



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

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

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 "5570/2770" Vinyl Sliding Glass Door (Reinforced)-L.M.I.

APPROVAL DOCUMENT: Drawing No. MD-5570.0, 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 A. 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 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 NOA #15-1210.01 and consists of this page 1 and evidence pages E-1, E-2, E-3 & E-4 as well as approval document mentioned above.

The submitted documentation was reviewed by Jorge M. Plasencia, P.E.

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MIAMI-DADE COUNTY
NOA for Sliding Glass Door 17042006.pdf

NOA No. 17-0420.06

Expiration Date: April 14, 2021

Approval Date: September 28, 2017

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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 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 A. Lynn 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)
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)
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)
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 202-94along 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)

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B. TESTS (continued)

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)

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 8552**, dated 12/04/15, signed and sealed by Idalmis Ortega, P. E. (Test report revised on 02/15/2016)

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)

C. CALCULATIONS

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.

(Submitted under NOA No. 15-1210.01)

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Jorge M. Plasencia, P.E.
Product Control Unit Supervisor
NOA No. 17-0420.06
Expiration Date: April 14, 2021
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C. CALCULATIONS (cont.)

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.

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F. STATEMENTS

1. Statement letter of conformance with **FBC-5th Edition (2014)** and **FBC-6th Edition (2017)**, issued by manufacturer, dated 08/14/17, signed & sealed by 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. Letter of lab compliance, part of the above test reports.
4. RER Test Proposal No. 17-0387, dated 05/05/17, signed by Ishaq Chanda, P.E.

G. OTHER

1. Notice of Acceptance No. **15-1210.01**, issued to PGT Industries, for their Series **“5570/2770” Vinyl Sliding Glass Door (Reinforced) – L.M.I.**”, approved on 03/03/16 and expiring on 04/14/21.

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.
6) REFERENCES (NOA'S): ELCO ULTRACON, CRETEFLEX & AGGREGATOR 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) NOTHING HAS BEEN DONE TO EXCEED THE GUIDELINES OF THIS SHEET-SET.
6) ADDITIONALLY, SEE THE EXAMPLE ON SHEET 9.

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	9/16"	1-3/8"
		P-hook		9/16"	1-3/8"
		Aluminum, 6063-T5* (0.125" min. thickness)	Head/Sill/Jamb	3/8"	1/8"
		P-hook		3/8"	1/8"
		Steel, A36* (0.060" min. thickness)	Head/Sill/Jamb	3/8"	0.060"
		P-hook		3/8"	0.060"
		Steel Stud, A653 Gr. 33* (0.071" min. thickness)	Head/Sill/Jamb	3/8"	0.071" (14 Ga.)
		P-hook		3/8"	0.071" (14 Ga.)
	1/4" Elco Ultracon	P.T. Southern Pine (SG=0.55)	Jamb	1"	1-3/8"
	1/4" Elco 410 S.S. CreteFlex	P.T. Southern Pine (SG=0.55)	Head/Sill/Jamb	1"	1-3/8"
		P-hook		1"	1-3/8"
B	#12, steel wood screw (G5)	P.T. Southern Pine (SG=0.55)	Head/Sill/Jamb	9/16"	1-3/8"
		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"
		Jamb		1"	1-1/4"
	1/4" Elco 410 S.S. CreteFlex	UngROUTED CMU, (ASTM C-90)	P-hook	1"	1-1/4"
		Jamb		1-3/4"	1-1/4"
		P-hook		1-3/4"	1-1/4"
	1/4" Elco 18-8 S.S. Aggre-Gator	Concrete (min. 3.35 ksi)	Head/Sill/Jamb	1-3/16"	1-3/4"
		P-hook		1"	1-3/4"
		Concrete (min. 2.22 ksi)	Head/Sill/Jamb	1-1/2"	1-3/8"
		P-hook		1-1/2"	1-3/8"
		UngROUTED CMU, (ASTM C-90)	Jamb	2"	1-1/4"
		P-hook		2"	1-1/4"
D	1/4" Elco Ultracon	P.T. Southern Pine (SG=0.55)	Head/Sill/Jamb	1"	1-3/8"
		P-hook		1"	1-3/8"
		Concrete (min. 2.85 ksi)	Head/Sill/Jamb	2-1/2"	1-3/8"
	1/4" Elco 410 S.S. CreteFlex	P-hook		2-1/2"	1-3/8"
		UngROUTED CMU, (ASTM C-90)	Jamb	2-1/2"	1-1/4"
		P-hook		2-1/2"	1-1/4"
	1/4" Elco 410 S.S. CreteFlex	Concrete (min. 3.35 ksi)	Head/Sill/Jamb	2-1/2"	1-3/4"
		P-hook		2-1/2"	1-3/4"
		UngROUTED CMU, (ASTM C-90)	Jamb	2-1/2"	1-3/8"
		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.

CODES / STANDARDS USED:

- 2017 FLORIDA BUILDING CODE (FBC), 6TH EDITION
- 2014 FLORIDA BUILDING CODE (FBC), 5TH EDITION
- ASTM E1300-09
- ANSI/AF&PA NDS-2015 FOR WOOD CONSTRUCTION
- ALUMINUM DESIGN MANUAL, ADM-2015
- AISI S100-12
- AISC 360-10

Material	Min. F _y	Min. F _u
Steel Screw	92 ksi	120 ksi
410 Screw	90 ksi	110 ksi
Elco Aggre-Gator®	57 ksi	96 ksi
Elco UltraCon®	155 ksi	177 ksi
410 SS 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

IMPACT RATING
RATED FOR LARGE & SMALL
MISSILE IMPACT RESISTANCE

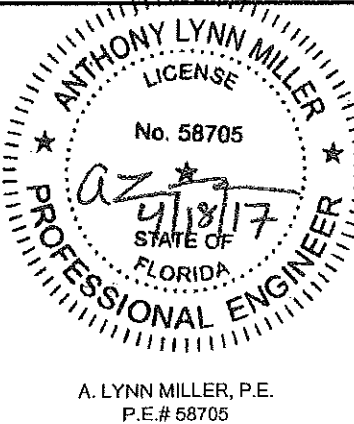
DESIGN PRESSURE RATING
SEE TABLES 1, 2 & B1, B2
ON SHEETS 7 & 8

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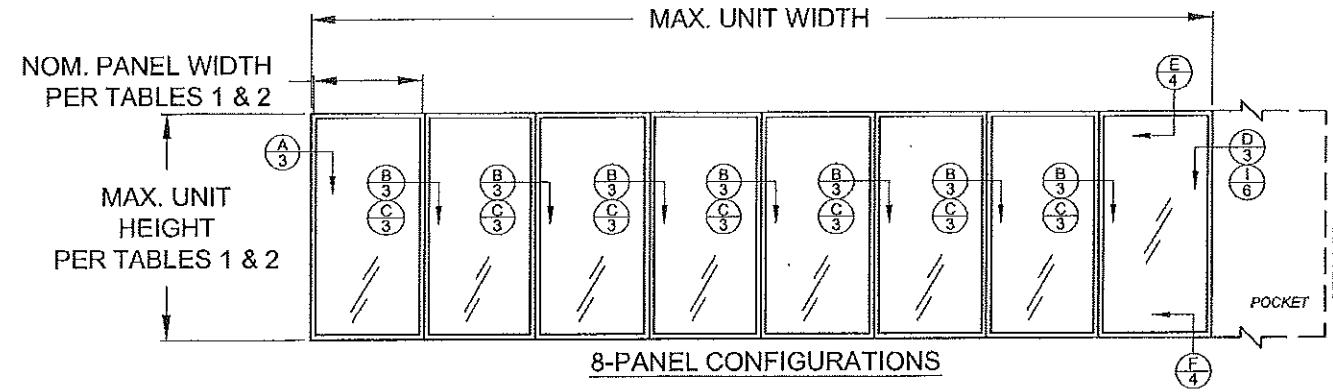
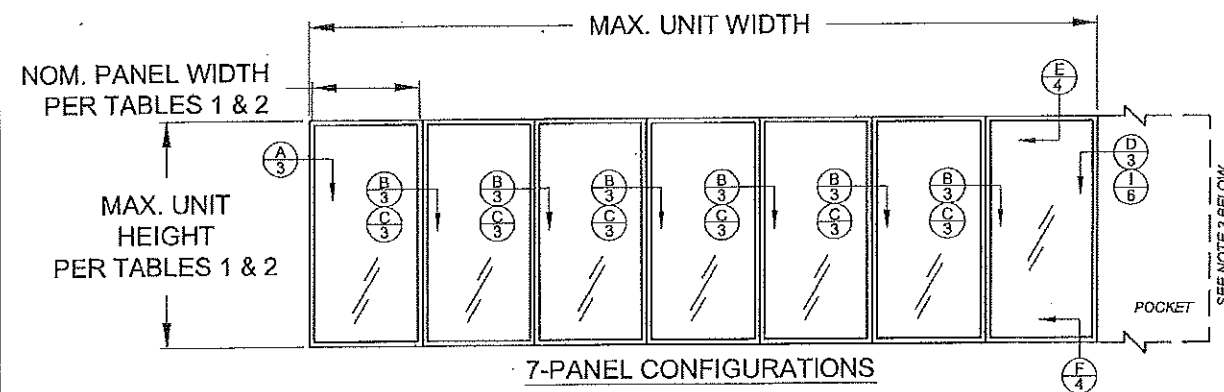
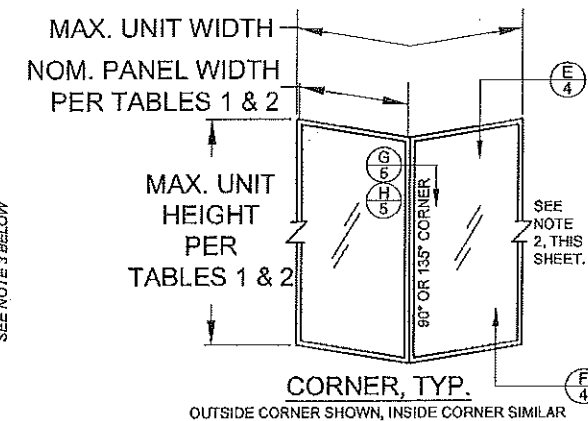
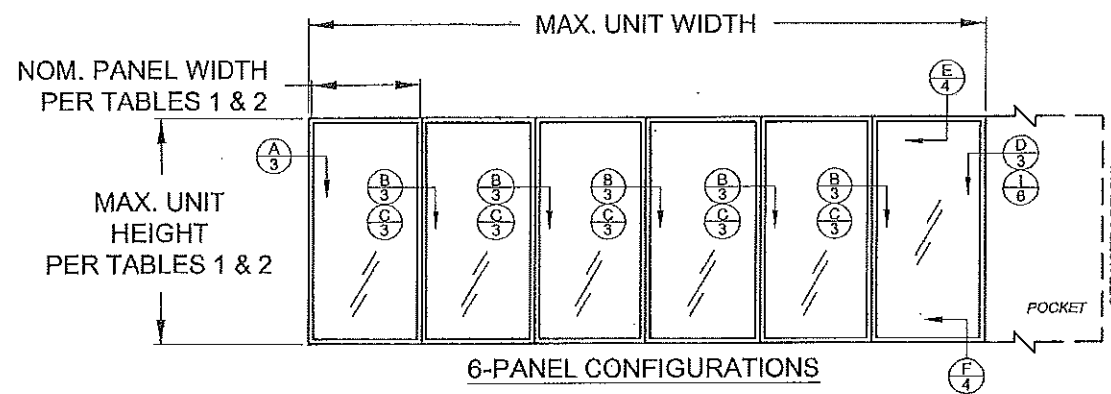
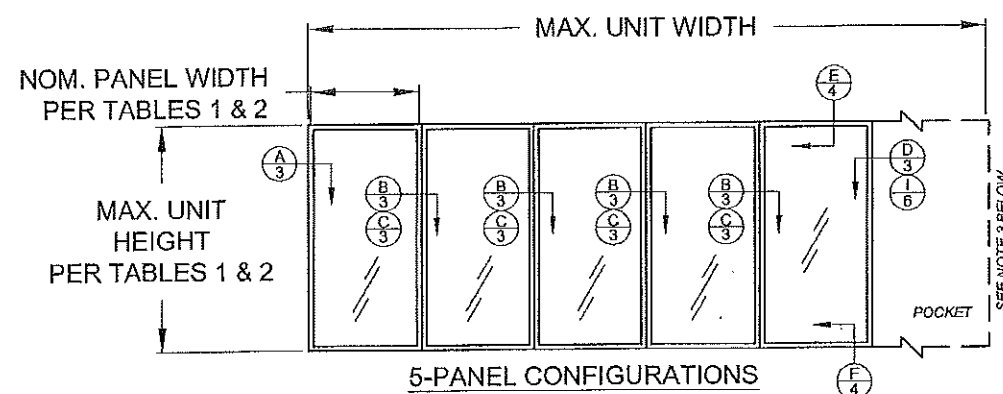
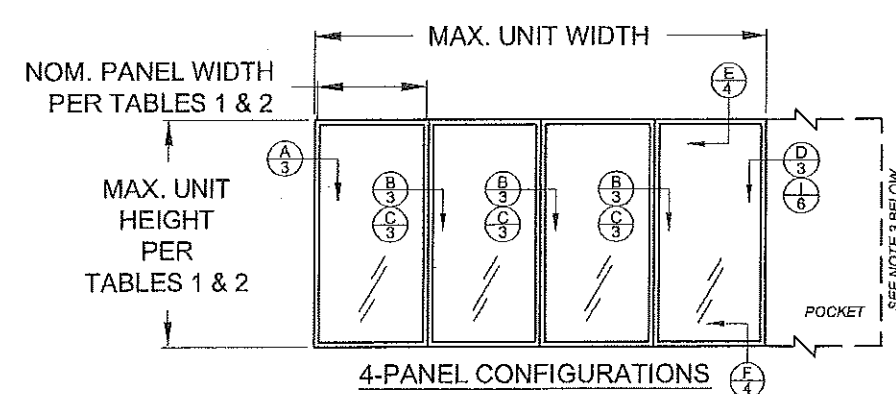
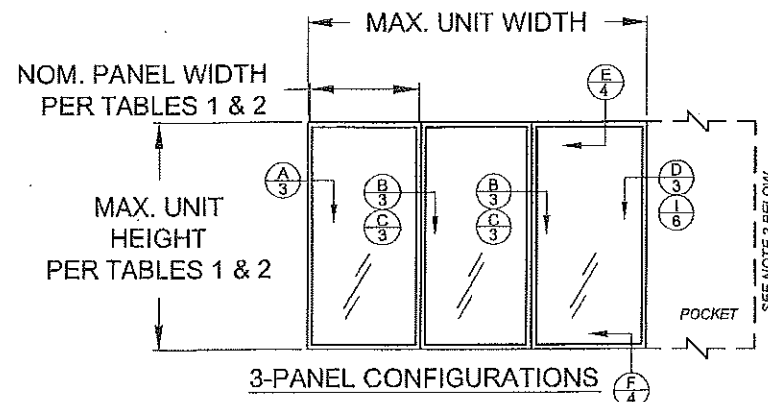
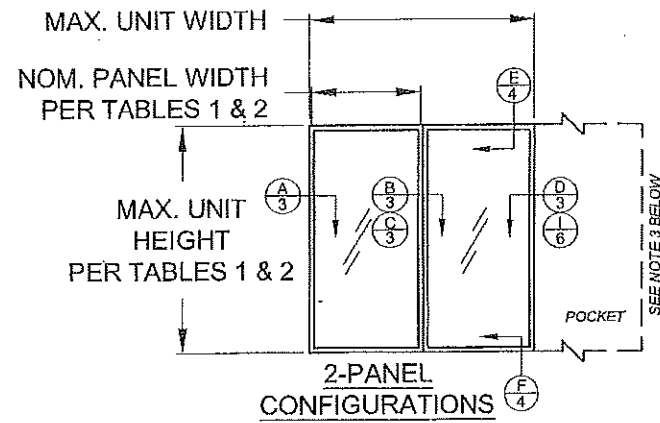
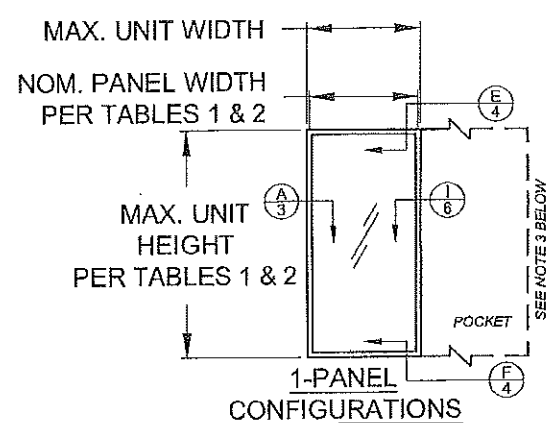
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 17-0420.06

Expiration Date 04/14/2021

By
Miami-Dade Product Control



Title	VINYL SLIDING GLASS DOOR NOA (LM)	Date	10/05/15
Desc.	GENERAL NOTES	Drawn By	J ROSOWSKI
Rev	UPDATED TO FBC 2017, VINYL MFG.	Rev Date	04/05/17
Series	SGD-5570	Scale	NTS
Sheet	1 OF 21	DWG No.	MD-5570.0
Rev. No.	A		



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 WITH 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"

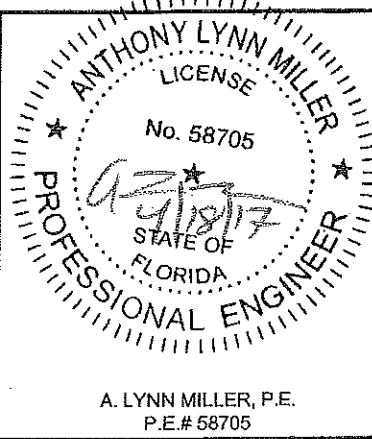


Series	SGD-5570	Scale	NTS	Sheet	2 OF 21	DWG. No.	MD-5570.0	Rev. No.	A
Desc.	VINYL SLIDING GLASS DOOR NOA (LM)					Date	10/05/15		
Rev	1	Rev	1	Rev	1	Rev	1	Rev	1
EXAMPLE CONFIGURATIONS						Drawn By	J ROSOWSKI		
NO CHANGES THIS SHEET.						Rev Date	04/05/17		

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **17-0420.06**

Expiration Date **04/14/2021**

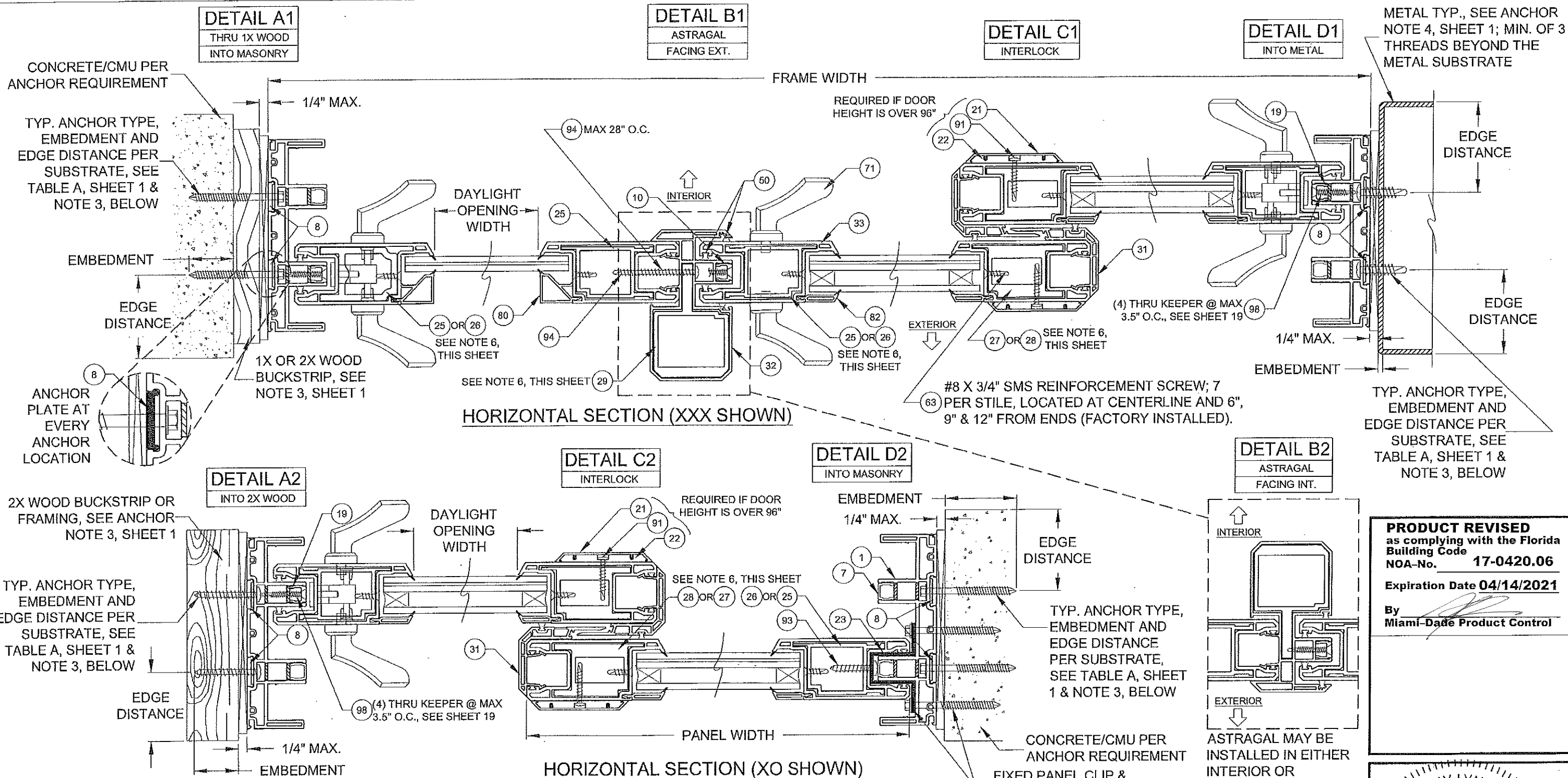
By *[Signature]*
Miami-Dade Product Control



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3419015717 - 11/14/2019 12:25:30 PM
NOA for Sliding Glass Door 17042006.pdf

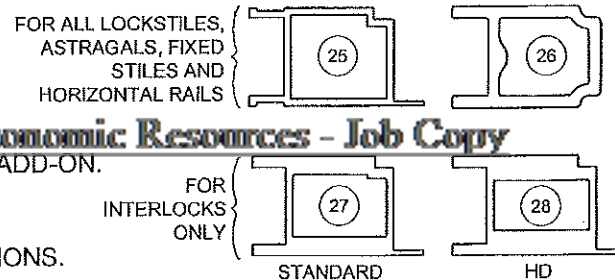
DETAIL LETTER
X
SHEET NUMBER



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
- 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)

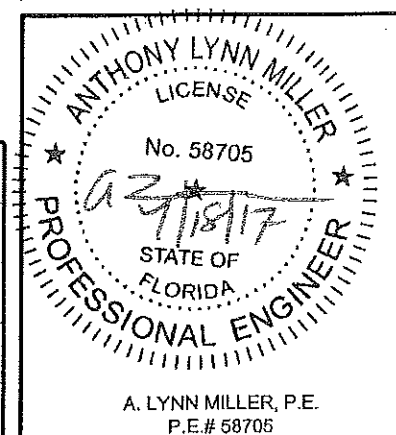


Series	SGD-5570	Scale	NTS	Sheet	3 OF 21	DWG No.	MD-5570.0	Rev. No.	A
Rev								Rev Date	
Rev	NO CHANGES THIS SHEET.							Rev Date	04/05/17
Desc.	INSTALLATION, HORIZONTAL X-SECT.						Drawn By	J ROSOWSKI	
Title	VINYL SLIDING GLASS DOOR NOA (LM)							Date	10/05/15

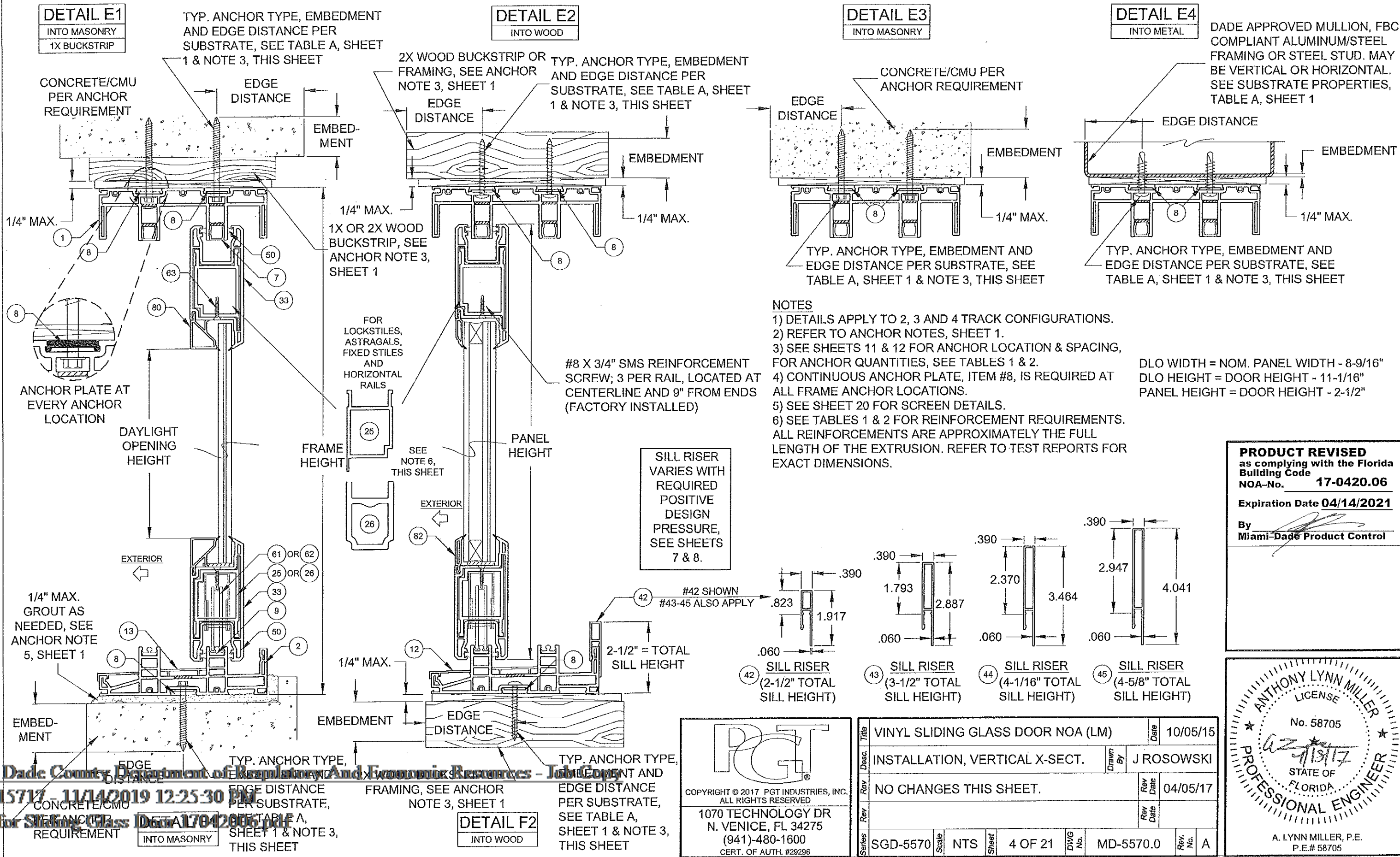
PRODUCT REVISED
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NOA-No. **17-0420.06**

Expiration Date **04/14/2021**

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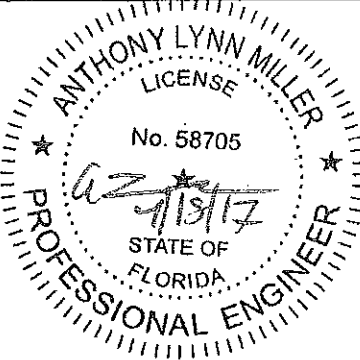
Miami Dade County Department of Regulatory and Economic Resources - Job Copy
3419015717 - 11/14/2019 12:25:30 PM
NOA for Sliding Glass Door 17042006.pdf



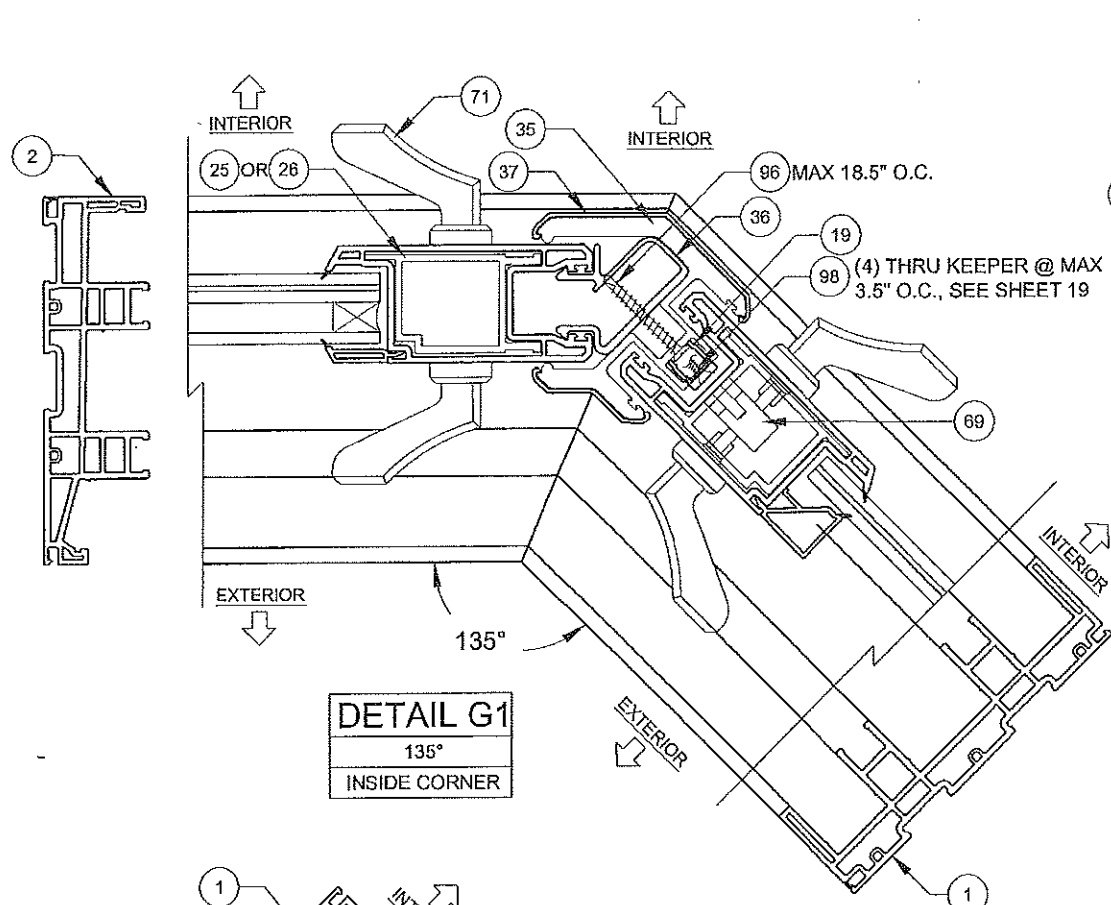
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N. VENICE, FL 34275
(941)-480-1600
CERT. OF AUTH. #29296

Title	VINYL SLIDING GLASS DOOR NOA (LM)						Date	10/05/15	
Desc.	INSTALLATION, VERTICAL X-SECT.					Drawn By	J ROSOWSKI		
Rev	NO CHANGES THIS SHEET.						Rev Date	04/05/17	
Rev							Rev Date		
Series	SGD-5570	Scale	NTS	Sheet	4 OF 21	DWG No.	MD-5570.0	Rev. No.	A

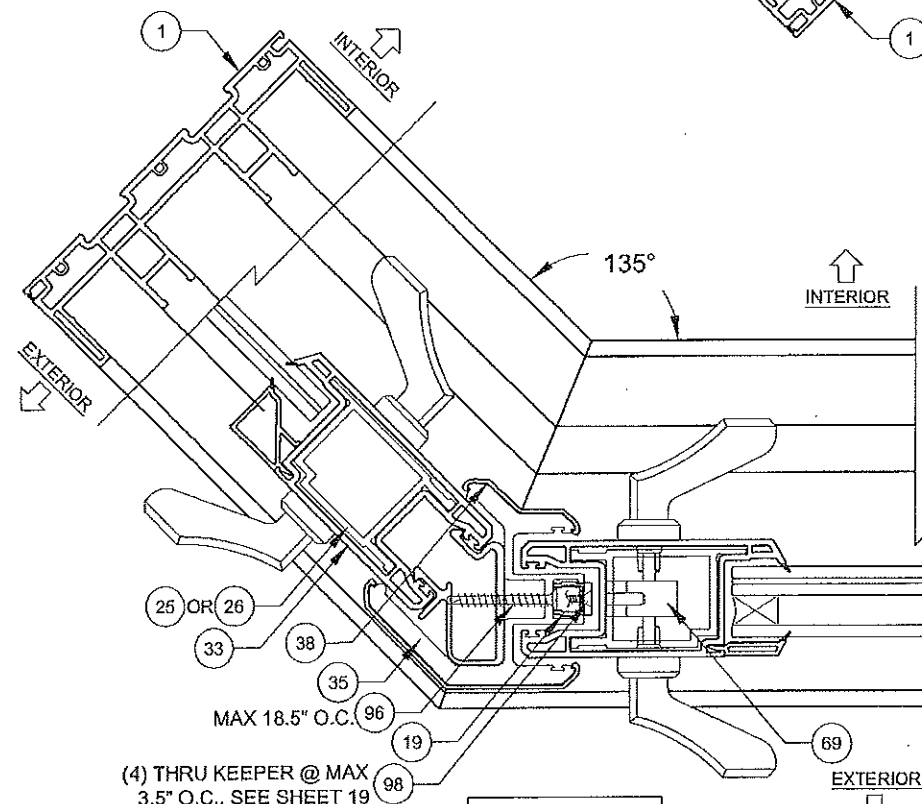
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NOA-No. **17-0420.06**
Expiration Date **04/14/2021**
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Miami-Dade Product Control



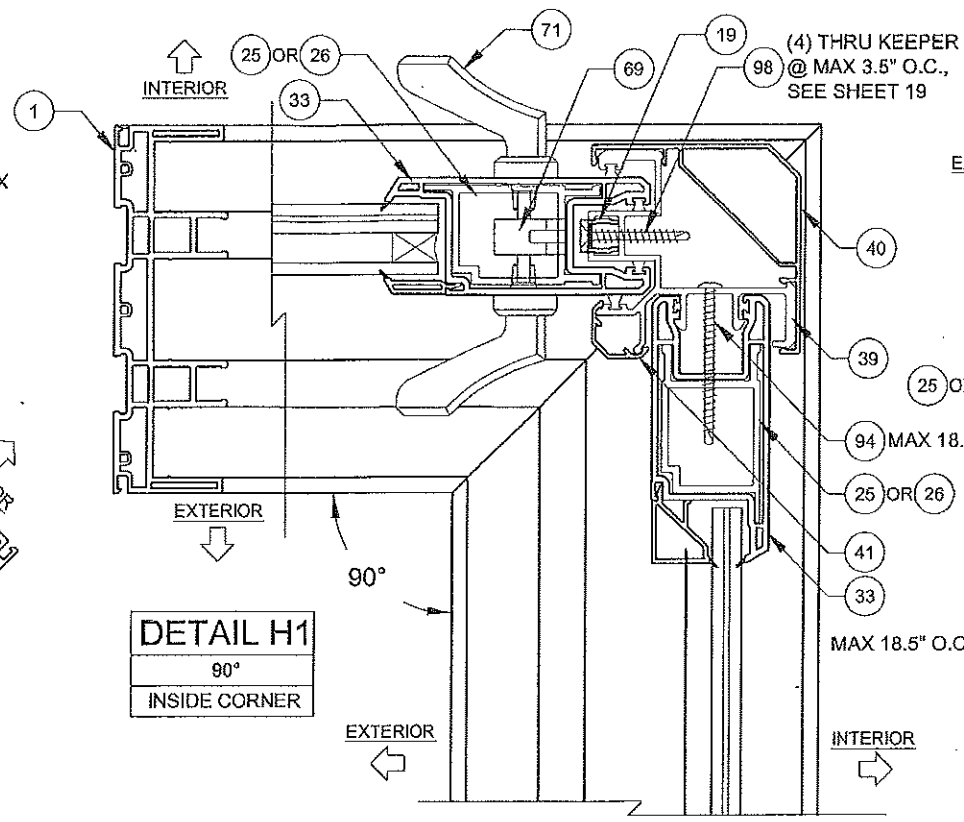
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No. 58705
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FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



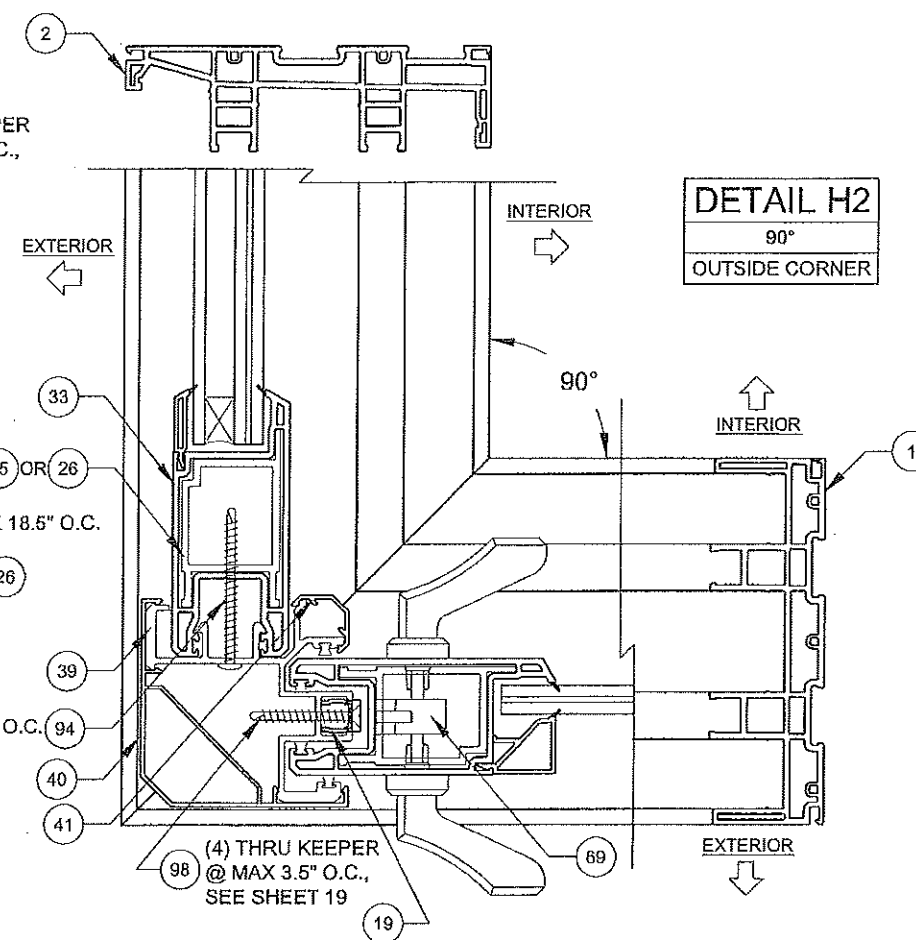
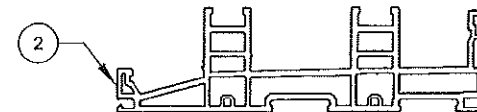
DETAIL G1
135°
INSIDE CORNER



DETAIL G2
135°
OUTSIDE CORNER



DETAIL H1
90°
INSIDE CORNER



DETAIL H2
90°
OUTSIDE CORNER

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.

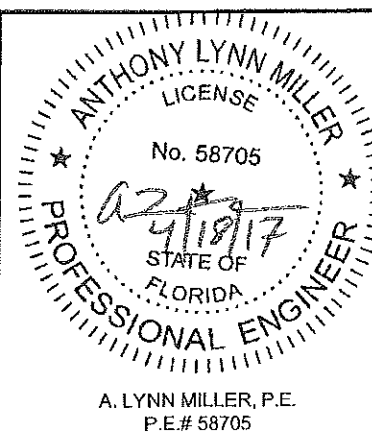


Series	Rev	Rev	Rev	Desc.	Title	Date
SGD-5570				CORNER ASTRAGAL HORIZ. X-SECT.	VINYL SLIDING GLASS DOOR NOA (LM)	10/05/15
					Drawn By J ROSOWSKI	
				NO CHANGES THIS SHEET.		04/05/17

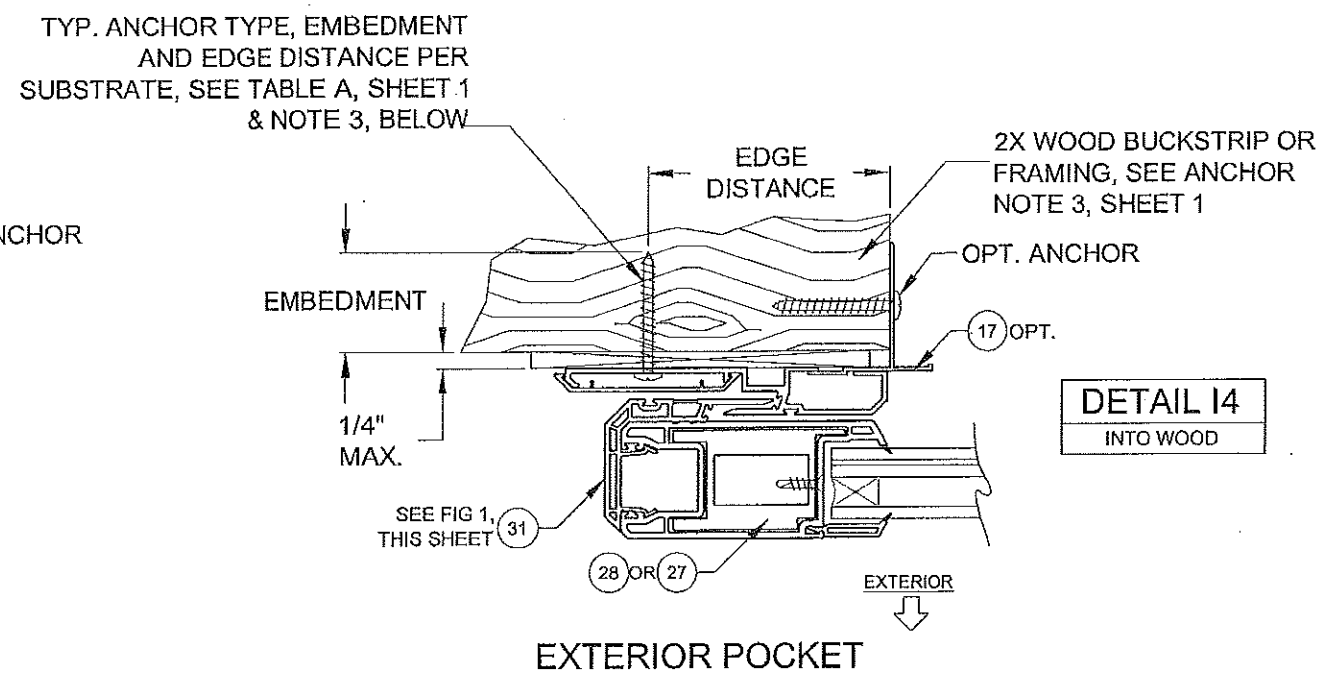
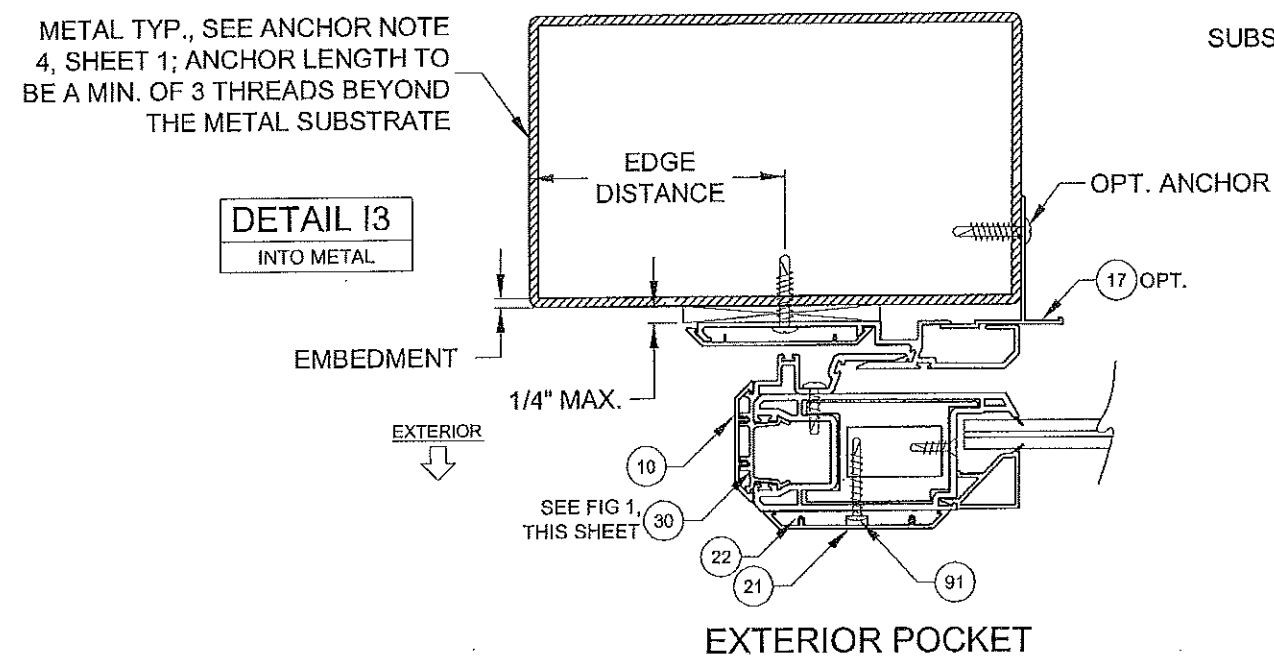
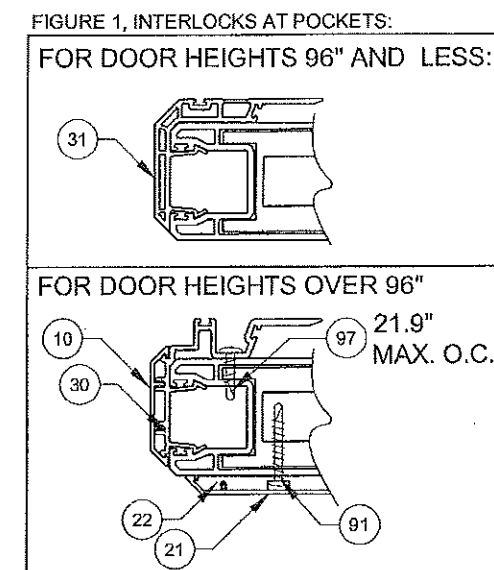
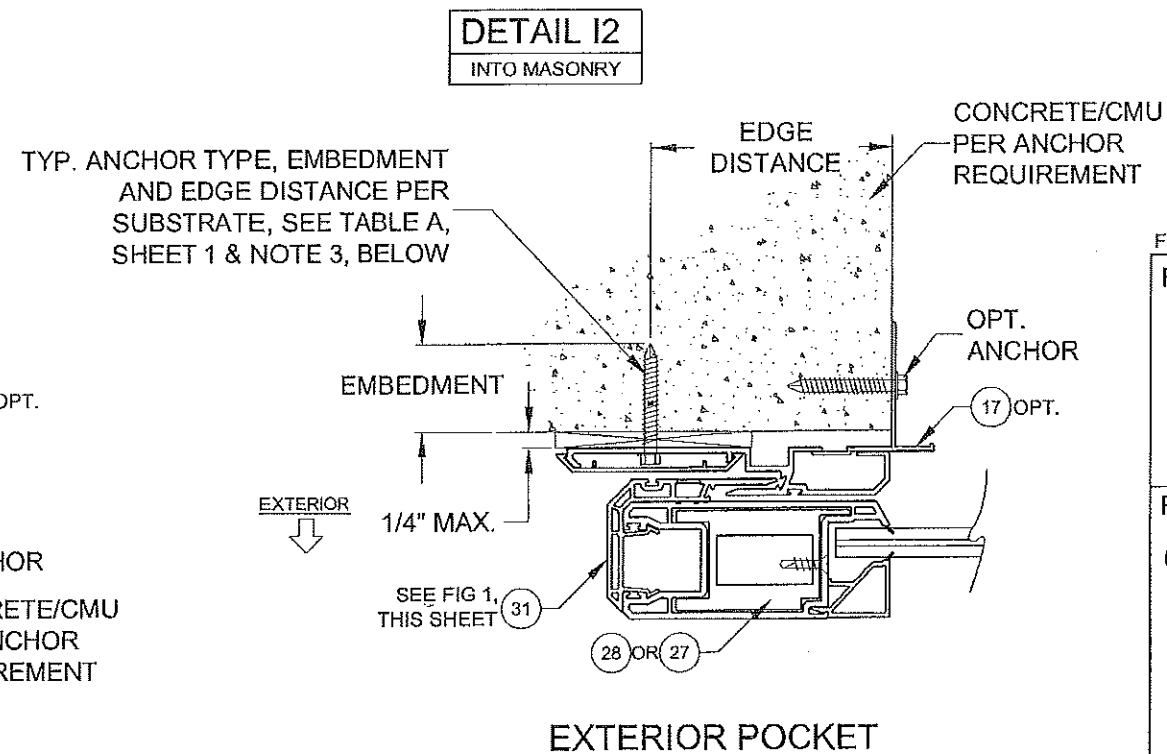
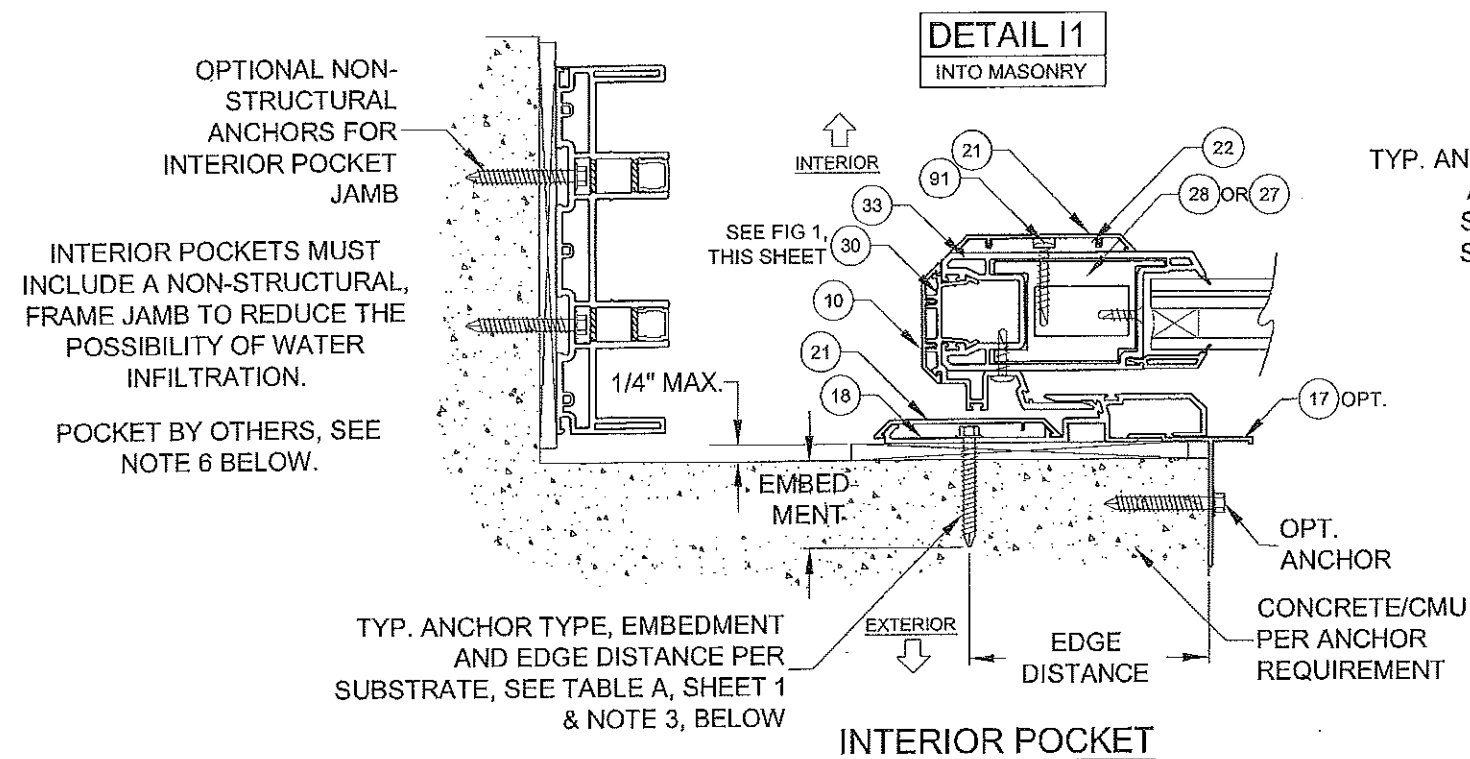
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NOA-No. **17-0420.06**

Expiration Date **04/14/2021**

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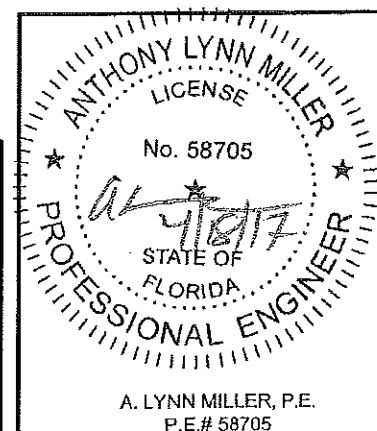
NOTES

- 1) DETAILS APPLY TO 2, 3 AND 4 TRACK CONFIGURATIONS.
- 2) SEE SHEET 12 FOR ANCHOR LOCATION & SPACING, FOR ANCHOR QUANTITIES, SEE TABLES 1 & 2.
- 3) SEE TABLES 1 & 2 FOR REINFORCEMENT REQUIREMENTS.
- 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.



Series	SGD-5570	Scale	NTS	Sheet	6 OF 21	DWG No.	MD-5570.0	Rev. No.	A
Rev	Rev	Rev	Rev	Rev	Rev	Rev	Rev	Rev	Rev
Desc.	VINYL SLIDING GLASS DOOR NOA (LM)					Date	10/05/15		
Rev	P-HOOK EXAMPLES, HORIZ. X-SECT.					Drawn By	J ROSOWSKI		
Rev	NO CHANGES THIS SHEET.					Rev Date	04/05/17		

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Use this table for: Glass Types 1, 1A, 3 or 3A Astragal Reinforcement #29 Lockstyle 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"	19-1/8" 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"	25-1/8" 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"	31-1/8" 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"	37-1/8" 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"	43-1/8" 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

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

OH LENGTH

OH HEIGHT

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

ANTHONY LYNN MILLER
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ALM
4/18/17

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

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"			
				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			
Nominal Panel Width	24"	19-1/8" 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"	25-1/8" 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	C5+1	C3+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
Nominal Panel Width	36"	31-1/8" 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	C5+1	C3+1	C5+1	C3+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"	37-1/8" 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	7	6	6
			P-hook	7	7	7	7	7	7	7	7	8	8	8	8	9	9	9	9	10	10	10	10
Nominal Panel Width	48"	43-1/8" 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"	49-1/8" 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
Nominal Panel Width	60"	55-1/8" 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.

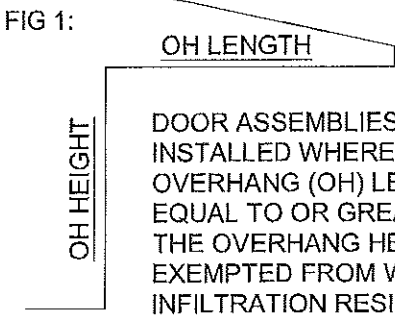


TABLE B2:

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

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NOA-No. **17-0420.06**
Expiration Date **04/14/2021**
By
Miami-Dade Product Control

TABLE NOTES:

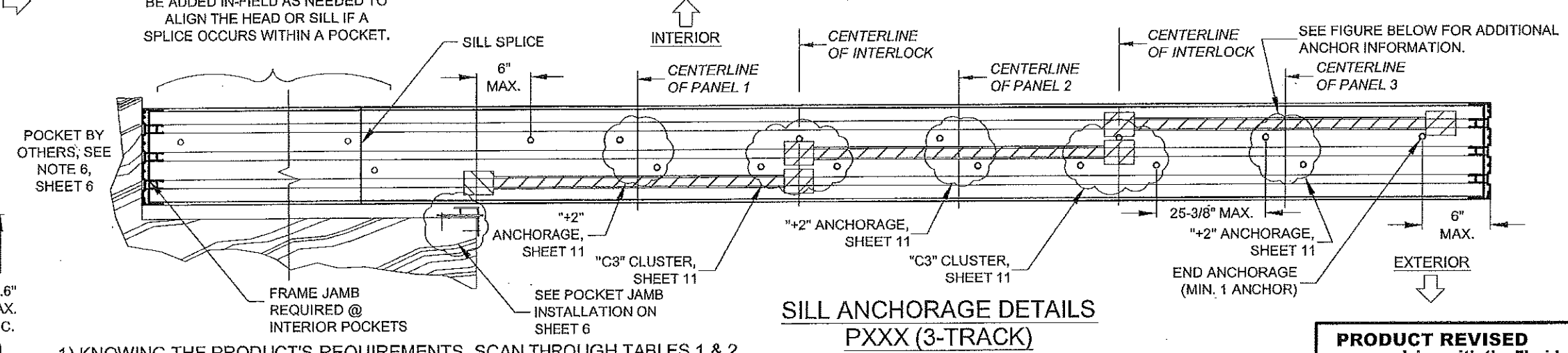
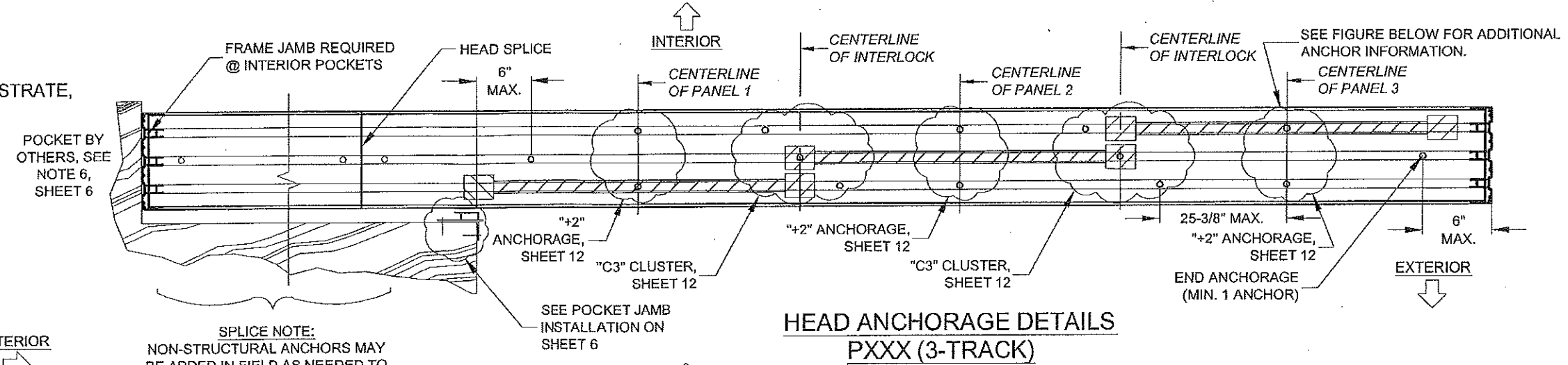
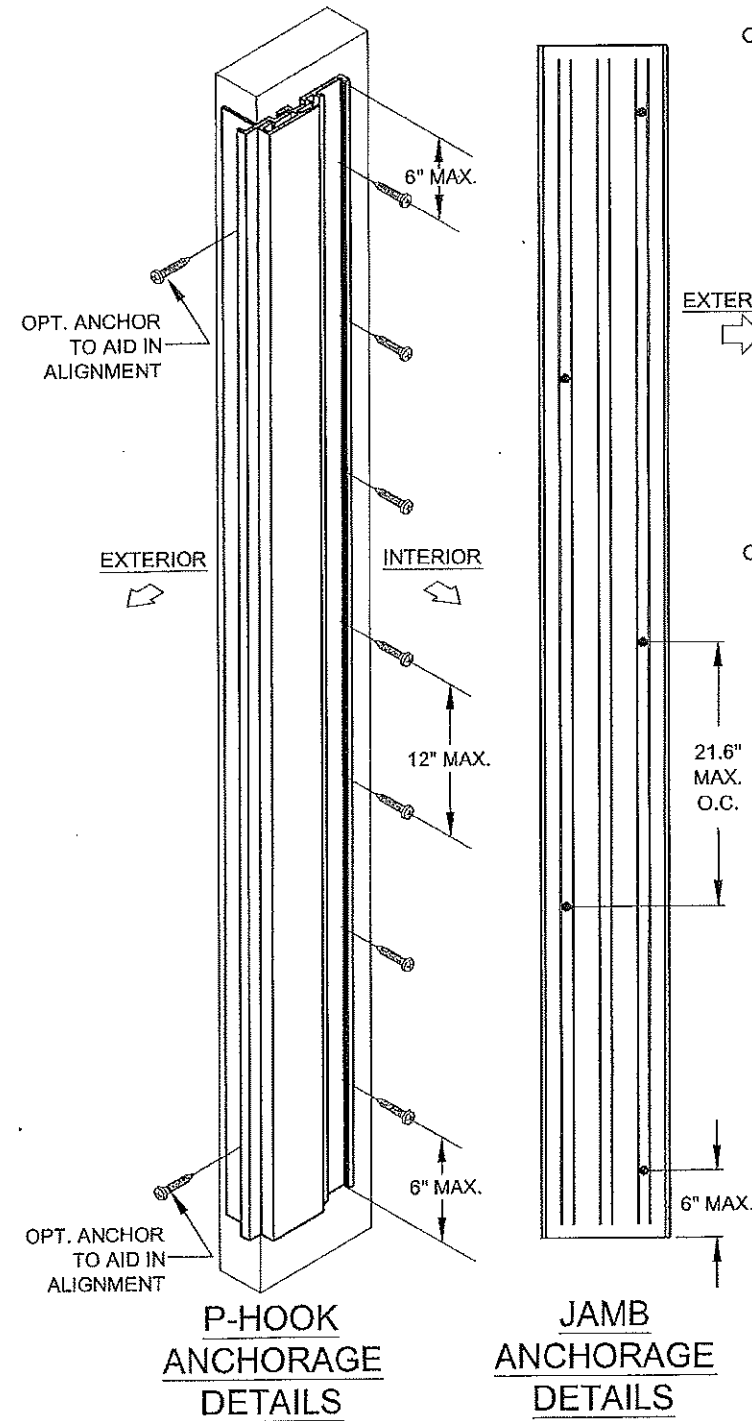
- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED, THE LESSER VALUES OF EITHER TABLE 2 AND TABLE B2 DETERMINES THE WATER LIMITED (+) DP.
- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED, THE MAXIMUM POSITIVE DP SHOWN IN TABLE 2 MAY BE USED.
- 3) SEE SILL RISER TYPES ON SHEET 4.
- 4) THIS TABLE APPLIES TO 2 AND 3 ANCHOR CONFIGURATIONS.
- 5) REFER TO ANCHOR NOTES, SHEET 1.
- 6) SEE SHEETS 11-16 FOR ANCHOR LOCATION & SPACING

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(941)-480-1600
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Series	Rev	Desc	Title	Date
SGD-5570	Scale	NTS	Sheet	8 OF 21
DWG No.	MD-5570.0	Rev. No.	A	
VINYL SLIDING GLASS DOOR NOA (LM)				
DP & ANCHOR QUANTITY TABLE			Drawn By	J ROSOWSKI
NO CHANGES THIS SHEET.			Rev Date	04/05/17

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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



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.

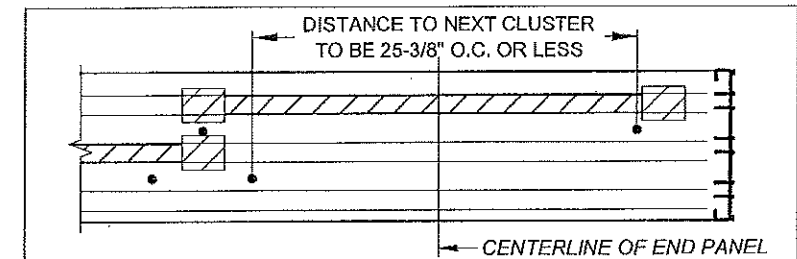
FOR WOOD INSTALLATION USING ANY ANCHOR IN GROUP A (SEE TABLE A), TABLE 1 SHOWS ANCHOR REQUIREMENTS OF:

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) SHEET 18 FOR EXTERIOR SECTION DRAWINGS.
- E) SHEET 19 FOR INSTALLATION OF ADDITIONAL ACCESSORIES.
- F) SHEET 21 FOR A BILL OF MATERIALS.

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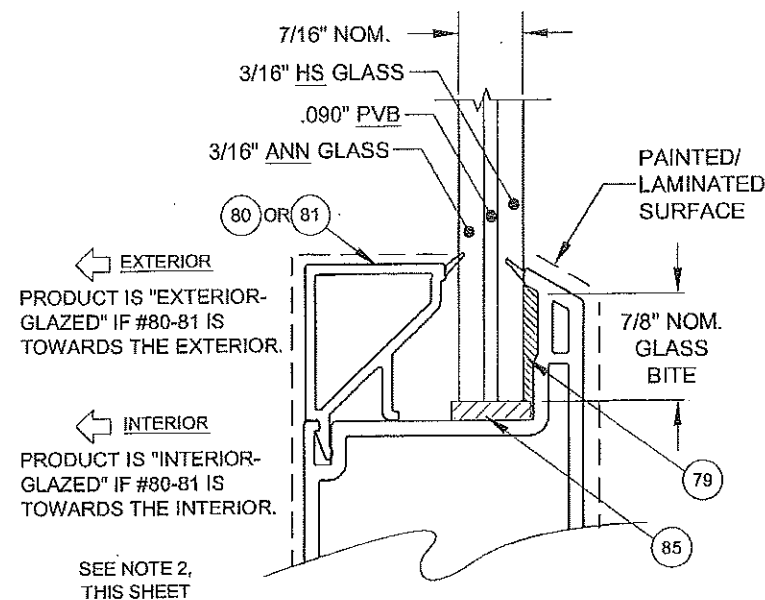
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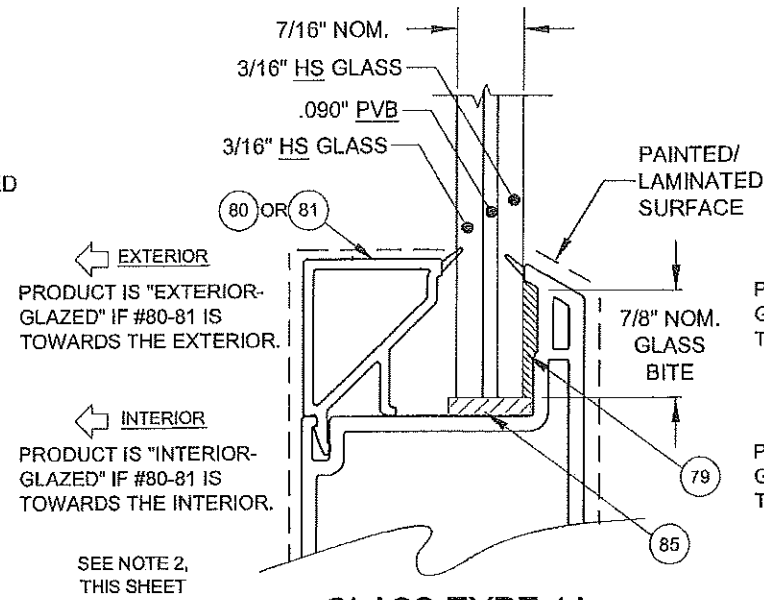
Title	VINYL SLIDING GLASS DOOR NOA (LM)							Date	10/05/15	
Desc.	STRAIGHT DOOR EXAMPLE						Drawn By	J ROSOWSKI		
Rev	NO CHANGES THIS SHEET.							Rev Date	04/05/17	
Rev								Rev Date		
Series	SGD-5570	Scale	NTS	Sheet	9 OF 21	DWG No.	MD-5570.0		Rev. No.	A

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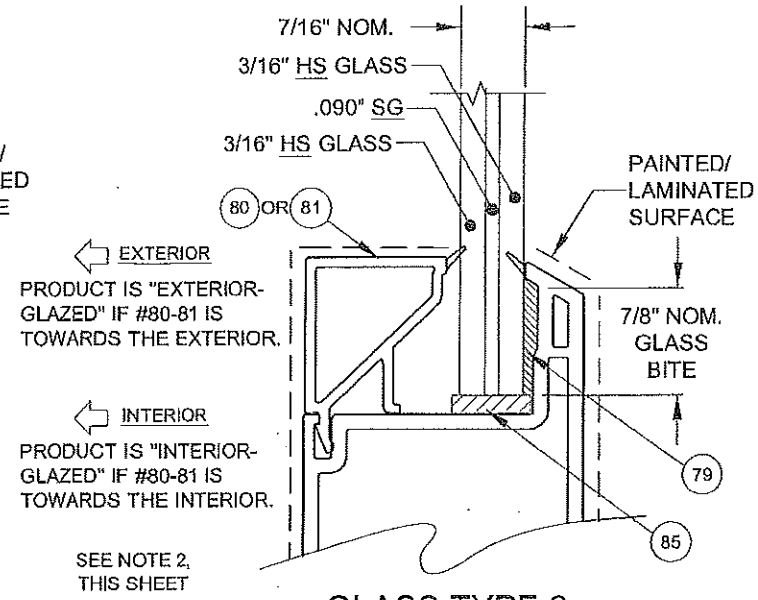
ANTHONY LYNN MILLER
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No. 58705
03/18/17
STATE OF
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PROFESSIONAL ENGINEER
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P.E.# 58705



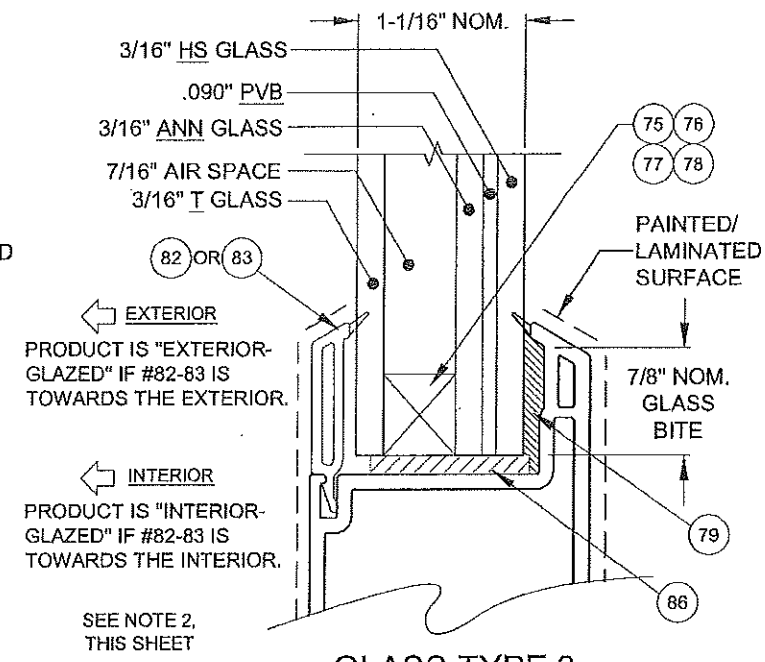
GLASS TYPE 1



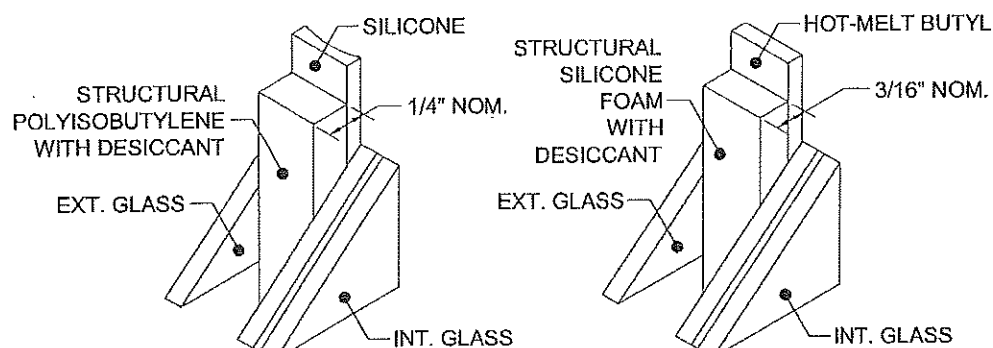
GLASS TYPE 1A



GLASS TYPE 2

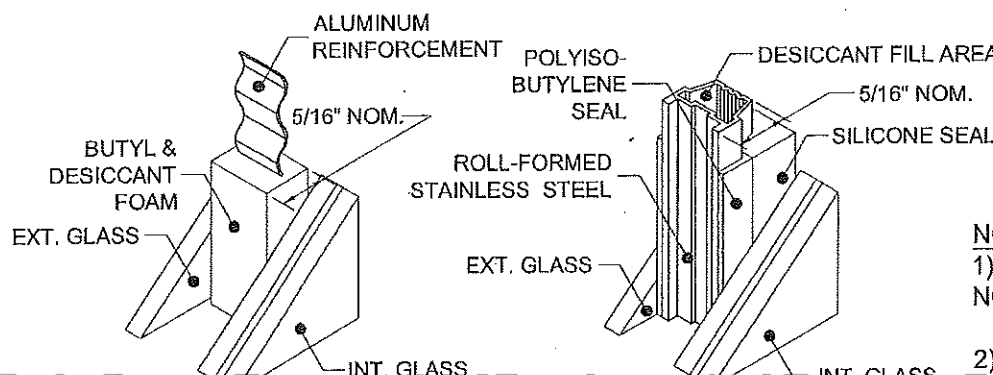


GLASS TYPE 3

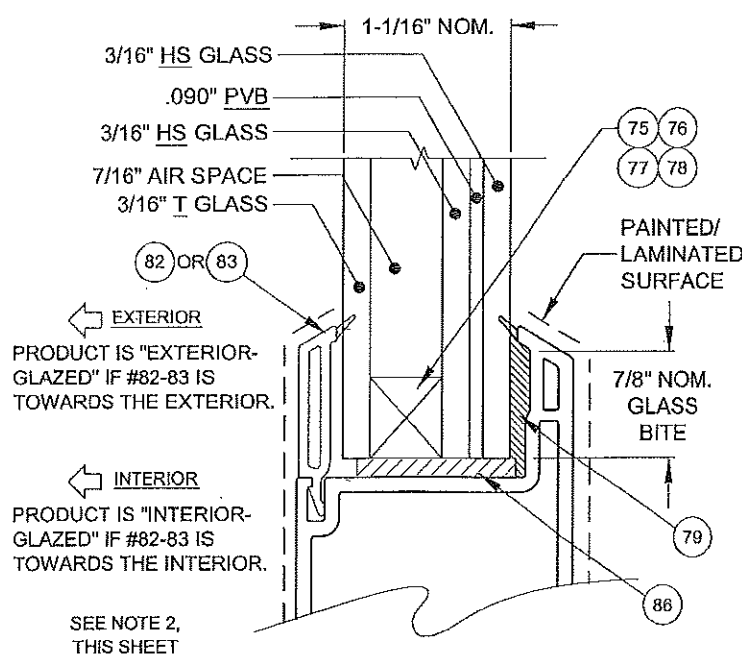


75 KODISPACE 4SG TPS

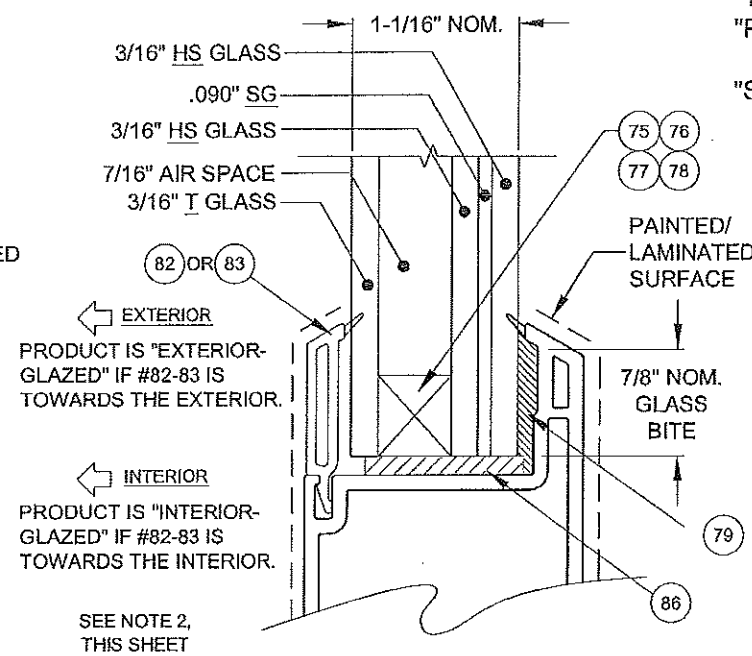
76 SUPER SPACER[®] NXT[™]



78 XL EDGE SPACER



GLASS TYPE 3A



GLASS TYPE 4

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

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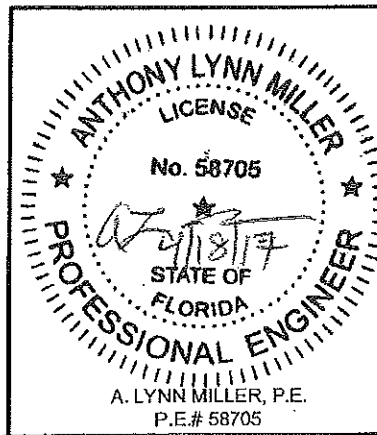
Expiration Date 04/14/2021

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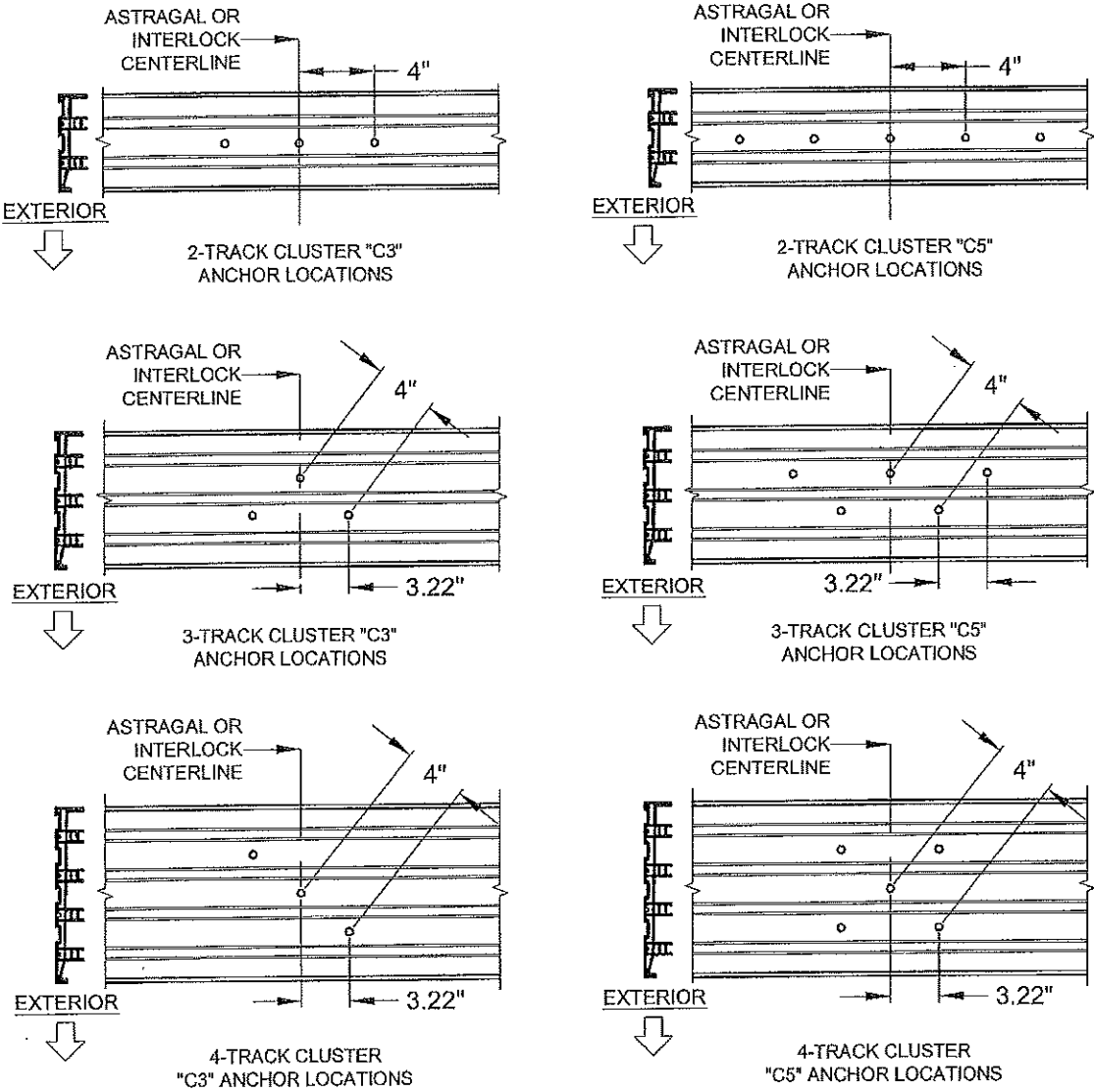
- NOTES:
1) BACKBEDDING SURFACES SHALL NOT BE PAINTED OR LAMINATED.
2) PRODUCT MAY BE EITHER EXTERIOR OR INTERIOR GLAZED, PROVIDED THAT THE "HS" SURFACE OF A LAMINATED GLAZING UNIT IS ADHERED TO THE GLAZING LEG.

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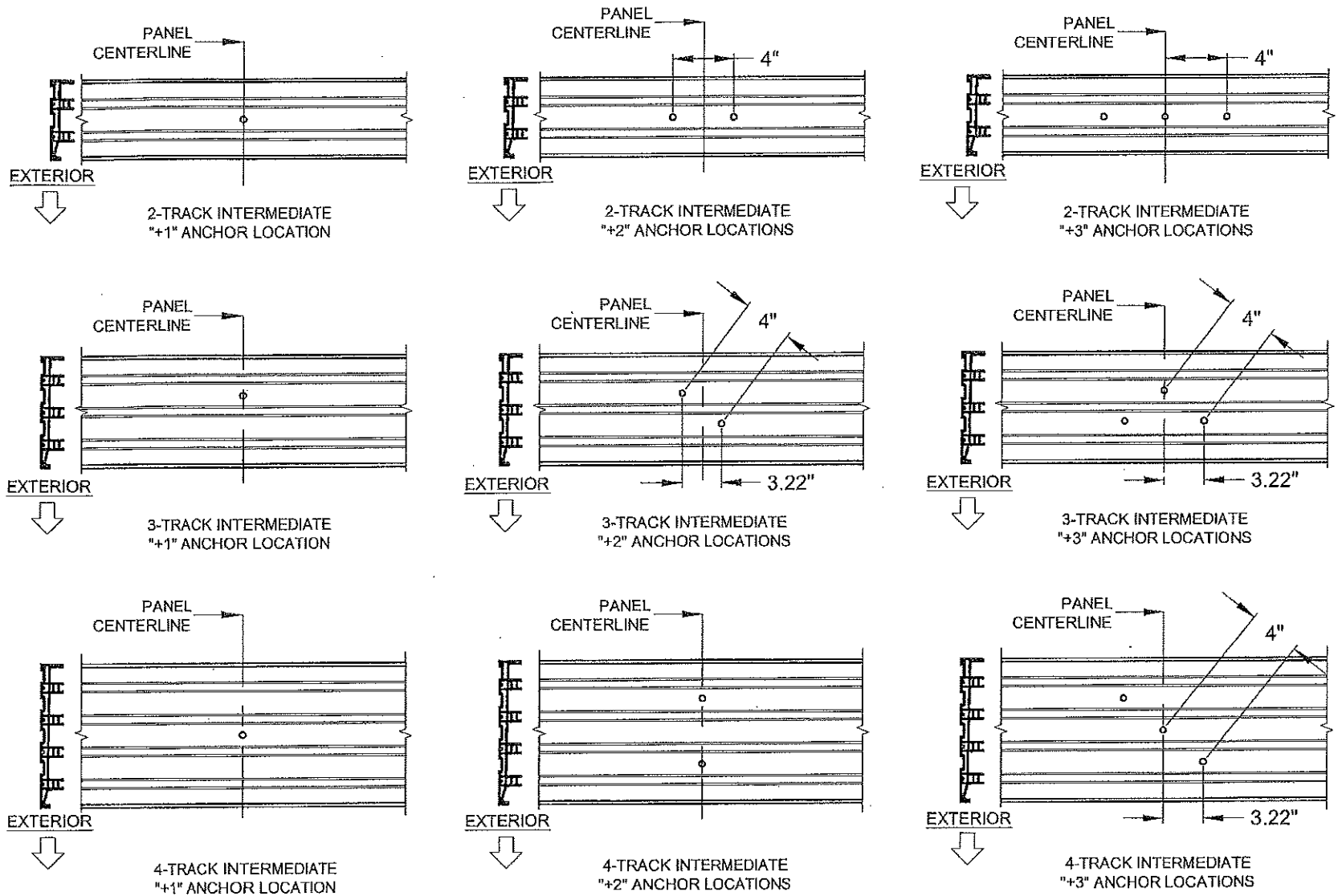
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Desc.	GLAZING DETAILS	Drawn By	J ROSOWSKI	Rev. No.	
Rev	NO CHANGES THIS SHEET.	Rev Date	04/05/17	Rev. No.	
Series	SGD-5570	Scale	NTS	Sheet	10 OF 21
DWG No.	MD-5570.0	Rev. No.	A		



SILL CLUSTER ANCHORS LAYOUT:



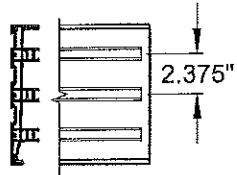
SILL "+" INTERMEDIATE ANCHORS LAYOUT:



NOTES:

1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.

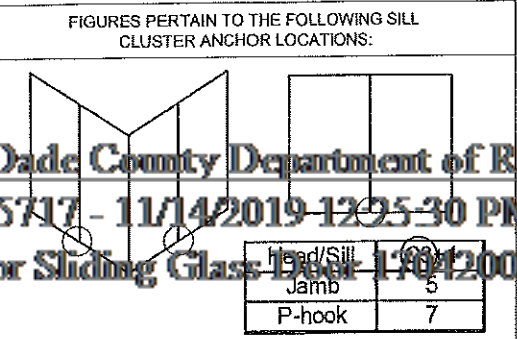
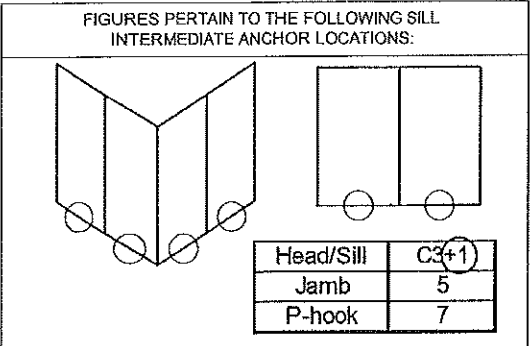
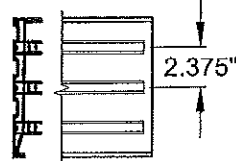
2) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL SILLS:



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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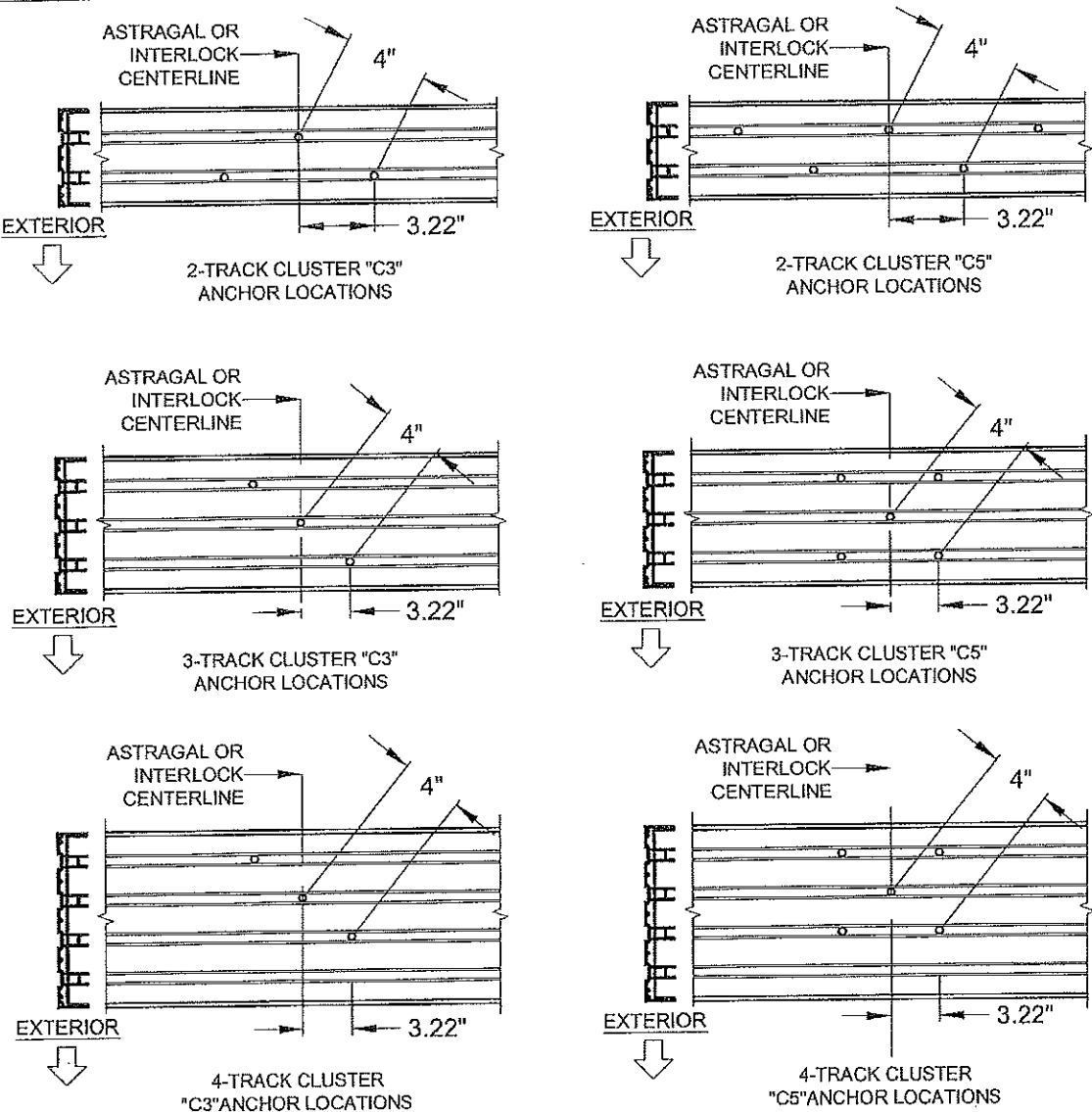
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Series	SGD-5570	Scale	NTS	Sheet	11 OF 21	DWG No.	MD-5570.0	Rev. No.	A
Title	VINYL SLIDING GLASS DOOR NOA (LM)					Date	10/05/15		
Desc.	ANCHOR LOCATIONS A					Drawn By	J ROSOWSKI		
Rev	NO CHANGES THIS SHEET:					Rev Date	04/05/17		

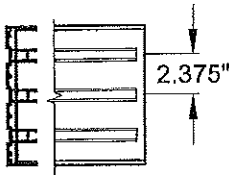
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P.E.# 58705

HEAD CLUSTER ANCHORS LAYOUT:



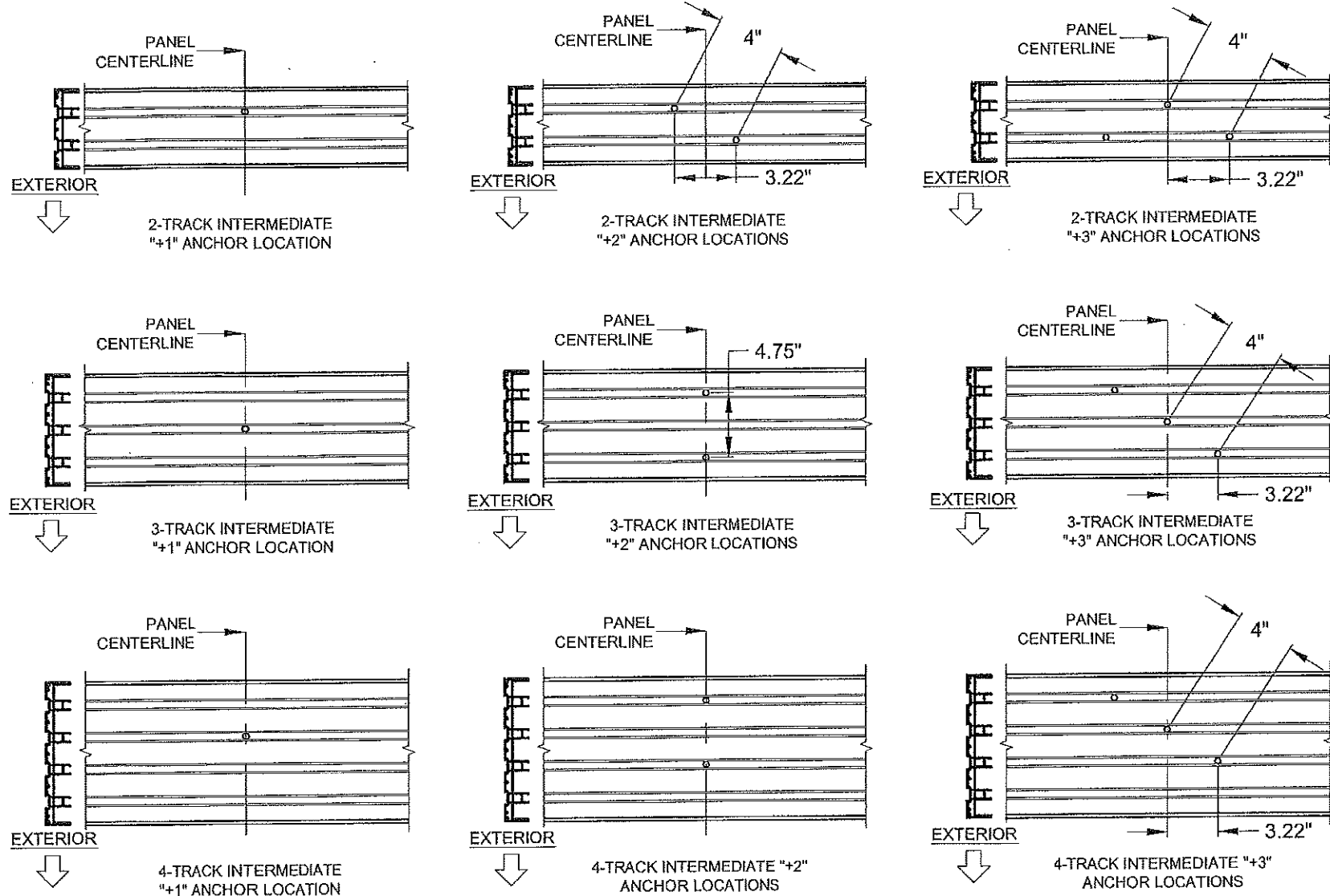
NOTES:
1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
2) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS:



FIGURES PERTAIN TO THE FOLLOWING HEAD CLUSTER ANCHOR LOCATIONS:

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

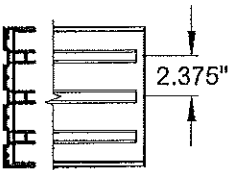
HEAD "+" INTERMEDIATE ANCHORS LAYOUT:



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:



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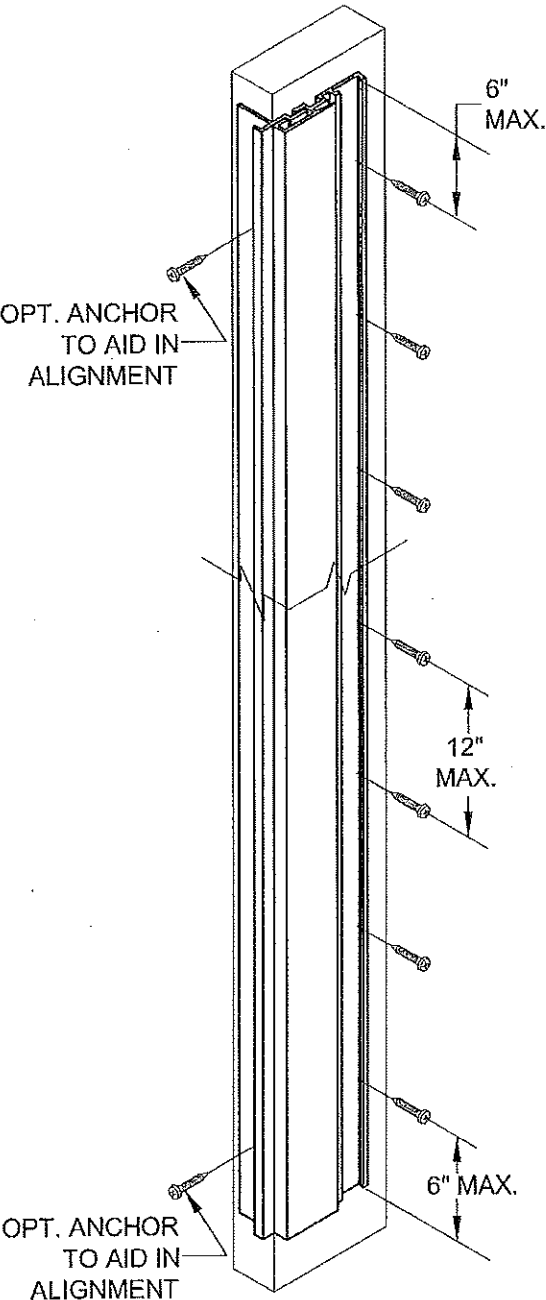
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Serial	SGD-5570	Scale	NTS	Sheet	12 OF 21	DWG No.	MD-5570.0	Rev. No.	A
Title	VINYL SLIDING GLASS DOOR NOA (LM)					Date	10/05/15		
Desc.	ANCHOR LOCATIONS B					Drawn By	J ROSOWSKI		
Rev	NO CHANGES THIS SHEET.					Rev Date	04/05/17		

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P-HOOK ANCHORS LAYOUT:

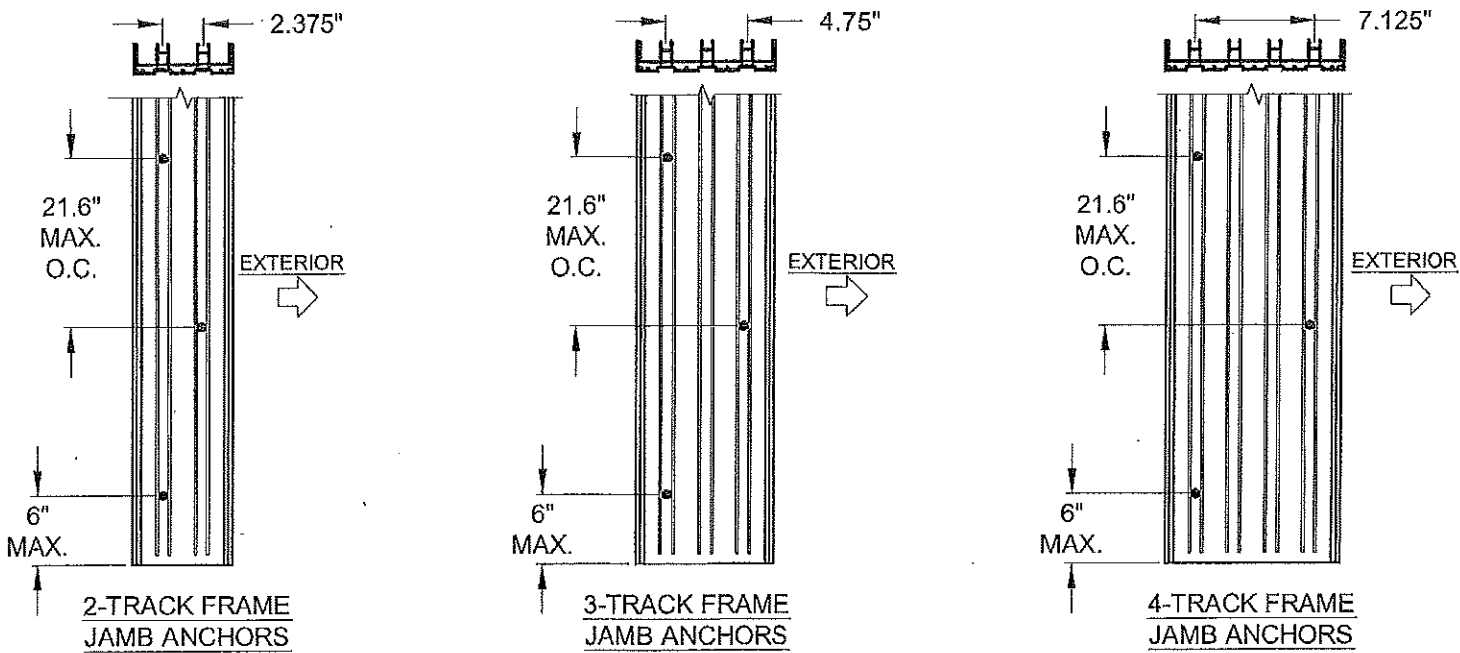


NOTES:
1) SEE TABLES 1 & 2 FOR EXACT QUANTITY OF ANCHORS REQUIRED IN THE P-HOOK.

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

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

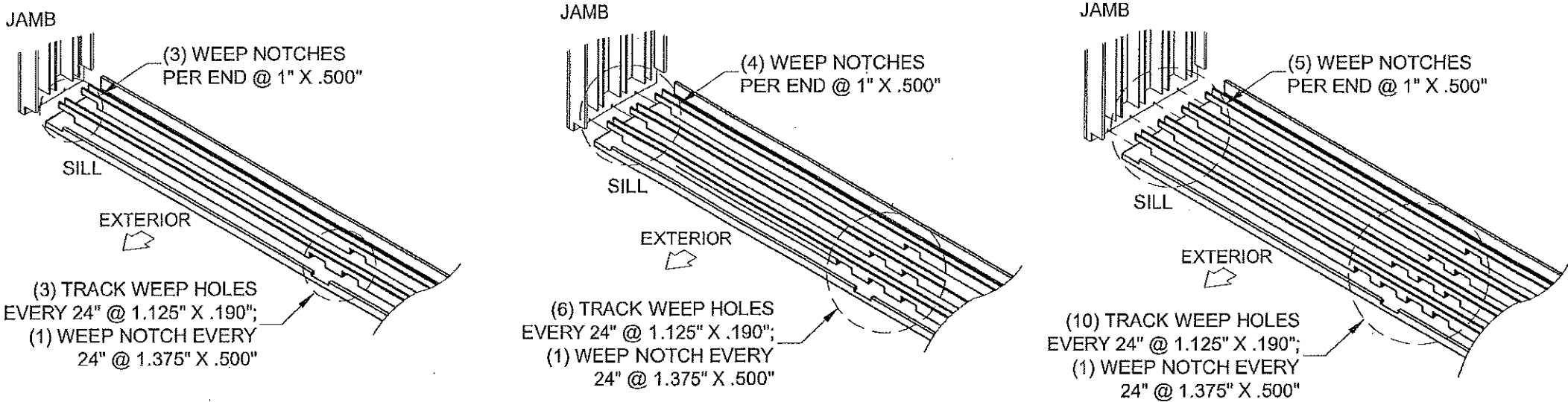
JAMB ANCHORS LAYOUT, (PARTIAL VIEW):



FIGURES PERTAIN TO THE FOLLOWING JAMB ANCHOR LOCATIONS:

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

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)

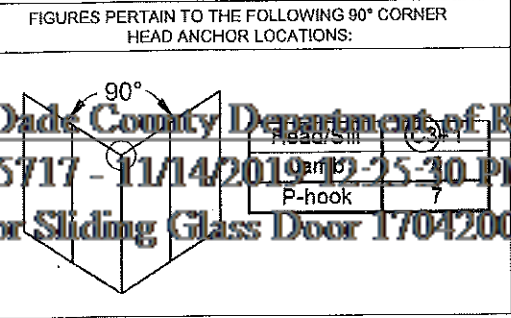
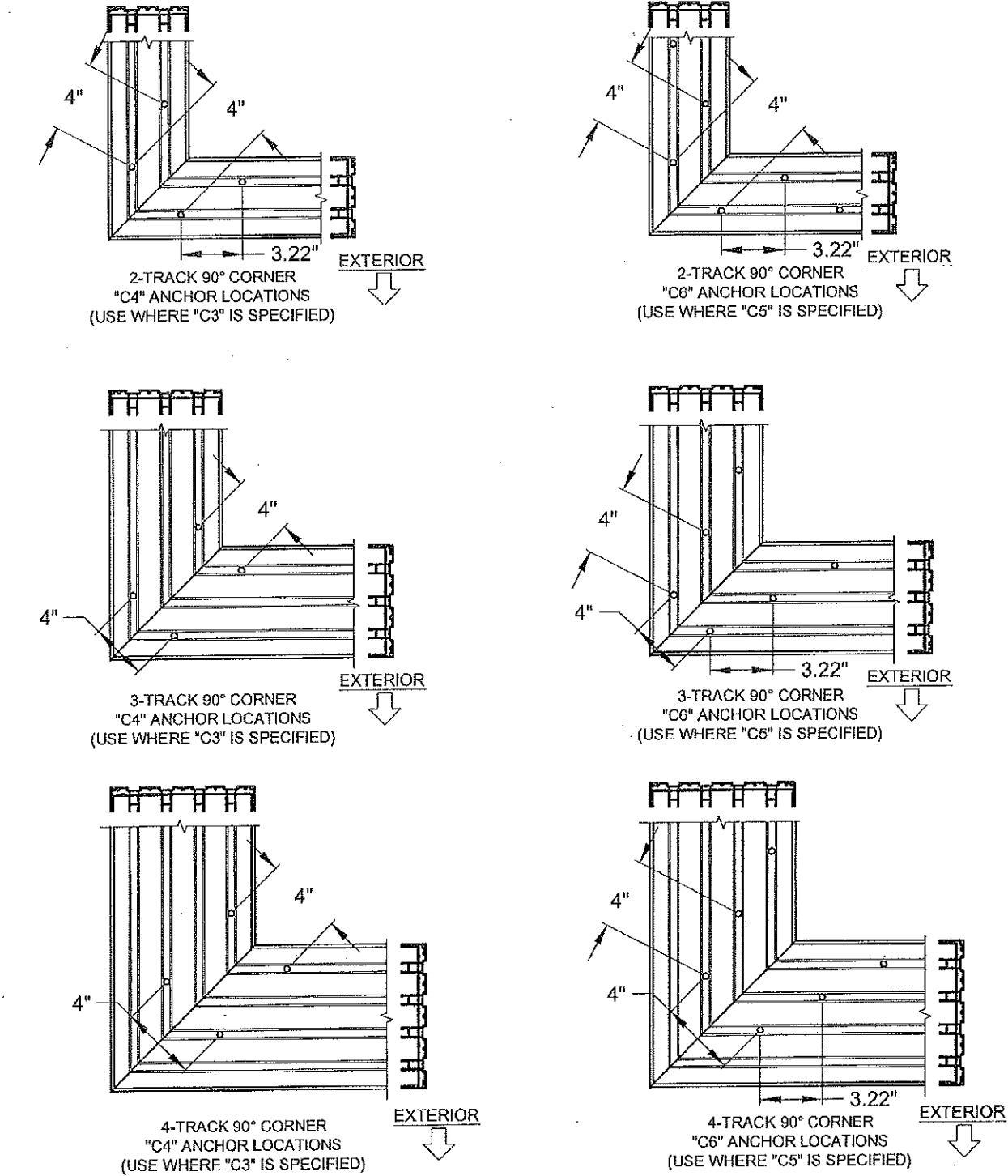
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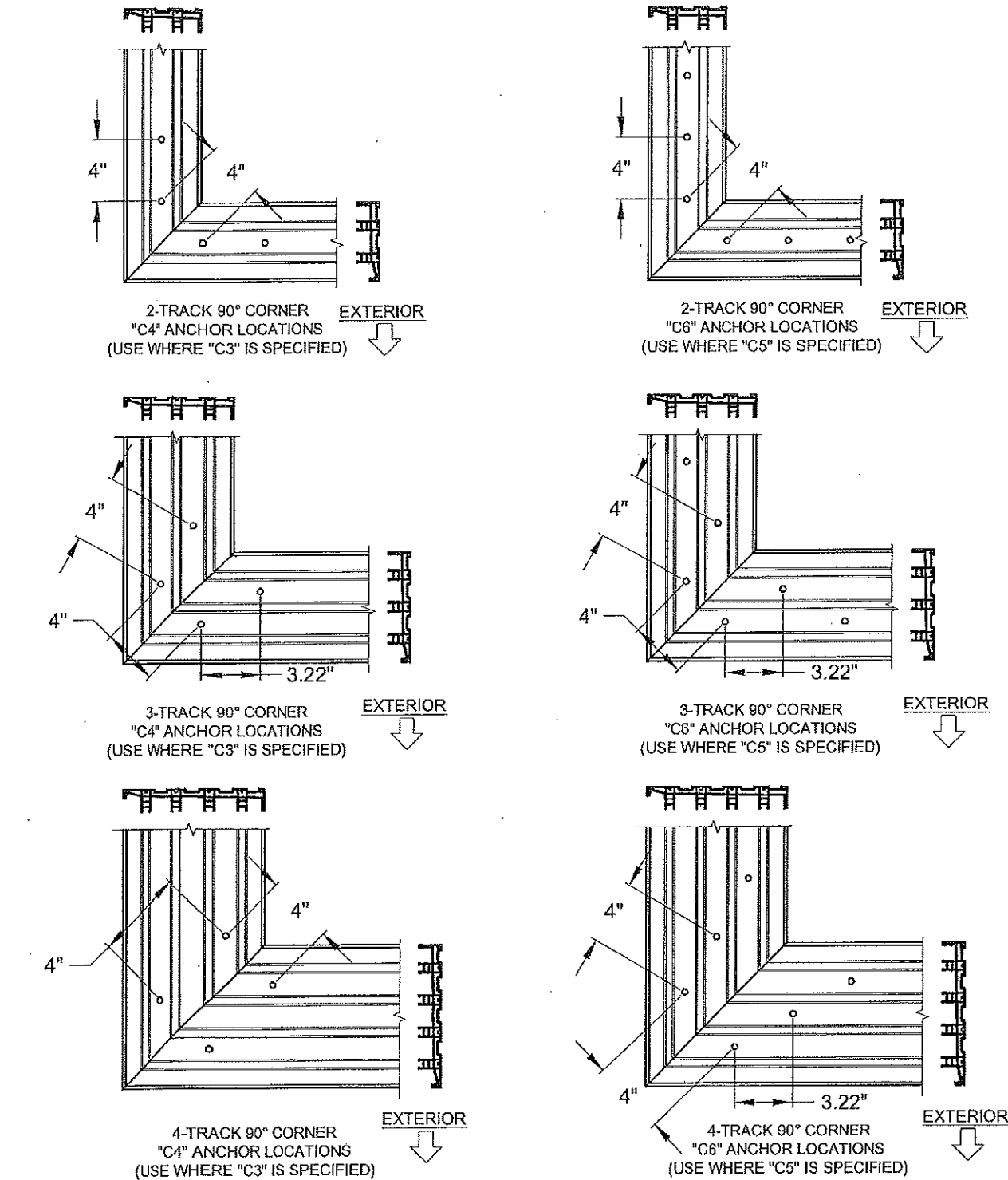
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Rev	NO CHANGES THIS SHEET.							Rev Date	04/05/17
Rev								Rev Date	
Desc.	ANCHOR LOCATIONS C						Drawn By	J ROSOWSKI	
Title	VINYL SLIDING GLASS DOOR NOA (LM)							Date	10/05/15

HEAD 90° CORNER CLUSTER ANCHORS LAYOUT:



SILL 90° CORNER CLUSTER ANCHORS LAYOUT:



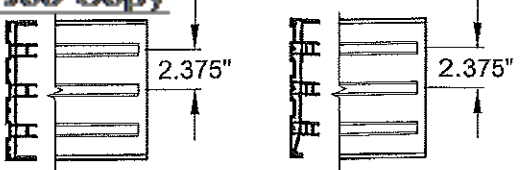
FIGURES PERTAIN TO THE FOLLOWING 90° CORNER SILL ANCHOR LOCATIONS:

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

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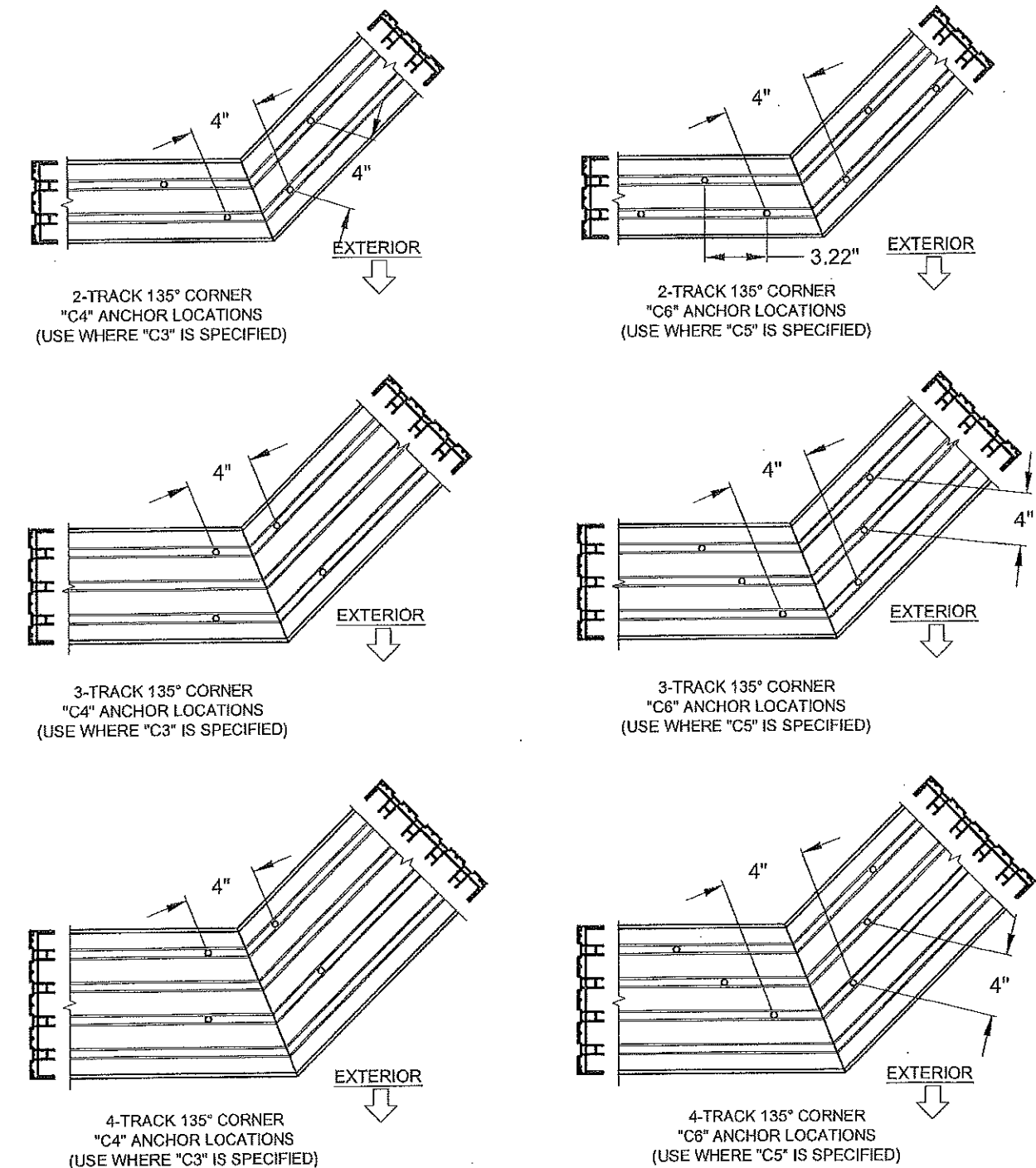
- NOTES:
- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
 - 2) DETAILS DEPICT ANCHOR QUANTITY AND SPACING, AND WOULD BE SIMILAR FOR OUTSIDE (SHOWN) AND INSIDE CORNER CONFIGURATIONS.
 - 3) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS AND SILLS:



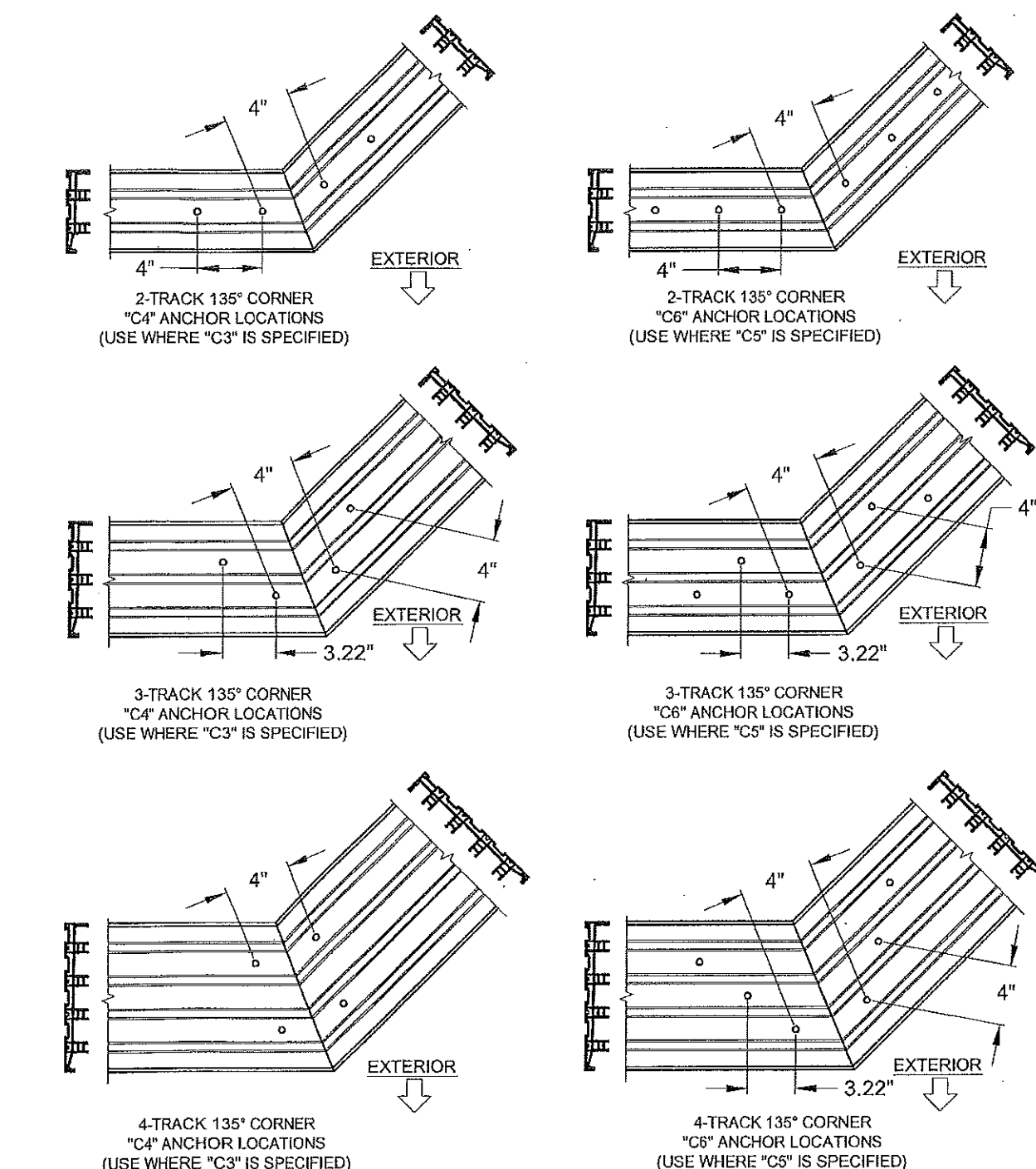
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Title	VINYL SLIDING GLASS DOOR NOA (LM)	Date	10/05/15
Desc.	ANCHOR LOCATIONS D	Drawn By	J ROSOWSKI
Rev	NO CHANGES THIS SHEET.	Rev Date	04/05/17
Series	SGD-5570	Scale	NTS
Sheet	14 OF 21	DWG No.	MD-5570.0
Rev. No.	A		

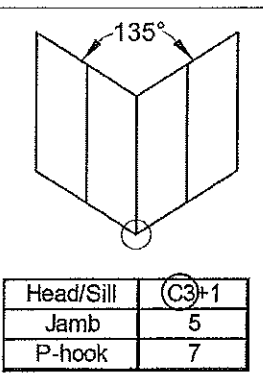
HEAD 135° CORNER CLUSTER ANCHORS LAYOUT:



SILL 135° CORNER CLUSTER ANCHORS LAYOUT:



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

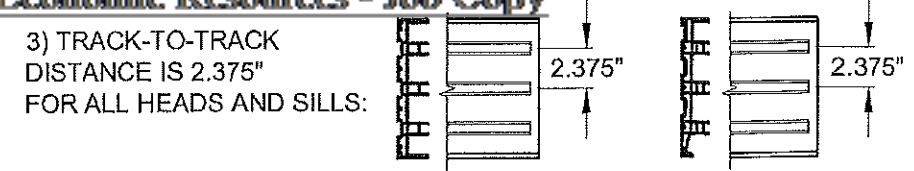


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P.E.# 58705

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

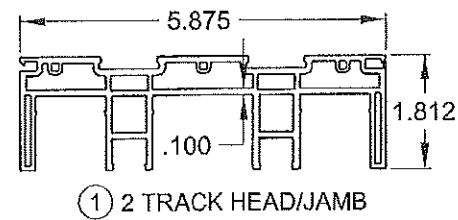
2) DETAILS DEPICT ANCHOR QUANTITY AND SPACING, AND WOULD BE SIMILAR FOR OUTSIDE (SHOWN) AND INSIDE CORNER CONFIGURATIONS.



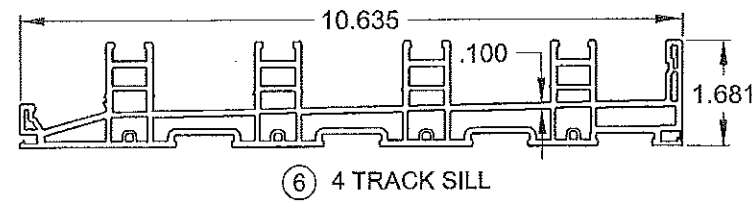
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1	VINYL SLIDING GLASS DOOR NOA (LM)	10/05/15
2	ANCHOR LOCATIONS E	By J ROSOWSKI
3	NO CHANGES THIS SHEET.	Rev Date 04/05/17
4	SGD-5570	Scale NTS
5	Sheet 15 OF 21	DWG No. MD-5570.0
6		Rev. No. A

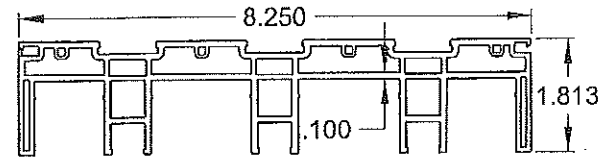
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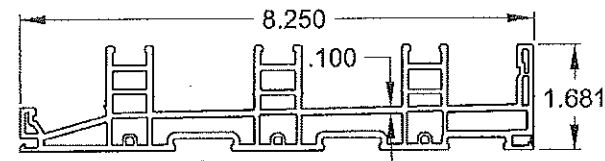
① 2 TRACK HEAD/JAMB



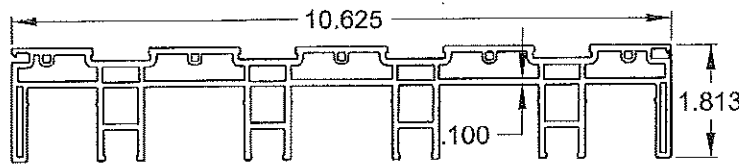
⑥ 4 TRACK SILL



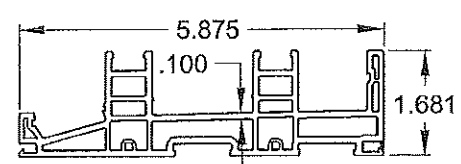
③ 3 TRACK HEAD/JAMB



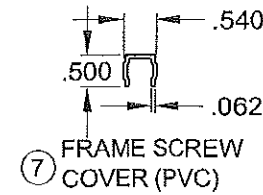
④ 3 TRACK SILL



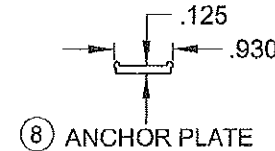
⑤ 4 TRACK HEAD/JAMB



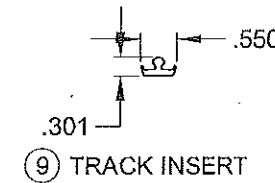
② 2 TRACK SILL



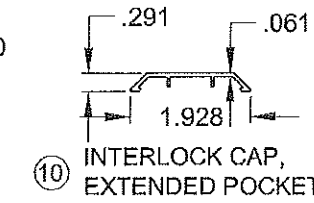
⑦ FRAME SCREW COVER (PVC)



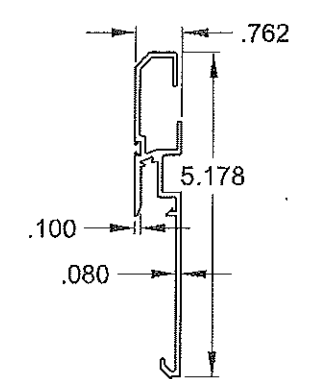
⑧ ANCHOR PLATE



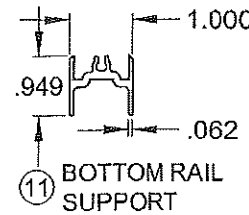
⑨ TRACK INSERT



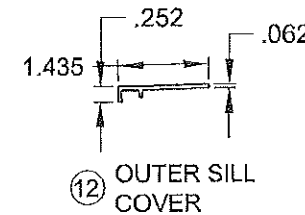
⑩ INTERLOCK CAP, EXTENDED POCKET



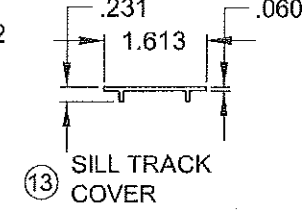
⑱ P-HOOK



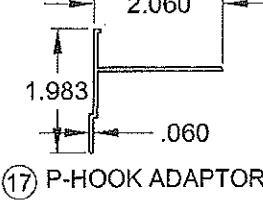
⑪ BOTTOM RAIL SUPPORT



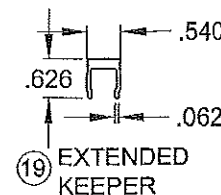
⑫ OUTER SILL COVER



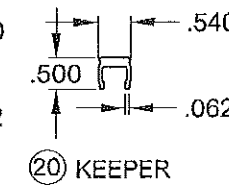
⑬ SILL TRACK COVER



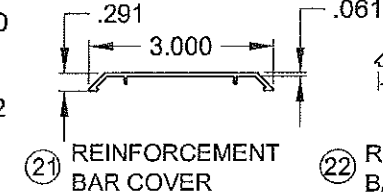
⑰ P-HOOK ADAPTOR



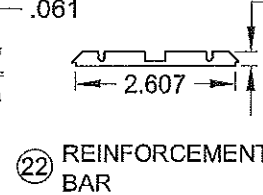
⑲ EXTENDED KEEPER



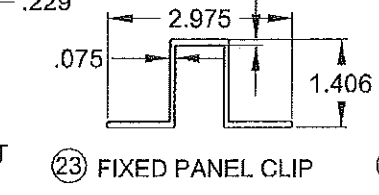
⑳ KEEPER



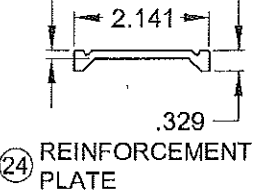
㉑ REINFORCEMENT BAR COVER



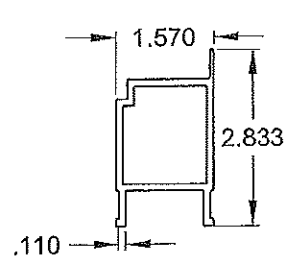
㉒ REINFORCEMENT BAR



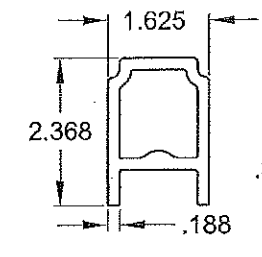
㉓ FIXED PANEL CLIP



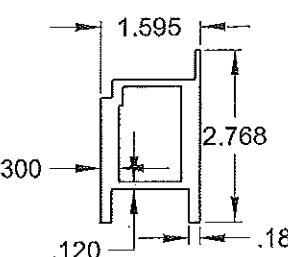
㉔ REINFORCEMENT PLATE



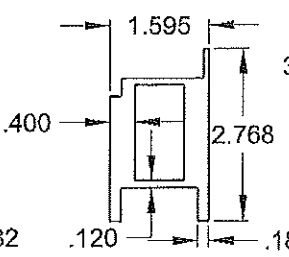
㉕ TOP, BOTTOM AND STILE REINFORCEMENT



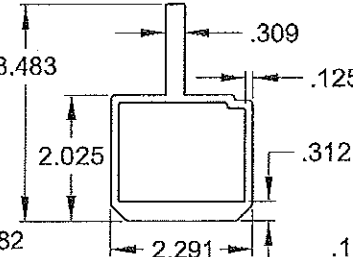
㉖ TOP, BOTTOM AND STILE COMPOSITE REINFORCEMENT



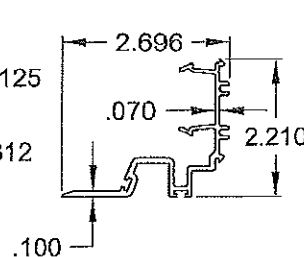
㉗ INTERLOCK .300 REINFORCEMENT, STANDARD



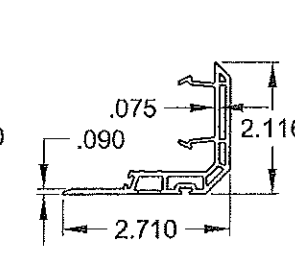
㉘ INTERLOCK .400 REINFORCEMENT, HEAVY-DUTY



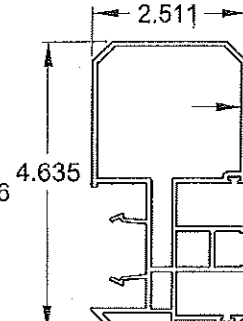
㉙ ASTRAGAL REINFORCEMENT



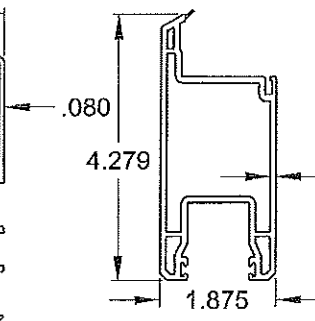
㉚ EXTENDED POCKET INTERLOCK ADAPTER



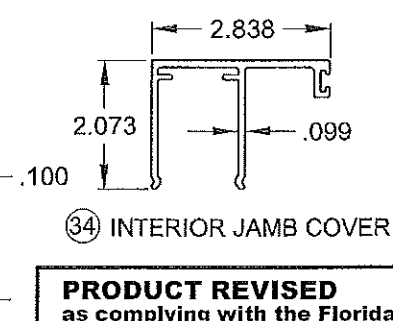
㉛ INTERLOCK ADAPTER



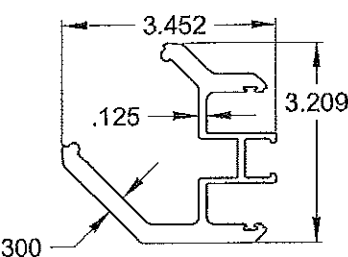
㉜ ASTRAGAL ADD-ON



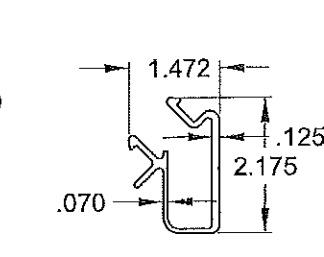
㉝ PANEL STILE, TOP AND BOTTOM RAIL



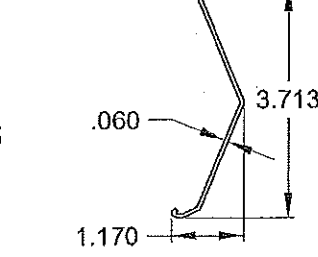
㉞ INTERIOR JAMB COVER



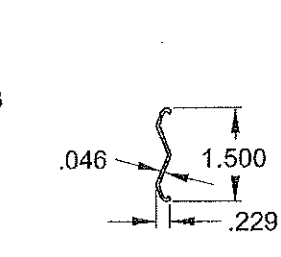
㉟ 135° CORNER ASTRAGAL



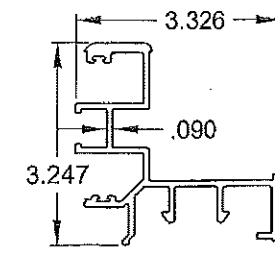
㊱ 135° CORNER PASSIVE MOUNT



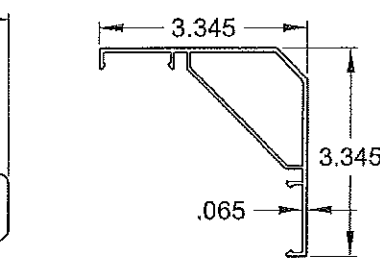
㊲ 135° CORNER ASTRAGAL CAP, EXTERIOR



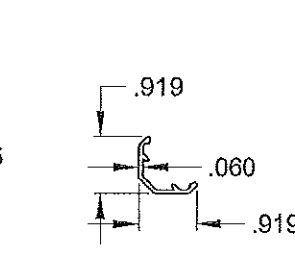
㊳ 135° CORNER ASTRAGAL CAP, INTERIOR



㊴ 90° CORNER ASTRAGAL



㊵ 90° CORNER ASTRAGAL CAP, EXTERIOR



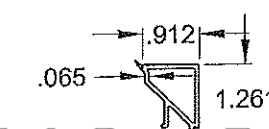
㊶ 90° CORNER ASTRAGAL CAP, INTERIOR

NOTES:

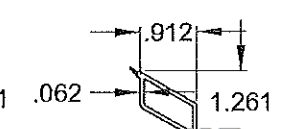
1) SEE SHEET 4 FOR SILL RISERS.

2) SEE SHEET 20 FOR SCREEN PARTS.

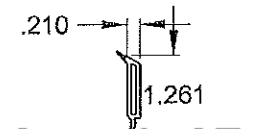
3) ALL DIMENSIONS IN INCHES.



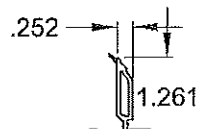
㊷ SQUARE BEAD



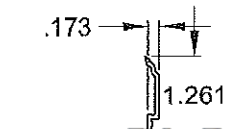
㊸ BEVELED BEAD



㊹ 1-1/16" BEVELED BEAD



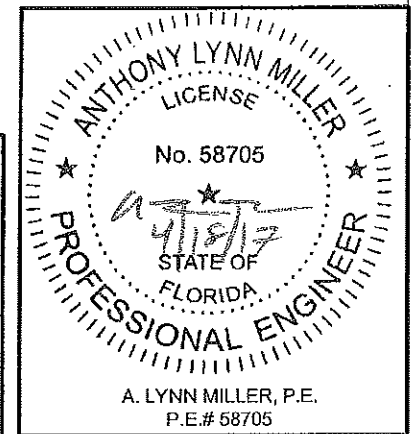
㊺ 1-1/16" OGEE BEAD



㊻ 1-3/16" OGEE BEAD

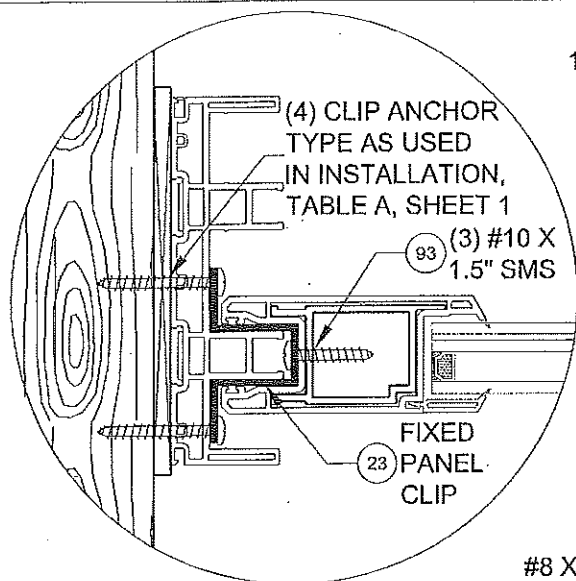


Series	SGD-5570	Scale	NTS	Sheet	18 OF 21	DWG No.	MD-5570.0	Rev. No.	A
Rev									
Desc	VINYL SLIDING GLASS DOOR NOA (LM)					Date	10/05/15		
Rev						Drawn By	J ROSOWSKI	Rev Date	04/05/17
NO CHANGES THIS SHEET.									



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **17-0420.06**
Expiration Date **04/14/2021**

By
Miami-Dade Product Control



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

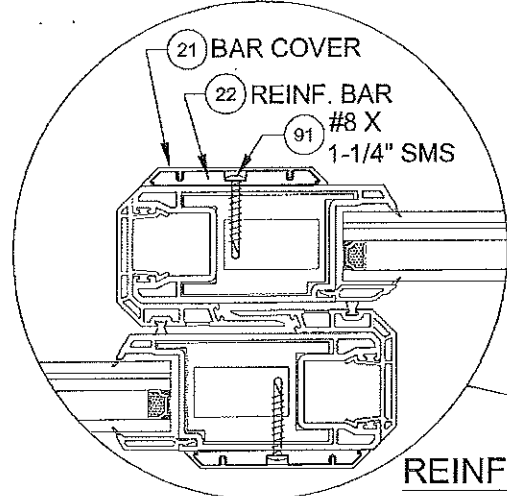
(3) #8 X
1" SMS

(4) #10
X 2" SMS

(19) **KEEPER**

(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

#8 X 1"
SMS

4-PANEL, 2-TRACK
OXXX SHOWN

LOCKING JAMB

(19) **KEEPER**

(4) #10 X
2" SMS

INTERIOR

EXTERIOR

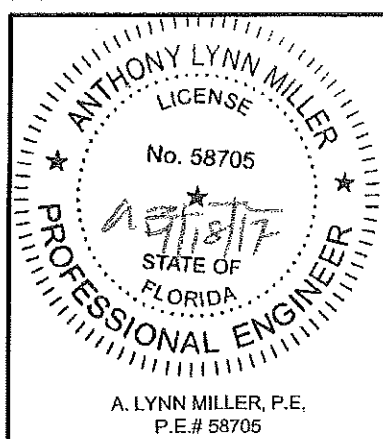
NOTES

- 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.



Series	SGD-5570	Scale	NTS	Sheet	19 OF 21	DWG No.	MD-5570.0	Rev. No.	A
Title	VINYL SLIDING GLASS DOOR NOA (LM)					Date	10/05/15		
Desc.	ACCESSORIES INSTALLATION					Drawn By	J ROSOWSKI		
Rev	CORRECTED #96					Rev Date	04/05/17		

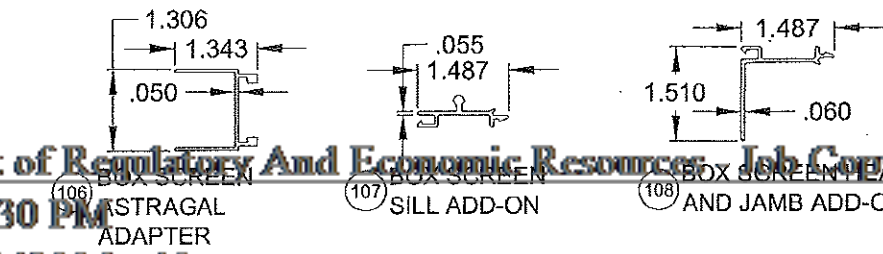
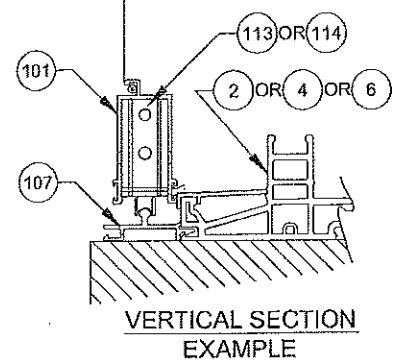
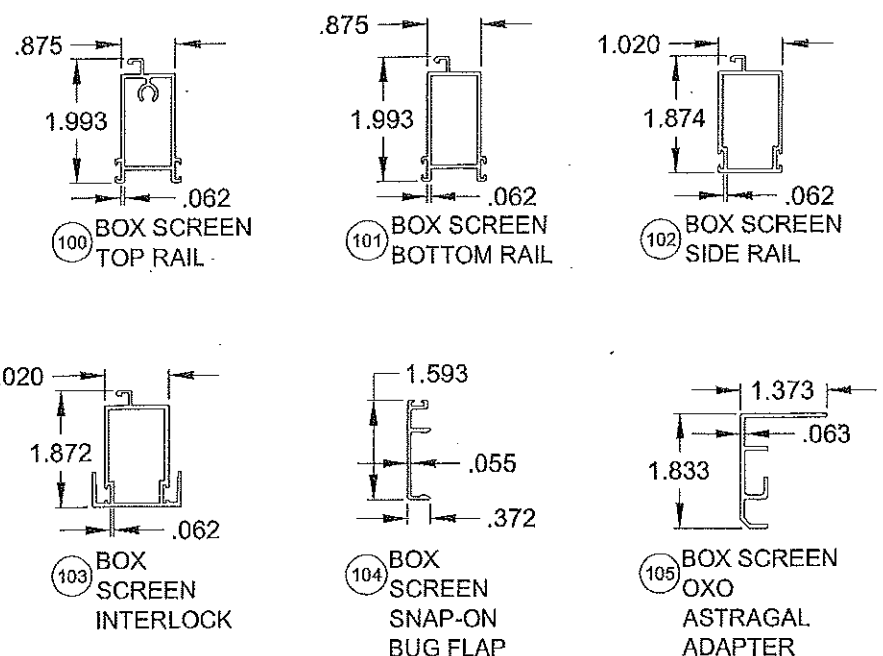
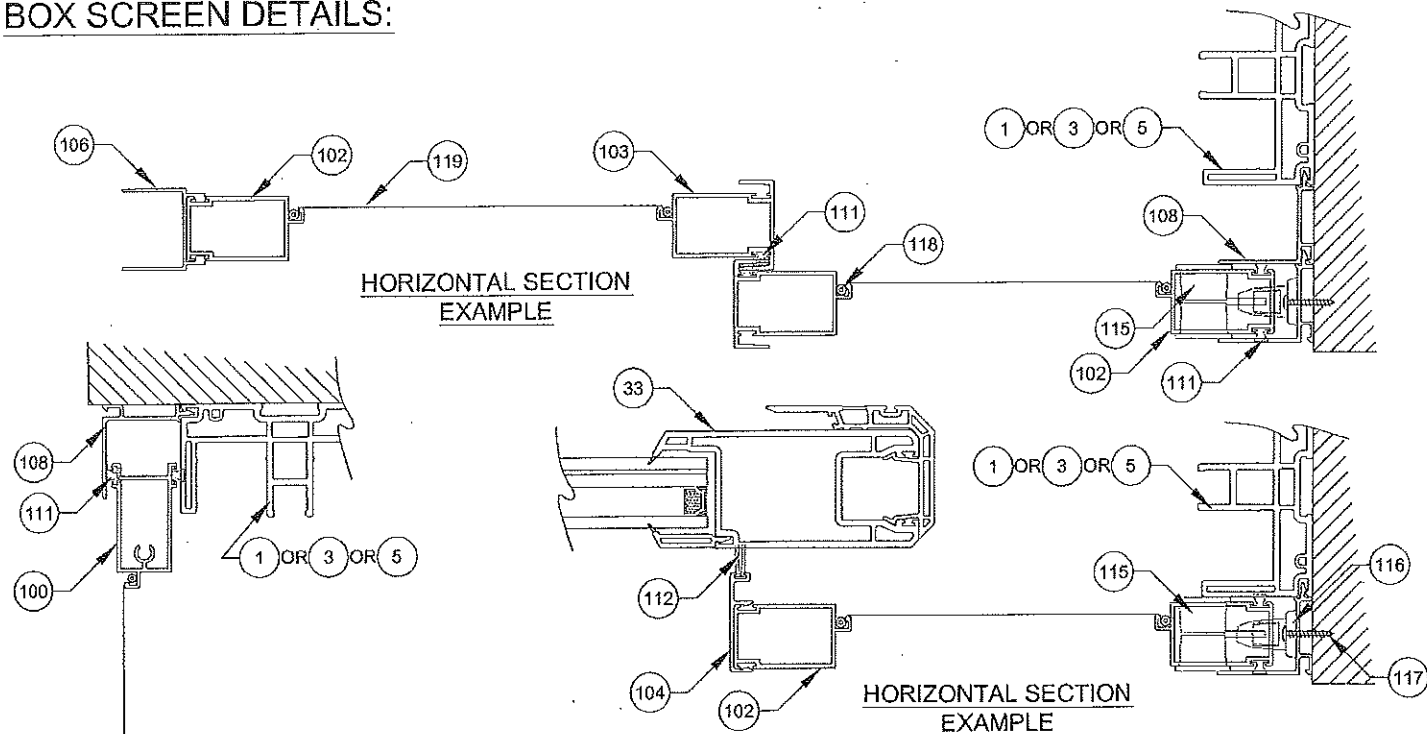
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Expiration Date **04/14/2021**
By **Miami-Dade Product Control**



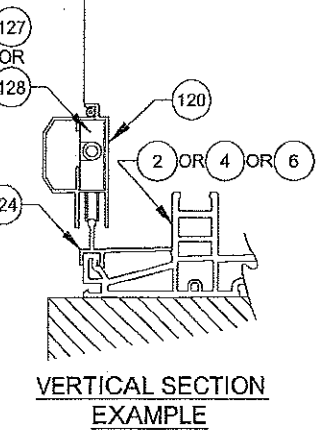
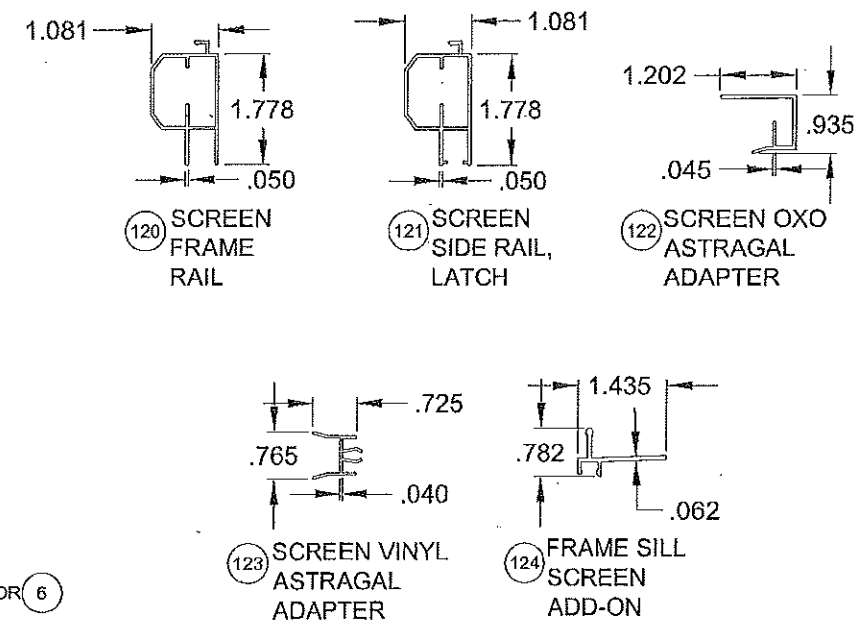
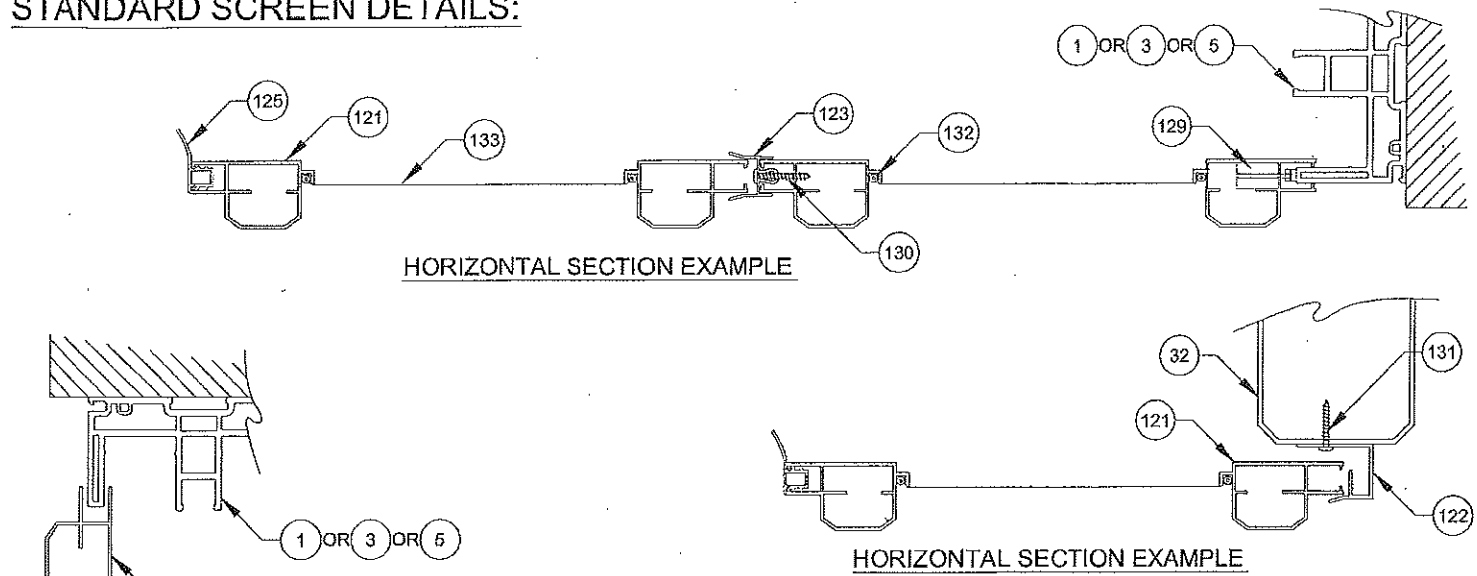
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PANEL
ALL PANEL CORNERS
WELDED, NO ASSEMBLY
FASTENERS

BOX SCREEN DETAILS:

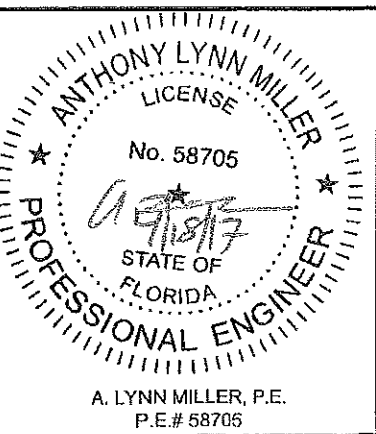


STANDARD SCREEN DETAILS:



NOTES:
1) ALL DIMENSIONS IN INCHES.

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By
Miami-Dade Product Control



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CERT. OF AUTH. #29296

Title	VINYL SLIDING GLASS DOOR NOA (LM)							Date	10/05/15	
Desc.	SCREEN DETAILS						Drawn By	J ROSOWSKI		
Rev	NO CHANGES THIS SHEET.							Rev Date	04/05/17	
Rev								Rev Date		
Series	SGD-5570	Scale	NTS	Sheet	20 OF 21	DWG No.	MD-5570.0		Rev. No.	A

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

#	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	716609W	.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 Corning 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	71420X2.26FPFX	#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

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

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NOA for Sliding Glass Door 17042006.pdf

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



Series	SGD-5570	Scale	NTS	Sheet	21 OF 21	DWG No.	MD-5570.0	Rev. No.	A
Rev								Rev Date	
Rev	NO CHANGES THIS SHEET.							Rev Date	04/05/17
Desc.	PARTS LIST						Drawn By	J ROSOWSKI	
Title	VINYL SLIDING GLASS DOOR NOA (LM)							Date	10/05/17

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **17-0420.06**
Expiration Date **04/14/2021**
By 
Miami-Dade Product Control

