



City of Tarpon Springs, Florida

Heritage Preservation Board
324 East Pine Street
Tarpon Spring, Florida 34689
(727) 938-3711

<http://www.ctsfl.us/agenda.htm>

**REGULAR SESSION AGENDA
MONDAY, MAY 4, 2026
6:30 PM - CITY HALL AUDITORIUM**

1. CALL TO ORDER

2. ROLL CALL

3. PUBLIC COMMENTS

4. QUASI-JUDICIAL ANNOUNCEMENT AND SWEARING IN OF SPEAKERS

5. APPLICATION(S)

- a. 26.29 Schultz - Certificate of Approval for Window and Door Replacement - 121 N. Grosse Ave

6. BOARD AND STAFF COMMENTS

7. ADJOURNMENT

This meeting is open to the public. Any person who decides to appeal any decision of the Board with respect to any matter considered at this meeting will need a record of the proceedings, and for such purpose may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based. The City of Tarpon Springs is committed to providing reasonable accommodation for access for the disabled. Anyone needing assistance regarding this meeting should contact the City Clerk's Office at (727) 938-3711, fax a written request to (727) 942-5619, or email a written request to cityclerk@ctsfl.us at least two days prior to the meeting. For further information regarding this meeting, please contact the Planning and Zoning Department at (727) 942-5611 or clanford@ctsfl.us



CITY OF TARPON SPRINGS
HERITAGE PRESERVATION BOARD

April 24, 2026
STAFF REPORT

MAY 4, 2026

Application No. / Project Title: 26-29 / Schultz
Staff: Caroline E. Lanford, AICP CTP
Principal Planner
Applicant / Owner: Edward and Maria Schultz
Property Size: 6,874 square feet
Current Zoning: R-70A Single Family Residential District
Location / Parcel ID: 121 N Grosse Ave. / 12-27-15-15210-000-0030
Architectural Type/District Status: Frame Vernacular / Contributing

BACKGROUND SUMMARY:

The applicant is seeking a Certificate of Appropriateness to replace 3 wood windows with vinyl impact windows and French doors with single light sliding glass doors at the contributing structure at the subject property.

The subject property is a contributing structure in both the National Register of Historic Places (NRHP) and local historic districts. The Florida Master Site File (FMSF) for this structure (8PI1441) notes this two-story, circa 1919 frame building features some elements of the Craftsman style including exposed rafter ends, wide overhanging roof eaves supported by large open brackets, an integral porch under the main roof, and simple one-over-one window design.

PRELIMINARY STAFF RECOMMENDATION:

Staff recommends the Heritage Preservation Board (HPB) consider the project as presented by the applicant along with the analysis of the review criteria in this staff report. If the HPB approves the application, the following conditions are recommended:

1. Tinted glass will not be used.
2. The Certificate of Appropriateness will expire in three (3) years if a building permit has not been issued for the project.

HISTORIC DISTRICT CONSIDERATIONS:

- When considering this application, the Heritage Preservation Board (Board) is encouraged to refer to the Historic District Design Review Guidelines Manual (DRGM), especially 1, 2, 3, 4, 54, 55, and 59. The DRGM can be accessed at the following link: <https://www.ctsfl.us/wp-content/uploads/2021/03/Historic-District-Design-Review-Guidelines-Manual.pdf>



REVIEW STANDARDS / STAFF ANALYSIS – CERTIFICATE OF APPROPRIATENESS

Pursuant to Section 109.01, Standards for Review:

- It shall be the intent of this Article to promote maintenance, restoration, adaptive reuses appropriate to the property, and compatible contemporary designs that are harmonious with the exterior and landscape features of neighboring buildings, sites, and streetscapes.
- In reviewing an application for a Certificate of Approval, the Board shall consider the following criteria:

(1) The height and width of any proposed alteration or new construction shall be consistent with that of adjacent contributing structures and with those structures of similar character and architectural style found throughout the immediate neighborhood or the district.

ANALYSIS: Not applicable to this project.

(2) The width and height of windows, doors, and entries shall be consistent with the character of the building's original architectural style. Repair or replacement of missing architectural features such as windows, mullions, doors, entries, hand rails, etc., should be based on accurate duplications, substantiated by historic, physical or pictorial evidence rather than on conjectural designs or the availability of different architectural elements from other buildings or structures.

ANALYSIS: The proposed replacement windows would retain historic dimensions and replicate the style of the historical windows, consistent with the original architecture.

The proposed replacement doors would not be consistent with the building's original architectural style. However, the replacement doors would not be visible from the public right-of-way.

(3) The relationship of a structure within an historic or cultural preservation district to the open space between it and the street and to other buildings or scenic views, vistas or streetscapes characterizing the area, shall be protected through a site plan review process addressing setbacks, roof lines, garage placement, parking and access analysis and the use of landscaping.

ANALYSIS: The proposed project is anticipated to have negligible visual impacts to the streetscape, as two of the windows proposed for replacement are obscured by the screened porch and the doors proposed for replacement are not visible from the public right-of-way.

(4) The shape and texture of the roof shall replicate the shape, texture and type of roof distinguishing the building's original architecture and on structures of similar style and age within the Historic and Cultural Preservation District.

ANALYSIS: Not applicable to this project.

(5) The size and mass (or shape) of the building after alteration shall be reflective of the building's original architectural style. The size and mass (or shape) of a proposed structure (new construction) should reflect the character of contributing buildings within the District as well as those immediately surrounding the subject property and shall include review of architectural elements such as roof lines, fenestration, and other components of facade design.



ANALYSIS: Not applicable to this project.

(6) Landscaping shall be utilized as a means to enhance the architectural character and appearance of the structure or traditional cultural property and to protect and define open spaces and pedestrian ways within Historic and Cultural Preservation Districts.

ANALYSIS: Not applicable to this project.

(7) Distinctive architectural features shall be repaired rather than replaced, wherever possible. Architectural details, including color, materials, texture, and site lighting shall be treated so as to make the building, structure, or traditional cultural property consistent with the property's original architectural style and character. New materials should replicate the material being replaced in composition, design, color, texture and other visual qualities.

ANALYSIS: The proposed project would replace original wood windows with vinyl windows. Although restoration or replacement with wood windows would be the ideal solution, the proposed replacements would generally replicate the visual qualities of original wood windows.

The proposed project would replace French doors with single light sliding glass doors. The sliding glass doors are inconsistent with the building's original architecture and the ideal solution would be repair of the existing French doors or replacement with new French doors. However, the doors are not visible from the public right-of-way, minimizing the visual impact to the district.

(8) All buildings, structures, sites and traditional cultural properties shall be recognized as products of their own time. Alterations, modifications or other changes to a structure or traditional cultural property shall not attempt to create an earlier appearance than the original date of construction. Changes that may have taken place in the course of time are evidence of the history and development of the subject property and may have acquired significance in their own right. This significance shall be recognized and respected.

ANALYSIS: Not applicable to this project.

(9) The renovation of contributing structures in an historic or cultural district or designated sites shall meet the Secretary of the Interior's Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings.

ANALYSIS: This project does not strictly comply with the Secretary's Standards, in particular:

2. The historic character of a property will be retained and preserved. The removal of distinctive materials or alteration of features, spaces and spatial relationships that characterize a property will be avoided.

5. Distinctive materials, features, finishes, and construction techniques or examples of craftsmanship that characterize a property will be preserved.



6. *Deteriorated historic features will be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature will match the old in design, color, texture and, where possible, materials. Replacement of missing features will be substantiated by documentary and physical evidence.*

9. *New additions, exterior alterations, or related new construction will not destroy historic materials, features, and spatial relationships that characterize the property. The new work will be differentiated from the old and will be compatible with the historic materials, features, size, scale and proportion, and massing to protect the integrity of the property and its environment.*

(10) The proposed project shall conform to other requirements of this Code and be in compliance with the applicable goals, objectives, and policies of the Comprehensive Plan.

ANALYSIS: The proposed project is expected to be constructed in compliance with the Land Development Code and the Florida Building Code. The proposed project can be interpreted as balancing the goals, objectives, and policies of the Comprehensive Plan by increasing the longevity of the structure, although the proposed project does not fully comply with the Secretary of the Interior's Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings.

(11) The impact upon archaeological sites shall preserve the integrity of the site.

ANALYSIS: No archaeological sites will be impacted.

PUBLIC CORRESPONDENCE:

The property owners within 500 feet were sent written notification in accordance with Section 109.00(B) of the City of Tarpon Springs Comprehensive Zoning and Land Development Code. Staff has not received any formal responses to these notices.

ATTACHMENTS:

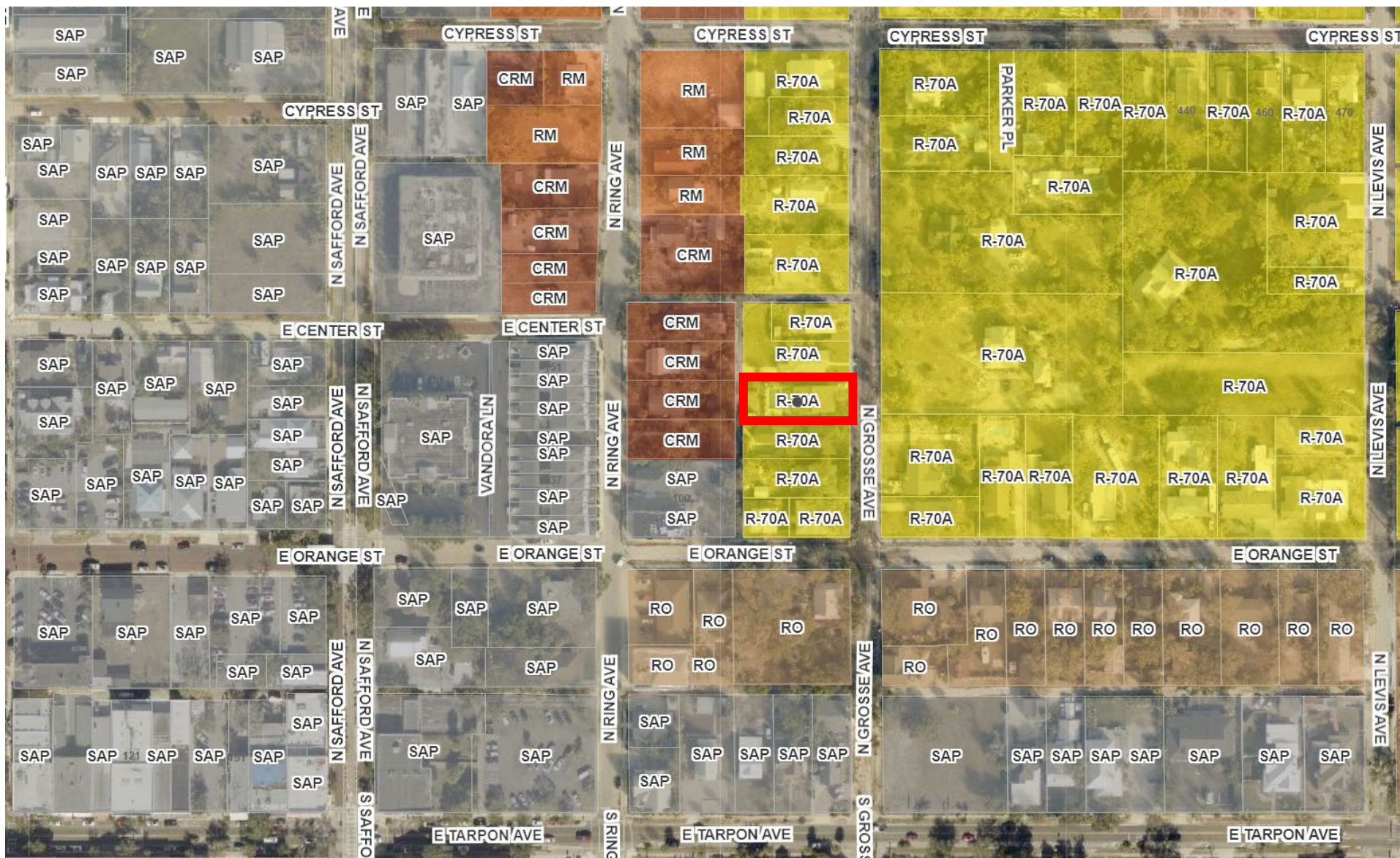
- Slide Presentation
- Florida Master Site File Form #8PI1441
- Application and supporting materials

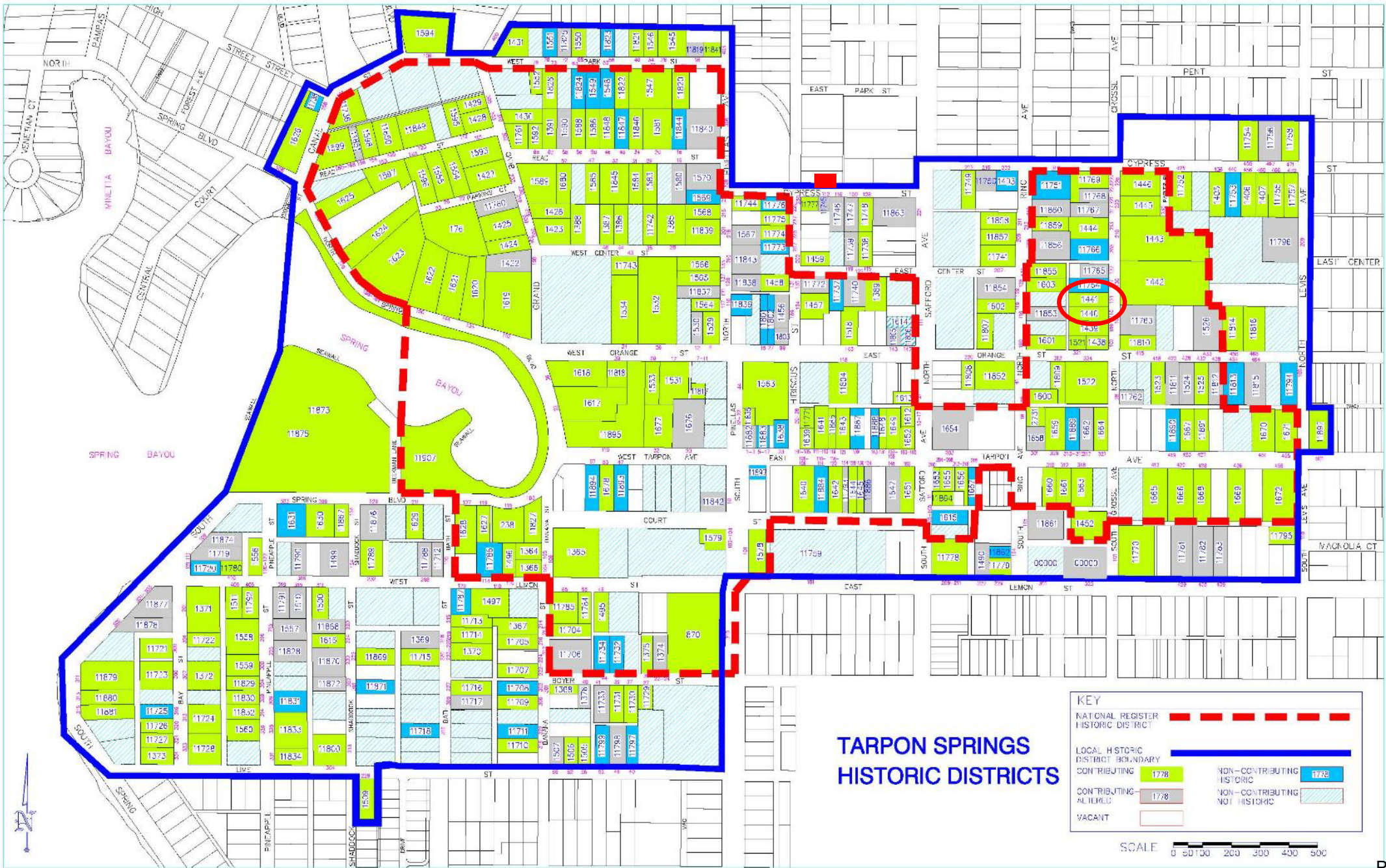
SCHULTZ APPLICATION #26.29

Heritage Preservation Board, May 4, 2026



LOCATION AND LAND USE CONTEXT

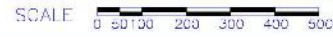




**TARPON SPRINGS
 HISTORIC DISTRICTS**

KEY

- NATIONAL REGISTER HISTORIC DISTRICT
- LOCAL HISTORIC DISTRICT BOUNDARY
- CONTRIBUTING HISTORIC
- NON-CONTRIBUTING HISTORIC
- CONTRIBUTING ALTERED
- NON-CONTRIBUTING NOT HISTORIC
- VACANT



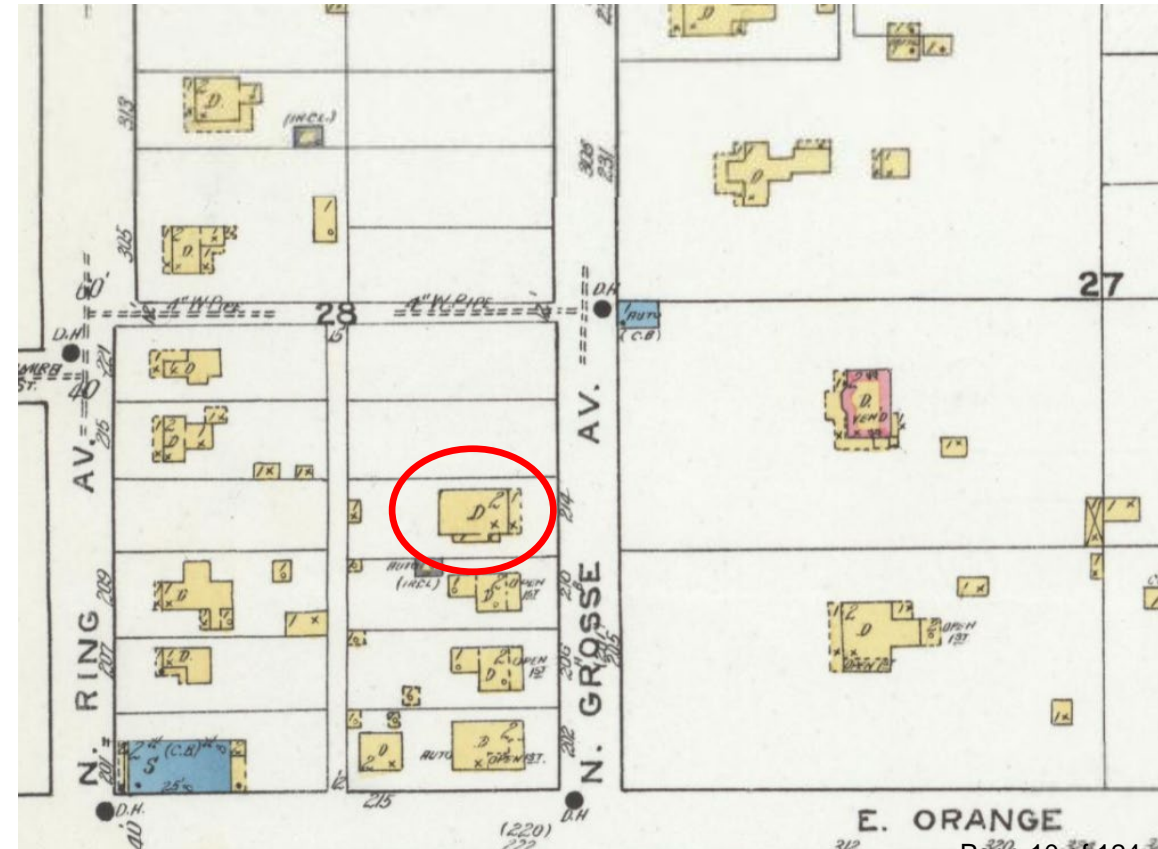
PROPERTY INFORMATION

- Lot Size: 9,874 square feet
- Current Zoning: R-70A Single-Family Residential
- Location / Parcel ID: 121 N Grosse Ave/ 12-27-15-15210-000-0030
- Architectural Type/Style: Frame Vernacular
- District Status: Contributing
- Florida Master Site File: 8PI1441
- Owner / Applicant: Edward and Maria Schultz

REQUEST

Certificate of Appropriateness to:

- Replace original windows with impact windows
- Replace French Doors with Single Light Sliding Glass Doors



1919 SANBORN

121 N GROSSE AVE – FLORIDA MASTER SITE FILE



121 N GROSSE AVE – EAST FAÇADE



121 N GROSSE AVE – NORTH ELEVATION



121 N GROSSE AVE – SOUTH ELEVATION



121 N GROSSE AVE – CONTEXT



121 N GROSSE AVE – CONTEXT




PROPOSED PROJECT



www.pgtwindows.com

NFRC Report

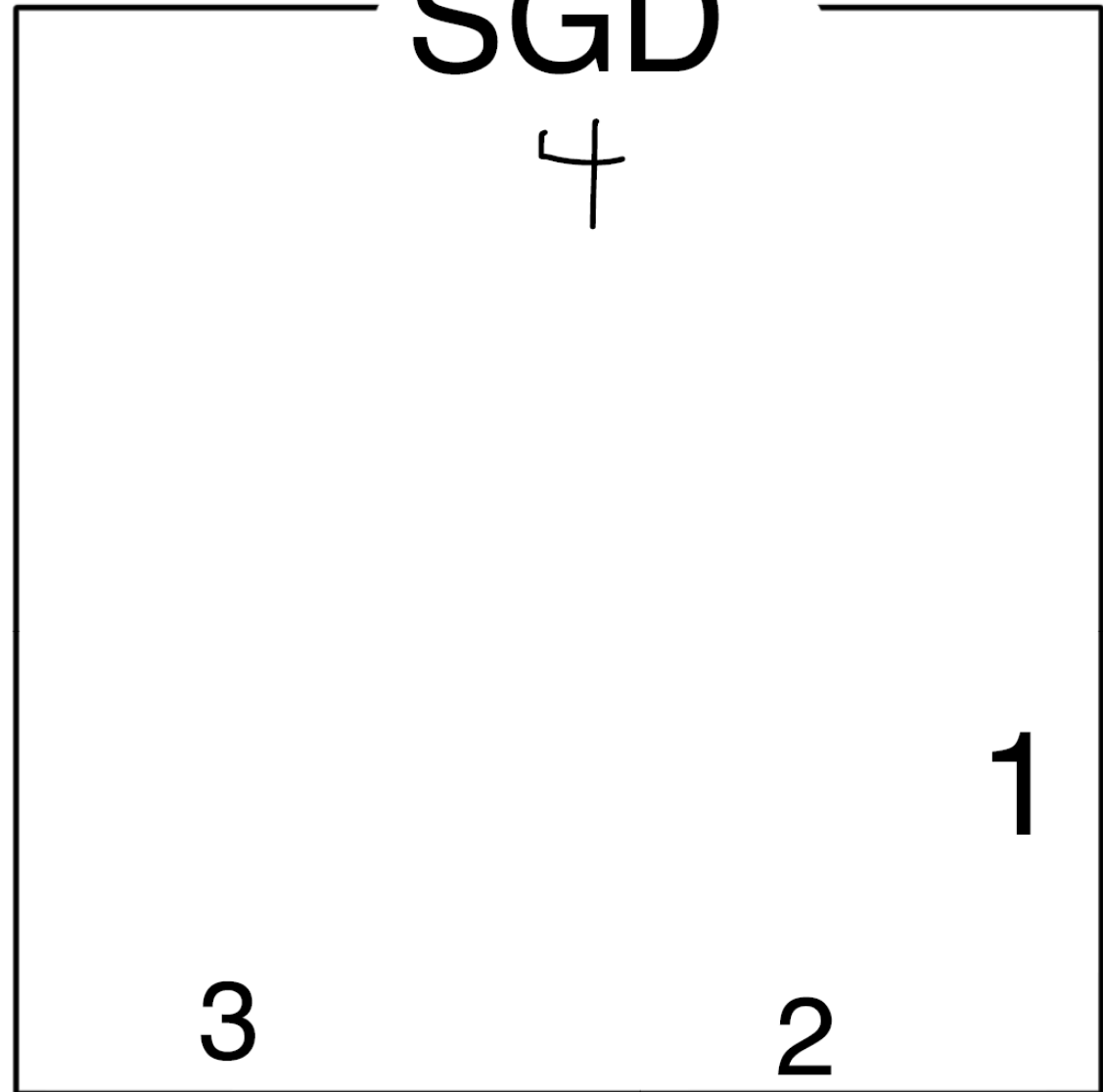
Quote # 8760395
 PO Number: 25-08075
 Job Name: edward schultz
 Job Address:

Line #	Item Description	Quantity	Location
0001 (1.00)	SH5500 VINYL SINGLE HUNG 5500 42 X54 X .STD,5/8" FLW,EQUAL,7/8 LIG,CL,ARG,ES Max.NO GRID,DBL SWEEP,1816K-BOXED,CMFRT LFT HNDL	Ordered: 1.00	Living Room - W
	 <p>Certification Type: MIAMI Frame Type: 625FLANGE Window Style: STD Size Ref: ACTUAL Height: 54.0000 Rough Masonry: 43 3/4 X 55 Egress Opening: 37 3/4 X 22 3/8 (5.8576 SOFT) Balance Type: CONSTANT Interlayer Type: PVB050 Glass: 7/8" LIG (1/8 AN - 7/16 ARG -5/16 AN/AN) Glass Color: CL - CLEAR Argon Gas: ARGON Grid Type: NONE - NO Grid Screen Type: 1816K - 1816 Charcoal Vent Latch: N Lock Type: SWEEP - Sweep Latch Comfort Lift: Y Lock Quantity: 2.0000 Boxing Options: BS - Box Screen Vent Ht: 25.6430 PositiveDesignPressure: 50.0000 PANumber: FL239 CondensationResistance: 59.0000 SolarHeatGainCoeff: 0.2100 VTTCOG: 0.6200</p> <p>NOA Selection: 25-0520.01 Vent Configuration: EQUAL Size Selection: CUSTOM Width: 42.0000 Actual Size: 42 X 54 Wood Frame Opening: 42 1/4 X 54 1/4 Frame Color: W - White Glass Family: LI - Laminated Insulating Glass Makeup: LIA207AA5 Does unit need to meet Turtle Code: NO Low E: ENERGY SHIELD MAX Privacy Glass: NONE - NONE Reinf. Upgrade: NONE - None Screen Frame Type: ROLLFORM WOOD: N Upgrade Hardware Finish: N Lift Rail: N Anchor Group: CHU54.55.1 Acc Glass Breakage: N CAR#: 25-0520.01 NegativeDesignPressure: 50.0000 EnergyStar: 1.0000 UF: 0.2300 VT: 0.4700 CPD: PGT-A-234-03848-00001</p>		
0002 (2.00)	SH5500 VINYL SINGLE HUNG 5500 42 X54 X .STD,5/8" FLW,EQUAL,7/8 LIG,CL,ARG,ES Max.NO GRID,DBL SWEEP,1816K-BOXED,CMFRT LFT HNDL	Ordered: 1.00	Living Room - W

SGD

4

	<p>Send Unit: COMPLETE NOA Selection: 26-0126.03 Pnl/Trk: 3 Panel / 3 Track Panel Stack: STD Width: 109.0000 Actual Size: 109 X 81 Frame Color: W - White Glass: 1-1/16" LIG (3/16 TMP-7/16ARG-7/16 AN/HS) Does unit need to meet Turtle Code: NO Low E: ENERGY SHIELD MAX Privacy Glass: NONE - NONE Grid Type: NONE - NO Grid Screen Panel Type: NONE Handle Type: RAISED/RAISED Lock/Handle Location: STD Key Lock: N Panel Opr Rlr: STSTEELTM Stainless Steel Tandem Send frm w/snap on Nail Fin: N Max Energy/Composite Reinf: N CAR#: 26-0126.03 NegativeDesignPressure: 60.0000 EnergyStar: NONE UF: 0.3100 VT: 0.4400 CPD: PGT-A-237-02469-00004</p>	<p>Certification Type: MIAMI Door Configuration: BYPASS Panel Configuration: XXX Size Selection: CUSTOM Height: 81.0000 Calc Track Length: 109.0000 Glass Makeup: LIT307AS7 Glass Family: LI - Laminated Insulating Glass Color: CL - CLEAR Argon Gas: ARGON Interlayer Type: PVB090 Sill Riser Height: 3.5000 Send Screen Frame with Unit: N Handle Color: W - White Secondary Lock Type: NONE Keyed Alike: N Anchor Group: C.SG54.55.1 Boxing Options: N - None Acc Glass Breakage: N PositiveDesignPressure: 60.0000 PANumber: FL251 CondensationResistance: 58.0000 SolarHeatGainCoeff: 0.1900 VTTCOG: 0.6300</p>
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PROPOSED PROJECT

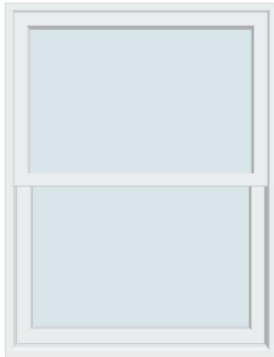
42 x 54

Window 1

Quantity 1



Exterior

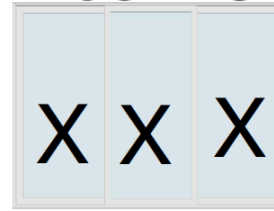


Interior

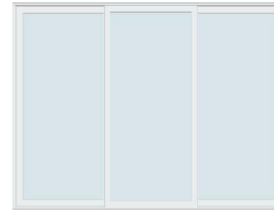
Options

Description:	Winguard Single Hung
Location:	Living Room
Glass:	Impact
Overall Frame Width:	40
Overall Frame Height:	52
Impact Insulated / Low-E / Argon Gas:	Yes
Installation Type:	Wood
Sash Split:	Even
Operation/Venting:	Single Hung
Exterior Color:	White
Interior Color:	White
Grids Type:	None
Grids Pattern:	None
Tempered:	No
Privacy:	None
Notes:	
Glass Block Removal:	No
1x3 Mull Bar:	No
2x6 Mull Bar:	No
Corner Bay Mull:	No
WOCD:	No
Exterior Shutters RnR:	No
Burglar Bars RnR:	No
Sill:	None
Build Down:	No
Glass Tint:	None

109 x 81



Exterior



Interior

SGD 2

RO 111x 83

Quantity 1

Options

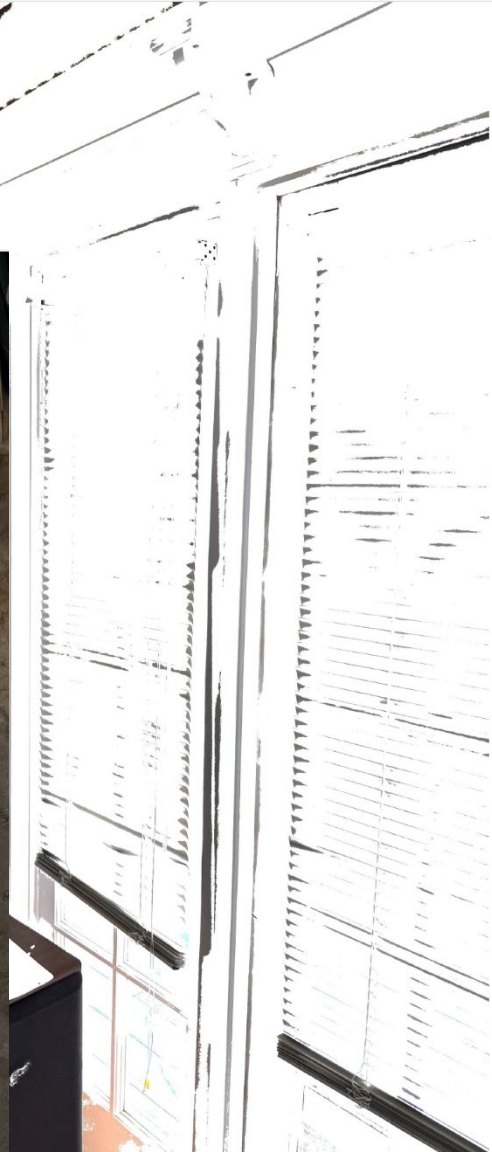
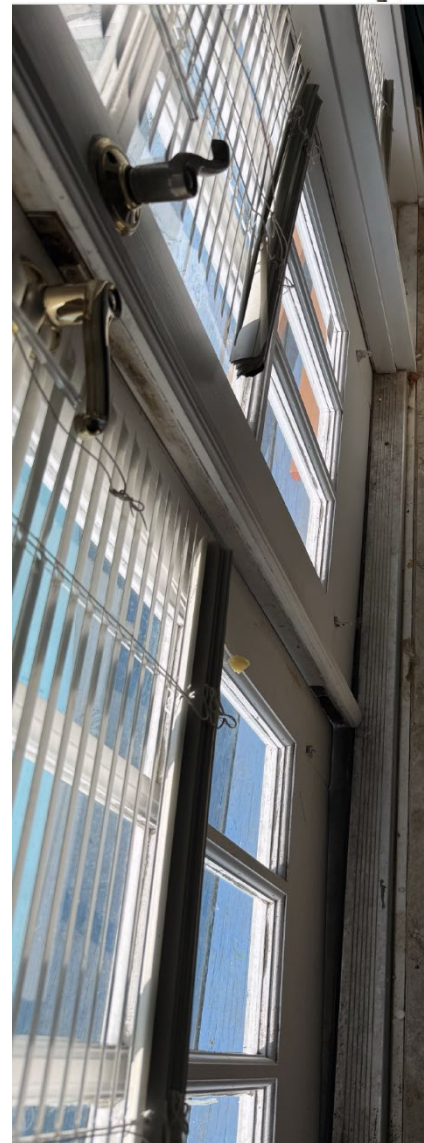
Description:	Winguard SGD 3 Panel
Location:	Patio
Operation/Venting:	XXX
Call Width:	108"
Call Height:	80"
Width:	108
Height:	80
Frame Width:	108
Frame Height:	80
Glass Tint:	None
Exterior Color:	White
Interior Color:	White
Grids Type:	None
Grids Pattern:	None
Notes:	
2x6 Mull Bar:	No
Build Down:	No
Privacy:	None
Keyed Lock:	No

Secondary Lock:	No
Keyed Alike:	No
Curved Handle:	No
Contemporary Handle:	No

PHOTOS FROM APPLICANT



PHOTOS FROM APPLICANT



PHOTOS FROM APPLICANT



STANDARDS FOR REVIEW – CERTIFICATE OF APPROVAL

- 1) New construction consistency.
- 2) Windows, doors and entries.
- 3) Neighborhood and district context.
- 4) Roof shape and texture.
- 5) Size and massing / shape.
- 6) Landscaping.
- 7) Architectural features.
- 8) Adherence to period of construction.
- 9) Adherence to Secretary's Guidelines.
- 10) Conformance with other City code requirements.
- 11) Impact upon archeological sites.

DESIGN GUIDELINES REVIEW MANUAL

City of Tarpon Springs Design Review Guidelines Manual



Guideline 55. Replacement Windows

- a. If 50% or more of the windows are deteriorated or missing, then the wholesale replacement of all windows is permitted, provided that the new windows shall match the key design elements of the original windows. Replacement windows can be wood, anodized aluminum (not raw aluminum), or vinyl.
- b. Where window replacement is necessary, the new window should match the historic window in location, size, type, glazing pattern, profile, and color. The number of windowpanes, and the approximate muntin and mullion profile of the replacement window should also match the historic window.
- c. Maintain the historic window opening size and surrounding trim and surrounds including but not limited to sash, frame, and sill.
- d. Retain the window type indigenous to the historic style of the building. For example, do not replace a historic double-hung window with a new casement window.
- e. Tinted glass is not permitted.

Best Choice

Maintain and preserve your existing historic wood windows.

Good Alternative

- Replace in-kind i.e. a wood window with the same configuration, dimensions, and key design elements. This includes matching the muntin, mullion, sill, and trim profiles and dimensions
- Replace a single-hung window with a double-hung or vice-versa as long as all other elements match
- It is also acceptable to replace a wood window with aluminum clad or composite/fiberglass as long as the configuration, dimensions, profiles, and design elements all match

It is generally not appropriate to:

- increase or decrease the historic opening to accommodate smaller or larger windows, or remove or cover surrounding trim, including wood or masonry details
- use removable, snap-in, or “between the glass” muntins on primary buildings

NOTE: Vinyl or vinyl clad windows are acceptable replacements only on mid-20th century properties, on non-visible elevations, and on non-contributing properties.

DESIGN GUIDELINES REVIEW MANUAL



Guideline 59. Retain Historic Doors

- a. Maintain and repair historic doors and historic door hardware.
- b. Match new or replacement hardware to the original finish, type, and style.

It is generally not appropriate to:

- install kickplates, closers, padlocks, deadbolts, locksets, security hardware, or other elements that are not compatible with the original hardware

Guideline 60. Transoms and Sidelights

A transom is a window or series of windows located above a door or display window, while sidelights vertically flank doorways. Both should be preserved along with their character-defining elements that include trim work.

- a. Preserve and maintain existing historic transoms, sidelights and trim.
- b. Where the condition necessitates replacement, the new transom and/or sidelights should match the original character-defining features of the arrangement, including shape, proportion, scale, trim, and glass type.

It is generally not appropriate to:

- fill, block or otherwise remove or obscure a transom and/or sidelights

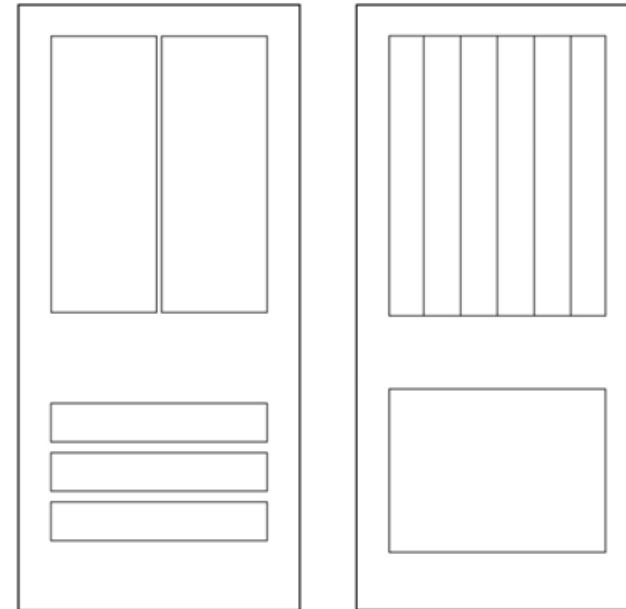


Figure 110: Examples of appropriate replacement doors.

PRELIMINARY STAFF RECOMMENDATION

If the HPB approves the project, the following conditions are recommended:

1. Tinted glass will not be used.
2. The Certificate of Approval will expire in three (3) years if a building permit has not been issued for the project.

The project was publicly noticed. No responses to the notices have been received.

PINELLAS COUNTY HISTORICAL STRUCTURE
FLORIDA MASTER SITE FILE

Site Number 8PI01441
Historic Contexts WWI AND AFTERMATH
Nat. Register Category BLDG Local Designation
Other Names or MSF Nos
County PINELLAS Ownership Type PRIV
Location:
Address 121 N GROSSE AVE City TARPON SPRINGS
Parcel Number 12271515210 0 30
USGS 7.5' Map TARPON SPRINGS

HISTORY

Architect:
Builder:
Const Date: 1919 Restoration Dates(s)
Modification Date(s):
Move: Date Orig Location
Original Use(s) RESI
Present Use(s) RESI

DESCRIPTION

Style: FRAM
Plan: Exterior RECT
Interior
No.: Stories 1.5 Outbldgs 0 Porches 1 Dormers 2
Structural System(s) WOOD
Exterior Fabric(s) SDW
Foundation: Type PIER Matls BRIC
Roof: Type GA Surfacing SHCO
Secondary Strucs. DORMER; SHED
Chimney: 1 Mtls BRIC Locns S, END EXT REAR SLOPE
Windows DHS 1/1
Exterior Ornament
Condition GOOD Surroundings RESI
Narrative (general, interior, landscape, context:)

Archaeological Remains at the site. N
Recorders's Evaluation of site
Areas of Significance

ARCHITECTURE

Eligible for Nat. Register?
Signif. as part of district?
Signif. at local level? YES
SUMMARY ON SIGNIFICANCE

Recorder Information: Name F PAUL M G L CLARK
Date: Mo 3 Yr 93 Affiliation P.C. PLANNING DEPT

Record no. 239

RECORD NUMBER: 239

Page 1

X original
update

**HISTORICAL STRUCTURE FORM
FLORIDA MASTER SITE FILE**

Site 8

PI 1441

SITE NAME:

HISTORIC CONTEXTS: WWI and Aftermath

NAT. REGISTER CATEGORY: Building

OTHER NAMES OR MSF NOS:

COUNTY: Pinellas **OWNERSHIP TYPE:** Private

PROJECT NAME: Survey of Tarpon Springs: S+P **DHR NO.** 0 1732

LOCATION:

ADDRESS: 121 North Grosse Avenue

CITY: Tarpon Springs

VICINITY OF/ROUTE TO: See Attached Maps

SUBDIVISION: J.K. Cheyney's Subdivision **BLOCK NO.** **LOT NO.** 4

PLAT OR OTHER MAP: Property Map Pinellas County

TOWNSHIP: 27 **RANGE:** 15 **SECTION:** 12 **1/4:** 0 **1/4 - 1/4:** 0

IRREGULAR SEC? y n **LAND GRANT** None

USGS 7.5 MAP: Tarpon Springs 1974

UTM: ZONE: 0 **EASTING:** 0 **NORTHING:** 0

COORDINATES: LATITUDE: 0 D 0 M 0 S **LONGITUDE:** 0 D 0 M 0 S

HISTORY

ARCHITECT:

BUILDER:

CONSTRUCTION DATE: c. 1919 **RESTORATION DATE(S):** / / / /

MODIFICATION DATE(S):

MOVE: DATE: **ORIG. LOCATION:**

ORIGINAL USE (S): Private Residence

PRESENT USE (S): Private Residence

**SEE SITE FILE STAFF FOR
ORIGINAL PHOTO(S) OR MAP(S)**

DESCRIPTION

STYLE: Frame Vernacular

PLAN: EXTERIOR: Rectangular

PLAN: INTERIOR:

NO. STORIES: 1.5 **OUTBLDGS:** 0 **PORCHES:** 1 **DORMERS:** 2

STRUCTURAL SYSTEM(S): Wood, Balloon

EXTERIOR FABRIC(S): Wood; drop siding

FOUNDATION: TYPE: Piers **MATLS:** Brick

INFILL:

PORCHES: E/ end; shed roof, tapered cols., knee wall, 3 bays, access 2nd bay

ROOF: TYPE: Gable **SURFACING:** Composition Shingle

SECONDARY STRUCS.: Dormer; shed

CHIMNEY: NO.: 1 **MTLS:** Brick **LOCNS:** S;end,exterior;rear slope

WINDOWS: DHS, 1/1

EXTERIOR ORNAMENT:

CONDITION: Good **SURROUNDINGS:** Residential

NARRATIVE:

See Continuation Sheet

ARCHAEOLOGICAL REMAINS AT THE SITE

FMSF ARCHAEOLOGICAL FORM COMPLETED? y X n (If Y, ATTACH)

ARTIFACTS OR OTHER REMAINS: None Observed

RECORDER'S EVALUATION OF SITE

AREAS OF SIGNIFICANCE: Architecture

ELIGIBLE FOR NAT. REGISTER?	y	n	likely, need info	X	insf info
SIGNIF. AS PART OF DISTRICT?	y	n	likely, need info	X	insf info
SIGNIFICANT AT LOCAL LEVEL?	y	n	X likely, need info		insf info

SUMMARY OF SIGNIFICANCE

See Continuation Sheet

* * DHR USE ONLY * * * * DHR USE ONLY * * * *

* DATE LISTED ON NR _____ *

* KEEPER DETERMINATION OF ELIG.(DATE): __YES _____ __NO _____ *

* SHPO EVALUATION OF ELIGIBILITY (DATE): __YES _____ __NO _____ *

* LOCAL DETERMINATION OF ELIG. (DATE): __YES _____ __NO _____ *

* OFFICE _____ *

* * DHR USE ONLY * * * * DHR USE ONLY * *

RECORDER INFORMATION: NAME: Stephen A. Olausen
DATE: 6/1/88 AFFILIATION: Historic Property Associates, Inc.

PHOTOGRAPHS
LOCATION OF NEGATIVES: HPA, St. Augustine, Fl
NEGATIVE NUMBERS: TS7 Frame 35

PHOTOGRAPH M A P

Attach a B/W photographic print here if available. Please label the print itself with at least: the FMSF site number (survey number or site name if not available), direction and date of photograph. Prints larger than contact size are preferable.

Statement of Significance:

This one and one-half story wood Frame Vernacular residential building is located at 121 North Grosse Avenue. Notable architectural features include its moderately-pitched side gabled roof with triangular braces; second story full facade 5-bay dormer; screened front end porch supported by square tapered posts with knee wall; drop siding exterior fabric; double-hung sash windows with 1/1 lights; and brick pier foundation.

Frame Vernacular is defined as the common wood frame construction techniques of lay or self taught builders. Prior to the Civil War vernacular designs were local in nature, transmitted by word of mouth or by demonstration, and relying heavily upon native building materials. With the coming of the American Industrial Revolution mass manufacturers became the pervasive influence over vernacular house design. Popular magazines featuring standardized manufactured building components, house plans, and house decorating tips flooded consumer markets and helped to make building trends universal throughout the country. The railroad also aided the process, by providing cheap and efficient transportation for manufactured building materials. Ultimately, the individual builder had access to a myriad of finished architectural products from which he could pick and choose to create a design of his own.

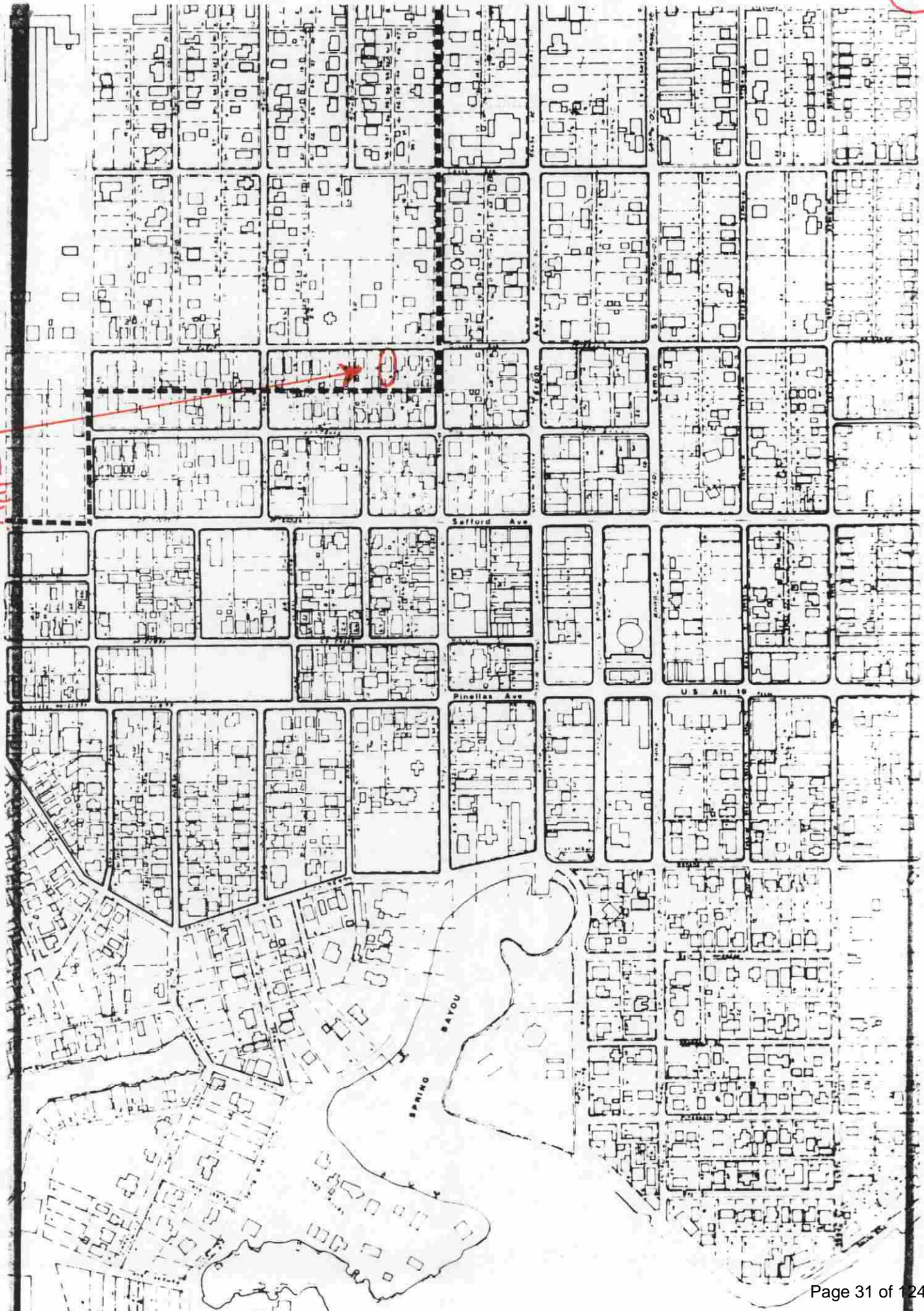
Frame Vernacular is the most common architectural style found in Florida. Frame Vernacular houses pre-dating 1920 are generally two stories in height, with a balloon frame structural system constructed of pine, and a brick pier foundation. They have regular plans, usually rectangular, but often L-shaped plans were used to maximize cross-ventilation. The interior spaces contain two rooms (hall and parlor), two or four rooms divided by a central hall, or two rooms with a stairway on the side. They have gable or hip roofs with pitches steep enough to accommodate attic space. Horizontal drop siding and weatherboard are the most common exterior wall surface materials. Wood shingles were originally used to cover the roofs, but they have nearly always been replaced by composition shingles in a variety of shapes and colors. The facade of Frame Vernacular residences is often placed on the gable end, making the height of the facade greater than its width. Porches are also a common feature of the style. They include one and two-story end porches or verandas. Fenestration is regular, but not always symmetrical. Windows are double-hung sash with multi-pane glazing and doors contain recessed wood panels. Decoration is sparse. It is generally limited to ornamental woodwork including a variety of patterned shingles and trusswork in the gables, turned balustrades and porch columns, and eave and porch brackets.

The building is located in J. K. Cheyneys subdivision of Tarpon Springs platted in 1904. It first appears on the 1919 Sanborn Fire Insurance map indicating that it was built sometime between the

publication of that map and the previous one done for the city in 1913.

The historical development of Tarpon Springs is highly significant and in many ways unique among Florida communities. It spans essentially two periods of development. The first period began in 1882 with the arrival of Hamilton Disston, one of Florida's most important nineteenth century developers, and his associates. It lasted until 1905 and saw Tarpon Springs develop as a health center and winter resort for wealthy Northerners. The pre-Greek sponge industry was also developed during the period. Beginning in 1905 the sponge industry became the dominant force in the local economy and Greek immigrants the dominant social group, displacing the wealthy Northerners. The second period of development ended about 1948, when the sponge industry went into decline. The historic buildings of Tarpon Springs embody the architecture and are associated with individuals and events significant to the development of the community.

121
NORTH
GROSSE
AVE





121 N. GROSSE AVE.



HISTORICAL STRUCTURE FORM FLORIDA MASTER SITE FILE

Consult Guide To Historical Structure Forms for detailed instructions

Site # 8PI1441

Recorder # 95

Recorder Date 1/28/09

Original Update

Site Name 121 N Grosse Avenue Other Names _____

Project Name Historic Resources Survey of Tarpon Springs

Historic Contexts WWI and Aftermath National Register Category Building

LOCATION and IDENTIFICATION

Address 121 N Grosse Avenue

Vicinity of W side of Grosse Ave between Orange St. and Cypress St.

City Tarpon Springs County Pinellas

Ownership Private-individual Subdivision _____ Block # _____ Lot # _____

MAPPING

USGS Map TARPON SPRINGS Township 27S Range 15E Section 12

Quarter _____ Qtr Qtr _____ Irregular Section UTM Zone 17

Easting 327885 Northing 3114805 Land Grant Unknown

Latitude _____ Longitude _____ Plat or Other Map Aerial Photographs

HISTORY

Architect/Builder Unknown Construction Date 1919 Circa Alterations Date c.1970 Type/Location some windows replaced; c.1990 center door at second floorAdditions Date c.1990 Type/Location second floor balcony addedMoved Original Location _____

Use Original Private residence Use Present Private residence

DESCRIPTION

Style Frame Vernacular Exterior Plan Rectangular Interior Plan Unknown Stories 2

Structural System Wood frame Exterior Fabric Drop siding; Weatherboard

Foundation Piers Foundation Materials Brick Foundation Infill N/A

No. of Porches 2 Locations/Features inset screened porch, full width with tapered wood posts/narrow second floor full width balcony with no roof

Main Entrance (stylistic details): center entry under main porch with sidelights

Outbdgs. Number _____ Nature/Location (Describe below) _____

Roof Type Gable Roofing Materials Composition shingles

Secondary Structures Comments Shed dormer Location nearly full width, front and rearChimneys Number 1 Orientation South Location Wall Material BrickWood Windows Type DHS Light # 1/1Metal Windows Type SHS Light # 1/1

Exterior Ornament cornerboards, rafter tails, knee braces, wood surrounds, gingerbread at porch and screened door

Condition Good Surroundings Residential

Narrative (general, interior, landscape, context; 3 lines only)

This two-story side gable residence features wide eaves, sidelights at the door, and angled cut rafter tails. The Victorian style gingerbread is a recent addition.

 Archaeological Remains Present FMSF Archaeological Site Form Completed (if yes, attach)

HISTORICAL STRUCTURE FORM

Site # 8PI1441

Consult Guide To Historical Structure Forms for detailed instructions

RECORDER'S EVALUATION OF SITE

Individually Eligible for National Register? Yes No Likely, Need Information Insufficient Information
 Potential Contributor to Nat. Reg. District? Yes No Likely, Need Information Insufficient Information

Areas of Significance

Community planning & development

Summary of Significance

This resource is an example of residential architecture in Tarpon Springs during the World War I and Aftermath-era and is representative of the development of the City of Tarpon Springs. Although this building has undergone some minor alterations, the majority of architectural details remain and the overall historic massing is retained. Therefore, this building would be considered a contributing resource to the NRHP and Local Tarpon Springs Historic District.

DHR USE ONLY		OFFICIAL EVALUATIONS	DHR USE ONLY	
NR DATE _/_/	KEEPER-NR ELIGIBILITY <input type="checkbox"/> yes <input type="checkbox"/> no		Date	_/_/
DELIST DATE _/_/	SHPO-NR ELIGIBILITY: <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> potentially elig. <input type="checkbox"/> insufficient info		Date	_/_/
	LOCAL DESIGNATION: Local office _____		Date	_/_/
National Register Criteria for Evaluation <input type="checkbox"/> a <input type="checkbox"/> b <input type="checkbox"/> c <input type="checkbox"/> d (See National Register Bulletin 15, p. 2)				

DOCUMENTATION

Research Methods Florida Site File for past architectural surveys; Florida Site File search; Local library; Tax records; Pedestrian; Sanborn maps

Bibliographic References Olausen, Stephen A. FMSF form for 8PI1441. on file, Florida Department of State, Division of Historic Resources, Tallahassee, Florida.

Location of Negatives Janus Research **Negative Numbers** Roll 2885, #185, Facing NW

RECORDER INFORMATION

Recorder Name Janus Research

Recorder Affiliation JANUS RESEARCH, 1107 N. Ward Street, Tampa, Florida 33607 Telephone 813-636-8200

REQUIRED:

1. USGS 7.5' MAP WITH STRUCTURES PINPOINTED IN RED
2. LARGE SCALE STREET OR PLAT MAP
3. PHOTO OF MAIN FACADE, PREFERABLY B&W, AT LEAST 3x5

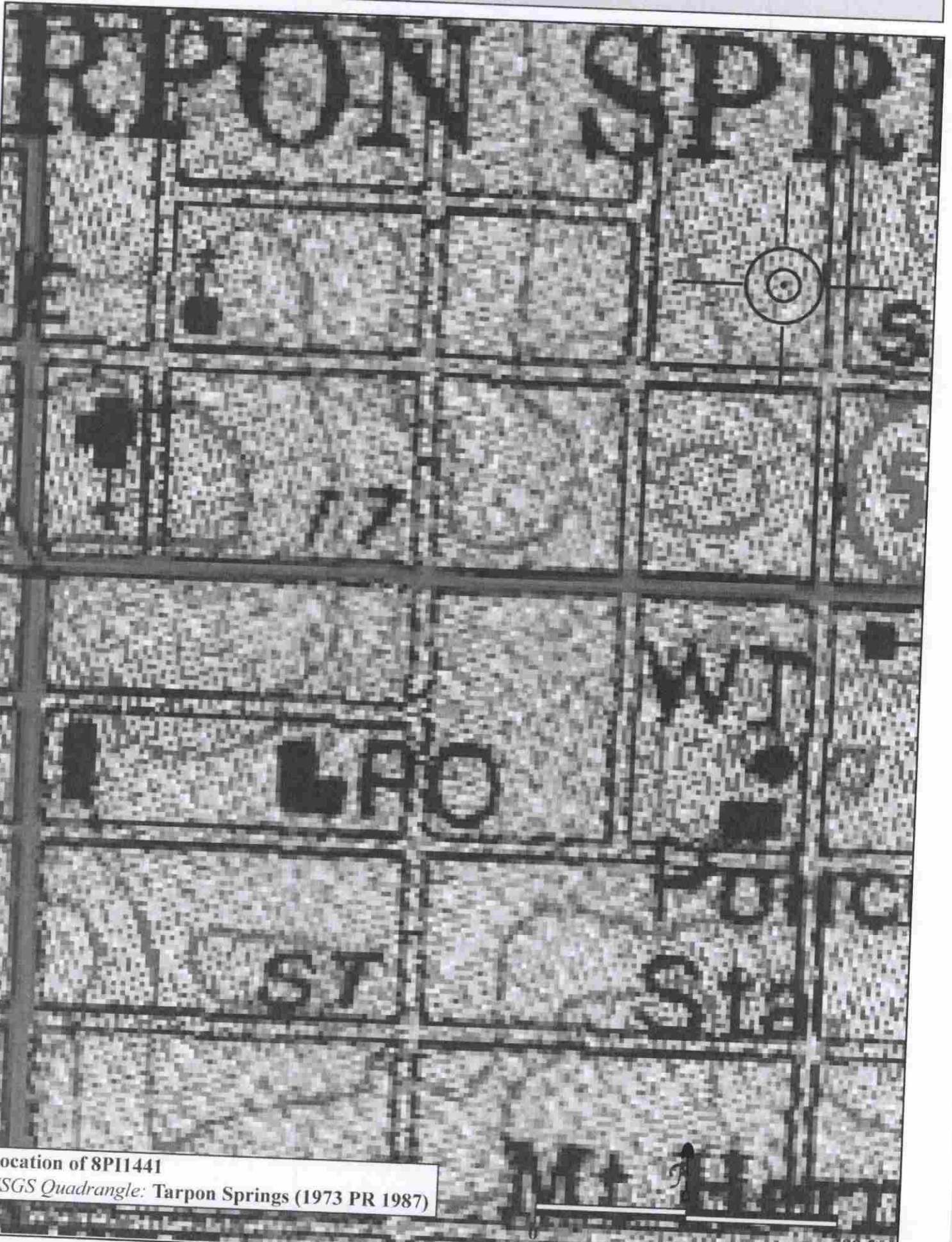
PHOTOGRAPH



SKETCH MAP



USGS QUADRANGLE MAP



Location of 8P11441
USGS Quadrangle: Tarpon Springs (1973 PR 1987)





Certificate of Appropriateness Form



CITY OF TARPON SPRINGS
PLANNING & ZONING DEPARTMENT
324 E. Pine Street, Tarpon Springs, FL 34689
(727) 942-5611 / planning@ctsfl.us

INSTRUCTIONS

Please complete this form fully and **DOWNLOAD (print button)** to submit in addition the [General Planning and Zoning Application](#). Applications must be submitted **DIGITALLY** through the [Planning and Zoning goPost portal](#).

Project Name*

Project Location*

Edward Schultz

121 N Grosse Ave, Tarpon Springs FL 34689

Type of Activity (Check all that apply)*

- | | |
|---|--|
| <input type="checkbox"/> Awnings | <input type="checkbox"/> Relocation* |
| <input type="checkbox"/> Deck/Patio | <input type="checkbox"/> Renovation |
| <input type="checkbox"/> Demolition | <input type="checkbox"/> Roof |
| <input type="checkbox"/> Driveway | <input type="checkbox"/> Signs |
| <input type="checkbox"/> New Construction | <input type="checkbox"/> Structural Addition |
| <input type="checkbox"/> Parking Lot | <input checked="" type="checkbox"/> Windows/Doors/Solar Panels |

***If Relocation, provide the following information:**

New Address / Location

Address / General Location

New Tax Parcel ID

Parcel ID from Pinellas County Property Appraiser

New Land Use

-- Select One --

Choices are Alphabetized

[Lookup Land Use](#)

New Zoning

-- Select One --

Choice are Alphabetized

[Lookup Zoning](#)

[Lookup Parcel ID](#)

Year Built*

1914

Architectural Style*

American Craftsman

Porches*

Yes

No



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Product Approval
USER: Public User

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

OFFICE OF THE SECRETARY

<p>FL #</p> <p>Application Type</p> <p>Code Version</p> <p>Application Status</p> <p>Comments</p> <p>Archived</p> <p>Product Manufacturer</p> <p>Address/Phone/Email</p> <p>Authorized Signature</p> <p>Technical Representative</p> <p>Address/Phone/Email</p> <p>Quality Assurance Representative</p> <p>Address/Phone/Email</p> <p>Category</p> <p>Subcategory</p> <p>Compliance Method</p> <p>Certification Agency</p> <p>Validated By</p> <p>Referenced Standard and Year (of Standard)</p> <p>Equivalence of Product Standards</p> <p>Certified By</p> <p>Product Approval Method</p> <p>Date Submitted</p> <p>Date Validated</p>	<p>FL239-R30</p> <p>Revision</p> <p>2023</p> <p>Approved</p> <p>*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.</p> <p><input type="checkbox"/></p> <p>PGT Industries</p> <p>1070 Technology Drive</p> <p>North Venice, FL 34275</p> <p>(941) 486-0100 Ext 21140</p> <p>jrosowski@pgtindustries.com</p> <p>Jens Rosowski</p> <p>jrosowski@pgtindustries.com</p> <p>Lynn Miller, P.E.</p> <p>1070 Technology Dr</p> <p>N Venice, FL 34275</p> <p>(941) 486-0100 Ext 21142</p> <p>lmiller@pgtindustries.com</p> <p>Windows</p> <p>Single Hung</p> <p>Certification Mark or Listing</p> <p>Miami-Dade BCCO - CER</p> <p>Steven M. Urich, PE</p> <p><input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received</p> <p>Standard</p> <p>TAS 201, 202, 203</p> <p>Year</p> <p>1994</p> <p>Method 1 Option A</p> <p>06/16/2025</p> <p>06/17/2025</p>
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Date Pending FBC Approval

Date Approved

06/18/2025

Summary of Products

FL #	Model, Number or Name	Description
239.1	SH5400 (Non-Impact)	Vinyl Single Hung Window
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Please see Miami-Dade County Notice of Acceptance (NOA) for product performance information, anchorage details, and anchor type, size, and spacing information.		Certification Agency Certificate FL239_R30_C_CAC_25-0520.02.pdf Quality Assurance Contract Expiration Date 07/30/2030 Installation Instructions FL239_R30_II_25-0520.02.pdf Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
239.2	SH5500 (Large Missile Impact)	Vinyl Single Hung Window
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see Miami-Dade County Notice of Acceptance (NOA) for product performance information, anchorage details, and anchor type, size, and spacing information.		Certification Agency Certificate FL239_R30_C_CAC_25-0520.01.pdf Quality Assurance Contract Expiration Date 07/30/2030 Installation Instructions FL239_R30_II_25-0520.01.pdf Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
239.3	SH7600 (Non-Impact)	Aluminum Single Hung Window
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Please see Miami-Dade County Notice of Acceptance (NOA) for product performance information, anchorage details, and anchor type, size, and spacing information.		Certification Agency Certificate FL239_R30_C_CAC_23-0707.11.pdf Quality Assurance Contract Expiration Date 08/23/2028 Installation Instructions FL239_R30_II_23-0707.11.pdf Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
239.4	SH7700 (Large Missile Impact)	Aluminum Single Hung Window
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see Miami-Dade County Notice of Acceptance (NOA) for product performance information, anchorage details, and anchor type, size, and spacing information.		Certification Agency Certificate FL239_R30_C_CAC_23-0707.10.pdf Quality Assurance Contract Expiration Date 08/23/2028 Installation Instructions FL239_R30_II_23-0707.10.pdf Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:

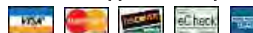
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Contact Us :: [2601 Blair Stone Road, Tallahassee FL 32399](#) Phone: 850-487-1824

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Product Approval Accepts:





MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208

Miami, Florida 33175-2474

T (786) 315-2590 F (786) 315-2599

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/economy

PGT Industries, LLC
3400 Precision Drive
North Venice, FL 34275

SCOPE:

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

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

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

DESCRIPTION: Series "SH-5500" PVC Single Hung Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. SH5500-NOA titled "Vinyl Single Hung Window (LM)", sheets 1 through 14 of 14, dated 05/15/15, with revision E dated 05/12/25, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

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

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

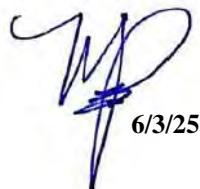
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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

This NOA **revises and renews** NOA No. 23-0707.12 and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4 and E-5, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**




6/3/25

NOA No. 25-0520.01
Expiration Date: July 30, 2030
Approval Date: June 12, 2025
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

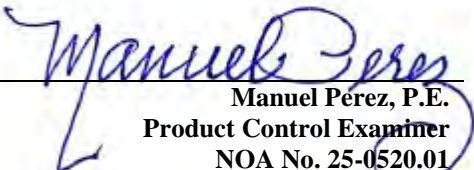
1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 15-0519.05)
2. Drawing No. **SH5500-NOA** titled "Vinyl Single Hung Window (LM)", sheets 1 through 13 of 13, dated 05/15/15, with revision **D** dated 07/05/23, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
(Submitted under NOA No. 23-0707.12)

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per ASTM F588 and TAS 202-94
along with marked-up drawings and installation diagram of all PGT Industries, Inc. representative units listed below and tested to qualify **Dowsil 791** and **Dowsil 983** silicones, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.: **FTL-7897**, PGT PW5520 PVC Fixed Window (unit 6 in proposal), dated 09/03/14
FTL-20-2107.1, PGT SGD780 Aluminum Sliding Glass Door (unit 7 in proposal)
FTL-20-2107.2, PGT CA740 Alum. Outswing Casement Window (unit 8 in proposal)
FTL-20-2107.3, PGT PW7620A Aluminum Fixed Window (unit 9 in proposal) and
FTL-20-2107.4, PGT PW7620A Aluminum Fixed Window (unit 10 in proposal) dated 07/13/20, all signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 20-0401.03)
2. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a PVC sliding glass door, a PVC fixed window and an aluminum sliding glass door, using: Kodispace 4SG TPS spacer system, Duraseal® spacer system, Super Spacer® NXT™ spacer system and XL Edge™ spacer system at insulated glass, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-8717**, **FTL-8968** and **FTL-8970**, dated 11/16/15, 06/07/16 and 06/02/16 respectively, all signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 16-0714.03)


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 25-0520.01
Expiration Date: July 30, 2030
Approval Date: June 12, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

B. TESTS (CONTINUED)

3. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
5) Large Missile Impact Test per FBC, TAS 201-94
6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a series 5500 PVC single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-7964**, dated 11/15/14, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 15-0519.05)
4. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a series 5500 PVC single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-7966**, dated 08/21/14, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 15-0519.05)

C. CALCULATIONS

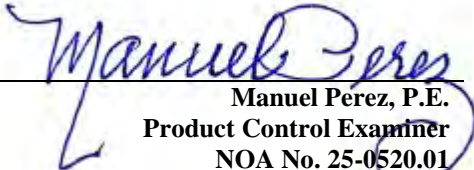
1. Anchor verification calculations and structural analysis, complying with FBC 5th Edition (2014), dated 05/15/15, 08/29/17 and updated on 03/10/20 to the FBC 7th Edition (2020), prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
(Submitted under NOA No. 20-0401.03)
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 05/09/19, expiring on 07/08/24.
2. Notice of Acceptance No. **18-0725.11** issued to **Kuraray America, Inc.** for their “**SentryGlas® Xtra™ (SGX™) (Clear and White) Glass Interlayers**” dated 05/23/19, expiring on 05/23/24.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 25-0520.01
Expiration Date: July 30, 2030
Approval Date: June 12, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

E. MATERIAL CERTIFICATIONS (CONTINUED)

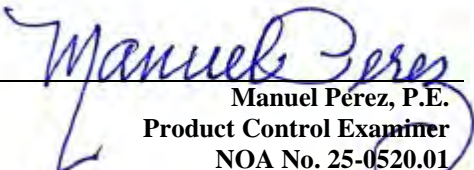
3. Notice of Acceptance No. **21-1109.04** issued to Vision Extrusions Group Limited, for their "**White Rigid PVC Exterior Extrusions for Windows and Doors**" dated 03/31/22, expiring on 09/30/24.
4. Notice of Acceptance No. **22-0104.04** issued to Vision Extrusions Group limited for their "**Bronze and Lighter Shades of Cap Coated Rigid PVC Exterior Extrusions for Windows and Doors**" dated 04/14/22, expiring on 12/29/26.
5. Notice of Acceptance No. **20-0203.04** issued to ENERGI Fenestration Solutions USA, Inc. for their "**Performance Core Rigid PVC Exterior Extrusions for Windows and Doors**" dated 02/27/20, expiring on 04/16/25.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)** and **FBC 8th Edition (2023)**, dated July 05, 2023, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
(Submitted under NOA No. 23-0707.12)
2. Statement letter of no financial interest, dated March 10, 2020, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
(Submitted under NOA No. 20-0401.03)
3. Proposal No. **19-1155 TP** issued by the Product Control Section, dated January 10, 2020, signed by Ishaq Chanda, P.E.
(Submitted under NOA No. 16-0714.03)
4. Proposal No. **16-0125** issued by the Product Control Section, dated March 09, 2016, signed by Ishaq Chanda, P.E.
(Submitted under NOA No. 16-0714.03)
5. Proposal issued by Product Control, dated 06/26/14 and revised on 08/19/14, signed by Jaime Gascon, P.E., Supervisor, Product Control Section.
(Submitted under NOA No. 15-0519.05)

G. OTHERS

1. Notice of Acceptance No. **20-0401.03**, issued to PGT Industries, Inc. for their Series "SH-5500" PVC Single Hung Window - L.M.I. approved on 07/23/20 and expiring on 07/30/25.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 25-0520.01
Expiration Date: July 30, 2030
Approval Date: June 12, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **SH5500-NOA** titled “Vinyl Single Hung Window (LM)”, sheets 1 through 14 of 14, dated 05/15/15, with revision **E** dated 05/12/25, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

B. TESTS

1. None.

C. CALCULATIONS

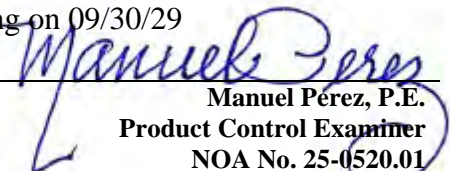
1. Anchor verification calculations and structural analysis, complying with FBC 8th Edition (2023), dated 05/12/25, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **24-0205.08** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 03/21/24, expiring on 07/08/29.
2. Notice of Acceptance No. **23-0717.30** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**” dated 08/31/23, expiring on 07/04/28.
3. Notice of Acceptance No. **24-0618.01**, issued to **Vision Extrusions Group Limited**, for their **White Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 07/18/24, expiring on 09/30/29.
4. Notice of Acceptance No. **24-0401.07**, issued to **Vision Extrusions Group Limited**, for their **Black and Lighter Shades of Cap Coated Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 05/09/24, expiring on 07/28/27.
5. Notice of Acceptance No. **23-0821.09**, issued to **Vision Extrusions Group Limited**, for their **Tan 3040 and Lighter Shades (Non White) Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 02/04/23, expiring on 02/04/26.
6. Notice of Acceptance No. **23-0830.05**, issued to **Vision Extrusions Group Limited**, for their **VE 1000 Tan 202 and Lighter Shades (Non-White) Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 10/26/23, expiring on 12/29/26.
7. Notice of Acceptance No. **24-0618.02**, issued to **Vision Extrusions Group Limited**, for their **Painted or Laminated White Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 07/18/24, expiring on 09/30/29


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 25-0520.01
Expiration Date: July 30, 2030
Approval Date: June 12, 2025

PGT Industries, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

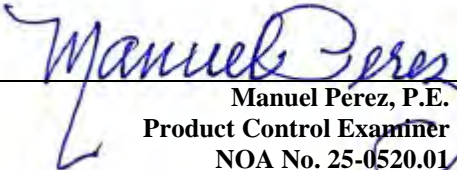
2. NEW EVIDENCE SUBMITTED (CONTINUED)

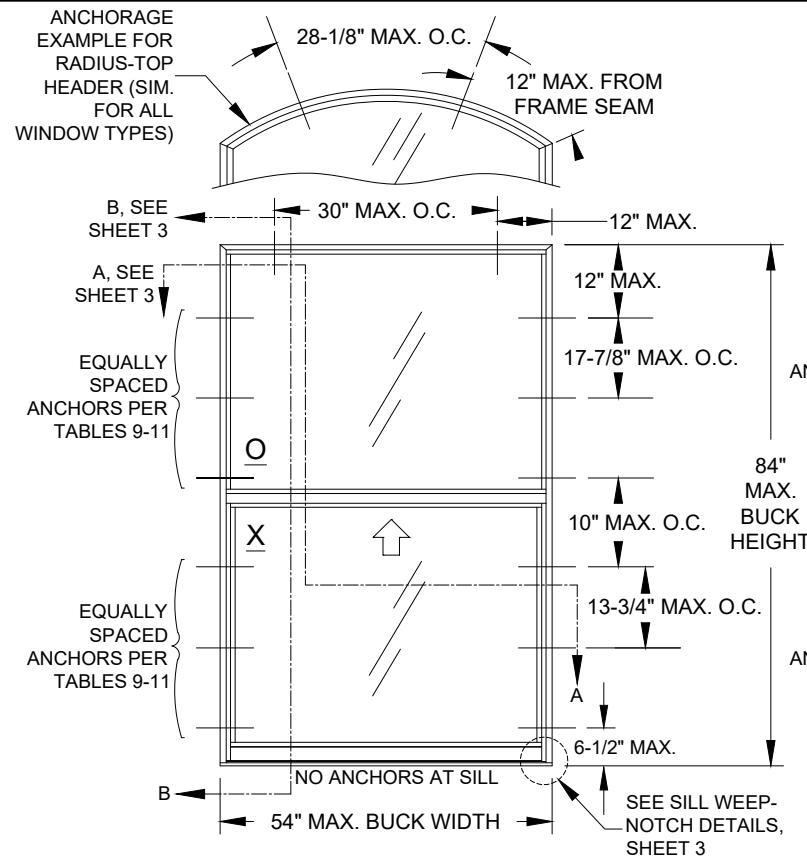
F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8th Edition (2023)**, dated May 12, 2025, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
2. Statement letter of no financial interest, dated May 12, 2025, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
3. Article of conversion of PGT Industries, Inc to PGT industries, LLC pdf provided on 12/24/24 by Ms. April Lee, Assistant General Counsel.
4. Florida Department of State, Division of Corporation listing # L2400142070 of PGT Industries LLC as active status since 12/17/24.
5. Florida Department of State, Division of Corporation listing # F03387 of PGT Industries, Inc as Inactive status.
6. PGT Name change organization chart layout prepared by RER (for file use only).

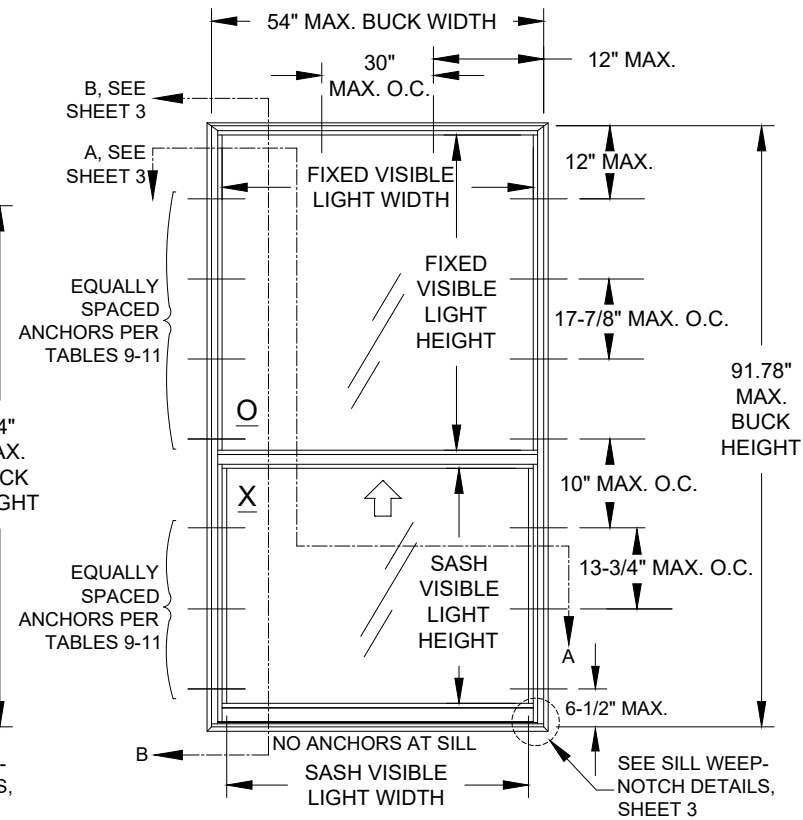
G. OTHERS

1. Notice of Acceptance No. **23-0707.12**, issued to PGT Industries, Inc. for their Series "SH-5500" PVC Single Hung Window - L.M.I. approved on 07/27/23 and expiring on 07/30/25.

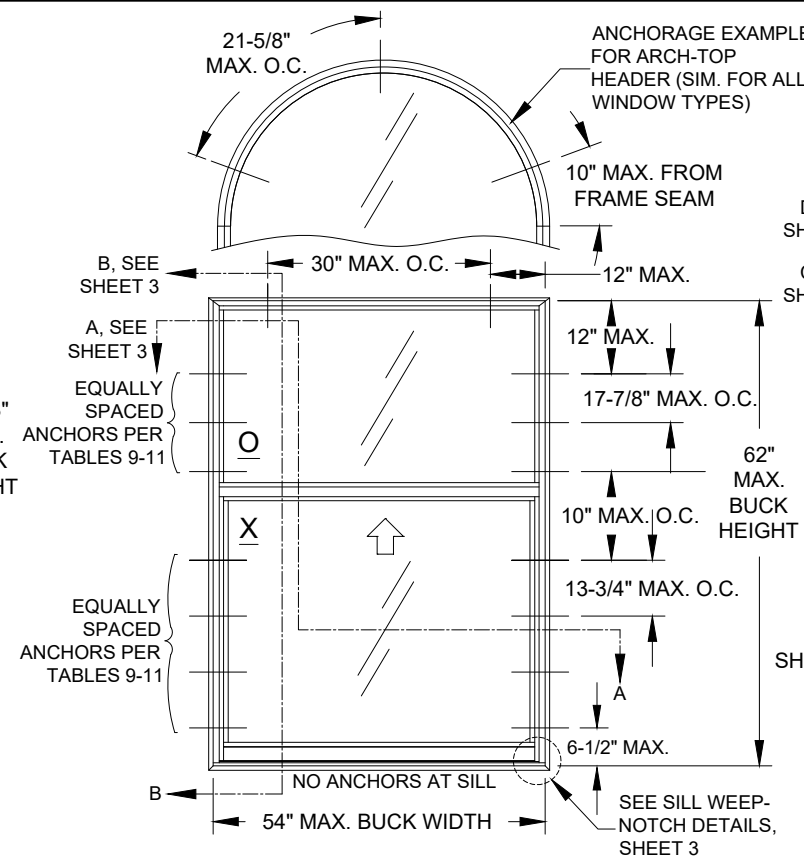

Manuel Perez, P.E.
Product Control Examiner
NOA No. 25-0520.01
Expiration Date: July 30, 2030
Approval Date: June 12, 2025



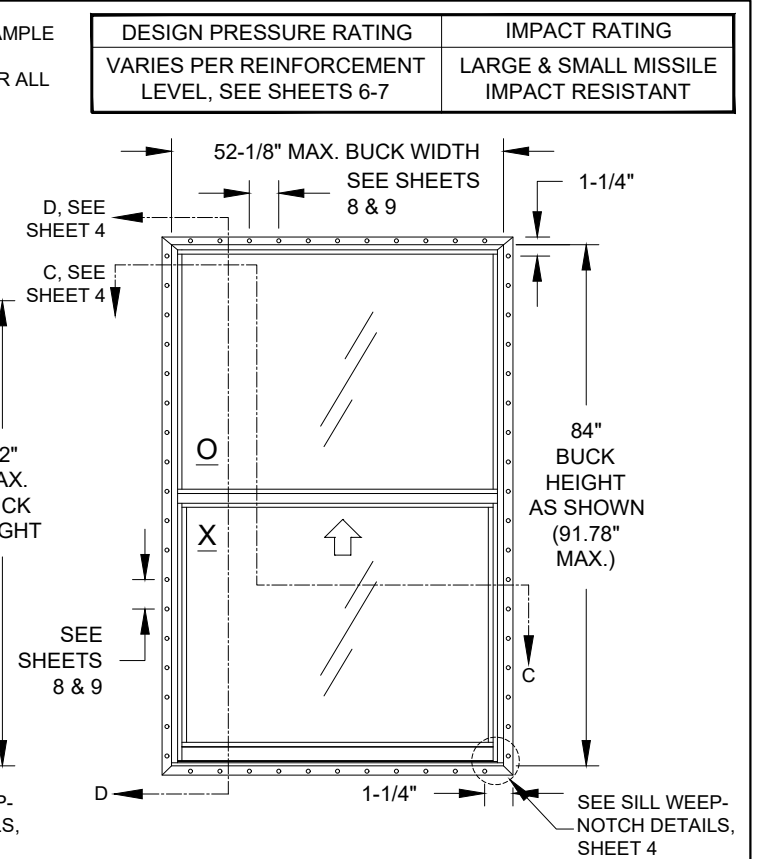
ELEVATION FOR TYP. EQUAL LEG FRAME SHOWN WITH EQUAL-LITE CONFIGURATION



ELEVATION FOR TYP. FLANGE FRAME SHOWN WITH ORIEL/PROVIEW CONFIGURATION



ELEVATION FOR TYP. FLANGE FRAME SHOWN WITH STANDARD COTTAGE CONFIGURATION FOR CUSTOM COTTAGE CONFIGURATION UP TO 75" HEIGHT SEE TABLES 4-11



ELEVATION FOR TYP. FIN OR J-CHANNEL FRAME SHOWN WITH EQUAL-LITE CONFIGURATION ANCHORED THROUGH THE NAIL-FIN (SIMILAR ANCHOR DIMENSIONS FOR OTHER CONFIGURATIONS)

DESIGN PRESSURE RATING VARIES PER REINFORCEMENT LEVEL, SEE SHEETS 6-7	IMPACT RATING LARGE & SMALL MISSILE IMPACT RESISTANT
--	---

GENERAL NOTES: SERIES 5500 IMPACT RESISTANT SINGLE HUNG WINDOW

- THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- SHUTTERS ARE NOT REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS. FOR INSULATED GLASS INSTALLATIONS ABOVE 30' IN THE HVHZ, THE OUTBOARD LITE (CAP) MUST TEMPERED.
- FOR MASONRY APPLICATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED MASONRY ANCHORS. MATERIALS USED FOR ANCHOR EVALUATIONS WERE SOUTHERN PINE, ASTM C90 CONCRETE MASONRY UNITS AND CONCRETE WITH MIN. KSI PER ANCHOR TYPE.
- ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SUBSTRATE. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND SECURED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER, (EOR) OR ARCHITECT OF RECORD, (AOR).
- ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT LENGTH TO ACHIEVE REQUIRED MIN. EMBEDMENT. INST. ANCHORS SHOULD BE SEALED. OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.
- 1/4" MAX. SHIMS ARE REQUIRED AT EACH ANCHOR LOCATION WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE. USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS.
- DESIGN PRESSURES:
 - NEGATIVE DESIGN LOADS BASED ON STRUCTURAL & CYCLE TESTING AND GLASS PER ASTM E1300.
 - POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE, STRUCTURAL & CYCLE TESTING AND GLASS PER ASTM E1300.
 - DESIGN LOADS ARE BASED ON ALLOWABLE STRESS DESIGN, ASD.
- THE ANCHORAGE METHODS SHOWN HAVE BEEN DESIGNED TO RESIST THE WINDLOADS CORRESPONDING TO THE REQUIRED DESIGN PRESSURE. THE 33-1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. THE 1.6 LOAD DURATION FACTOR WAS USED FOR THE EVALUATION OF ANCHORS INTO WOOD. ANCHORS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE FOR CORROSION RESISTANCE.
- METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
- REFERENCES: TEST REPORTS FTL-7964 & 7966; ELCO ULTRACON NOA; DEWALT ULTRACON+ NOA; ELCO/DEWALT CRETEFLX NOA; ELCO/DEWALT AGGRE-GATOR NOA; VISION EXTRUSION, LTD WHITE & BRONZE/LIGHTER SHADES OF CAP COATED PVC EXTRUSION NOA'S; NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, ANSI/AF&PA NDS & ALUMINUM DESIGN MANUAL
- APPLICABLE EGRESS REQUIREMENTS TO BE REVIEWED BY BUILDING OFFICIAL.
- FRAME FLANGES OR INTEGRAL FINNS MAY BE TRIMMED IN-FIELD TO CREATE AN EQUAL-LEG FRAME.

USER INSTRUCTIONS:

- DETERMINE THE SITE SPECIFIC, WINDOW OPENING'S DESIGN PRESSURE REQUIREMENT FROM ASCE 7.
- DETERMINE THE MOST SUITABLE ANCHOR GROUP FROM TABLES 2 OR 3 ACCORDING TO THE INSTALLATION CONDITIONS.
- KNOWING YOUR GLAZING OPTION (TABLE 1), WINDOW CONFIGURATION AND SIZE, DETERMINE YOUR WINDOW'S DESIGN PRESSURE FROM TABLES 4-8. IT MUST EQUAL OR EXCEED THE DESIGN PRESSURE REQUIREMENT FOR THE WINDOW OPENING OBTAINED IN STEP 1.
- DETERMINE THE ANCHOR QUANTITY FROM TABLES 9-12. VERIFY THE ANCHOR/SUBSTRATE WILL MEET REQUIREMENTS FOR YOUR OPENING'S CONDITION FROM TABLES 2 OR 3, AND THAT ALL MIN. REQUIREMENTS FROM THIS SHEET-SET ARE MET.
- INSTALL AS PER SHEET 3 FOR THRU-FRAME INSTALLATION OR SHEET 4 FOR INTEGRAL FIN INSTALLATION.

NOTE: DESIGN PRESSURE RATING DETERMINATION IS THE SAME PROCESS FOR ALL FRAME TYPES (J-CHANNEL, FLANGE, INTEGRAL FIN OR EQUAL LEG/BOX).

CODES / STANDARDS USED:

- 2023 FLORIDA BUILDING CODE (FBC), 8TH EDITION
- ASTM E1300-09
- ANSI/AF&PA NDS-2018 FOR WOOD CONSTRUCTION
- ALUMINUM DESIGN MANUAL, ADM-2020
- AISI S100-16
- AISC 360-16

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INSTALLATION, FLANGE & EQUAL LEG/BOX.....	3
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PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. 25-0520.01
Expiration Date: 07/30/2030
By: *Manuel Ferrer*
Miami-Dade Product Control

 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296
	VINYL SINGLE HUNG WINDOW (LM) Date 05/15/15 GENERAL NOTES & ELEVATION Drawn By JENS ROSOWSKI ERASE 2020 FBC REFERENCE, UPDATE COMPANY ADDRESS - AM Rev Date 05/12/25
SH5500 Sheet 1 OF 14 DWG No. SH5500-NOA Rev. E	

A. LYNN MILLER, P.E.
P.E.# 58705

TABLE 1: ALLOWABLE GLASS TYPES

Glass Type	Description (Listed from Exterior to Interior)	Design Pressure	
		Table #	Sheet #
5	7/8" Laminated I.G.: 1/8" A Exterior Cap + 7/16" Air Space + 5/16" Laminated; (2) Lites of 1/8" A Glass with .090" PVB Interlayer	4, 5	6
6	7/8" Laminated I.G.: 1/8" T Exterior Cap + 7/16" Air Space + 5/16" Laminated; (2) Lites of 1/8" A Glass with .090" PVB Interlayer	4, 6	6
7	7/8" Laminated I.G.: 3/16" A Exterior Cap + 3/8" Air Space + 5/16" Laminated; (2) Lites of 1/8" A Glass with .090" PVB Interlayer	4, 6	6
8	7/8" Laminated I.G.: 3/16" T Exterior Cap + 3/8" Air Space + 5/16" Laminated; (2) Lites of 1/8" A Glass with .090" PVB Interlayer	4, 6	6
9	7/8" Laminated I.G.: 1/8" A Exterior Cap + 7/16" Air Space + 5/16" Laminated; (2) Lites of 1/8" H Glass with .090" SG Interlayer	7	7
10	7/8" Laminated I.G.: 1/8" T Exterior Cap + 7/16" Air Space + 5/16" Laminated; (2) Lites of 1/8" H Glass with .090" SG Interlayer	7	7
11	7/8" Laminated I.G.: 3/16" A Exterior Cap + 3/8" Air Space + 5/16" Laminated; (2) Lites of 1/8" H Glass with .090" SG Interlayer	7	7
12	7/8" Laminated I.G.: 3/16" T Exterior Cap + 3/8" Air Space + 5/16" Laminated; (2) Lites of 1/8" H Glass with .090" SG Interlayer	7	7
13	7/8" Laminated I.G.: 1/8" A Exterior Cap + 5/16" Air Space + 7/16" Laminated; (2) Lites of 3/16" A Glass with .090" SG Interlayer	8	7
14	7/8" Laminated I.G.: 1/8" T Exterior Cap + 5/16" Air Space + 7/16" Laminated; (2) Lites of 3/16" A Glass with .090" SG Interlayer	8	7
15	7/8" Laminated I.G.: 3/16" A Exterior Cap + 1/4" Air Space + 7/16" Laminated; (2) Lites of 3/16" A Glass with .090" SG Interlayer	7	7
16	7/8" Laminated I.G.: 3/16" T Exterior Cap + 1/4" Air Space + 7/16" Laminated; (2) Lites of 3/16" A Glass with .090" SG Interlayer	7	7

TABLE 2: ALLOWABLE ANCHORS THROUGH THE FRAME

Group	Anchor	Substrate	Min. Edge Distance	Min. Embedment*
A	#10 SMS (steel, 18-8 S.S. or 410 S.S.)	P.T. Southern Pine (SG=0.55)	7/16"	1-3/8"
		Steel, A36*	3/8"	0.050"
		Steel Stud, A653 Gr. 33*	3/8"	0.0451" (18 Ga.)
	3/16" steel Ultracon+	P.T. Southern Pine (SG=0.55)	7/16"	1-3/8"
		Concrete (min. 3 ksi)	1"	1-3/8"
B	#12 SMS (steel, 18-8 S.S. or 410 S.S.)	P.T. Southern Pine (SG=0.55)	9/16"	1-3/8"
		Steel, A36*	3/8"	0.050"
		Aluminum, 6063-T5*	3/8"	0.063"
	1/4" steel Ultracon+	P.T. Southern Pine (SG=0.55)	1"	1-3/8"
	1/4" steel Creteflex	P.T. Southern Pine (SG=0.55)	1"	1-3/8"
C	1/4" steel Ultracon+	Concrete (min. 3 ksi)	1-3/16"	1-3/4"
		UngROUTED CMU, (ASTM C-90)	1"	1-1/4"
	1/4" steel Creteflex	Concrete (min. 3.35 ksi)	1"	1-3/4"
D	1/4" steel Ultracon+	Concrete (min. 3 ksi)	2-1/2"	1-3/4"
		UngROUTED CMU, (ASTM C-90)	2-1/2"	1-1/4"
	1/4" steel Creteflex	Concrete (min. 3.35 ksi)	2-1/2"	1-3/4"
		UngROUTED CMU, (ASTM C-90)	2-1/2"	1-1/4"
		Concrete (min. 3.275 ksi)	1-1/2"	1-3/8"
	1/4" steel Aggre-Gator	GROUTED CMU, (ASTM C-90)	2"	2"

* MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE.
"UNGROUTED CMU" VALUES MAY BE USED FOR GROUDED CMU APPLICATIONS.

GLASS TYPES 5, 7, 9, 11, 13 & 15 MAY NOT BE USED IN THE HVHZ ABOVE 30'.

Frame Types (see Fig B)	Glass Options (see Table 1)	Frame Configs. (see Fig A)	Frame Shapes (see Fig C)	Installation Options that may be used
Flange (#2)	5 - 16	Equal-Lite, Oriel/Proview & Cottage	Square/Rect., Arch-Top & Radius-Top	Through the frame of the window.....
			into 2X Wood Frame/Buckstrip - sheet 3, option 1
			into Concrete/CMU - sheet 3, option 2
Box / Equal-Leg (#4)	5 - 16	Equal-Lite, Oriel/Proview & Cottage	Square/Rect., Arch-Top & Radius-Top	Through the frame of the window.....
			into 2X Wood Frame/Buckstrip - sheet 3, option 1
			into Concrete/CMU - sheet 3, option 2
J-Channel (#1)	5 - 8	Equal-Lite, Oriel/Proview & Cottage	Square/Rect., Arch-Top & Radius-Top	Through the integral fin.....
			into 2X Wood Frame/Buckstrip - sheet 4, option 5
			into Metal - sheet 4, option 7
Integral Fin (#3)	5 - 8	Equal-Lite, Oriel/Proview & Cottage	Square/Rect., Arch-Top & Radius-Top	Through the frame of the window.....
			into 2X Wood Frame/Buckstrip - sheet 4, option 6
			into Metal - sheet 4, option 8

FIGURE A: FRAME CONFIGURATIONS

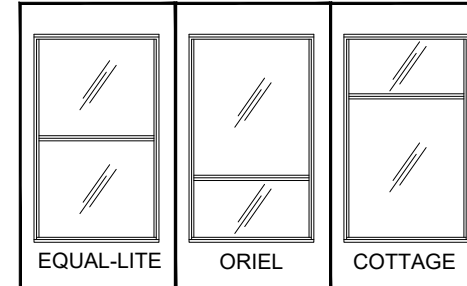
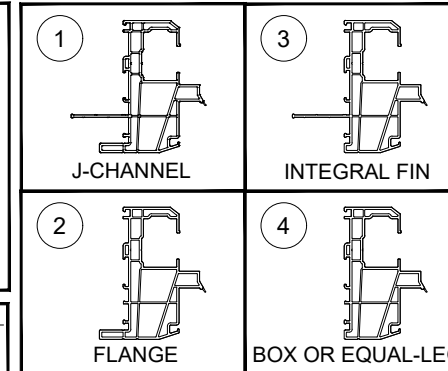
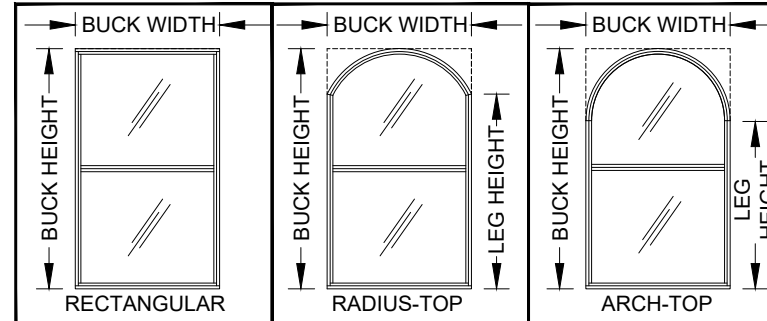


FIGURE B: FRAME TYPES



"A" = ANNEALED
"H" = HEAT STRENGTHENED
"T" = TEMPERED
"PVB" = .090" TROSIFOL® PVB BY KURARAY AMERICA, INC.
"SG" = .090" SENTRYGLAS® INTERLAYER BY KURARAY AMERICA, INC.

FIGURE C: FRAME SHAPES



WINDOW SHAPES AS ABOVE OR SIMILAR ARE APPROVED. SHAPES MAY BE USED BY INSCRIBING THE SHAPE IN A BLOCK AND OBTAINING DESIGN PRESSURES AND ANCHORAGE FOR THAT BLOCK SIZE FROM THE TABLES ON SHEETS 6-10.

TABLE 3: ALLOWABLE ANCHORS THROUGH THE INTEGRAL FIN

Group	Anchor	Substrate	Min. Edge Distance	Min. Embedment*
E	2-1/2" x .131" Common Nail	P.T. Southern Pine (SG=.55)	3/8"	2-7/16"
F	2-1/2" Ring-shank Roofing Nail	P.T. Southern Pine (SG=.55)	3/8"	2-7/16"
		P.T. Southern Pine (SG=.55)	1/2"	1-3/8"
	#10 Trusshead SMS (steel, 18-8 S.S. or 410 S.S.)	Aluminum, 6063-T5*	3/8"	0.050"
		Steel Stud, Gr. 33*	3/8"	0.0451" (18 Ga.)
		Steel, A36*	3/8"	0.050"
#12 SMS (steel, 18-8 S.S. or 410 S.S.)	P.T. Southern Pine (SG=.55)	9/16"	1-3/8"	
	Aluminum, 6063-T5*	3/8"	0.063"	
	Steel Stud, Gr. 33*	3/8"	0.050"	
		Steel, A36*	3/8"	0.050"

* MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE.

PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. 25-0520.01
Expiration Date: 07/30/2030
By: *Manuel Perez*
Miami-Dade Product Control

PGT
Custom Windows and Doors
3400 PRECISION DRIVE
N. VENICE, FL 34275
(941) 480-1600

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

Rev. Desc. Title Date
05/15/15
VINYL SINGLE HUNG WINDOW (LM)
Rev. Desc. Title Date
05/12/25
GLASS/ANCHOR/FRAME OPTIONS Drawn By JENS ROSOWSKI
Rev. Desc. Title Date
05/12/25
NO CHANGES THIS SHEET - AM
Series Rev. Desc. Title Date
SH5500 Sheet 2 OF 14 DWG No. SH5500-NOA Rev. E

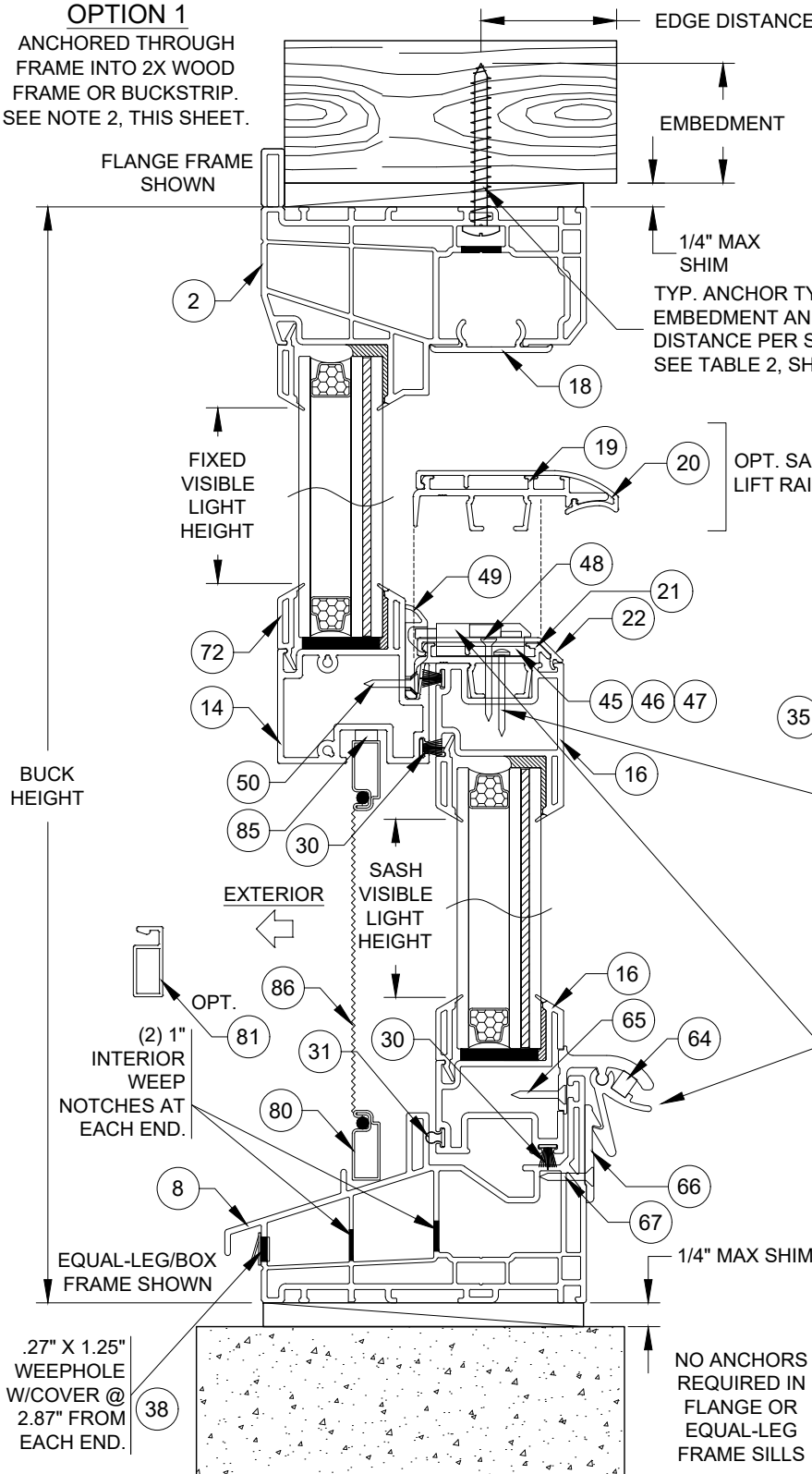
Material	Min. F _y	Min. F _u
Steel Screw	92 ksi	120 ksi
18-8 Screw	60 ksi	95 ksi
410 Screw	90 ksi	110 ksi
Elco/DeWalt Aggre-Gator®	57 ksi	96 ksi
3/16" DeWalt UltraCon+®	117 ksi	164 ksi
1/4" DeWalt UltraCon+®	148 ksi	164 ksi
410 SS Elco/DeWalt CreteFlex®	127.4 ksi	189.7 ksi
6063-T5 Aluminum	16 ksi	22 ksi
A36 Steel	36 ksi	58 ksi
Gr. 33 Steel Stud	33 ksi	45 ksi

ANTHONY LYNN MILLER
LICENSE
No. 58705
05/12/25
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

INSTALLATION DETAILS FOR FLANGE & EQUAL-LEG/BOX FRAMES

INSTALLATION OPTION 1

ANCHORED THROUGH FRAME INTO 2X WOOD FRAME OR BUCKSTRIP. SEE NOTE 2, THIS SHEET.



VERTICAL SECTION B-B

BUCK HEIGHT

.27" X 1.25" W/COVER @ 2.87" FROM EACH END.

NO ANCHORS REQUIRED IN FLANGE OR EQUAL-LEG FRAME SILLS

FOR ALL WINDOWS: 1 ANCHOR @ 3.55" FROM END AND AT CENTER.
FOR WINDOWS OVER 36" WIDE: ADD ADDITIONAL SCREWS @ 16-3/8" FROM END.
FOR WINDOWS WITH BOTTOM LOCKS: ADD ADDITIONAL SCREWS @ 8-3/8" FROM END.

USE EITHER LATCH OR BOTTOM LOCK. TESTED UNIT LOCATION: 6-5/8" FROM SASH END.

NOTES:

1) USE ONLY SUBSTRATE-APPROPRIATE ANCHORS LISTED ON TABLE 2, SHEET 2. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY SIDE OF THE WINDOW.

2) MASONRY ANCHORS MAY BE USED INTO WOOD AS PER TABLE 2, SHEET 2. ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SUBSTRATE. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.

3) VISIBLE LIGHT WIDTH OR HEIGHT (ALSO REFERRED TO AS DAYLIGHT OPENING) IS MEASURED FROM BEADING TO BEADING.

4) ALL ANCHOR HEAD TYPES ARE ACCEPTABLE.

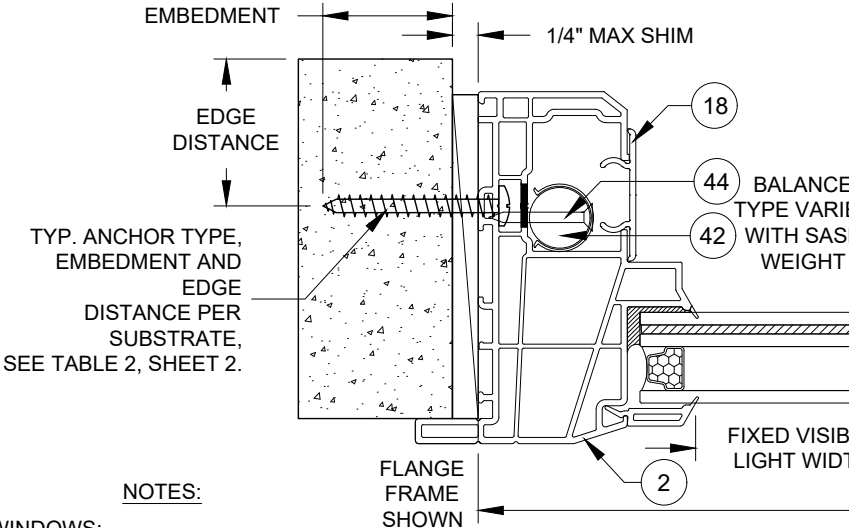
VISIBLE LIGHT FORMULAS

WIDTH
@SASH: BUCK WIDTH - 6-1/2"
@ FIXED LITE: BUCK WIDTH - 4-3/8"

HEIGHT (EQUAL-LITE)
BUCK HEIGHT/2 - 3-15/16"

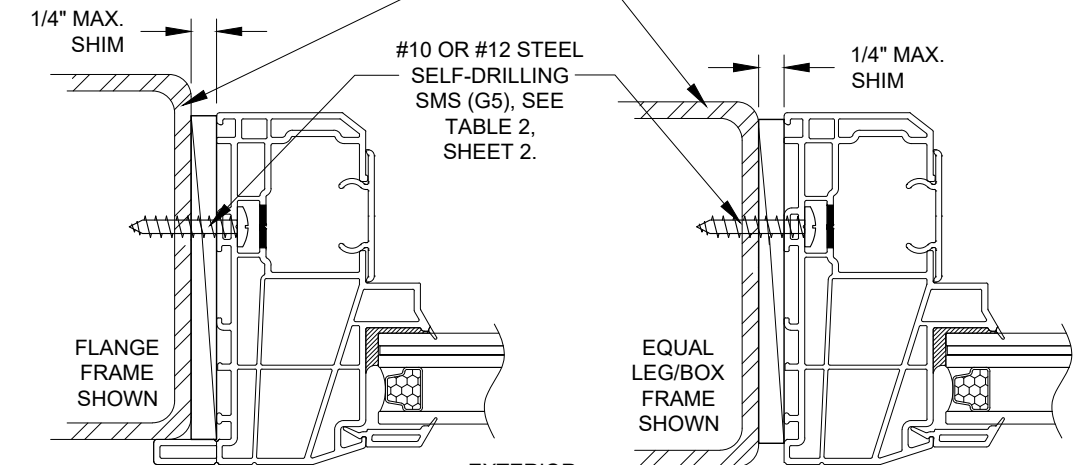
INSTALLATION OPTION 2

ANCHORED THROUGH FRAME DIRECTLY INTO CONCRETE/CMU.



HORIZONTAL SECTION A-A

DADE APPROVED MULLION, FBC COMPLIANT ALUMINUM/STEEL FRAMING OR STEEL STUD. MAY BE VERTICAL OR HORIZONTAL. SEE SUBSTRATE PROPERTIES, TABLE 2, SHEET 2.



INSTALLATION OPTION 4

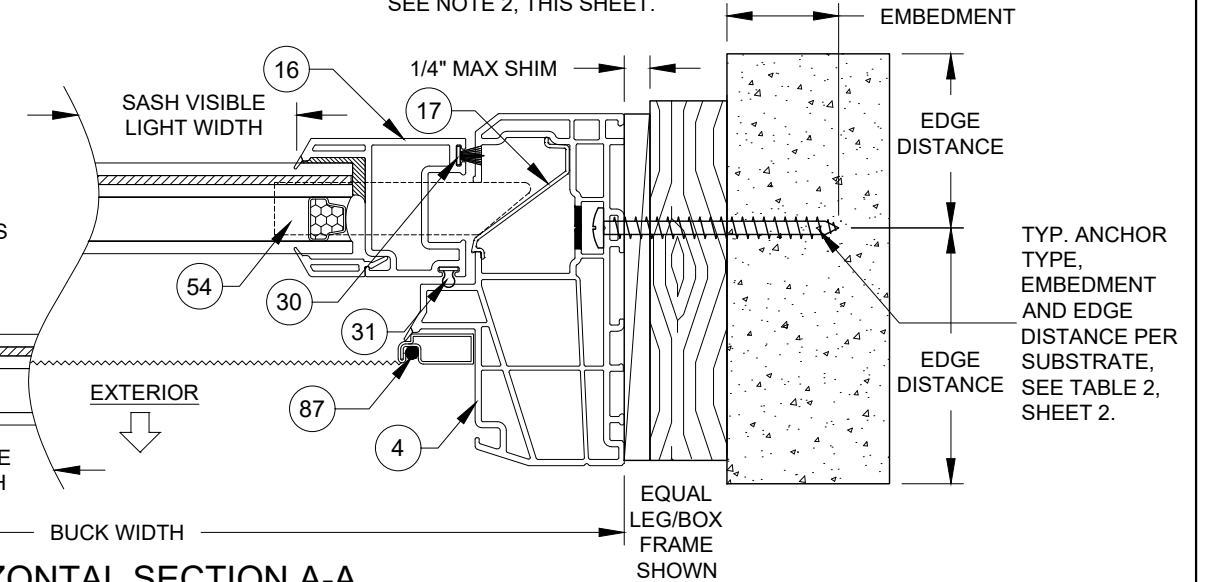
ANCHORED THROUGH FRAME INTO METAL

INSTALLATION OPTION 4

ANCHORED THROUGH FRAME INTO METAL

INSTALLATION OPTION 3

ANCHORED THROUGH FRAME AND 1X BUCKSTRIP INTO CONCRETE/CMU. SEE NOTE 2, THIS SHEET.

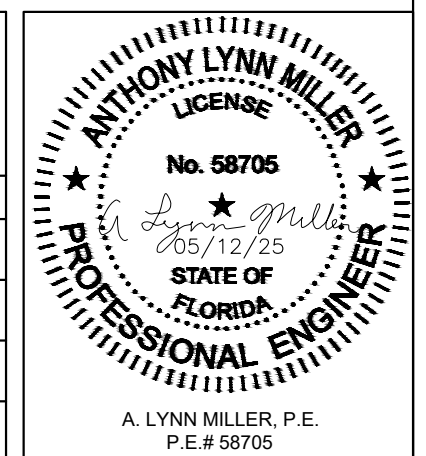


EXTERIOR

EXTERIOR

PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. 25-0520.01
Expiration Date: 07/30/2030
By: *Manuel Perez*
Miami-Dade Product Control

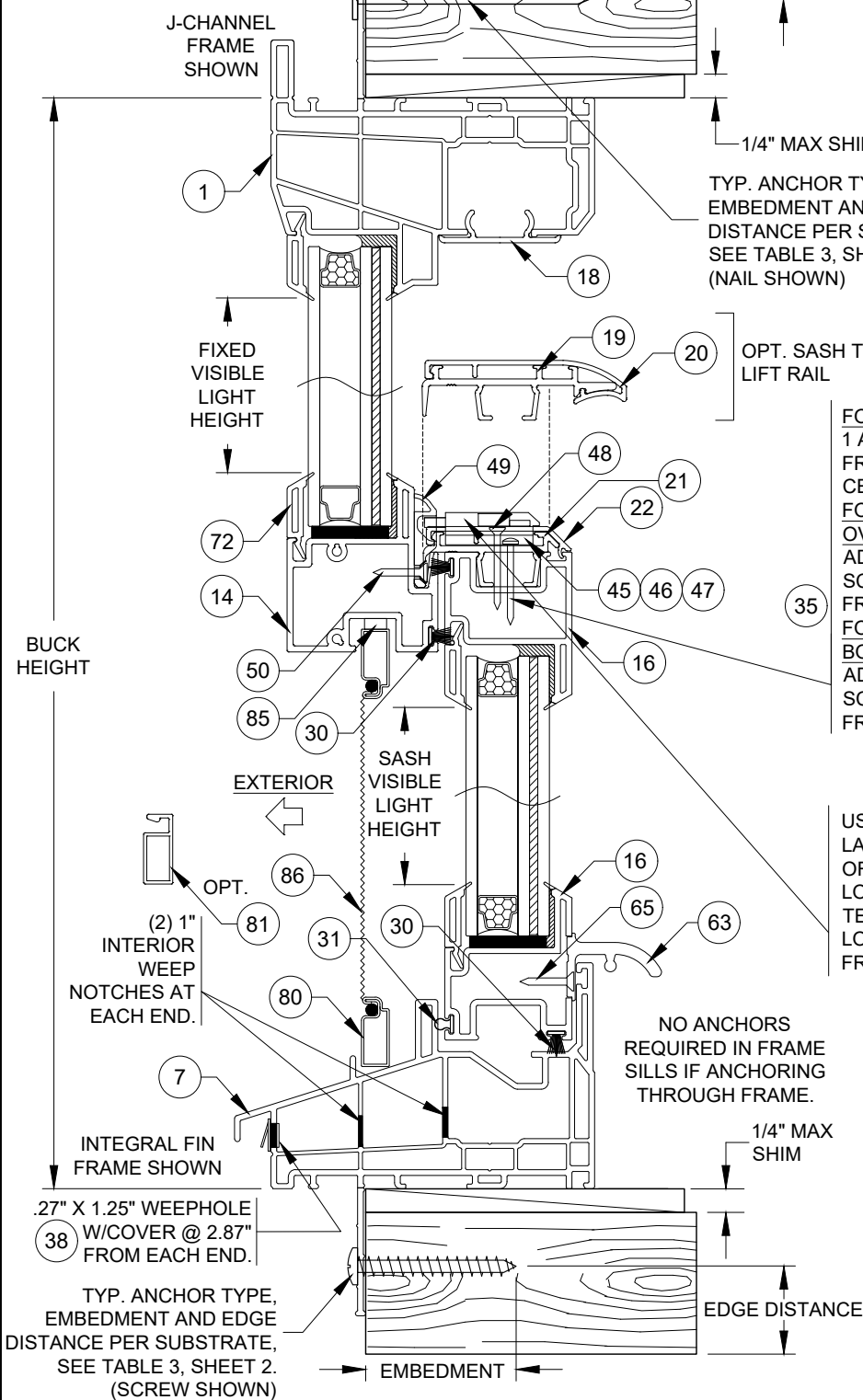
PGT Custom Windows and Doors		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	
3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296	
Series	Desc.	Date	
VINYL SINGLE HUNG WINDOW (LM)		05/15/15	
FLANGE & EQUAL-LEG FRAMES	Drawn By	JENS ROSOWSKI	
NO CHANGES THIS SHEET - AM	Rev Date	05/12/25	
SH5500	Sheet	3 OF 14	DWG No. SH5500-NOA
			Rev. E



A. LYNN MILLER, P.E.
P.E.# 58705

INSTALLATION DETAILS FOR INTEGRAL FIN & J-CANNEL FRAMES

INSTALLATION OPTION 5
 ANCHORED THROUGH INTEGRAL FIN INTO 2X WOOD FRAME OR BUCK-STRIP. SEE NOTE 2, THIS SHEET.

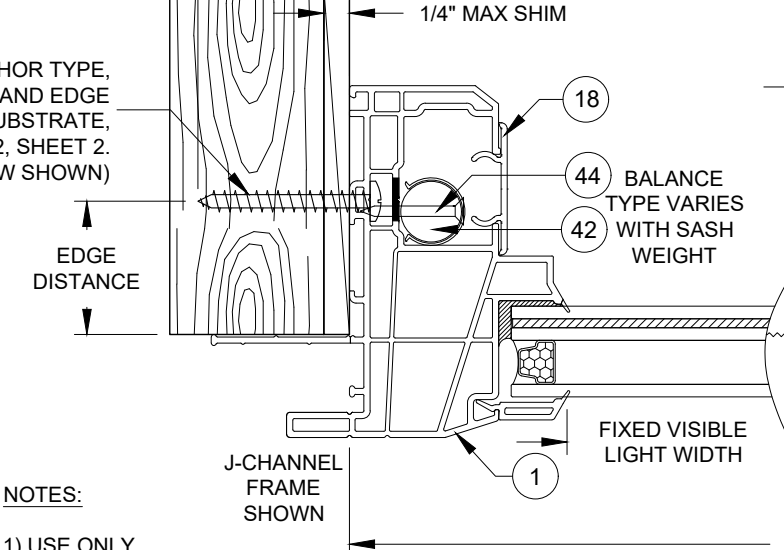


INSTALLATION OPTION 5
 ANCHORED THROUGH INTEGRAL FIN INTO 2X WOOD FRAME OR BUCK-STRIP. SEE NOTE 2, THIS SHEET.

VERTICAL SECTION D-D

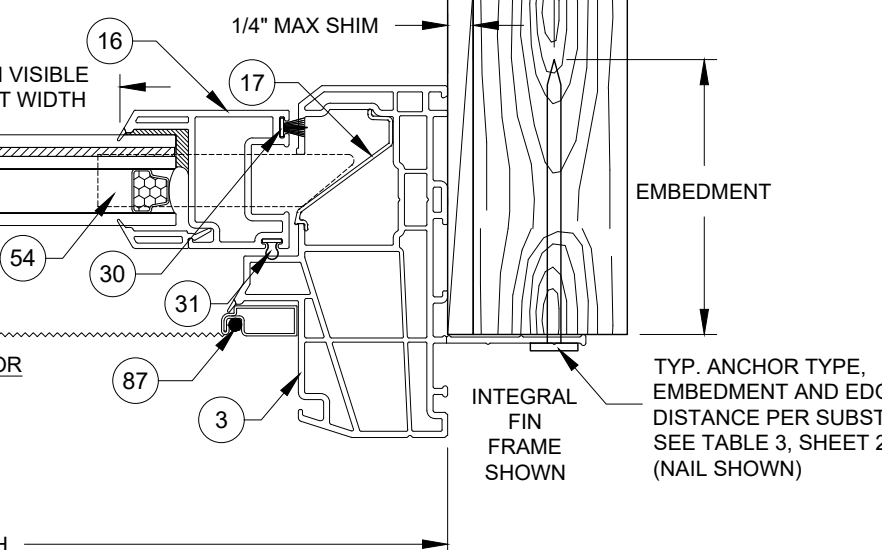
VISIBLE LIGHT FORMULAS
 WIDTH
 @SASH: BUCK WIDTH - 6-1/2"
 @FIXED LITE: BUCK WIDTH - 4-3/8"
 HEIGHT (EQUAL-LITE)
 BUCK HEIGHT/2 - 3-15/16"

INSTALLATION OPTION 6
 ANCHORED THROUGH FRAME INTO 2X WOOD FRAME OR BUCKSTRIP. SEE NOTE 2, THIS SHEET.

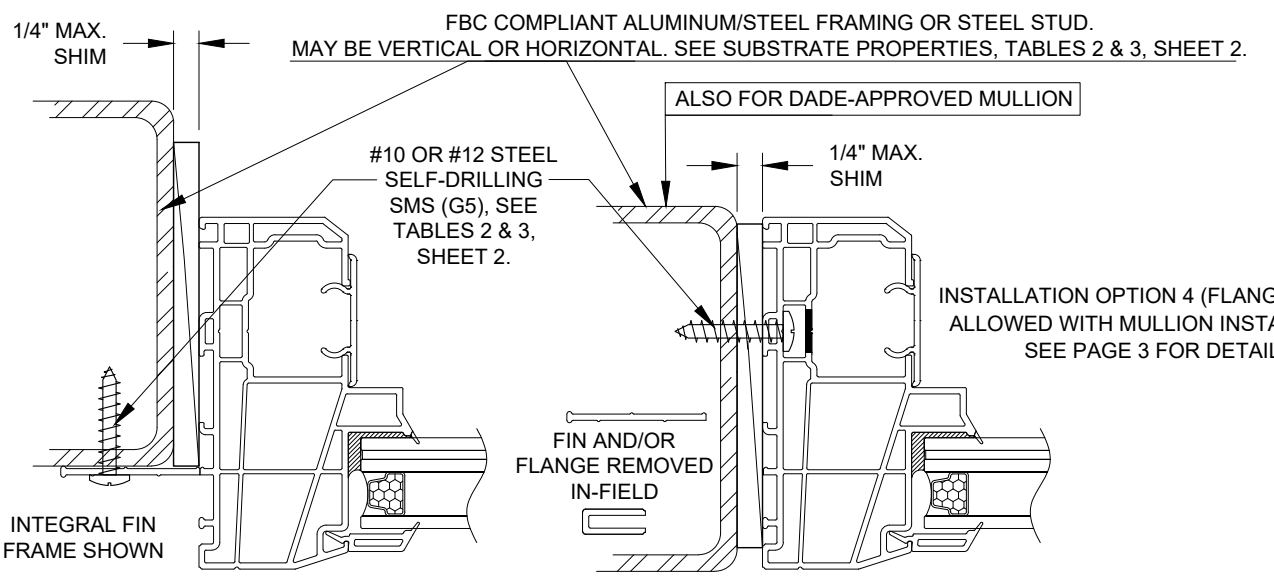


NOTES:
 1) USE ONLY SUBSTRATE-APPROPRIATE ANCHORS LISTED ON TABLES 2 & 3 OF SHEET 2. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY SIDE OF THE WINDOW.
 2) MASONRY ANCHORS MAY BE USED INTO WOOD AS PER TABLE 2, SHEET 2. ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SUBSTRATE. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
 3) VISIBLE LIGHT WIDTH OR HEIGHT (ALSO REFERRED TO AS DAYLIGHT OPENING) IS MEASURED FROM BEADING TO BEADING.
 4) ALL ANCHOR HEAD TYPES ARE ACCEPTABLE.

INSTALLATION OPTION 5
 ANCHORED THROUGH INTEGRAL FIN INTO 2X WOOD FRAME OR BUCKSTRIP. SEE NOTE 2, THIS SHEET.



HORIZONTAL SECTION C-C

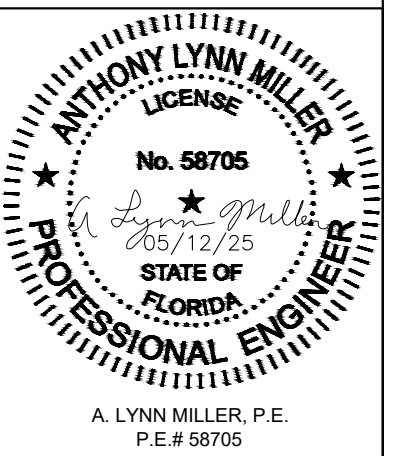


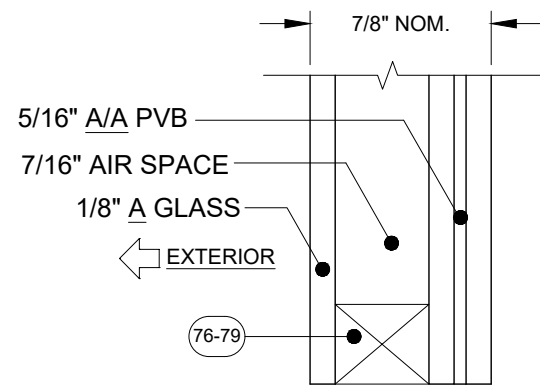
INSTALLATION OPTION 7
 ANCHORED THROUGH INTEGRAL FIN INTO METAL

INSTALLATION OPTION 8
 ANCHORED THROUGH FRAME INTO METAL (INTEGRAL FIN/FLANGE REMOVED)

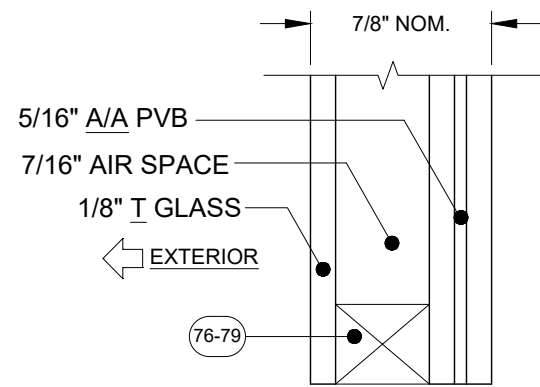
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 By: *Manuel Perez*
 Miami-Dade Product Control

PGT Custom Windows and Doors 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	
Series	SH5500	Date	05/15/15
Desc.	VINYL SINGLE HUNG WINDOW (LM)	Drawn By	JENS ROSOWSKI
Rev	NO CHANGES THIS SHEET - AM	Rev Date	05/12/25
Sheet	4 OF 14	DWG No.	SH5500-NOA
		Rev	E

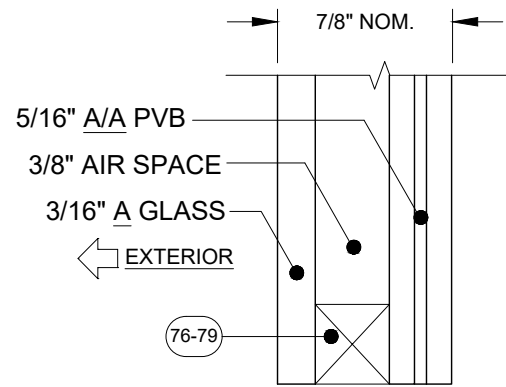




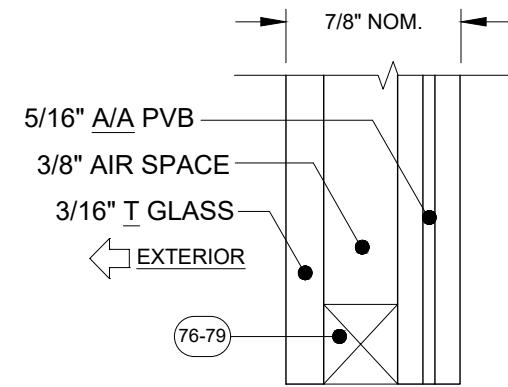
GLASS TYPE 5



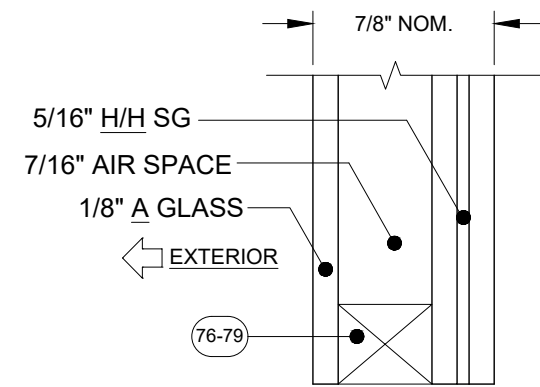
GLASS TYPE 6



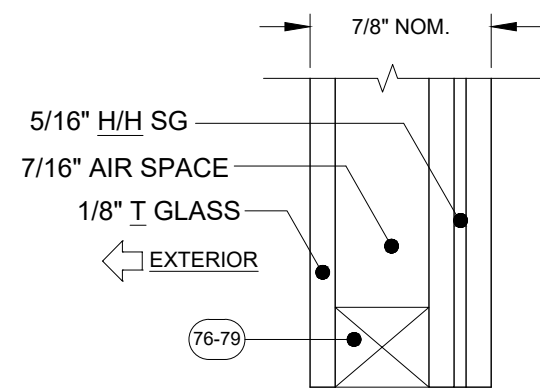
GLASS TYPE 7



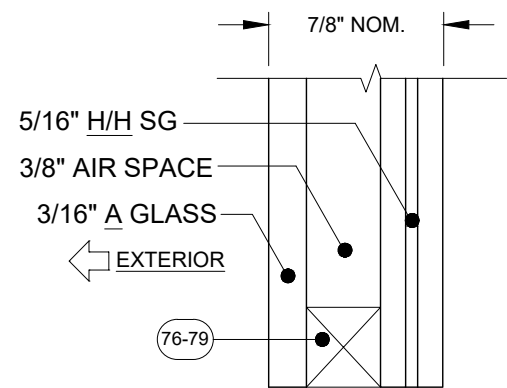
GLASS TYPE 8



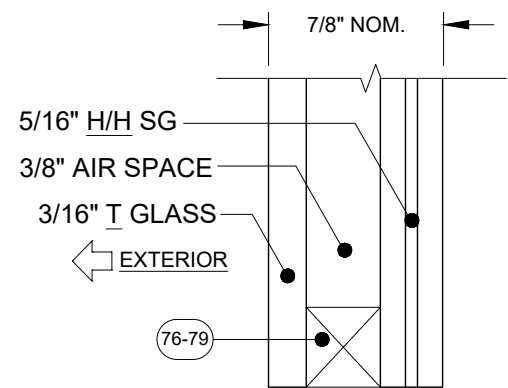
GLASS TYPE 9



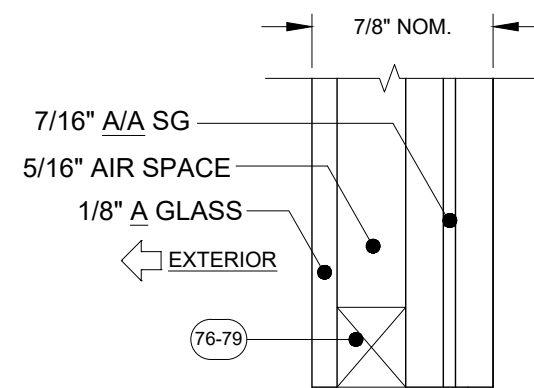
GLASS TYPE 10



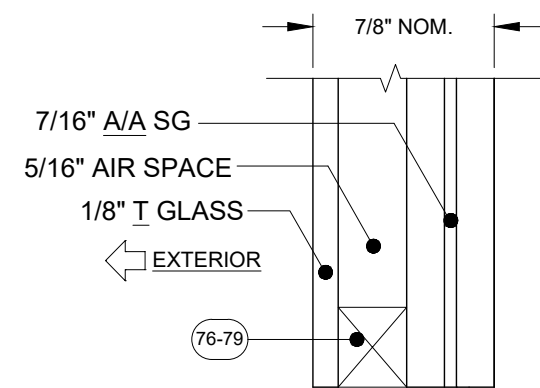
GLASS TYPE 11



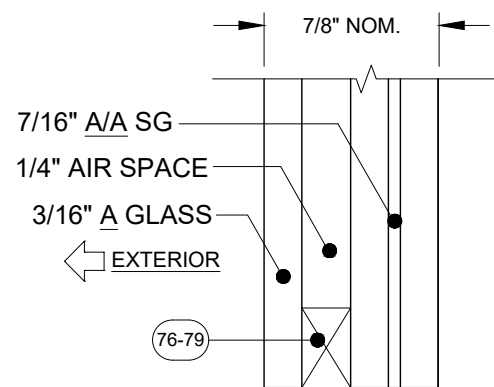
GLASS TYPE 12



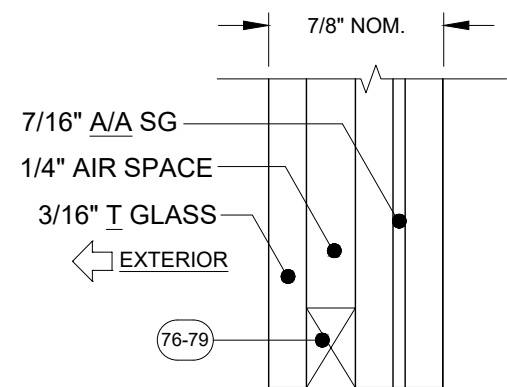
GLASS TYPE 13



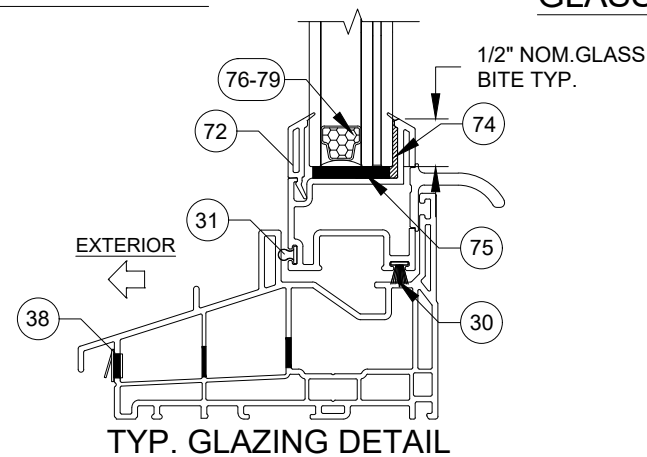
GLASS TYPE 14



GLASS TYPE 15



GLASS TYPE 16



TYP. GLAZING DETAIL

GLAZING NOTES:
 "A" = ANNEALED
 "H" = HEAT STRENGTHENED
 "T" = TEMPERED
 "PVB" = .090" TROSIFOL® PVB BY KURARAY AMERICA, INC.
 "SG" = .090" SENTRYGLAS® BY KURARAY AMERICA, INC.

GLASS TYPES 9 THROUGH 16 MAY NOT BE USED WITH J-CHANNEL OR INTEGRAL FIN FRAMES

GLASS TYPES 5, 7, 9, 11, 13 & 15 MAY NOT BE USED IN THE HVHZ ABOVE 30'.

FOR LAMINATED GLAZING COMPONENTS, SEE TABLE 1, SHEET 2.

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PGT Custom Windows and Doors 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	
Series	Rev	Date	
SH5500	5 OF 14	05/15/15	
VINYL SINGLE HUNG WINDOW (LM)		Date	
GLAZING DETAILS		Drawn By JENS ROSOWSKI	
NO CHANGES THIS SHEET - AM		Rev Date 05/12/25	
Series	Rev	Date	
SH5500	5 OF 14	05/15/15	
DWG No.	SH5500-NOA	Rev.	E

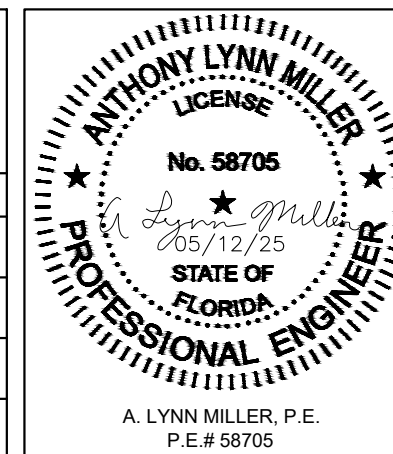
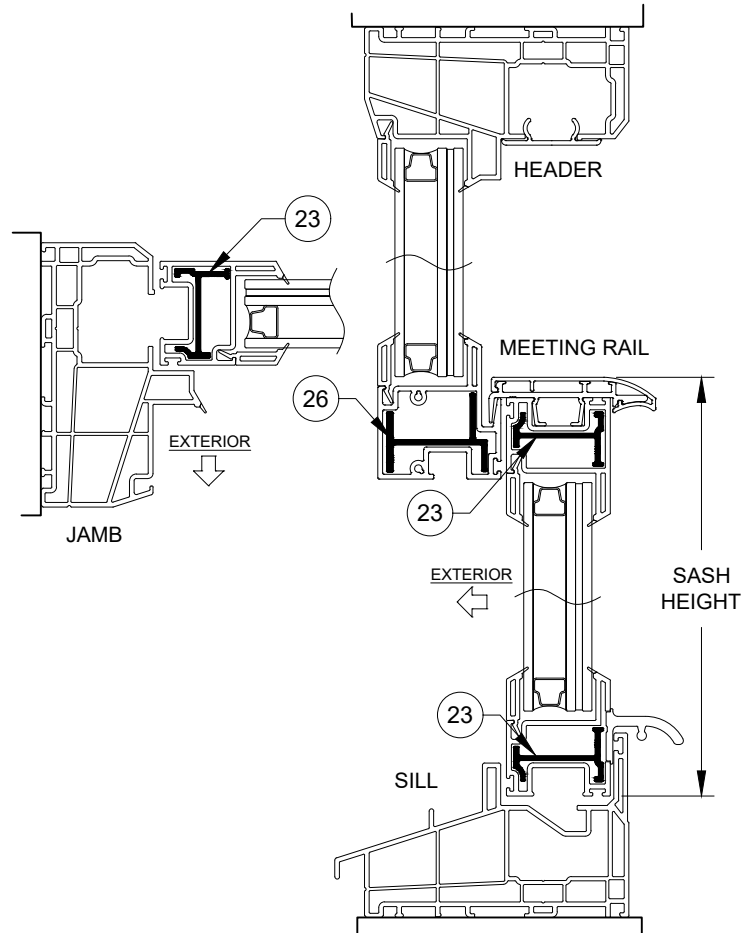


TABLE 4:

Glass Types 5, 6, 7 & 8	Design Pressure, lbs/ft ²
	+/- 50.0
Reinf. Level R1	For all window & sash sizes

SEE TABLE 9, SHEET 8 FOR ANCHOR GROUP AND QUANTITY.



SECTION DETAIL FOR WINDOWS WITH LEVEL R1 REINFORCEMENT & GLASS TYPES 5, 6, 7 & 8 (REINFORCEMENTS SHOWN IN FIGURES ABOVE APPLY TO ALL FRAME TYPES & CONFIGURATIONS)

TABLE 5:

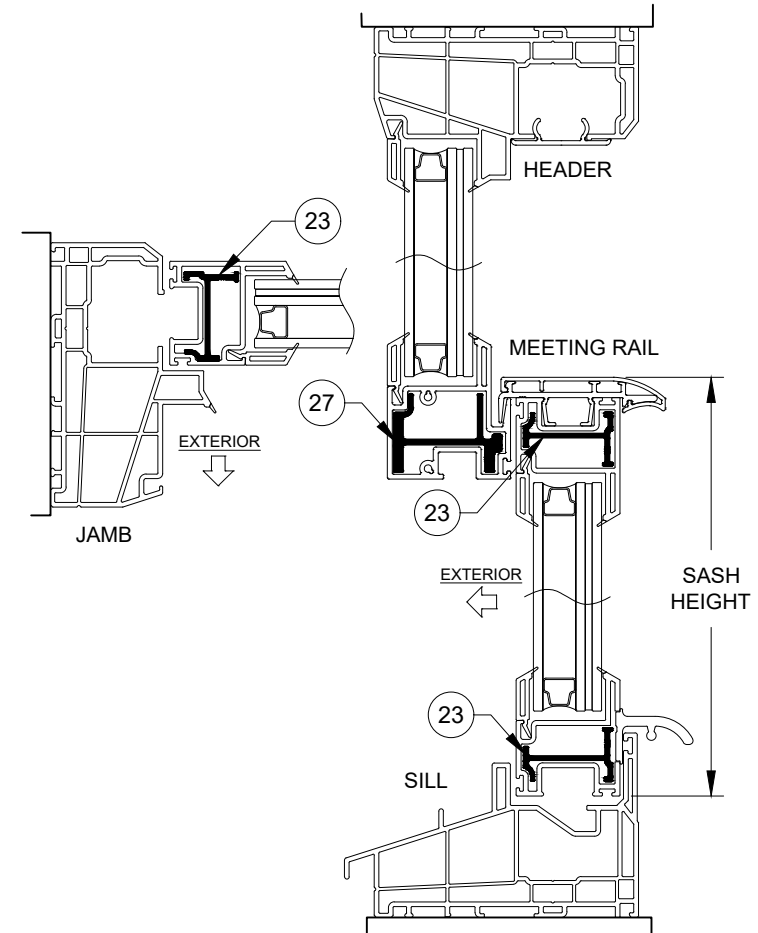
Glass Type	Bottom Sash Description for given Range @ Window Height Shown	Sash Height Range (in)	Design Pressure, lbs/ft ²			
			Window Buck Width (in)			
			up to 48		52.125	
23.5	Equal-lite	11.394	+65.0	-70.0	+65.0	-70.0
28	Standard Cottage	14.517 - 15.870	+65.0	-70.0	+65.0	-70.0
	Equal-lite	11.583 - 14.516	+65.0	-70.0	+65.0	-70.0
	Standard Proview	11.377 - 11.582	+65.0	-70.0	+65.0	-70.0
37.375	Tallest	23.517 - 25.286	+65.0	-70.0	+65.0	-70.0
	Standard Cottage	20.958 - 23.516	+65.0	-70.0	+65.0	-70.0
	Equal-lite	17.517 - 20.957	+65.0	-70.0	+65.0	-70.0
	Standard Proview	14.517 - 17.516	+65.0	-70.0	+65.0	-70.0
	Shortest	11.377 - 14.516	+65.0	-70.0	+65.0	-70.0
44	Tallest	27.583 - 31.911	+65.0	-70.0	+65.0	-70.0
	Custom Size	26.517 - 27.582	+65.0	-70.0	+65.0	-70.0
	Standard Cottage	23.517 - 26.516	+65.0	-70.0	+65.0	-70.0
	Equal-lite	20.517 - 23.516	+65.0	-70.0	+65.0	-70.0
	Standard Proview	17.517 - 20.516	+65.0	-70.0	+65.0	-70.0
48	Custom Size	14.517 - 17.516	+65.0	-70.0	+65.0	-70.0
	Shortest	11.377 - 14.516	+65.0	-70.0	+65.0	-70.0
	Tallest	31.583 - 35.911	+65.0	-70.0	+65.0	-70.0
	Standard Cottage	26.517 - 31.582	+65.0	-70.0	+65.0	-70.0
	Equal-lite	20.517 - 26.516	+65.0	-70.0	+65.0	-70.0
49.625	Standard Proview	17.517 - 20.516	+65.0	-70.0	+65.0	-70.0
	Custom Size	12.517 - 14.516	+65.0	-70.0	+65.0	-70.0
	Custom Size	14.517 - 17.516	+65.0	-70.0	+65.0	-70.0
	Shortest	11.377 - 12.516	+65.0	-70.0	+65.0	-70.0
	Tallest	33.208 - 37.536	+65.0	-70.0	+65.0	-70.0
62	Standard Cottage	26.517 - 33.207	+65.0	-70.0	+65.0	-70.0
	Equal-lite	23.517 - 26.516	+65.0	-70.0	+65.0	-70.0
	Custom Size	20.517 - 23.516	+65.0	-70.0	+65.0	-70.0
	Custom Size	17.517 - 20.516	+65.0	-70.0	+65.0	-70.0
	Custom Size	14.517 - 17.516	+65.0	-70.0	+65.0	-70.0
75	Custom Size	13.017 - 14.516	+65.0	-70.0	+65.0	-67.3
	Shortest	11.884 - 13.016	+65.0	-70.0	+65.0	-66.5
	Tallest	39.517 - 41.644	+65.0	-70.0	+65.0	-70.0
	Custom Size	38.517 - 39.516	+65.0	-70.0	+65.0	-70.0
	Equal-lite	35.517 - 38.516	+65.0	-70.0	+65.0	-70.0
84	Custom Size	32.517 - 35.516	+65.0	-70.0	+65.0	-70.0
	Standard Proview	29.517 - 32.516	+65.0	-70.0	+65.0	-70.0
	Custom Size	26.517 - 29.516	+65.0	-70.0	+65.0	-67.3
	Shortest	24.884 - 26.516	+65.0	-70.0	+65.0	-66.5
	Equal-lite	38.517 - 41.644	+65.0	-70.0	+65.0	-70.0
91.78	Tallest	** - 41.644	+65.0	-70.0	+65.0	-66.5

SEE TABLE 10, SHEET 9 FOR ANCHOR GROUP AND QUANTITY.
** MIN. SASH HEIGHT = WINDOW BUCK HEIGHT - 50.136 (APPLIES TO ANY HEIGHT 91.78" OR LESS)

TABLE 6:

Glass Types 6, 7 & 8	Design Pressure, lbs/ft ²
	+65.0 / -70.0
Reinf. Level R2	For all window and sash sizes

SEE TABLE 10, SHEET 9 FOR ANCHOR GROUP AND QUANTITY.



SECTION DETAIL FOR WINDOWS WITH LEVEL R2 REINFORCEMENT & GLASS TYPES 5, 6, 7 & 8 (REINFORCEMENTS SHOWN IN FIGURES ABOVE APPLY TO ALL FRAME TYPES & CONFIGURATIONS)

NOTES:

- 1) USE THESE TABLES FOR ALL WINDOWS INSTALLED THROUGH THE FRAME OR INTEGRAL FIN.
- 2) FRAME DIMENSIONS ARE BUCK. SASH HEIGHT IS AS PER THE FIGURE.
- 3) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.

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Series	Rev	Date	
SH5500	6 OF 14	05/15/15	
Title		Date	
VINYL SINGLE HUNG WINDOW (LM)		05/15/15	
Desc.		Drawn By	
DESIGN PRESSURE TABLE		JENS ROSOWSKI	
Rev		Date	
NO CHANGES THIS SHEET - AM		05/12/25	
Sheet	DWG No.	Rev.	
6 OF 14	SH5500-NOA	E	

ANTHONY LYNN MILLER
LICENSE
No. 58705
05/12/25
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

TABLE 7:

Glass Type 9-12, 15 & 16	Bottom Sash Description for given Range @ Window Height Shown	Sash Height Range (in)	Design Pressure, lbs/ft ²							
			Window Buck Width (in)							
			up to 40	48	52	125	54			
23.5	Equal-lite	11.394	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
28	Standard Cottage	14.517 - 15.870	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Equal-lite	11.583 - 14.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Standard Prow	11.377 - 11.582	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
37.375	Tallest	23.517 - 25.286	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Standard Cottage	20.958 - 23.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Equal-lite	17.517 - 20.957	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-109.0
44	Standard Prow	14.517 - 17.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Shortest	11.377 - 14.516	+70.0	-110.0	+70.0	-110.0	+70.0	-107.0	+70.0	-103.0
	Tallest	27.583 - 31.911	+70.0	-110.0	+70.0	-99.0	+70.0	-93.0	+70.0	-90.0
48	Custom Size	26.517 - 27.582	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Standard Cottage	23.517 - 26.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Equal-lite	20.517 - 23.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
49.625	Standard Prow	17.517 - 20.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Custom Size	14.517 - 17.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Custom Size	12.517 - 14.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
62	Shortest	11.377 - 12.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Tallest	36.517 - 41.644	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Standard Cottage	31.517 - 36.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
75	Equal-lite	26.517 - 31.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Standard Prow	23.517 - 26.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Custom Size	20.517 - 23.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
84	Custom Size	17.517 - 20.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Custom Size	14.517 - 17.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Custom Size	13.017 - 14.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
91.78	Shortest	11.864 - 13.016	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Tallest	39.517 - 41.644	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Custom Size	38.517 - 39.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0

TABLE 8:

Glass Type 13 & 14	Bottom Sash Description for given Range @ Window Height Shown	Sash Height Range (in)	Design Pressure lbs/ft ²													
			Window Buck Width (in)													
			18	24	32	36	40	48	52	125	54					
23.5	Equal-lite	11.394	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
28	Standard Cottage	14.517 - 15.870	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Equal-lite	11.583 - 14.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Standard Prow	11.377 - 11.582	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
37.375	Tallest	23.517 - 25.286	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Standard Cottage	20.958 - 23.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Equal-lite	17.517 - 20.957	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-109.0
44	Standard Prow	14.517 - 17.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Shortest	11.377 - 14.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-107.0	+70.0	-103.0
	Tallest	27.583 - 31.911	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-99.0	+70.0	-90.0
48	Custom Size	26.517 - 27.582	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Standard Cottage	23.517 - 26.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Equal-lite	20.517 - 23.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
49.625	Standard Prow	17.517 - 20.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Custom Size	14.517 - 17.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Custom Size	12.517 - 14.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
62	Shortest	11.377 - 12.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Tallest	36.517 - 41.644	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-105.7
	Standard Cottage	31.517 - 36.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-108.5	+70.0	-103.0
75	Equal-lite	26.517 - 31.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-107.9	+70.0	-102.4
	Standard Prow	23.517 - 26.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-105.2
	Custom Size	20.517 - 23.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-107.0
84	Custom Size	17.517 - 20.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-109.6
	Custom Size	14.517 - 17.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-106.8	+70.0	-102.6	+70.0	-100.5	+70.0	-100.5
	Custom Size	13.017 - 14.516	+70.0	-110.0	+70.0	-110.0	+70.0	-106.2	+70.0	-100.7	+70.0	-97.1	+70.0	-94.4	+70.0	-94.4
91.78	Shortest	11.864 - 13.016	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	Tallest	39.517 - 41.644	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-96.0
	Custom Size	38.517 - 39.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-101.7	+70.0	-96.3

SEE TABLE 11, SHEET 10 FOR ANCHOR GROUP AND QUANTITY.
 ** MIN. SASH HEIGHT = WINDOW BUCK HEIGHT - 50.136
 (APPLIES TO ANY HEIGHT 91.78" OR LESS)

SEE TABLE 12, SHEET 11 FOR ANCHOR GROUP AND QUANTITY.
 ** MIN. SASH HEIGHT = WINDOW BUCK HEIGHT - 50.136
 (APPLIES TO ANY HEIGHT 91.78" OR LESS)

NOTES:

- 1) USE THESE TABLES FOR ALL WINDOWS INSTALLED THROUGH THE FRAME.
- 2) FRAME DIMENSIONS ARE BUCK. SASH HEIGHT IS AS PER THE FIGURE.
- 3) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.

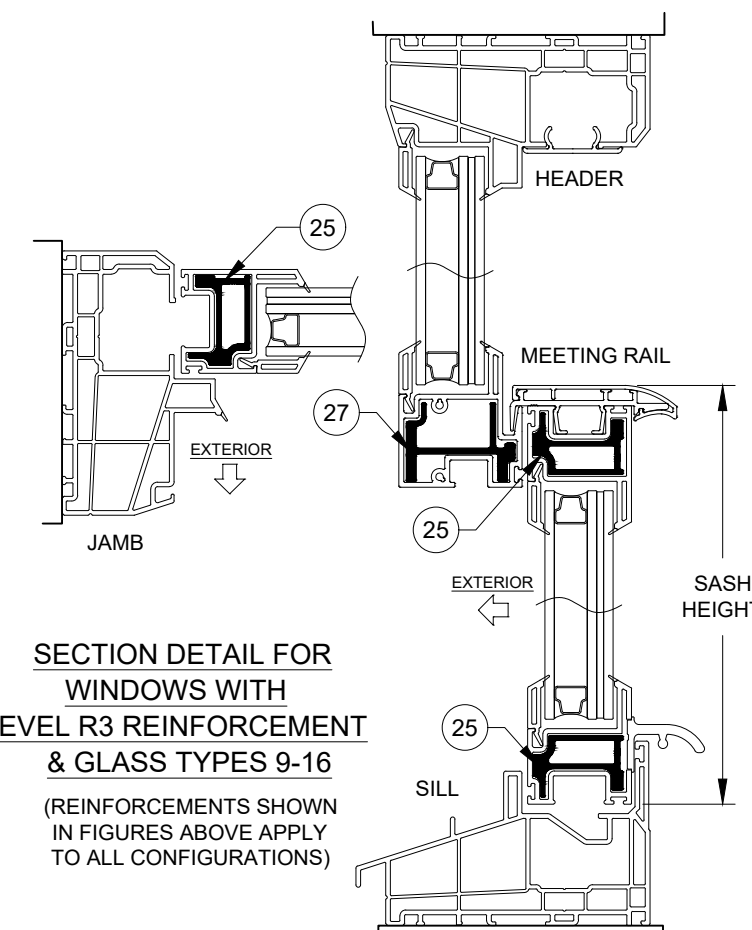
PRODUCT REVISED
 As complying with the Florida Building Code
 NOA-No. 25-0520.01
 Expiration Date: 07/30/2030
 By: *Manuel Perez*
 Miami-Dade Product Control

PGT
 Custom Windows and Doors
 3400 PRECISION DRIVE
 N. VENICE, FL 34275
 (941) 480-1600

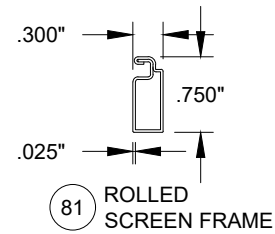
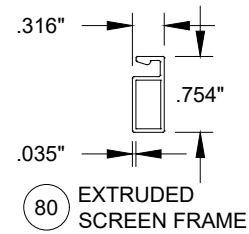
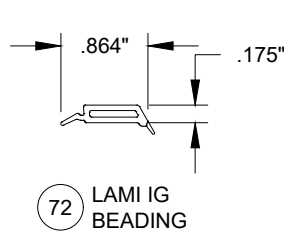
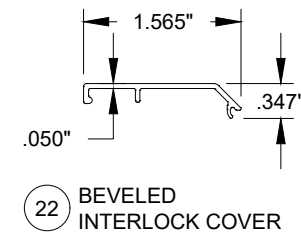
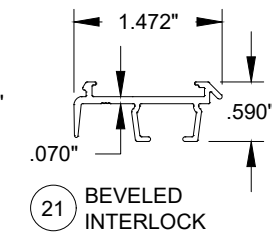
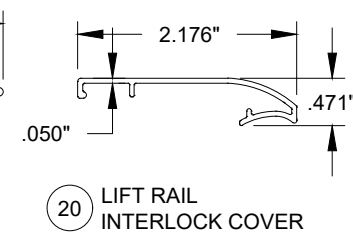
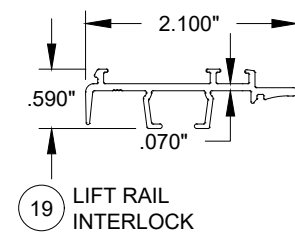
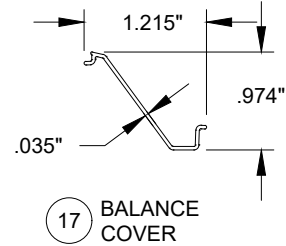
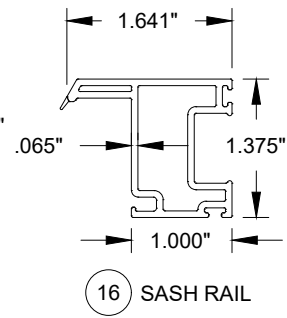
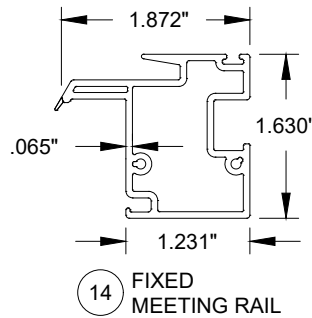
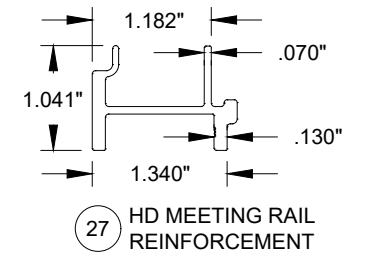
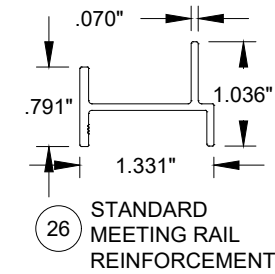
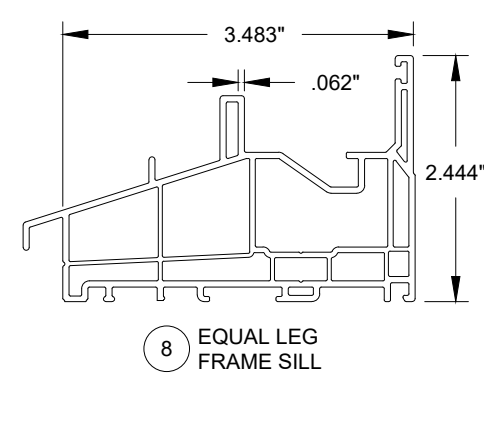
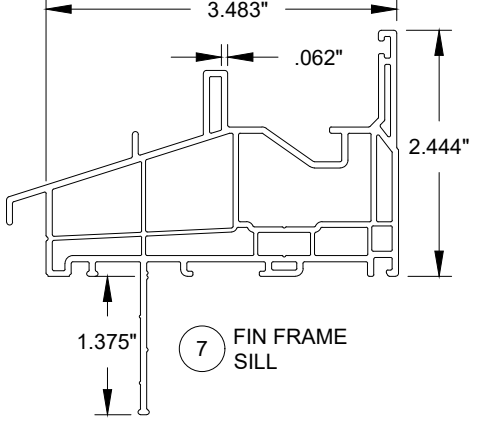
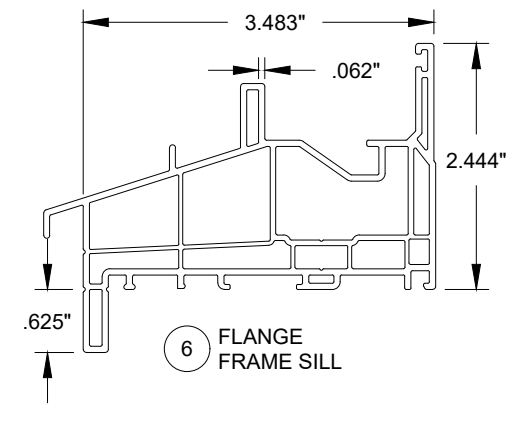
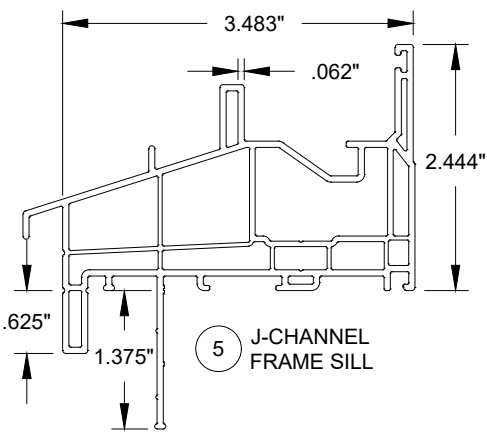
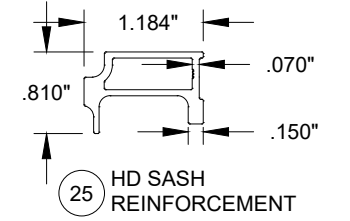
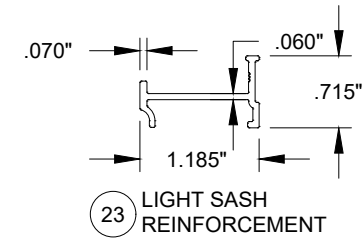
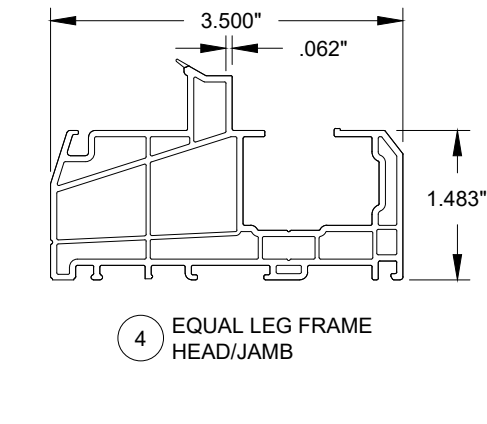
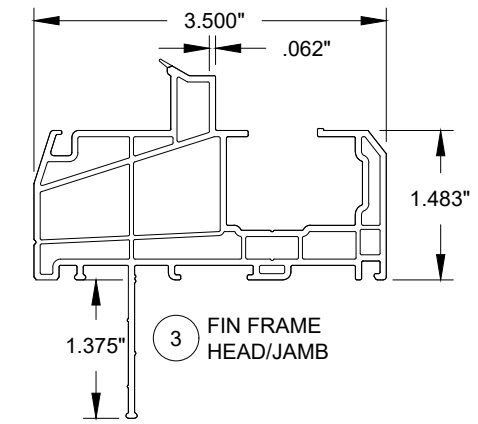
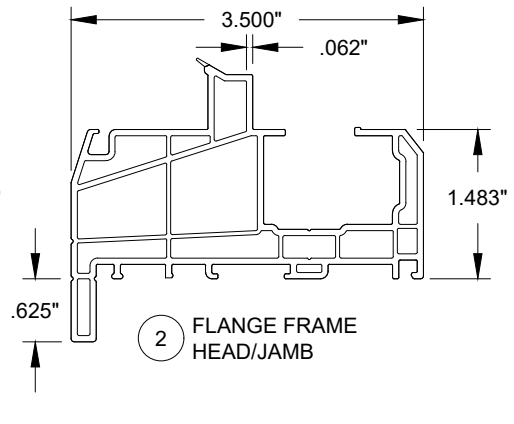
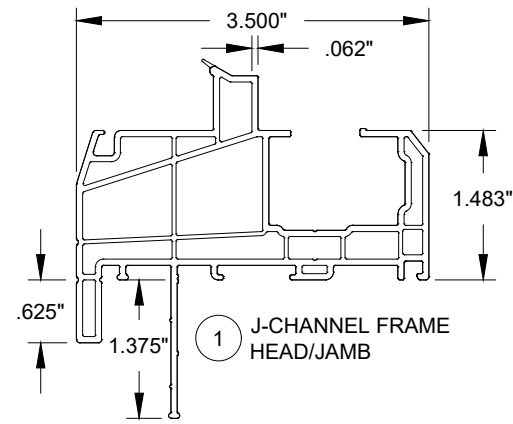
PREPARED BY A. LYNN MILLER
 1070 TECHNOLOGY DRIVE
 N. VENICE, FL 34275
 (941) 480-1600
 REGISTRATION #29296

Series	SH5500	Sheet	7 OF 14	DWG No.	SH5500-NOA	Rev.	E
Title	VINYL SINGLE HUNG WINDOW (LM)			Date	05/15/15		
Desc.	DESIGN PRESSURE TABLE		Drawn By	JENS ROSOWSKI			
Rev	NO CHANGES THIS SHEET - AM			Rev Date	05/12/25		

ANTHONY LYNN MILLER
 LICENSE
 No. 58705
 State of Florida
 PROFESSIONAL ENGINEER
 A. LYNN MILLER, P.E.
 P.E.# 58705



! GLASS TYPES 9 THROUGH 16 MAY NOT BE USED WITH J-CHANNEL OR INTEGRAL FIN FRAMES



PRODUCT REVISED
 As complying with the Florida Building Code
 NOA-No. 25-0520.01
 Expiration Date: 07/30/2030
 By: *Manuel Perez*
 Miami-Dade Product Control

PGT Custom Windows and Doors		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275	
3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		(941) 480-1600	
		REGISTRATION #29296	
Series	SH5500	Date	05/15/15
Desc.	VINYL SINGLE HUNG WINDOW (LM)	Drawn By	JENS ROSOWSKI
Rev	NO CHANGES THIS SHEET - AM	Rev Date	05/12/25
Sheet	12 OF 14	DWG No.	SH5500-NOA
		Rev.	E

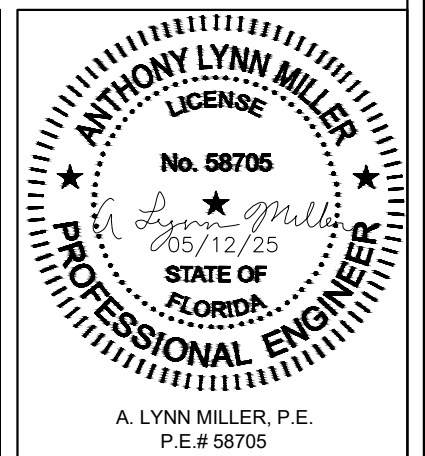
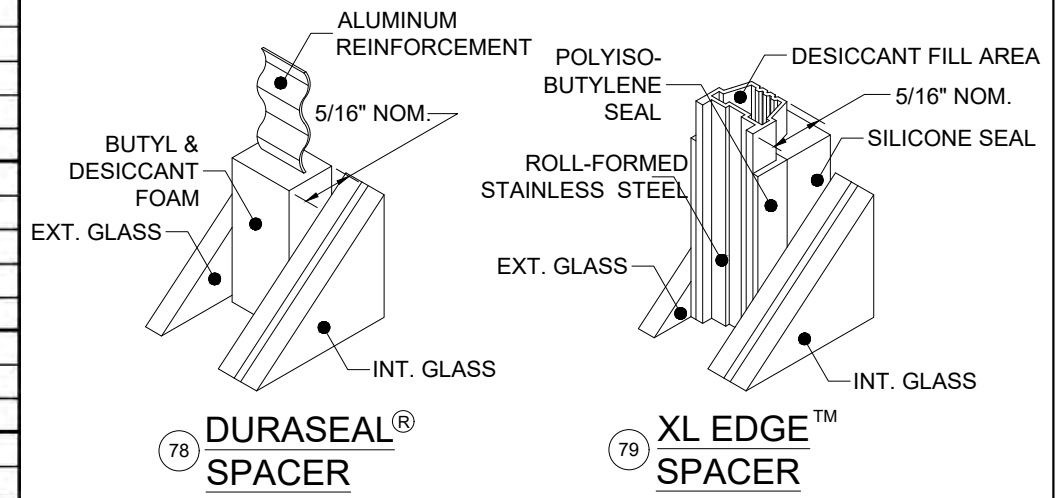
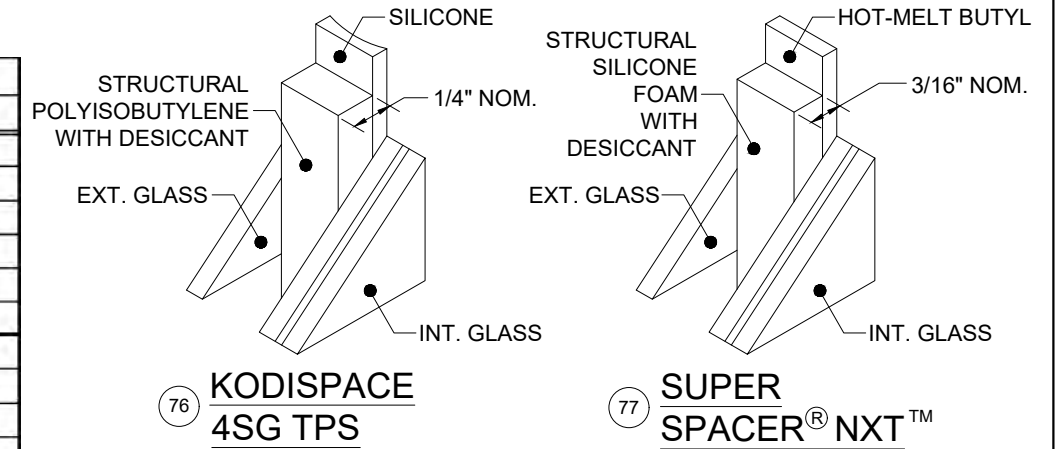


TABLE 12:

Bill of Material			
#	Part #	Description	Material
1	620101	Single Hung Frame Head & Jambs - J-Channel	PVC
2	620102	Single Hung Frame Head & Jambs - Flange	PVC
3	620103	Single Hung Frame Head & Jambs - Fin	PVC
4	620104	Single Hung Frame Head & Jambs - Equal Leg/Box	PVC
5	620105	SH/DH Frame Sill - J-Channel	PVC
6	620106	SH/DH Frame Sill - Flange	PVC
7	620107	SH/DH Frame Sill - Fin	PVC
8	620108	SH/DH Frame Sill - Equal Leg/Box	PVC
14	620131	Fixed Meeting Rail	PVC
16	620129	Sash Rail (Sides, Top & Bottom)	PVC
17	620134	Balance Cover	PVC
18	620133	Sash Stop/Screw Cover	PVC
19	620156	Pull Rail Interlock	6005 T5 Al
20	620144	Pull Rail Interlock Cover	PVC
21	620157	Beveled Interlock	6005 T5 Al
22	620145	Beveled Interlock Cover	PVC
23	620150	Light Sash Reinforcement	6063 T6 Al
25	620152	HD Sash Reinforcement	6063 T6 Al
26	620153	Standard Meeting Rail Reinforcement	6005 T5 Al
27	620154	HD Meeting Rail Reinforcement	6005 T5 Al
30	61644	Weatherstrip, .187" x .270" Fin Pile	
31	6Q300	Weatherstrip, .190" x .300" Foam Bulb	Flex PVC
32	61719	Weatherstrip, .187" x .220" PolyPile	
33	61825	Weatherstrip Plug, .220" Finseal	
35	78X1MTT	#8 x 1" Ph. PH SDS (Interlock Mounting Screw)	
36	78X3THPX	#8 x 3" Ph. PH SMS (Meeting Rail Screw)	410 SS
37	71669SP	Meeting Rail Screw Support Plate	6063 T6 Al
38	720210	Weep Hole Cover	PVC
40	720XXXX	Constant Force Balance	
41		#8 x 3/4" Ph. FH SMS (Con. Force Balance Screw)	SS
42		Spiral Balance	
43	720205	Spiral Balance Shoe	Nylon
44	78X114FPAX	#8 x 1-1/4" Ph. FH SMS (Spiral Balance Screw)	410 SS

TABLE 12, CONT.:

Bill of Material, cont.			
#	Part #	Description	Material
45	720197	Auto Lock Mechanism	C Steel
46	720198&9	Sweep Lock	Cast Zinc
47	720195&6	Auto Lock Cover Assembly	Cast Zinc
48	76X1180PTX	#6 x 1-1/8" Ph. FH SDS (Auto and Sweep Lock Screw)	SS
49	720200	Auto and Sweep Lock Keeper	Cast Zinc
50	776X34PPA	#6 x 3/4" PH. PH SDS (Keeper Screw)	SS
51	420181 L/R	Beveled Tilt Latch Corner Key	PVC
52	420182 L/R	Pull Rail Tilt Latch Corner Key	PVC
53	7634PHFL	#6 x 3/4" Ph. FH SDS (Corner Key Screw)	SS
54	420183	Tilt Latch	PVC
55	420184	Tilt Latch Retainer	PVC
56	720207	1" Tilt Latch Spring	SS
57	420186	Plastic Tilt Latch Finger Pull	PVC
58	720192	Metal Tilt Latch Finger Pull	Cast Zinc
59	420180	Pivot Bar Corner Key	PVC
60	720206	Pivot Bar	SS
63	720191	Sash Pull Handle	Cast Zinc
64	720194	Sash Pull Handle With Latch Assembly	Cast Zinc
65	7834FPT	#8 x 3/4" Ph. FH SDS (Pull Handle Screw)	SS
66	420188	Bottom Latch Strike Plate	Cast Zinc
67	77858B	#8 x 5/8" Ph. FH SMS (Strike Plate Screw)	SS
72	720135	Lami I.G. Bead	PVC
74		Backbedding, GE 7700 or Dow 791 or Dow 983	Silicone
75	71646N	Setting Block (7/8" x 1" x 1/8"), 85 +/- 5 duro.	EPDM
80	61012	Extruded Screen Frame	Alum
81	61011	Roll-Formed Screen Frame	Alum
82	7CKGLB21	Screen Corner Key for Extruded Frame X4	PVC
83	47042	Screen Corner Key with Pull Ring X2	PVC
84	47041	Screen Corner Key without Pull Ring X2	PVC
85	7CASPM	Tension Spring	SS
86	61816C48	Screen Cloth	Fiberglass
87	61635/61614	.140" Screen Spline (Machine/Hand Rolled)	Vinyl



Part #	Description	Material
76	Kommerling 4SG TPS Spacer System	See this Sheet for Materials
77	Quanex Super Spacer nXT with Hot Melt Butyl	
78	Quanex Duraseal Spacer	
79	Cardinal XL Edge Spacer	

REFERENCE TEST REPORTS: FTL-8717, 8968 & 8970

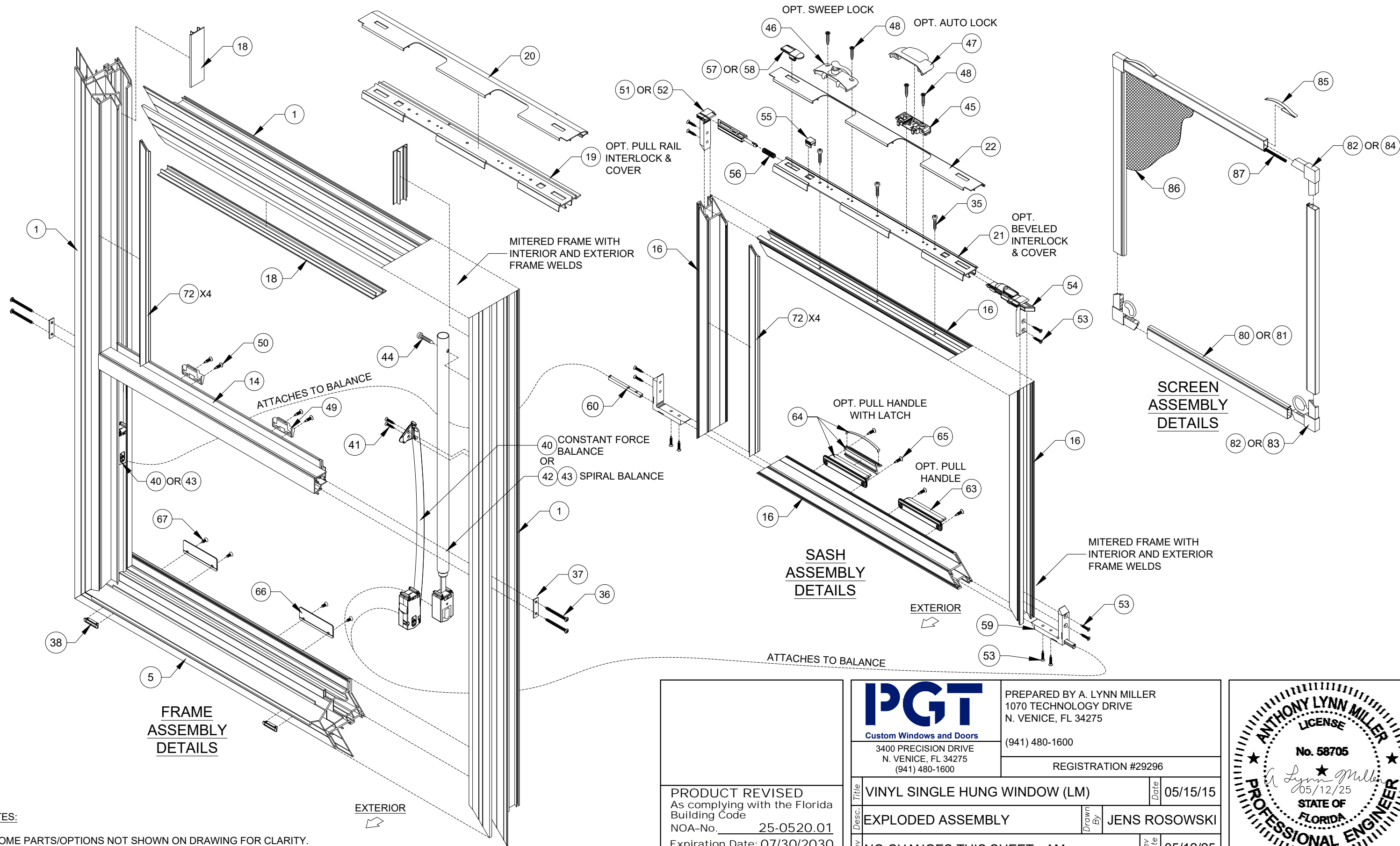
NOTES:

- 1) PVC BY VISION EXTRUSION, LTD., TO BE LABELED FOR AAMA EXTRUDER CODE.
- 2) ITEMS # 9-13, 15, 24, 28, 29, 34, 39, 61, 62, 68-71, & 73 ARE NOT USED AND ARE NOT PART OF THIS APPROVAL.

 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	
		REGISTRATION #29296	
Series	Rev	Desc.	Date
		VINYL SINGLE HUNG WINDOW (LM)	05/15/15
		BILL OF MATERIALS	Drawn By JENS ROSOWSKI
		NO CHANGES THIS SHEET - AM	Rev Date 05/12/25
SH5500	Sheet	13 OF 14	DWG No. SH5500-NOA
			Rev. E

PRODUCT REVISED
 As complying with the Florida Building Code
 NOA-No. 25-0520.01
 Expiration Date: 07/30/2030
 By: *Manuel Perez*
 Miami-Dade Product Control

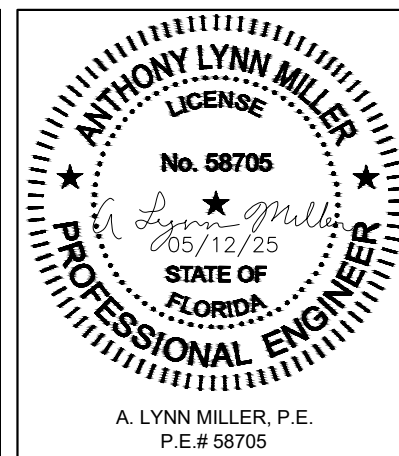
ANTHONY LYNN MILLER
 LICENSE
 No. 58705
 05/12/25
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 A. LYNN MILLER, P.E.
 P.E.# 58705



NOTES:

- 1) SOME PARTS/OPTIONS NOT SHOWN ON DRAWING FOR CLARITY.
- 2) J-CHANNEL FRAME SHOWN, PARTS # 1 & 5. OTHER FRAME TYPES APPLY.
- 3) FOR REINFORCEMENT TYPES, SEE DETAILS ON SHEETS 6 & 7.
- 4) USE EITHER SASH TOP LOCKS OR SASH BOTTOM LOCKS.

		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	
		REGISTRATION #29296	
PRODUCT REVISED As complying with the Florida Building Code NOA-No. 25-0520.01 Expiration Date: 07/30/2030 By: <i>Manuel Ferrer</i> Miami-Dade Product Control	Title: VINYL SINGLE HUNG WINDOW (LM) Date: 05/15/15	Drawn By: JENS ROSOWSKI	Rev. Date: 05/12/25
Series: SH5500	Sheet: 14 OF 14	DWG No.: SH5500-NOA	Rev.: E



A. LYNN MILLER, P.E.
P.E.# 58705



Product Approval
USER: Public User

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

OFFICE OF THE SECRETARY

FL #	FL251-R41
Application Type	Revision
Code Version	2023
Application Status	Approved
	*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.
Comments	
Archived	<input type="checkbox"/>
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive North Venice, FL 34275 (941) 486-0100 Ext 21140 jrosowski@pgtindustries.com
Authorized Signature	Jens Rosowski jrosowski@pgtindustries.com
Technical Representative	Lynn Miller, P.E.
Address/Phone/Email	1070 Technology Dr N Venice, FL 34275 (941) 486-0100 Ext 21142 lmiller@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Exterior Doors
Subcategory	Sliding Exterior Door Assemblies
Compliance Method	Certification Mark or Listing
Certification Agency	Miami-Dade BCCO - CER
Validated By	Steven M. Urich, PE
	<input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received
Referenced Standard and Year (of Standard)	<u>Standard</u> TAS 201, 202, 203
	<u>Year</u> 1994
Equivalence of Product Standards Certified By	
Product Approval Method	Method 1 Option A
Date Submitted	03/19/2025
Date Validated	03/19/2025

Summary of Products

FL #	Model, Number or Name	Description
251.1	SGD - 670 (Non-Impact)	Aluminum Sliding Glass Door
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Please see Miami-Dade County Notice of Acceptance (NOA) for product performance information, anchorage details, and anchor type, size, and spacing information.		Certification Agency Certificate FL251_R41_C_CAC_25-0220.01.pdf Quality Assurance Contract Expiration Date 04/07/2030 Installation Instructions FL251_R41_II_25-0220.01.pdf Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
251.2	SGD - 670HP (Non-Impact)	Aluminum Sliding Glass Door
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Please see Miami-Dade County Notice of Acceptance (NOA) for product performance information, anchorage details, and anchor type, size, and spacing information.		Certification Agency Certificate FL251_R41_C_CAC_25-0220.02.pdf Quality Assurance Contract Expiration Date 03/24/2030 Installation Instructions FL251_R41_II_25-0220.02.pdf Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
251.3	SGD - 680 (Non-Impact)	Aluminum Sliding Glass Door
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Please see Miami-Dade County Notice of Acceptance (NOA) for product performance information, anchorage details, and anchor type, size, and spacing information.		Certification Agency Certificate FL251_R41_C_CAC_23-0710.01.pdf Quality Assurance Contract Expiration Date 03/18/2029 Installation Instructions FL251_R41_II_23-0710.01.pdf Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
251.4	SGD - 770 (Large Missile Impact)	WinGuard Aluminum Sliding Glass Door
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see Miami-Dade County Notice of Acceptance (NOA) for product performance information, anchorage details, and anchor type, size, and spacing information.		Certification Agency Certificate FL251_R41_C_CAC_24-1219.08.pdf Quality Assurance Contract Expiration Date 02/17/2030 Installation Instructions FL251_R41_II_24-1219.08.pdf Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
251.5	SGD - 770HP (Large Missile Impact)	WinGuard Aluminum Sliding Glass Door
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see Miami-Dade County Notice of Acceptance (NOA) for product performance information, anchorage details, and anchor type, size, and spacing information.		Certification Agency Certificate FL251_R41_C_CAC_25-0102.01.pdf Quality Assurance Contract Expiration Date 03/24/2030 Installation Instructions FL251_R41_II_25-0102.01.pdf Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
251.6	SGD - 770HP (Small Missile Impact)	WinGuard Aluminum Sliding Glass Door
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see Miami-Dade County Notice of Acceptance (NOA) for product performance information, anchorage details, and anchor type, size, and spacing information.		Certification Agency Certificate FL251_R41_C_CAC_25-0102.02.pdf Quality Assurance Contract Expiration Date 03/24/2030 Installation Instructions FL251_R41_II_25-0102.02.pdf Verified By: Miami-Dade BCCO - CER Created by Independent Third Party:

		Evaluation Reports Created by Independent Third Party:
251.7	SGD - 780 (Impact)	WinGuard Aluminum Sliding Glass Door
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see Miami-Dade County Notice of Acceptance (NOA) for product performance information, anchorage details, and anchor type, size, and spacing information.		Certification Agency Certificate FL251_R41_C_CAC_23-0710.02.pdf Quality Assurance Contract Expiration Date 08/02/2027 Installation Instructions FL251_R41_II_23-0710.02.pdf Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
251.8	SGD-5470 (Non-Impact)	Vinyl Sliding Glass Door
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Please see Miami-Dade County Notice of Acceptance (NOA) for product performance information, anchorage details, and anchor type, size, and spacing information.		Certification Agency Certificate FL251_R41_C_CAC_23-0710.09.pdf Quality Assurance Contract Expiration Date 04/21/2026 Installation Instructions FL251_R41_II_23-0710.09.pdf Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
251.9	SGD-5570 (Large Missile Impact)	Vinyl Sliding Glass Door
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see Miami-Dade County Notice of Acceptance (NOA) for product performance information, anchorage details, and anchor type, size, and spacing information.		Certification Agency Certificate FL251_R41_C_CAC_23-0710.10.pdf Quality Assurance Contract Expiration Date 04/14/2026 Installation Instructions FL251_R41_II_23-0710.10.pdf Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:

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Product Approval Accepts:





MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION
 11805 SW 26 Street, Room 208
 Miami, Florida 33175-2474
 T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/building

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
 BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

PGT Industries, Inc.
1070 Technology Drive,
North Venice, FL 34275

SCOPE:

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

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

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

DESCRIPTION: Series “SGD-5570/2770” Vinyl Sliding Glass Door (Reinforced) w/wo 90° & 135° corners-L.M.I.

APPROVAL DOCUMENT: Drawing No. **MD-5570.0**, titled “Vinyl Sliding Glass Door (LM)”, sheets 1 through 21 of 21, dated 10/05/15, with revision **F** dated 06/06/23, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LIMITATIONS:

1. See Table 1 (sheet **7**) and consolidated Table 2 (sheet **8**) for applicable SGD unit sizes, design pressures, reinforcement types, glass types, sill riser (see Tables **B-1** and **B-2**, sheets **7** and **8**) and anchor layout sheets requirements in **12** thru **16**. See Glazing types, interlayers and details in sheet **10**.
2. White Rigid PVC, Tan (Non-White) Rigid PVC and Brown Coated (Painted or laminated) White Rigid PVC to be labeled per referenced NOA’s requirements.
3. Egress operable doors must comply with min clear width or height per FBC requirement, as applicable.
4. Pocket walls under separate approval, to be reviewed by Building official.

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

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



7/27/23

NOA No. 23-0710.10
 Expiration Date: April 14, 2026
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MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION
 11805 SW 26 Street, Room 208
 Miami, Florida 33175-2474
 T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/building

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
 BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

PGT Industries, Inc.
1070 Technology Drive,
North Venice, Fl. 34275

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

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

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA **revises NOA No. 22-1205.01** and consists of these pages 1 and 2, and evidence pages E-1, E-2, E-3, E-4, E-5, E-6 and E-7, as well as approval document mentioned above. The submitted documentation was reviewed by **Manuel Perez, P.E.**



Manuel Perez
 7/27/23

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 Page 2

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

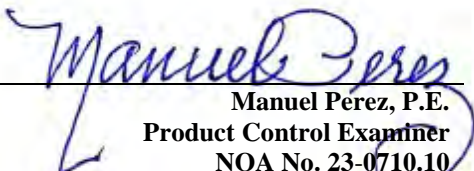
1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 11-0107.04)
2. Drawing No. **MD-5570.0**, titled "Vinyl Sliding Glass Door (LM)", sheets 1 through 21 of 21, dated 10/05/15, with revision **E** dated 11/28/22, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
(Submitted under NOA No. 22-1205.01)

B. TESTS

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of series "5570" vinyl sliding glass door w/pockets, prepared by QAI Laboratories, Test Report No. **QAI-22-1081**, dated 11/08/22, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 22-1205.01)
2. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of series "5570" vinyl sliding glass door w/pockets, prepared by QAI Laboratories, Test Report No. **NOK-0004**, dated 10/12/22, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 22-1205.01)
3. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of series "770" aluminum sliding glass door and a series "5570" vinyl sliding glass door, prepared by QAI Laboratories, Test Report No. **QAI-22-1040**, dated 04/03/22, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 22-0407.12)
4. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of series "770" aluminum sliding glass door, prepared by QAI Laboratories, Test Report No. **QAI-21-1218**, dated 01/27/22, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 22-0407.12)



Manuel Perez, P.E.
Product Control Examiner
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

B. TESTS (CONTINUED)

- 5.** Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of series "5570" vinyl sliding glass door, prepared by QAI Laboratories, Test Report No. **QAI-21-1241**, dated 01/21/22, signed and sealed by Idalmis Ortega, P.E
(Submitted under NOA No. 22-0407.12)
- 6.** Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of all PGT Industries, Inc. representative units listed below and tested to qualify **Dowsil 791** and **Dowsil 983** silicones, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.: **FTL-7897**, PGT PW5520 PVC Fixed Window (unit 6 in proposal), dated 09/03/14
FTL-20-2107.1, PGT SGD780 Aluminum Sliding Glass Door (unit 7 in proposal)
FTL-20-2107.2, PGT CA740 Alum. Outswing Casement Window (unit 8 in proposal)
FTL-20-2107.3, PGT PW7620A Aluminum Fixed Window (unit 9 in proposal) and
FTL-20-2107.4, PGT PW7620A Aluminum Fixed Window (unit 10 in proposal) dated 07/13/20, all signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 20-0429.05)
- 7.** Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a PVC sliding glass door, a PVC fixed window and an aluminum sliding glass door, using: Kodispace 4SG TPS spacer system, Duraseal® spacer system, Super Spacer® NXT™ spacer system and XL Edge™ spacer system at insulated glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-8717**, dated 12/07/15 and revised on 02/15/16 and 02/24/16, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 17-0420.06)

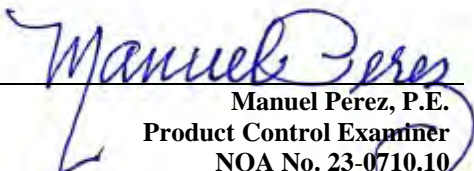


Manuel Perez, P.E.
Product Control Examiner
NOA No. 23-0710.10
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)
B. TESTS (CONTINUED)


- 8.** Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of a vinyl sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-8546**, dated 11/06/15 and revised on 01/04/16 and 02/11/16, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 17-0420.06)
- 9.** Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
along with marked-up drawings and installation diagram of a vinyl sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-8547**, dated 12/04/15 and revised on 02/15/16, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 17-0420.06)
- 10.** Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
along with marked-up drawings and installation diagram of a vinyl sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-8548**, dated 12/04/15, revised on 01/04/16 and 02/11/16, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 17-0420.06)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 23-0710.10
Expiration Date: April 14, 2026
Approval Date: August 03, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)
B. TESTS (CONTINUED)

- 11.** Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
along with marked-up drawings and installation diagram of a vinyl sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-8549**, dated 11/06/15 and revised on 12/04/15 and 02/11/16, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 17-0420.06)
- 12.** Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a vinyl sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-8552**, dated 12/04/15 and revised on 02/15/16, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 17-0420.06)
- 13.** Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a vinyl sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6638** (samples A-1 thru A-22), dated 11/19/10, signed and sealed by Jorge A. Causo, P.E.
(Submitted under NOA No. 11-0107.04)
- 14.** Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
along with marked-up drawings and installation diagram of a vinyl sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6337**, (samples A-1 thru A-5), dated 12/06/10, signed and sealed by Jorge A. Causo, P.E.
(Submitted under NOA No. 11-0107.04)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 23-0710.10
Expiration Date: April 14, 2026
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

C. CALCULATIONS

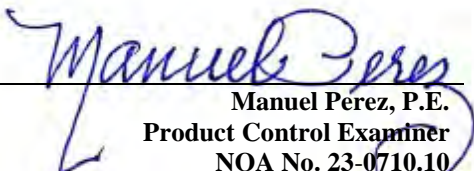
1. Anchor verification calculations and structural analysis, complying with **FBC 7th Edition (2020)**, dated 04/22/20, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
(Submitted under NOA No. 20-0429.05)
2. Glazing complies with **ASTM E 1300-04, -09, -12 and -16.**

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **20-0915.22** issued to **Kuraray America, Inc.** for their "**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**" dated 11/19/20, expiring on 07/08/24.
2. Notice of Acceptance No. **20-0915.21** issued to **Kuraray America, Inc.** for their "**Trosifol® Extra Stiff (ES) PVB Glass Interlayer**" dated 11/19/20, expiring on 02/08/23.
3. Notice of Acceptance No. **20-0915.19** issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Glass Interlayers**" dated 11/19/20, expiring on 07/04/23
4. Notice of Acceptance No. **18-1108.10** issued to Vision Extrusions Limited for their "**Brown Coated (Painted or Laminated) White Rigid PVC Exterior Extrusions for Windows and Doors**", dated 12/27/18, expiring on 09/30/24.
5. Notice of Acceptance No. **22-0214.04** issued to Vision Extrusions Group Limited for their series "**VE 1000 Tan 202 and lighter shades (Non-White) Rigid Cellular PVC Exterior Extrusions for Windows and Doors**", dated 04/14/22, expiring on 12/29/26.
6. Notice of Acceptance No. **21-1109.04** issued to Vision Extrusions Group Limited for their series "**White Rigid PVC Exterior Extrusions for Windows and Doors**", dated 03/31/22, expiring on 09/30/24
7. Notice of Acceptance No. **20-0203.03** issued to ENERGI Fenestration Solutions, USA, Inc. for their series "**Bronze & Light Shades Cap Coated White Rigid PVC Exterior Extrusions for Windows and Doors**", dated 02/27/20, expiring on 04/16/25


Manuel Perez, P.E.
Product Control Examiner
NOA No. 23-0710.10
Expiration Date: April 14, 2026
Approval Date: August 03, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)
F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)**, dated November 28, 2022, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
(Submitted under NOA No. 22-1205.01)
2. Statement letter of no financial interest dated July 26, 2022, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
(Submitted under NOA No. 22-1205.01)
3. Proposal No. **22-0160** dated 03/02/22, approved by Product Control.
(Submitted under NOA No. 22-1205.01)
4. Private Labeling Agreement dated 03/08/21 between PGT Industries, Inc. and CGI Windows and Doors Inc., signed by Dean M. Ruark, P.E., V.P. Engineering, on behalf of both companies.
(Submitted under NOA No. 21-0205.03)
5. Private Labeling Agreement document between PGT Industries, Inc. dated 03/30/15 and signed by all involved parties.
(Submitted under NOA No. 17-0420.06)
6. Laboratory compliance letter for part of above Test Reports.
(Submitted under NOA No. 17-0420.06)
7. Proposal No. **17-0387** dated 05/05/17, issued by the Product Control Section, signed by Ishaq Chanda, P.E.
(Submitted under NOA No. 17-0420.06)

G. OTHERS

1. Notice of Acceptance No. **22-0407.12**, issued to PGT Industries, Inc., for their **Series "5570/2770" Vinyl Sliding Glass Door (Reinforced) w/wo 90° & 135° corners – L.M.I.**, approved on 04/21/22 and expiring on 04/14/26.

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

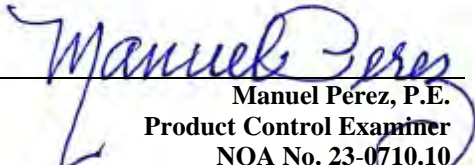
1. Drawing No. **MD-5570.0**, titled "Vinyl Sliding Glass Door (LM)", sheets 1 through 21 of 21, dated 10/05/15, with revision **F** dated 06/06/23, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 23-0710.10
Expiration Date: April 14, 2026
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED (CONTINUED)

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

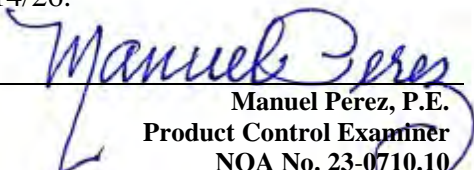
1. Notice of Acceptance No. **20-0915.22** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 11/19/20, expiring on 07/08/24.
2. Notice of Acceptance No. **22-1116.03** issued to Kuraray America, Inc. for their “**Trosifol® Extra Stiff (ES) PVB Glass Interlayer**” dated 12/15/22, expiring on 02/08/28.
3. Notice of Acceptance No. **22-1116.01** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**” dated 12/15/22, expiring on 07/04/28.
4. Notice of Acceptance No. **18-1108.10** issued to Vision Extrusions Limited for their “**Brown Coated (Painted or Laminated) White Rigid PVC Exterior Extrusions for Windows and Doors**”, dated 12/27/18, expiring on 09/30/24.
5. Notice of Acceptance No. **22-0214.04** issued to Vision Extrusions Group Limited for their series “**VE 1000 Tan 202 and lighter shades (Non-White) Rigid Cellular PVC Exterior Extrusions for Windows and Doors**”, dated 04/14/22, expiring on 12/29/26.
6. Notice of Acceptance No. **21-1109.04** issued to Vision Extrusions Group Limited for their series “**White Rigid PVC Exterior Extrusions for Windows and Doors**”, dated 03/31/22, expiring on 09/30/24
7. Notice of Acceptance No. **20-0203.03** issued to ENERGI Fenestration Solutions, USA, Inc. for their series “**Bronze & Light Shades Cap Coated White Rigid PVC Exterior Extrusions for Windows and Doors**”, dated 02/27/20, expiring on 04/16/25

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)**, and with **FBC 8th Edition (2023)** dated June 06, 2023, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
2. Statement letter of no financial interest dated June 06, 2023, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

G. OTHERS

1. Notice of Acceptance No. **22-1205.01**, issued to PGT Industries, Inc., for their **Series “5570/2770” Vinyl Sliding Glass Door (Reinforced) w/wo 90° & 135° corners – L.M.I.**, approved on 01/12/23 and expiring on 04/14/26.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 23-0710.10
Expiration Date: April 14, 2026
Approval Date: August 03, 2023

SERIES 5570 IMPACT RESISTANT SLIDING GLASS DOOR INCLUDING POCKETS & 90°/135° CORNERS

IMPACT RATING
RATED FOR LARGE & SMALL
MISSILE IMPACT RESISTANCE

DESIGN PRESSURE RATING
SEE TABLES 1, 2 & B1, B2
ON SHEETS 7 & 8

GENERAL NOTES:

- GLAZING TYPE OPTIONS: SEE GLAZING DETAILS ON SHEET 10.
 - DESIGN PRESSURES:
 - NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS PER ASTM E1300.
 - POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS PER ASTM E1300.
 - DESIGN LOADS ARE BASED ON ALLOWABLE STRESS DESIGN, ASD.
 - ANCHORAGE: THE 33-1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC).
 - SHUTTERS ARE NOT REQUIRED PER FBC REQUIREMENTS, AS APPLICABLE.
 - INSTALLATION SCREWS & FRAME SPLICES TO BE SEALED WITH NARROW JOINT SEALANT. OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.
 - REFERENCES (NOA'S): DEWALT ULTRACON+, DEWALT/ELCO CRETEFLEX & AGGRE-GATOR ANCHOR NOA'S, VISION EXTRUSION, LTD. WHITE RIGID PVC NOA, VE 1000 TAN 202 AND LIGHTER SHADES (NON-WHITE) RIGID PVC NOA AND BROWN COATED (PAINTED OR LAMINATED) WHITE RIGID PVC NOA
- REFERENCES (TEST REPORTS): FTL-6337, 6338, 8646-8649, 8652 & 8717; QAI 22-1081, QA1-NOK-0004; EXOVA-10-002-792(A) & 10-006-10231; CAMBRIDGE 535753-09;
- THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FBC, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ). THE RIGID WHITE, BROWN & TAN PVC MANUFACTURED BY VISION EXTRUSION, LTD. HAS BEEN TESTED TO COMPLY WITH THE FLORIDA BUILDING CODE FOR PLASTICS, (COMPONENT REQUIREMENTS).
 - DOOR SIZES MUST BE VERIFIED FOR COMPLIANCE WITH EGRESS REQUIREMENTS OF THE FBC, AS APPLICABLE.
 - DRAWINGS DEPICT EXTERIOR-GLAZING, HOWEVER INTERIOR-GLAZING MAY BE SUBSTITUTED.

ANCHOR NOTES:

- FOR CONCRETE/CMU SUBSTRATE APPLICATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED ANCHORS. SEE TABLE A ON THIS SHEET FOR EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS.
- FOR OTHER SUBSTRATE APPLICATIONS SEE TABLE A ON THIS SHEET.
- WOOD BUCKS DEPICTED AS 1X ARE LESS THAN 1-1/2" THICK. PROPERLY SECURED, 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SOLID CONCRETE OR CMU. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD & TO BE REVIEWED BY THE BUILDING OFFICIAL.
- METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER THE FBC AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
- IF SILL IS TIGHT TO SUBSTRATE, GROUT OR OTHER MATERIAL IS NOT REQUIRED. IF USED, NON-SHRINK, NON-METALLIC GROUT, MAX. 1/4" THICK & 3400 PSI MIN., (DONE BY OTHERS) MUST FULLY SUPPORT THE ENTIRE LENGTH OF THE SILL THAT IS NOT TIGHT TO THE SUBSTRATE, AND TRANSFER SHEAR LOAD TO SUBSTRATE. IF SUBSTRATE IS WOOD, 30# FELT PAPER OR MASTIC IS REQUIRED BETWEEN THE GROUT AND WOOD SUBSTRATE, OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION.

TABLE A:

Group	Anchor	Substrate	Frame Member	Min. Edge Distance	Min. Embedment
A	# 2, steel SMS (G5) or 410 S.S. SMS (min. 11 threads/in)	P. Southern Pine, (SG=0.55)	Head/Sill/Jamb/P-hook	9/16"	1-3/8"
		Aluminum, 6063-T5	Head/Sill/Jamb/P-hook	3/8"	1/8"
		Steel, A36, (0.060" min.)	Head/Sill/Jamb/P-hook	3/8"	0.060"
		Steel Stud, A653 Gr. 33	Head/Sill/Jamb/P-hook	3/8"	0.071" (14 Ga.)
	1/4" DeWalt Ultracon+ 1/4" Elco 410 S.S. CreteFlex	P. Southern Pine, (SG=0.55)	Jamb Head/Sill/Jamb/P-hook	1" 1"	1-3/8" 1-3/8"
B	#12, steel wood screw (G5)	P. Southern Pine, (SG=0.55)	Head/Sill/Jamb/P-hook	9/16"	1-3/8"
C	1/4" DeWalt Ultracon+	Concrete, (min. 3 ksi)	Head/Sill/Jamb P-hook	1-1/2" 1"	1-3/8" 1-3/8"
		UngROUTED CMU, (ASTM C-90)	Jamb/P-hook	1"	1-1/4"
	1/4" DeWalt/Elco 410 S.S. CreteFlex	UngROUTED CMU, (ASTM C-90)	Jamb/P-hook	1-3/4"	1-1/4"
		Concrete, (min. 3.35 ksi)	Head/Sill/Jamb P-hook	1-3/16" 1"	1-3/4" 1-3/4"
	1/4" DeWalt/Elco 18-8 S.S. Aggre-Gator	Concrete, (min. 2.22 ksi)	Head/Sill/Jamb/P-hook	1-1/2"	1-3/8"
		UngROUTED CMU, (ASTM C-90)	Jamb/P-hook	2"	1-1/4"
		P. Southern Pine, (SG=0.55)	Head/Sill/Jamb/P-hook	1"	1-3/8"
D	1/4" DeWalt Ultracon+	Concrete, (min. 3 ksi)	Head/Sill/Jamb/P-hook	2-1/2"	1-3/8"
		UngROUTED CMU, (ASTM C-90)	Jamb/P-hook	2-1/2"	1-1/4"
	1/4" DeWalt/Elco 410 S.S. CreteFlex	Concrete, (min. 3.35 ksi)	Head/Sill/Jamb P-hook	2-1/2" 2-1/2"	1-3/4" 1-3/8"
		UngROUTED CMU, (ASTM C-90)	Jamb/P-hook	2-1/2"	1-1/4"

- MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE. METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION. ALL ANCHOR HEAD TYPES APPLICABLE.
- "UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.
- FOR THE MINIMUM STRENGTHS OF ANCHORS AND SUBSTRATES, SEE TABLE F, SHEET 21.
- ALL ANCHOR HEAD TYPES ARE APPLICABLE.

INSTRUCTIONS:

- KNOWING THE REQUIRED DESIGN PRESSURE OF THE OPENING, THE ANCHOR REQUIREMENTS FOR THE SLIDING GLASS DOORS MAY BE DETERMINED FROM DESIGN PRESSURE TABLES 1 OR 2, DEPENDING ON THE GLASS/REINFORCEMENT.
- LOCATE THE SLIDING GLASS DOOR SIZE ON THE TABLE, USING THE FRAME HEIGHT AND THE NOMINAL PANEL WIDTH IF YOUR EXACT SIZE IS NOT LISTED, ROUND UP TO THE NEXT GREATER LISTED WIDTH AND/OR HEIGHT.
- CHOOSE WHICH ANCHOR GROUP (A-D) IS MOST APPLICABLE. ANCHORS ARE DEFINED IN TABLE A, THIS SHEET, ALONG WITH THE CORRESPONDING SUBSTRATE, MINIMUM EMBEDMENT AND MINIMUM EDGE DISTANCE.
- FROM THE DESIGN PRESSURE TABLES (TABLES 1 OR 2), VERIFY THAT THE OPENING'S REQUIRED DESIGN PRESSURE IS MET OR EXCEEDED. USE THE ANCHOR QUANTITIES SHOWN.
- INSTALL AS PER THE GUIDELINES OF THIS SHEET-SET.
- ADDITIONALLY, SEE THE EXAMPLE ON SHEET 9.


CODES / STANDARDS USED:

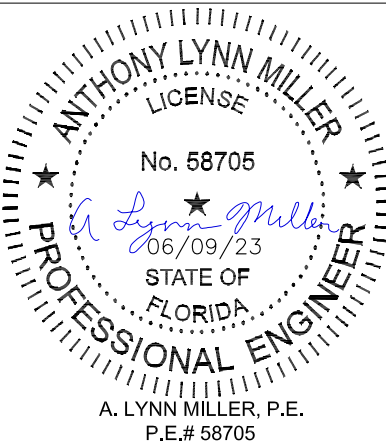
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- 2020 FLORIDA BUILDING CODE (FBC), 7TH EDITION
- ASTM E1300-09
- ANSI/AF&PA NDS-2018 FOR WOOD CONSTRUCTION
- ALUMINUM DESIGN MANUAL, ADM-2020
- AISI S100-16
- AISC 360-16

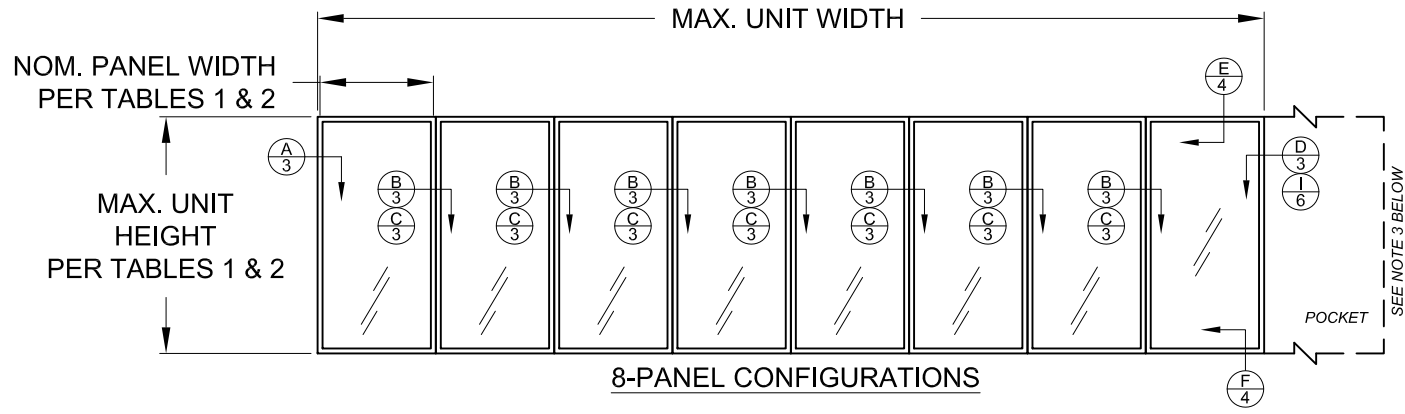
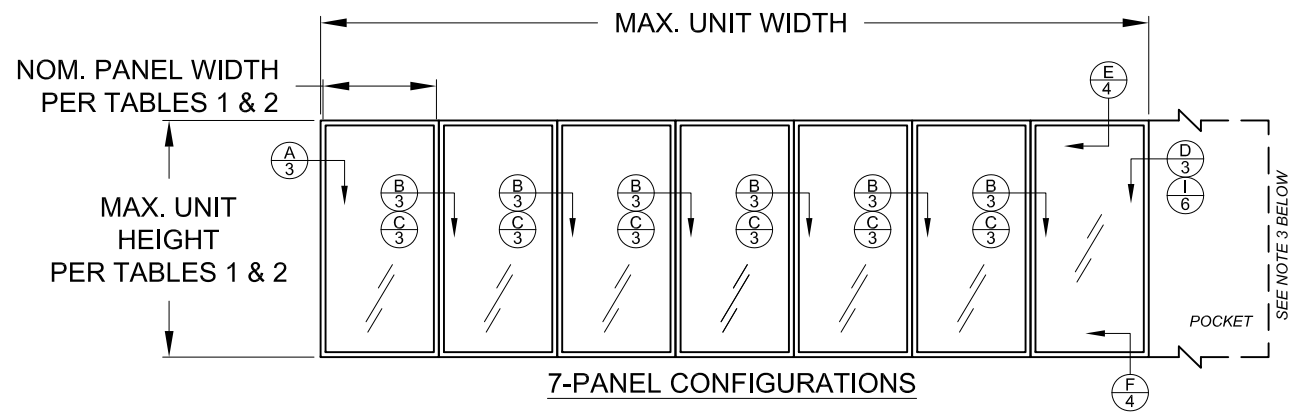
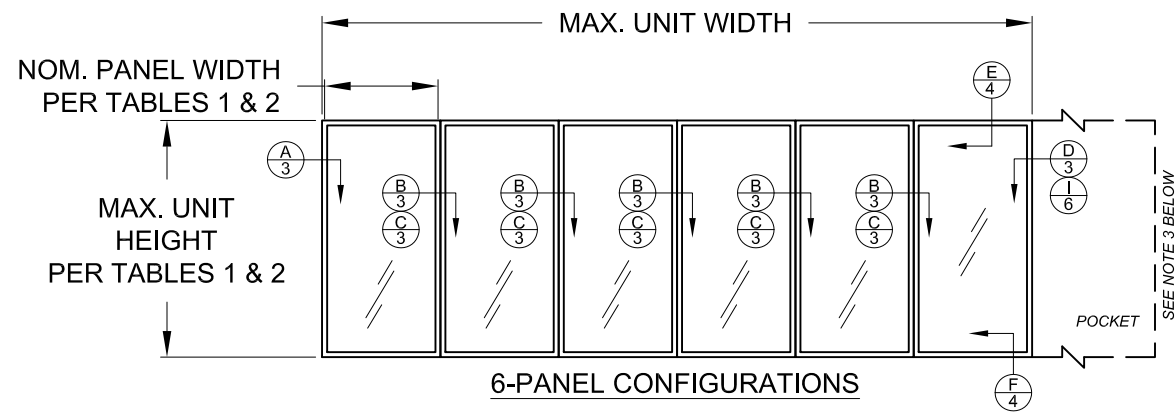
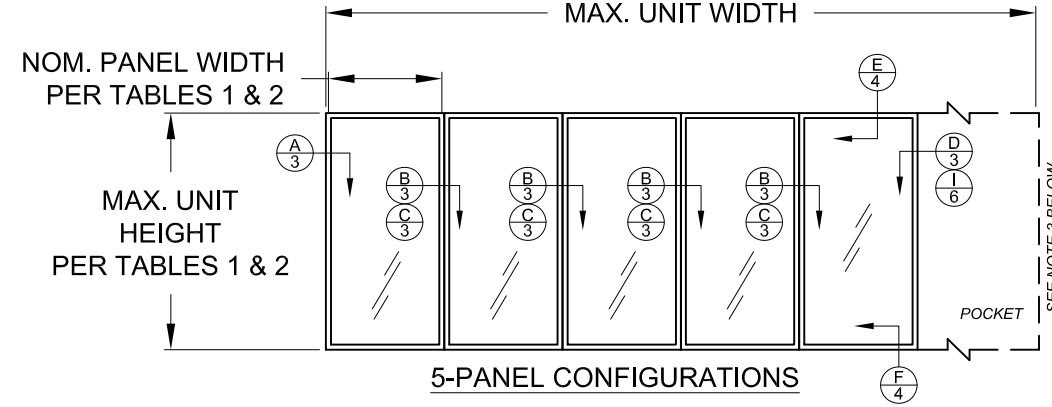
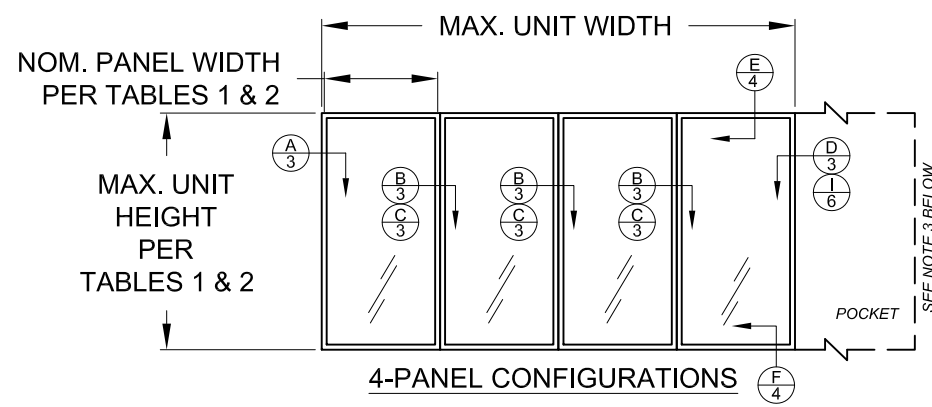
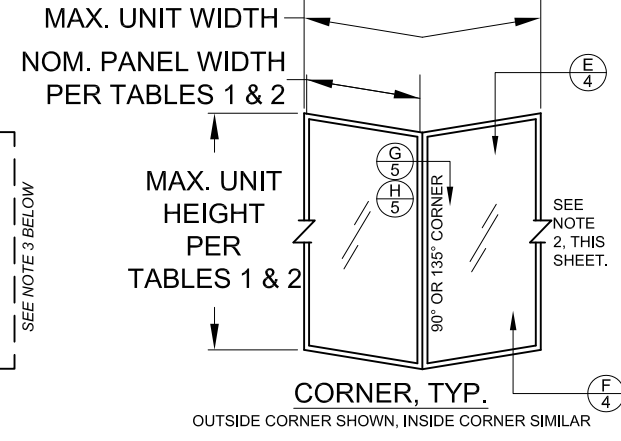
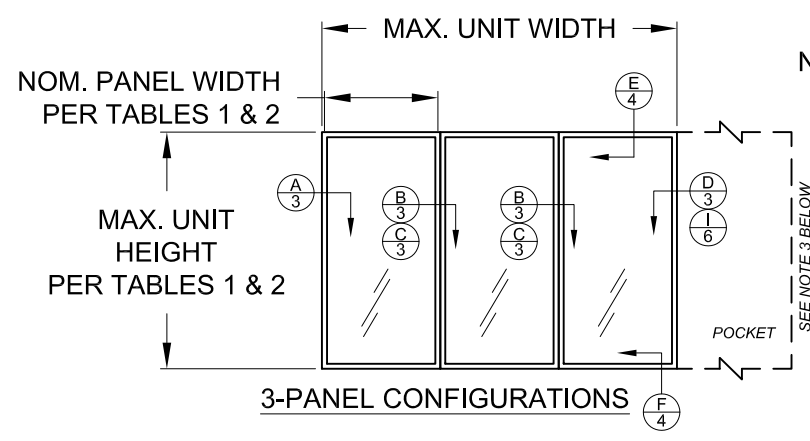
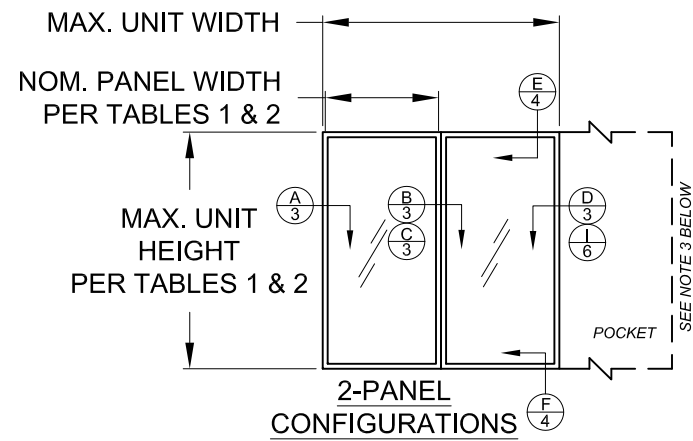
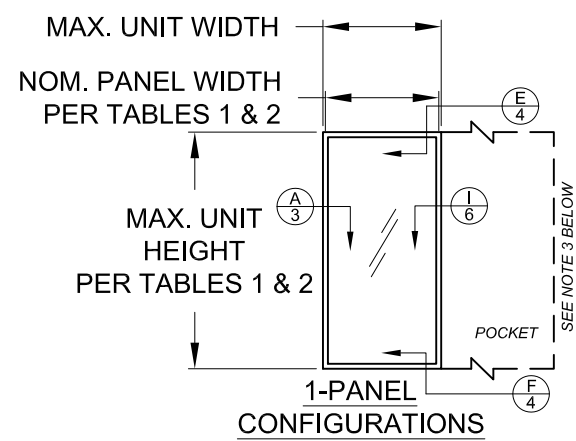
GENERAL NOTES.....	1
EXAMPLE CONFIGS.....	2
INSTALL DETAILS.....	3-6
DP/ANCHOR TABLES.....	7-8
EXAMPLE.....	9
GLAZING DETAILS.....	10
ANCHOR LAYOUTS.....	11-16
PANEL TYPES.....	17
EXTRUSIONS.....	18
ACCESSORIES.....	19
SCREEN DETAILS.....	20
PARTS LIST.....	20-21

PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. 23-0710.10
Expiration Date: 04/14/2026
By: *Manuel Perez*
Miami-Dade Product Control

UPDATED TO 2023 BUILDING CODE.
JR - 06/06/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275	(941) 480-1600 REGISTRATION #29296	Date	10/05/15	Rev	F
		By	JENS ROSOWSKI	No	MD-5570.0
 Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	VINYL SLIDING GLASS DOOR (LM)	Sheet	1 OF 21	DWG	
		Series	SGD-5570	Desc	GENERAL NOTES





DETAIL LETTER
X #
SHEET NUMBER

DLO WIDTH = NOM. PANEL WIDTH - 8-9/16"
 NOM. PANEL WIDTH = PANEL WIDTH + 1-3/16"
 DLO HEIGHT = DOOR HEIGHT - 11-1/16"
 PANEL HEIGHT = DOOR HEIGHT - 2-1/2"


CONFIGURATIONS NOTES:

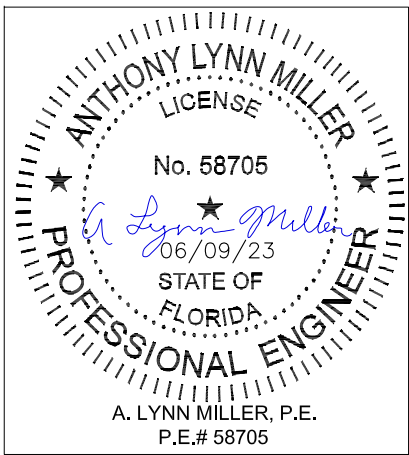
- 1) ALL CONFIGURATIONS SHOWN ARE ALSO AVAILABLE AS POCKET CONFIGURATIONS AT EITHER OR BOTH JAMB LOCATIONS. EXAMPLE: 4-PANEL XXXX IN POCKET (p) CONFIGURATION CAN BE pXXXXp, pXXXX OR XXXXp. OXXX IN POCKET CONFIGURATION CAN BE OXXXp.
- 2) 90° & 135° CORNER CONFIGURATIONS ARE A COMBINATION OF ANY 2 STRAIGHT CONFIGURATIONS.
- 3) POCKET WALL OR CAVITY IS NOT PART OF THIS APPROVAL AND IS TO BE DESIGNED BY OTHERS AND REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
- 4) FOR NOM. PANEL WIDTH, SEE TABLES 1 & 2.
- 5) MAX. ALLOWABLE FRAME SQUARE FOOTAGE = 472.656 FT²

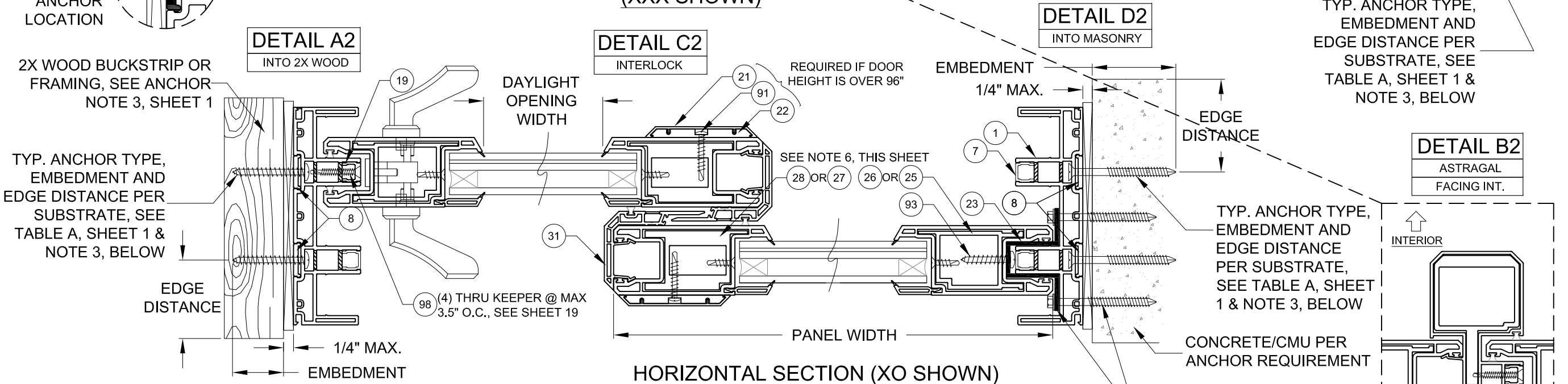
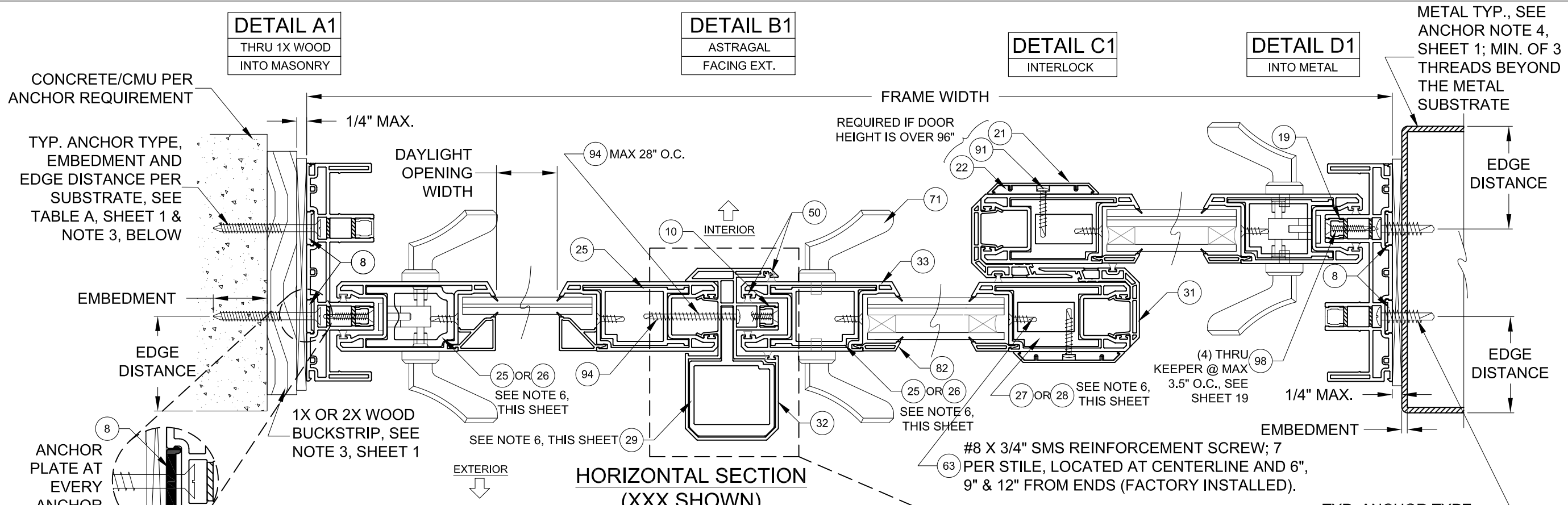
"X" = OPERABLE PANEL
 "O" = INOPERABLE PANEL
 "p" = POCKET

PRODUCT REVISED
 As complying with the Florida Building Code
 NOA-No. 23-0710.10
 Expiration Date: 04/14/2026
 By: *Manuel Ferrer*
 Miami-Dade Product Control

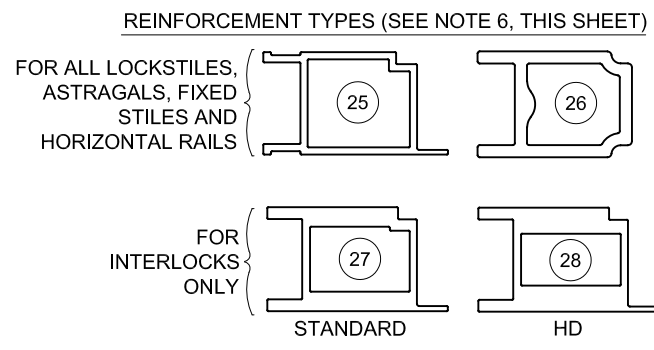
UPDATED TO 2023 BUILDING CODE.
 JR - 06/06/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275	REGISTRATION #29296	Date	10/05/15	Rev	F
		By	JENS ROSOWSKI	No	MD-5570.0
 Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	VINYL SLIDING GLASS DOOR (LM)	EXAMPLE CONFIGURATIONS	Sheet	2 OF 21	DWG
			Series	SGD-5570	





- NOTES**
- 1) DETAILS APPLY TO 2, 3 AND 4 TRACK CONFIGURATIONS.
 - 2) REFER TO ANCHOR NOTES, SHEET 1.
 - 3) SEE SHEET 13 FOR ANCHOR LOCATION & SPACING, FOR ANCHOR QUANTITIES, SEE TABLES 1 & 2.
 - 4) CONTINUOUS ANCHOR PLATE, ITEM #8, IS REQUIRED AT ALL FRAME ANCHOR LOCATIONS.
 - 5) PANEL WIDTH DOES NOT INCLUDE INTERLOCK OR ASTRAGAL ADD-ON.
 - 6) SEE TABLES 1 & 2 FOR REINFORCEMENT REQUIREMENTS. ALL REINFORCEMENTS ARE APPROXIMATELY THE FULL LENGTH OF THE EXTRUSION. REFER TO TEST REPORTS FOR EXACT DIMENSIONS.
 - 7) SEE SHEET 20 FOR SCREEN DETAILS.



PRODUCT REVISED
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NOA-No. 23-0710.10
Expiration Date: 04/14/2026
By: *Manuel Ferr*
Miami-Dade Product Control

UPDATED TO 2023 BUILDING CODE.
JR - 06/06/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275	REGISTRATION #29296 (941) 480-1600	Date	10/05/15
		Drawn By	JENS ROSOWSKI
PGT Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	VINYL SLIDING GLASS DOOR (LM)	No. DWG	3 OF 21
		Series	SGD-5570
HORIZONTAL CROSS SECTIONS		Rev	F
HORIZONTAL CROSS SECTIONS		MD-5570.0	

ANTHONY LYNN MILLER
LICENSE
No. 58705
06/09/23
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

DETAIL E1

INTO MASONRY
1X BUCKSTRIP

TYP. ANCHOR TYPE, EMBEDMENT AND EDGE DISTANCE PER SUBSTRATE, SEE TABLE A, SHEET 1 & NOTE 3, THIS SHEET

DETAIL E2

INTO WOOD

2X WOOD BUCKSTRIP OR FRAMING, SEE ANCHOR NOTE 3, SHEET 1
TYP. ANCHOR TYPE, EMBEDMENT AND EDGE DISTANCE PER SUBSTRATE, SEE TABLE A, SHEET 1 & NOTE 3, THIS SHEET

EDGE DISTANCE
CONCRETE/CMU PER ANCHOR REQUIREMENT

DETAIL E3

INTO MASONRY

TYP. ANCHOR TYPE, EMBEDMENT AND EDGE DISTANCE PER SUBSTRATE, SEE TABLE A, SHEET 1 & NOTE 3, THIS SHEET

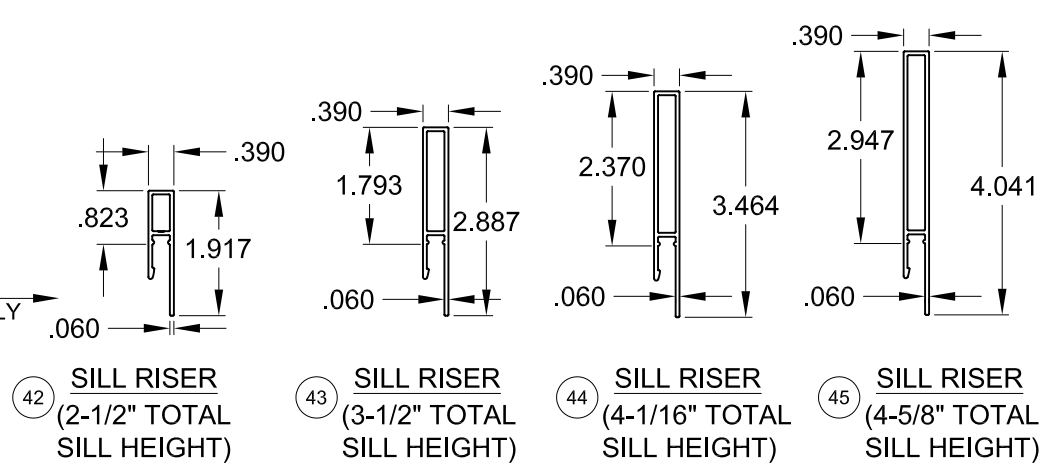
DETAIL E4

INTO METAL

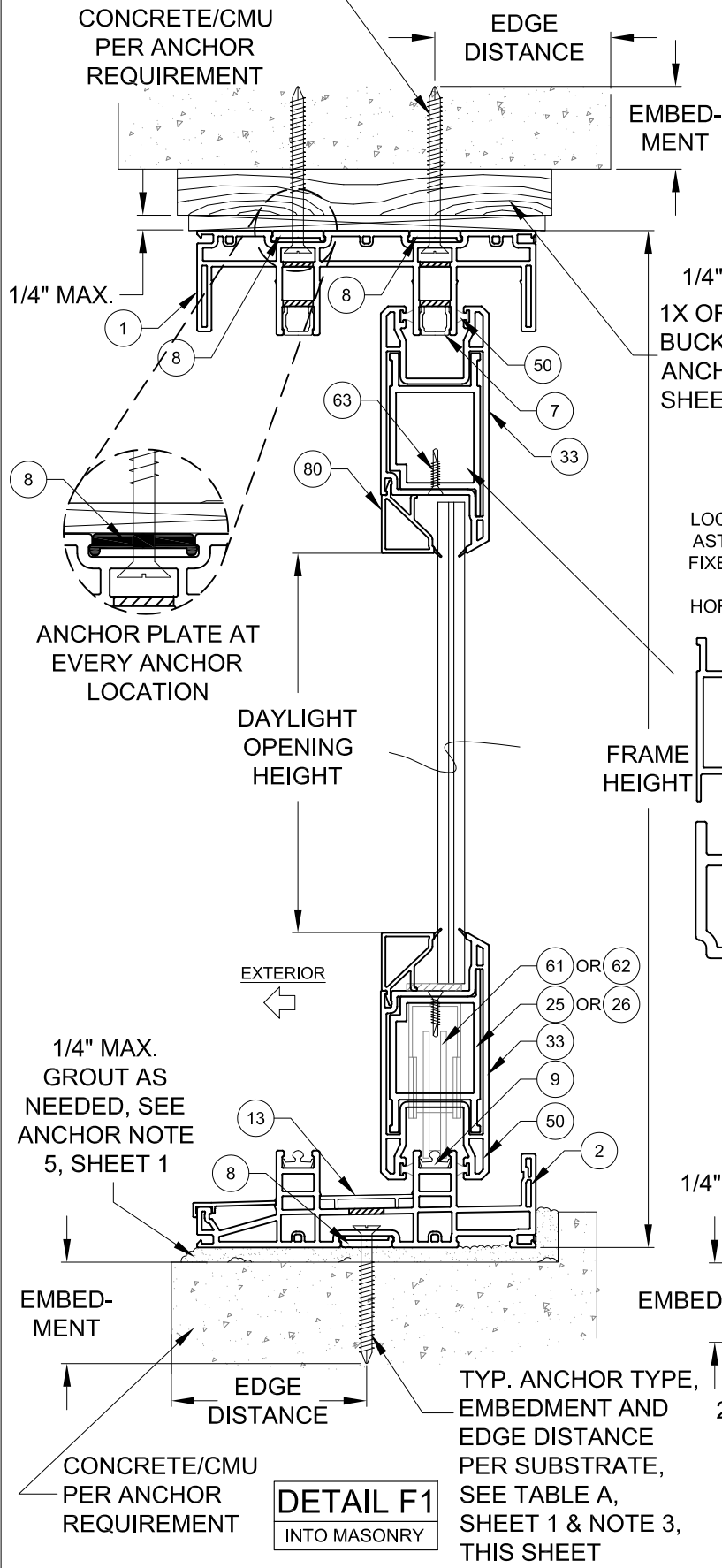
DADE APPROVED MULLION, FBC COMPLIANT ALUMINUM/STEEL FRAMING OR STEEL STUD. MAY BE VERTICAL OR HORIZONTAL. SEE SUBSTRATE PROPERTIES, TABLE A, SHEET 1

DLO WIDTH = NOM. PANEL WIDTH - 8-9/16"
DLO HEIGHT = DOOR HEIGHT - 11-1/16"
PANEL HEIGHT = DOOR HEIGHT - 2-1/2"

SILL RISER VARIES WITH REQUIRED POSITIVE DESIGN PRESSURE, SEE SHEETS 7 & 8.



- NOTES**
- 1) DETAILS APPLY TO 2, 3 AND 4 TRACK CONFIGURATIONS.
 - 2) REFER TO ANCHOR NOTES, SHEET 1.
 - 3) SEE SHEETS 11 & 12 FOR ANCHOR LOCATION & SPACING, FOR ANCHOR QUANTITIES, SEE TABLES 1 & 2.
 - 4) CONTINUOUS ANCHOR PLATE, ITEM #8, IS REQUIRED AT ALL FRAME ANCHOR LOCATIONS.
 - 5) SEE SHEET 20 FOR SCREEN DETAILS.
 - 6) SEE TABLES 1 & 2 FOR REINFORCEMENT REQUIREMENTS. ALL REINFORCEMENTS ARE APPROXIMATELY THE FULL LENGTH OF THE EXTRUSION. REFER TO TEST REPORTS FOR EXACT DIMENSIONS.



DETAIL F1

INTO MASONRY

TYP. ANCHOR TYPE, EMBEDMENT AND EDGE DISTANCE PER SUBSTRATE, SEE TABLE A, SHEET 1 & NOTE 3, THIS SHEET

DETAIL F2


INTO WOOD

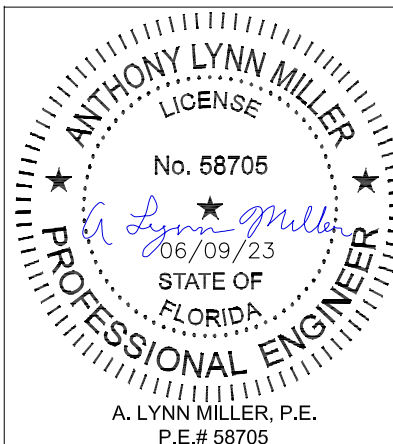
2X WOOD BUCKSTRIP OR FRAMING, SEE ANCHOR NOTE 3, SHEET 1

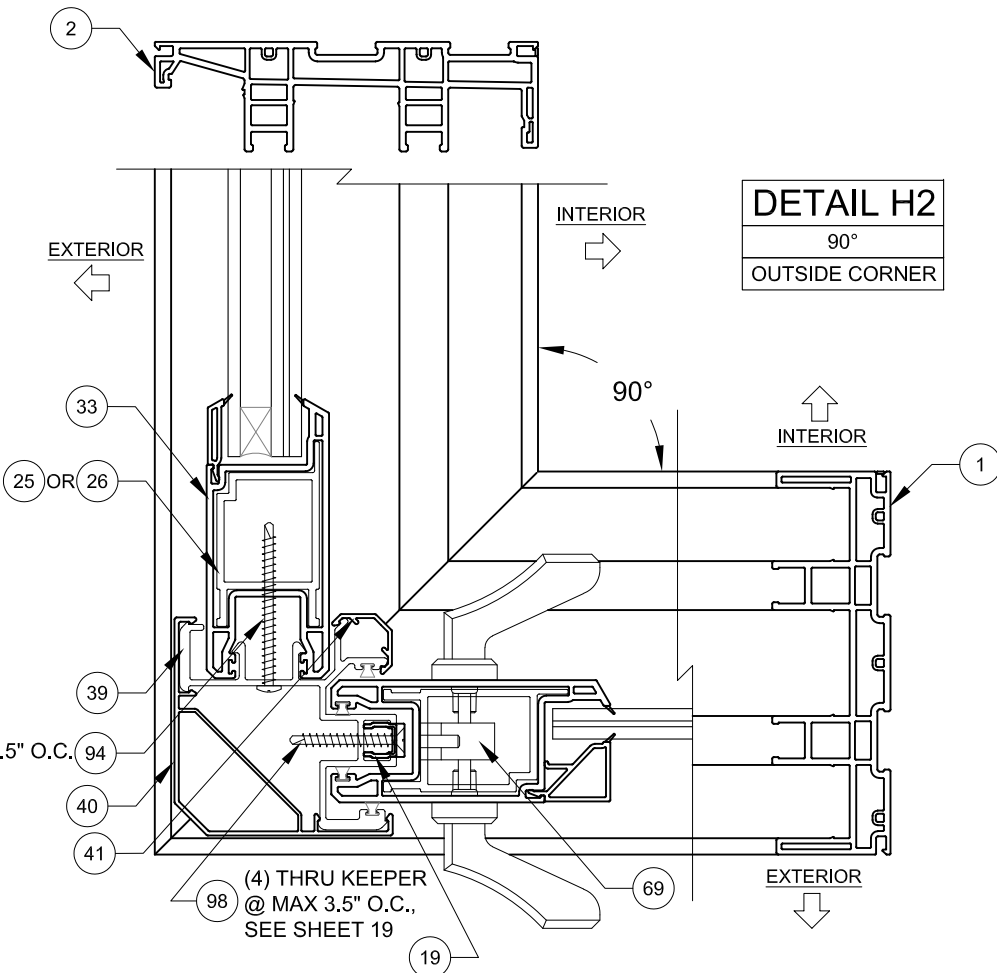
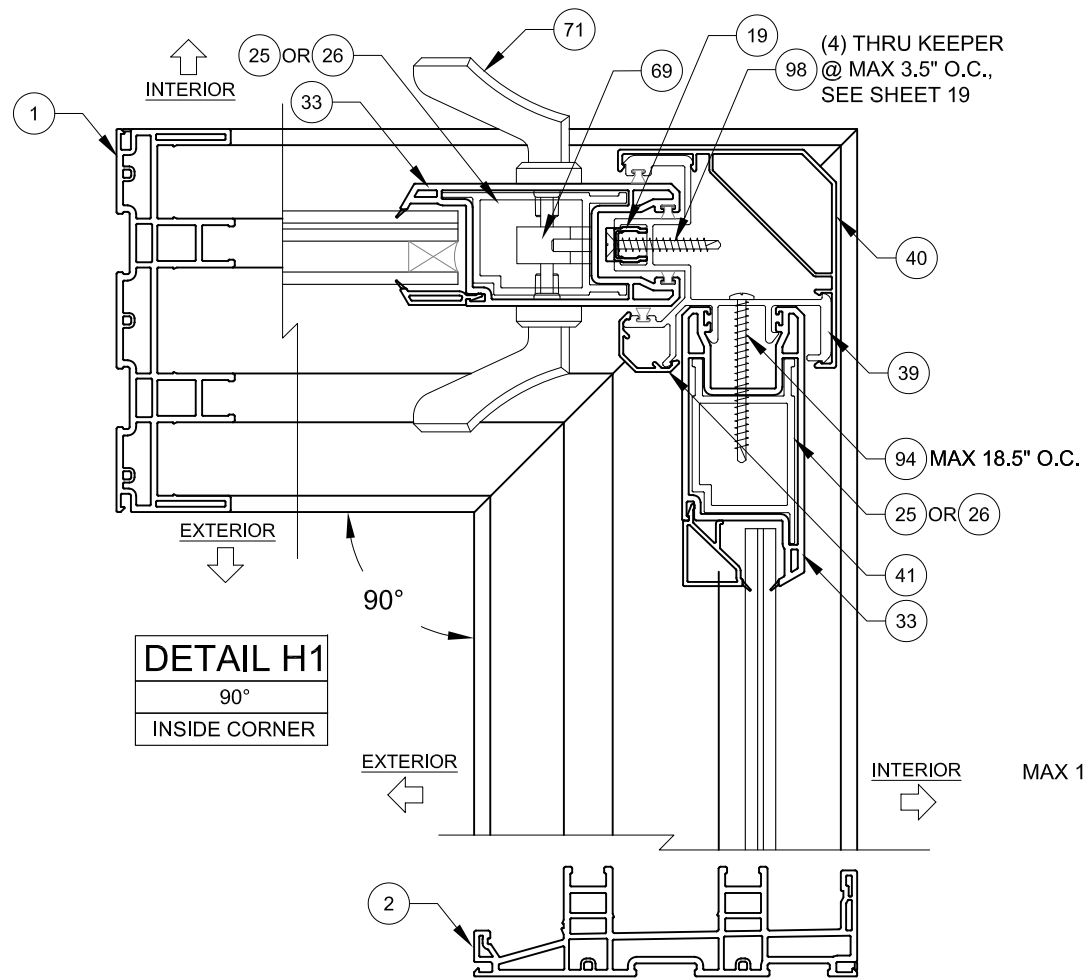
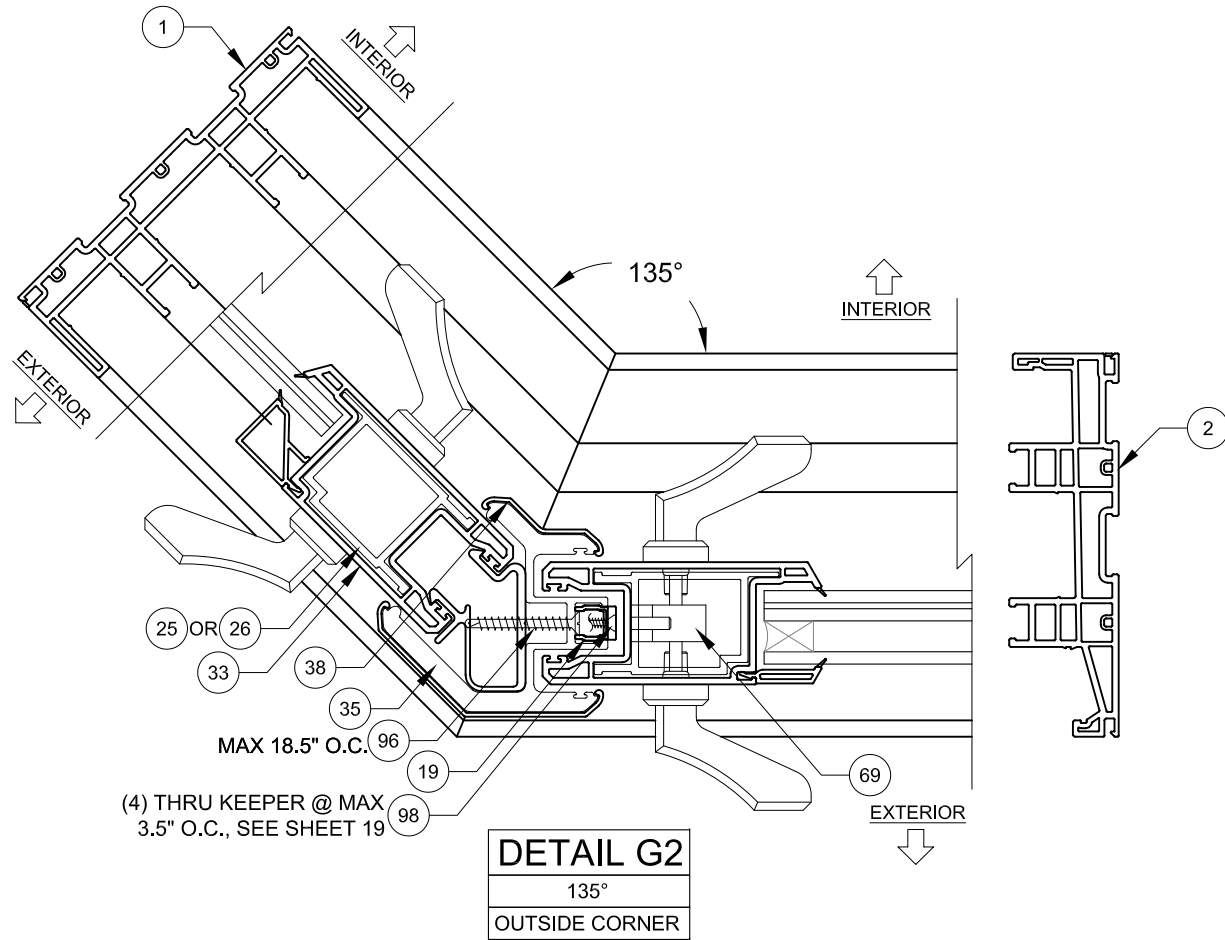
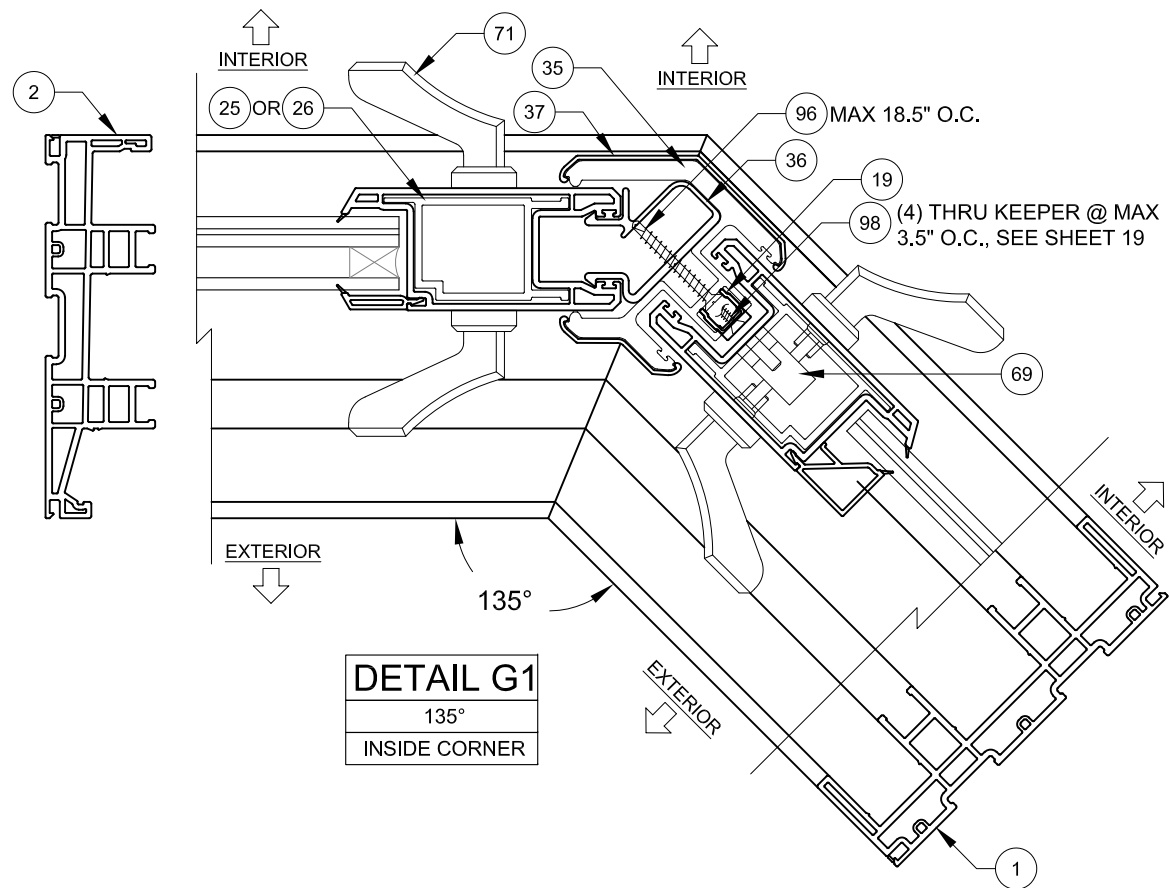
TYP. ANCHOR TYPE, EMBEDMENT AND EDGE DISTANCE PER SUBSTRATE, SEE TABLE A, SHEET 1 & NOTE 3, THIS SHEET

PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. 23-0710.10
Expiration Date: 04/14/2026
By: *Manuel Perez*
Miami-Dade Product Control

UPDATED TO 2023 BUILDING CODE.
JR - 06/06/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	10/05/15
		By	JENS ROSOWSKI
 Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	VINYL SLIDING GLASS DOOR (LM)	No.	MD-5570.0
		Sheet	4 OF 21
Series	SGD-5570	Desc.	VERTICAL CROSS SECTIONS




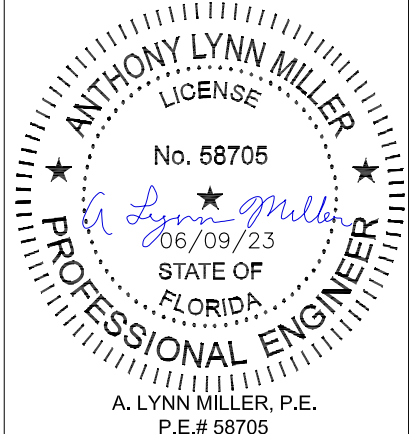


NOTES
 1) DETAILS APPLY TO 2, 3 AND 4 TRACK CONFIGURATIONS.
 2) SEE SHEETS 14 & 15 FOR ANCHOR LOCATION & SPACING, FOR ANCHOR QUANTITIES, SEE TABLES 1 & 2.
 3) CORNER ASTRAGAL MAY BE EITHER TO THE INTERIOR OR EXTERIOR, DEPENDING ON CONFIGURATION.

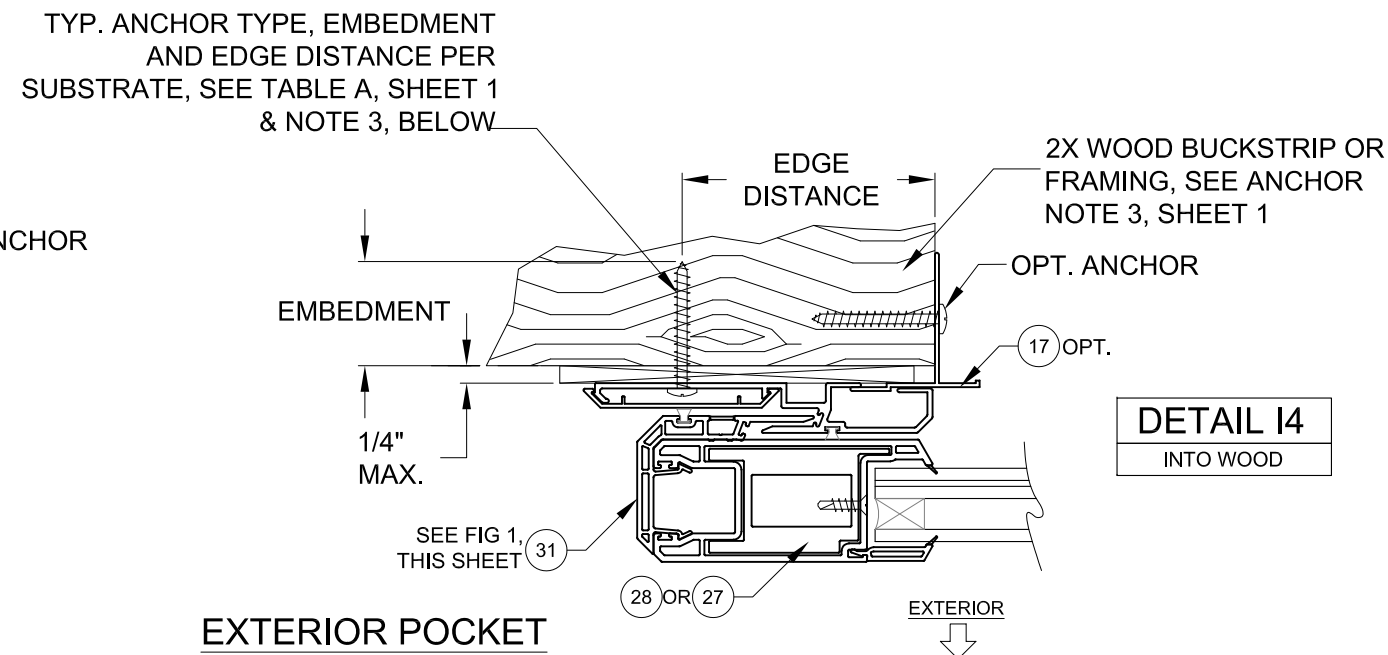
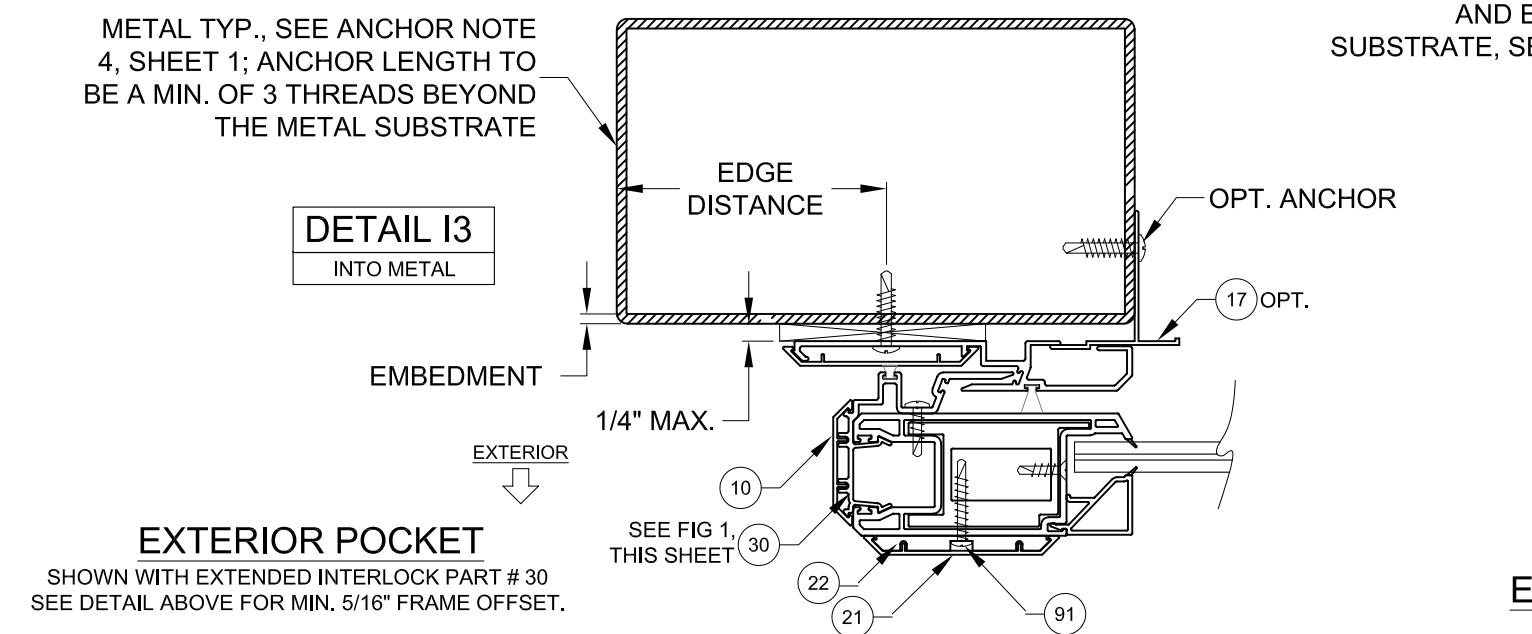
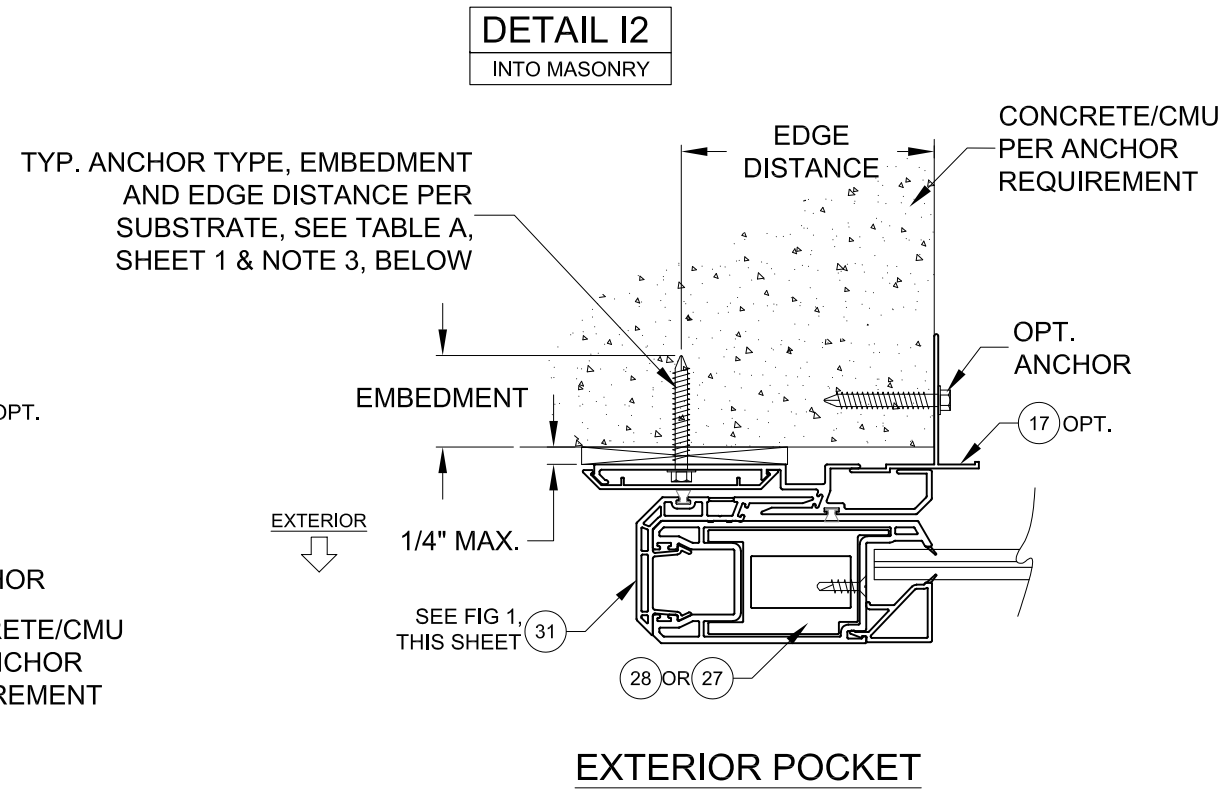
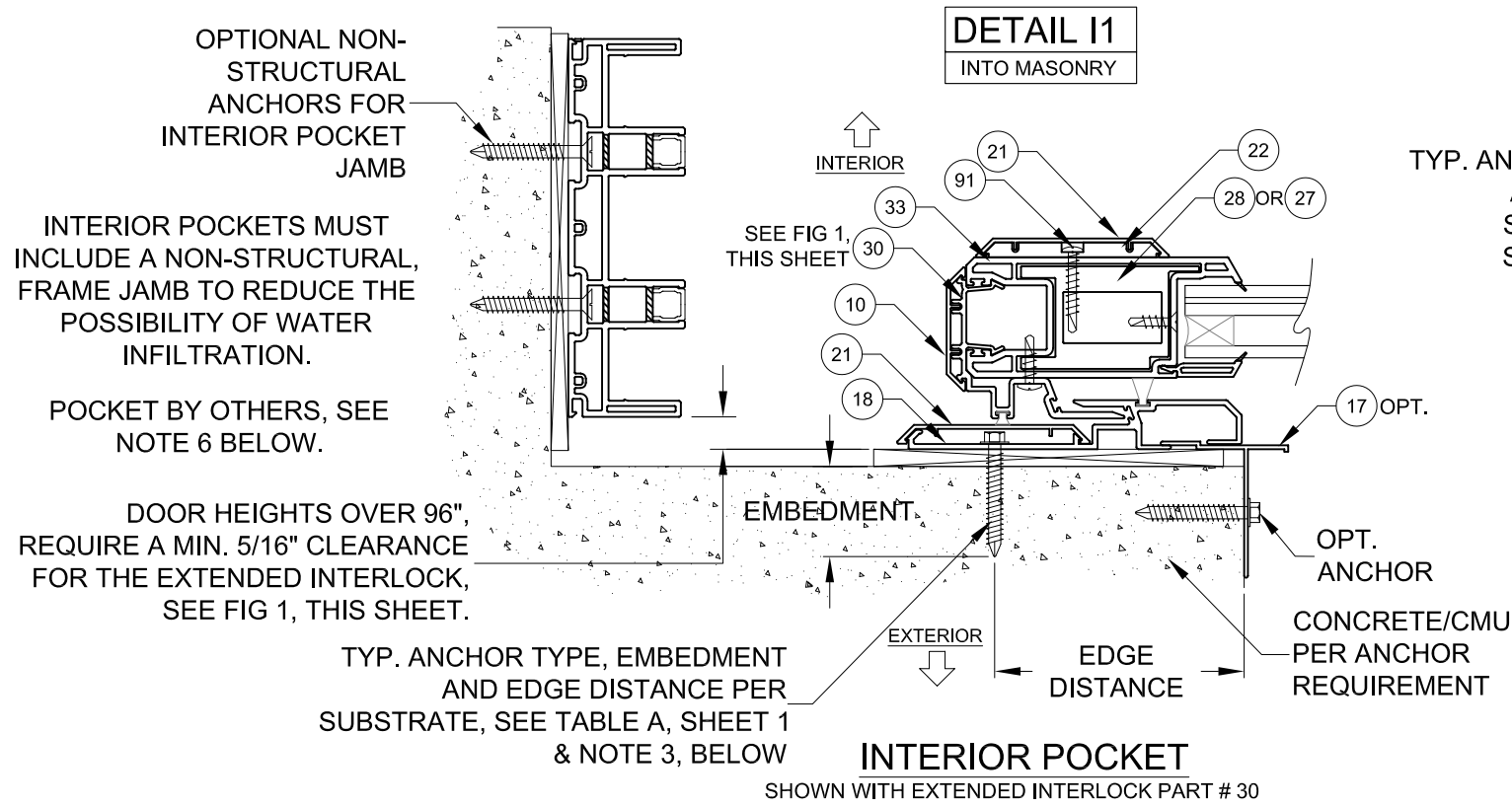
PRODUCT REVISED
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 Expiration Date: 04/14/2026
 By: *Manuel Ferr*
 Miami-Dade Product Control

UPDATED TO 2023 BUILDING CODE.
 JR - 06/06/23

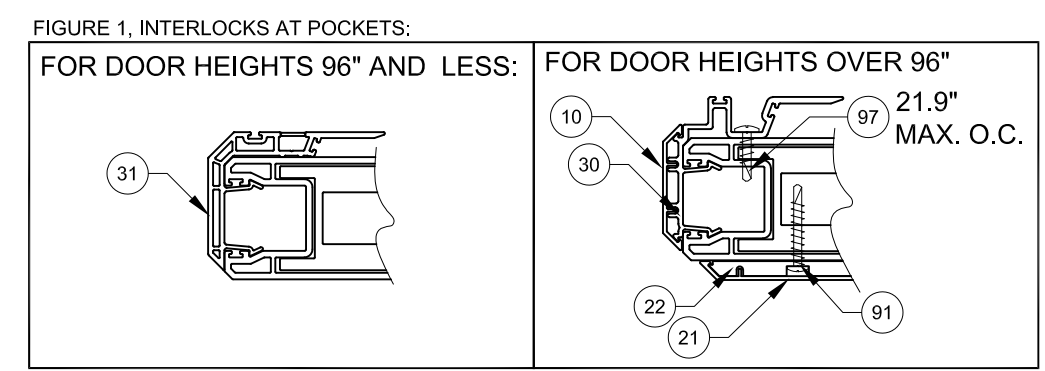
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275	REGISTRATION #29296	Date	10/05/15
		By	JENS ROSOWSKI
 Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	VINYL SLIDING GLASS DOOR (LM)	No.	5 OF 21
		Series	SGD-5570
CORNER HORIZ. X-SECTION		Drawn	JENS ROSOWSKI
		Rev	F
		No.	MD-5570.0



A. LYNN MILLER, P.E.
 P.E.# 58705




- NOTES**
- 1) DETAILS APPLY TO 2, 3 AND 4 TRACK CONFIGURATIONS.
 - 2) REFER TO ANCHOR NOTES, SHEET 1.
 - 3) SEE SHEET 13 FOR ANCHOR LOCATION & SPACING, FOR ANCHOR QUANTITIES, SEE TABLES 1 & 2.
 - 4) SEE TABLES 1 & 2 FOR REINFORCEMENT REQUIREMENTS.
 - 5) INTERIOR OR EXTERIOR POCKETS APPLICABLE FOR ALL INSTALLATION METHODS.
 - 6) POCKET WALL OR CAVITY IS NOT PART OF THIS APPROVAL AND IS TO BE DESIGNED BY OTHERS AND REVIEWED BY THE AUTHORITY HAVING JURISDICTION.



PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. 23-0710.10
Expiration Date: 04/14/2026
By: *Manuel Perez*
Miami-Dade Product Control

UPDATED TO 2023 BUILDING CODE.
JR - 06/06/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	Date	10/05/15	Rev	F
	By	JENS ROSOWSKI	No	MD-5570.0
 Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	VINYL SLIDING GLASS DOOR (LM)	Sheet	6 OF 21	DWG
		Desc	POCKET HORIZ. X-SECTION	Series

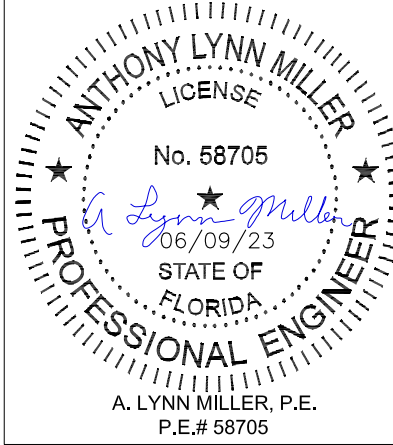


TABLE 1:

Design Pressure (DP) and Anchor Quantities Required, (for all approved configurations on Sheet 2)															
Use this table for: Glass Types 1, 1A, 3 or 3A Astragal Reinforcement #29 Lockstile Reinforcement #25 or #26 Std. Interlock Reinforcement #27			Door Unit Height												
			80"				84"				96"				
			68-15/16" DLO Height				72-15/16" DLO Height				84-15/16" DLO Height				
			Anchor Group				Anchor Group				Anchor Group				
			A	B	C	D	A	B	C	D	A	B	C	D	
Nominal Panel Width	24"	16-5/8" DLO Width	Design Pressure	+60 / -60 psf				+60 / -60 psf				+60 / -60 psf			
			Head/Sill	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1
			Jamb	5	5	5	5	5	5	5	5	5	5	5	5
	P-hook	7	7	7	7	7	7	7	7	8	8	8	8		
	30"	22-5/8" DLO Width	Design Pressure	+60 / -60 psf				+60 / -60 psf				+60 / -60 psf			
			Head/Sill	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1
			Jamb	5	5	5	5	5	5	5	5	5	5	5	5
	P-hook	7	7	7	7	7	7	7	7	8	8	8	8		
	36"	28-5/8" DLO Width	Design Pressure	+60 / -60 psf				+60 / -60 psf				+60 / -60 psf			
			Head/Sill	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1
			Jamb	5	5	5	5	5	5	5	5	5	5	5	5
	P-hook	7	7	7	7	7	7	7	7	8	8	8	8		
	42"	34-5/8" DLO Width	Design Pressure	+60 / -60 psf				+60 / -60 psf				+60 / -60 psf			
			Head/Sill	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1
			Jamb	5	5	5	5	5	5	5	5	5	5	5	5
P-hook	7	7	7	7	7	7	7	7	8	8	8	8			
48"	40-5/8" DLO Width	Design Pressure	+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				
		Head/Sill	C3+2	C3+1	C3+1	C3+1	C3+2	C3+1	C3+1	C3+1	C5+2	C3+1	C3+1	C3+1	
		Jamb	5	5	5	5	5	5	5	5	5	5	6	5	
P-hook	7	7	7	7	7	7	7	7	8	8	8	8			

USED IN EXAMPLE ON SHEET 9

ANCHORAGE TYPE PER SUBSTRATE REQUIRED TO ACHIEVE THE DESIGN PRESSURE, USING THE ANCHOR QUANTITIES LISTED BELOW. SEE TABLE A, SHEET 1 FOR COMPLETE ANCHOR LIMITATIONS.

THE MAXIMUM DP AT THESE ANCHOR QUANTITIES. ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE TO THE SILL HEIGHT MUST ALSO BE CONSIDERED, SEE TABLE B1, THIS SHEET.

OF ANCHORS THROUGH THE HEAD & SILL. (EX: FOR C3+1, 3 ANCHORS CLUSTERED AT PANEL MEETING POINT AND 1 ANCHOR REQUIRED AT MIDSPAN OF PANEL).

TOTAL # OF ANCHORS THROUGH THE JAMB.

THE # OF ANCHORS REQUIRED THROUGH THE P-HOOK, PERPENDICULAR TO THE GLASS.

TABLE B1:

Water-Limited (+) Design Pressure		
Sill Riser	Nom. Sill Height	Max. (+) DP Allowed
None	1-11/16"	See Note 2
42	2-1/2"	+38.7 psf
43	3-1/2"	+60.0 psf
44	4-1/16"	+60.0 psf
45	4-5/8"	+60.0 psf

FIG 1:

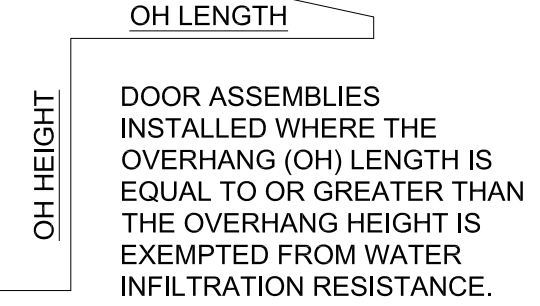



TABLE NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED, THE LESSER VALUES OF EITHER TABLE 1 AND TABLE B1 DETERMINES THE WATER LIMITED (+) DP.
- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IF SO, +DP'S SHOWN IN TABLE 1 MAY BE USED.
- 3) SEE SILL RISER TYPES ON SHEET 4.
- 4) SHEET APPLIES TO 2, 3 AND 4 TRACK CONFIGURATIONS.
- 5) REFER TO ANCHOR NOTES, SHEET 1.
- 6) SEE SHEETS 11-16 FOR ANCHOR LOCATION & SPACING

DLO WIDTH = NOM. PANEL WIDTH - 7-3/8"
DLO HEIGHT = DOOR HEIGHT - 11-1/16"
PANEL HEIGHT = DOOR HEIGHT - 2-1/2"

PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. 23-0710.10
Expiration Date: 04/14/2026
By: *Manuel Perez*
Miami-Dade Product Control

UPDATED TO 2023 BUILDING CODE.
JR - 06/06/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275	REGISTRATION #29296 (941) 480-1600	Date	10/05/15
		Drawn By	JENS ROSOWSKI
 Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	VINYL SLIDING GLASS DOOR (LM)	No.	MD-5570.0
		Series	F
DP & ANCHOR QUANTITY TABLE		Sheet	7 OF 21
		Series	SGD-5570

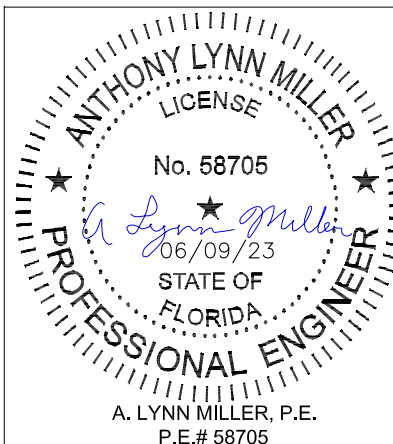


TABLE 2:

Design Pressure (DP) and Anchor Quantities Required,
(for all approved configurations on Sheet 2)

Use this table for: Glass Types 2, 4, 5 or 6 Astragal Reinforcement #29 Lockstile Reinforcement #25 HD Interlock Reinforcement #28			Door Unit Height																				
			80"				84"				96"				108"				120"				
			68-15/16" DLO Height				72-15/16" DLO Height				84-15/16" DLO Height				96-15/16" DLO Height				108-15/16" DLO Height				
			Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group				
			A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	
Nominal Panel Width	24"	16-5/8" DLO Width	Design Pressure	+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+60 / -65 psf				+60 / -65 psf			
			Head/Sill	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C5+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1
			Jamb	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6
			P-hook	7	7	7	7	7	7	7	7	8	8	8	8	9	9	9	9	10	10	10	10
	30"	22-5/8" DLO Width	Design Pressure	+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+60 / -65 psf				+60 / -65 psf			
			Head/Sill	C5+1	C3+1	C3+1	C3+1	C5+1	C3+1	C3+1	C3+1	C5+1	C3+1	C5+1	C3+1	C3+1	C3+1	C3+1	C3+1	C5+1	C3+1	C3+1	C3+1
			Jamb	5	5	5	5	5	5	6	5	5	5	7	5	6	6	6	6	6	6	6	6
			P-hook	7	7	7	7	7	7	7	7	8	8	8	8	9	9	9	9	10	10	10	10
	36"	28-5/8" DLO Width	Design Pressure	+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+60 / -65 psf				+60 / -65 psf			
			Head/Sill	C5+2	C3+1	C5+1	C3+1	C5+2	C3+1	C5+1	C3+1	C5+2	C5+1	C5+1	C3+1	C5+1	C3+1	C3+1	C3+1	C5+1	C3+1	C5+1	C3+1
			Jamb	5	5	6	5	5	5	6	5	5	5	7	5	6	6	6	6	6	6	6	6
			P-hook	7	7	7	7	7	7	7	7	8	8	8	8	9	9	9	9	10	10	10	10
	42"	34-5/8" DLO Width	Design Pressure	+100 / -100 psf				+100 / -100 psf				+100 / -100 psf				+60 / -65 psf				+60 / -65 psf			
			Head/Sill	C5+2	C3+2	C5+2	C3+1	C5+2	C5+2	C5+2	C3+1	C5+2	C5+2	C5+2	C3+1	C5+1	C3+1	C5+1	C3+1	C5+1	C5+1	C5+1	C3+1
			Jamb	5	5	7	5	5	5	7	5	5	5	8	5	6	6	6	6	6	6	7	6
			P-hook	7	7	7	7	7	7	7	7	8	8	8	8	9	9	9	9	10	10	10	10
	48"	40-5/8" DLO Width	Design Pressure	+100 / -100 psf				+100 / -100 psf				+92 / -92 psf *				+60 / -65 psf				+60 / -65 psf			
			Head/Sill	C5+2	C5+2	C5+2	C3+2	C5+2	C5+2	C5+2	C3+2	C5+2	C5+2	C5+2	C5+2	C5+2	C3+1	C5+2	C3+1	C5+2	C5+1	C5+2	C3+1
			Jamb	5	5	7	5	5	5	8	5	5	5	9	5	6	6	7	6	6	6	8	6
			P-hook	7	7	7	7	7	7	8	8	8	8	9	9	9	9	9	9	10	10	10	10
	54"	46-5/8" DLO Width	Design Pressure	+80 / -80 psf				+80 / -80 psf				+80 / -80 psf				+60 / 65 psf				+54.1 / -58.7 psf			
			Head/Sill	C5+2	C3+2	C5+2	C3+2	C5+2	C3+2	C5+2	C3+2	C5+2	C5+2	C5+2	C3+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2
			Jamb	5	5	6	5	5	5	7	5	5	5	8	5	6	6	8	6	6	6	8	6
			P-hook	7	7	7	7	7	7	7	7	8	8	8	8	9	9	9	9	10	10	10	10
60"	52-5/8" DLO Width	Design Pressure	+80 / -80 psf				+80 / -80 psf				+80 / -80 psf				+59.1 / -64 psf				+49.6 / -53.7 psf				
		Head/Sill	C5+3	C3+2	C5+3	C3+2	C5+3	C3+2	C5+3	C3+2	C5+3	C5+2	C5+3	C3+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	
		Jamb	5	5	6	5	5	5	7	5	5	5	8	5	6	6	8	6	6	6	8	6	
		P-hook	7	7	7	7	7	7	7	7	8	8	8	8	9	9	9	9	10	10	10	10	

* +/-100.0 PSF FOR ANCHOR GROUPS B, C & D.

ANCHORAGE TYPE PER SUBSTRATE REQUIRED TO ACHIEVE THE DESIGN PRESSURE, USING THE ANCHOR QUANTITIES LISTED BELOW. SEE TABLE A, SHEET 1 FOR COMPLETE ANCHOR LIMITATIONS.

THE MAXIMUM DP AT THESE ANCHOR QUANTITIES. ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE TO THE SILL HEIGHT MUST ALSO BE CONSIDERED, SEE TABLE B2, THIS SHEET.

OF ANCHORS THROUGH THE HEAD & SILL. (EX: FOR C3+1, 3 ANCHORS CLUSTERED AT PANEL MEETING POINT AND 1 ANCHOR REQUIRED AT MIDSPAN OF PANEL).

TOTAL # OF ANCHORS THROUGH THE JAMB. THE # OF ANCHORS REQUIRED THROUGH THE P-HOOK, PERPENDICULAR TO THE GLASS.

FIG 1:

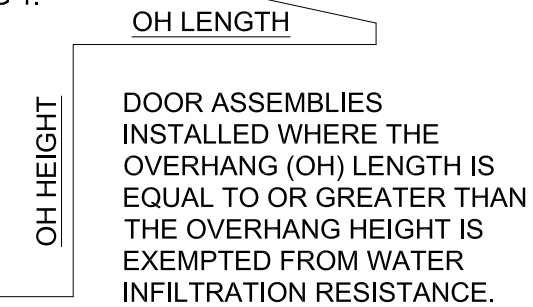


TABLE B2:

Water-Limited (+) Design Pressure		
Sill Riser	Nom. Sill Height	Max. (+) DP Allowed
None	1-11/16"	See Note 2
42	2-1/2"	+38.7 psf
43	3-1/2"	+60.0 psf
44	4-1/16"	+80.0 psf
45	4-5/8"	+100.0 psf

TABLE NOTES:

- IF WATER INFILTRATION RESISTANCE IS REQUIRED, THE LESSER VALUES OF EITHER TABLE 2 AND TABLE B2 DETERMINES THE WATER LIMITED (+) DP.
- IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IF SO, +DP'S SHOWN IN TABLE 2 MAY BE USED.
- SEE SILL RISER TYPES ON SHEET 4.
- SHEET APPLIES TO 2, 3 AND 4 TRACK CONFIGURATIONS.
- REFER TO ANCHOR NOTES, SHEET 1.
- SEE SHEETS 11-16 FOR ANCHOR LOCATION & SPACING

DLO WIDTH = NOM. PANEL WIDTH - 7-3/8"
DLO HEIGHT = DOOR HEIGHT - 11-1/16"
PANEL HEIGHT = DOOR HEIGHT - 2-1/2"

PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. 23-0710.10
Expiration Date: 04/14/2026
By: *Manuel Perez*
Miami-Dade Product Control

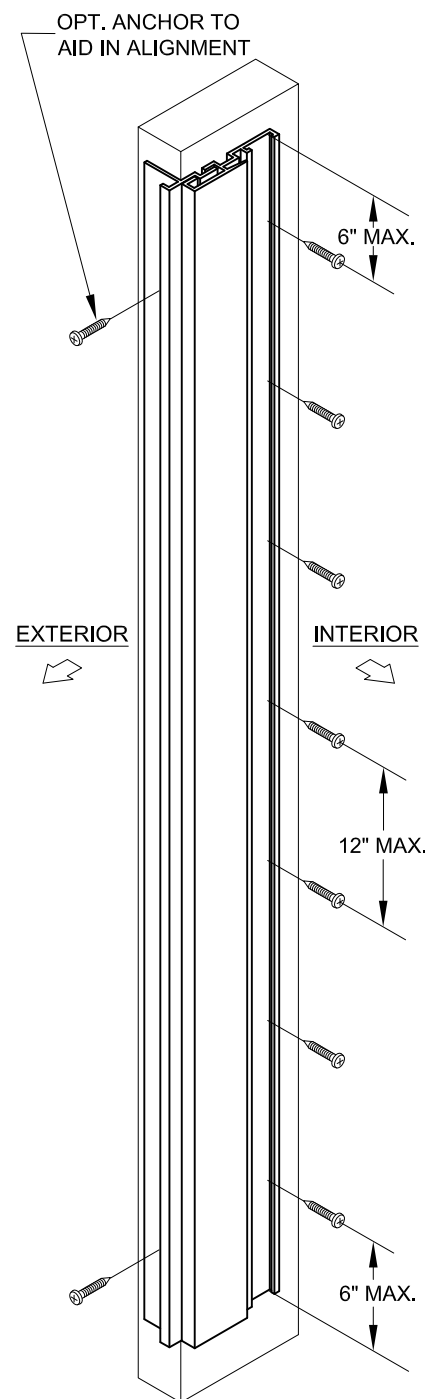
UPDATED TO 2023 BUILDING CODE.
JR - 06/06/23

<p>Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600</p>	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	10/05/15	VINYL SLIDING GLASS DOOR (LM) DP & ANCHOR QUANTITY TABLE SGD-5570	JENS ROSOWSKI MD-5570.0	
			Date			F Rev.
			By			
			No.			
			8 OF 21			

ANTHONY LYNN MILLER
LICENSE
No. 58705
06/09/23
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

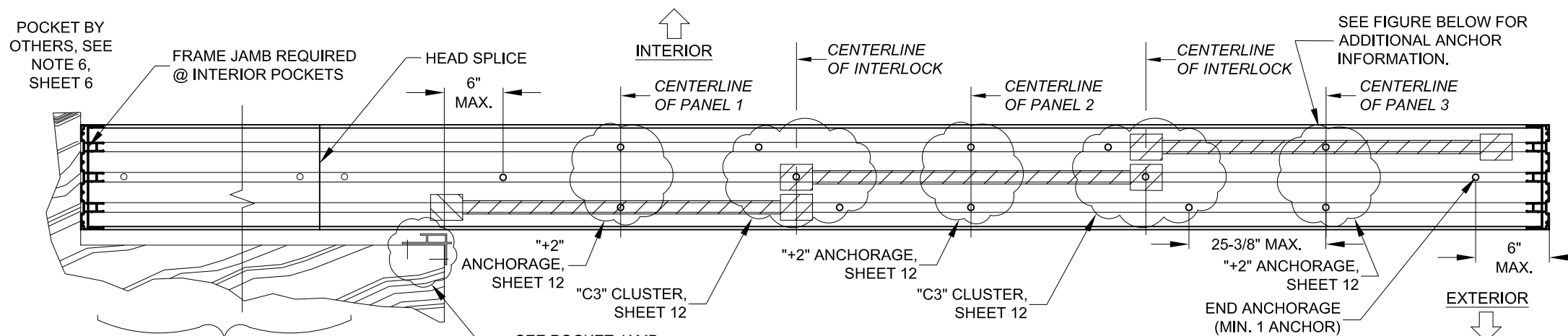
EXAMPLE:

3-PANEL, 3 TRACK, STRAIGHT CONFIGURATION - PXXX, INTERIOR MOUNT POCKET, 48" X 84" NOM. PANELS, LAMINATED, IG GLAZING, ANCHOR GROUP A IN WOOD SUBSTRATE, PROJECT DESIGN PRESSURE REQUIRED: +48.2/-58.6 PSF

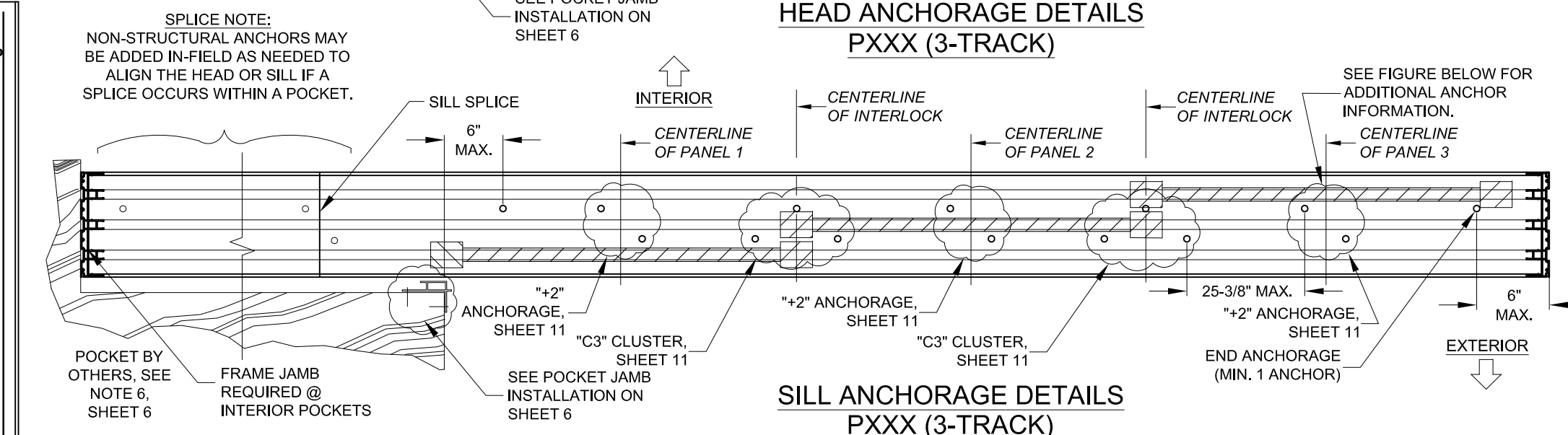


P-HOOK ANCHORAGE DETAILS

JAMB ANCHORAGE DETAILS



HEAD ANCHORAGE DETAILS PXXX (3-TRACK)



SILL ANCHORAGE DETAILS PXXX (3-TRACK)

SPLICE NOTE:
NON-STRUCTURAL ANCHORS MAY BE ADDED IN-FIELD AS NEEDED TO ALIGN THE HEAD OR SILL IF A SPLICE OCCURS WITHIN A POCKET.

1) KNOWING THE PRODUCT'S REQUIREMENTS, SCAN THROUGH TABLES 1 & 2 FOR A DESIGN PRESSURE THAT MEETS OR EXCEEDS THE REQUIREMENT OF +48.2/-58.6 AT A NOM. PANEL SIZE OF 48" X 84". FROM TABLE 1, SHEET 7, THE DESIGN PRESSURE IS +60/-60 WHICH EXCEEDS THE PROJECT DESIGN PRESSURE REQUIREMENTS.

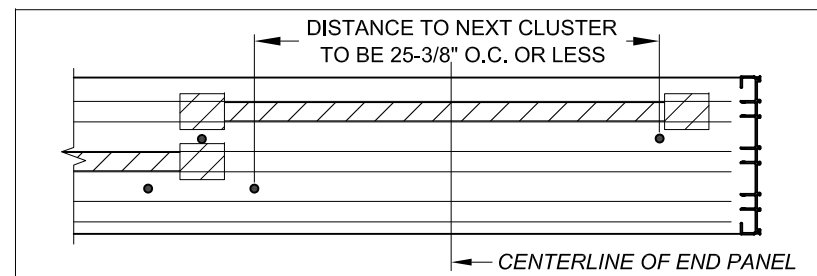
FOR WOOD INSTALLATION USING ANY ANCHOR IN GROUP A (SEE TABLE A), TABLE 1 SHOWS ANCHOR REQUIREMENTS OF:

Head/Sill	C3+2
Jamb	5
P-hook	7

- 2) ANCHOR LOCATION DETAILS, CAN BE FOUND ON:
HEAD (CLUSTER ANCHORS): SHEET 12 FOR THE "C3" CLUSTER ANCHORS AT THE INTERLOCK/ASTRAGAL.
HEAD (INTERMEDIATE ANCHORS): SHEET 12 FOR THE "+2 ANCHORS AT THE MIDSPAN OF EACH PANEL.
SILL (CLUSTER ANCHORS): SHEET 11 FOR THE "C3" CLUSTER ANCHORS AT THE INTERLOCK/ASTRAGAL.
SILL (INTERMEDIATE ANCHORS): SHEET 11 FOR THE "+2 ANCHORS AT THE MIDSPAN OF EACH PANEL.
JAMB: 5 ANCHORS, SHEET 13 FOR GEN. LAYOUT.
P-HOOK: 7 ANCHORS, SHEET 13 FOR GENERAL LAYOUT.

- 3) INSTALLATION DETAILS INTO WOOD CAN BE FOUND ON:
HEAD & SILL: SHEET 4
JAMB: SHEET 3
P-HOOK: SHEET 6

END PANEL ANCHOR EXCEPTION:




FOR SILL (SHOWN) AND HEAD, ANCHORS AT THE MIDPOINT OF END PANELS ARE ONLY REQUIRED IF THE O.C. DISTANCE TO THE NEXT ANCHOR CLUSTER IS OVER 25-3/8", OTHERWISE ANCHORS ARE NOT REQUIRED AS PER THE FIGURE ABOVE:

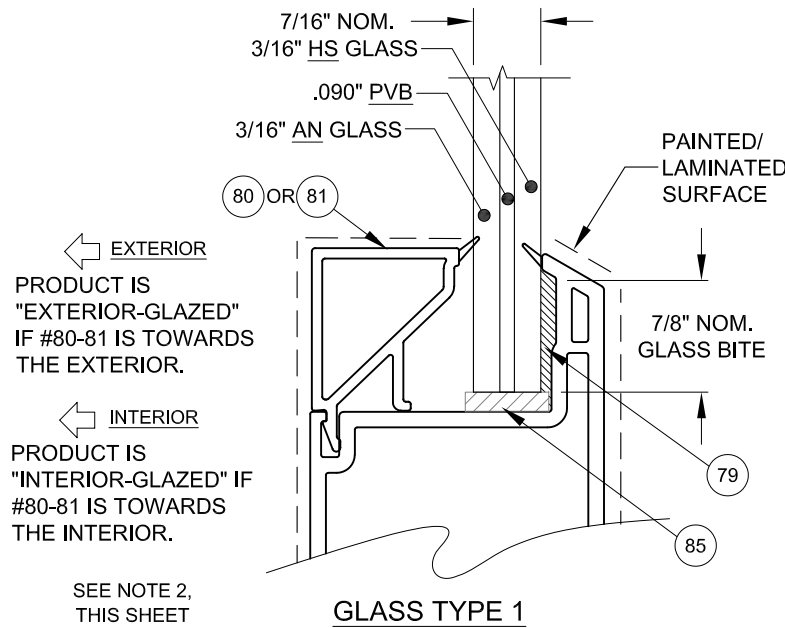
- FOR PRODUCT REFERENCES, ALSO SEE:
 A) SHEET 2 FOR ALLOWABLE CONFIGURATIONS AND EXACT LOCATIONS OF CROSS-SECTION DRAWINGS.
 B) SHEET 10 FOR SPECIFIC GLAZING TYPES.
 C) SHEET 17 FOR ALLOWABLE PANEL TYPES AND CALL NAMES.
 D) SHEETS 4 & 18 FOR EXTRUSION CROSS-SECTION DRAWINGS.
 E) SHEET 19 FOR INSTALLATION OF ADDITIONAL ACCESSORIES.
 F) SHEET 21 FOR A BILL OF MATERIALS.

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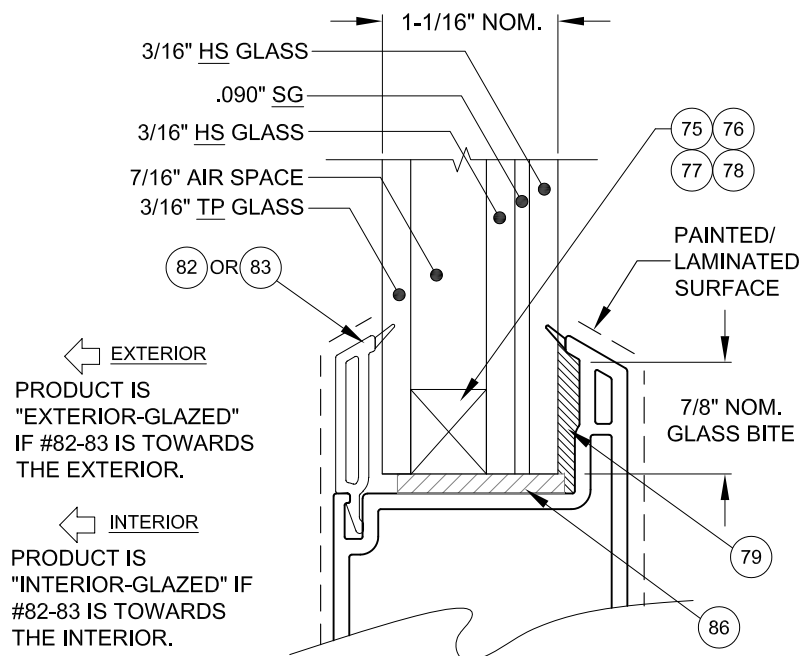
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	10/05/15
		Drawn By	JENS ROSOWSKI
 Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	VINYL SLIDING GLASS DOOR (LM)	No.	9 OF 21
		Series	SGD-5570

ANTHONY LYNN MILLER
 LICENSE
 No. 58705
 06/09/23
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 A. LYNN MILLER, P.E.
 P.E.# 58705



GLASS TYPE 1

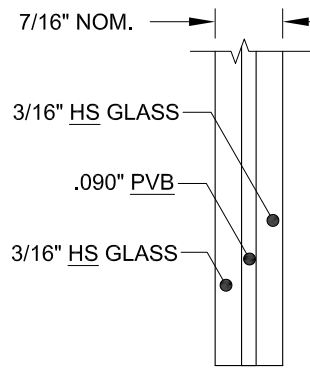
SEE NOTE 2, THIS SHEET



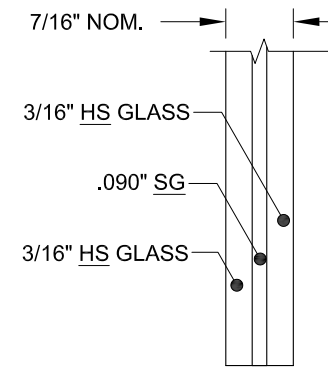
GLASS TYPE 4

SEE NOTE 2, THIS SHEET

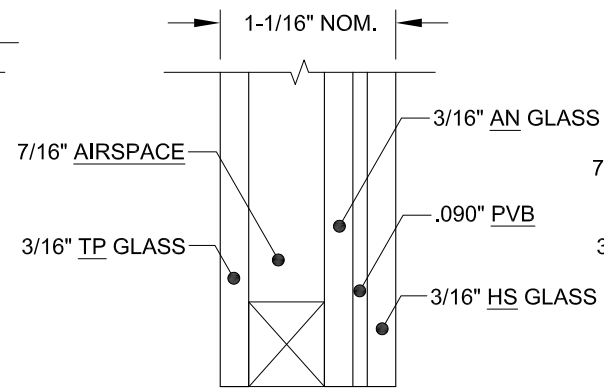
"AN" = ANNEALED
 "HS" = HEAT STRENGTHENED
 "TP" = TEMPERED
 "PVB" = TROSIFOL® PVB INTERLAYER BY KURARAY AMERICA, INC.
 "SG" = SENTRYGLAS® INTERLAYER BY KURARAY AMERICA, INC.
 "PVB PLUS" = MODIFIED TROSIFOL® PVB INTERLAYER BY KURARAY AMERICA, INC.



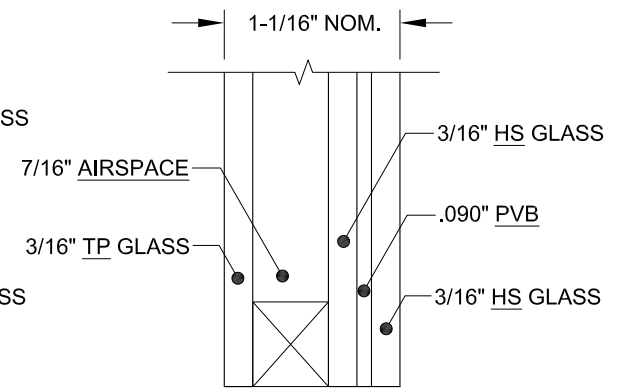
GLASS TYPE 1A



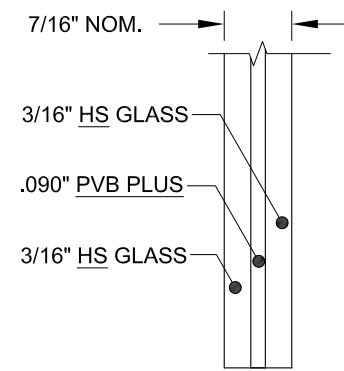
GLASS TYPE 2



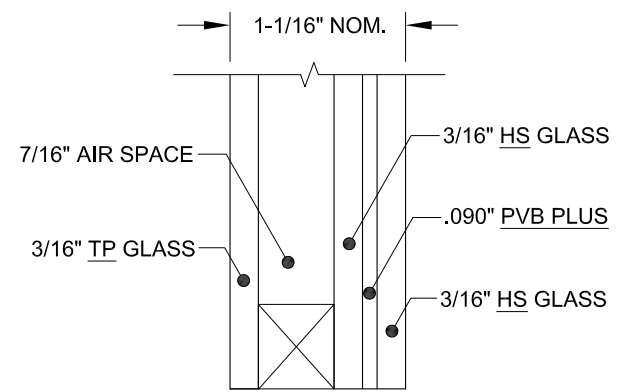
GLASS TYPE 3



GLASS TYPE 3A



GLASS TYPE 5



GLASS TYPE 6

NOTES:
 1) BACKBEDDING SURFACES SHALL NOT BE PAINTED OR LAMINATED.
 2) PRODUCT MAY BE EITHER INTERIOR OR EXTERIOR GLAZED, PROVIDED THAT THE "HS" SURFACE OF A LAMINATED GLAZING UNIT IS ADHERED TO THE GLAZING LEG.

TABLE B:

Glass Type	Description (Listed from Exterior to Interior)
1	7/16" Lami.: 3/16" AN - .090" PVB - 3/16" HS (Externally-glazed)
1	7/16" Lami.: 3/16" HS - .090" PVB - 3/16" AN (Internally-glazed)
1A	7/16" Lami.: 3/16" HS - .090" PVB - 3/16" HS
2	7/16" Lami.: 3/16" HS - .090" SG - 3/16" HS
3	1-1/16" Lami. I.G.: 3/16" TP - AIR - 3/16" AN - .090" PVB - 3/16" HS (Externally-glazed)
3	1-1/16" Lami. I.G.: 3/16" TP - AIR - 3/16" HS - .090" PVB - 3/16" AN (Internally-glazed)
3A	1-1/16" Lami. I.G.: 3/16" TP - AIR - 3/16" HS - .090" PVB - 3/16" HS
4	1-1/16" Lami. I.G.: 3/16" TP - AIR - 3/16" HS - .090" SG - 3/16" HS
5	9/16" Lami.: 3/16" HS - .090" PVB PLUS - 3/16" HS
6	1-1/16" Lami. I.G.: 3/16" TP - AIR - 3/16" HS - .090" PVB PLUS - 3/16" HS

PRODUCT REVISED
 As complying with the Florida Building Code
 NOA-No. 23-0710.10
 Expiration Date: 04/14/2026
 By: Manuel Ferrer
 Miami-Dade Product Control

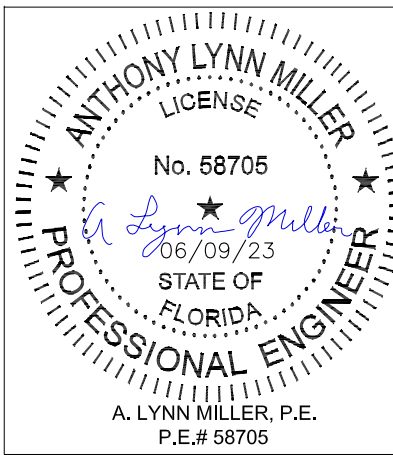
UPDATED TO 2023 BUILDING CODE.
 JR - 06/06/23

PREPARED BY A. LYNN MILLER
 1070 TECHNOLOGY DRIVE
 N. VENICE, FL 34275
 (941) 480-1600
 REGISTRATION #29296

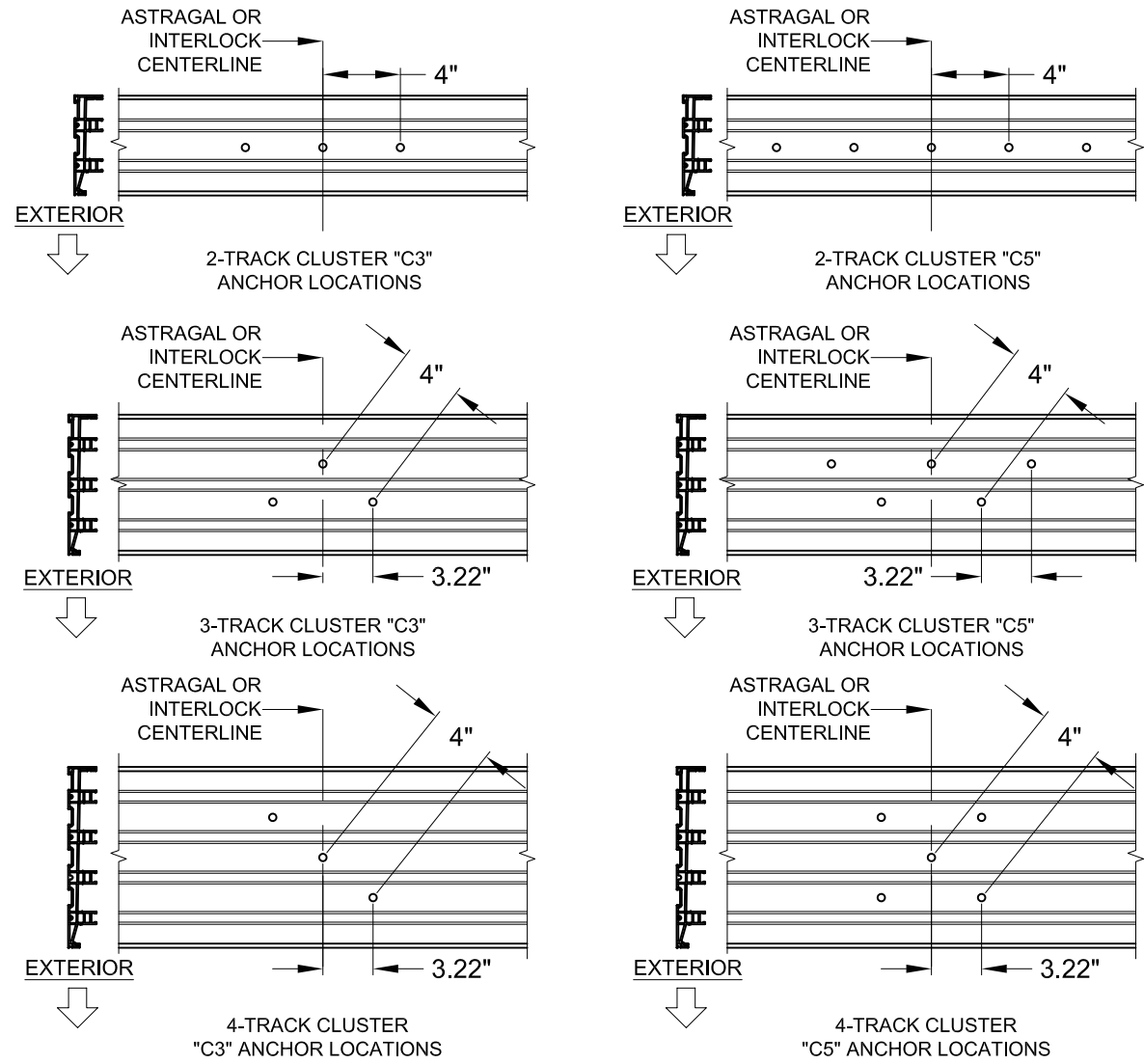
DATE: 10/05/15
 DRAWN BY: JENS ROSOWSKI
 NO. 10 OF 21
 SHEET: SGD-5570
 REV. F MD-5570.0

PGT Custom Windows and Doors
 1070 TECHNOLOGY DRIVE
 N. VENICE, FL 34275
 (941) 480-1600

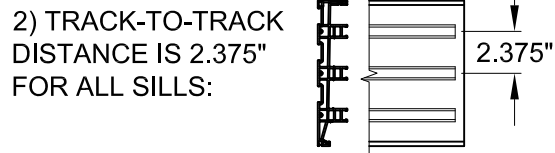
VINYL SLIDING GLASS DOOR (LM)
 GLAZING DETAILS



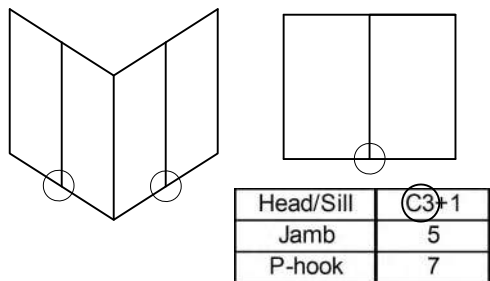
SILL CLUSTER ANCHORS LAYOUT:



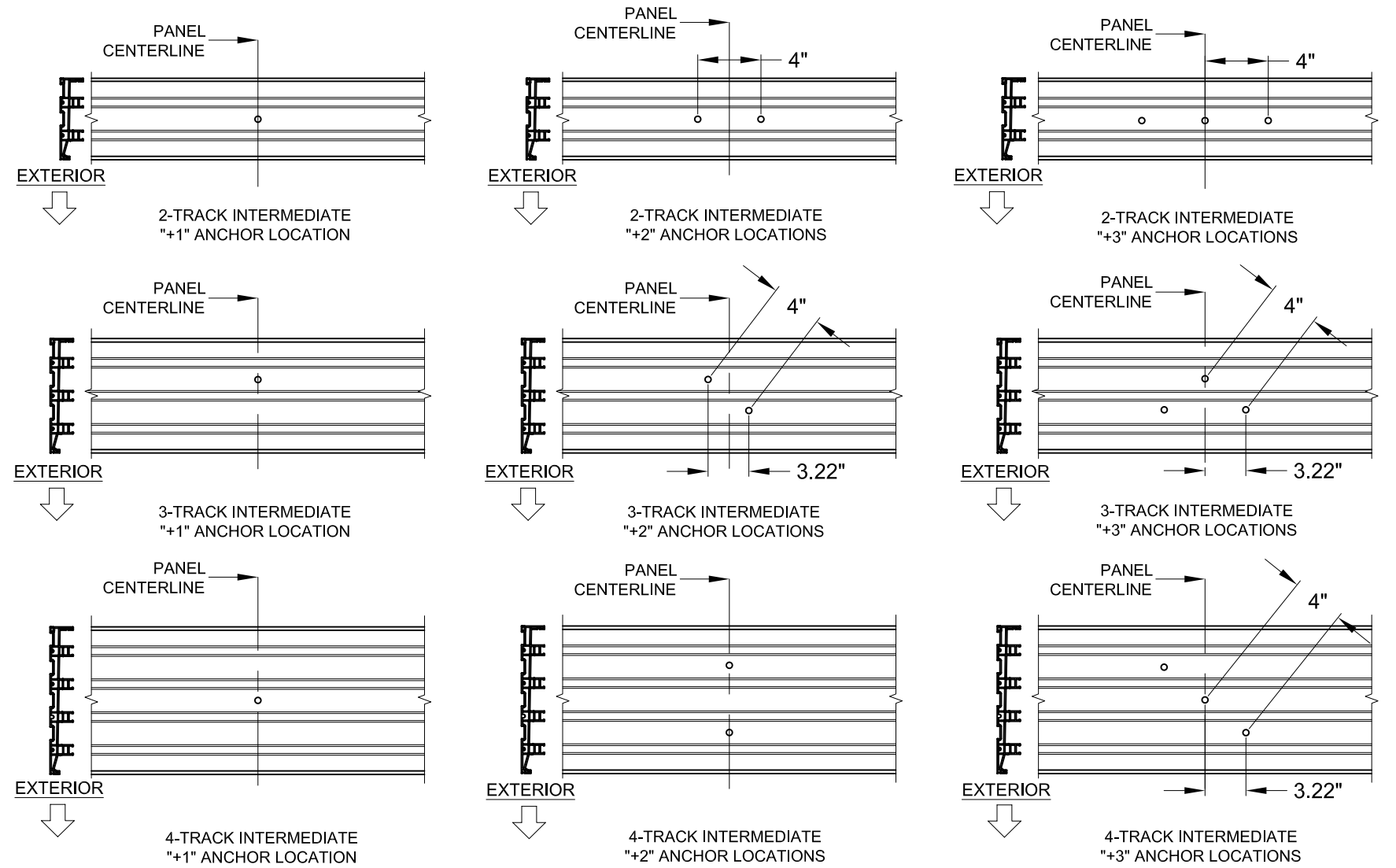
NOTES:
1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.



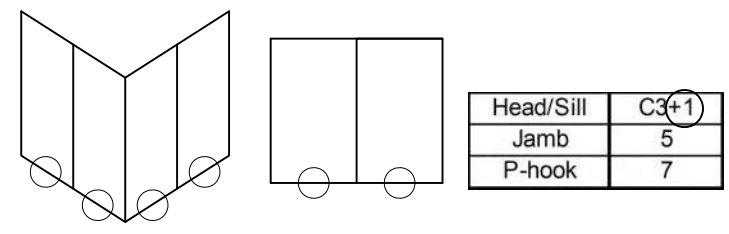
FIGURES PERTAIN TO THE FOLLOWING SILL CLUSTER ANCHOR LOCATIONS:



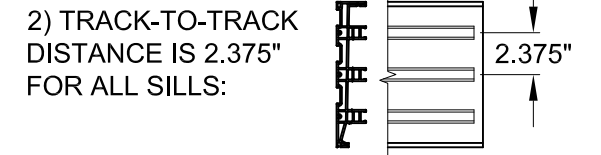
SILL "+" INTERMEDIATE ANCHORS LAYOUT:



FIGURES PERTAIN TO THE FOLLOWING SILL INTERMEDIATE ANCHOR LOCATIONS:



NOTES:
1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.

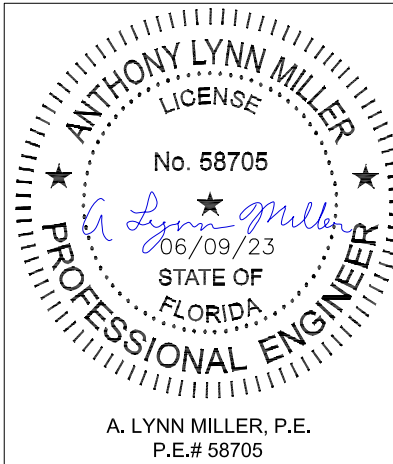


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As complying with the Florida Building Code
NOA-No. 23-0710.10
Expiration Date: 04/14/2026
By: *Manuel Perez*
Miami-Dade Product Control

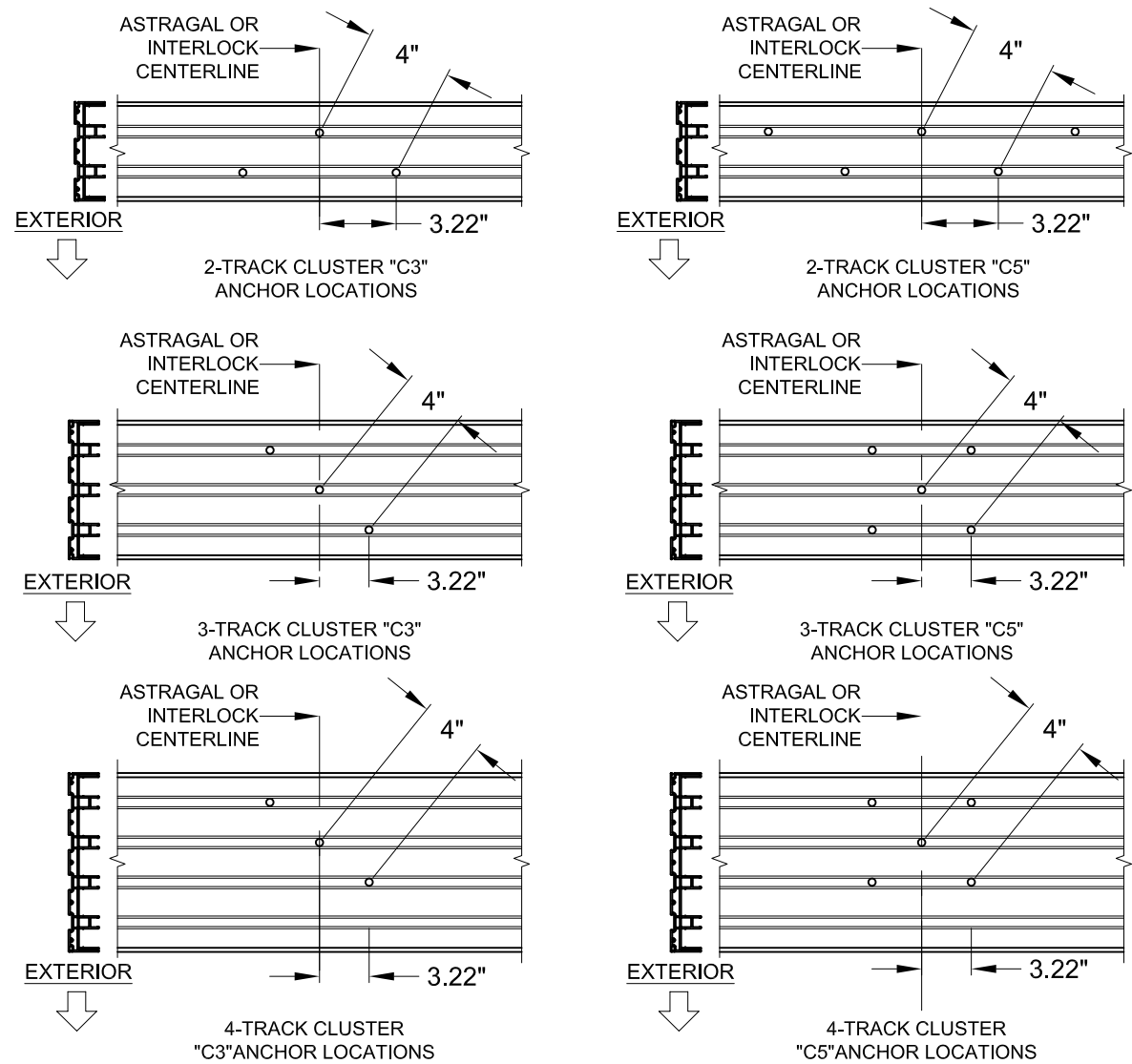
PGT
Custom Windows and Doors
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PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

Series	SGD-5570	Sheet	11 OF 21	DWG No.	MD-5570.0	Rev.	F
Title	VINYL SLIDING GLASS DOOR (LM)		Date	10/05/15			
Desc.	ANCHOR LAYOUTS		Drawn By	JENS ROSOWSKI			
Rev	UPDATED TO 2023 BUILDING CODE - JR		Rev Date	06/06/23			



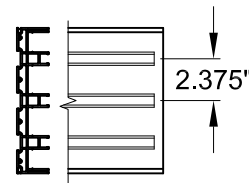
HEAD CLUSTER ANCHORS LAYOUT:



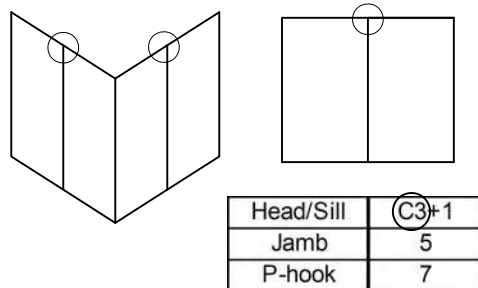
NOTES:

1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.

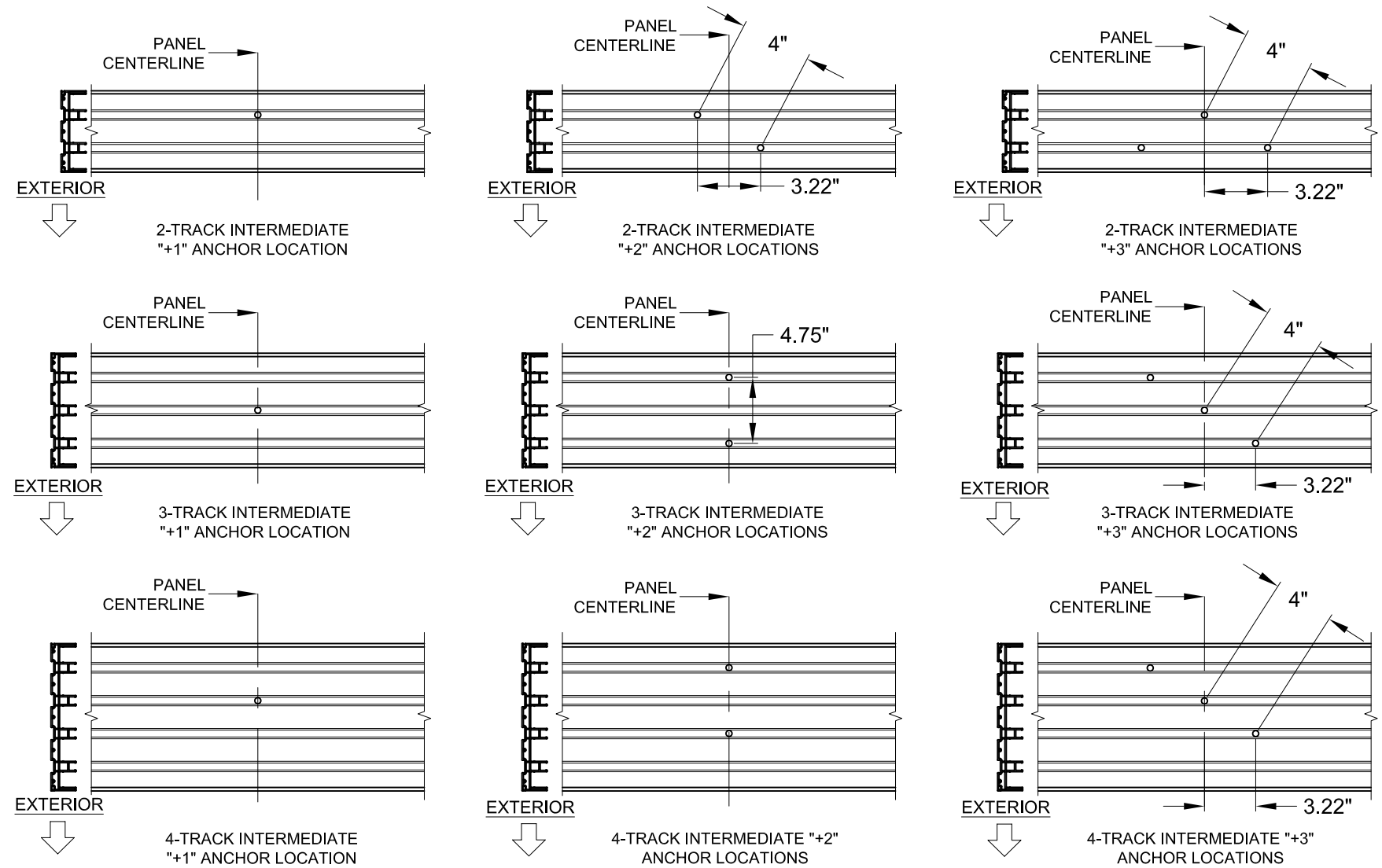
2) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS:



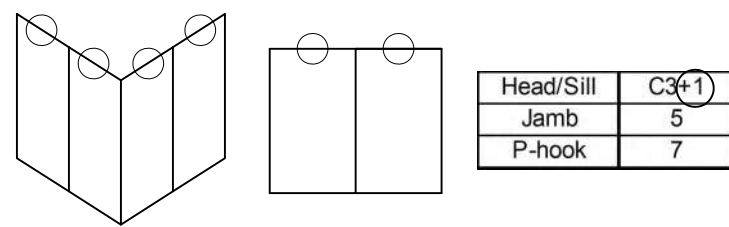
FIGURES PERTAIN TO THE FOLLOWING HEAD CLUSTER ANCHOR LOCATIONS:



HEAD "+" INTERMEDIATE ANCHORS LAYOUT:



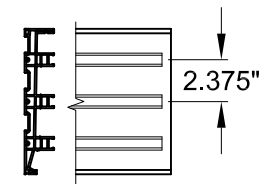
FIGURES PERTAIN TO THE FOLLOWING HEAD INTERMEDIATE ANCHOR LOCATIONS:



NOTES:

1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.

2) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL SILLS:

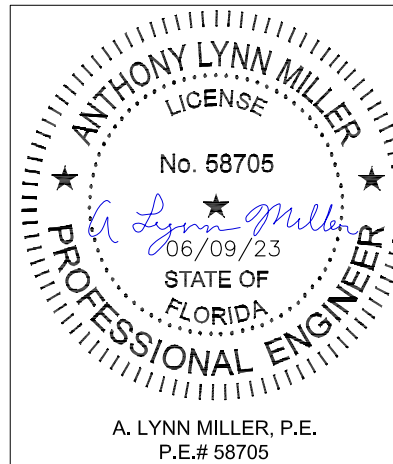


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NOA-No. 23-0710.10
Expiration Date: 04/14/2026
By: Manuel Perez
Miami-Dade Product Control

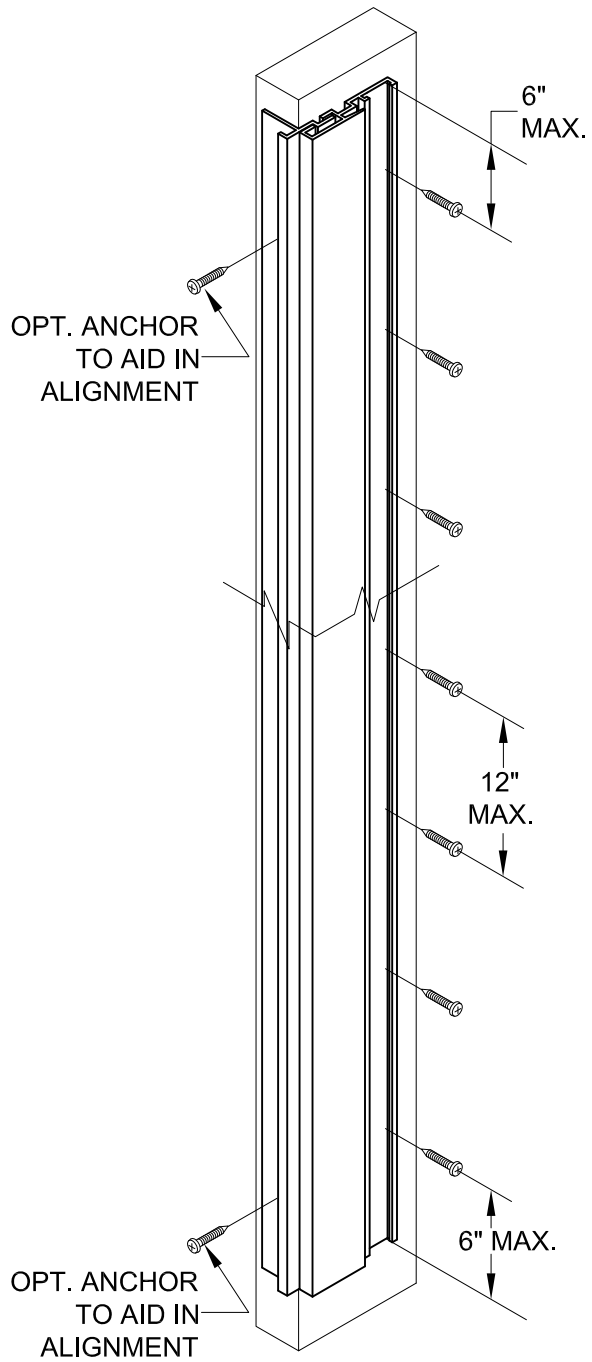
PGT
Custom Windows and Doors
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

Series	SGD-5570	Sheet	12 OF 21	DWG No.	MD-5570.0	Rev.	F
Title	VINYL SLIDING GLASS DOOR (LM)		Date	10/05/15			
Desc.	ANCHOR LAYOUTS		Drawn By	JENS ROSOWSKI			
Rev	UPDATED TO 2023 BUILDING CODE - JR		Rev Date	06/06/23			

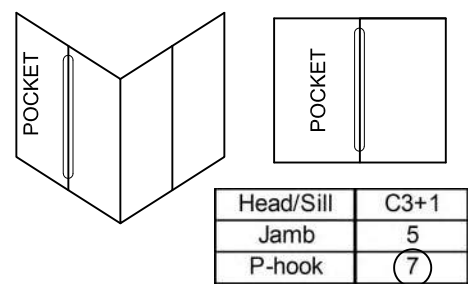


P-HOOK ANCHORS LAYOUT:

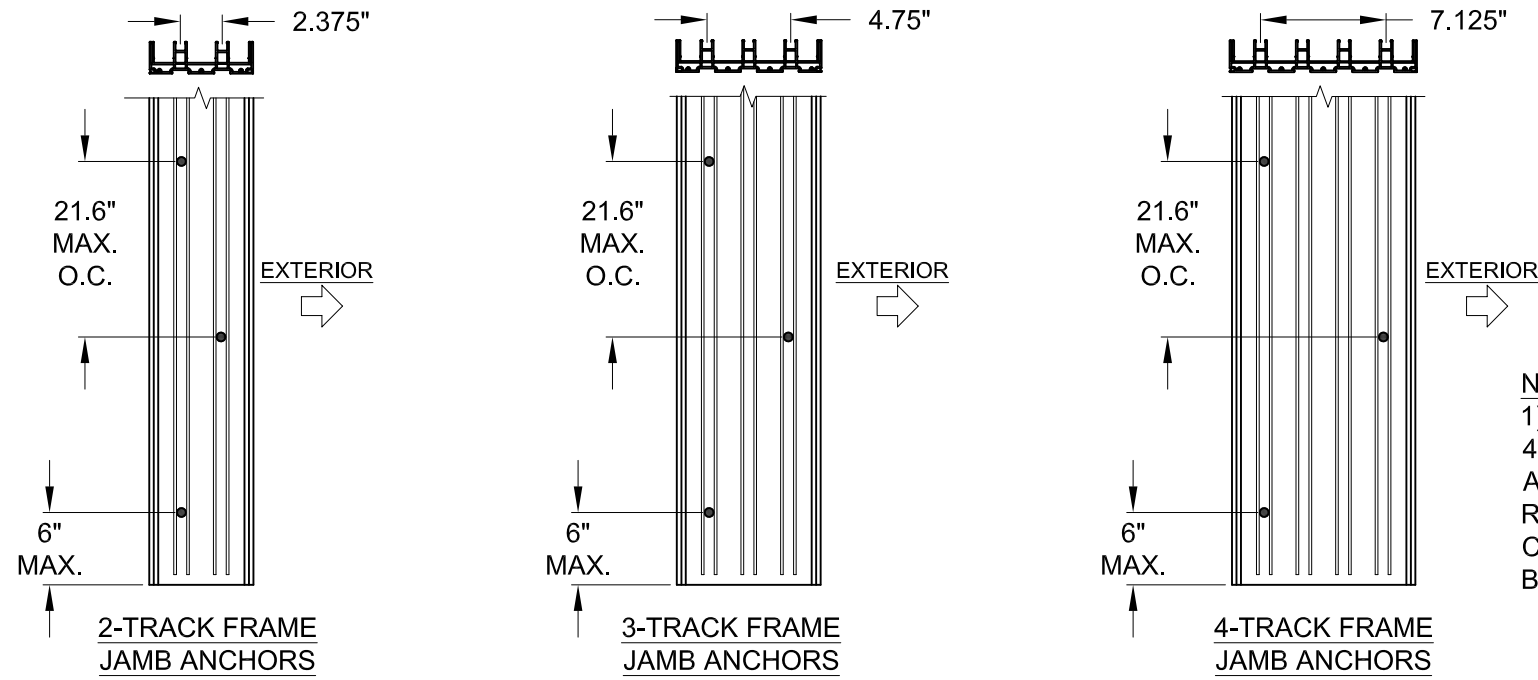


NOTES:
 1) SEE TABLES 1 & 2 FOR EXACT QUANTITY OF ANCHORS REQUIRED IN THE P-HOOK.

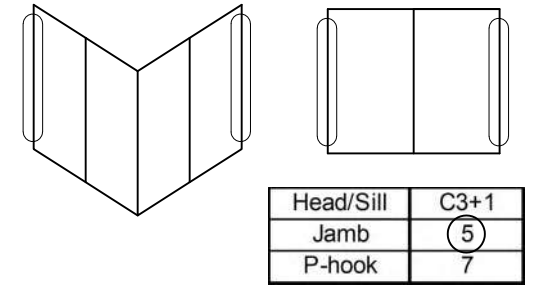
FIGURES PERTAIN TO THE FOLLOWING POCKET JAMB (P-HOOK) ANCHOR LOCATIONS:



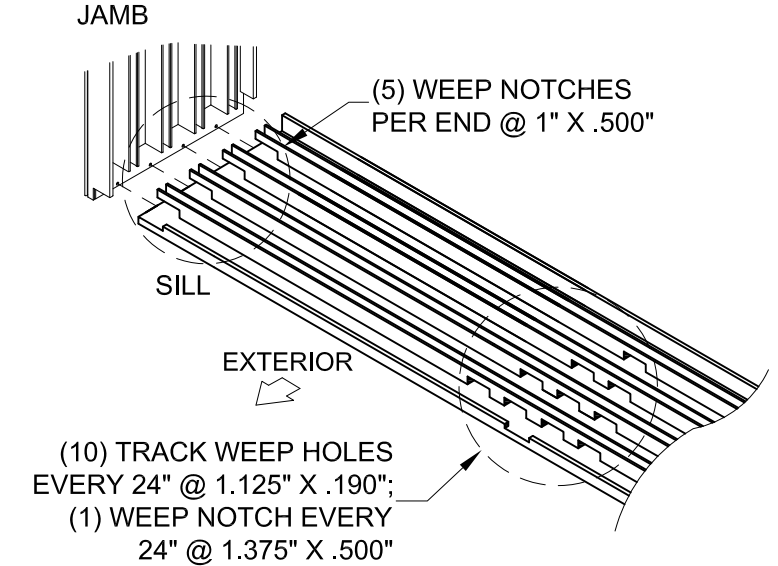
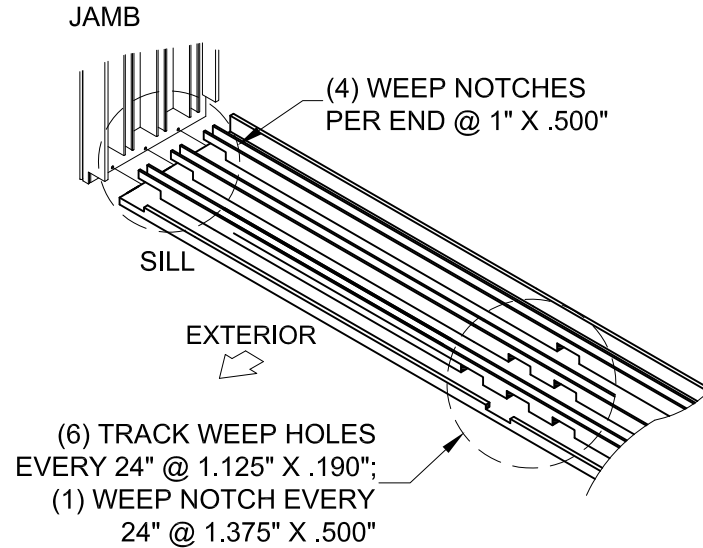
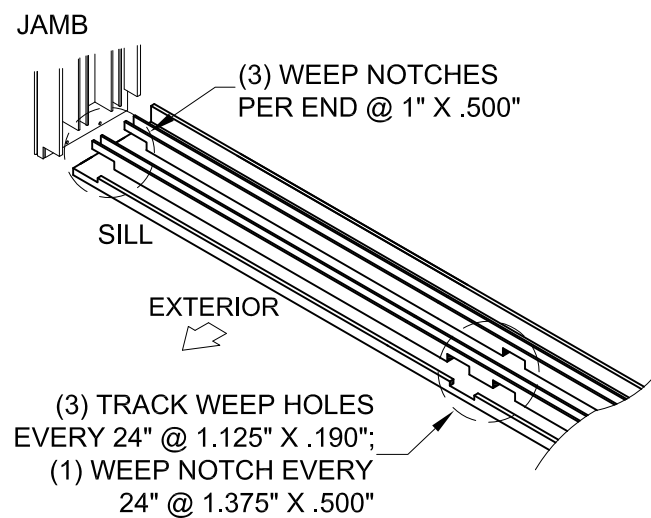
JAMB ANCHORS LAYOUT, (PARTIAL VIEW):



FIGURES PERTAIN TO THE FOLLOWING JAMB ANCHOR LOCATIONS:



NOTES:
 1) STANDARD ANCHOR LOCATIONS SHOWN. FOR 3 AND 4-TRACK JAMBS, ANCHORS MAY BE LOCATED IN ANY ADJACENT TRACK (SIMILAR TO THE 2-TRACK JAMB) AS REQUIRED TO MEET MIN. EDGE DISTANCE CONSTRAINTS. IN CASE OF AN ODD NUMBER OF ANCHORS, THE MAJORITY MAY BE TOWARD THE INTERIOR OR EXTERIOR.



SILL WEEPHOLE LAYOUT (2, 3 & 4 TRACKS)

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 NOA-No. 23-0710.10
 Expiration Date: 04/14/2026
 By: Manuel Perez
 Miami-Dade Product Control

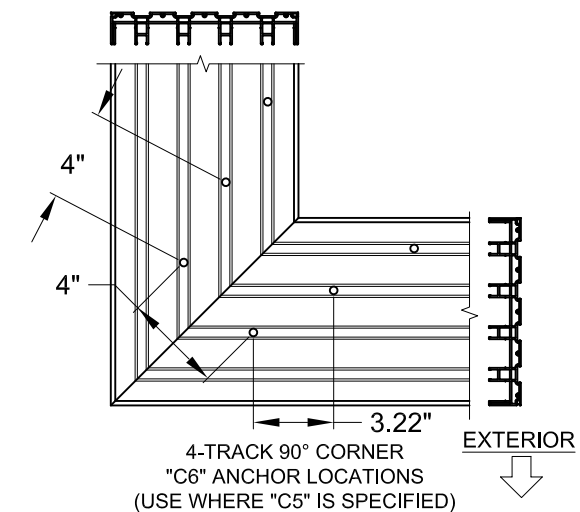
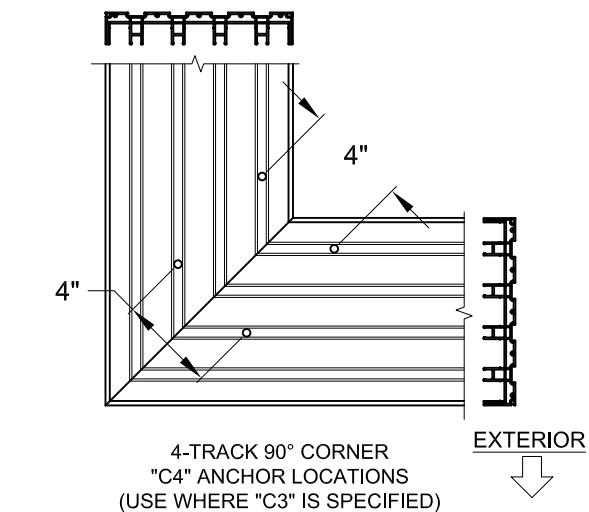
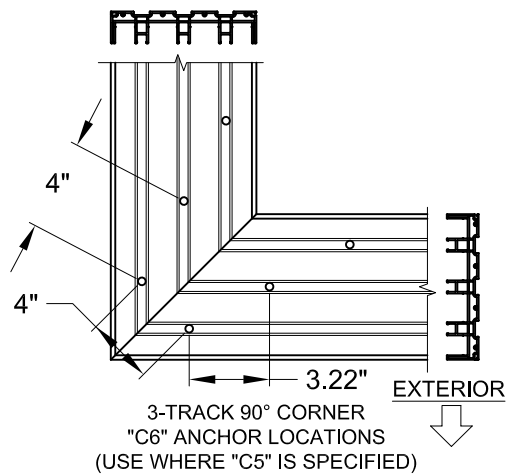
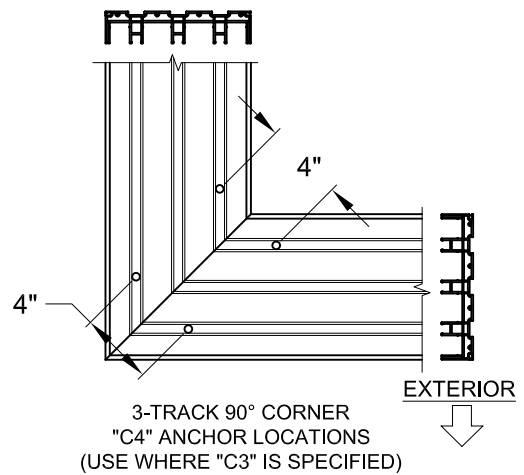
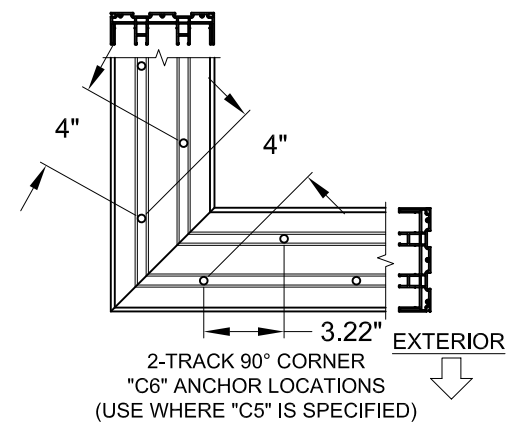
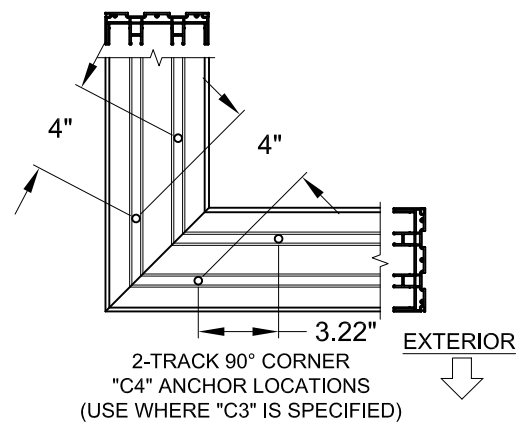
PGT
 Custom Windows and Doors
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 N. VENICE, FL 34275
 (941) 480-1600

PREPARED BY A. LYNN MILLER
 1070 TECHNOLOGY DRIVE
 N. VENICE, FL 34275
 (941) 480-1600
 REGISTRATION #29296

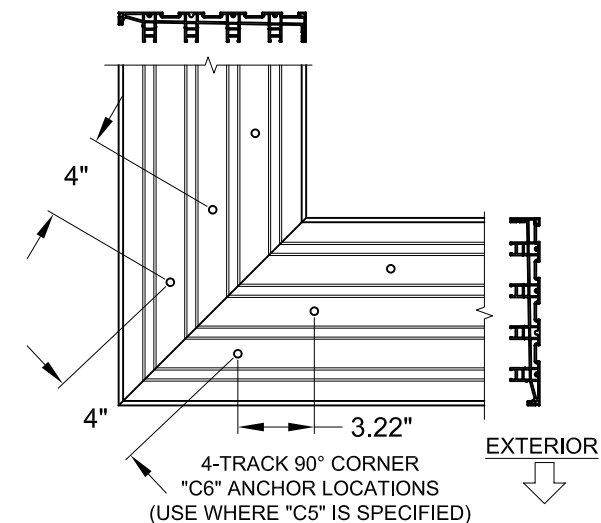
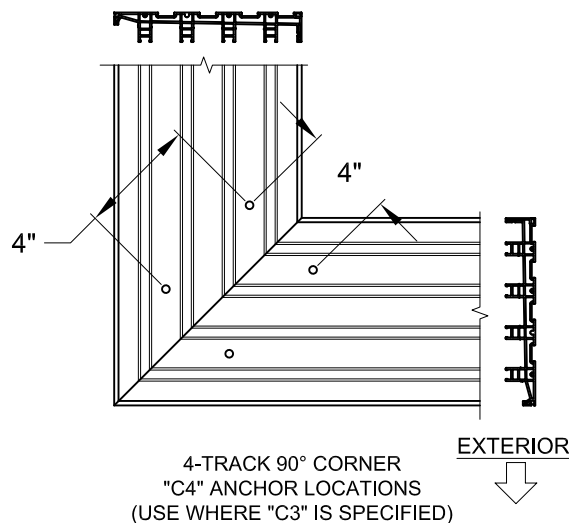
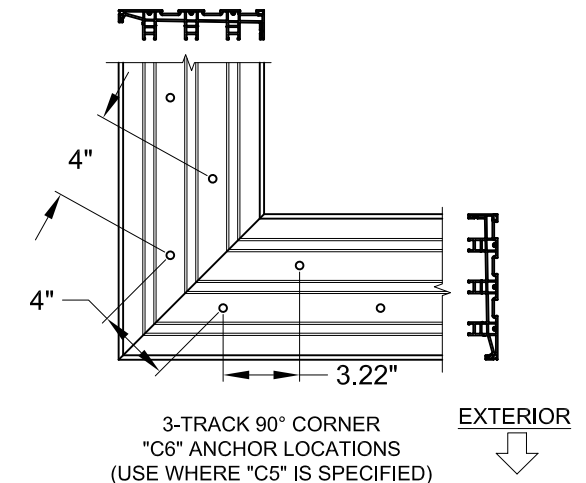
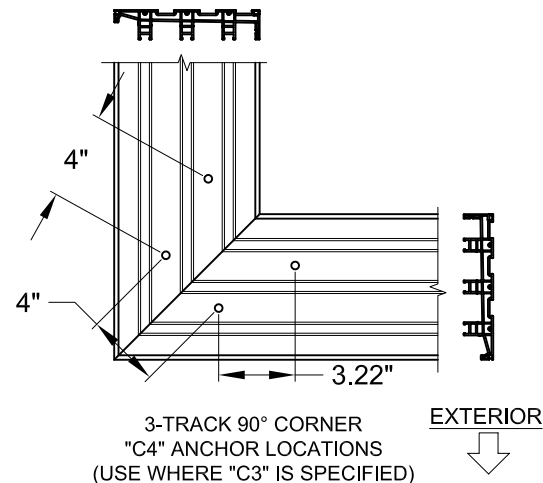
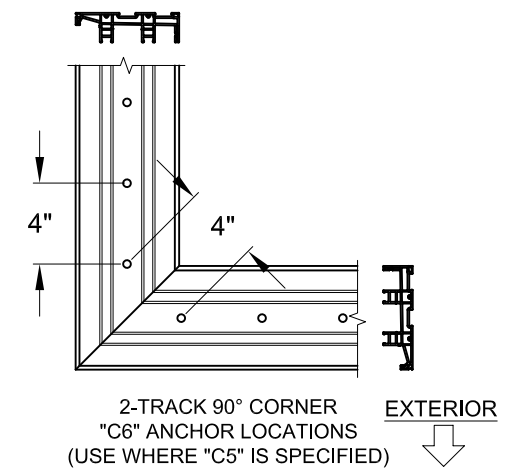
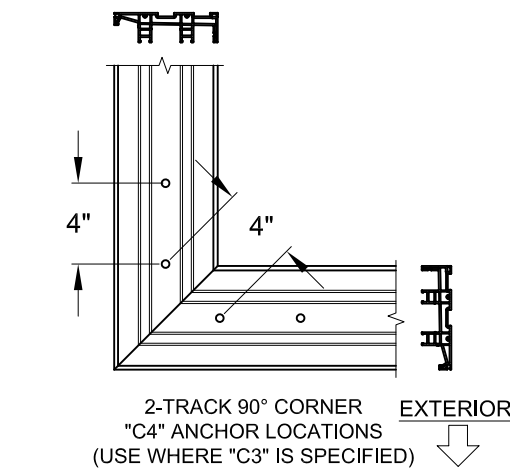
Title	VINYL SLIDING GLASS DOOR (LM)	Date	10/05/15
Desc.	ANCHOR LAYOUTS	Drawn By	JENS ROSOWSKI
Rev	UPDATED TO 2023 BUILDING CODE - JR	Rev Date	06/06/23
Series	SGD-5570	Sheet	13 OF 21
DWG No.	MD-5570.0	Rev.	F

ANTHONY LYNN MILLER
 LICENSE
 No. 58705
 06/09/23
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 A. LYNN MILLER, P.E.
 P.E.# 58705

HEAD 90° CORNER CLUSTER ANCHORS LAYOUT:

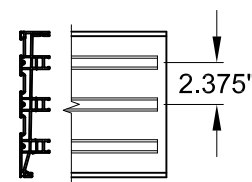
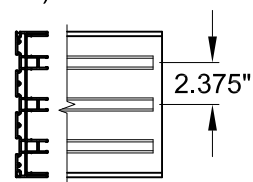


SILL 90° CORNER CLUSTER ANCHORS LAYOUT:

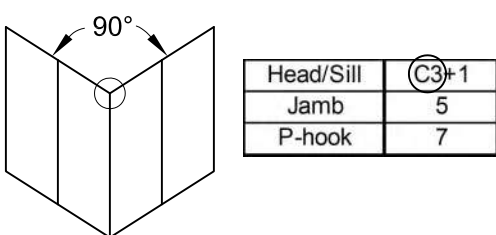


NOTES:

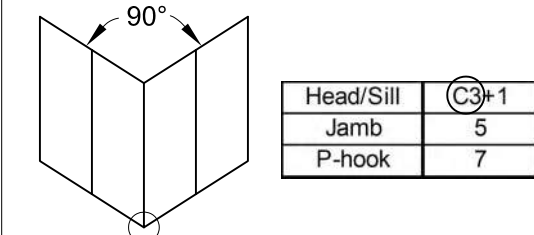
- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
- 2) DETAILS DEPICT ANCHOR QUANTITY AND SPACING, AND WOULD BE SIMILAR FOR OUTSIDE (SHOWN) AND INSIDE CORNER CONFIGURATIONS.
- 3) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS AND SILLS:



FIGURES PERTAIN TO THE FOLLOWING 90° CORNER HEAD ANCHOR LOCATIONS:




FIGURES PERTAIN TO THE FOLLOWING 90° CORNER SILL ANCHOR LOCATIONS:



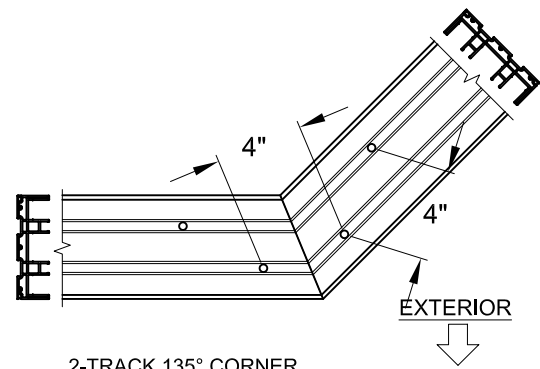
PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. 23-0710.10
Expiration Date: 04/14/2026
By: *Manuel Perez*
Miami-Dade Product Control

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JR - 06/06/23

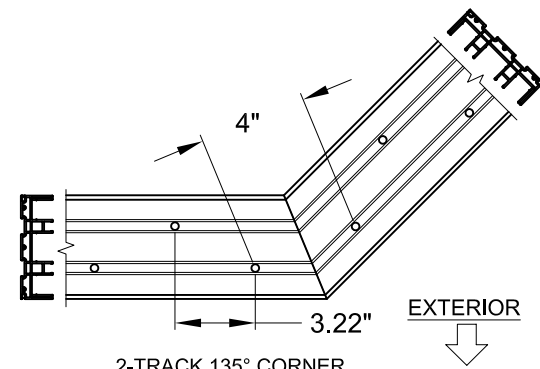
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	10/05/15
		By	JENS ROSOWSKI
 Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	VINYL SLIDING GLASS DOOR (LM)	No.	MD-5570.0
		Sheet	14 OF 21
ANCHOR LAYOUTS		Series	SGD-5570

ANTHONY LYNN MILLER
LICENSE
No. 58705
06/09/23
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

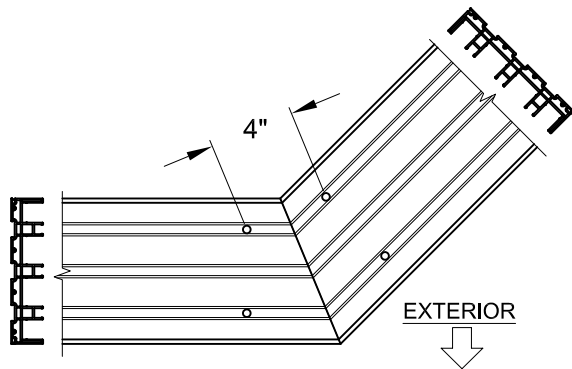
HEAD 135° CORNER CLUSTER ANCHORS LAYOUT:



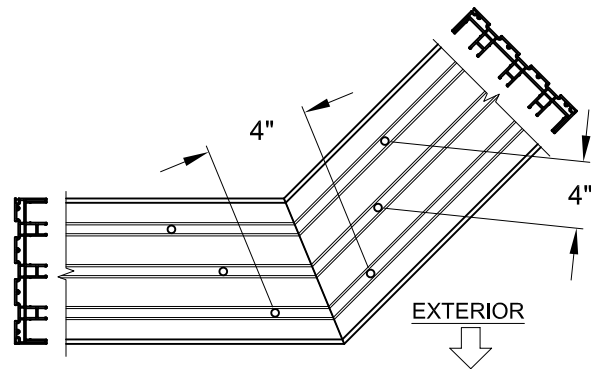
2-TRACK 135° CORNER
"C4" ANCHOR LOCATIONS
(USE WHERE "C3" IS SPECIFIED)



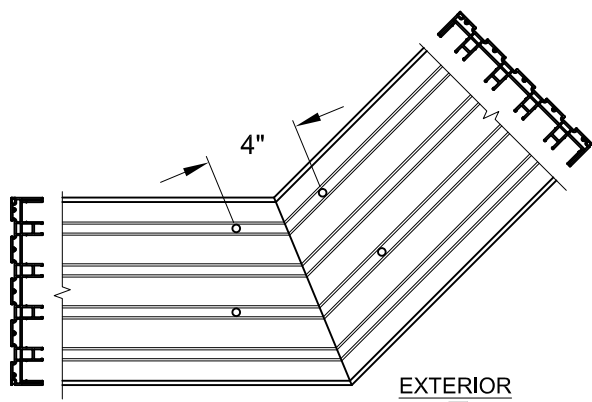
2-TRACK 135° CORNER
"C6" ANCHOR LOCATIONS
(USE WHERE "C5" IS SPECIFIED)



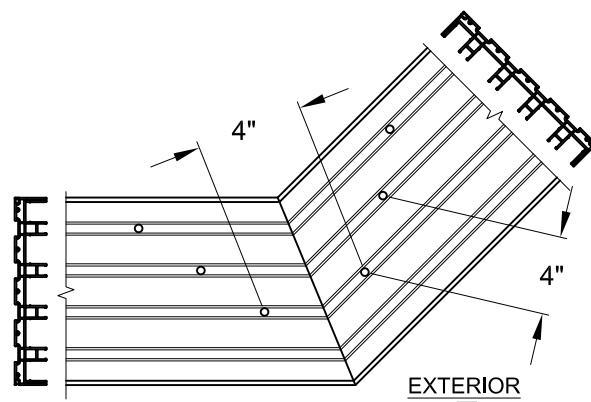
3-TRACK 135° CORNER
"C4" ANCHOR LOCATIONS
(USE WHERE "C3" IS SPECIFIED)



3-TRACK 135° CORNER
"C6" ANCHOR LOCATIONS
(USE WHERE "C5" IS SPECIFIED)

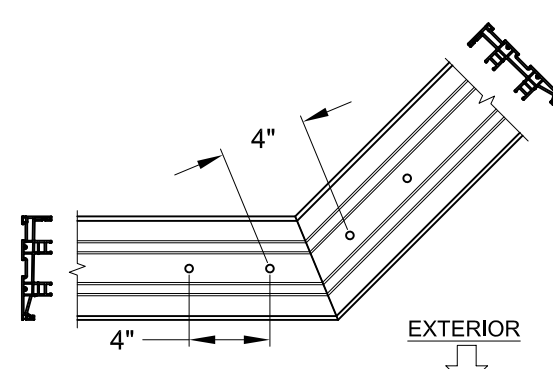


4-TRACK 135° CORNER
"C4" ANCHOR LOCATIONS
(USE WHERE "C3" IS SPECIFIED)

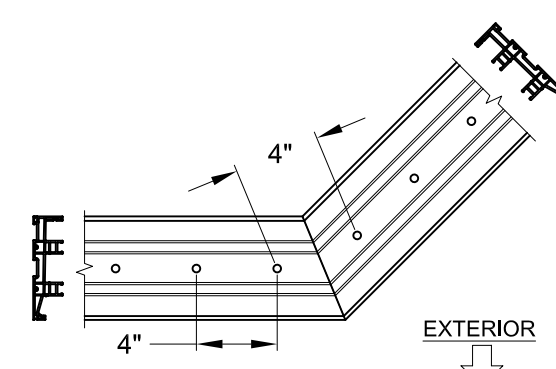


4-TRACK 135° CORNER
"C6" ANCHOR LOCATIONS
(USE WHERE "C5" IS SPECIFIED)

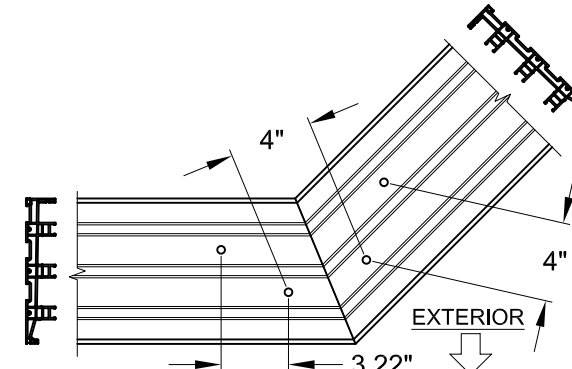
SILL 135° CORNER CLUSTER ANCHORS LAYOUT:



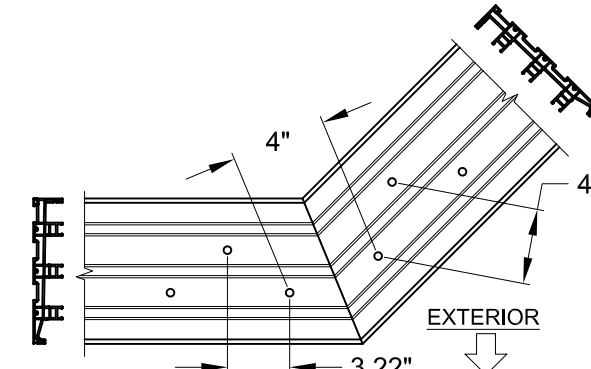
2-TRACK 135° CORNER
"C4" ANCHOR LOCATIONS
(USE WHERE "C3" IS SPECIFIED)



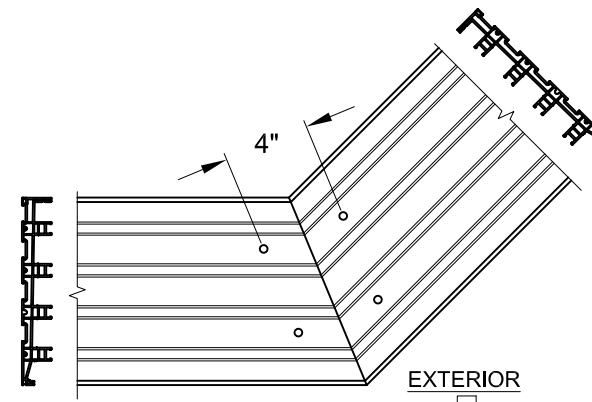
2-TRACK 135° CORNER
"C6" ANCHOR LOCATIONS
(USE WHERE "C5" IS SPECIFIED)



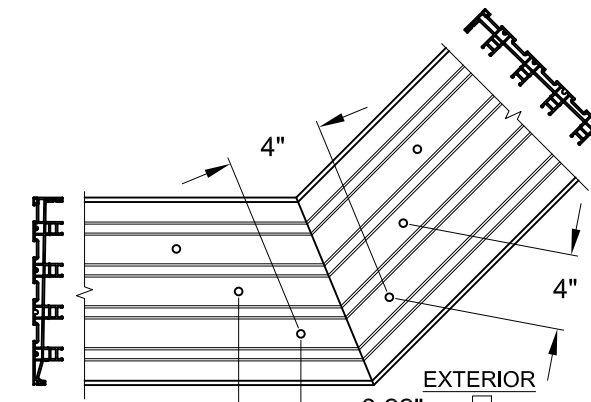
3-TRACK 135° CORNER
"C4" ANCHOR LOCATIONS
(USE WHERE "C3" IS SPECIFIED)



3-TRACK 135° CORNER
"C6" ANCHOR LOCATIONS
(USE WHERE "C5" IS SPECIFIED)

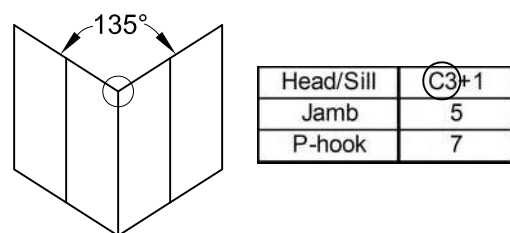


4-TRACK 135° CORNER
"C4" ANCHOR LOCATIONS
(USE WHERE "C3" IS SPECIFIED)



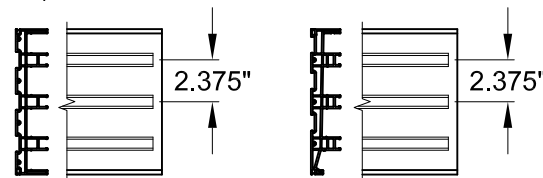
4-TRACK 135° CORNER
"C6" ANCHOR LOCATIONS
(USE WHERE "C5" IS SPECIFIED)

FIGURES PERTAIN TO THE FOLLOWING 135° CORNER HEAD ANCHOR LOCATIONS:

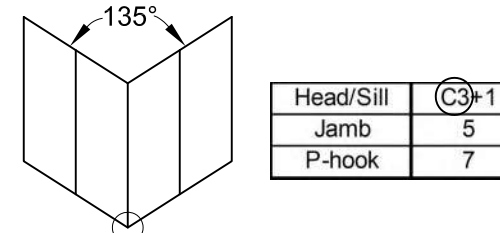


NOTES:

- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
- 2) DETAILS DEPICT ANCHOR QUANTITY AND SPACING, AND WOULD BE SIMILAR FOR OUTSIDE (SHOWN) AND INSIDE CORNER CONFIGURATIONS.
- 3) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS AND SILLS:




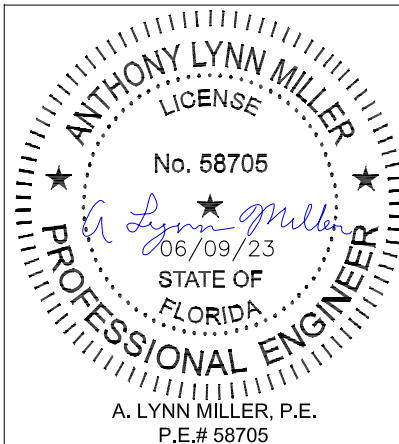
FIGURES PERTAIN TO THE FOLLOWING 135° CORNER SILL ANCHOR LOCATIONS:



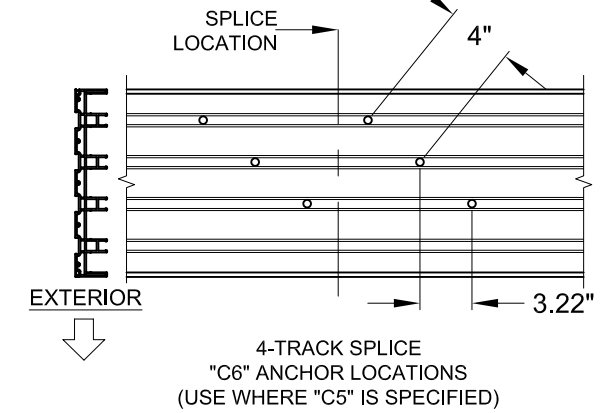
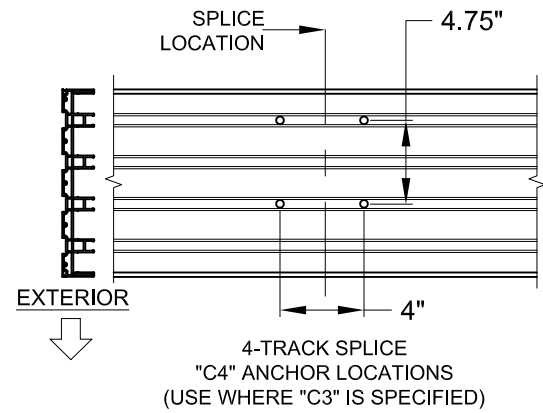
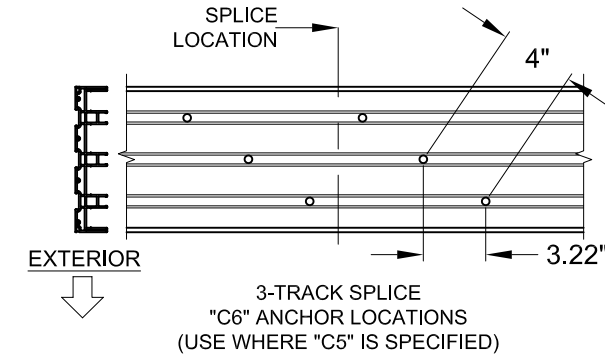
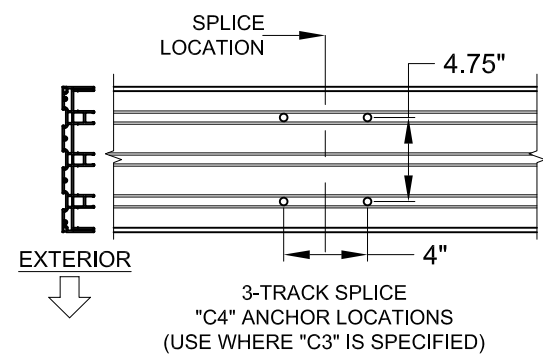
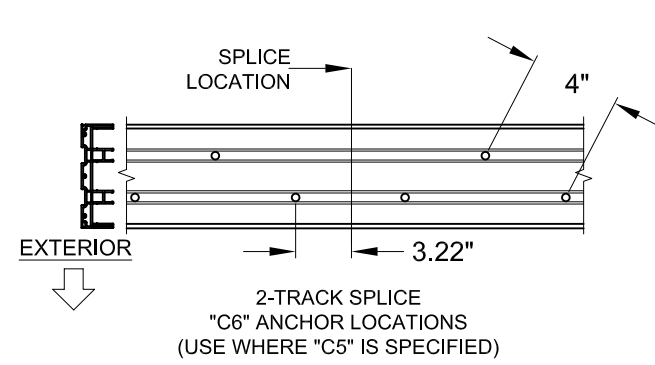
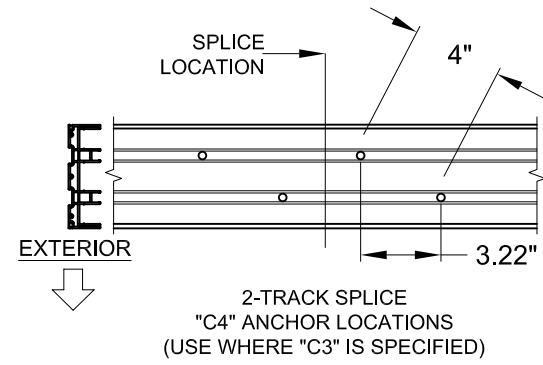
PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. 23-0710.10
Expiration Date: 04/14/2026
By: *Manuel Perez*
Miami-Dade Product Control

UPDATED TO 2023 BUILDING CODE.
JR - 06/06/23

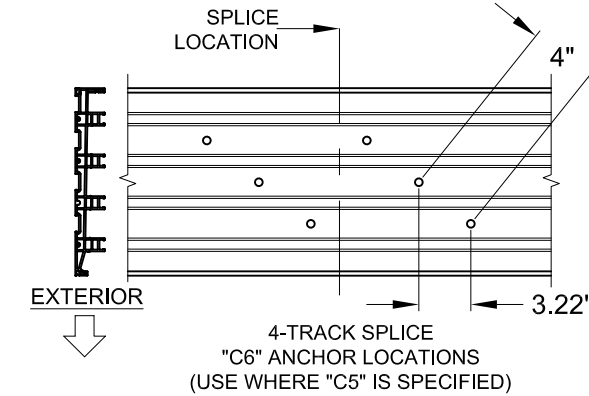
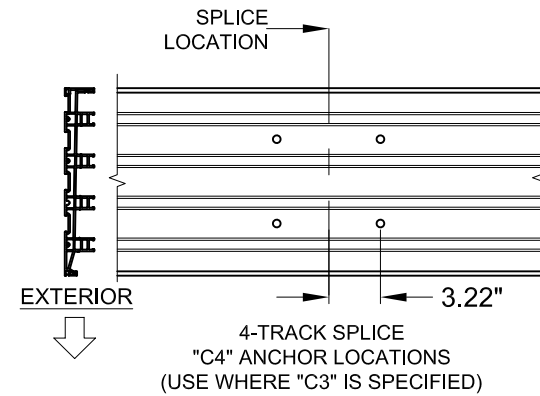
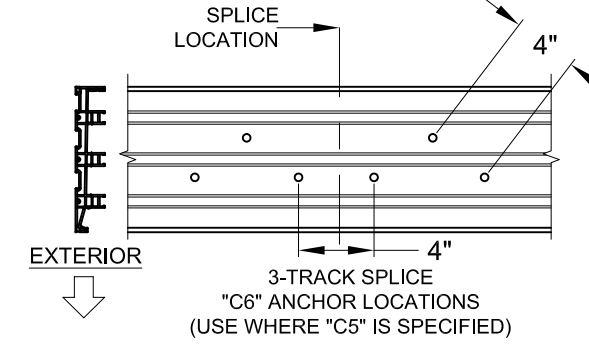
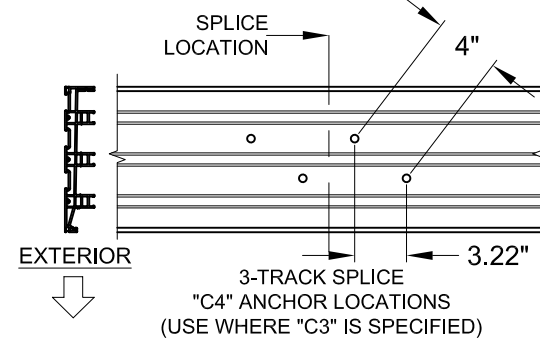
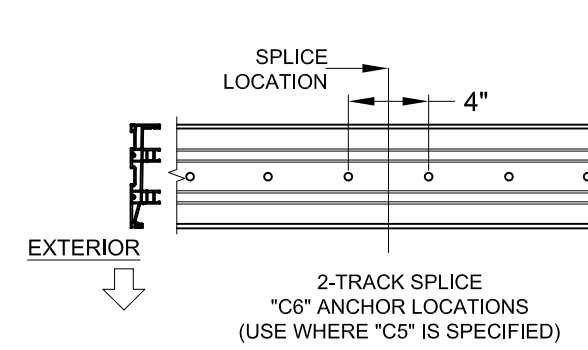
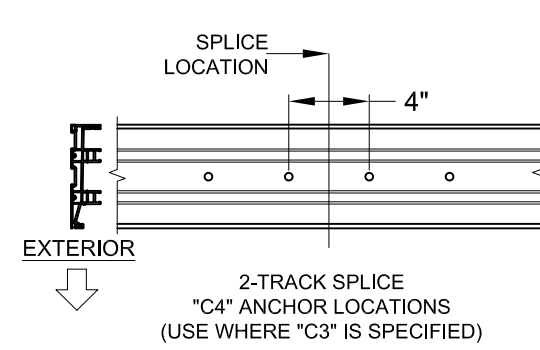
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275	REGISTRATION #29296	Date	10/05/15
		Drawn By	JENS ROSOWSKI
 Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	VINYL SLIDING GLASS DOOR (LM)	No. DWG	15 OF 21
		Series	SGD-5570
		Rev	F
		MD-5570.0	



HEAD SPLICE ANCHORS LAYOUT @ INTERLOCK OR ASTRAGAL:



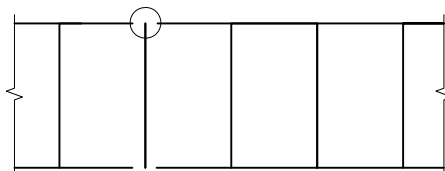
SILL SPLICE ANCHORS LAYOUT @ INTERLOCK OR ASTRAGAL:



NOTES:

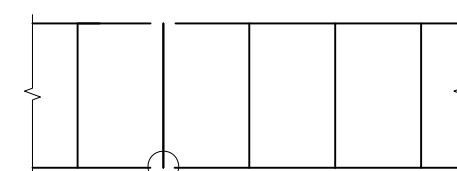
- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
- 2) ABOVE FIGURES ARE FOR SPLICES OCCURRING AT THE ASTRAGAL OR INTERLOCK. FOR SPLICES OCCURRING INSIDE OF A POCKET, SEE THE EXAMPLE ON SHEET 9.
- 3) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS AND SILLS:
- 4) POCKET WALL OR CAVITY IS NOT PART OF THIS APPROVAL AND IS TO BE DESIGNED BY OTHERS AND REVIEWED BY THE AUTHORITY HAVING JURISDICTION.

FIGURES PERTAIN TO THE FOLLOWING SPLICED HEAD ANCHOR LOCATIONS:



Head/Sill	(C3)+1
Jamb	5
P-hook	7

FIGURES PERTAIN TO THE FOLLOWING SPLICED SILL ANCHOR LOCATIONS:

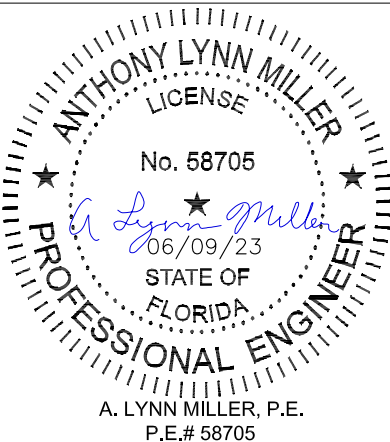


Head/Sill	(C3)+1
Jamb	5
P-hook	7

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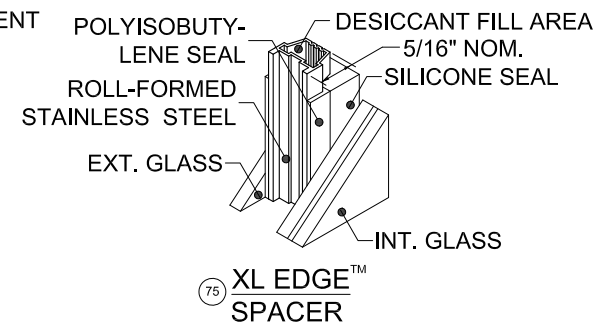
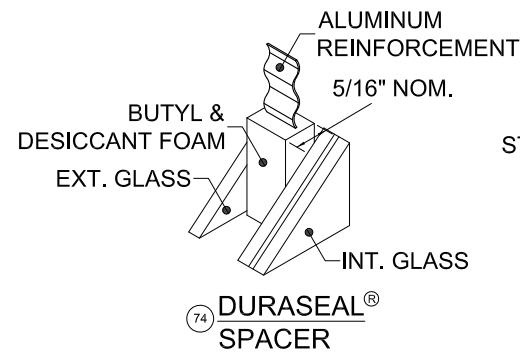
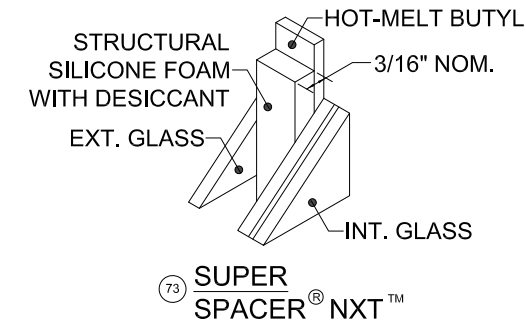
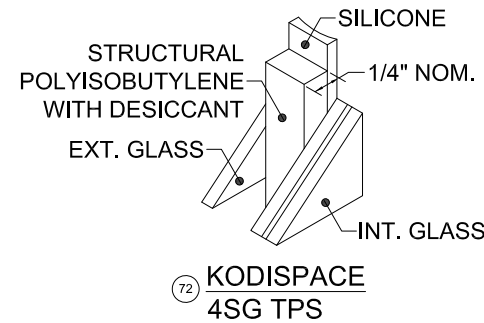
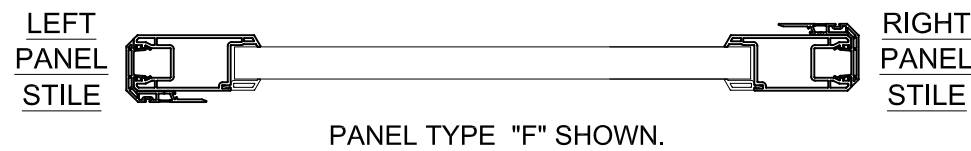
UPDATED TO 2023 BUILDING CODE.
JR - 06/06/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	10/05/15
		Drawn By	JENS ROSOWSKI
 Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	VINYL SLIDING GLASS DOOR (LM)	No.	16 OF 21
		Sheet	SGD-5570
		Rev.	F
			MD-5570.0



PANEL TYPES INTERIOR OR EXTERIOR GLAZED		PANEL'S RIGHT STILE TYPE										
		SINGLE INTERLOCK OUT	SINGLE INTERLOCK IN	FIXED STILE	LOCKSTILE W/ HANDLE	ASTRAGAL BOX OUT	ASTRAGAL BOX IN	OUTSIDE 90° ASTRAGAL RECEIVER	INSIDE 90° ASTRAGAL RECEIVER	OUTSIDE 135° ASTRAGAL RECEIVER	INSIDE 135° ASTRAGAL RECEIVER	
PANEL'S LEFT STILE TYPE	SINGLE INTERLOCK OUT		F	PP	K	L (BOX OUT)	L (BOX IN)	TC	TA	TV	TW	
	SINGLE INTERLOCK IN		B	E	P	A	C (BOX OUT)	C (BOX IN)	SC	SA	SV	SW
	FIXED STILE		RR	R			S (BOX OUT)	S (BOX IN)	FC	FD	FV	FW
	LOCKSTILE W/ HANDLE		D	M			J (BOX OUT)	J (BOX IN)				
	ASTRAGAL BOX OUT		LR (BOX OUT)		T (BOX OUT)	U (BOX OUT)						
	ASTRAGAL BOX IN			N (BOX IN)	T (BOX IN)	U (BOX IN)						
	OUT. 90° ASTRAGAL RECEIVER		CT	CS	CF							
	IN. 90° ASTRAGAL RECEIVER		AT	AS	DF							
	OUT. 135° ASTRAGAL RECEIVER		VT	VS	VF							
IN. 135° ASTRAGAL RECEIVER		WT	WS	WF								

SCREEN PANEL TYPES			
C	DOUBLE INTERLOCK		ASTRAGAL
M	LOCKSTILE		DOUBLE INTERLOCK
J	LOCKSTILE		ASTRAGAL
SD	SINGLE INTERLOCK		DOUBLE INTERLOCK
A	DOUBLE INTERLOCK		LOCKSTILE
U	ASTRAGAL		LOCKSTILE
DS	DOUBLE INTERLOCK		SINGLE INTERLOCK



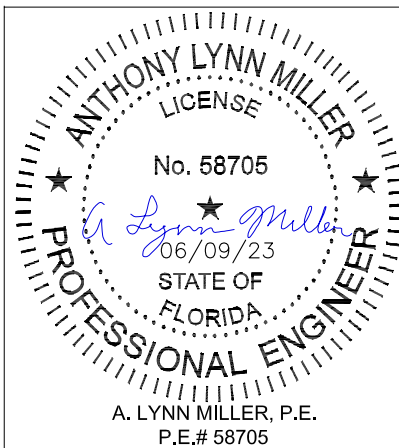
PANEL NOTES:

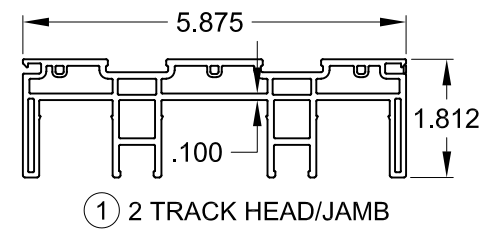
- 1) SEE DP/ANCHOR TABLES 1 & 2, SHEETS 7-8 FOR PANEL SIZES & DESIGN PRESSURE.
- 2) PANEL TYPES NOT SHOWN ARE NOT REQUIRED FOR ANY CONFIGURATIONS AND ARE NOT AVAILABLE.
- 3) MAXIMUM NOMINAL PANEL WIDTH FOR ALL PANEL CONFIGURATIONS IS 60".
- 4) PANEL TYPE MAY BE EITHER EXTERIOR (STANDARD) OR INTERIOR GLAZED, BOTH TYPES QUALIFIED BY THIS APPROVAL, SEE DETAILS SHEET 10.

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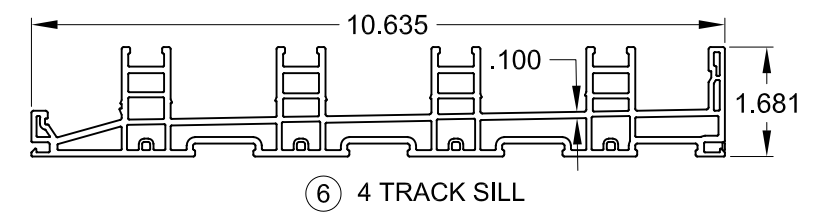
UPDATED TO 2023 BUILDING CODE.
JR - 06/06/23

PGT Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 10/05/15 Date	Drawn By JENS ROSOWSKI	No. MD-5570.0	Rev. F
	VINYL SLIDING GLASS DOOR (LM)	17 OF 21 Sheet	Desc. PANEL & SPACER TYPES	Title SGD-5570	

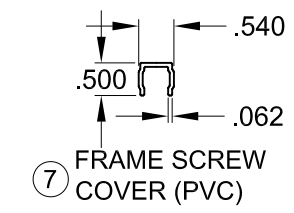




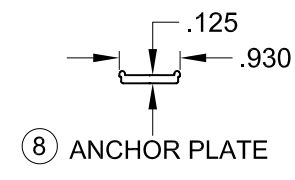
① 2 TRACK HEAD/JAMB



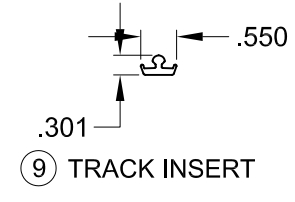
⑥ 4 TRACK SILL



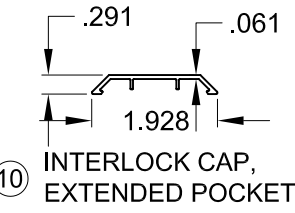
⑦ FRAME SCREW COVER (PVC)



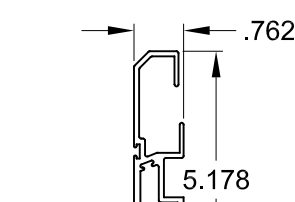
⑧ ANCHOR PLATE



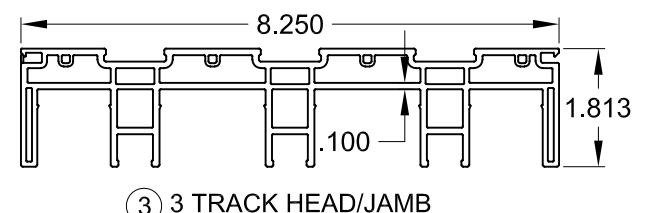
⑨ TRACK INSERT



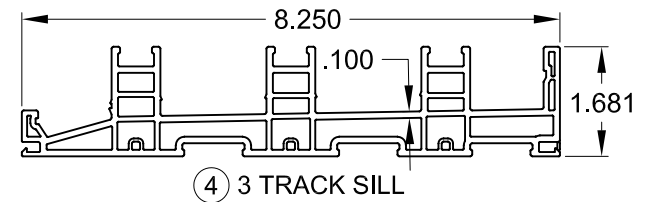
⑩ INTERLOCK CAP, EXTENDED POCKET



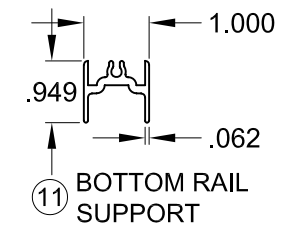
⑱ P-HOOK



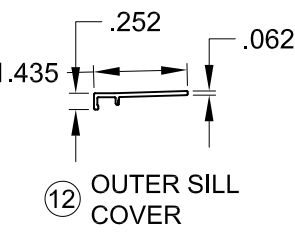
③ 3 TRACK HEAD/JAMB



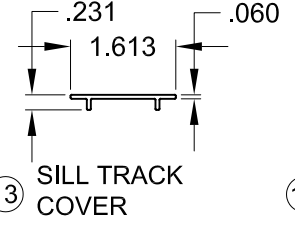
④ 3 TRACK SILL



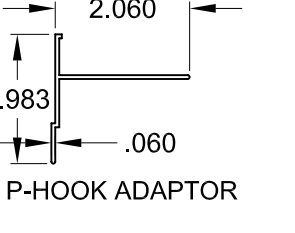
⑪ BOTTOM RAIL SUPPORT



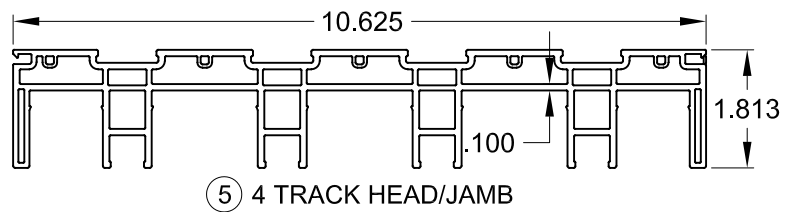
⑫ OUTER SILL COVER



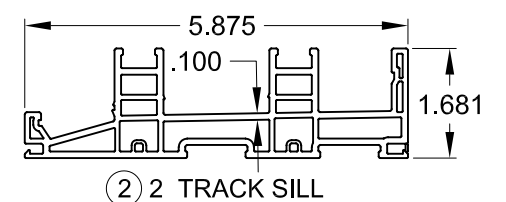
⑬ SILL TRACK COVER



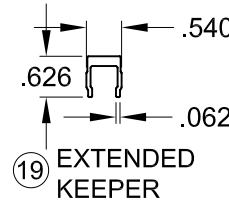
⑰ P-HOOK ADAPTOR



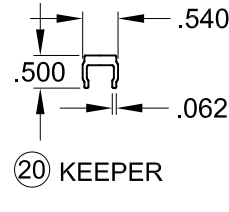
⑤ 4 TRACK HEAD/JAMB



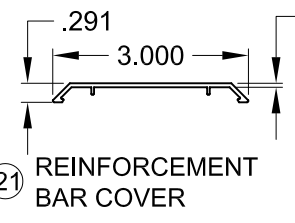
② 2 TRACK SILL



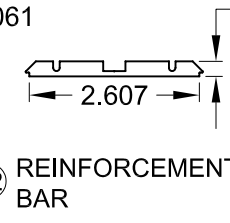
⑲ EXTENDED KEEPER



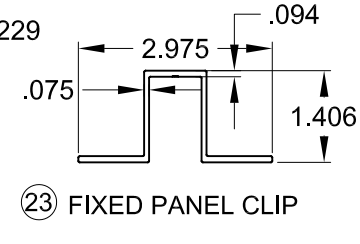
⑳ KEEPER



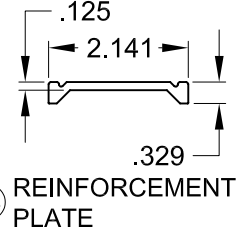
㉑ REINFORCEMENT BAR COVER



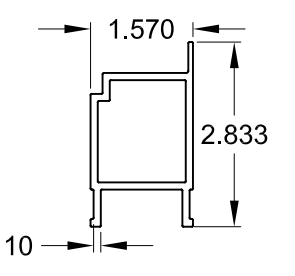
㉒ REINFORCEMENT BAR



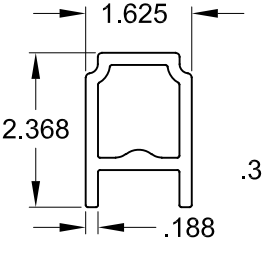
㉓ FIXED PANEL CLIP



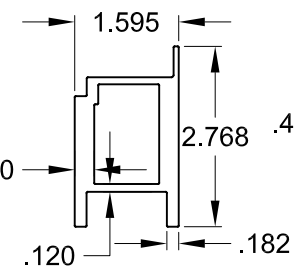
㉔ REINFORCEMENT PLATE



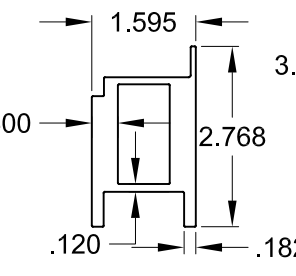
㉕ TOP, BOTTOM AND STILE REINFORCEMENT



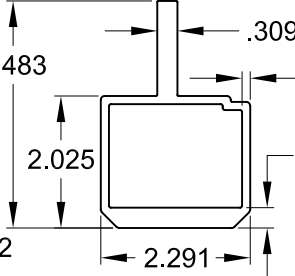
㉖ TOP, BOTTOM AND STILE COMPOSITE REINFORCEMENT



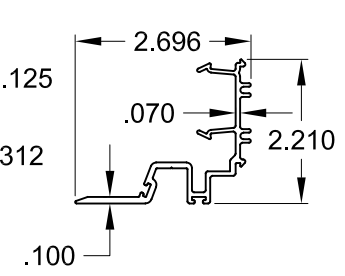
㉗ INTERLOCK .300 REINFORCEMENT, STANDARD



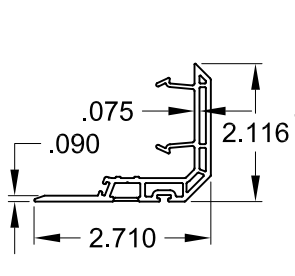
㉘ INTERLOCK .400 REINFORCEMENT, HEAVY-DUTY



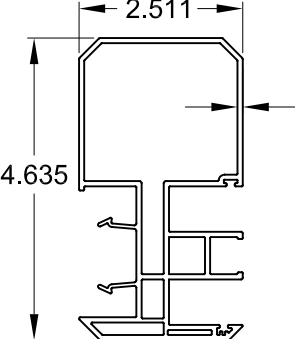
㉙ ASTRAGAL REINFORCEMENT



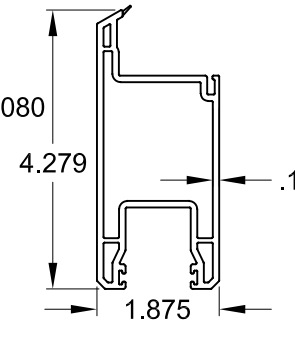
㉚ EXTENDED POCKET INTERLOCK ADAPTER



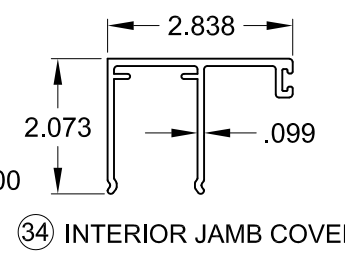
㉛ INTERLOCK ADAPTER



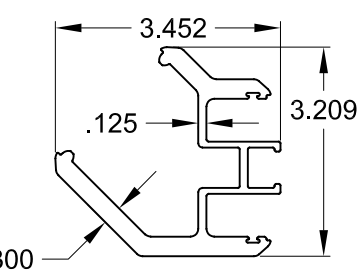
㉜ ASTRAGAL ADD-ON



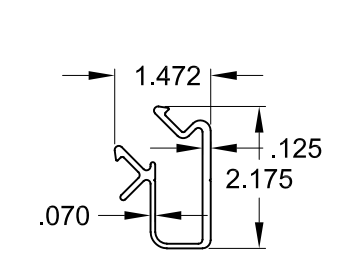
㉝ PANEL STILE, TOP AND BOTTOM RAIL



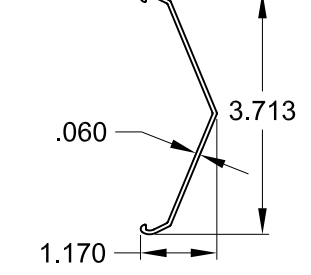
㉞ INTERIOR JAMB COVER



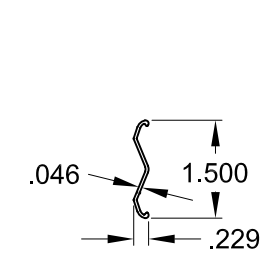
㉟ 135° CORNER ASTRAGAL



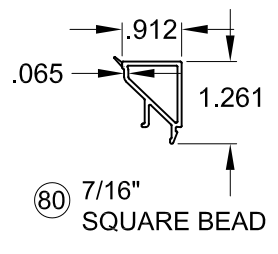
㊱ 135° CORNER PASSIVE MOUNT



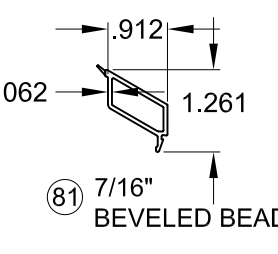
㊲ 135° CORNER ASTRAGAL CAP, EXTERIOR



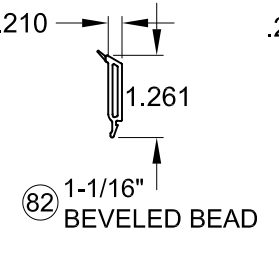
㊳ 135° CORNER ASTRAGAL CAP, INTERIOR



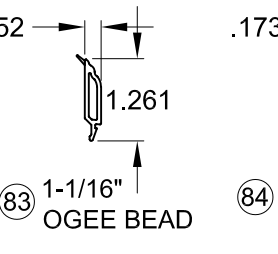
㉠ 7/16" SQUARE BEAD



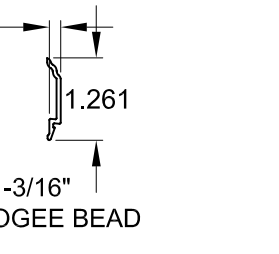
㉡ 7/16" BEVELED BEAD



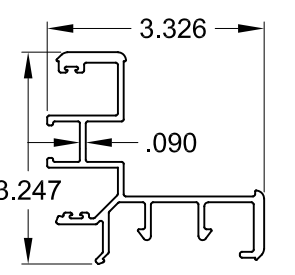
㉢ 1-1/16" BEVELED BEAD



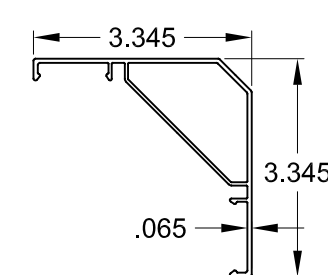
㉣ 1-1/16" OGEE BEAD



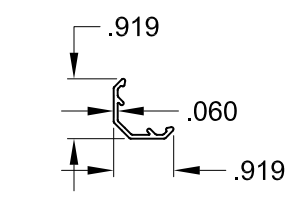
㉤ 1-3/16" OGEE BEAD



㉞ 90° CORNER ASTRAGAL



㉟ 90° CORNER ASTRAGAL CAP, EXTERIOR

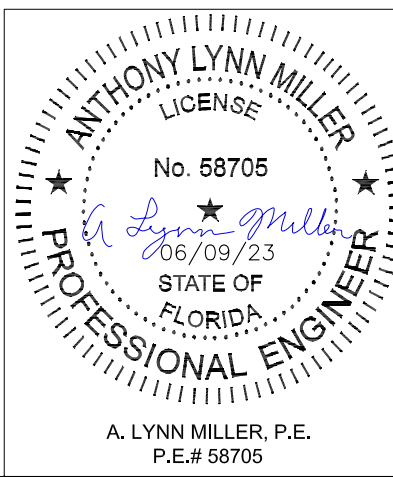


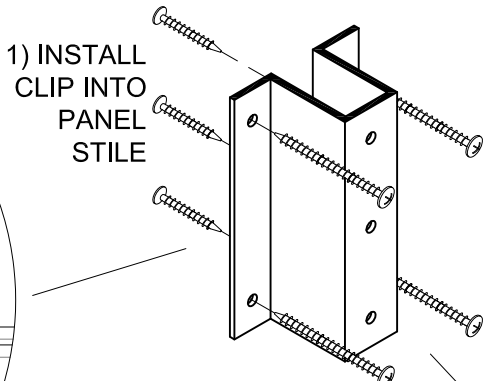
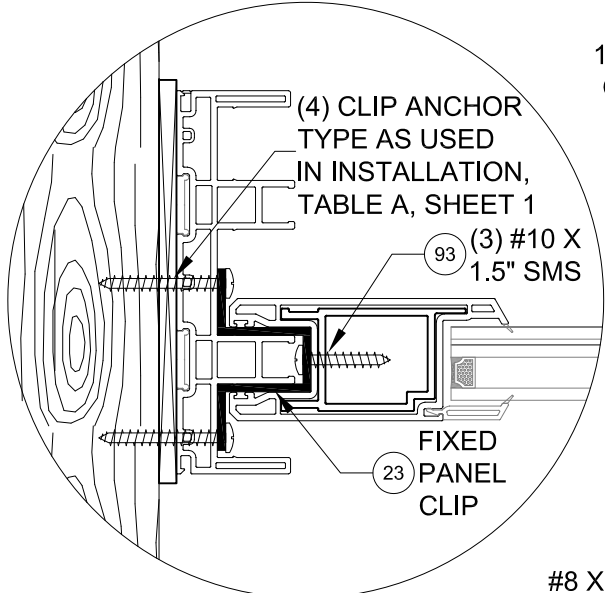
㊱ 90° CORNER ASTRAGAL CAP, INTERIOR

- NOTES:**
- 1) SEE SHEET 4 FOR SILL RISERS.
 - 2) SEE SHEET 20 FOR SCREEN PARTS.
 - 3) ALL DIMENSIONS IN INCHES.

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By: *Manuel Perez*
Miami-Dade Product Control

PGT Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	
Title	VINYL SLIDING GLASS DOOR (LM)	Date	10/05/15
Desc.	EXTRUSIONS	Drawn By	JENS ROSOWSKI
Rev	UPDATED TO 2023 BUILDING CODE - JR	Rev Date	06/06/23
Series	SGD-5570	Sheet	18 OF 21
DWG No.	MD-5570.0	Rev.	F

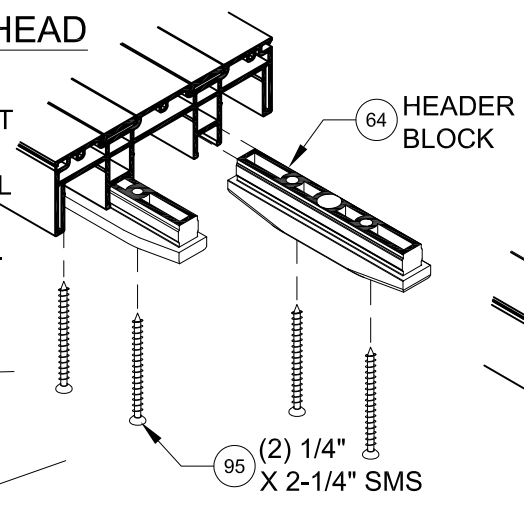




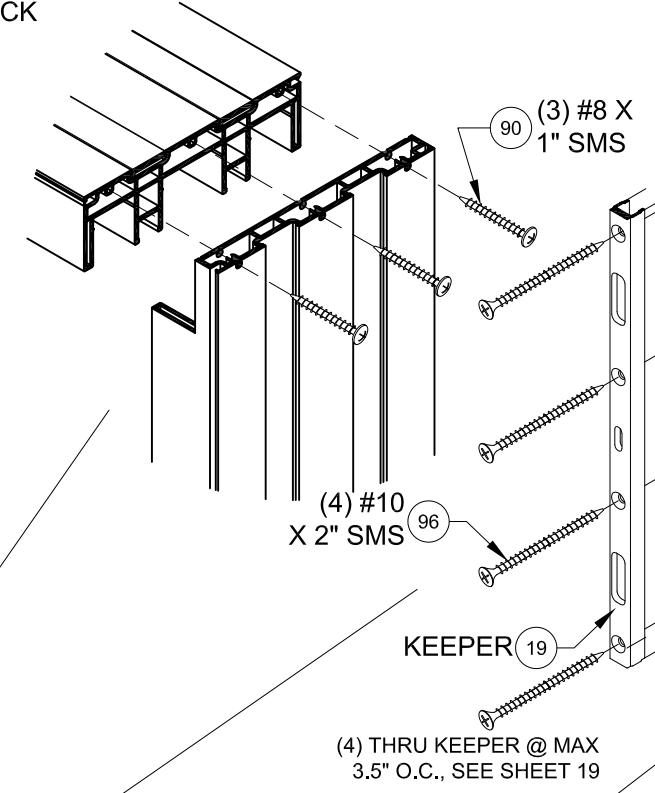
23 **FIXED PANEL CLIP**
INSTALL ONE CLIP AT THE MIDSPAN OF EACH FIXED PANEL-TO-FRAME JAMB LOCATION.

HEADER BLOCK TO HEAD ATTACHMENT

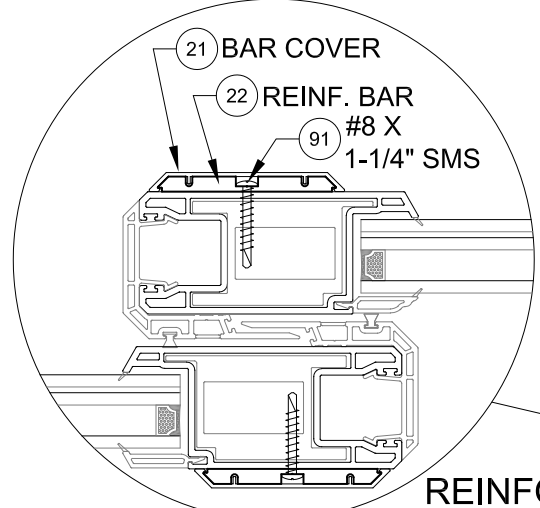
INSTALL ONE BLOCK AT EACH INTERLOCK. AT ASTRAGAL, INSTALL ONE BLOCK THAT SPANS BOTH PANELS.



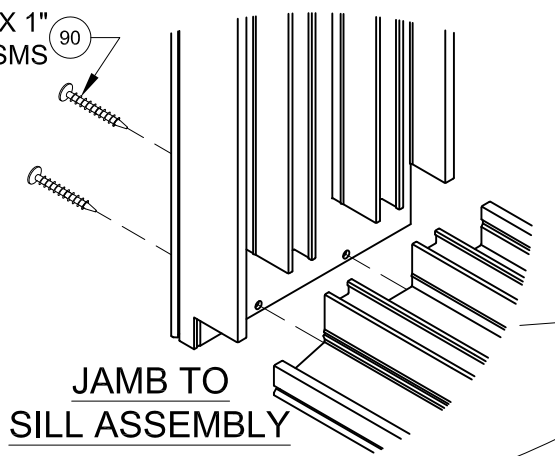
JAMB TO HEAD ASSEMBLY



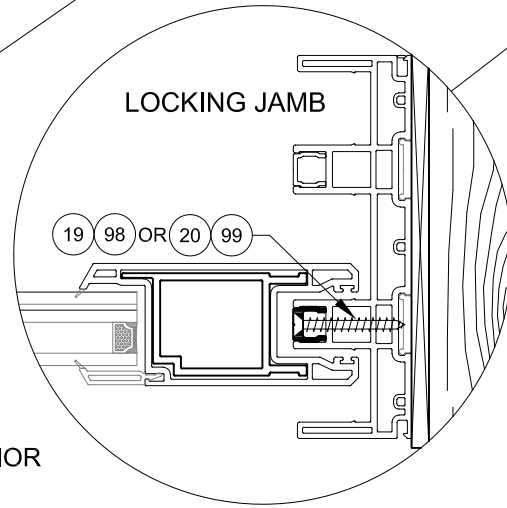
KEEPER TO JAMB ATTACHMENT



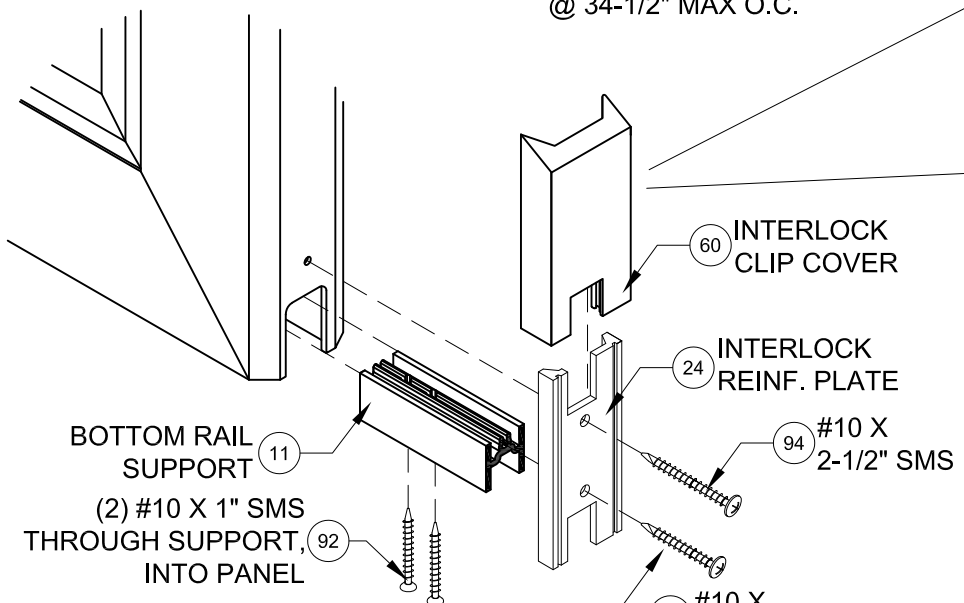
REINFORCEMENT PLATE
ATTACH WITH #8 X 1-1/4" @ 34-1/2" MAX O.C.



4-PANEL, 2-TRACK OXXX SHOWN



NOTES
1) DETAILS APPLY TO 2, 3 AND 4 TRACK CONFIGURATIONS.
2) SEE SHEETS 11-16 FOR ANCHOR LOCATION & SPACING.
3) SEE TABLES 1 & 2 FOR REINFORCEMENT REQUIREMENTS.
4) CONTINUOUS ANCHOR PLATE, ITEM #8, IS REQUIRED AT ALL FRAME ANCHOR LOCATIONS.



INTERLOCK SILL RETAINER CLIP ATTACHMENT
INSTALL ONE ASSEMBLY AT EACH INTERLOCK

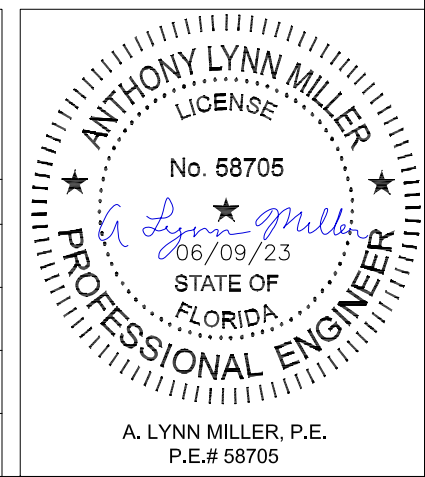
PANEL ASSEMBLY
ALL PANEL CORNERS WELDED, NO ASSEMBLY FASTENERS

INTERIOR

EXTERIOR

PGT Custom Windows and Doors		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	
1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296	
Title	VINYL SLIDING GLASS DOOR (LM)	Date	10/05/15
Desc.	ACCESSORY INSTALLATION	Drawn By	JENS ROSOWSKI
Rev	UPDATED TO 2023 BUILDING CODE - JR	Rev Date	06/06/23
Series	SGD-5570	Sheet	19 OF 21
DWG No.	MD-5570.0	Rev.	F

PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. 23-0710.10
Expiration Date: 04/14/2026
By: *Manuel Perez*
Miami-Dade Product Control



BOX SCREEN DETAILS:

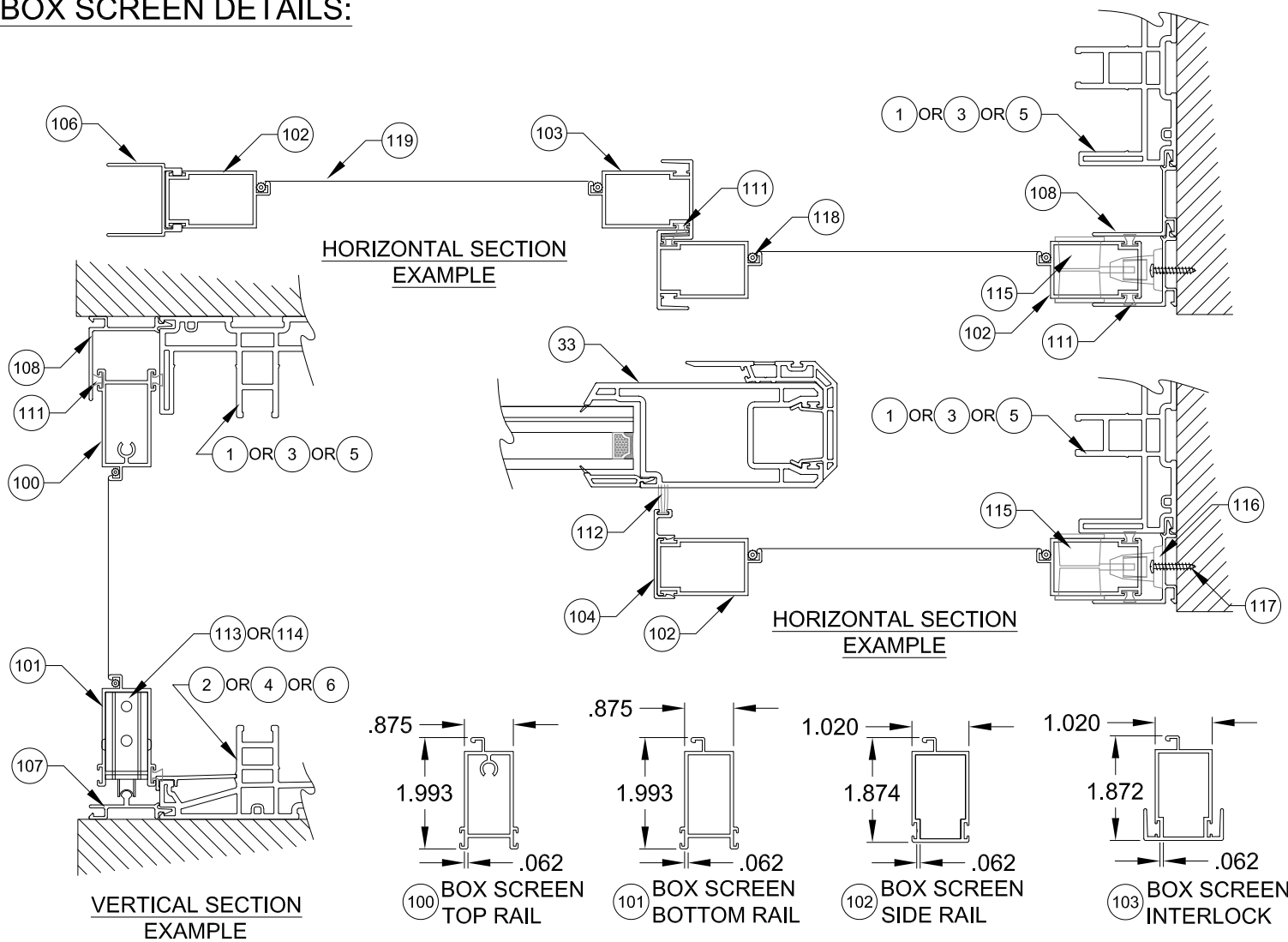
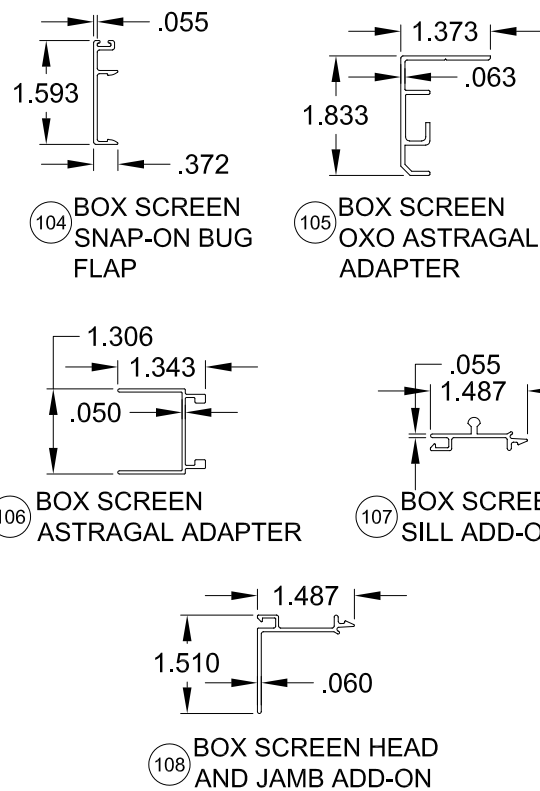


TABLE C: BOX SCREEN

#	Part #	Description	Material
100	12256	Box Screen Top Rail	6063 T5 Al
101	12257	Box Screen Bottom Rail	6063 T5 Al
102	12258	Box Screen Side Rail	6063 T5 Al
103	64428	Box Screen Interlock	6063 T6 Al
104	17347A	Box Screen Snap-on Bug Flap	6063 T6 Al
105	64345	Box Screen OXO Astragal Adapter	6063 T6 Al
106	17349	Box Screen Astragal Adapter	6063 T5 Al
107	19039	Box Screen Frame Sill Add-on	6063 T6 Al
108	19038	Box Screen Head/Jamb Add-on	6063 T6 Al
109	720X1X	#14-20 x 1" MS @ Top Rail	SS
110	720X112X	#14-20 x 1-1/2" MS @ Bottom Rail	SS
111	71793G	Wstp, .270" x .150" - Fin Seal	
112	61805K	Wstp, .187" x .500" @ Bug Flap	
113	7SRAZ	Standard Roller	Nylon
114	7SRAX	HD Roller	SS
115	varies	Screen Locking Hardware	Steel
116	419053	Screen Keeper	Steel
117	76X1PPA	#6 x 1" Ph. PH SMS	Steel
118	1692/3/4	Screen Spline - .150" & .165"	Vinyl
119	1816C20	Screen Cloth	Fiberglass



STANDARD SCREEN DETAILS:

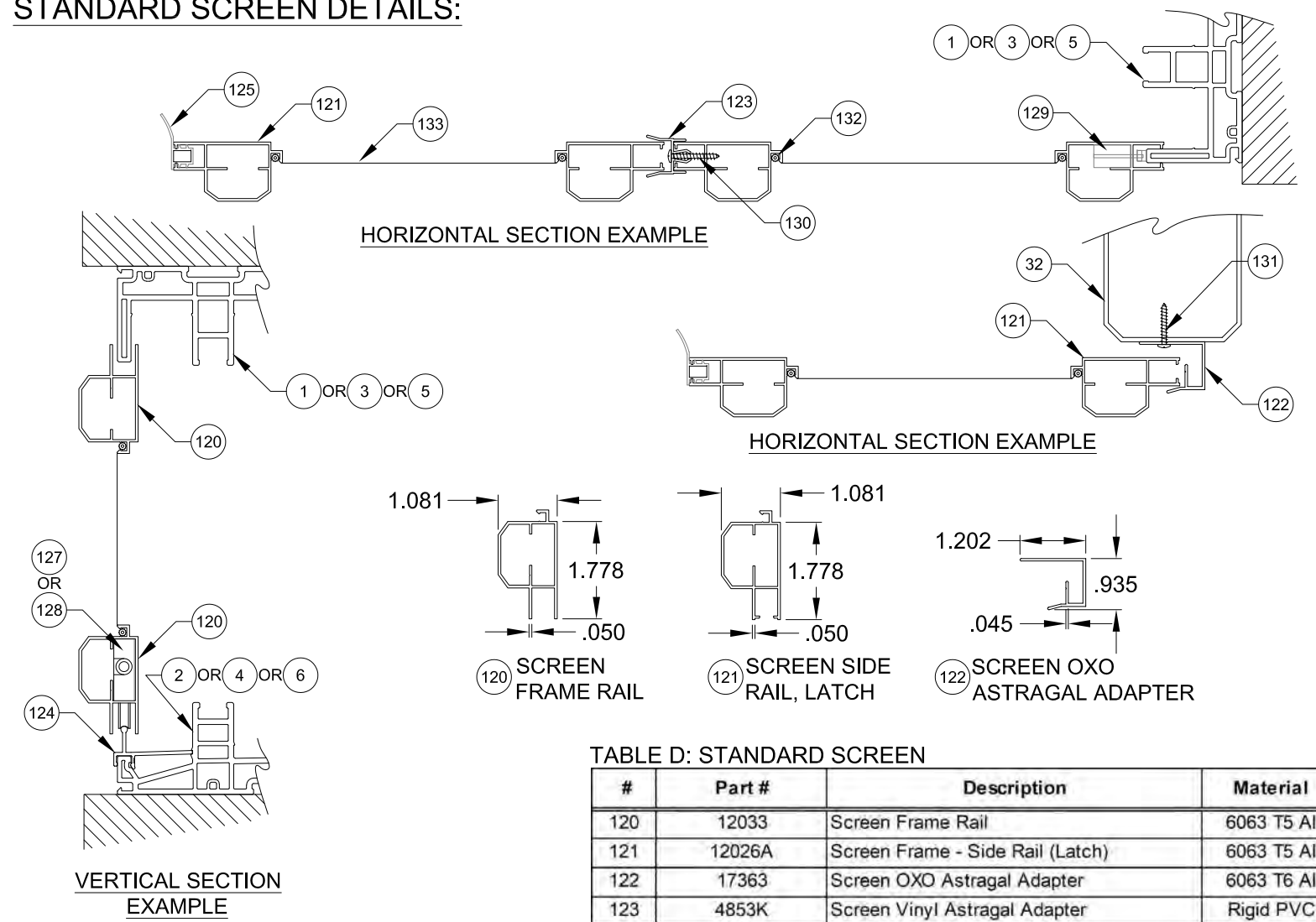


TABLE D: STANDARD SCREEN

#	Part #	Description	Material
120	12033	Screen Frame Rail	6063 T5 Al
121	12026A	Screen Frame - Side Rail (Latch)	6063 T5 Al
122	17363	Screen OXO Astragal Adapter	6063 T6 Al
123	4853K	Screen Vinyl Astragal Adapter	Rigid PVC
124	19012B	Frame Sill Screen Add-on	6063 T6 Al
125	6FP95K	Bug Flap, 85 +/- 5 duro.	Vinyl
126	78X112PSATS	#8 x 1-1/2" Ph. PH SMS (Assembly)	SS
127	712027	Corner Key Wheel Assembly (Standard)	Nylon
128	712027SS	Corner Key Wheel Assembly (HD)	SS
129	varies	Screen Locking Hardware	Steel
130	710X34PPSDAX	#10 x 3/4" Ph. PH SMS @ Screen Ast.	SS
131	78X12PPSMSX	#8 x 1/2" Ph. PH SMS @ Door Ast.	SS
132	1692/3/4	Screen Spline - .145"	Vinyl
133	1816C20	Screen Cloth	Fiberglass

NOTES:

1) ALL DIMENSIONS IN INCHES.

PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. 23-0710.10
Expiration Date: 04/14/2026
By: Manuel Perez
Miami-Dade Product Control

PGT
Custom Windows and Doors
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

Title	VINYL SLIDING GLASS DOOR (LM)	Date	10/05/15
Desc.	SCREEN DETAILS	Drawn By	JENS ROSOWSKI
Rev	UPDATED TO 2023 BUILDING CODE - JR	Rev Date	06/06/23
Series	SGD-5570	Sheet	20 OF 21
DWG No.	MD-5570.0	Rev.	F

ANTHONY LYNN MILLER
LICENSE
No. 58705
06/09/23
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

TABLE E:

#	Part #	Description	Material
1	19001	2-Track Head/Jamb	Rigid PVC
2	19002	2-Track Sill	Rigid PVC
3	19025	3-Track Head/Jamb	Rigid PVC
4	19026	3-Track Sill	Rigid PVC
5	19027	4-Track Head/Jamb	Rigid PVC
6	19028	4-Track Sill	Rigid PVC
7	19009	Frame Screw Cover	Rigid PVC
8	19031	Anchor Plate	6063-T6 Alum.
9	19007	Track Insert	6063-T6 Alum.
10	19084	Interlock Cap - Extended Pocket	Rigid PVC
11	19036	Bottom Rail Support	6063-T6 Alum.
12	19006A	Outer Sill Cover	6063-T6 Alum.
13	19011	Sill Track Cover	Rigid PVC
17	19032	P-Hook Adapter	6063-T6 Alum.
18	19020	P-Hook	6063-T6 Alum.
19	19047M	Extended Keeper	6063-T6 Alum.
20	19029M	Keeper	6063-T6 Alum.
21	19014	Reinforcement Bar Cover	Rigid PVC
22	19030	Reinforcement Bar	6005-T5 Alum.
23	19037M	Fixed Panel Clip	6063-T6 Alum.
24	19035M	Reinforcement Plate	6063-T6 Alum.
25	19017M	Top Rail, Bottom Rail and Lockstile Reinforcement	6005-T5 Alum.
26	19046		Composite
27	19018M	Interlock .300 Reinforcement, Std.	6005-T5 Alum.
28	19013M	Interlock .400 Reinforcement, HD	6005-T5 Alum.
29	19019M	Astragal Reinforcement	6005-T5 Alum.
30	19083	Extended Pocket Interlock Adaptor	6063-T6 Alum.
31	19005	Interlock Adaptor	Rigid PVC
32	19008	Astragal Add-on	Rigid PVC
33	19004	Panel Stile, Top/Bottom Rail	Rigid PVC
34	19040	Interior Jamb Cover	6063-T6 Alum.
35	19076	135° Corner Astragal	6063-T6 Alum.
36	19077	135° Corner Astragal Passive Mount	6063-T6 Alum.
37	19079	135° Corner Astragal Cap - Ext.	Rigid PVC
38	19080	135° Corner Astragal Cap - Int.	Rigid PVC
39	19078	90° Corner Astragal	6063-T6 Alum.
40	19081	90° Corner Astragal Cap - Ext.	Rigid PVC
41	19082	90° Corner Astragal Cap - Int.	Rigid PVC
42	19085	Sill Riser - (2-1/2")	6063-T6 Alum.
43	19022A	Sill Riser - (3-1/2")	6063-T6 Alum.
44	19023A	Sill Riser - (4-1/16")	6063-T6 Alum.
45	19024A	Sill Riser - (4-5/8")	6063-T6 Alum.
50	718609W	.187" x .320" Finseal (Stile)	
51	71695K	1-1/2" x 1" x 3/4" Fin Seal Dust Plug	
52	71696	Dust Plug	
60	419041	Interlock Clip Cover	PVC
61	78153X	Tandem Roller Assembly	SS
62	78153N	Tandem Roller Assembly	Nylon
63	78X75FPTX	#8 x 3/4" Ph. FH SMS @ Roller & Reinf.	SS


#	Part #	Description	Material
64	419042	Frame Header Block	Nylon
65	48052	Roller Adj. Hole Plug	PVC
66	44385	4 Hole Bumper Stop	PVC
67	76X114FPTX	#6 x 1-1/4" Ph. FH SMS @Bumper Stop	SS
68	71696G	Sill Plug	PVC
69	78185X	Gemini Morliso Lock w/long Trim plate	Steel/SS
70	71032X1FPTX	10-32 x 1" Ph.FH MS @ Lock	SS
71	varies	Handle Kit	Cast Zinc
72	19054	Interlock Retainer Clip	Nylon
75		Kommerling 4SG TPS Spacer System	
76		Quanex Super Spacer nXT with Hot Melt Butyl	See Sheet 10 for Materials
77		Quanex Duraseal	
78		Cardinal XL Edge Spacer	
79		Dow 791, 983, 995 or GE-7700 Backbedding	Silicone
80	19090	7/16" Square Bead	Rigid PVC
81		7/16" Beveled Bead	Rigid PVC
82	19044	1-1/16" Beveled Bead	Rigid PVC
83	19045	1-1/16" Ogee Bead	Rigid PVC
84	19016	1-3/16" Ogee Bead	Rigid PVC
85	71725K	Setting Block 1/2" x 4" x 1/16", 85 +/- 5 duro.	Neoprene
86	71726K	Setting Block 1" x 4" x 1/16", 85 +/- 5 duro.	Neoprene
90	781PSTX	#8 x 1" Ph. PH SMS @ Frame Assembly	SS
91	78X114PHPT410X	#8 x 1-1/4" Ph. PH SMS @ Reinf. Bar	SS
92	710X1PHPT18-8X	#10 x 1" Ph. PH SMS @ Rail Support	SS
93	710X115PPX	#10 x 1-1/2" Ph. PH SMS @ Fxd. Pnl. Clip	SS
94	710X2.5PHPT18-8X	#10 x 2-1/2" Ph. PH SMS @ Reinf. Plate/Ast.	SS
95	71420X2.25FPTX	#12 x 2-1/4" Ph. PH SMS @ Hdr. Block	SS
96	710X1.75PPX	#10 x 1-3/4" Ph. FH SMS @ Ast. Mount	SS
97	710X34PPX	#10 x 3/4" Ph. PH SMS @ Ext. Pkt. Int.	SS
98	131001	#10 x 2-1/2" Ph. FH SDS, 4 @ Keeper	SS
99	710X2PPX	#10 x 2" Ph. FH SMS, 4 @ Keeper	SS

1) ITEMS #14-16, 46-49, 53-59, 73, 74 & 87-89 ARE NOT USED AND ARE NOT PART OF THIS APPROVAL.

TABLE F:

Material	Min. F _y	Min. F _u
#12 Steel Screw	92 ksi	120 ksi
#12 410 Screw	90 ksi	110 ksi
1/4" DeWalt/Elco Aggre-Gator®	57 ksi	96 ksi
1/4" Elco UltraCon®	155 ksi	177 ksi
1/4" DeWalt UltraCon+®	148 ksi	164 ksi
1/4" 410 SS DeWalt/Elco CreteFlex®	127.4 ksi	189.7 ksi
6063-T5 Aluminum	16 ksi	22 ksi
A36 Steel	36 ksi	58 ksi
Gr. 33 Steel Stud	33 ksi	45 ksi

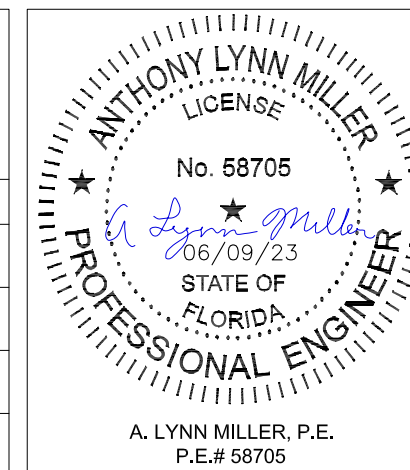
PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. 23-0710.10
Expiration Date: 04/14/2026
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Miami-Dade Product Control



PGT
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1070 TECHNOLOGY DRIVE
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(941) 480-1600

PREPARED BY A. LYNN MILLER
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(941) 480-1600
REGISTRATION #29296

Series	SGD-5570	Sheet	21 OF 21	DWG No.	MD-5570.0	Rev.	F
Title	VINYL SLIDING GLASS DOOR (LM)			Date	10/05/15		
Desc.	PARTS LIST/BOM			Drawn By	JENS ROSOWSKI		
Rev	UPDATED TO 2023 BUILDING CODE - JR			Rev Date	06/06/23		



General Planning Application



CITY OF TARPON SPRINGS
PLANNING & ZONING DEPARTMENT
324 E. Pine Street, Tarpon Springs, FL 34689
(727) 942-5611 / planning@ctsfl.us

INSTRUCTIONS

Please complete the application fully and then **DOWNLOAD (print button)** the form to submit. This application, with all supporting materials and applicable application addendums, must be submitted **DIGITALLY** through the [Planning and Zoning goPost portal](#). If a project requires multiple application types, please complete this form only once and upload it into each separate application type in [goPost](#).

To verify which addendums apply to your project download the [Application Addendum Checklist \(PDF\)](#).

Prior to proceeding to public hearing an application must be deemed complete. All required application fees (see [Fee Schedule \(PDF\)](#)) **must be paid prior to the application being scheduled for Technical Review Committee (TRC)**. Fees can be paid in person or mailed.

PLEASE BE AWARE, THE CITY OF TARPON SPRINGS HAS RECEIVED REPORTS OF SCAM EMAILS TARGETING APPLICANTS. PLEASE BE ADVISED THAT THE CITY WILL NEVER REQUEST PAYMENT BY WIRE TRANSFER. IF YOU RECEIVE A SUSPICIOUS REQUEST, PROCEED WITH CAUTION AND CONTACT CITY STAFF DIRECTLY TO VERIFY.

Property Owner(s) Name*

Property Owner(s) Email*

Edward Schultz	jfchul11@tampabay.rr.com
----------------	--------------------------

Property Owner(s) Address*

Property Owner(s) Phone*

121 N Grosse Ave, Tarpon Springs FL 34689	(727) 992-8623
---	----------------

Applicant(s) Name (If different than owner)

Applicant(s) Email

Eduardo Martinez	permits@windowwallfl.com
------------------	--------------------------

Applicant(s) Address

Applicant(s) Phone

410 S Ware Blvd Suite 611 Tampa FL 33619	813-649-8959
--	--------------

Agent/Representative (If applicable)

Agent/Representative Email

First and Last Name	Email Address
---------------------	---------------

Agent/Representative Address

Agent/Representative Phone

Street, City, State, and Zip Code	Phone Number
-----------------------------------	--------------

Application Type (Check all that apply)*

***Temporary Use Dates**

<input type="checkbox"/> Annexation	<input type="checkbox"/> Plat, Minor
<input type="checkbox"/> Conditional Use	<input type="checkbox"/> Rezoning
<input type="checkbox"/> Development Agreement	<input type="checkbox"/> Sidewalk Cafe
<input type="checkbox"/> Discussion Item	<input type="checkbox"/> Sidewalk Waiver
<input type="checkbox"/> Future Land Use Amendment	<input type="checkbox"/> Site Plan/Subdivision
<input checked="" type="checkbox"/> HPB, Certificate of Appropriateness	<input type="checkbox"/> Temporary Use*
<input type="checkbox"/> HPB, Designation of Historic Property	<input type="checkbox"/> Vacation, Plat or Property
<input type="checkbox"/> HPB, Economic Hardship Exemption	<input type="checkbox"/> Vacation, Right-of-Way
<input type="checkbox"/> HPB, Petition for Removal	<input type="checkbox"/> Variance
<input type="checkbox"/> Planned Development, Concept	<input type="checkbox"/> Variance, After-the-Fact
<input type="checkbox"/> Planned Development, Final	<input type="checkbox"/> Variance, De Minimis
<input type="checkbox"/> Planned Development, Preliminary	<input type="checkbox"/> Variance, FAR/ISR Adjustment
<input type="checkbox"/> Plat, Final	<input type="checkbox"/> Variance, Nonconforming Lot

Dates Requested

Project Name*

Edward Schultz

Tax Parcel ID(s)*

Project Location

12-27-15-15210-000-0030

[Look Up Parcel ID](#)

Flood Zone

- Zone X
- Zone AE
- Zone VE
- Not in a Flood Zone

Coastal High Hazard Area (CHHA)

- Yes, property is in the CHHA
- No, property not in the CHHA

Site Acreage*
.15 acres

Base Flood Elevation (BFE)

Elevation(s)

Current Land Use*

RU (Residential Urbar)
(Choices are alphabetized)

[Lookup Land Use](#)

Current Zoning*

R-70A (Single Family)
(Choices are alphabetized)

[Lookup Zoning](#)

Proposed Land Use

-- Select One --
(If applicable)

Proposed Zoning

-- Select One --
(If applicable)

Summary / Purpose of Request*

Historic approval needed for permit issuance. We are planning to install 3 windows and 1 sliding glass door using the existing openings in the home. 2 single hung windows in the front, 1 single hung window on the right side, and a sliding glass door at the back. All will be PGT vinyl with white frames and no grids.

Electronic Signature Agreement*

By checking the "I Agree" box below, you acknowledge that **1)** this form and other applicable application addendums will not be signed in the sense of a traditional paper document, **2)** by signing in this alternate manner, you authorize your signature on these forms to be valid and binding to the same force and effect as a handwritten signature, and **3)** the information included in and with these forms are completely true and correct to the best of your knowledge.

I Agree

Electronic Signature*

Eduardo Martinez

Date*

4/3/2026

Electronic Signature

I, as the property owner or as an authorized representative of the property owner, authorize the filing of this application and will allow the Planning and Zoning Department staff to visit this property if necessary for the purpose of analyzing this request. Further, I will allow a public notice sign (if required) to be placed and remain on the property until the processing of the request is complete.

Electronic Signature*

Date*

Eduardo Martinez

4/3/2026

Steps to Download Form

1. Click the **'Print Only'** button below.
2. Your form will open in a new tab.
3. **Right click** on your mouse and **select 'Print'**.
4. Choose to print to **'PDF'**.
5. Save the form in your desired location.

Need help? Give the Planning Department a call at [727-942-5611](tel:727-942-5611).



edward schultz Project

SGD

4

1

3

2

Hello WindowWall Customer,

Your home is your biggest investment, we know that better than anyone. That's why we strive to treat it as if it were our own. With our precise measure technicians, skilled installers, and experienced project managers we work to instill a sense of pride and professionalism in everything we do.

The products and processes presented to you today have been hand selected by a team of industry experts to be installed by our certified W2 team, so we guarantee them for life. Even after the job is done, you're a part of the WindowWall family for life. So rest easy knowing you have a team of experts ready to take care of you and your home for a lifetime.

Lastly, in treating your home like our own, we promise to take every measure possible to make the installation as smooth and simple as possible for you. That means prepping protection for your home's interior before, conducting the removal and replacement as carefully and skillfully as possible during, and cleaning up everything after the install process.

If at any point you have any questions or concerns, we're only a phone call away. Every single one of our employees are W2, never subcontracted, which means every touchpoint you have with us will be with a representative hand selected by the company to ensure that they offer only the highest quality of service.

Sincerely,

Eduardo Martinez
Owner

Purchaser Information

Purchaser 1 Name	edward schultz	Purchaser 2 Name	
Phone Number 1	727-992-8623		
Phone Number 2			
Email	naturecoastappraisals@gmail.com		
Address	121 N Grosse Ave Tarpon Springs, FL 34689		
Date	03/02/2026		

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Proposal Scope of Work

WindowWall is responsible for ordering all products for the install, pulling all necessary permits, and calling to schedule the install. Installation includes all W2 installers with a fully AAMA certified installation, replacement of all buck frames as required by Florida Building Code, all installation materials, and clean up of all job related debris. Any repair needed to the stucco, drywall, or plaster from removal of any products will be performed but not painted. Products include a lifetime warranty as described by the manufacturer. All impact pgt windows and doors are HVHZ rated (Miami Dade approved). Warranty is activated upon final payment of products.

Structural damage is sometimes not visible until the window is removed. If it is determined that windows cannot be installed properly because of pre-existing structural problems, WindowWall will stop work until the damage is repaired by a qualified contractor. This ensures that the windows meet all of their designed specifications by properly being attached to the structure adequately.

PGT windows and doors will be manufactured in about 4-8 weeks after order is placed by WindowWall. Eze-Breeze patio products will be manufactured in about 4-6 weeks after order is placed by WindowWall. Thermatru entry doors will be manufactured in about 4-16 weeks after order is placed by WindowWall. Installation duration is estimated to be 3-8 windows per day and 4 door panels per day.

Orders cannot be placed until measure tech appointment is completed, all financial requirements are fulfilled and any required HOA approvals are completed.

All dates are approximate and subject to change based on unforeseen events including inclement weather, permitting delays, manufacturing delays, and inflexible homeowner availability. WindowWall reserves the right to reschedule appointments due to the events above.

Purchaser Initials

EA

Lead Safe Work Practices

Anyone who is paid to perform work that disturbs paint in housing and child-occupied facilities built before 1978 must be certified through an accredited EPA-authorized program on lead based install practices. WindowWall is certified to handle all lead based paint projects. Should your home be built prior to 1978, you certify that you have received the "Renovate Right" pamphlet.

Purchaser Initials

EA

Optional Project Photo Agreement

WindowWall is always working towards providing the best installation experience for their customers. A request that is commonly made is to view pictures of our finished work from different properties. Homeowner agrees to allow WindowWall to use any imagery taken during the window process to help such homeowners as well as for marketing purposes. At no time will a homeowner's name or address be shared and will remain private.

Optional Photo Agreement

I Agree

(Customer's Initials)

EA

Measure Technician

All sizes on this contract are approximate measurements taken by your Design Consultant. A measure technician will remeasure your home and obtain proper measurements up to all applicable Building Code standards to order your product. Our team will call you within 24 hours (Monday - Friday) to schedule this appointment.

(Customer's Initials)

EA

This space intentionally left blank

Additional Project Notes

Notes

Sales Agreement

Sales Price	\$18,492
Down Payment	\$4,623
Balance Due at Installation	\$13,869
Method of Payment	Credit Card
Lender	N/A
This contract has been carefully reviewed, understood and accepted by all parties. This includes the scope of work, sales agreement, prices, quantity of products, specifications of products, and the terms and conditions.	

edward schultz
Signed at 03/02/2026 04:10 PM

Date

Date

Jordan Slatton
Signed at 03/02/2026 04:10 PM

Date

You, the buyer, may cancel this transaction by delivering written notice at any time prior to the midnight of the third business day of this transaction.

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42 x 54

Window 1

Quantity 1



Exterior



Interior

Options

Description:	<i>Winguard Single Hung</i>
Location:	<i>Living Room</i>
Glass:	<i>Impact</i>
Overall Frame Width:	<i>40</i>
Overall Frame Height:	<i>52</i>
Impact Insulated / Low-E / Argon Gas:	<i>Yes</i>
Installation Type:	<i>Wood</i>
Sash Split:	<i>Even</i>
Operation/Venting:	<i>Single Hung</i>
Exterior Color:	<i>White</i>
Interior Color:	<i>White</i>
Grids Type:	<i>None</i>
Grids Pattern:	<i>None</i>
Tempered:	<i>No</i>
Privacy:	<i>None</i>
Notes:	
Glass Block Removal:	<i>No</i>
1x3 Mull Bar:	<i>No</i>
2x6 Mull Bar:	<i>No</i>
Corner Bay Mull:	<i>No</i>
WOCD:	<i>No</i>
Exterior Shutters RnR:	<i>No</i>
Burglar Bars RnR:	<i>No</i>
Sill:	<i>None</i>
Build Down:	<i>No</i>
Glass Tint:	<i>None</i>

Window 2

Quantity 1

Options

Description:	<i>Winguard Single Hung</i>
Location:	<i>Living Room</i>
Glass:	<i>Impact</i>
Overall Frame Width:	<i>40</i>
Overall Frame Height:	<i>52</i>

2

42 x 54



Exterior



Interior

Impact Insulated / Low-E / Argon Gas:	Yes
Installation Type:	Wood
Sash Split:	Even
Operation/Venting:	Single Hung
Exterior Color:	White
Interior Color:	White
Grids Type:	None
Grids Pattern:	None
Tempered:	No
Privacy:	None
Notes:	
Glass Block Removal:	No
1x3 Mull Bar:	No
2x6 Mull Bar:	No
Corner Bay Mull:	No
WOCD:	No
Exterior Shutters RnR:	No
Burglar Bars RnR:	No
Sill:	None
Build Down:	No
Glass Tint:	None



Exterior

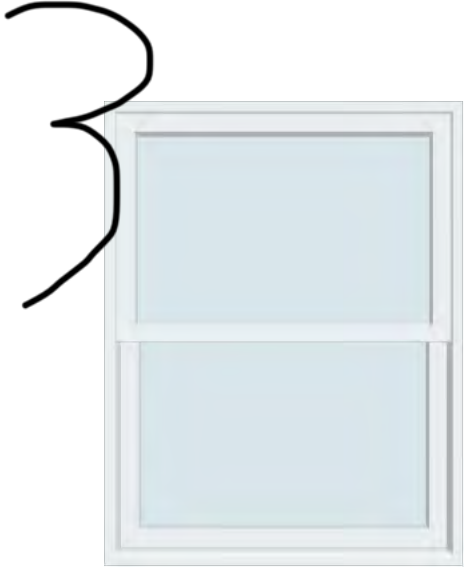
Window 3

42 x 54

Quantity 1

Options

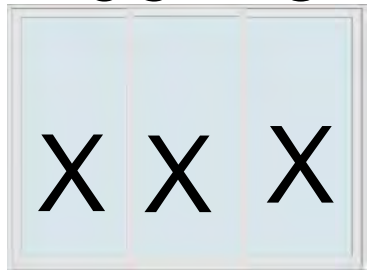
Description:	Winguard Single Hung
Location:	Living Room
Glass:	Impact
Overall Frame Width:	40
Overall Frame Height:	52
Impact Insulated / Low-E / Argon Gas:	Yes
Installation Type:	Wood
Sash Split:	Even
Operation/Venting:	Single Hung
Exterior Color:	White
Interior Color:	White



Interior

Grids Type:	None
Grids Pattern:	None
Tempered:	No
Privacy:	None
Notes:	
Glass Block Removal:	No
1x3 Mull Bar:	No
2x6 Mull Bar:	No
Corner Bay Mull:	No
WOCD:	No
Exterior Shutters RnR:	No
Burglar Bars RnR:	No
Sill:	None
Build Down:	No
Glass Tint:	None

109 x 81



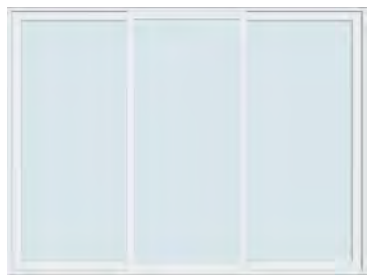
Exterior

RO 111x 83 Quantity 1

SGD 2

Options

Description:	Winguard SGD 3 Panel
Location:	Patio
Operation/Venting:	XXX
Call Width:	108"
Call Height:	80"
Width:	108
Height:	80
Frame Width:	108
Frame Height:	80
Glass Tint:	None
Exterior Color:	White
Interior Color:	White
Grids Type:	None
Grids Pattern:	None
Notes:	
2x6 Mull Bar:	No
Build Down:	No
Privacy:	None
Keyed Lock:	No



Interior

Secondary Lock: *No*

Keyed Alike: *No*

Curved Handle: *No*

Contemporary Handle: *No*

WindowWall General Terms and Conditions

1. Definitions:

“Agreement” means the Home Improvement Agreement between You and WindowWall, plus any Change Orders and General Terms and Conditions (“General Conditions”) and any documents referenced in or attached to any of the foregoing. “Defect” means any Services that are found not to be as warranted. “Home” means the real property, fixtures and any physical improvements where the Services are performed. “Services” means (I) the delivery and furnishing of goods, equipment, materials, and hardware; and (II) any related labor and services, including without limitation, construction, consultation, fabrication, erection, installation, inspection, maintenance, repair, and testing. “Work Area” means any property, buildings, or structures necessary for the staging, temporary storing and performance of the Services. “You”/“Your” means the customer identified in the Agreement.

2. WindowWall's Responsibilities

WindowWall will complete the Services in a workmanlike manner and in accordance with applicable law, provided, however, that WindowWall will not start or continue with any Services upon discovery of any condition at Your Home that WindowWall deems in its sole discretion to be hazardous or unsafe. Unless specifically contracted to do so, WindowWall is not obligated to repair such pre-existing hazardous or unsafe conditions.

3. Your Responsibilities:

(a) Payment: Once substantial completion of the project is done, You agree to pay WindowWall in full for the Services pursuant to the terms of this Agreement. Warranty items and material defects will be repaired or ordered and replaced after final payment is collected. Required Florida inspections do not halt the final payment due on the day of installation. If You decide not to make payment, WindowWall shall be entitled to recover from You all costs of collection incurred by WindowWall, including attorney’s fees, costs, and expenses. Collection matters may be processed through litigation or arbitration at the sole discretion of WindowWall. (b) Safe Access: You agree to provide WindowWall Safe Access to Your Home. “Safe Access” means safe and complete access to the Work Area, including, without limitation: (1) obtaining in advance of the Services consent, permission, or relief from any covenants, easements, restrictions, or other legal encumbrances affecting the Work Area; (2) providing the location of utilities, whether underground, concealed, overhead or visible, to WindowWall; (3) removing from the Work Area physical impediments, hazards, and building code or zoning violations that affect directly or indirectly the Work Area; (4) removing unsafe working conditions and hazardous materials, including environmental hazards, from the Work Area; (5) providing sanitary facilities to WindowWall convenient to the Work Area; (6) providing all utilities, including without limitation, power, water, ventilation and climate control, in and for the Work Area; (7) removing from and protecting against minors, pets, guests and visitors in the Work Area; (8) keeping permits, if required, visible at all times; (9) disengaging, suspending or terminating any security systems protecting the Work Area; (10) providing adequate temporary storage space as needed for Window Wall’s performance of the Services; and (11) not interfering, impeding, impacting or otherwise disrupting the Work Area at any time during WindowWall’s performance of the Services. (c) No Performance: Services are to be performed by WindowWall. If You attempt to perform or assist with the Services in any way, You assume all risk for property damage and for injury to Yourself and others.

4. Modifications and Change Orders

Without invalidating this Agreement, You may authorize WindowWall to perform Services beyond the scope of the Agreement (“Change Order”). A Change Order shall be issued by WindowWall which You may accept by signing. Upon Your signing of the Change Order, it shall become part of this Agreement, subject to all of the terms of the Agreement. Change Order may also result from WindowWall encountering conditions at the Work Area that impact, impede or otherwise interfere with the performance of the Services, requiring an increase in cost, time, or both. Following the discovery of any conditions that impact, impede or otherwise cause the Work Area not to have Safe Access, WindowWall may immediately ask for a Change Order or discontinue the Services without further obligation to You. If You decline a Change Order request, You or WindowWall may terminate this Agreement. Sales measurements are performed for pricing purposes only. Precise measurements for ordering purposes will be performed by the Measure Technician and will be referred to for all scenarios involving product sizes.

5. Title and Risk of Loss

The title to and risk of loss for any materials or goods provided to You that originate from WindowWall shall pass to You when paid in full. Title to any other materials or goods provided by WindowWall shall pass to You upon completion of the Services.

6. Warranty and Limitation On Warranties

(a) Warranty: Unless otherwise stated in the Agreement, Product and Labor warranty are outlined on www.windowwallfl.com. Vinyl and aluminum with glass products offer a limited lifetime warranty as described by the manufacturer. Additionally, WindowWall will furnish the labor to correct any warranty claim valid to their warranty documents for their corresponding products, free of charge to the original purchaser in this agreement. For fiberglass and vinyl glazing products, WindowWall will provide a one year labor warranty. Labor does not transfer should the manufacturer warranty be transferred to the next homeowner. Labor for subsequent homeowners will be provided at WindowWall service rates at time of claim or service. All warranties are voided if (1) anyone other than WindowWall performs work upon or otherwise modifies any materials or Services provided under this Agreement, or (2) You fail to pay WindowWall as provided in this Agreement, or (3) a storm door or any film or tinting is applied to the opening.

(b) Limitation on Warranties: THE WARRANTIES PROVIDED IN THIS AGREEMENT ARE STRICTLY LIMITED TO THE FOREGOING EXPRESS WARRANTIES CONTAINED IN PARAGRAPH 6a, IN THE WARRANTY SECTION OF THE AGREEMENT, IF ANY, OR IN THE STATE SUPPLEMENT, IF ANY. YOU ACKNOWLEDGE AND AGREE THAT NO OTHER WARRANTIES ARE MADE OR GIVEN BY WINDOWWALL, INCLUDING ANY WARRANTY FOR FITNESS OF PURPOSE, WARRANTY OF MERCHANTABILITY, OR ANY OTHER ORAL, EXPRESS OR IMPLIED WARRANTIES. WINDOWWALL'S EXPRESS WARRANTIES ARE VOIDED FOR ANY DEFECT CAUSED BY ABUSE, MISUSE, NEGLIGENCE, ACTS OF GOD, LACK OF PRESCRIBED OR STANDARD MAINTENANCE, OR IMPROPER CARE/CLEANING.

7. Termination/Cancellation

This Agreement may be terminated by WindowWall for its convenience at anytime. In this event, WindowWall is only responsible to refund any deposit given to the company back to You. In the event WindowWall terminates this Agreement because You fail to provide Safe Access to perform the Services, or if either party terminates the Agreement because You decline a Change Order request resulting from unforeseen or hazardous conditions, then You shall pay WindowWall for Services provided through the date of termination plus any costs or expenses incurred by WindowWall as a result of the termination.

You understand that you have 3 business days to cancel this Agreement, as described above. You understand that if you want to cancel after this 3 day rescission period, WindowWall does not have to allow that. If WindowWall does agree to a cancel, however, you must pay WindowWall a late cancellation fee equal to 50% of this agreement's total sales price. This cancellation fee is to pay for product, administrative, and labor costs.

8. Choice of Law; Severability

This Agreement shall be governed by and interpreted in accordance with the laws of the State where the Project is physically located. The parties intend for the terms and conditions in the Agreement to be complementary, consistent, and enforceable under applicable laws. In the event any term or condition in the Agreement violates applicable law, such term or condition shall be severed from the Agreement, but only to the extent necessary to avoid such violation, without invalidating any other terms and conditions of the Agreement.

9. Entire Agreement

This Agreement is the final, integrated, and exclusive expression of the parties' understanding, which supersedes all prior offers, orders, understandings, representations, proposals, confirmations, and negotiations between the parties, whether oral or written. No course of dealing, usage of trade, course of performance, course of conduct, or any other evidence of additional or different terms shall be admissible to contradict or vary any term in the Agreement.

10. Security Interests; Liens

: If You make all payments as required under this Agreement, no security interest will be placed against Your property by WindowWall. If a security interest is placed on Your property, it creates a lien, mortgage, or other claim against Your property to secure payment and may cause a loss of Your property if You fail to pay as requested. After paying on any completed phase of the Services and before making any further payments, You should request from WindowWall a signed, unconditional release form, or waiver of, any right to place any claim against Your property applicable to the work then completed. You may ask an attorney about Your rights to discharge security interests.

11. Returns

Custom order merchandise (i.e., goods that are custom made, uniquely altered, color matched, shaped, sized, or otherwise uniquely designed or fitted to the requirements of a particular space) is non-returnable, and its purchase price cannot be refunded unless WindowWall (1) incorrectly ordered item, or (2) damaged item beyond repair. Special order merchandise may be returned, and a refund for all or part of the purchase price provided, in the discretion of WindowWall.

12. Agreement/Service Order communication preferences

You signed up to receive updates about Your

Agreement via: (a) Text Message Communications, You may receive multiple messages per order via automated technology to the mobile phone number You provided. Standard message and data rates apply., (b) Electronic voice communications, You may receive multiple pre-recorded phone calls per order via automated technology to the phone number You provided. (c) Email Communications, You may receive multiple Emails per order via automated technology to the Email address You provided.

13. Finance Charges

Any interest payments or other finance charges will be determined by Customer's separate cardholder or loan agreement, to which WindowWall is NOT a party, and will be in addition to Customer's payment under this Agreement. Customer is subject to the terms and conditions of the cardholder or loan agreement, as applicable.

14. Homeowner Associations (HOA)

WindowWall will assist in providing all necessary documentation requested by the HOA to You. It is Your responsibility to inform WindowWall what information will be needed for the HOA and to submit that information. WindowWall will not directly work with the HOA.

15. Other Objects and Plantation Shutters

Any object within three feet of an opening that WindowWall will perform work on is to be relocated by YOU. If WindowWall has to relocate any object on the day of install, WindowWall removes itself from any liability should it be damaged in any shape or form. For plantation shutters, WindowWall removes itself from any liability should any plantation shutter be damaged in any shape or form. Any object or plantation shutter that was moved or removed by YOU is not the responsibility of WindowWall to relocate or reinstall.

16. Storage Fees

WindowWall will provide an installation date timeframe once the product has arrived at WindowWall's warehouse and has been verified by the quality control department that the windows are ready for installation. YOU the homeowner will provide reasonable flexibility to work within both WindowWall and YOUR schedule. Should YOU delay the installation beyond 4 weeks of WindowWall's first available date, YOU agree to pay a storage fee of \$10 per window and \$10 per door panel per month at a minimum of \$100 per month.

17. Florida's Construction Lien Law

ACCORDING TO FLORIDA'S CONSTRUCTION LIEN LAW (SECTIONS 713.001-713.37, FLORIDA STATUTES), THOSE WHO WORK ON YOUR PROPERTY OR PROVIDE MATERIALS AND SERVICES AND ARE NOT PAID IN FULL HAVE A RIGHT TO ENFORCE THEIR CLAIM FOR PAYMENT AGAINST YOUR PROPERTY. THIS CLAIM IS KNOWN AS A CONSTRUCTION LIEN. IF YOUR CONTRACTOR OR A SUBCONTRACTOR FAILS TO PAY SUBCONTRACTORS, SUB-SUBCONTRACTORS, OR MATERIAL SUPPLIERS, THOSE PEOPLE WHO ARE OWED MONEY MAY LOOK TO YOUR PROPERTY FOR PAYMENT, EVEN IF YOU HAVE ALREADY PAID YOUR CONTRACTOR IN FULL. IF YOU FAIL TO PAY YOUR CONTRACTOR, YOUR CONTRACTOR MAY ALSO HAVE A LIEN ON YOUR PROPERTY. THIS MEANS IF A LIEN IS FILED YOUR PROPERTY COULD BE SOLD AGAINST YOUR WILL TO PAY FOR LABOR, MATERIALS, OR OTHER SERVICES THAT YOUR CONTRACTOR OR A SUBCONTRACTOR MAY HAVE FAILED TO PAY. TO PROTECT YOURSELF, YOU SHOULD STIPULATE IN THIS CONTRACT THAT BEFORE ANY PAYMENT IS MADE, YOUR CONTRACTOR IS REQUIRED TO PROVIDE YOU WITH A WRITTEN RELEASE OF LIEN FROM ANY PERSON OR COMPANY THAT HAS PROVIDED TO YOU A "NOTICE TO OWNER." FLORIDA'S CONSTRUCTION LIEN LAW IS COMPLEX, AND IT IS RECOMMENDED THAT YOU CONSULT AN ATTORNEY.

18. MSFH jobs

WindowWall does not guarantee nor is responsible for any approvals or reimbursements for this program.

For complete instructions, guides, and resources for all processes involved with MSFH please refer to their website.

<https://mysafeflhome.com/>



410 S Ware Blvd, Suite 611, Tampa, FL 33619
(813) 649-8959 | www.windowwallfl.com
Florida License Number: SCC131151785




Custom Windows and Doors

NFRC Report

Quote # 8760395
 PO Number: 26-08075
 Job Name: edward schultz
 Job Address:

www.pgtwindows.com

Line #	Item Description	Quantity	Location
0001 (1.00)	SH5500 VINYL SINGLE HUNG 5500 42.X54.X.,STD,5/8" FL,W,EQUAL,7/8 LIG,CL,ARG,ES Max,NO GRID,DBL,SWEEP,1816K-BOXED,CMFRT LFT HNDL	Ordered: 1.00	Living Room - W
 <p>Certification Type: MIAMI Frame Type: .625FLANGE Window Style: STD Size Ref: ACTUAL Height: 54.0000 Rough Masonry: 43 3/4 X 55 Egress Opening: 37 3/4 X 22 3/8 (5.8578 SQFT) Balance Type: CONSTANT Interlayer Type: PVB090 Glass: 7/8" LIG (1/8 AN - 7/16 ARG -5/16 AN/AN Glass Color: CL - CLEAR Argon Gas: ARGON Grid Type: NONE - NO Grid Screen Type: 1816K - 1816 Charcoal Vent Latch: N Lock Type: SWEEP - Sweep Latch Comfort Lift: Y Lock Quantity: 2.0000 Boxing Options: BS - Box Screen Vent Ht: 26.6430 PositiveDesignPressure: 50.0000 PANumber: FL239 CondensationResistance: 59.0000 SolarHeatGainCoeff: 0.2100 VTCOG: 0.6200</p>		NOA Selection: 25-0520.01 Vent Configuration: EQUAL Size Selection: CUSTOM Width: 42.0000 Actual Size: 42 X 54 Wood Frame Opening: 42 1/4 X 54 1/4 Frame Color: W - White Glass Family: LI - Laminated Insulating Glass Makeup: LIA207AA5 Does unit need to meet Turtle Code: NO Low E: ENERGY SHIELD MAX Privacy Glass: NONE - NONE Reinf. Upgrade: NONE - None Screen Frame Type: ROLLFORM WOCD: N Upgrade Hardware Finish: N Lift Rail: N Anchor Group: C.HU54.55.1 Acc Glass Breakage: N CAR#: 25-0520.01 NegativeDesignPressure: 50.0000 EnergyStar: 1.0000 UF: 0.2900 VT: 0.4700 CPD: PGT-A-234-03848-00001	
0002 (2.00)	SH5500 VINYL SINGLE HUNG 5500 42.X54.X.,STD,5/8" FL,W,EQUAL,7/8 LIG,CL,ARG,ES Max,NO GRID,DBL,SWEEP,1816K-BOXED,CMFRT LFT HNDL	Ordered: 1.00	Living Room - W

Print Date 3/14/2026

Page 1 of 3



Certification Type: MIAMI
 Frame Type: .625FLANGE
 Window Style: STD
 Size Ref: ACTUAL
 Height: 54.0000
 Rough Masonry: 43 3/4 X 55
 Egress Opening: 37 3/4 X 22 3/8 (5.8578 SQFT)
 Balance Type: CONSTANT
 Interlayer Type: PVB090
 Glass: 7/8" LIG (1/8 AN - 7/16 ARG -5/16 AN/AN)
 Glass Color: CL - CLEAR
 Argon Gas: ARGON
 Grid Type: NONE - NO Grid
 Screen Type: 1816K - 1816 Charcoal
 Vent Latch: N
 Lock Type: SWEEP - Sweep Latch
 Comfort Lift: Y
 Lock Quantity: 2.0000
 Boxing Options: BS - Box Screen
 Vent Ht: 26.6430
 PositiveDesignPressure: 50.0000
 PANumber: FL239
 CondensationResistance: 59.0000
 SolarHeatGainCoeff: 0.2100
 VTCOG: 0.6200

NOA Selection: 25-0520.01
 Vent Configuration: EQUAL
 Size Selection: CUSTOM
 Width: 42.0000
 Actual Size: 42 X 54
 Wood Frame Opening: 42 1/4 X 54 1/4
 Frame Color: W - White
 Glass Family: LI - Laminated Insulating
 Glass Makeup: LIA207AA5
 Does unit need to meet Turtle Code: NO
 Low E: ENERGY SHIELD MAX
 Privacy Glass: NONE - NONE
 Reinf. Upgrade: NONE - None
 Screen Frame Type: ROLLFORM
 WOCD: N
 Upgrade Hardware Finish: N
 Lift Rail: N
 Anchor Group: C.HU54.55.1
 Acc Glass Breakage: N
 CAR#: 25-0520.01
 NegativeDesignPressure: 50.0000
 EnergyStar: 1.0000
 UF: 0.2900
 VT: 0.4700
 CPD: PGT-A-234-03848-00001

0003 (3.00) **SH5500** VINYL SINGLE HUNG 5500
 42.X54.X.,STD,5/8" FL,W,EQUAL,7/8 LIG,CL,ARG,ES Max,NO
 GRID,DBL,SWEEP,1816K-BOXED,CMFRT LFT HNDL

Ordered:
 1.00

Living Room - W



Certification Type: MIAMI
 Frame Type: .625FLANGE
 Window Style: STD
 Size Ref: ACTUAL
 Height: 54.0000
 Rough Masonry: 43 3/4 X 55
 Egress Opening: 37 3/4 X 22 3/8 (5.8578 SQFT)
 Balance Type: CONSTANT
 Interlayer Type: PVB090
 Glass: 7/8" LIG (1/8 AN - 7/16 ARG -5/16 AN/AN)
 Glass Color: CL - CLEAR
 Argon Gas: ARGON
 Grid Type: NONE - NO Grid
 Screen Type: 1816K - 1816 Charcoal
 Vent Latch: N
 Lock Type: SWEEP - Sweep Latch
 Comfort Lift: Y
 Lock Quantity: 2.0000
 Boxing Options: BS - Box Screen
 Vent Ht: 26.6430
 PositiveDesignPressure: 50.0000
 PANumber: FL239
 CondensationResistance: 59.0000
 SolarHeatGainCoeff: 0.2100
 VTCOG: 0.6200

NOA Selection: 25-0520.01
 Vent Configuration: EQUAL
 Size Selection: CUSTOM
 Width: 42.0000
 Actual Size: 42 X 54
 Wood Frame Opening: 42 1/4 X 54 1/4
 Frame Color: W - White
 Glass Family: LI - Laminated Insulating
 Glass Makeup: LIA207AA5
 Does unit need to meet Turtle Code: NO
 Low E: ENERGY SHIELD MAX
 Privacy Glass: NONE - NONE
 Reinf. Upgrade: NONE - None
 Screen Frame Type: ROLLFORM
 WOCD: N
 Upgrade Hardware Finish: N
 Lift Rail: N
 Anchor Group: C.HU54.55.1
 Acc Glass Breakage: N
 CAR#: 25-0520.01
 NegativeDesignPressure: 50.0000
 EnergyStar: 1.0000
 UF: 0.2900
 VT: 0.4700
 CPD: PGT-A-234-03848-00001

0004 (4.00) **SGD5570** VINYL SGD SERIES 5570
 109.X81.,BYPASS,3P3T,XXX,STD,3.5,W,1-1/16
 TLIG,CLEAR,ARG,ES Max,NO GRID,ALL

Ordered:
 1.00

Patio - SGD



Send Unit: COMPLETE
NOA Selection: 26-0126.03
Pnl/Trk: 3 Panel / 3 Track
Panel Stack: STD
Width: 109.0000
Actual Size: 109 X 81
Frame Color: W - White
Glass: 1-1/16" LIG (3/16 TMP-7/16ARG-7/16 AN/HS
Does unit need to meet Turtle Code: NO
Low E: ENERGY SHIELD MAX
Privacy Glass: NONE - NONE
Grid Type: NONE - NO Grid
Screen Panel Type: NONE
Handle Type: RAISED/RAISED
Lock/Handle Location: STD
Key Lock: N
Panel Opr Rlr: STSTEELTM Stainless Steel Tandem
Send frm w/snap on Nail Fin: N
Max Energy/Composite Reinf: N
CAR#: 26-0126.03
NegativeDesignPressure: 60.0000
EnergyStar: NONE
UF: 0.3100
VT: 0.4400
CPD: PGT-A-237-02469-00004

Certification Type: MIAMI
Door Configuration: BYPASS
Panel Configuration: XXX
Size Selection: CUSTOM
Height: 81.0000
Calc Track Length: 109.0000
Glass Makeup: LIT307AS7
Glass Family: LI - Laminated Insulating
Glass Color: CL - CLEAR
Argon Gas: ARGON
Interlayer Type: PVB090
Sill Riser Height: 3.5000
Send Screen Frame with Unit: N
Handle Color: W - White
Secondary Lock Type: NONE
Keyed Alike: N
Anchor Group: C.SG54.55.1
Boxing Options: N - None
Acc Glass Breakage: N
PositiveDesignPressure: 60.0000
PANumber: FL251
CondensationResistance: 58.0000
SolarHeatGainCoeff: 0.1900
VTCOG: 0.6300







Installation Checklist
Florida License Number: SCC131151785

Project Number: 8075
Date: 3/4/26

After today, your product will be ordered and until your product arrives to our warehouse, you will not hear from us with updates. If you need anything, give Operations a call at 813-649-8959 (Ext 3). We would be more than happy to update you on the status of your order.

Homeowner Responsibilities:

1. Removing blinds from each opening
2. All furniture moved 4 feet away from each opening
3. Removing any hanging items off of the wall

Possible Protection from the Homeowner:

1. Traffic areas of the rug
2. Cover all furniture
3. Items that could break from the area
4. Pets placed in a safe space

Alarms will be removed prior to installation
**WindowWall recommends upgrading to a wireless alarm system*

Initial: ES

Painting will not be performed inside or out

Initial: ES

Payment due upon substantial completion of installation
**Financing to be finalized if applicable*

Initial: ES

Homeowner's Association

- No HOA
- HOA Approval Required
- HOA Approval Needed but Windows Can Be Ordered

Initial: ES

Marble Stool Replacement/Installation

- N/A
- Yes: Amount of Windows: _____

Initial: ES

Color: Marbled White Tan
**Grain of marble will vary*

Plantation Shutters

- N/A
 - To be removed and reinstalled by WindowWall
 - To be removed and reinstalled by another party
- *Refer to section 15 in the contract about specifics*

Initial: ES

Blinds will be removed prior to installation

- N/A
- Blinds will fit back into the opening
- Blinds will NOT fit back into the opening

Initial: ES

No changes can occur after today to the order

Initial: ES

Purchaser's Printed Name: Edward L Schulte

Purchaser's Signature: Edward L Schulte

Date: 3/4/26

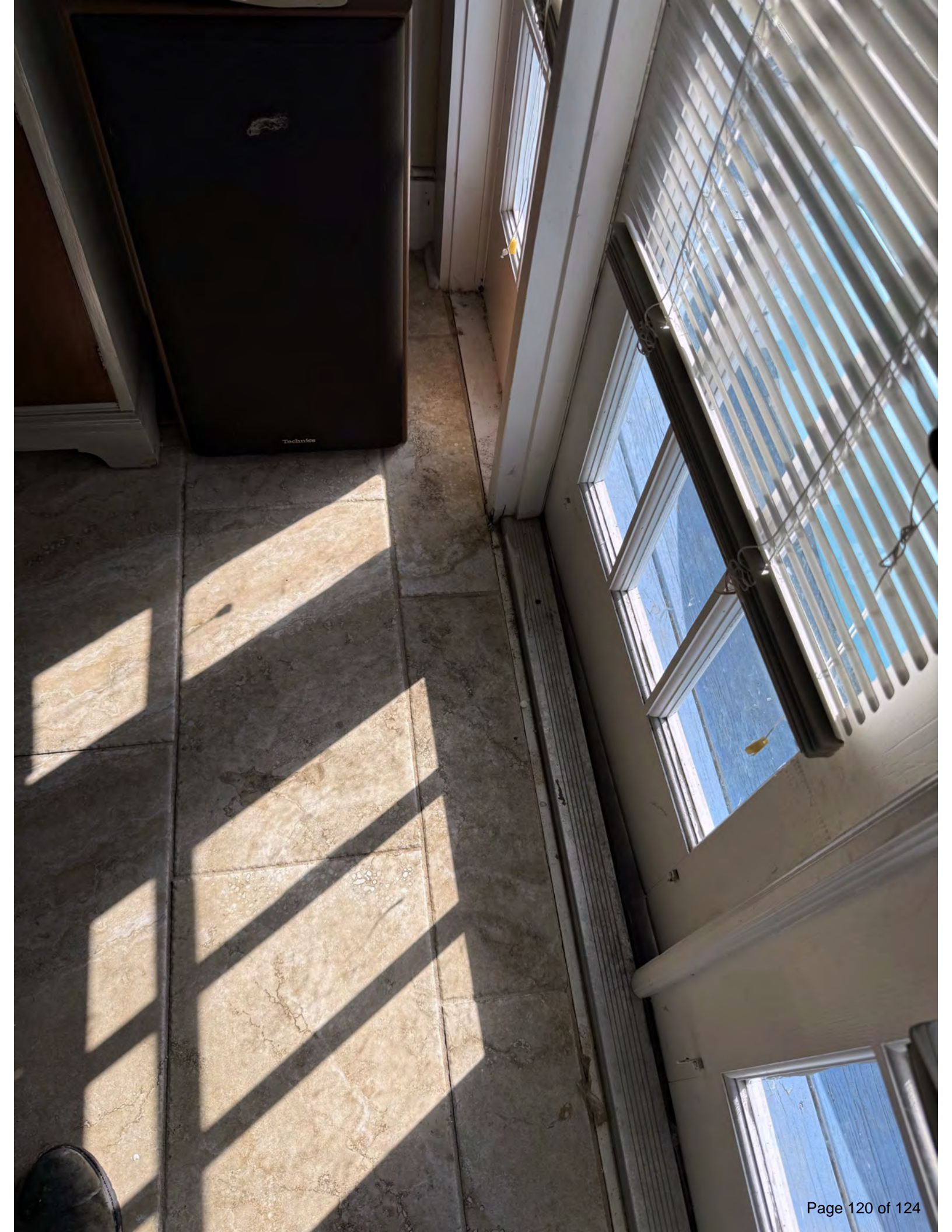
Measure Technician: APJ

Custom Grid Pattern and Notes













Original Use*	Present Use*	Proposed Use*
Single Family Residential	Single Family Residential	Single Family Residential

Roof Type*	Roof Material*	Exterior Siding Material*
Gable or hip	shingle	frame siding

Previous Additions or Modifications*

n/a

Description of Proposed Work*

size for size replacement of 3 windows and 1 sliding glass door. PGT impact white vinyl frames no grids

For Relocation or Demolition

Describe the property's physical condition, steps taken to save the property and whether renovation would be economically feasible.

Heritage Preservation Board (HPB) Review Standards

Please note, in reviewing an application for a Certificate of Appropriateness, the Board must consider the standards outlined in LDC [Section 109.01\(B\)](#).

Electronic Signature Agreement*

By checking the "I Agree" box below, you agree and acknowledge that **1)** this form will not be signed in the sense of a traditional paper document, **2)** by signing in this alternate manner, you authorize your signature on this form to be valid and binding to the same force and effect as a handwritten signature, and **3)** the information included in and with this form is completely true and correct to the best of your knowledge.

I Agree

Electronic Signature*

Date*

Eduardo Martinez	4/3/2026
------------------	----------

Steps to Download Form

1. Click the '**Print Only**' button below.
2. Your form will open in a new tab.
3. **Right click** on your mouse and **select 'Print'**.
4. Choose to print to '**PDF**'.
5. Save the form in your desired location.

Need help? Give the Planning Department a call at [727-942-5611](tel:727-942-5611).