

**DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)****CGI Windows & Doors, Inc.**
3780 W 104th Street,
Hialeah FL 33018**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 were 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 "7650" Vinyl Sliding Glass Door (Reinforced) w/wo 90° & 135° corners -L.M.I.**APPROVAL DOCUMENT:** Drawing No. **MD-7650.0 Rev B**, titled "Vinyl Sliding Glass Door NOA (LM)", sheets 1 through 21 of 21, prepared by manufacturer, dated 10/05/15 and revised on 02/01/21, signed and sealed by Anthony L. 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 table 2 (sheet 8) of this approved drawing set for applicable SGD unit sizes, design pressures, reinforcements types, glass types, sill riser (Table B-2 sheet 8) and anchor requirements.
2. Rigid White 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", 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 & renews NOA #20-0429.02** and consists of this page 1, and evidence pages E-1, E-2, E-3, E-4, E-5 & E-6, as well as approval document mentioned above.

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

*Ishaq I. Chanda***NOA No. 21-0205.01**
Expiration Date: April 14, 2026
Approval Date: March 25, 2021
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous NOA

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 11-0107.04)
2. Drawing No. **MD-7650.0**, titled "Vinyl Sliding Glass Door NOA (LM)", sheets 1 through 21 of 21, prepared by manufacturer, dated 10/05/15, with revision A dated 04/05/17, signed and sealed by Anthony L. Miller, P.E.

B. TESTS

1. Test report on
 - 1) Uniform Static Air Pressure Test, per FBC, TAS 202-94
 - 2) Large Missile Impact Test per FBC, TAS 201-94
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94along with marked-up drawings and installation diagram of vinyl sliding glass door, prepared by Fenestration Testing Lab, Inc., Test Report No. **FTL 8717**, dated 12/07/15, signed and sealed by Idalmis Ortega, P. E. (Test report revised on 02/15/16 and 02/24/16)
(Submitted under NOA No. 15-1210.01)
2. Test report on
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, 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, TAS 202-94along with marked-up drawings and installation diagram of vinyl sliding glass door, prepared by Fenestration Testing Lab, Inc., Test Report No. **FTL 8546**, dated 11/06/15, signed and sealed by Idalmis Ortega, P. E. (Test report revised on 01/04/16 and 02/11/2016)
(Submitted under NOA No. 15-1210.01)
3. Test report on
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, 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, TAS 202-94along with marked-up drawings and installation diagram of vinyl sliding glass door, prepared by Fenestration Testing Lab, Inc., Test Report No. **FTL 8547**, dated 12/04/15, signed and sealed by Idalmis Ortega, P. E. (Test report revised on 02/15/16)
(Submitted under NOA No. 15-1210.01)
4. Test report on
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, 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, TAS 202-94.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-0205.01
Expiration Date: April 14, 2026
Approval Date: March 25, 2021

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS (continued)

along with marked-up drawings and installation diagram of vinyl sliding glass door, prepared by Fenestration Testing Lab, Inc., Test Report No. **FTL 8548**, dated 12/04/15, signed and sealed by Idalmis Ortega, P. E. (Test report revised on 01/04/16 and 02/11/16)

(Submitted under NOA No. 15-1210.01)

5. Test report on
- 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, 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, TAS 202-94

along with marked-up drawings and installation diagram of vinyl sliding glass door, prepared by Fenestration Testing Lab, Inc., Test Report No. **FTL 8549**, dated 11/06/15, signed and sealed by Idalmis Ortega, P. E. (Test report revised on 12/04/15 and 02/11/16)

(Submitted under NOA No. 15-1210.01)

6. Test report on
- 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, 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 vinyl sliding glass door, prepared by Fenestration Testing Lab, Inc., Test Report No. **FTL 8652**, dated 12/04/15, signed and sealed by Idalmis Ortega, P. E. (Test report revised on 02/15/2016)

(Submitted under NOA No. 15-1210.01)

7. Test report on
- 1) Uniform Static Air Pressure Test, 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 vinyl sliding glass door, prepared by Fenestration Testing Lab, 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)

8. Test report on
- 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, 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, TAS 202-94

along with marked-up drawings and installation diagram of vinyl sliding glass door, prepared by Fenestration Testing Lab, 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. 11-0107.09)***

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-0205.01
Expiration Date: April 14, 2026
Approval Date: March 25, 2021

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS (*Submitted under NOA No. 15-1210.03*)

1. Anchor verification calculations and structural analysis, complying with FBC-2014, prepared by PGT, dated 12/09/15 and last revised on 02/15/16, signed and sealed by Anthony L. Miller, P.E.
2. Glazing complies with ASTM E-1300-09.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **15-0528.14** issued to Vision Extrusion Limited for their “**White Rigid PVC Exterior Extrusions for Windows and Doors**”, dated 08/13/15, expiring on 09/30/19.
2. Notice of Acceptance No. **16-0920.08** issued to Vision Extrusion Limited for their “**VE 1000 Tan 202 and lighter Shades (Non-White) Rigid PVC Exterior Extrusions for Windows and Doors**”, dated 12/08/16, expiring on 12/29/21.
3. Notice of Acceptance No. **15-0528.15** issued to Vision Extrusion Limited for their “**Brown Coated (Painted or Laminated) White Rigid PVC Exterior Extrusions for Windows and Doors**”, dated 08/13/15, expiring on 09/30/19.
4. Notice of Acceptance No. **16-0712.02** issued to ENERGI Fenestration Solutions USA, Inc. for their “**TAN 3040 and Lighter Shades (Non-White) Rigid PVC Exterior Extrusions for Windows and Doors**” dated 09/15/16, expiring on 02/04/21.
5. Notice of Acceptance No. **16-0712.04** issued to ENERGI Fenestration Solutions USA, Inc. for their “**Bronze and Lighter Shades of Cap Coated Rigid PVC Exterior Extrusions for Windows and Doors**” dated 09/15/16, expiring on 04/16/20.
6. Notice of Acceptance No. **16-0712.03** issued to ENERGI Fenestration Solutions USA, Inc. for their “**White Rigid PVC Exterior Extrusions for Windows and Doors**” dated 08/10/17, expiring on 02/28/18.
7. Test reports No(s). 10-002-792(A), 10-06-M0527, 535753-09, per ASTM E-84, ASTM D1929 and ASTM D-635, issued by EXOVA to Vision Extrusion for cellulosic composite material.
(Submitted under NOA No. 11-0107.04)
8. Notice of Acceptance No. **14-0916.11** issued to Kuraray America., Inc. for their “**SentryGlas® (Clear and White) Interlayer**”, expiring on 07/04/18.
9. Notice of Acceptance No. **16-1117.01** issued to Kuraray America, Inc. for their “**Trosifol® Ultraclear, Clear and Color PVB Interlayers**”, expiring on 07/08/19.

F. STATEMENTS

1. Statement letter of conformance with **FBC-5th Edition (2014)** and **FBC-6th Edition (2017)**, dated 08/10/17, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
2. Statement letter of “No financial interest”, dated 04/18/17, issued by manufacturer, signed & sealed by Lynn Miller, P.E.
3. RER Test Proposal No. 17-0387, dated 05/05/17, signed by Ishaq Chanda, P.E.
4. Private labeling agreement document in conformance of RER guideline dated 02/15/16.
(Submitted under NOA No. 15-0409.06)
5. Letter of laboratory compliance, part of the above test reports. Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-0205.01
Expiration Date: April 14, 2026
Approval Date: March 25, 2021

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHER

1. Notice of Acceptance No. **15-1210.03**, issued to CGI Windows and Doors, for their Series “**7600” Vinyl Sliding Glass Door (Reinforced) – LM.I.**”, expiring on 04/14/21.

2. Evidence Submitted under previous approval

A. DRAWINGS

1. Drawing No. **MD-7650.0 Rev B**, titled “Vinyl Sliding Glass Door NOA (LM)”, sheets 1 through 21 of 21, prepared by manufacturer, dated 10/05/15 and revised on 04/22/20, signed and sealed by Anthony L. Miller, P.E.

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

CGI Windows and Doors Inc. test specimens:

FTL-20-2108.1, CGI SH360 Aluminum Single Hung Window (unit 1 in proposal) **FTL-20-2108.2**, CGI CA238 Alum. Outswing Casement Window (unit 2 in proposal) **FTL-20-2108.3**, CGI SGD560 Aluminum Sliding Glass Door (unit 3 in proposal) **FTL-20-2108.4**, CGI PW410 Aluminum Fixed Window (unit 4 in proposal) and **FTL-20-2108.5**, CGI SH360 Aluminum Single Hung Window (unit 5 in proposal) all dated 08/24/20 and signed and sealed by Idalmis Ortega, P.E.

PGT Industries, Inc. test specimens:

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) all dated 07/13/20 and signed and sealed by Idalmis Ortega, P.E.

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.
2. Glazing complies with **ASTM E1300-04, -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. **19-0305.02** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear, and Color PVB Glass Interlayers**”, expiring on 07/08/24.
2. Notice of Acceptance No. **17-0808.02** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**”, expiring on 07/04/23.
3. Notice of Acceptance No. **18-1106.10** issued to Vision Extrusions Limited for their “**Brown Coated (Painted or Laminated) White Rigid PVC Exterior Extrusions for Windows and Doors**”, expiring on 09/30/24.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-0205.01
Expiration Date: April 14, 2026
Approval Date: March 25, 2021

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS (continue)

4. Notice of Acceptance No. **18-1106.11** issued to Vision Extrusions Limited for their series “**VE 1000 Tan 202 and lighter shades (Non-White) Rigid Cellular PVC Exterior Extrusions for Windows and Doors**”, expiring on 12/29/21.
5. Quanex Part **Super Spacer Standard** complying with ASTM C518 Thermal Conductivity 0.881 BTU-in/ hr.-ft²-°F, ASTM F 1249 WVTR-Pass, ASTM D3985 Oxygen-Pass, ASTM E 2190 I.G. Durability-No Fog-Pass. *(Submitted under previous NOA No. 15-0409.05)*
6. Quanex Part **Duraseal** complying with ASTM C518 Thermal Conductivity 2.22 BTU-in/ hr.-ft²-°F, ASTM F 1249 WVTR-Pass, ASTM D 1434 Argon Permeance-Pass, ASTM E 2189 I.G. Durability-No Fog, ASTM E 546 Dew Point Development -20°F in 48 hrs. *(Submitted under NOA No. 15-0409.05).*
7. Vision Extrusions, Ltd. Parts complying with PVC-AAMA 303-13, Voluntary Specification for Rigid Polyvinyl Chloride (PVC) Exterior Profiles for Vision Extrusions, Ltd.-VEX-1 by AAMA Fenestration Exterior Profile Certification Program. *(per NOA No. 15-0409.05)*
8. Vision Extrusions, Ltd. Parts complying with PVC-AAMA 303-13. *(Submitted under NOA No. 15-0409.05)*
9. PVC-AAMA 303-13, Voluntary Specification for Rigid Polyvinyl Chloride (PVC) Exterior Profiles for Vision Extrusions, Ltd.-VEX-1 by AAMA Fenestration Exterior Profile Certification Program.
10. Notice of Acceptance No. **18-1217.14** issued to Energi Fenestration Solution, USA, Inc. for their “**Tan 3040 & light shade (non-white) White Rigid PVC Exterior Extrusions for Windows and Doors**”, expiring on 02/04/21.
11. Notice of Acceptance No. **18-0122.02** issued to Energi Fenestration Solution, USA, Inc. for their series “**White Rigid PVC Exterior Extrusions for Windows and Doors**”, expiring on 02/28/23.
12. Notice of Acceptance No. **20-0203.03** issued to Energi Fenestration Solution, USA, Inc. for their “**Bronze & light shade cap coated White Rigid PVC Exterior Extrusions for Windows and Doors**”, expiring on 04/16/25.

F. STATEMENTS

1. Statement letter of conformance to **FBC 7th Edition (2020)**, dated 04/22/20, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
2. Statement letter of no financial interest and of independent, issued by manufacturer, dated 04/18/20, signed and sealed by Anthony Lynn Miller, P.E.
3. Private Labeling Agreement document between PGT, dated 03/30/15 and signed by all involved parties

G. OTHERS

1. This NOA **revises NOA# 17-0428.08** (PVT w/PGT) and updates to FBC 2020 (7th Edition), expiring 04/14/21.
2. The current associated PVT PGT file #20-0429.05, expiring 04/14/21.
3. RER Test proposals #**19-1155** dated 01/10/20 approved by Ishaq I. Chanda, P.E, expiring 04/14/21.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-0205.01
Expiration Date: April 14, 2026
Approval Date: March 25, 2021

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. New Evidence Submitted

A. DRAWINGS

1. Drawing No. **MD-7650.0 Rev B**, titled “Vinyl Sliding Glass Door NOA (LM)”, sheets 1 through 21 of 21, prepared by manufacturer, dated 10/05/15 and revised on 02/01/21, signed and sealed by Anthony L. Miller, P.E.

Note: This revision consists replacement of same existing installation screw with flat head.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

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**”, expiring on 07/08/24.
2. Notice of Acceptance No. **17-0808.02** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**”, expiring on 07/04/23.
3. Notice of Acceptance No. **18-1106.10** issued to Vision Extrusions Limited for their “**Brown Coated (Painted or Laminated) White Rigid PVC Exterior Extrusions for Windows and Doors**”, expiring on 09/30/24.
4. Notice of Acceptance No. **18-1106.11** issued to Vision Extrusions Limited for their series “**VE 1000 Tan 202 and lighter shades (Non-White) Rigid Cellular PVC Exterior Extrusions for Windows and Doors**”, expiring on 12/29/21.

F. STATEMENTS

1. Statement letter of conformance to **FBC 7th Edition (2020)**, dated 02/01/21, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
2. 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.

G. OTHERS

1. This NOA **revises & renews NOA# 20-0429.02** (PLA w/PGT), expiring 04/14/26.
2. The current associated PLA PGT file **#21-0205.03**, expiring 04/14/26.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-0205.01
Expiration Date: April 14, 2026
Approval Date: March 25, 2021

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

GENERAL NOTES:

- 1) GLAZING TYPE OPTIONS: SEE GLAZING DETAILS ON SHEET 10.
2) DESIGN PRESSURES:
A. NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS PER ASTM E1300.
B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS PER ASTM E1300.
C. DESIGN LOADS ARE BASED ON ALLOWABLE STRESS DESIGN, ASD.
3) 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).
4) SHUTTERS ARE NOT REQUIRED PER FBC REQUIREMENTS, AS APPLICABLE.
5) 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.
6) REFERENCES (NOA'S): ELCO ULTRACON, DEWALT/ELCO CRETEFLEX & AGGRE-GATOR ANCHOR NOA'S, ENERGI FENESTRATION SOLUTIONS USA, INC. OR 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; EXOVA-10-002-792(A) & 10-006-10231; CAMBRIDGE 535753-09;
7) 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 ENERGI FENESTRATION SOLUTIONS USA, INC. OR VISION EXTRUSION, LTD. HAS BEEN TESTED TO COMPLY WITH THE FLORIDA BUILDING CODE FOR PLASTICS, (COMPONENT REQUIREMENTS).
8) DOOR SIZES MUST BE VERIFIED FOR COMPLIANCE WITH EGRESS REQUIREMENTS OF THE FBC, AS APPLICABLE.
9) DRAWINGS DEPICT EXTERIOR-GLAZING, HOWEVER INTERIOR-GLAZING MAY BE SUBSTITUTED.
10) THE 5570 SERIES SLIDING GLASS DOOR MAY ALSO BE KNOWN AS THE 570/2770 SERIES.

ANCHOR NOTES:

- 1) FOR CONCRETE/CMU SUBSTRATE APPLICATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED ELCO ANCHORS. SEE TABLE A ON THIS SHEET FOR EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS.
2) FOR OTHER SUBSTRATE APPLICATIONS SEE TABLE A ON THIS SHEET.
3) 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.
4) METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER THE FBC AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
5) 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.

INSTRUCTIONS:

- 1) 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.
2) 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.
3) 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.
4) 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.
5) INSTALL AS PER THE GUIDELINES OF THIS SHEET-SET.
6) ADDITIONALLY, SEE THE EXAMPLE ON SHEET 9.

IMPACT RATING
RATED FOR LARGE & SMALL
MISSILE IMPACT RESISTANCE

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

TABLE A:

Group	Anchor	Substrate	Frame Member	Min. Edge Distance	Min. Embedment
A	#12, steel SMS (G5) or 410 S.S. SMS (min. 11 threads/in)	P.T. Southern Pine, (SG=0.55)	Head/Sill/Jamb/P-hook	9/16"	1-3/8"
		Aluminum, 6063-T5* (0.125" min.)	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*, (0.071" min.)	Head/Sill/Jamb/P-hook	3/8"	0.071" (14 Ga.)
	1/4" Elco Ultracon	P.T. Southern Pine, (SG=0.55)	Head/Sill/Jamb/P-hook	1"	1-3/8"
	1/4" DeWalt Ultracon+		Jamb	1"	1-3/8"
	1/4" Elco 410 S.S. CreteFlex		Head/Sill/Jamb/P-hook	1"	1-3/8"
B	#12, steel wood screw (G5)	P.T. Southern Pine, (SG=0.55)	Head/Sill/Jamb/P-hook	9/16"	1-3/8"
C	1/4" Elco Ultracon	Concrete, (min. 2.85 ksi)	P-hook	1"	1-3/8"
			Head/Sill/Jamb	1-3/16"	1-3/8"
		UngROUTED CMU, (ASTM C-90)	Jamb/P-hook	1"	1-1/4"
	1/4" DeWalt Ultracon+	Concrete, (min. 3 ksi)	Head/Sill/Jamb	1-1/2"	1-3/8"
			P-hook	1"	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"
			Head/Sill/Jamb	1-3/16"	1-3/4"
		Concrete, (min. 3.35 ksi)	P-hook	1"	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.T. Southern Pine, (SG=0.55)	Head/Sill/Jamb/P-hook	1"	1-3/8"
D	1/4" Elco Ultracon	Concrete, (min. 2.85 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 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	2-1/2"	1-3/4"
			P-hook	2-1/2"	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.

"UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.

ALL ANCHOR HEAD TYPES APPLICABLE.

FOR THE MINIMUM STRENGTHS OF ANCHORS AND SUBSTRATES, SEE TABLE F, SHEET 21.

CODES / STANDARDS USED:

- 2020 FLORIDA BUILDING CODE (FBC), 7TH EDITION
- ASTM E1300-09
- ANSI/AF&PA NDS-2018 FOR WOOD CONSTRUCTION
- ALUMINUM DESIGN MANUAL, ADM-2015
- 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 LOCATIONS.....	11-16
PANEL TYPES.....	17
EXTRUSIONS.....	18
ACCESSORIES.....	19
SCREEN DETAILS.....	20
PARTS LIST.....	21



Impact Resistant
Windows & Doors
WE'RE STRONGER™

CGI Windows and Doors, Inc.
3780 W. 104th Street Hialeah, FL 33018
Tel: 305.593.6590

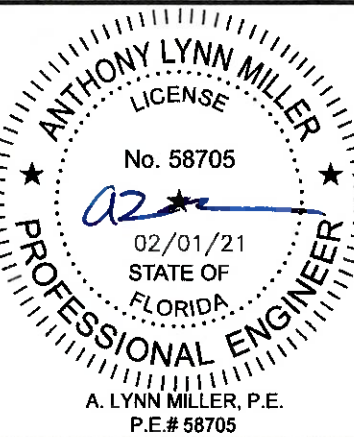
PREP. BY: A. LYNN MILLER, P.E.
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

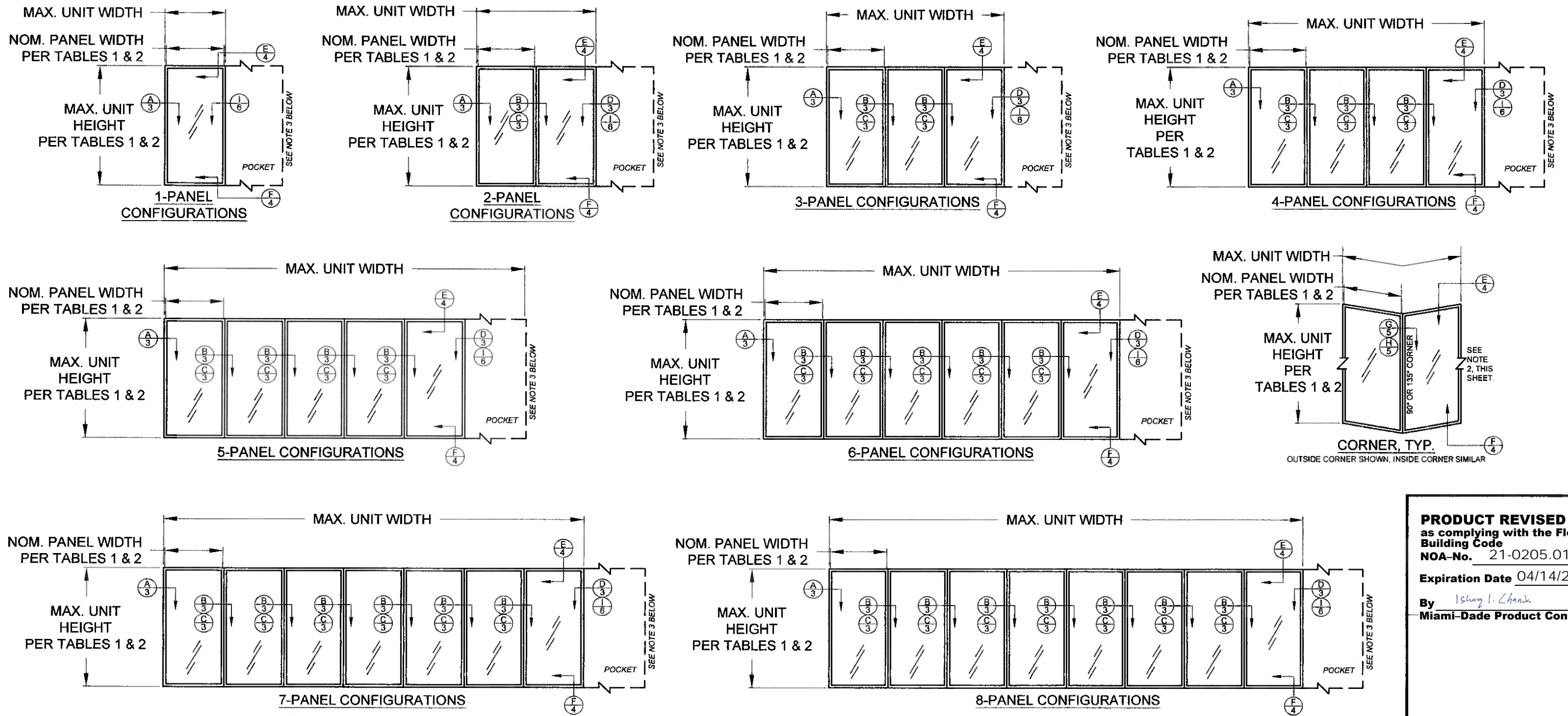
Title	VINYL SLIDING GLASS DOOR NOA (LM)	Date	10/05/15
Desc.	GENERAL NOTES	Drawn By	J ROSOWSKI
Rev.	B) REV. ANCH. HEAD SHEETS 3, 4 & 6	Rev. Date	01/27/21
Series	SGD-7650	Scale	NTS
Sheet	1 OF 21	DWG No.	MD-7650.0
Rev. No.	B		

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-0205.01

Expiration Date 04/14/2026

By Ishag I. Chande
Miami-Dade Product Control





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

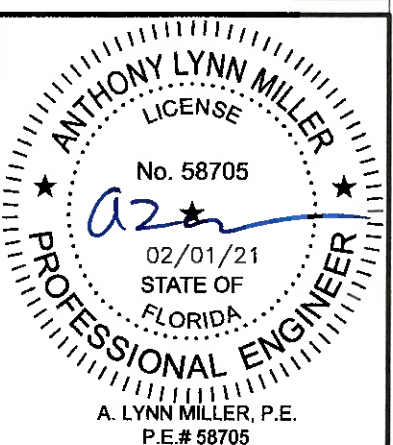
DLO WIDTH = NOM. PANEL WIDTH - 8-9/16"
NOM. PANEL WIDTH = PANEL WIDTH + 1-3/16"
DLO HEIGHT = DOOR HEIGHT - 11-1/16"
PANEL HEIGHT = DOOR HEIGHT - 2-1/2"

DETAIL LETTER
SHEET NUMBER

Impact Resistant Windows & Doors
WE'RE STRONGER™
CGI Windows and Doors, Inc.
3780 W. 104th Street Hialeah, FL 33018
Tel: 305.593.6590
PREP. BY: A. LYNN MILLER, P.E.
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

Series	SGD-7650	Scale	NTS	Sheet	2 OF 21	DWG No.	MD-7650.0	Rev. No.	B
Title	VINYL SLIDING GLASS DOOR NOA (LM)					Date	10/05/15		
Desc.	EXAMPLE CONFIGURATIONS					Drawn By	J ROSOWSKI		
Rev.	B) NO CHANGES THIS SHEET.					Rev. Date	01/27/21		

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-0205.01
Expiration Date 04/14/2026
By *Ishag I. Chande*
Miami-Dade Product Control



DETAIL A1
THRU 1X WOOD
INTO MASONRY

DETAIL B1
ASTRAGAL
FACING EXT.

DETAIL C1
INTERLOCK

DETAIL D1
INTO METAL

METAL TYP., SEE ANCHOR
NOTE 4, SHEET 1; MIN. OF 3
THREADS BEYOND THE
METAL SUBSTRATE

CONCRETE/CMU PER
ANCHOR REQUIREMENT

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

EMBEDMENT

EDGE
DISTANCE

ANCHOR
PLATE AT
EVERY
ANCHOR
LOCATION

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

1/4" MAX.

DAYLIGHT
OPENING
WIDTH

SEE NOTE 6, THIS SHEET

HORIZONTAL SECTION (XXX SHOWN)

FRAME WIDTH

REQUIRED IF DOOR
HEIGHT IS OVER 96"

94 MAX 28" O.C.

INTERIOR

EXTERIOR

SEE NOTE 6,
THIS SHEET

#8 X 3/4" SMS REINFORCEMENT SCREW; 7
PER STILE, LOCATED AT CENTERLINE AND 6",
9" & 12" FROM ENDS (FACTORY INSTALLED).

EMBEDMENT

EDGE
DISTANCE

EDGE
DISTANCE

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

DETAIL A2
INTO 2X 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, BELOW

EDGE
DISTANCE

1/4" MAX.

EMBEDMENT

DAYLIGHT
OPENING
WIDTH

(4) THRU KEEPER @ MAX
3.5" O.C., SEE SHEET 19

DETAIL C2
INTERLOCK

DETAIL D2
INTO MASONRY

REQUIRED IF DOOR
HEIGHT IS OVER 96"

SEE NOTE 6, THIS SHEET

PANEL WIDTH

HORIZONTAL SECTION (XO SHOWN)

EMBEDMENT
1/4" MAX.

EDGE
DISTANCE

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

CONCRETE/CMU PER
ANCHOR REQUIREMENT
FIXED PANEL CLIP &
ANCHORS, SEE
DETAIL SHEET 19

DETAIL B2
ASTRAGAL
FACING INT.

INTERIOR

EXTERIOR

ASTRAGAL MAY BE
INSTALLED IN EITHER
INTERIOR OR
EXTERIOR DIRECTION.
ALL PARTS IDENTICAL.

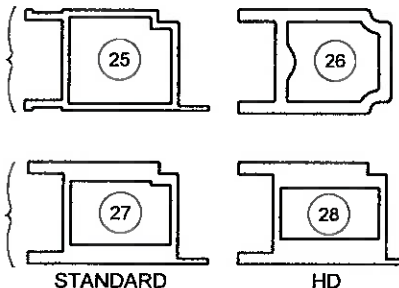
NOTES

- 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.

REINFORCEMENT TYPES (SEE NOTE 6, THIS SHEET)

FOR ALL LOCKSTILES,
ASTRAGALS, FIXED
STILES AND
HORIZONTAL RAILS

FOR
INTERLOCKS
ONLY



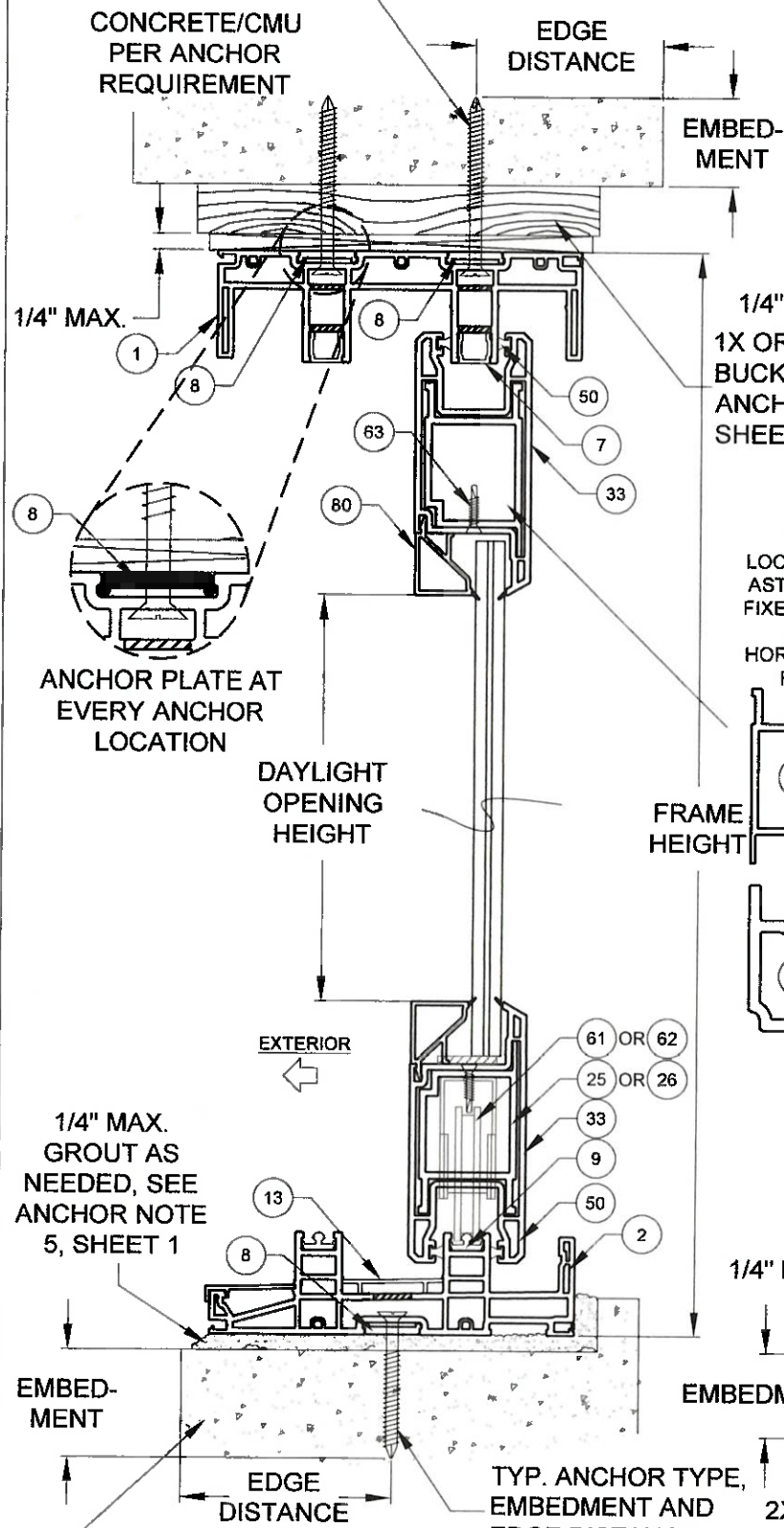
**Impact Resistant
Windows & Doors**
WE'RE STRONGER™

CGI Windows and Doors, Inc.
3780 W. 104th Street Hialeah, FL 33018
Tel: 305.593.6590
PREP. BY: A. LYNN MILLER, P.E.
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

Rev.	VINYL SLIDING GLASS DOOR NOA (LM)															Date	10/05/1														
Desc.	INSTALLATION, HORIZONTAL X-SECT.															Drawn By	J ROSOWSK														
Rev.	B) REV. ANCH. HEAD SHEETS 3, 4 & 6															Rev. Date	01/27/2														
Rev.																Rev. Date															
Series	SGD-7650					Scale	NTS					Sheet	3 OF 21					DWG No.	MD-7650.0					Rev. No.	E						

DETAIL E1 INTO MASONRY 1X BUCKSTRIP

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



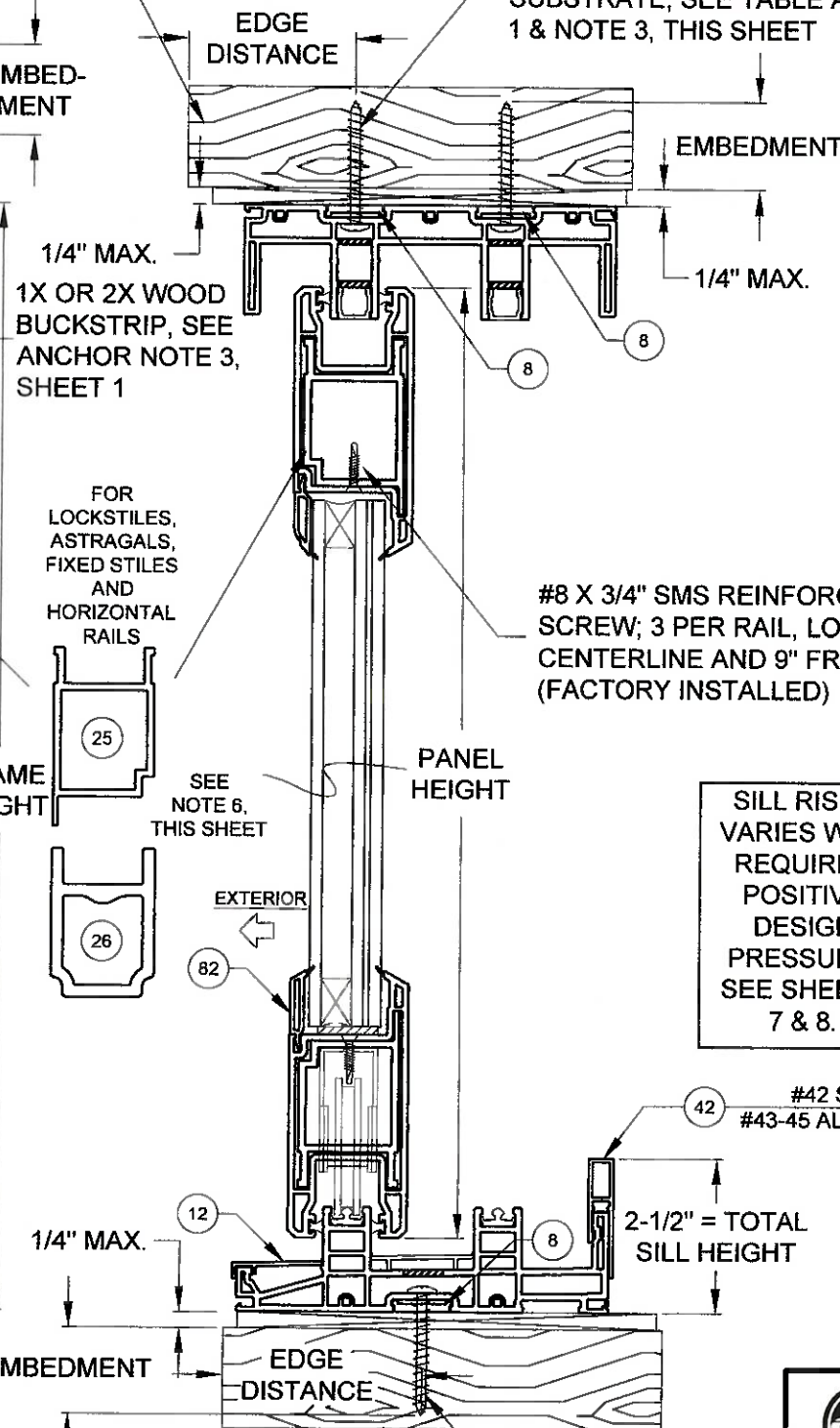
DETAIL F1 INTO MASONRY

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

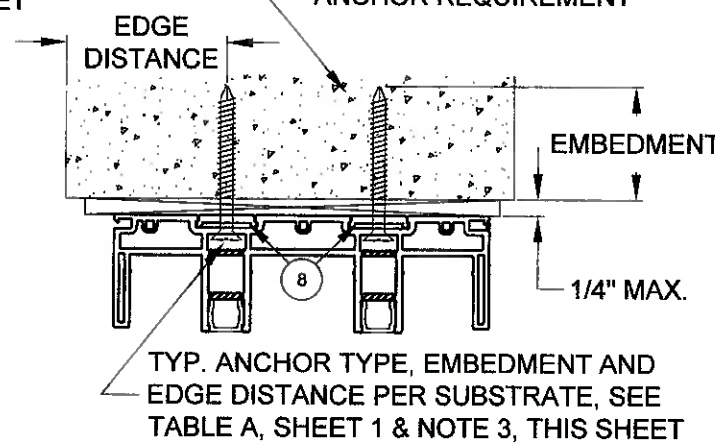


DETAIL F2 INTO WOOD

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

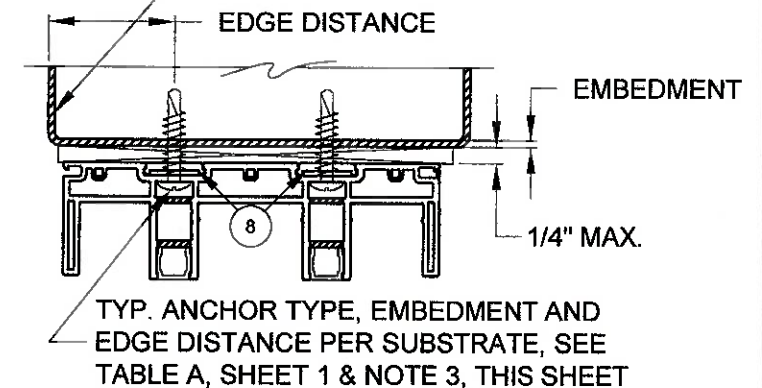
DETAIL E3 INTO MASONRY

CONCRETE/CMU PER ANCHOR REQUIREMENT



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

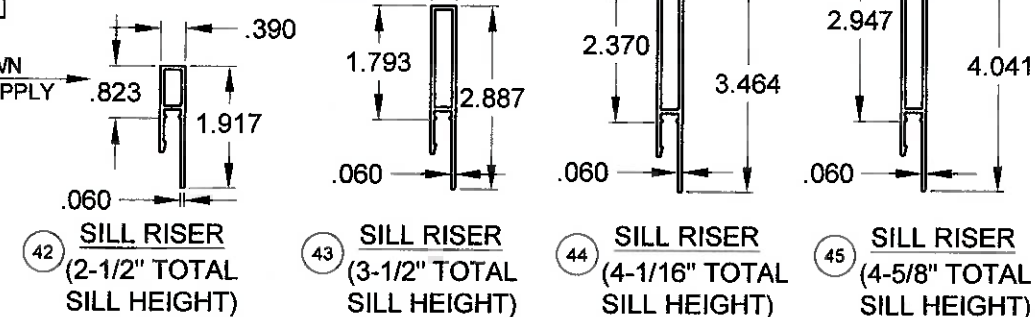


NOTES

- 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.

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.

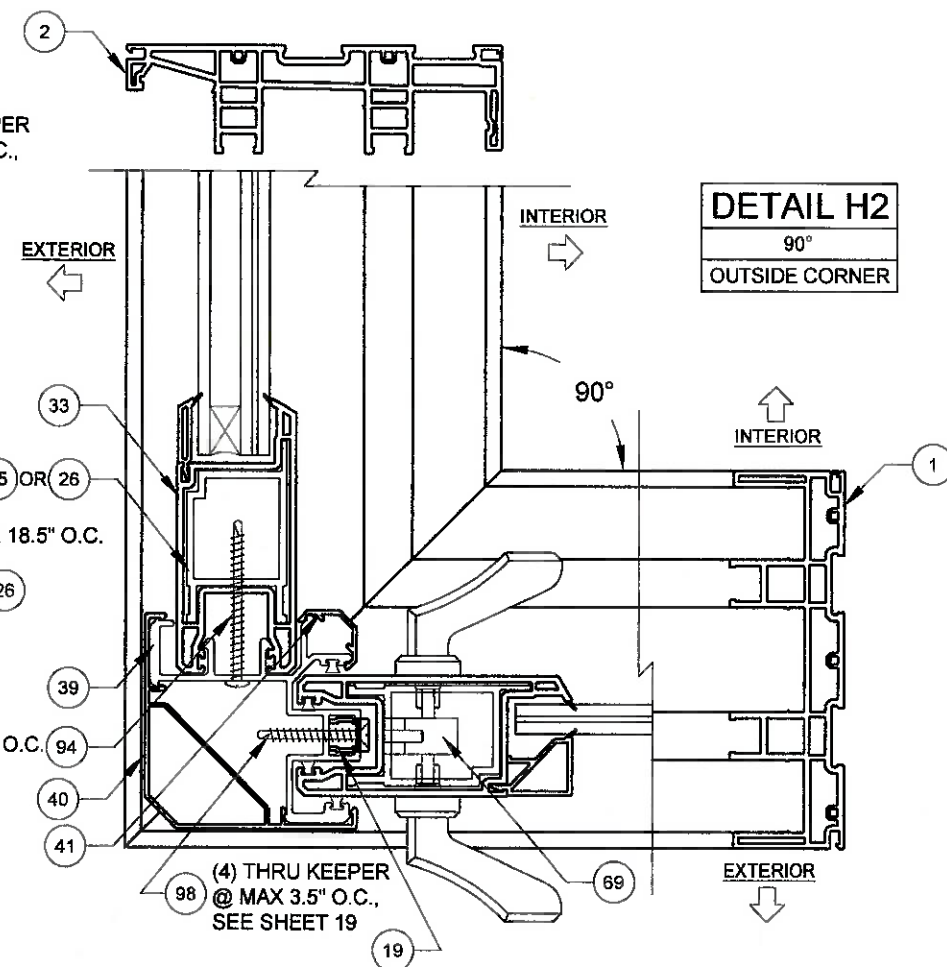
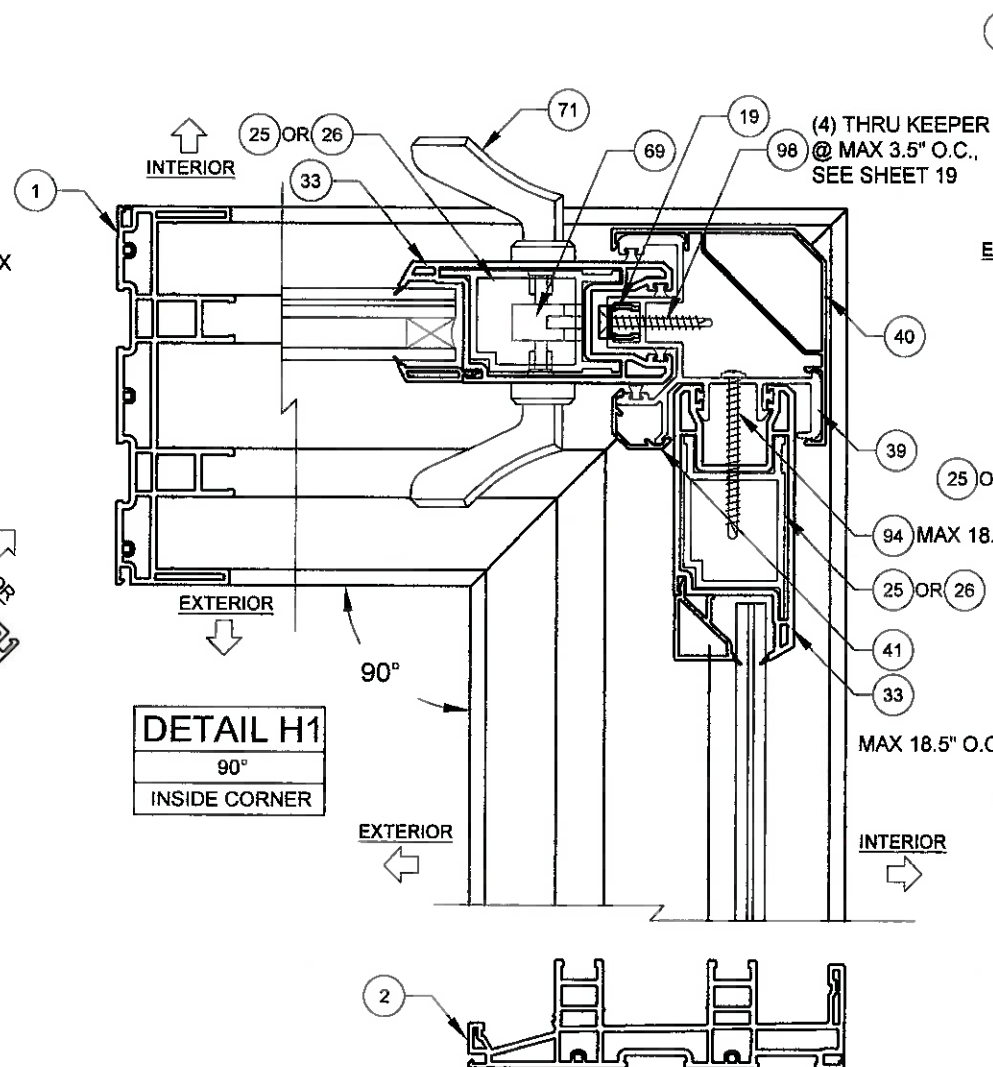
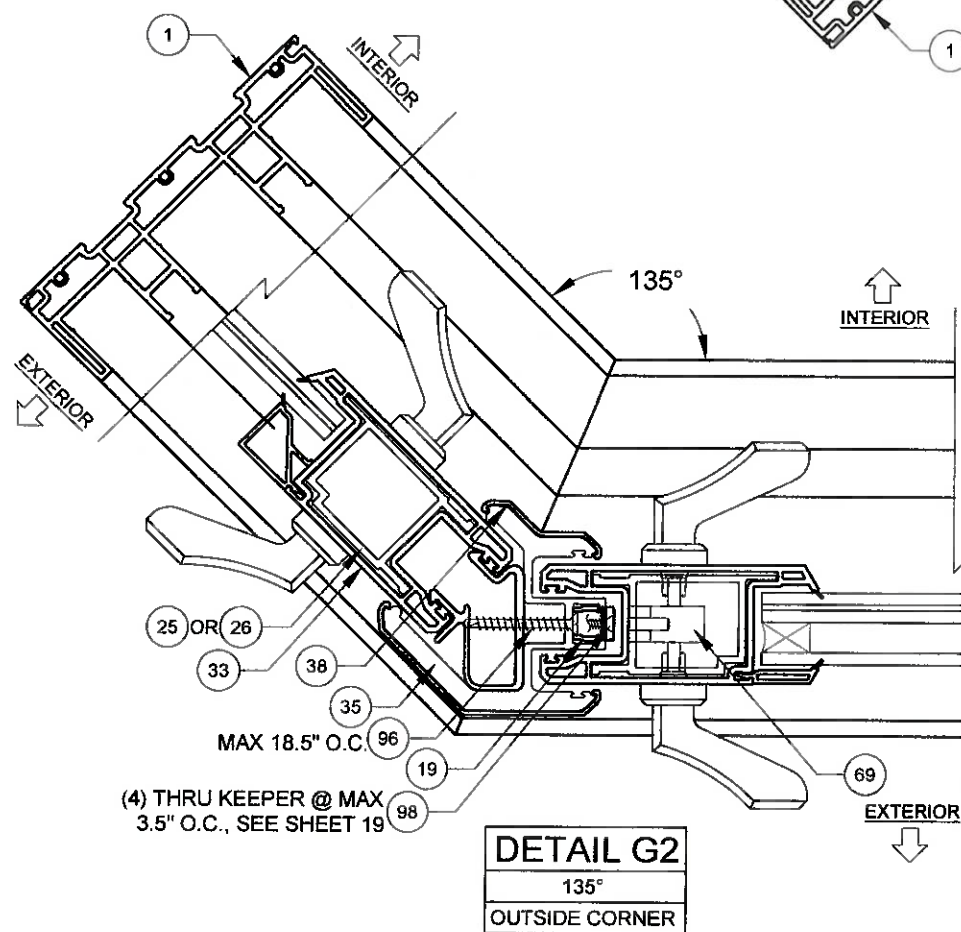
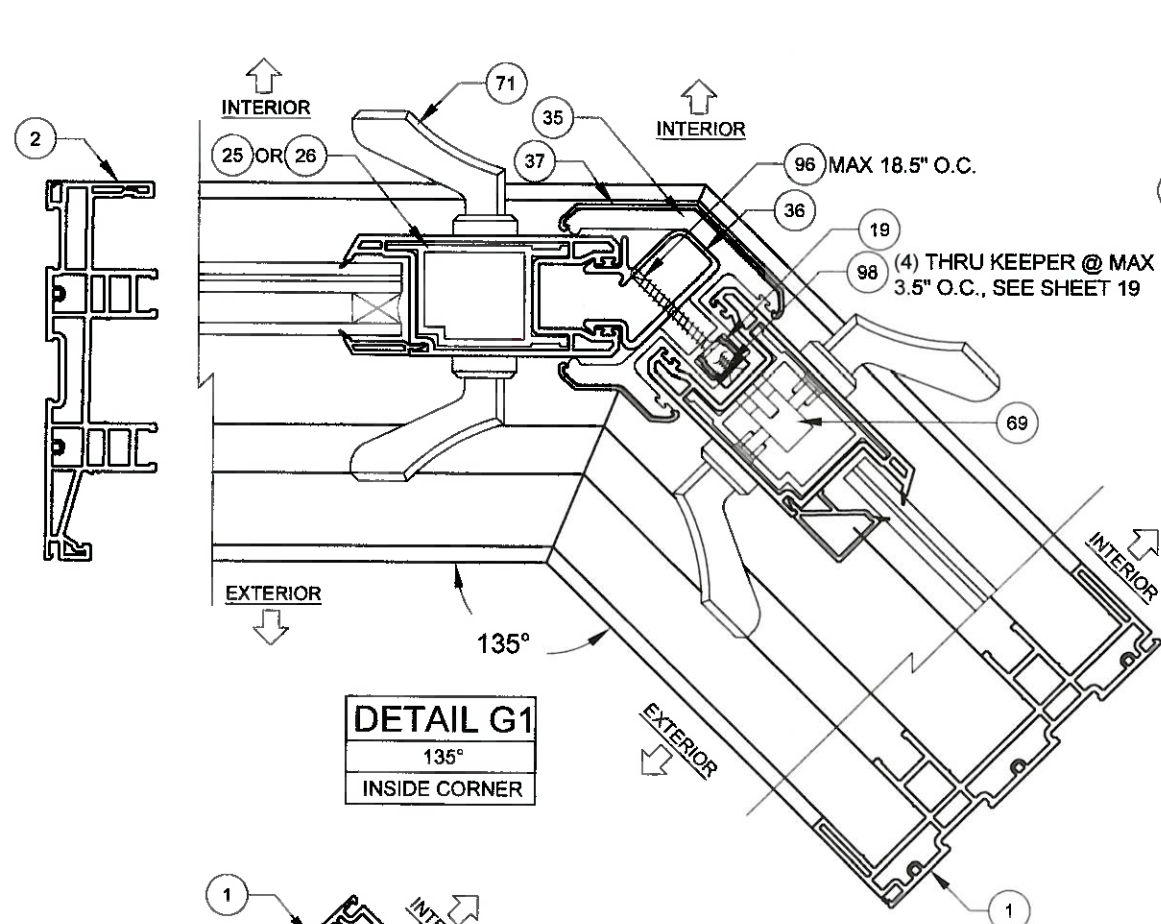


Impact Resistant Windows & Doors
WERE STRONGER™
CGI Windows and Doors, Inc.
3780 W. 104th Street Hialeah, FL 33018
Tel: 305.593.6590
PREP. BY: A. LYNN MILLER, P.E.
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

Rev.	Desc.	Date
1	VINYL SLIDING GLASS DOOR NOA (LM)	10/05/15
2	INSTALLATION, VERTICAL X-SECT.	Drawn By J ROSOWSKI
3	B) REV. ANCH. HEAD SHEETS 3, 4 & 6	Rev. Date 01/27/21
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
71		
72		
73		
74		
75		
76		
77		
78		
79		
80		
81		
82		
83		
84		
85		
86		
87		
88		
89		
90		
91		
92		
93		
94		
95		
96		
97		
98		
99		
100		

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 21-0205.01
Expiration Date 04/14/2026
By *Ishag I. Chande*
Miami-Dade Product Control

ANTHONY LYNN MILLER
LICENSE
No. 58705
02/01/21
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



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.



Impact Resistant Windows & Doors WE'RE STRONGER™

CGI Windows and Doors, Inc.
3780 W. 104th Street Hialeah, FL 33018
Tel: 305.593.6590

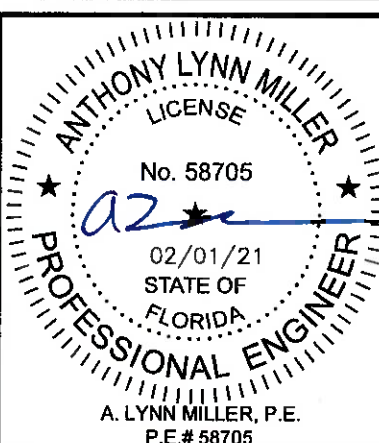
PREP. BY: A. LYNN MILLER, P.E.
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

Series	SGD-7650	Scale	NTS	Sheet	5 OF 21	DWG No.	MD-7650.0	Rev. No.	B
Rev.		Rev.		Rev.		Rev.		Rev.	
Desc.	VINYL SLIDING GLASS DOOR NOA (LM)					Date	10/05/15		
Rev.	CORNER ASTRAGAL HORIZ. X-SECT.					Drawn By	J ROSOWSKI		
Rev.	B) NO CHANGES THIS SHEET.					Rev. Date	01/27/21		

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-0205.01

Expiration Date 04/14/2026

By *Ishag I. Chande*
Miami-Dade Product Control



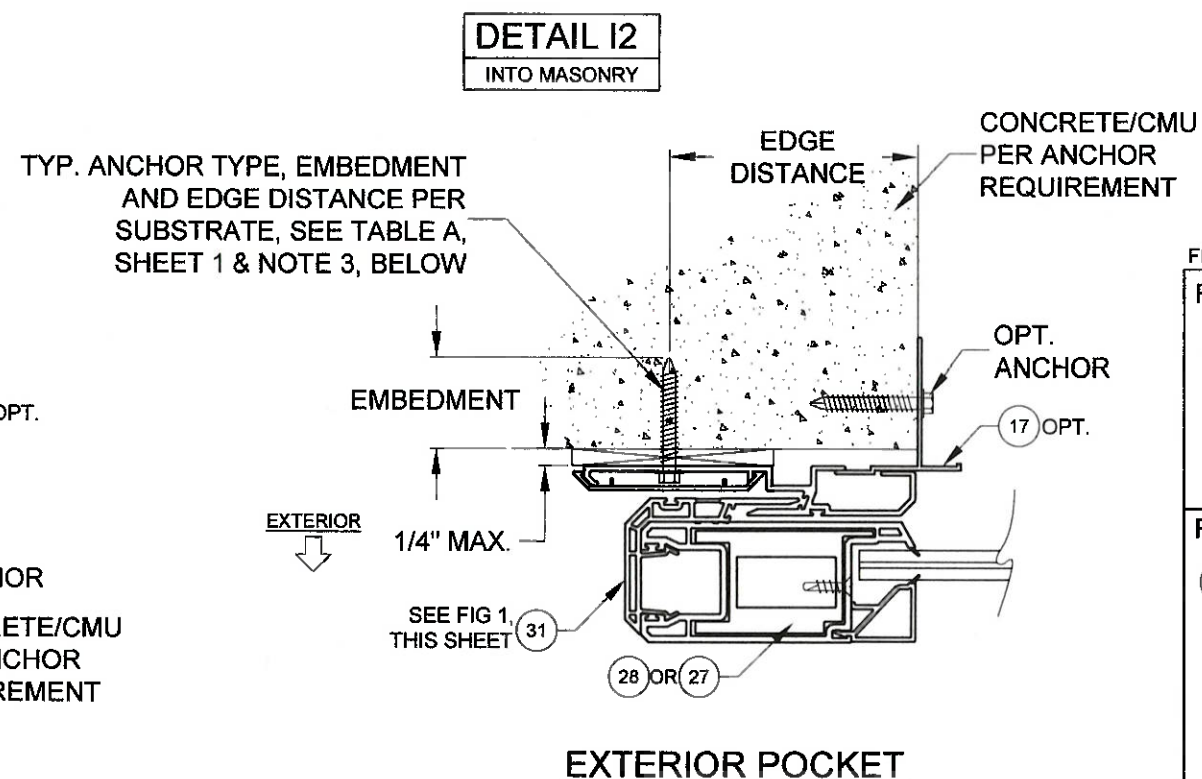
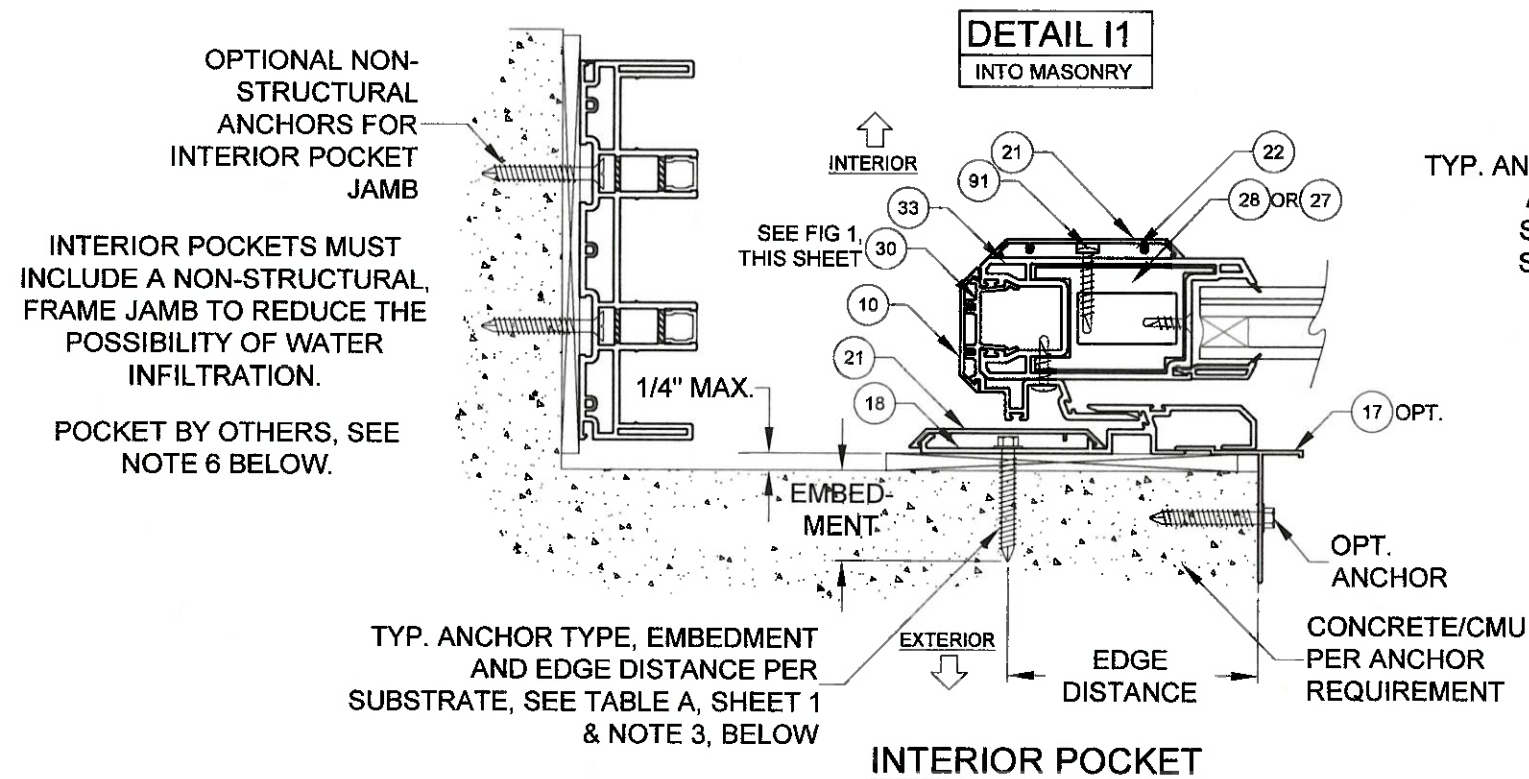
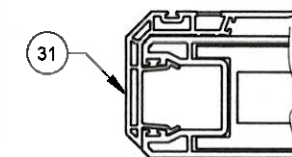
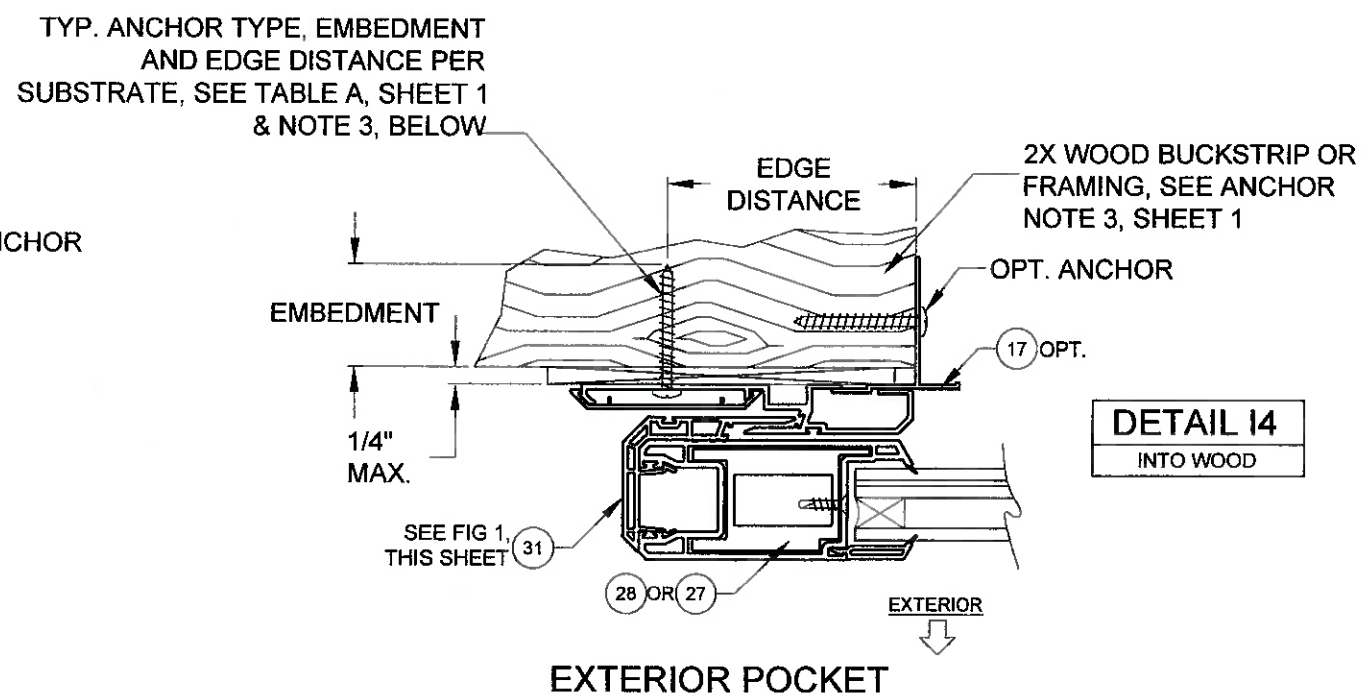
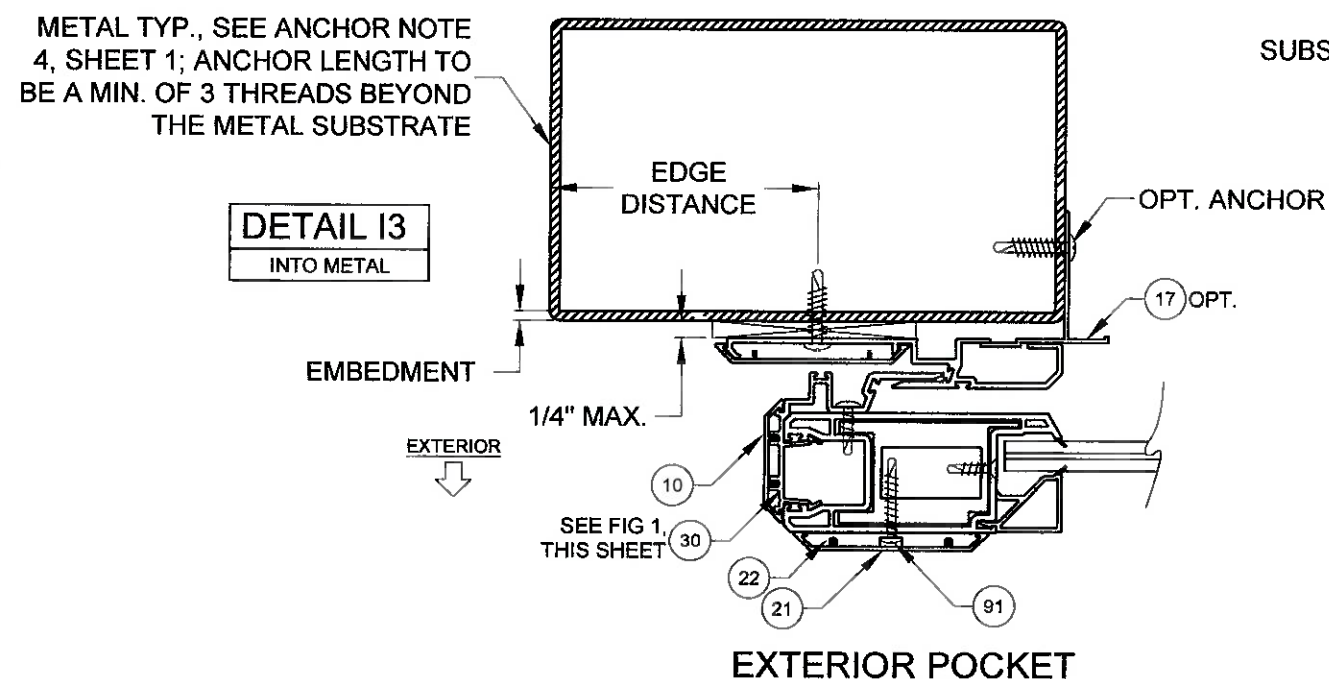
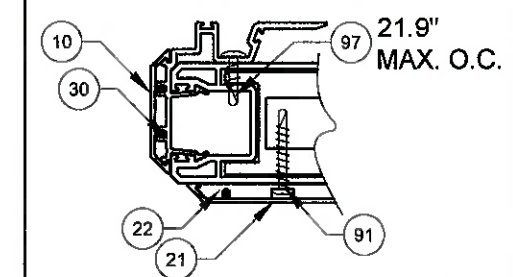


FIGURE 1, INTERLOCKS AT POCKETS:
FOR DOOR HEIGHTS 96" AND LESS:



FOR DOOR HEIGHTS OVER 96"



PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 21-0205.01
Expiration Date 04/14/2026
By *Ishag I. Chande*
Miami-Dade Product Control

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.



Impact Resistant Windows & Doors
WE'RE STRONGER™

CGI Windows and Doors, Inc.
3780 W. 104th Street Hialeah, FL 33018
Tel: 305.593.6590

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

Series	SGD-7650	Scale	NTS	Sheet	6 OF 21	DWG No.	MD-7650.0	Rev. No.	E
Title	VINYL SLIDING GLASS DOOR NOA (LM)							Date	10/05/1
Desc.	P-HOOK EXAMPLES, HORIZ. X-SECT.					Drawn By	J ROSOWSK		
Rev.	B) REV. ANCH. HEAD SHEETS 3, 4 & 6							Rev. Date	01/27/2
Rev.								Rev. Date	

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

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

Water-Limited (+) Design Pressure		
Sill Riser	Nom. Sill Height	Max. (+) DF 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

OH HEIGHT	OH LENGTH
DOOR ASSEMBLIES INSTALLED WHERE OVERHANG (OH) IS EQUAL TO OR GREATER THAN THE OVERHANG EXEMPTED FROM INFILTRATION RES.	

 **Impact Resistant
Windows & Doors**
WE'RE STRONGER™

CGI Windows and Doors, Inc.
3780 W. 104th Street Hialeah, FL 33018
Tel: 305.593.6590

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

Title	VINYL SLIDING GLASS DOOR NOA (LM)						Date	10/05/15	
	Desc.					Drawn By	J ROSOWSKI		
Rev.	B) NO CHANGES THIS SHEET.						Rev. Date	01/27/21	
Rev.							Rev. Date		
Series	SGD-7650	Scale	NTS	Sheet	7 OF 21	DWG No.	MD-7650.0	Rev. No.	B

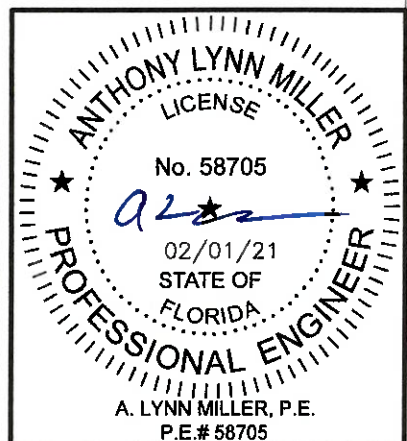
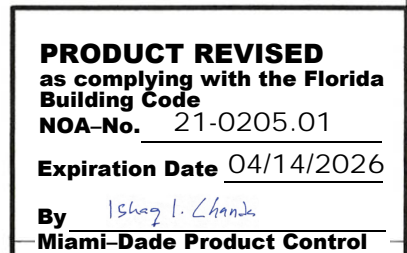


TABLE 2: Design Pressure (DP) and Anchor Quantities Required, (for all approved configurations on Sheet 2)

Use this table for: Glass Types 2 or 4, Astragal Reinforcement #29, Lockstile Reinforcement #25, HD Interlock Reinforcement #28

Door Unit Height: 80", 84", 96", 108", 120"

Nominal Panel Width: 24", 30", 36", 42", 48", 54", 60"

Design Pressure and Anchor Quantities (A, B, C, D) for various DLO Heights and Widths.

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.

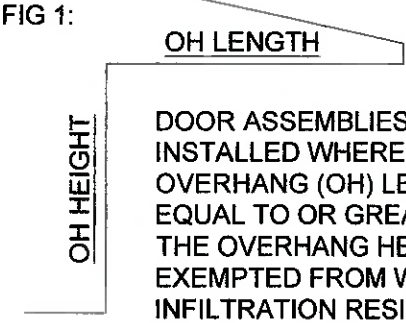


TABLE B2: Water-Limited (+) Design Pressure

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

PRODUCT REVISED as complying with the Florida Building Code NOA-No. 21-0205.01

Expiration Date 04/14/2026

By Ishag I. Chandra Miami-Dade Product Control

- TABLE NOTES:
- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED, THE LESSER VALUES OF EITHER TABLE 2 AND TABLE B2 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 2 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

Impact Resistant Windows & Doors WE'RE STRONGER™

CGI Windows and Doors, Inc. 3780 W. 104th Street Hialeah, FL 33018 Tel: 305.593.6590

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

VINYL SLIDING GLASS DOOR NOA (LM)

DP & ANCHOR QUANTITY TABLE

B) NO CHANGES THIS SHEET.

SGD-7650 NTS 8 OF 21 MD-7650.0

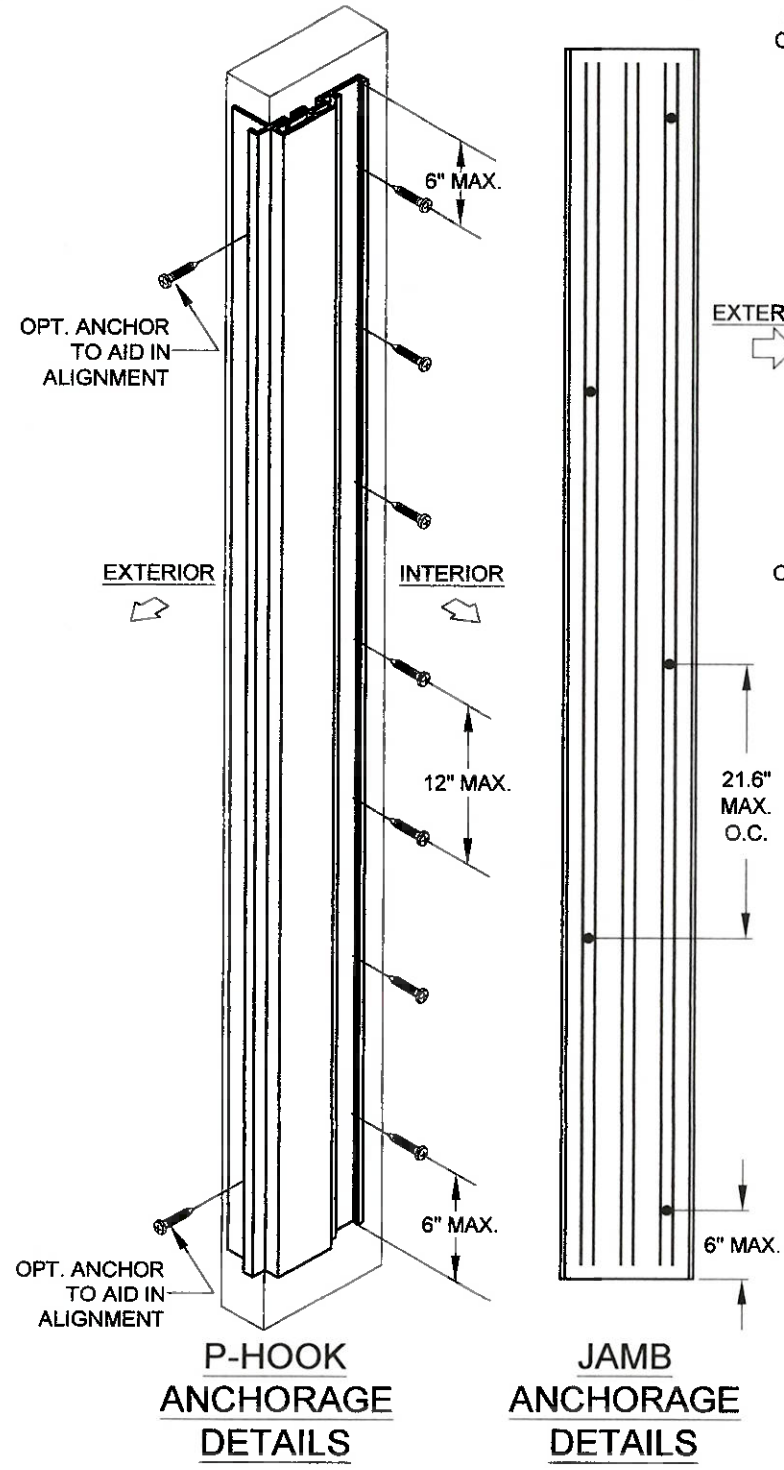
DLO WIDTH = NOM. PANEL WIDTH - 7-3/8"

DLO HEIGHT = DOOR HEIGHT - 11-1/16"

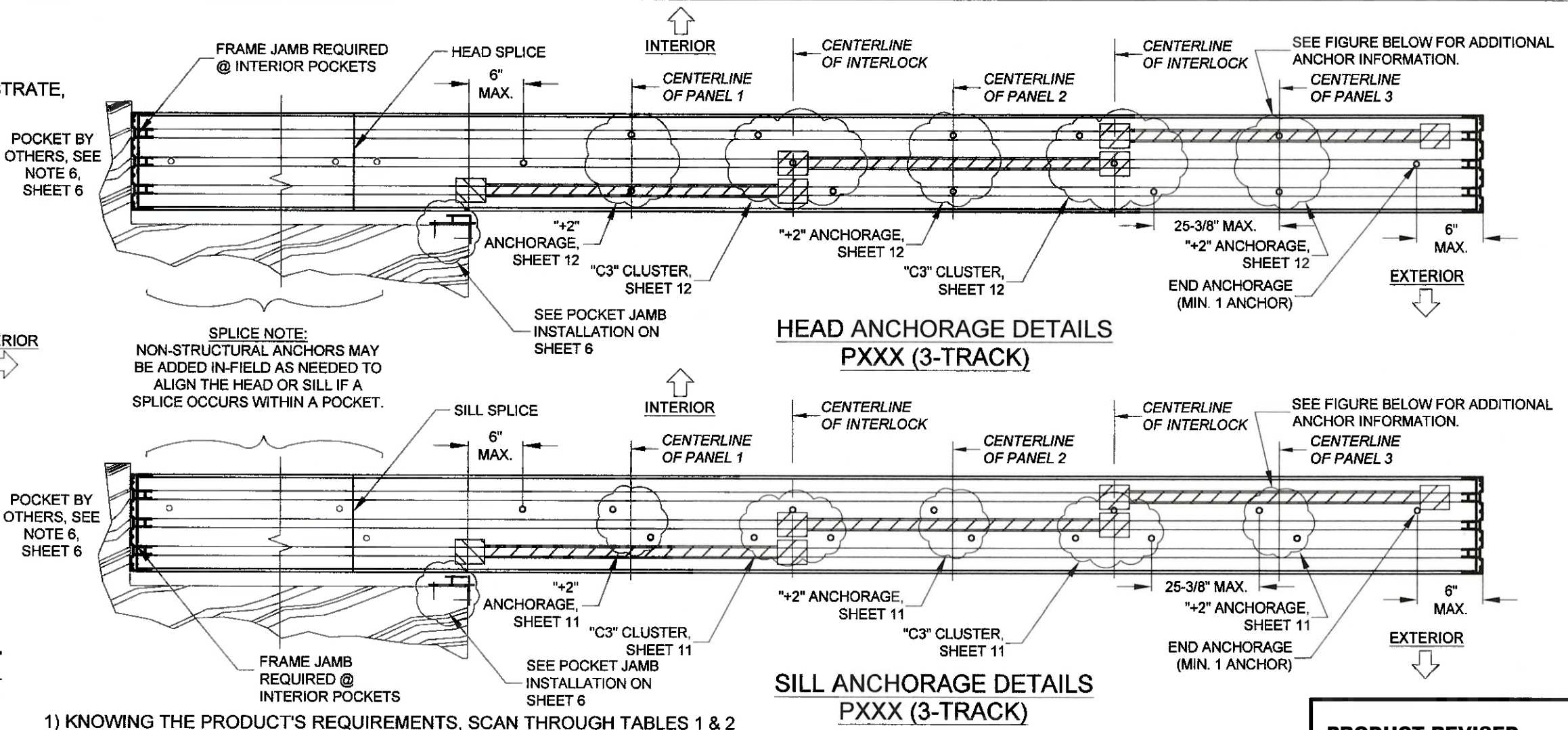
PANEL HEIGHT = DOOR HEIGHT - 2-1/2"

ANTHONY LYNN MILLER LICENSE No. 58705 02/01/21 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



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.



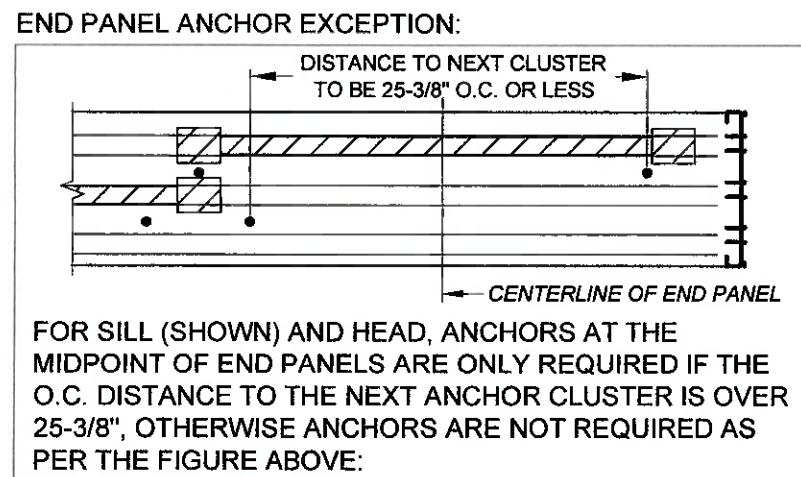
1) KNOWING THE PRODUCT'S REQUIREMENTS, SCAN THROUGH TABLES 1 & 2 FOR A DESIGN PRESSURE THAT MEETS OR EXCEEDS THE REQUIREMENT OF +48.2/-58.6 AT A NOM. PANEL SIZE OF 48" X 84". FROM TABLE 1, SHEET 7, THE DESIGN PRESSURE IS +60/-60 WHICH EXCEEDS THE PROJECT DESIGN PRESSURE REQUIREMENTS.

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

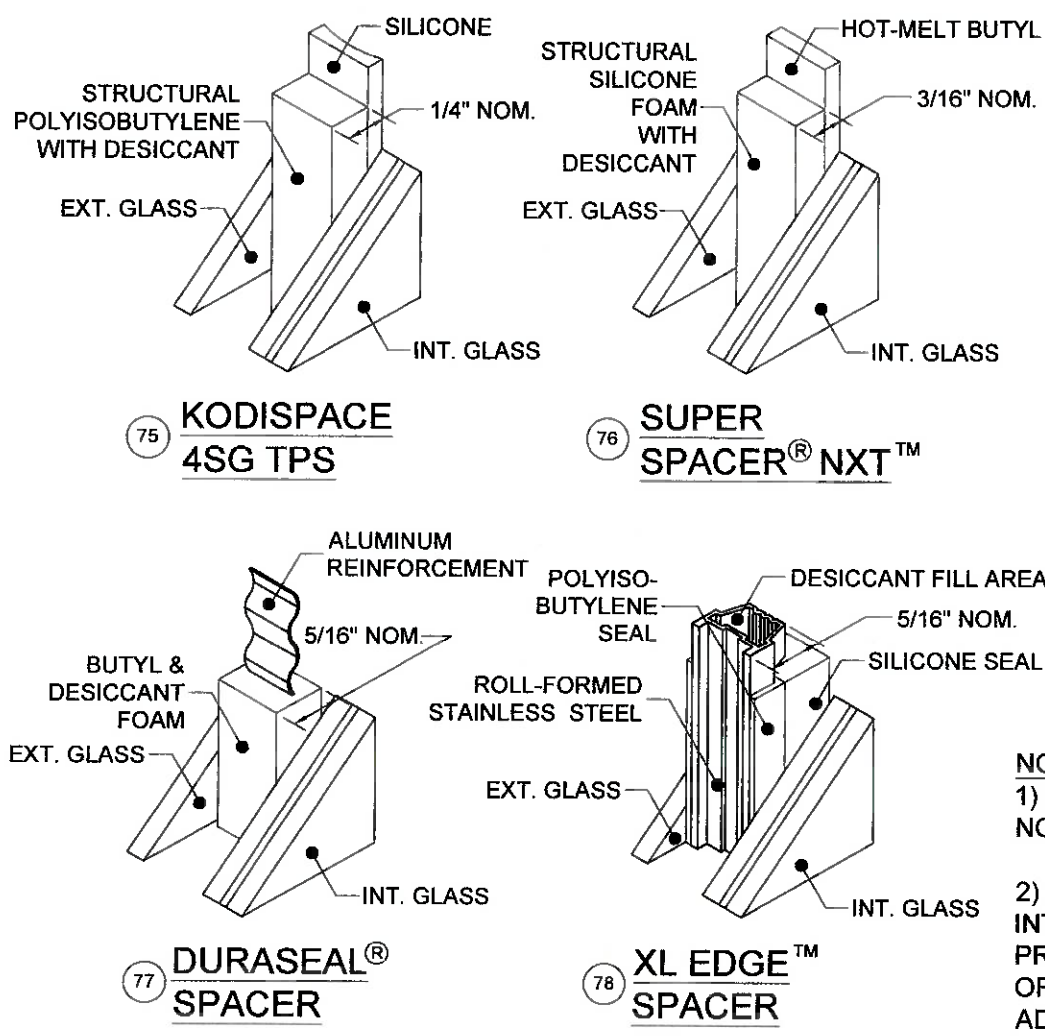
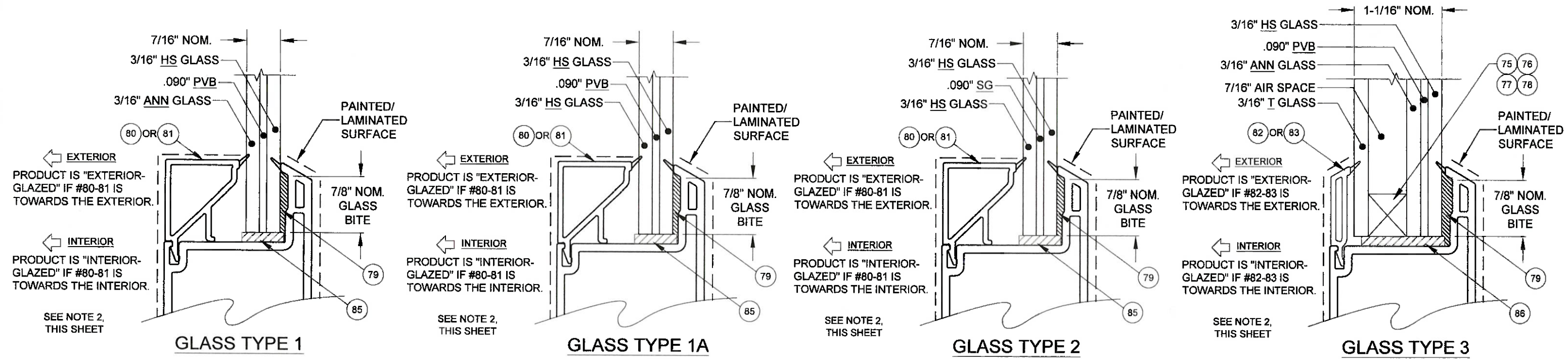


Impact Resistant Windows & Doors
WERE STRONGER™
CGI Windows and Doors, Inc.
3780 W. 104th Street Hialeah, FL 33018
Tel: 305.593.6590
PREP. BY: A. LYNN MILLER, P.E.
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

Series	SGD-7650	Scale	NTS	Sheet	9 OF 21	DWG No.	MD-7650.0	Rev. No.	B
Title	VINYL SLIDING GLASS DOOR NOA (LM)					Date	10/05/15		
Desc.	STRAIGHT DOOR EXAMPLE					Drawn By	J ROSOWSKI		
Rev.	B) NO CHANGES THIS SHEET.					Rev. Date	01/27/21		

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 21-0205.01
Expiration Date 04/14/2026
By Ishag I. Chande
Miami-Dade Product Control

ANTHONY LYNN MILLER
LICENSE
No. 58705
02/01/21
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



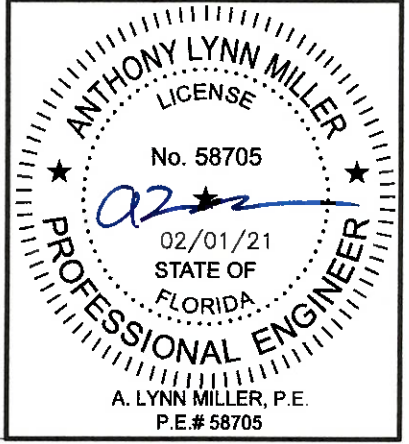
NOTES:
 1) BACKBEDDING SURFACES SHALL NOT BE PAINTED OR LAMINATED.
 2) PRODUCT MAY BE EITHER INTERIOR OR EXTERIOR GLAZED, PROVIDED THAT THE "HS" SURFACE OF A LAMINATED GLAZING UNIT IS ADHERED TO THE GLAZING LEG.

Impact Resistant Windows & Doors
WE'RE STRONGER™
 CGI Windows and Doors, Inc.
 3780 W. 104th Street Hialeah, FL 33018
 Tel: 305.593.6590
 PREP. BY: A. LYNN MILLER, P.E.
 1070 TECHNOLOGY DRIVE
 N. VENICE, FL 34275
 (941) 480-1600
 REGISTRATION #29296

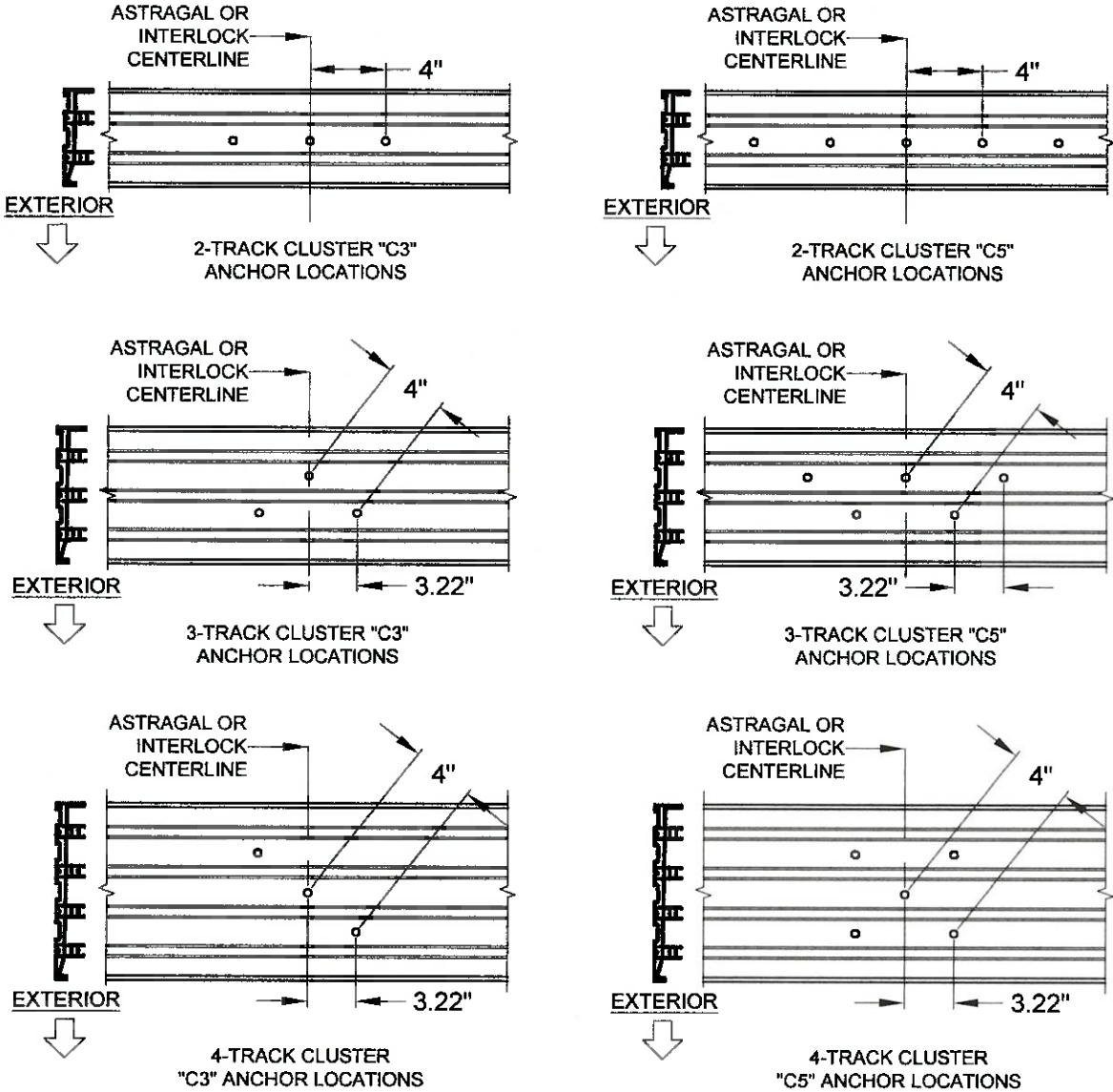
Title	VINYL SLIDING GLASS DOOR NOA (LM)						Date	10/05/15	
Desc.	GLAZING DETAILS					Drawn By	J ROSOWSKI		
Rev.	B) NO CHANGES THIS SHEET.						Rev. Date	01/27/21	
Rev.							Rev. Date		
Series	SGD-7650	Scale	NTS	Sheet	10 OF 21	DWG No.	MD-7650.0	Rev. No.	B

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

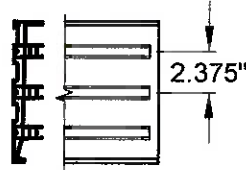
PRODUCT REVISED
 as complying with the Florida Building Code
 NOA-No. 21-0205.01
 Expiration Date 04/14/2026
 By *Ishag I. Chande*
 Miami-Dade Product Control



SILL CLUSTER ANCHORS LAYOUT:



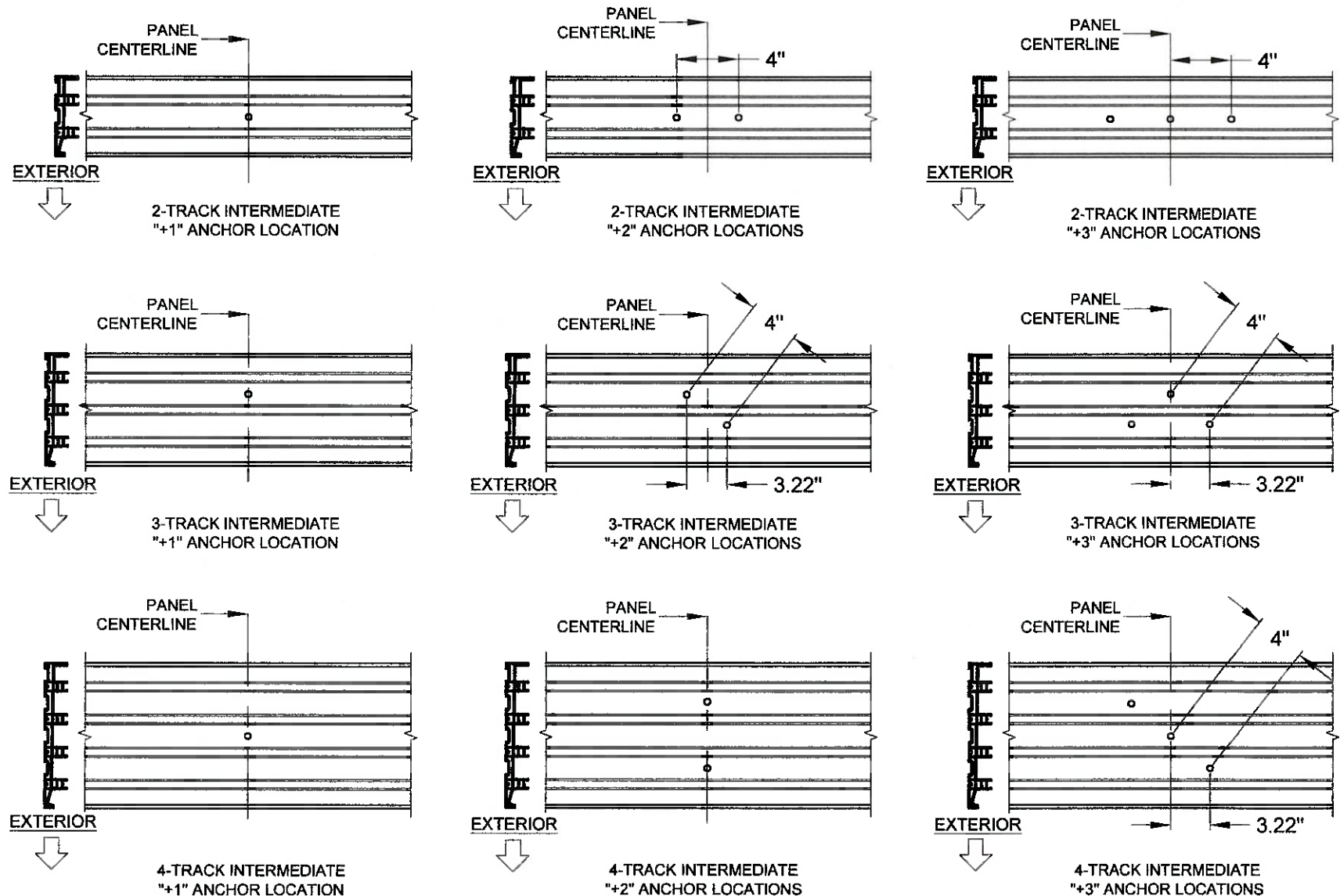
- NOTES:
- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
 - 2) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL SILLS:



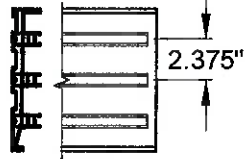
FIGURES PERTAIN TO THE FOLLOWING SILL CLUSTER ANCHOR LOCATIONS:

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

SILL "+" INTERMEDIATE ANCHORS LAYOUT:



- NOTES:
- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
 - 2) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL SILLS:



FIGURES PERTAIN TO THE FOLLOWING SILL INTERMEDIATE ANCHOR LOCATIONS:

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

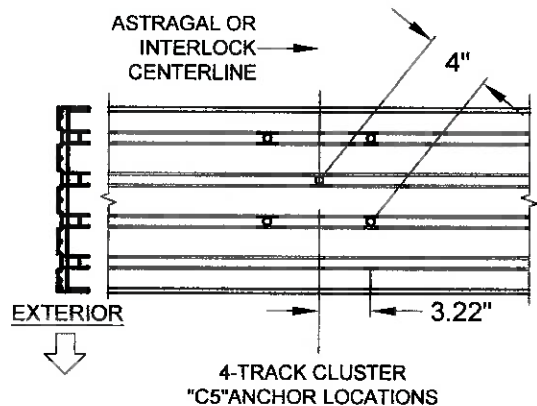
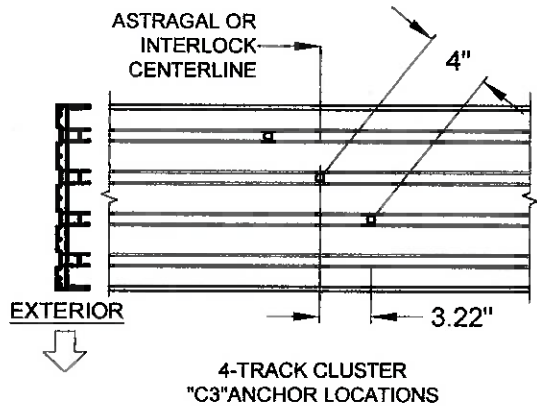
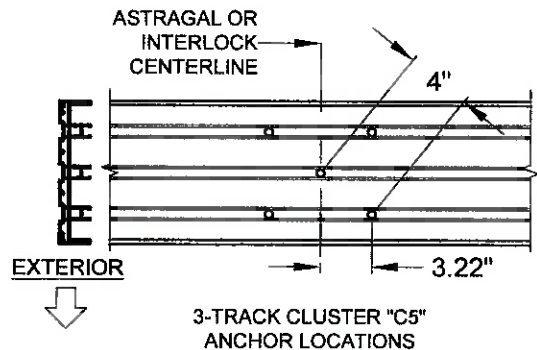
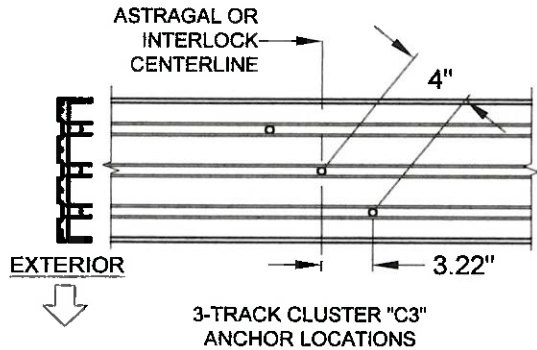
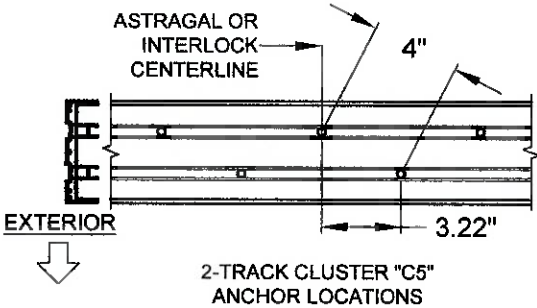
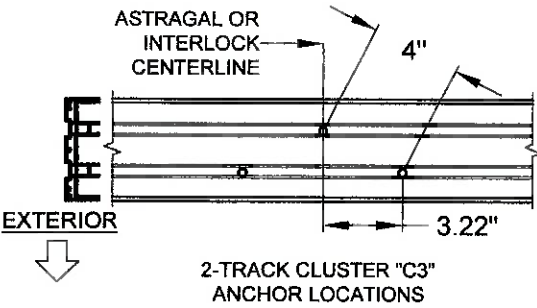
**Impact Resistant Windows & Doors**
WE'RE STRONGER™
CGI Windows and Doors, Inc.
3780 W. 104th Street Hialeah, FL 33018
Tel: 305.593.6590
PREP. BY: A. LYNN MILLER, P.E.
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

Title	VINYL SLIDING GLASS DOOR NOA (LM)	Date	10/05/15
Desc.	ANCHOR LOCATIONS A	Drawn By	J ROSOWSKI
Rev.	B) NO CHANGES THIS SHEET.	Rev. Date	01/27/21
Series	SGD-7650	Scale	NTS
Sheet	11 OF 21	DWG No.	MD-7650.0
Rev. No.	B		

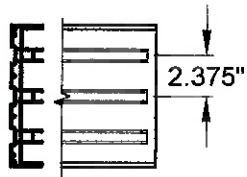
PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 21-0205.01
Expiration Date 04/14/2026
By *Ishag I. Chande*
Miami-Dade Product Control

ANTHONY LYNN MILLER
LICENSE
No. 58705
A2
02/01/21
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

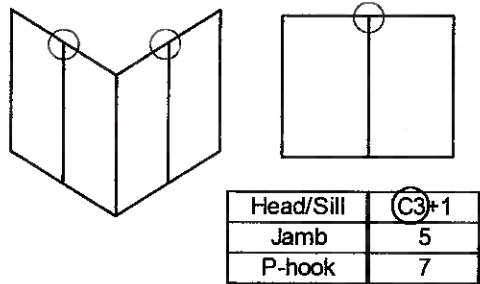
HEAD CLUSTER ANCHORS LAYOUT:



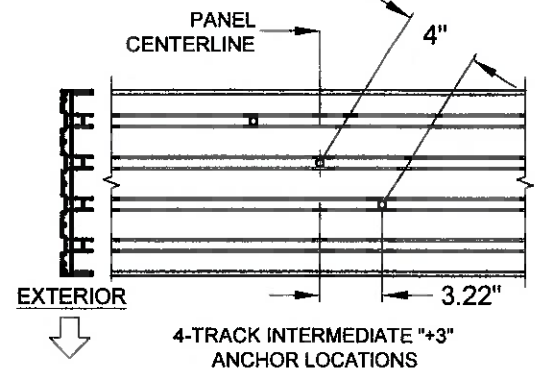
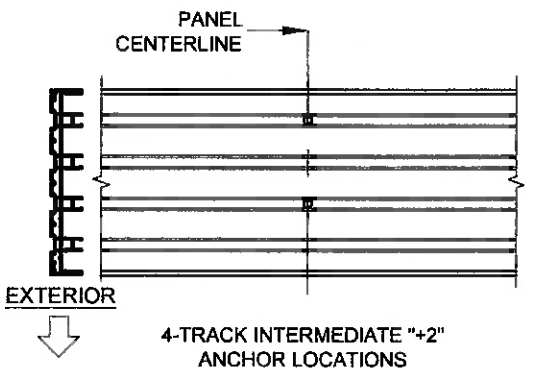
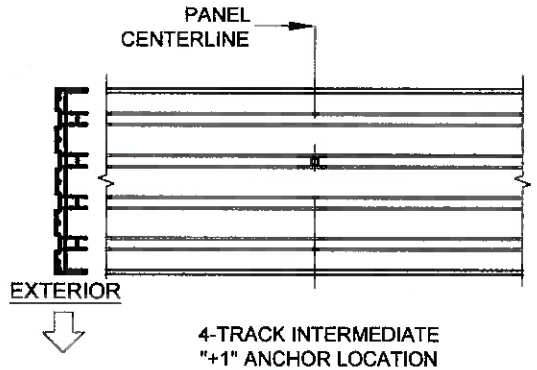
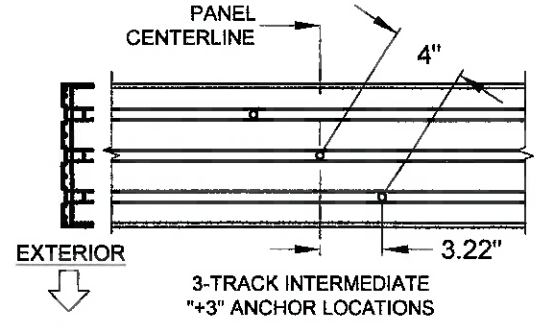
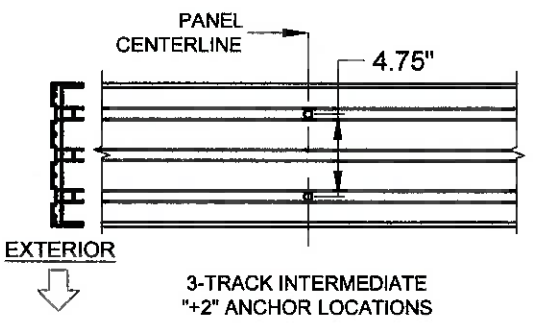
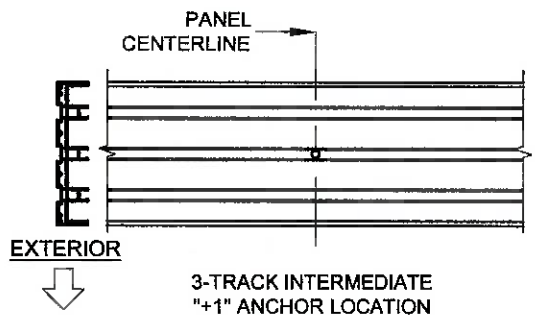
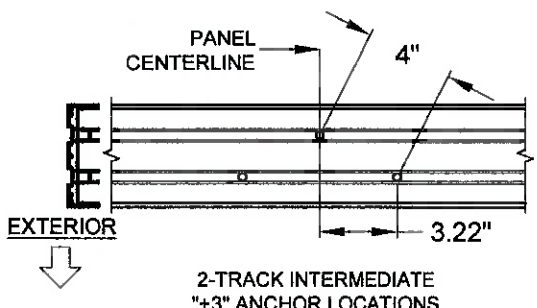
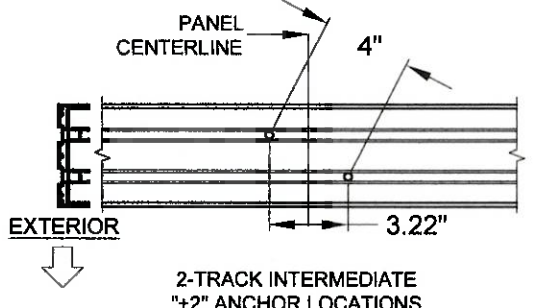
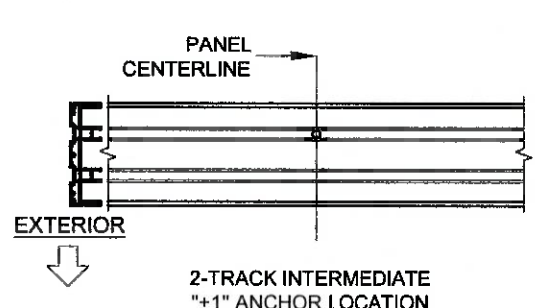
- NOTES:
- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
- 2) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS:



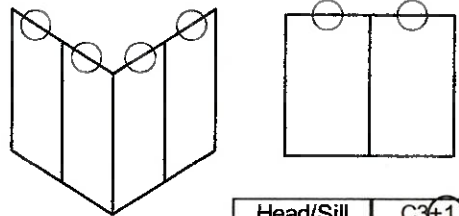
FIGURES PERTAIN TO THE FOLLOWING HEAD CLUSTER ANCHOR LOCATIONS:



HEAD "+" INTERMEDIATE ANCHORS LAYOUT:

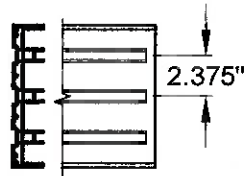


FIGURES PERTAIN TO THE FOLLOWING HEAD INTERMEDIATE ANCHOR LOCATIONS:



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

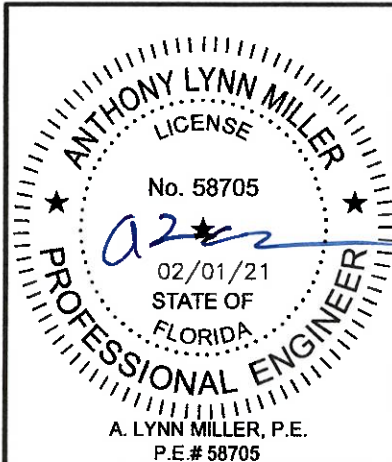
- NOTES:
- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
- 2) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS:



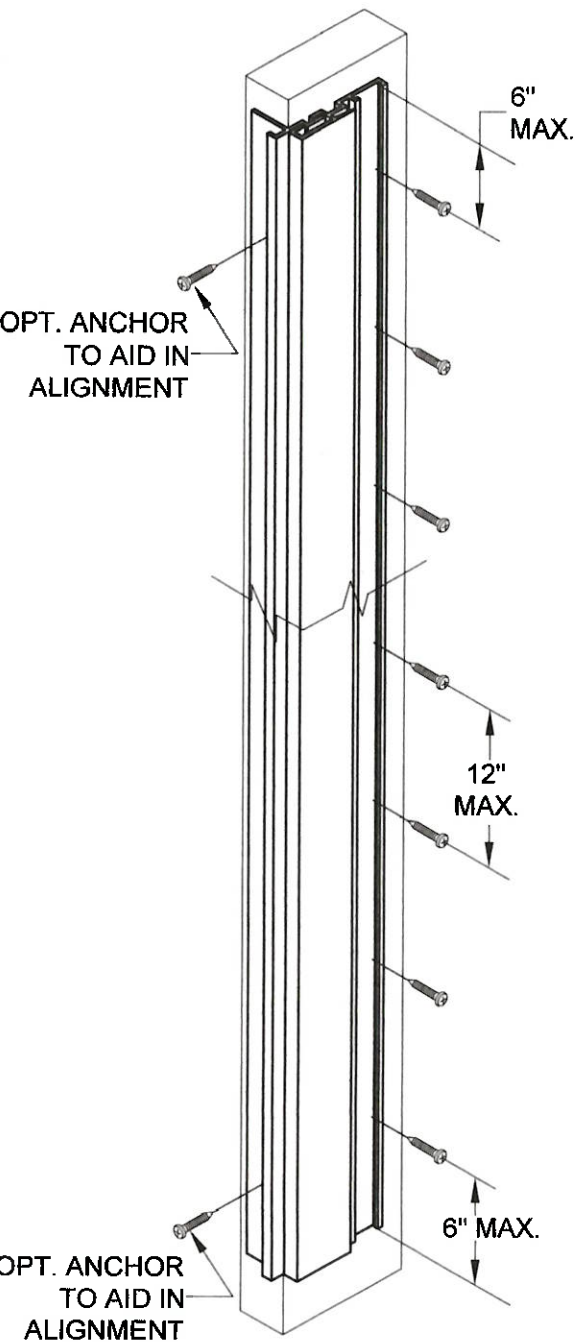
Impact Resistant Windows & Doors
WE'RE STRONGER™
CGI Windows and Doors, Inc.
3780 W. 104th Street Hialeah, FL 33018
Tel: 305.593.6590
PREP. BY: A. LYNN MILLER, P.E.
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

Title	VINYL SLIDING GLASS DOOR NOA (LM)	Date	10/05/15
Desc.	ANCHOR LOCATIONS B	Drawn By	J ROSOWSKI
Rev.	B) NO CHANGES THIS SHEET.	Rev. Date	01/27/21
Series	SGD-7650	Scale	NTS
Sheet	12 OF 21	DWG No.	MD-7650.0
Rev. No.	B		

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-0205.01
Expiration Date 04/14/2026
By *Ishag I. Chanda*
Miami-Dade Product Control

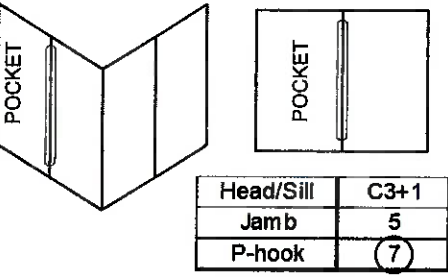


P-HOOK ANCHORS LAYOUT:

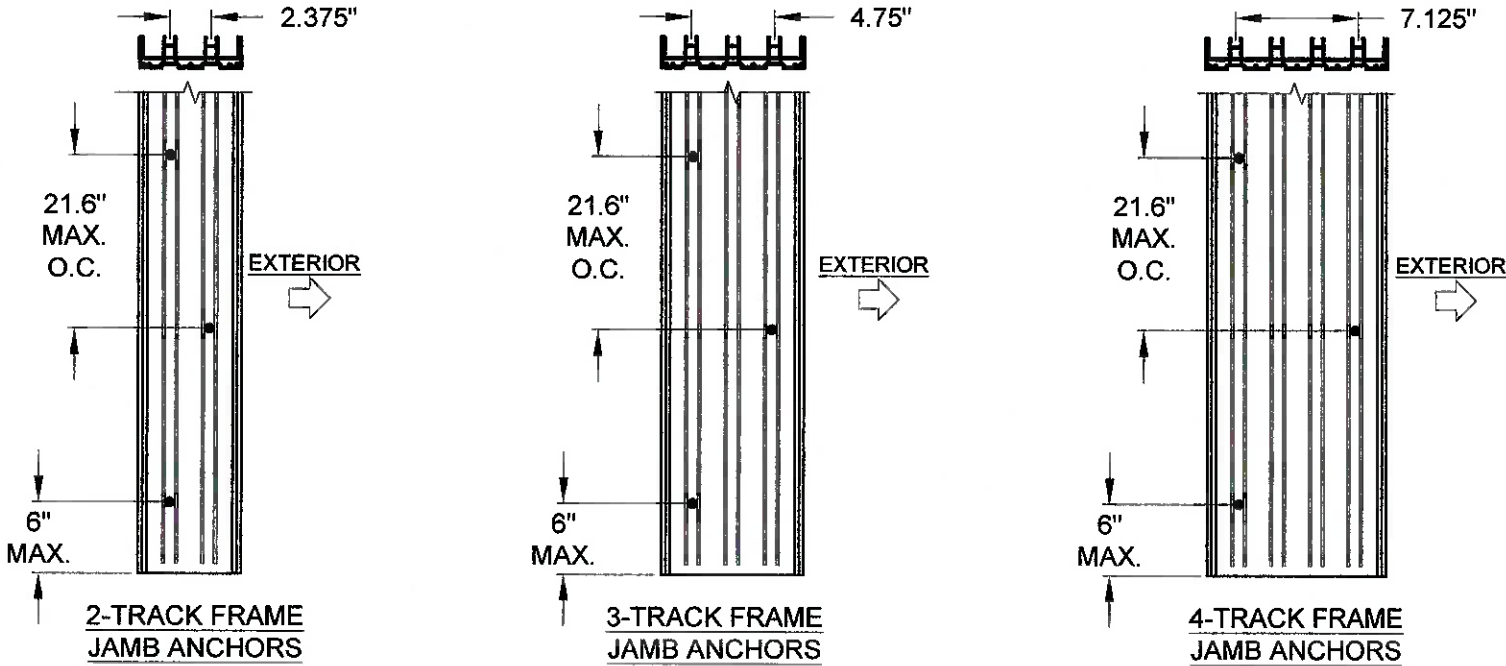


NOTES:
1) SEE TABLES 1 & 2 FOR EXACT QUANTITY OF ANCHORS REQUIRED IN THE P-HOOK.

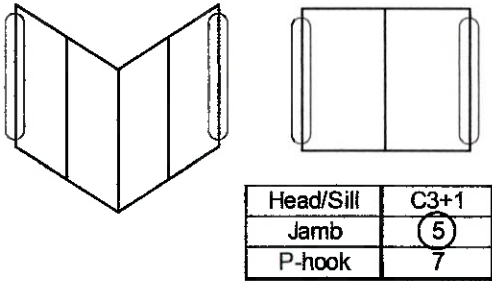
FIGURES PERTAIN TO THE FOLLOWING POCKET JAMB (P-HOOK) ANCHOR LOCATIONS:



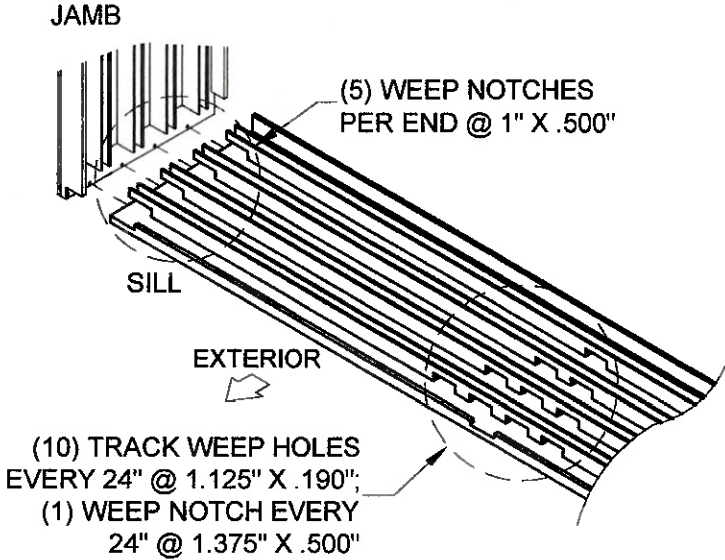
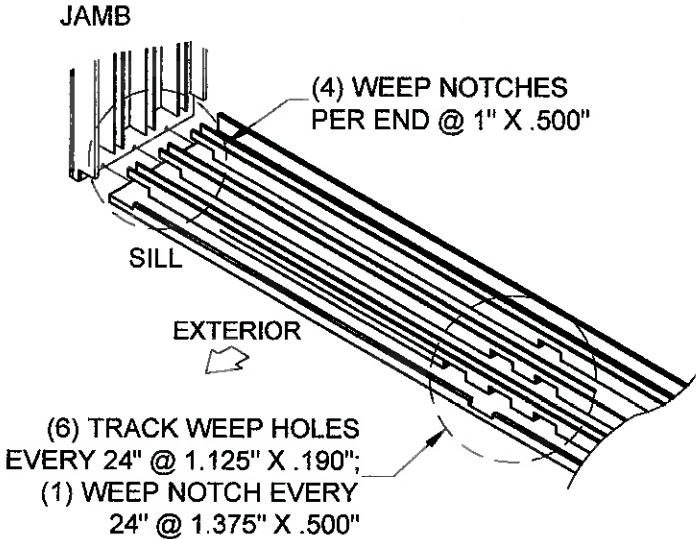
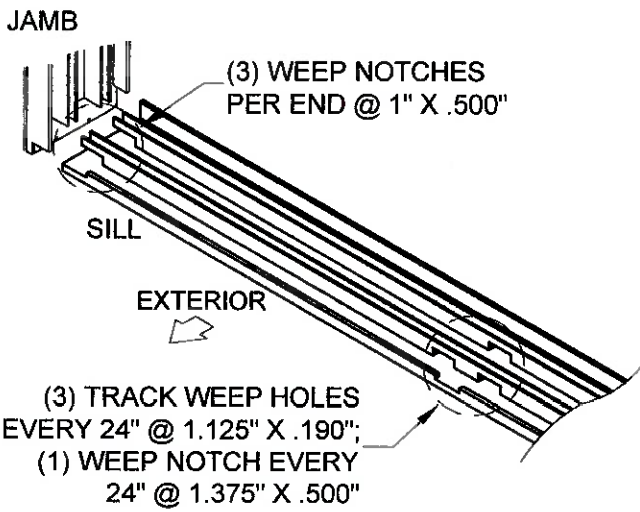
JAMB ANCHORS LAYOUT, (PARTIAL VIEW):



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)

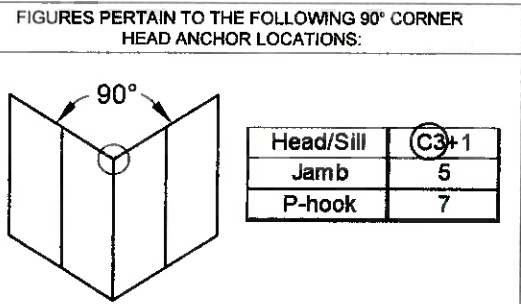
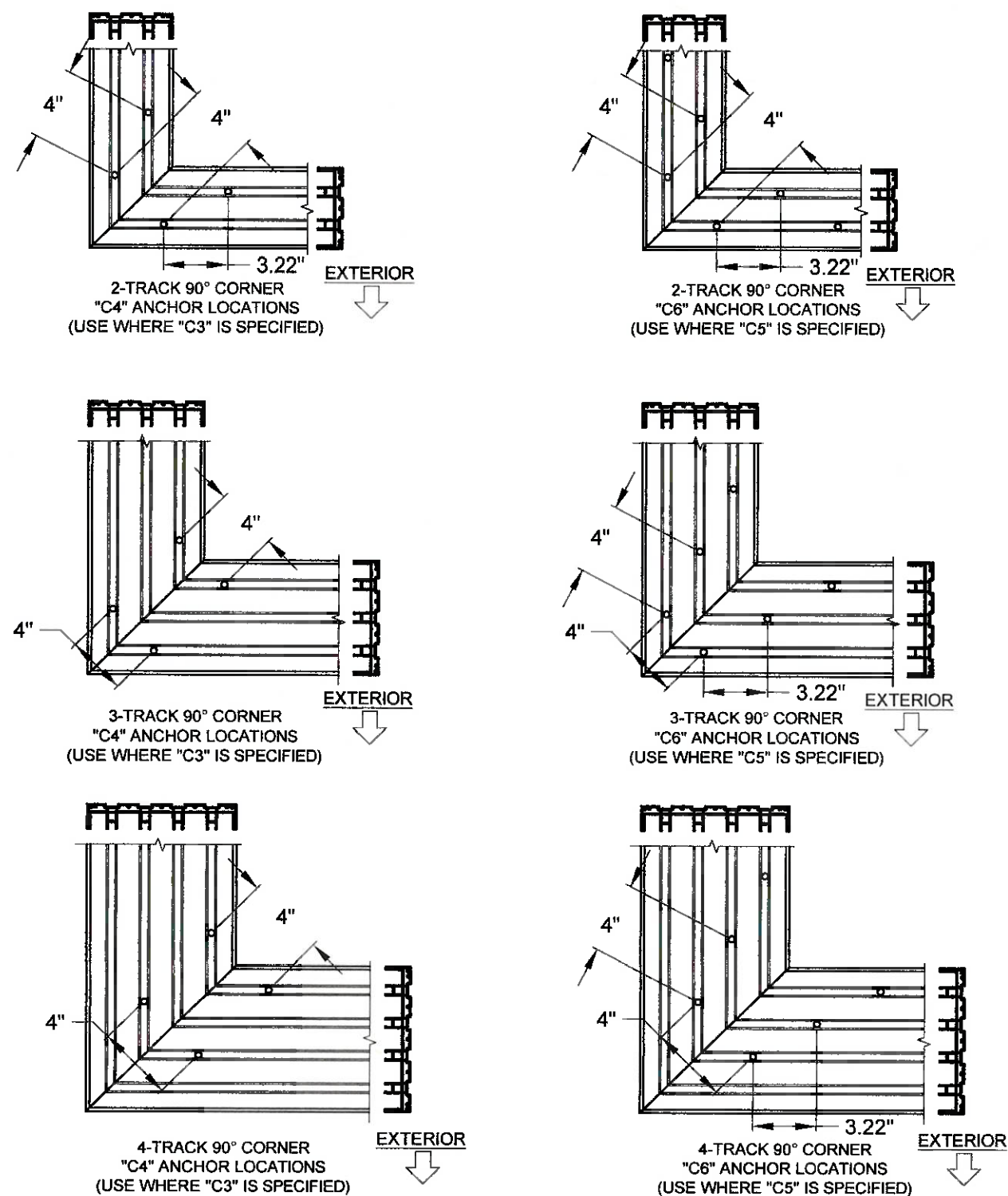
Impact Resistant Windows & Doors
WE'RE STRONGER™
CGI Windows and Doors, Inc.
3780 W. 104th Street Hialeah, FL 33018
Tel: 305.593.6590
PREP. BY: A. LYNN MILLER, P.E.
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

Rev.	1	Title	VINYL SLIDING GLASS DOOR NOA (LM)	Date	10/05/15
Rev.	2	Desc.	ANCHOR LOCATIONS C	Drawn By	J ROSOWSKI
Rev.	3	Rev.	B) NO CHANGES THIS SHEET.	Rev.	01/27/21
Series	SGD-7650	Scale	NTS	Sheet	13 OF 21
DWG No.	MD-7650.0	Rev. No.	B		

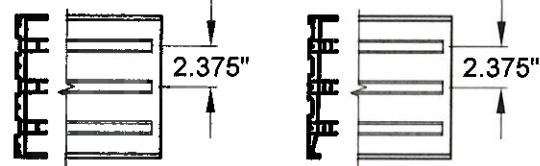
PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 21-0205.01
Expiration Date 04/14/2026
By *Ishag I. Chank*
Miami-Dade Product Control

ANTHONY LYNN MILLER
LICENSE
No. 58705
02/01/21
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

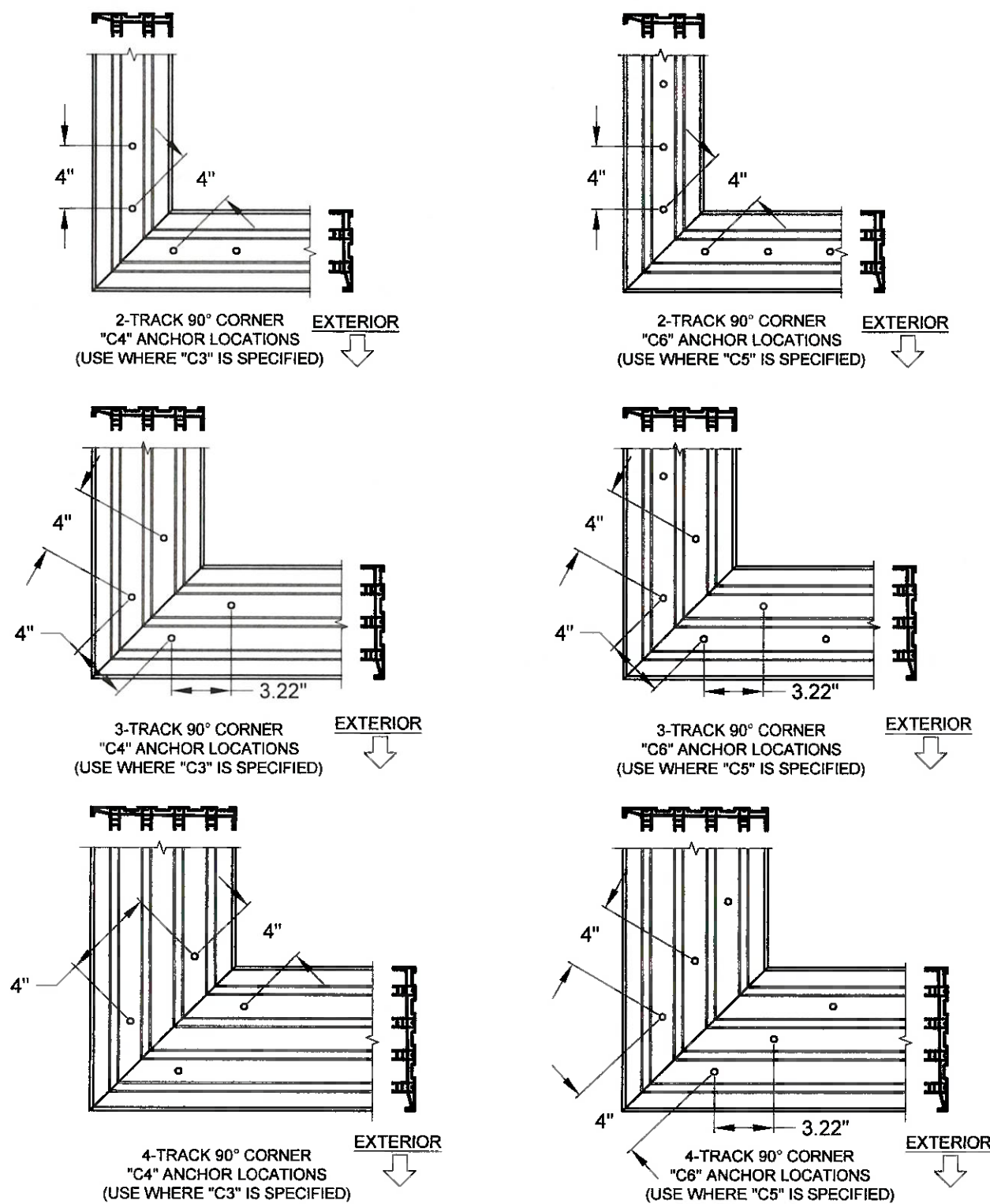
HEAD 90° CORNER CLUSTER ANCHORS LAYOUT:



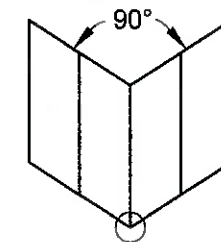
- NOTES:
- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
 - 2) DETAILS DEPICT ANCHOR QUANTITY AND SPACING, AND WOULD BE SIMILAR FOR OUTSIDE (SHOWN) AND INSIDE CORNER CONFIGURATIONS.
 - 3) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS AND SILLS:



SILL 90° CORNER CLUSTER ANCHORS LAYOUT:

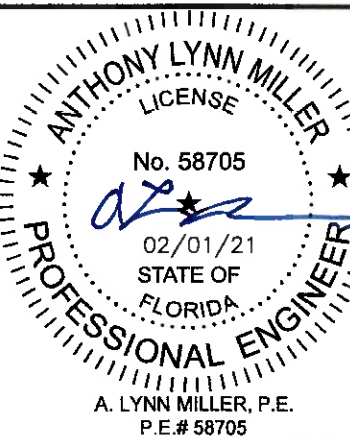


FIGURES PERTAIN TO THE FOLLOWING 90° CORNER SILL ANCHOR LOCATIONS:



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

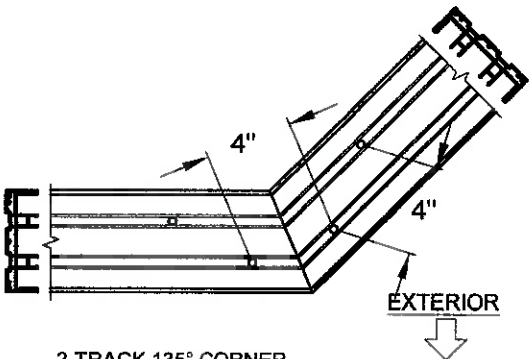
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-0205.01
Expiration Date 04/14/2026
By *Ishaq I. Chande*
Miami-Dade Product Control



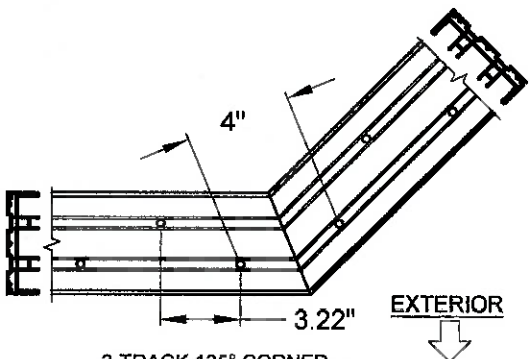
Impact Resistant Windows & Doors
WE'RE STRONGER™
CGI Windows and Doors, Inc.
3780 W. 104th Street Hialeah, FL 33018
Tel: 305.593.6590
PREP. BY: A. LYNN MILLER, P.E.
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

Series	SGD-7650	Scale	NTS	Sheet	14 OF 21	DWG No.	MD-7650.0	Rev. No.	B
Title	VINYL SLIDING GLASS DOOR NOA (LM)				Date	10/05/15			
Desc.	ANCHOR LOCATIONS D				Drawn By	J ROSOWSKI			
Rev.	B) NO CHANGES THIS SHEET.				Rev. Date	01/27/21			

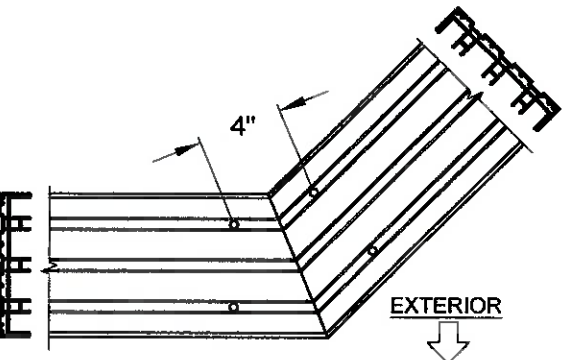
HEAD 135° CORNER CLUSTER ANCHORS LAYOUT:



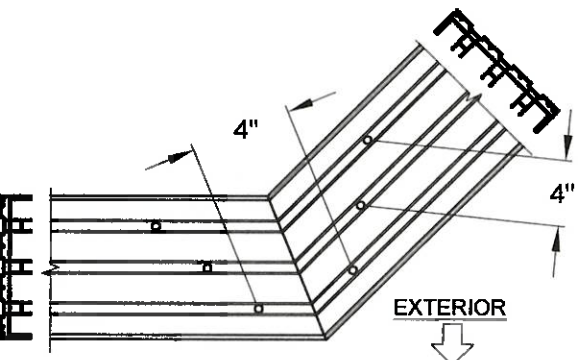
2-TRACK 135° CORNER
"C4" ANCHOR LOCATIONS
(USE WHERE "C3" IS SPECIFIED)



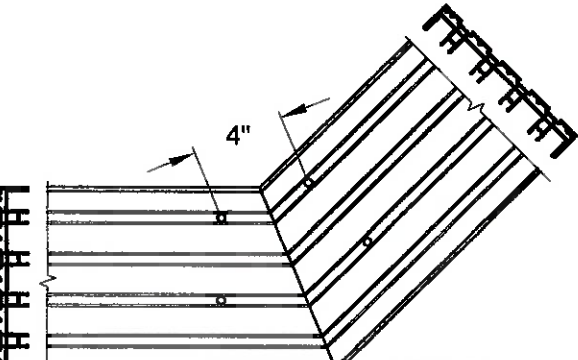
2-TRACK 135° CORNER
"C6" ANCHOR LOCATIONS
(USE WHERE "C5" IS SPECIFIED)



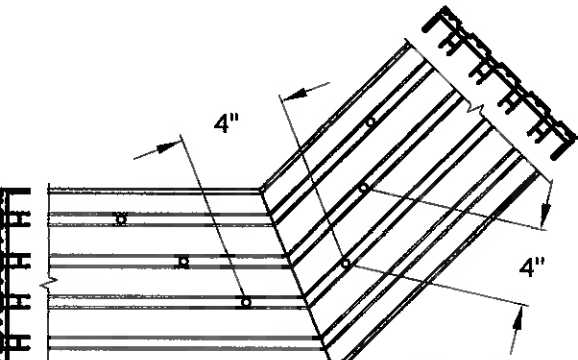
3-TRACK 135° CORNER
"C4" ANCHOR LOCATIONS
(USE WHERE "C3" IS SPECIFIED)



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

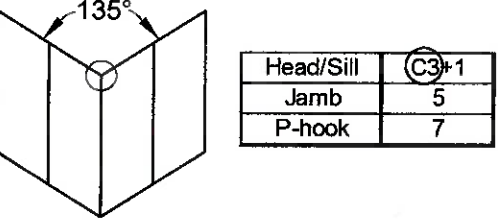


4-TRACK 135° CORNER
"C4" ANCHOR LOCATIONS
(USE WHERE "C3" IS SPECIFIED)

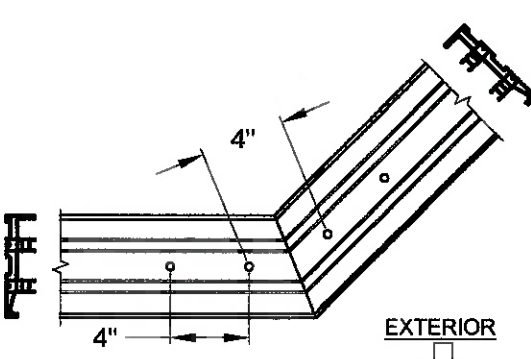


4-TRACK 135° CORNER
"C6" ANCHOR LOCATIONS
(USE WHERE "C5" IS SPECIFIED)

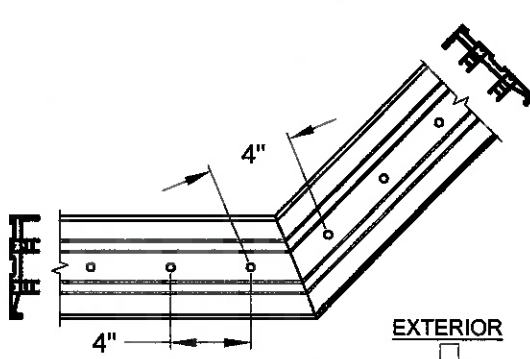
FIGURES PERTAIN TO THE FOLLOWING 135° CORNER
HEAD ANCHOR LOCATIONS:



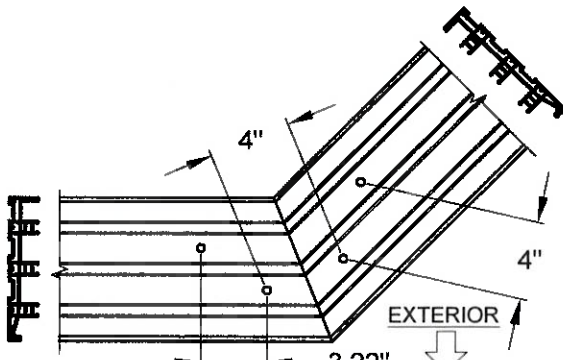
SILL 135° CORNER CLUSTER ANCHORS LAYOUT:



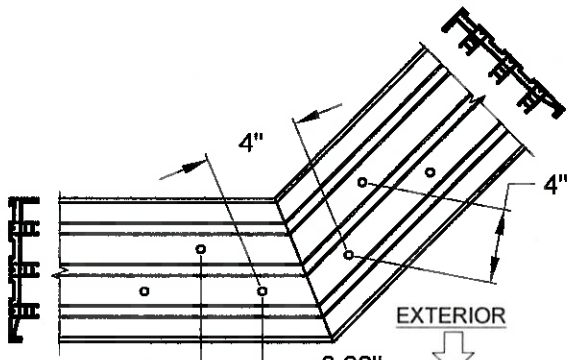
2-TRACK 135° CORNER
"C4" ANCHOR LOCATIONS
(USE WHERE "C3" IS SPECIFIED)



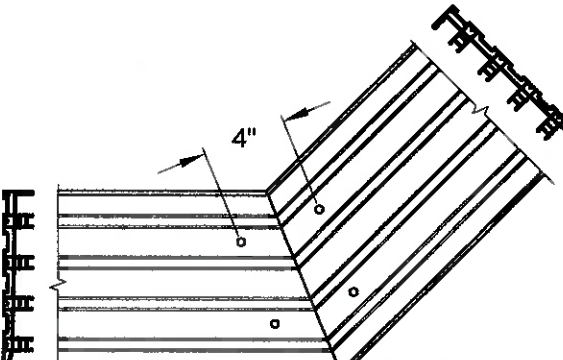
2-TRACK 135° CORNER
"C6" ANCHOR LOCATIONS
(USE WHERE "C5" IS SPECIFIED)



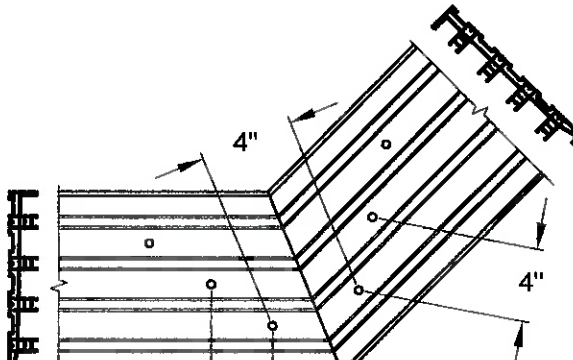
3-TRACK 135° CORNER
"C4" ANCHOR LOCATIONS
(USE WHERE "C3" IS SPECIFIED)



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

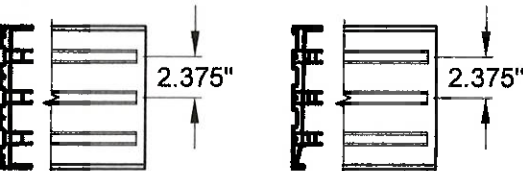


4-TRACK 135° CORNER
"C4" ANCHOR LOCATIONS
(USE WHERE "C3" IS SPECIFIED)

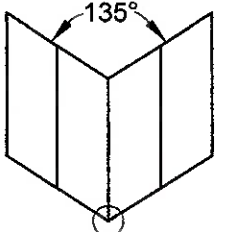


4-TRACK 135° CORNER
"C6" ANCHOR LOCATIONS
(USE WHERE "C5" IS SPECIFIED)

- 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:

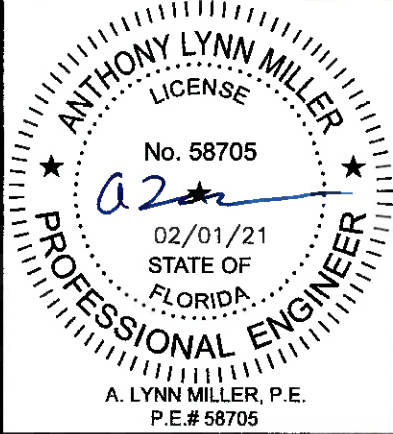


FIGURES PERTAIN TO THE
FOLLOWING 135° CORNER SILL
ANCHOR LOCATIONS:



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

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-0205.01
Expiration Date 04/14/2026
By *Ishag I. Chande*
Miami-Dade Product Control



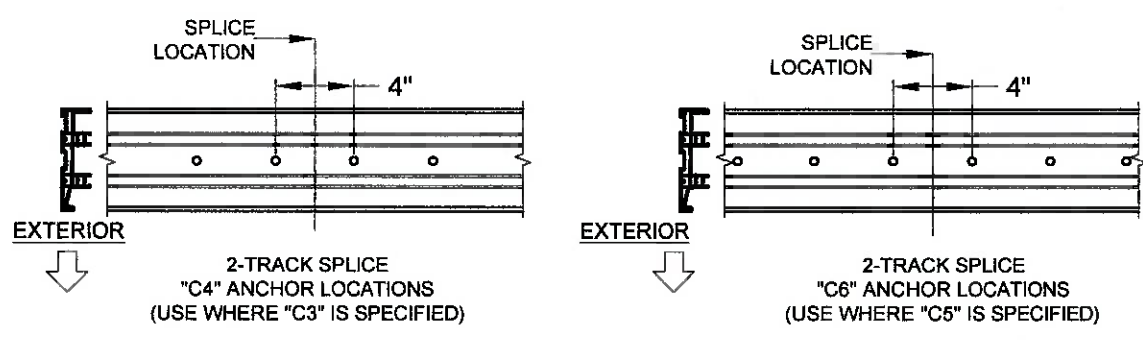
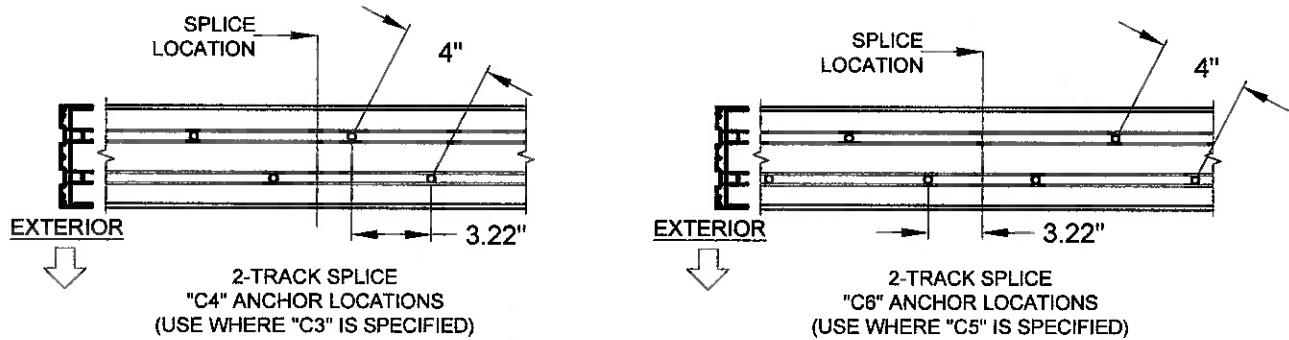
**Impact Resistant
Windows & Doors**
WERE STRONGER™
CGI Windows and Doors, Inc.
3780 W. 104th Street Hialeah, FL 33018
Tel: 305.593.6590
PREP. BY: A. LYNN MILLER, P.E.
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

Title		VINYL SLIDING GLASS DOOR NOA (LM)		Date	10/05/15
Dec.		ANCHOR LOCATIONS E		Drawn by	J ROSOWSKI
Rev.		B) NO CHANGES THIS SHEET.		Rev. Date	01/27/21
Series	SGD-7650	Scale	NTS	Sheet	15 OF 21
DWG No.	MD-7650.0	Rev. No.	B		

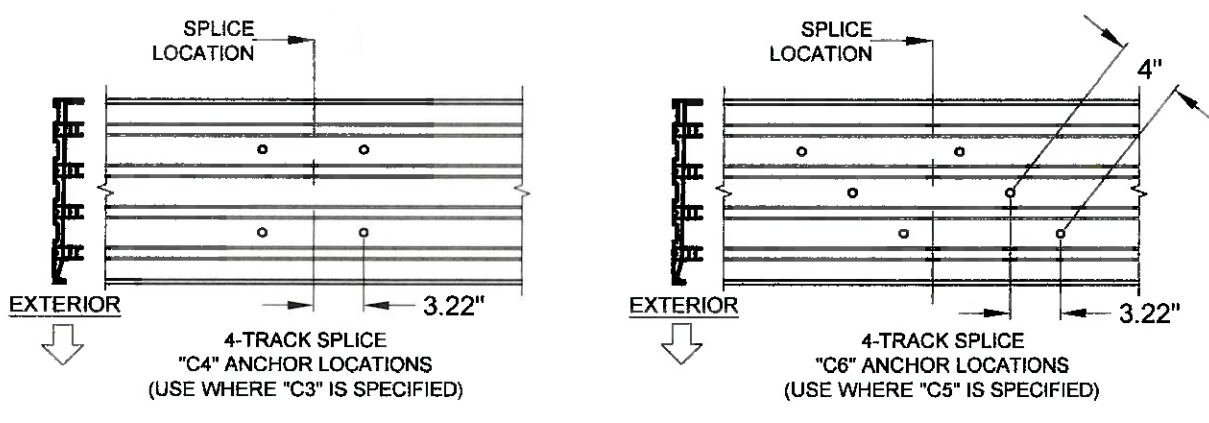
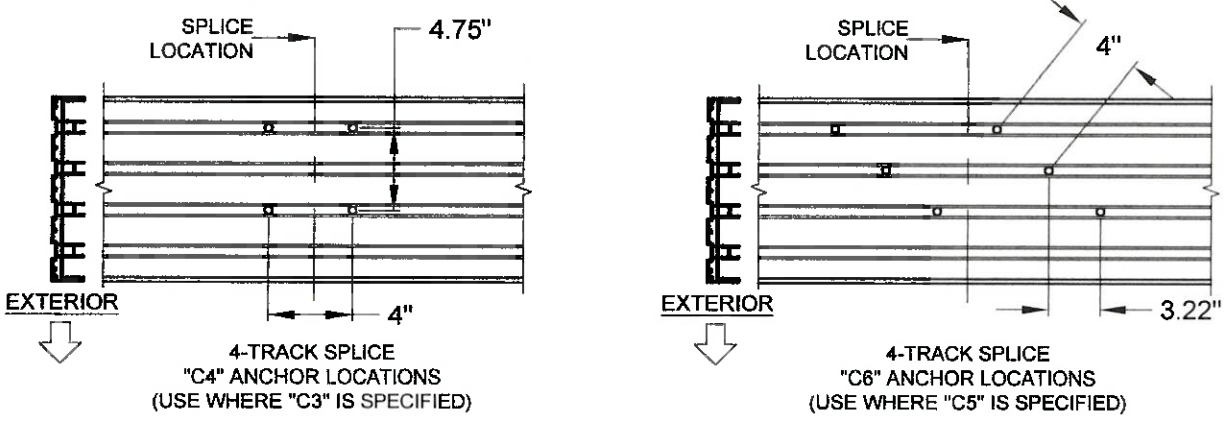
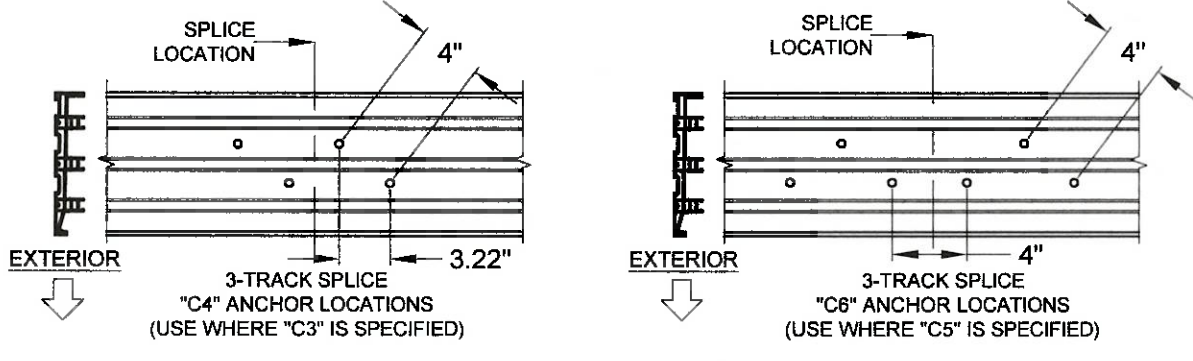
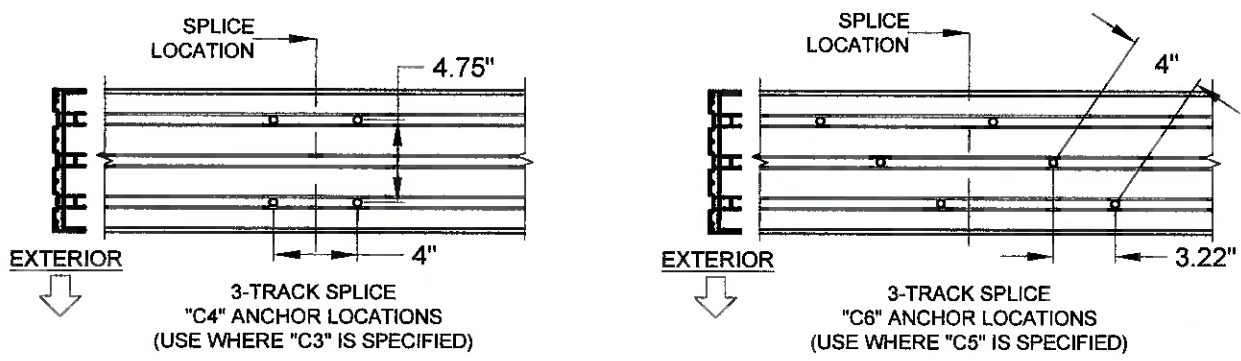
HEAD SPLICE ANCHORS LAYOUT @ INTERLOCK OR ASTRAGAL:

SILL SPLICE ANCHORS LAYOUT @ INTERLOCK OR ASTRAGAL:

FIGURES PERTAIN TO THE FOLLOWING
SPliced SILL ANCHOR LOCATIONS:



FIGURES PERTAIN TO THE FOLLOWING SPliced SILL ANCHOR LOCATIONS:	
Head/Sill	(C3)+1
Jamb	5
P-hook	7



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-0205.01
Expiration Date 04/14/2026
By *Ishag I. Chande*
Miami-Dade Product Control

ANTHONY LYNN MILLER
LICENSE
No. 58705
a2
02/01/21
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

- 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.

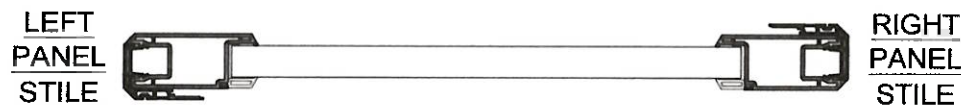
FIGURES PERTAIN TO THE FOLLOWING
SPliced HEAD ANCHOR LOCATIONS:

FIGURES PERTAIN TO THE FOLLOWING SPliced HEAD ANCHOR LOCATIONS:	
Head/Sill	(C3)+1
Jamb	5
P-hook	7

Impact Resistant Windows & Doors
WE'RE STRONGER™
CGI Windows and Doors, Inc.
3780 W. 104th Street Hialeah, FL 33018
Tel: 305.593.6590
PREP. BY: A. LYNN MILLER, P.E.
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

Title	VINYL SLIDING GLASS DOOR NOA (LM)	Date	10/05/15
Dec.	ANCHOR LOCATIONS F	Drawn By	J ROSOWSKI
Rev.	B) NO CHANGES THIS SHEET.	Rev. Date	01/27/21
Series	SGD-7650	Scale	NTS
Sheet	16 OF 21	DWG No.	MD-7650.0
Rev. No.	B		

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)	SC	SA	SV	SW
	FIXED STILE		RR	R			S (BOX OUT)	FC	FD	FV	FW
	LOCKSTILE W/ HANDLE		D	M			J (BOX OUT)				
	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						



PANEL TYPE "F" SHOWN.

PANEL NOTES:

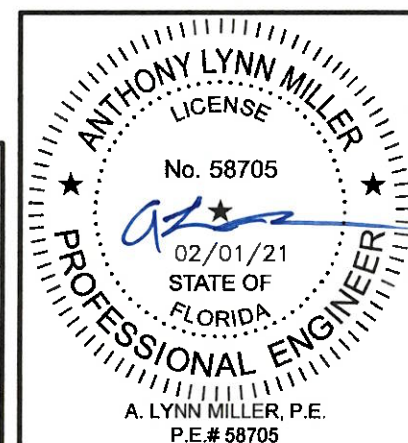
- 1) SEE DP/ANCHOR TABLES 1 & 2, SHEETS 7-8 FOR PANEL SIZES & DESIGN PRESSURE.
- 2) PANEL TYPES NOT SHOWN ARE NOT REQUIRED FOR ANY CONFIGURATIONS AND ARE NOT AVAILABLE.
- 3) MAXIMUM NOMINAL PANEL WIDTH FOR ALL PANEL CONFIGURATIONS IS 60".
- 4) PANEL TYPE MAY BE EITHER EXTERIOR (STANDARD) OR INTERIOR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

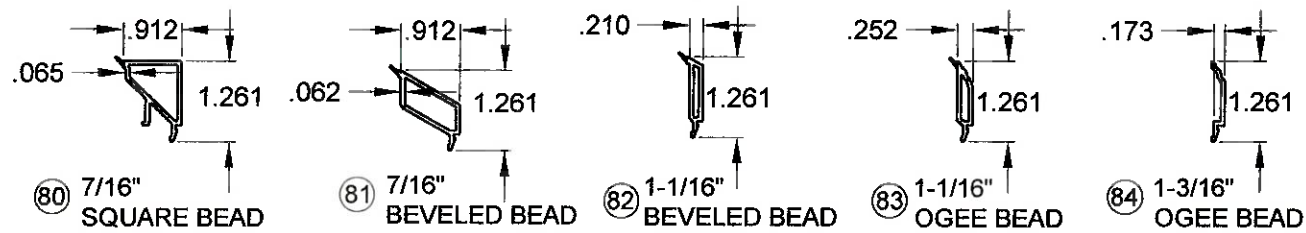
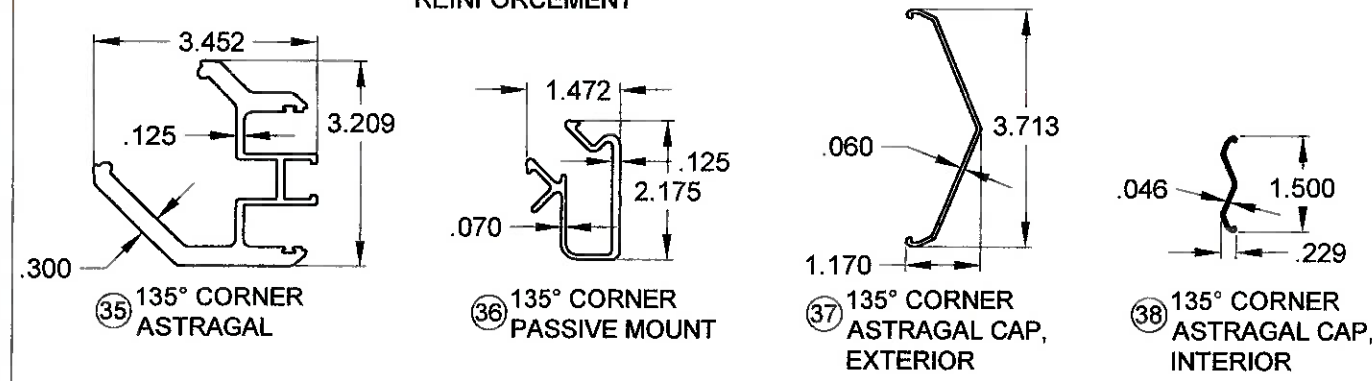
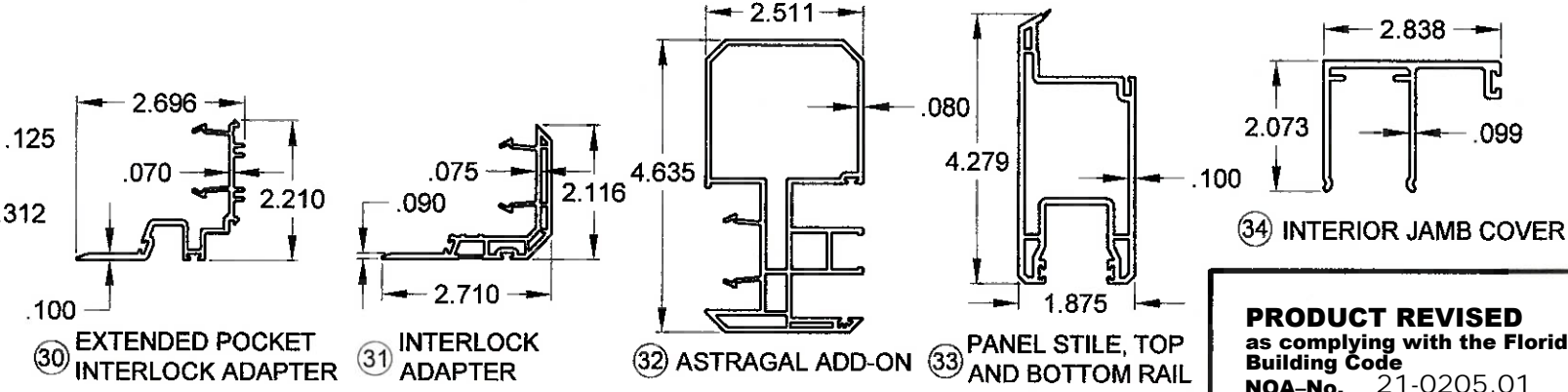
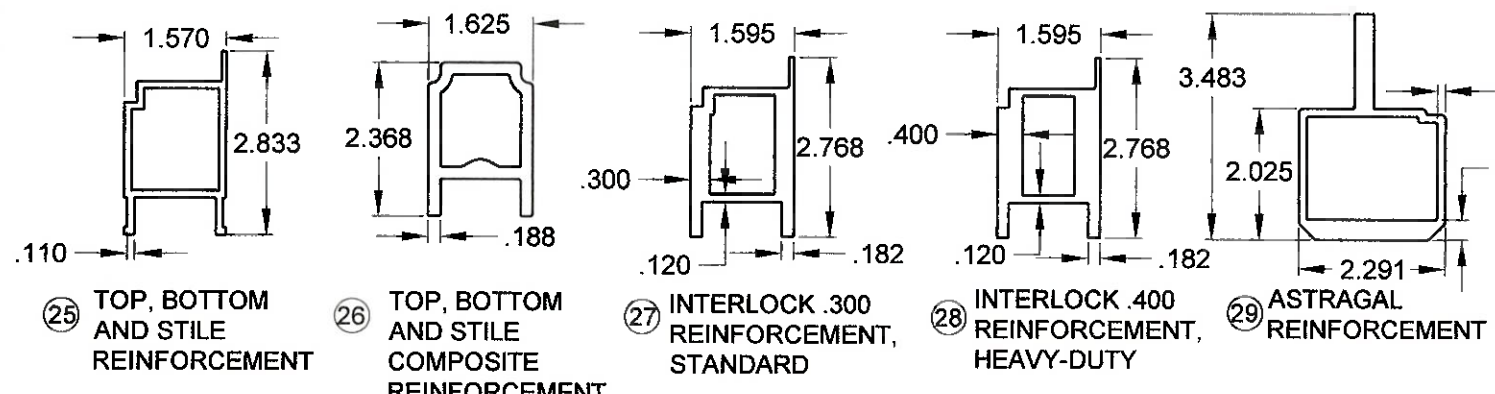
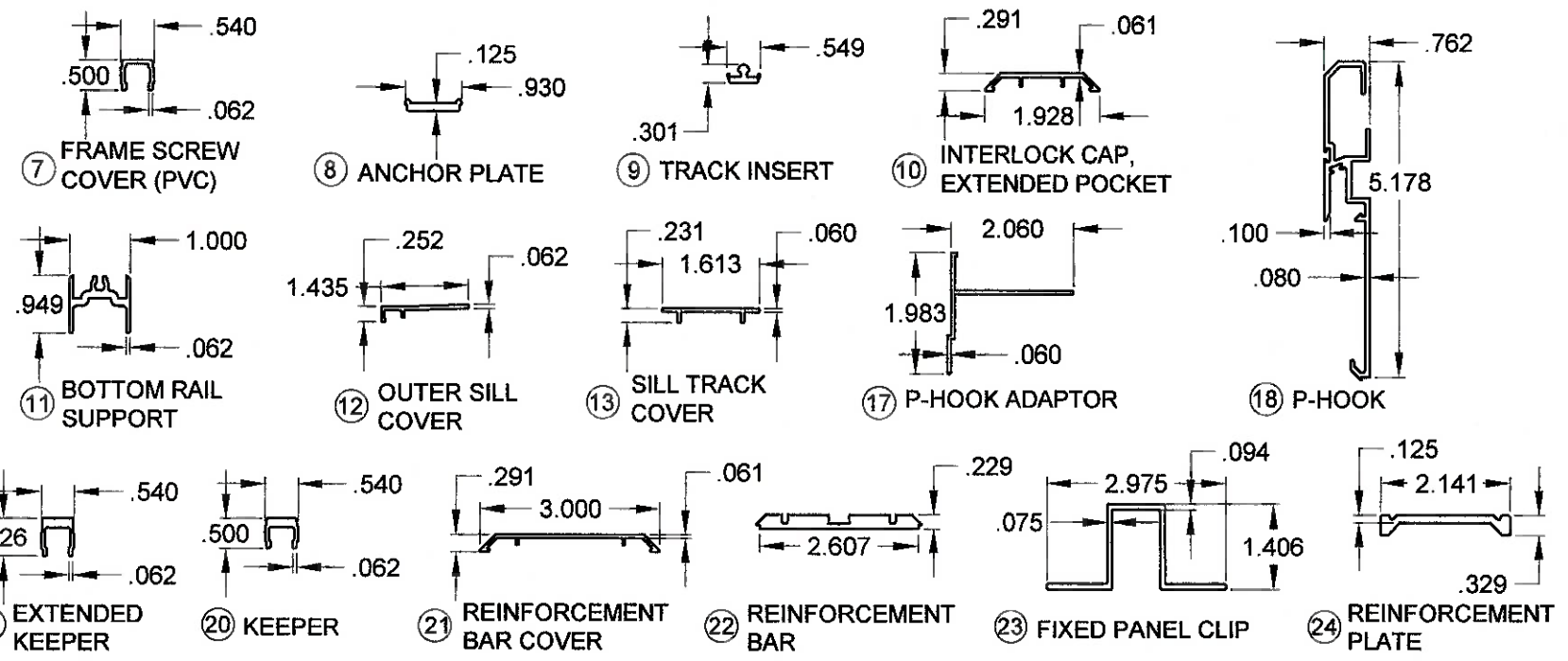
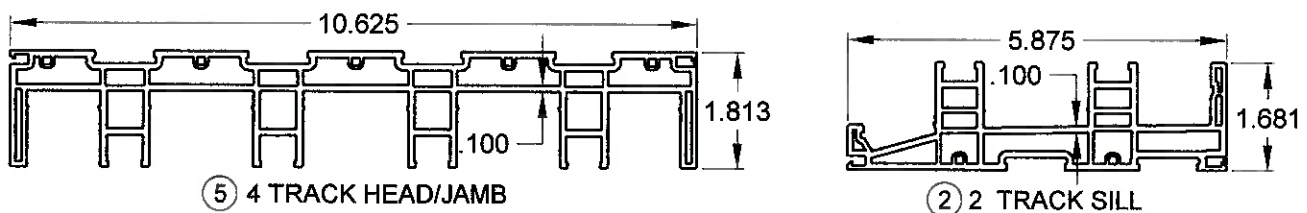
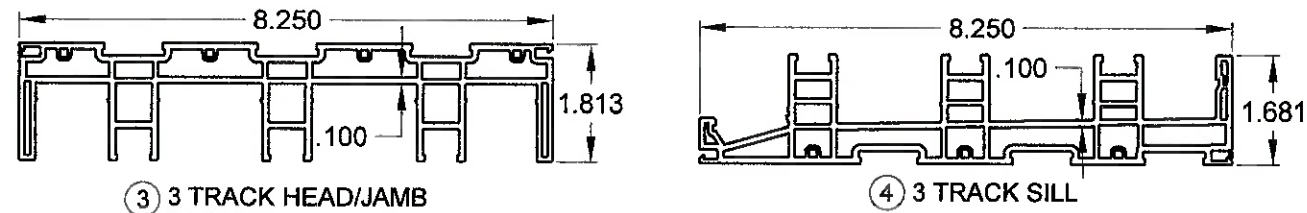
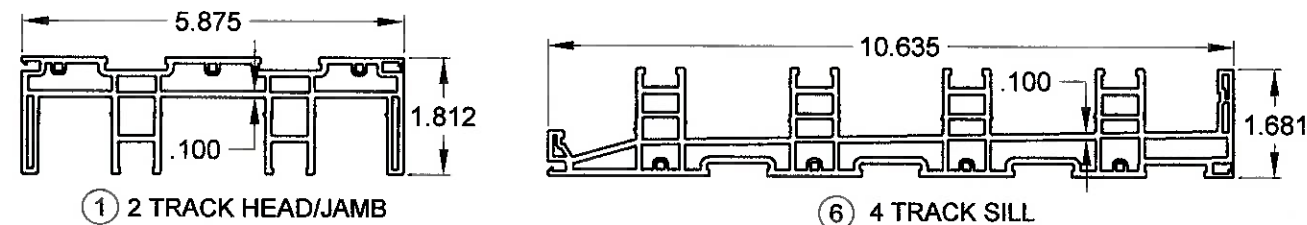
SCREEN PANEL TYPES			
C	DOUBLE INTERLOCK		ASTRAGAL
M	LOCKSTILE		DOUBLE INTERLOCK
J	LOCKSTILE		ASTRAGAL
SD	SINGLE INTERLOCK		DOUBLE INTERLOCK
A	DOUBLE INTERLOCK		LOCKSTILE
U	ASTRAGAL		LOCKSTILE
DS	DOUBLE INTERLOCK		SINGLE INTERLOCK

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-0205.01
Expiration Date 04/14/2026
By Ishag I. Chande
Miami-Dade Product Control

**Impact Resistant
Windows & Doors**
WERE STRONGER™
CGI Windows and Doors, Inc.
3780 W. 104th Street Hialeah, FL 33018
Tel: 305.593.6590
PREP. BY: A. LYNN MILLER, P.E.
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

Series	SGD-7650	Scale	NTS	Sheet	17 OF 21	DWG No.	MD-7650.0	Rev. No.	B
Title	VINYL SLIDING GLASS DOOR NOA (LM)					Date	10/05/15		
Desc.	PANEL TYPES					Drawn By	J ROSOWSKI		
Rev.	B) NO CHANGES THIS SHEET.					Rev. Date	01/27/21		
Rev.						Rev. Date			





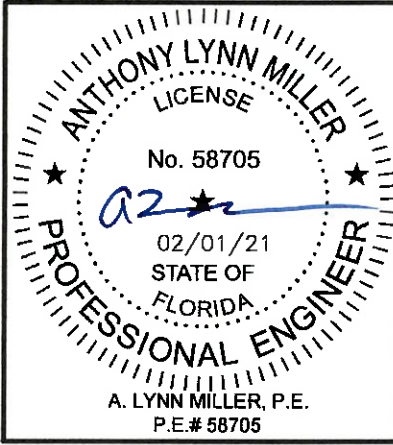
NOTES:

1) SEE SHEET 4 FOR SILL RISERS.

2) SEE SHEET 20 FOR SCREEN PARTS.

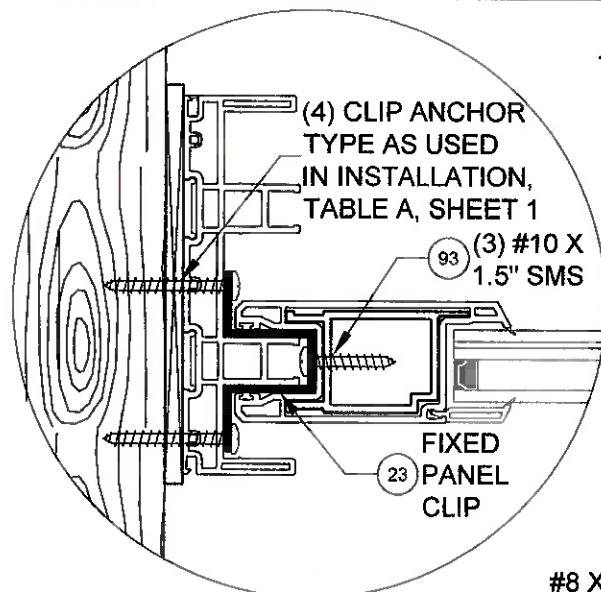
3) ALL DIMENSIONS IN INCHES.

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 21-0205.01
Expiration Date 04/14/2026
By *Ishag I. Chande*
Miami-Dade Product Control



Impact Resistant Windows & Doors
WE'RE STRONGER™
CGI Windows and Doors, Inc.
3780 W. 104th Street Hialeah, FL 33018
Tel: 305.593.6590
PREP. BY: A. LYNN MILLER, P.E.
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

Title		VINYL SLIDING GLASS DOOR NOA (LM)		Date		10/05/15	
Desc.		EXTRUSIONS		Drawn By		J ROSOWSKI	
Rev.		B) NO CHANGES THIS SHEET.		Rev. Date		01/27/21	
Series		SGD-7650		Scale		NTS	
Sheet		18 OF 21		DWG No.		MD-7650.0	
Rev.		B		Rev. No.		B	



1) INSTALL
CLIP INTO
PANEL
STILE

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

2) INSTALL CLIP
INTO FRAME JAMB
& SUBSTRATE,
USING 4
INSTALLATION
ANCHORS, SEE
TABLE 1

HEADER BLOCK TO HEAD ATTACHMENT

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

(64) **HEADER
BLOCK**

JAMB TO HEAD ASSEMBLY

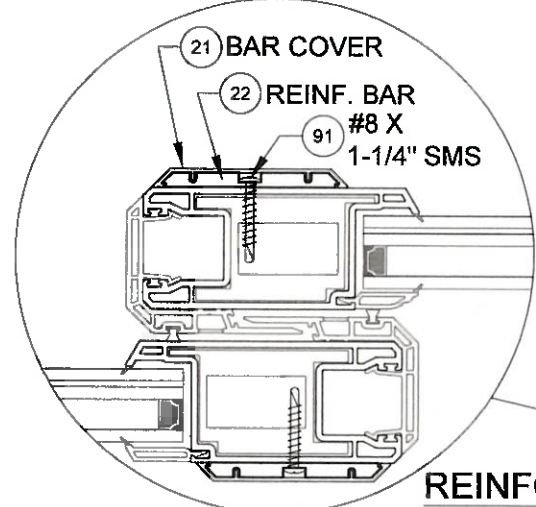
(3) #8 X
1" SMS

(4) #10
X 2" SMS

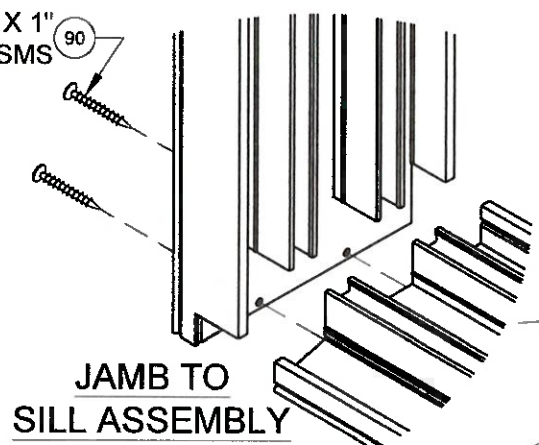
KEEPER (19)

(4) THRU KEEPER @ MAX
3.5" O.C., SEE SHEET 19

KEEPER TO JAMB ATTACHMENT

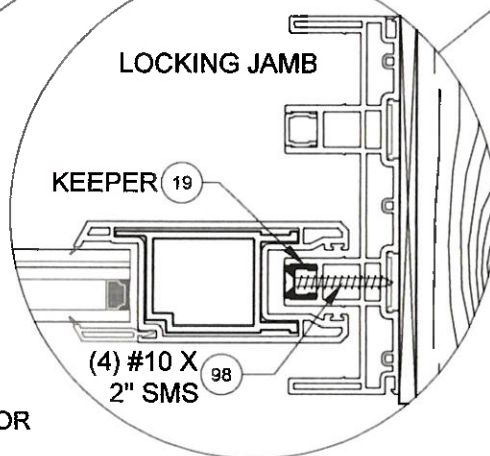


REINFORCEMENT PLATE
ATTACH WITH #8 X 1-1/4"
@ 34-1/2" MAX O.C.



**JAMB TO
SILL ASSEMBLY**

4-PANEL, 2-TRACK
OXXX SHOWN



LOCKING JAMB

KEEPER (19)

(4) #10 X
2" SMS

INTERIOR

EXTERIOR

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.

**Impact Resistant
Windows & Doors**
WE'RE STRONGER™
CGI Windows and Doors, Inc.
3780 W. 104th Street Hialeah, FL 33018
Tel: 305.593.6590
PREP. BY: A. LYNN MILLER, P.E.
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

Series	SGD-7650	Scale	NTS	Sheet	19 OF 21	DWG No.	MD-7650.0	Rev. No.	B
Title	VINYL SLIDING GLASS DOOR NOA (LM)					Date	10/05/15		
Desc.	ACCESSORIES INSTALLATION					Drawn By	J ROSOWSKI		
Rev.	B) NO CHANGES THIS SHEET.					Rev. Date	01/27/21		

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-0205.01
Expiration Date 04/14/2026
By *Ishag I. Chande*
Miami-Dade Product Control

ANTHONY LYNN MILLER
LICENSE
No. 58705
A2
02/01/21
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

**PANEL
ASSEMBLY**
ALL PANEL CORNERS
WELDED, NO ASSEMBLY
FASTENERS

**BOTTOM RAIL
SUPPORT**

(2) #10 X 1" SMS
THROUGH SUPPORT,
INTO PANEL

**INTERLOCK SILL RETAINER
CLIP ATTACHMENT**

INSTALL ONE ASSEMBLY AT EACH INTERLOCK

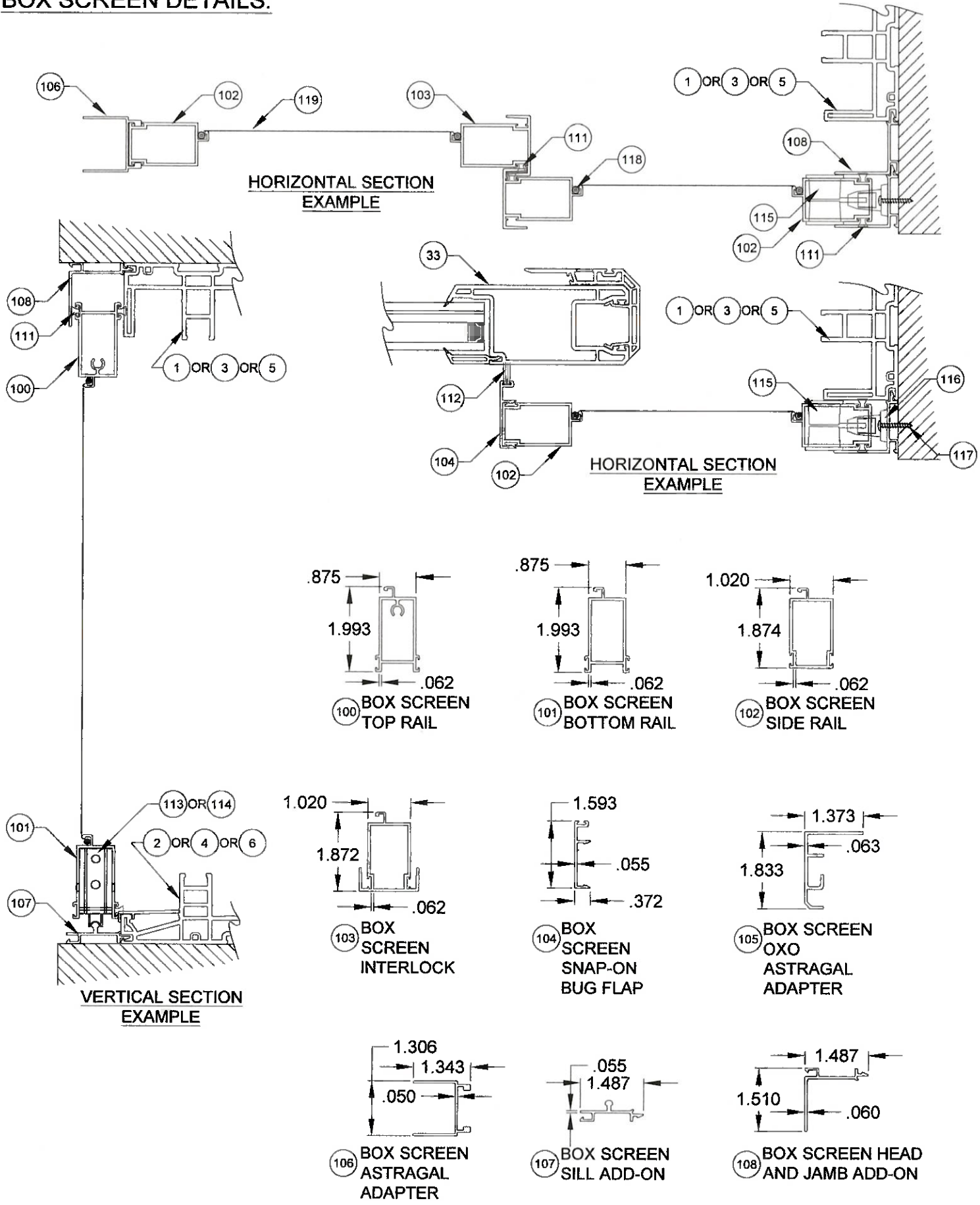
(60) **INTERLOCK
CLIP COVER**

(24) **INTERLOCK
REINF. PLATE**

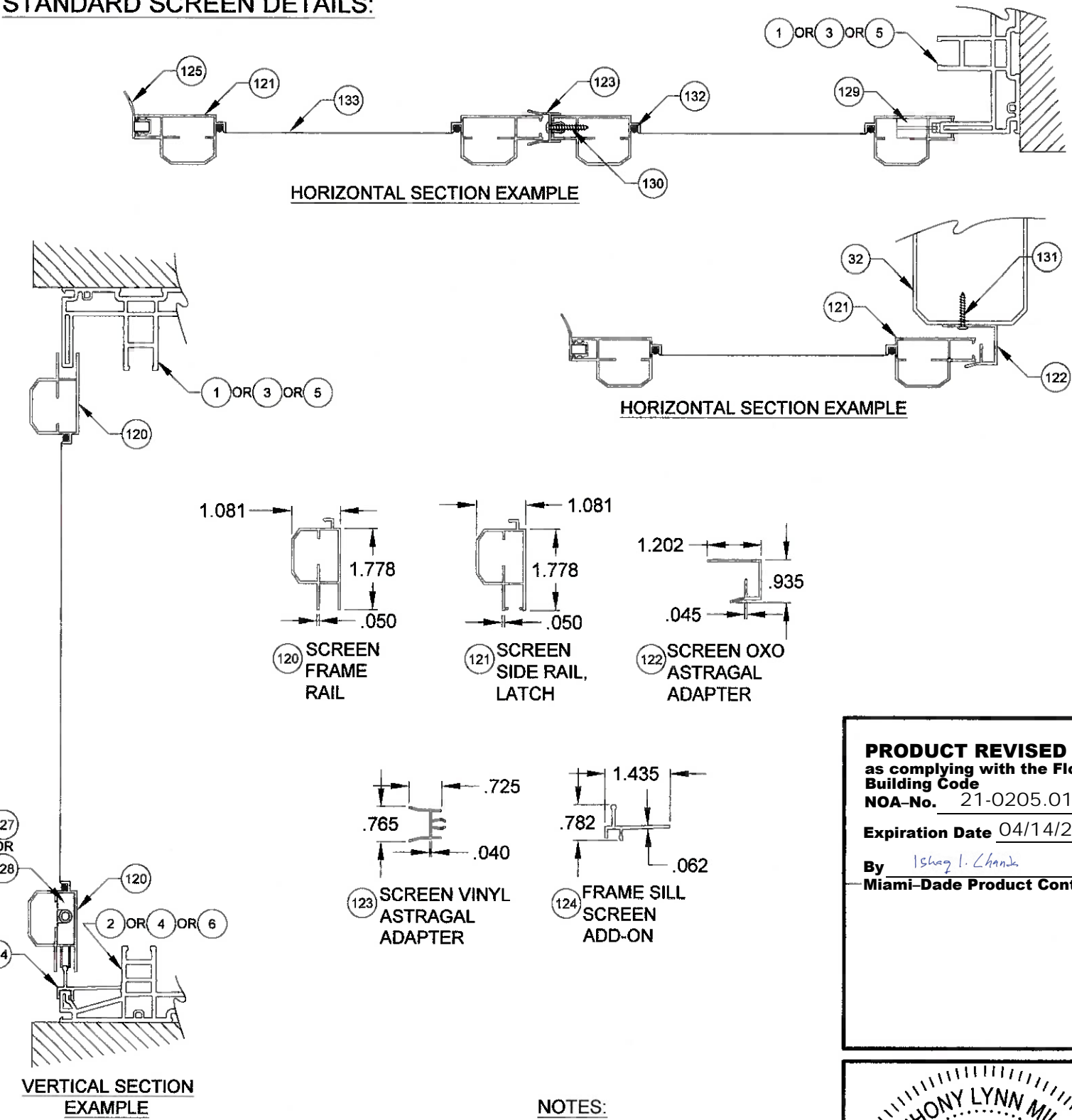
(94) #10 X
2-1/2" SMS

(93) #10 X
1-1/2" SMS

BOX SCREEN DETAILS:



STANDARD SCREEN DETAILS:



NOTES:
1) ALL DIMENSIONS IN INCHES.

Impact Resistant Windows & Doors
WERE STRONGER™
CGI Windows and Doors, Inc.
3780 W. 104th Street Hialeah, FL 33018
Tel: 305.593.6590
PREP. BY: A. LYNN MILLER, P.E.
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

Series	SGD-7650	Scale	NTS	Sheet	20 OF 21	DWG No.	MD-7650.0	Rev. No.	B
Rev.									
Dec.	VINYL SLIDING GLASS DOOR NOA (LM)					Date	10/05/15		
Rev.	SCREEN DETAILS					Drawn By	J ROSOWSKI		
Rev.	B) NO CHANGES THIS SHEET.					Rev. Date	01/27/21		

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 21-0205.01
Expiration Date 04/14/2026
By *Ishag I. Chande*
Miami-Dade Product Control

ANTHONY LYNN MILLER
LICENSE
No. 58705
ALM
02/01/21
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

TABLE C:

#	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

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

#	Part #	Description	Material
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
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 Mortise Lock w/long Trim plate	Steel/SS
70	71032X1FPFX	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	See Sheet 10 for Materials
76		Quanex Super Spacer nXT with Hot Melt Butyl	
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	71420X2.25FPFX	#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	710X2PPX	#10 x 2" Ph. FH SMS @ Keeper	SS

**Impact Resistant Windows & Doors**
WE'RE STRONGER™
CGI Windows and Doors, Inc.
3780 W. 104th Street Hialeah, FL 33018
Tel: 305.593.6590

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

Title	VINYL SLIDING GLASS DOOR NOA (LM)		Date	10/05/15	
Desc.	PARTS LIST		Drawn By	J ROSOWSKI	
Rev.	B) NO CHANGES THIS SHEET.		Rev. Date	01/27/21	
Series	SGD-7650	Scale	NTS	Sheet	21 OF 21
DWG No.	MD-7650.0		Rev. No.	B	

TABLE D: 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

TABLE E: 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) ITEMS #14-16, 46-49, 53-59, 73, 74 & 87-89 & 99 ARE NOT USED AND ARE NOT PART OF THIS APPROVAL.

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 21-0205.01
Expiration Date 04/14/2026
By *Isheq L. Chande*
Miami-Dade Product Control

