



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  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**NABCO Entrance Inc.**  
**S82 W18717 Gemini Drive,**  
**Muskego, Wisconsin 53150**

### 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 "System GT 1175 models FBO & FS" Aluminum Automatic Sliding Glass Doors: So-Sx-Sx-So, So-Sx w/ Full Emergency Breakout and O-Sx-Sx-O, O-Sx w/Partial Emergency Breakout-NI**

**APPROVAL DOCUMENT:** Drawing No. **20-168** (Former **18-261**), titled "System GT1175 Non-Impact Rated", sheets 1, 2, 2.1 thru 16, 16.1 thru 21 of 21, prepared by PPMF Inc., dated 10/27/2020, signed and sealed by Pedro M. DE Figueirido, 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: None.** Approved Hurricane Protection devices are required per FBC, as applicable.

### LIMITATIONS:

1. See Design Pressure Table 1 (model FBO) and Table 2 (model FS) in sheet **2.1**. See Table 3 (sheet **13**) for Sill (interlock/astragal cluster) anchor capacity, Table 4 for Header (interlock/astragal cluster) anchor capacity and jamb anchors per model types in sheet **13**. Lower Design Pressure shall control from the tables for the entire assembly.
2. Locking option 3 (sheet 20): The 2-point **G-86** CVR panic devices for model FBO in sheets **2** to be used w/ Horizontal muntin bars (detail 10/5) and the DLO height to be adjusted per muntin bar location.
3. Not approved where water infiltration is required, unless protected with overhang, complying with FBC requirements. Fixed glass more than 36" wide must be supported with approved setting blocks per FBC requirements. All stiles to be reinforced with Aluminum part # 14-13950.
4. Electrical devices, functions and installation is not part of this approval and to be reviewed and approved by Authority Having Jurisdiction (AHJ)
5. Private labelling is not part of this approval.

**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.



*Ishaq I. Chande*

NOA No. 20-1106.03  
Expiration Date: December 26, 2023  
Approval Date: March 11, 2021  
Page 1



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Muskego, Wisconsin 53150

**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 #18-0531.03 and consists of the pages 1 & 2 and evidence pages E-1, E-2 & E-3, as well as approval document mentioned above.

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

*Ishaq I. Chanda*



NOA No. 20-1106.03  
Expiration Date: December 26 2023  
Approval Date: March 11, 2021  
Page 2

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. Evidence submitted under previous approvals**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **15-049** (Former **12-091**), titled "System GT1175 Non-Impact Rated", sheets 1, 2, 2.1 thru 16, 16.1 thru 21 of 21, prepared by ENGCO Inc., dated 02-19-15 and last revised on JUL 22, 2015, signed and sealed by Pedro M. De Figueirido, P.E.

**B. TESTS** (Submitted under file #13-0521.13)

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94 (0.65 cfm/ft<sup>2</sup> @1.57 PSF)  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94 (Not conducted)  
4) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

Along with installation diagram of aluminum automatic entrance doors O-Sx-Sx-O and So-Sx-Sx-So, prepared by Architectural Testing. Test Report No. **C-2942.01-602-18** (unit #4), dated 10/17/12, signed and sealed by Shawn G. Collins, P. E.

Note: This test report has been revised on SEP 12, 2013 by an addendum letter issued by Architectural Testing, signed and sealed by Shawn G. Collins, P. E.

2. REF Test on: 1) Air Infiltration Test, per FBC, TAS 202-94 (0.94 & 0.58 cfm/ft<sup>2</sup> @1.57 PSF)  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94 (Not conducted)  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

Along with installation diagram of aluminum automatic entrance doors O-Sx-Sx-O and So-Sx-Sx-So, prepared by Architectural Testing. Test Report No. **C-2942.01-602-18** (units #1, 2, 3 & 5), dated 10/17/12, signed and sealed by Shawn G. Collins, P. E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2014 (5<sup>th</sup> Edition), prepared by ENGCO Inc., dated JUL 22, 2015, signed and sealed by Pedro M. De Figueirido, P.E.
2. Glazing complies w/ ASTM E-1300-02, -04 & -09.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS** (Submitted under file #13-0521.13)

1. Technical strength data of Trelleborg EPDM (p/t# 9278-0400) per ASTM C864 and Reed Rubber Product Thermo Plastic Elastomer (p/t #W514).

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-1106.03**  
**Expiration Date: December 26, 2023**  
**Approval Date: March 11, 2021**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. STATEMENTS**

1. Statement letter of conformance to FBC 2014 and "No financial interest", prepared by prepared by ENGCO Inc., dated 02/19/15, signed and sealed by Pedro M. De Figueirdo, P.E.
2. Lab compliance as part of the above referenced test report.
3. Corporate good standing records dated 12/02/13, issued by Wisconsin Department of Financial Institutions. (Submitted under file #13-0521.13)

**G. OTHER**

1. This NOA **revises** NOA #13-0521.13, expiring DEC 26, 2018.
2. Test proposals # **12-1362** dated 08/22/12 approved by RER.
3. Manufacture supplied Adam Rites deadbolt/hook, bolts mechanism and G-86 panic exit device brochures and technical data of EPDM and Thermo Plastic Elastomer. (Submitted under file #13-0521.13).

**2. Evidence submitted under previous approval.**

**A. DRAWINGS**

1. Drawing No. **18-261** (Former**15-049**), titled "System GT1175 Non-Impact Rated", sheets 1, 2, 2.1 thru 16, 16.1 thru 21 of 21, prepared by PPMF Inc., dated APR 29, 2018, signed and sealed by Pedro M. De Figueiredo, P.E.

**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. None.

**F. STATEMENTS**

1. Statement letter of conformance to **FBC 6<sup>th</sup> Edition (2017)** and of no financial interest, prepared by prepared by PPMF Inc., dated APR 29, 2018, signed and sealed by Pedro M. De Figueiredo, P.E.
2. Statement of lab compliance, as part of test report.

**G. OTHER**

1. This NOA **revises** NOA # **15-0323.04**, expiring 12/26/23.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-1106.03**  
**Expiration Date: December 26, 2023**  
**Approval Date: March 11, 2021**



**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. New Evidence submitted.**

**A. DRAWINGS**

2. Drawing No. **20-168** (Former **18-261**), titled "System GT1175 Non-Impact Rated", sheets 1, 2, 2.1 thru 16, 16.1 thru 21 of 21, prepared by PPMF Inc., dated 10/27/2020, signed and sealed by Pedro M. De Figueiredo, P.E.

**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. None.

**F. STATEMENTS**

1. Statement letter of conformance to **FBC 7<sup>th</sup> Edition (2020)** and of no financial interest, prepared by prepared by PPMF Inc., dated 10/27/2020, signed and sealed by Pedro M. De Figueiredo, P.E.
2. Statement of lab compliance, as part of test report.

**G. OTHER**

1. This NOA **revises NOA # 18-0531.03**, expiring 12/26/23.

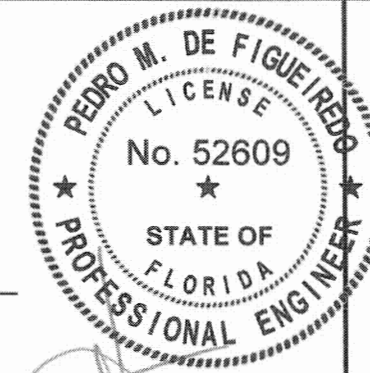
*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-1106.03**  
**Expiration Date: December 26, 2023**  
**Approval Date: March 11, 2021**

# SYSTEM GT 1175

MODELS 1175 FBO AND 1175 FS  
AUTOMATIC ALUMINUM SLIDING GLASS DOOR W/ ALUMINUM REINFORCEMENTS  
NON IMPACT RATED



Pedro De Figueiredo  
10/27/2020

ENGINEERING SERVICES - CA 32459  
9715 W. BROWARD BLVD.  
PLANTATION, FL 33324  
PPMF@AOL.COM  
ENGINEER SEAL  
PEDRO DE FIGUEIREDO  
PE 52609



PRODUCT:  
SYSTEM GT1175  
NON IMPACT RATED  
AUTOMATIC SLIDING GLASS DOOR



MANUFACTURER:  
NABCO ENTRANCES  
S82 W18717 GEMINI DRIVE  
MUSKEGO, WISCONSIN 53150  
PHONE: (877) 622-2694 FAX: (262) 679-2505

## GENERAL NOTES: (FLORIDA BUILDING CODE 2020 7th EDITION - HVHZ)

- 1- CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2020 7th EDITION, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2- DEFINITION: THIS PRODUCT IS AN AUTOMATIC SLIDING GLASS DOOR DESIGNED, CONSTRUCTED AND TESTED TO PROVIDE PROTECTION FROM HURRICANE FORCE WINDS WITHIN THE ALLOWABLE DESIGNED PRESSURES AND LIMITATIONS STATED IN THIS APPROVAL. PRODUCT IS **NOT RATED** FOR LARGE AND SMALL MISSILE, APPROVED HURRICANE SHUTTERS MUST BE INSTALLED IN ORDER TO COMPLY WITH IMPACT RESISTANT CRITERIA.
- 3- LABELING: PRODUCT MUST BE LABELED IN ACCORDANCE WITH THE FBC, CHAPTER 17  
  
"NABCO ENTRANCES - MUSKEGO - WISCONSIN  
SYSTEM GT 1175 SERIES AUTOMATIC SLIDING GLASS DOOR  
MIAMI-DADE PRODUCT CONTROL APPROVED"
- 4- PROJECT DESIGN PRESSURES: THE PROJECT DESIGNED PRESSURES MUST BE CALCULATED BASED ON THE ASCE 7-16, BY A PROFESSIONAL ARCHITECT OR ENGINEER. THE PROJECT DESIGN PRESSURE, AS DETERMINED BY ASCE 7-16, ARE TO BE MULTIPLIED BY 0.6 AND THEY MUST NOT EXCEED THE ALLOWABLE PRODUCT PRESSURE SPECIFIED HERE IN.
- 5- MATERIAL: ALL ALUMINUM PARTS TO BE 6063-T5 ALLOY OR AS NOTED AND GLAZING TO BE FULLY TEMPERED GLASS AS SPECIFIED ON THIS APPROVAL.
- 6- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED IN THE CURRENT SET OF DRAWINGS. INSTALLATION AND LOADS AS PER THIS APPROVAL. ANCHOR SPACING AND LOADS MUST NOT EXCEED THE MAXIMUM LIMITS SPECIFIED BY THIS APPROVAL.
- 7- USE: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT OR ENGINEER OF RECORD TO VERIFY THE FOLLOWING:
  - 7.1- THE STABILITY OF THE STRUCTURE WHERE THE PRODUCT IS TO BE ATTACHED INSURING PROPER ANCHORAGE.
  - 7.2- THE SITE SPECIFIC PROJECT CRITERIA, SUCH AS BUT NOT LIMITED TO, LOCAL CODE REQUIREMENTS, DESIGNED PRESSURES ETC.
  - 7.3- THAT THIS APPROVAL IS ADEQUATE FOR A SPECIFIC PROJECT.
- 8- WOOD BUCKS (1X AND 2X) BY OTHERS, MUST BE PROPERLY ANCHORED TO TRANSFER LOADS TO THE STRUCTURE.
- 9- DISSIMILAR MATERIALS: WHERE ALUMINUM IS IN CONTACT OR FASTENED TO DISSIMILAR MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL, INSTALLATION SHALL MEET THE REQUIREMENTS OF CHAPTER M.7 OF THE ALUMINUM DESIGN MANUAL 2015.

## INSTRUCTIONS TO USE THIS DRAWING TO VERIFY DOOR ADEQUACY PRESSURE

- STEP 1 - SHEET 1 GENERAL NOTE 4: DETERMINE PROJECT DESIGNED PRESSURE (DP) AS INDICATED.
- STEP 2 - SHEET 2.1: SELECT ALLOWABLE PRESSURE USING TABLES 1 OR 2 BASED ON DOOR DIMENSIONS AND MODEL TYPE.
- STEP 3 - SHEET 13: SELECT FRAME ANCHORING ALLOWABLE DESIGN PRESSURE CAPACITY FROM TABLES 3 (SILL) AND 4 (HEADER). SELECT JAMB ANCHORS PER MODEL TYPE
- STEP 4 - THE LOWEST ALLOWABLE DESIGNED PRESSURE FROM STEP 2 AND 3 SHALL APPLY TO THE ENTIRE SYSTEM AND MUST BE GREATER OR EQUAL THAN THE PROJECT DESIGN PRESSURE (DP) FROM STEP 1

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3 OF 21	ELEVATIONS FOR GT1175 FS
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5 OF 21	GT1175 FBO SILL SECTION DETAILS
6 OF 21	GT1175 FBO INTERLOCK & JAMB SECTION DETAILS
7 OF 21	GT1175 FS HEADER SECTION DETAILS
8 OF 21	GT1175 FS SILL SECTION DETAILS
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18 OF 21	LOCK HARDWARE OPTION 1
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20 OF 21	LOCK HARDWARE OPTION 3
21 OF 21	BILL OF MATERIALS

## DOOR ALLOWABLE DESIGNED PRESSURES

MODEL GT1175 FBO - SHEET 2.1 OF 21 TABLE 1
MODEL GT1175 FS - SHEET 2.1 OF 21 TABLE 2
FRAME ANCHORAGE - SHEET 13 OF 21 TABLES 3 & 4

REFER TO EACH MODEL TYPE FOR  
ALLOWABLE DESIGNED PRESSURES AND SIZES

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

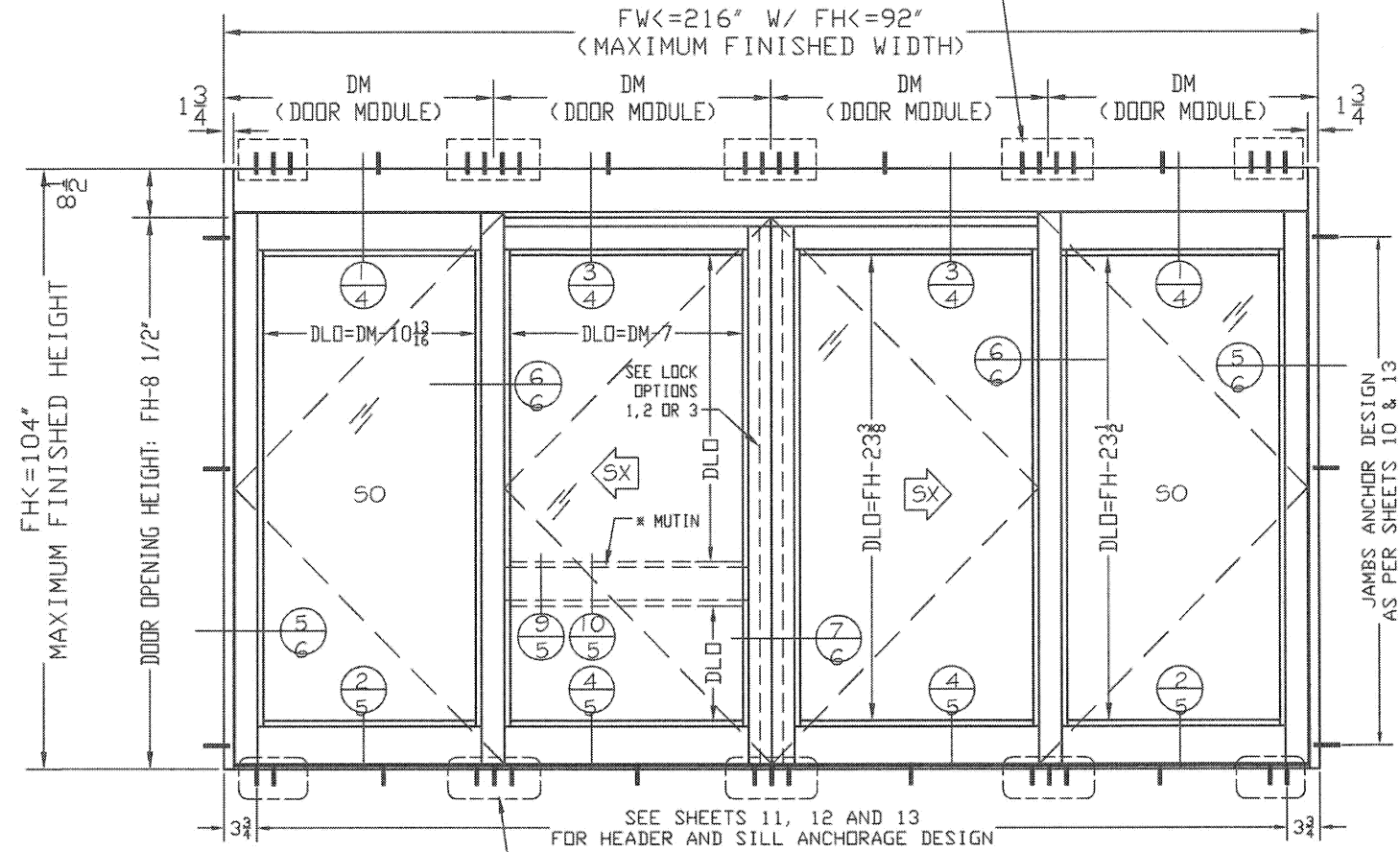
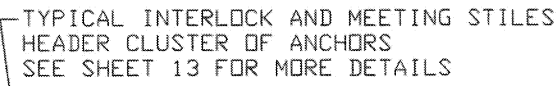
LEGEND:  
FBO: FULL BREAKAWAY OPEN  
FS: FIXED SIDELITE  
FH: DOOR FINISHED HEIGHT  
FW: DOOR FINISHED WIDTH  
DM: DOOR MODULE  
DOW: DOOR OPENING WIDTH  
DOH: DOOR OPENING HEIGHT  
DLO: DAYLIGHT OPENING  
CVR: CONCEALED VERTICAL ROD  
E.D.: EDGE DISTANCE

## MIAMI-DADE BCCO:

SCALE:  
NA  
DATE:  
10/27/20  
DRAWING #  
20-168  
SHEET  
1 OF 21



SYSTEM GT 1175 SERIES - MODEL 1175 FBO

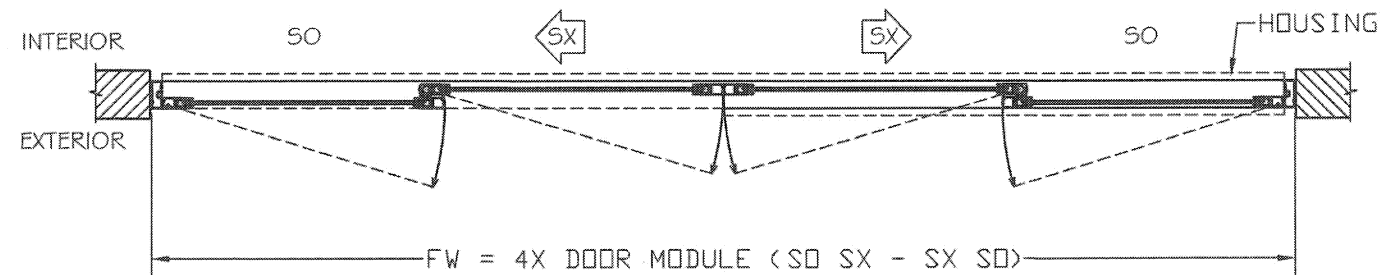


TYPICAL INTERLOCK AND MEETING STILES  
SILL CLUSTER OF ANCHORS  
SEE SHEET 13 FOR MORE DETAILS

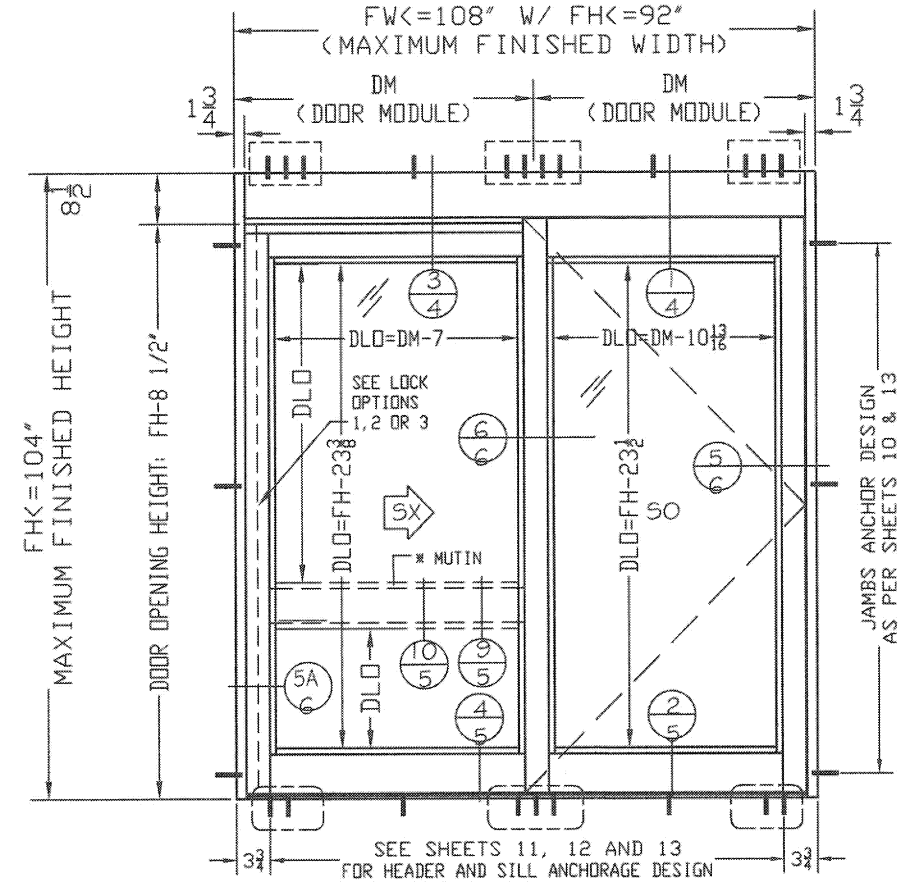
SO SX-SX SO  
EXTERIOR VIEW

\* MUTIN IS OPTIONAL FOR HARDWARE 1 AND 2  
AND MANDATORY FOR HARDWARE 3 (PANIC)

SEE TABLE 1 ON SHEET 2.1 OF 21  
FOR DESIGN PRESSURES



DOOR MODULE:  
DM= FW/ 4 FOR (SO SX-SX SO)  
DM= FW/2 FOR (SO SX)

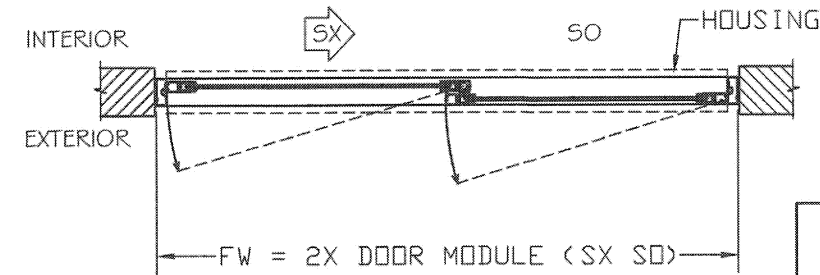


SX SO  
EXTERIOR VIEW

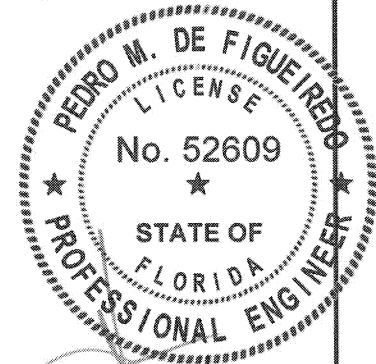
**PRODUCT REVISED**  
as complying with the Florida  
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NOA-No. 20-1106.03

**Expiration Date** 12/26/2023

By Ishag I. Chank  
Miami-Dade Product Control



(4 PANELS) DOOR OPENING WIDTH: DOW= 2X DM-12  
(2 PANELS) DOOR OPENING WIDTH: DOW= 1X DM-6  
DOOR OPENING HEIGHT: DOH= FH- 8 1/2"



Pedro De Figueiredo  
10/27/2020



SYSTEM GT1175  
NON IMPACT RATED  
AUTOMATIC SLIDING GLASS DOOR



**MANUFACTURER:**  
**NABCO ENTRANCES**  
S82 W18717 GEMINI DRIVE  
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PHONE: (877) 622-2694 FAX: (920) 735-2694

SCALE:	NA
DATE:	10/27/20
DRAWING #	20-168
SHEET	2 OF 21

CA 32459  
BLVD.  
324  
ENGINEER SEAL  
PEDRO DE FIGUEIREDO  
PE 52609

SYSTEM GT 1175 SERIES - MODEL 1175 FBO

TABLE 1 - MODEL 1175-FBO  
ALLOWABLE DESIGNED PRESSURES (PSF)

FH (IN)	DM (IN)	PRESSURE (PSF) +/-	MODEL 1175-FBO CONFIGURATIONS NOTES:
92	36	106	1- SLIDING GLASS DOOR CAN BE CONFIGURED IN DIFFERENT WAYS BY USING THE APPROVED SECTIONS FOR EACH MODEL. 2- CONFIGURATIONS CAN BE MADE WITH 2 OR 4 MODULES AS LONG AS IT DOES NOT EXCEED THE MAXIMUM MODULE SIZES AND PRESSURES LISTED IN TABLE 1.
	39	97	
	42	90	
	45	84	
	48	79	
96	54	70	
	36	101	3- USE SECTIONS 1/4 AND 3/4 FOR HEADER DETAILS 4- USE SECTIONS 2/5 AND 4/5 FOR SILL DETAILS 5- USE SECTIONS 5/6 OR 5A/6 FOR JAMB DETAILS 6- USE SECTION 6/6 FOR INTERLOCK DETAIL 7- USE SECTION 7/6 FOR MEETING STILES DETAIL 8- OPTIONAL MID RAIL SECTION 9/8 (ANY PANEL)
	39	93	
	42	87	
	45	81	
	48	76	
100	52	70	
	36	97	EXAMPLE FOR ALTERNATE CONFIGURATIONS
	39	90	
	42	83	
	45	78	
	48	73	
104	49	70	
	36	93	2 PANELS - 50 SX - FW<= 108" (FH<= 92") 2 PANELS - 50 SX - FW<= 96" (FH<= 104") 4 PANELS - 50 SX-SX 50 - FW<= 216" (FH<=92") 4 PANELS - 50 SX-SX 50 - FW<= 192" (FH<=104")
	39	86	
	42	80	
	45	75	
	48	70	

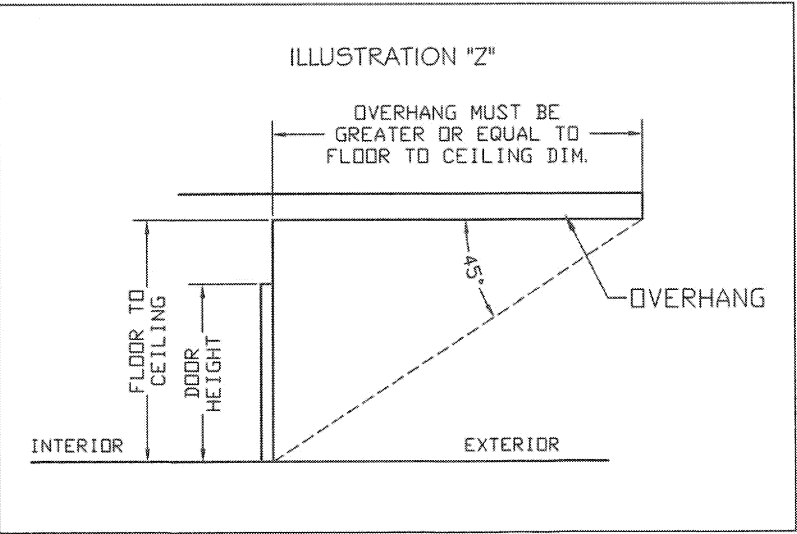
DOOR ARE NOT RATED FOR WATER INFILTRATION,  
INSTALLATION TO MEET ILLUSTRATION "Z" BELOW.

SYSTEM GT 1175 SERIES - MODEL 1175 FS

TABLE 2 - MODEL 1175-FS  
ALLOWABLE DESIGNED PRESSURES (PSF)

FH (IN)	DM (IN)	PRESSURE (PSF) +/-	MODEL 1175-FS CONFIGURATIONS NOTES:
92	36	106	1- SLIDING GLASS DOOR CAN BE CONFIGURED IN DIFFERENT WAYS BY USING THE APPROVED SECTIONS FOR EACH MODEL. 2- CONFIGURATIONS CAN BE MADE WITH 2 OR 4 MODULES AS LONG AS IT DOES NOT EXCEED THE MAXIMUM MODULE SIZES AND PRESSURES LISTED IN TABLE 2. 3- USE SECTIONS 10/7 AND 30/7 FOR HEADER DETAILS 4- USE SECTIONS 20/8 AND 40/8 FOR SILL DETAILS 5- USE SECTIONS 50/9 AND 50A/9 FOR JAMB DETAILS 6- USE SECTION 60/9 FOR INTERLOCK DETAIL 7- USE SECTION 70/9 FOR MEETING STILES DETAIL 8- OPTIONAL MID RAIL SECTION 9/8 (ANY PANEL)
	39	97	
	42	90	
	45	84	
	48	79	
96	54	70	
	36	101	EXAMPLE FOR ALTERNATE CONFIGURATIONS
	39	93	
	42	87	
	45	81	
	48	76	
100	52	70	
	36	97	2 PANELS - O SX - FW<= 108" (FH<= 92") 2 PANELS - O SX - FW<= 96" (FH<= 104") 4 PANELS - O SX-SX O - FW<= 216" (FH<=92") 4 PANELS - O SX-SX O - FW<= 192" (FH<=104")
	39	90	
	42	83	
	45	78	
	48	73	
104	49	70	
	36	93	
	39	86	
	42	80	
	45	75	
	48	70	

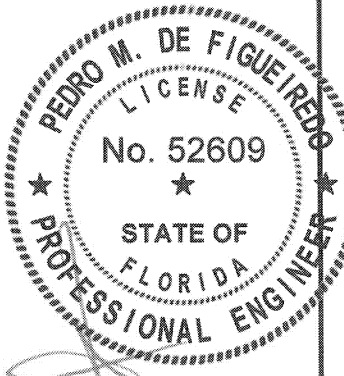
DOOR ARE NOT RATED FOR WATER INFILTRATION,  
INSTALLATION TO MEET ILLUSTRATION "Z" BELOW.



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1106.03

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By Ishaq I. Chank  
Miami-Dade Product Control



Pedro De Figueiredo  
10/27/2020



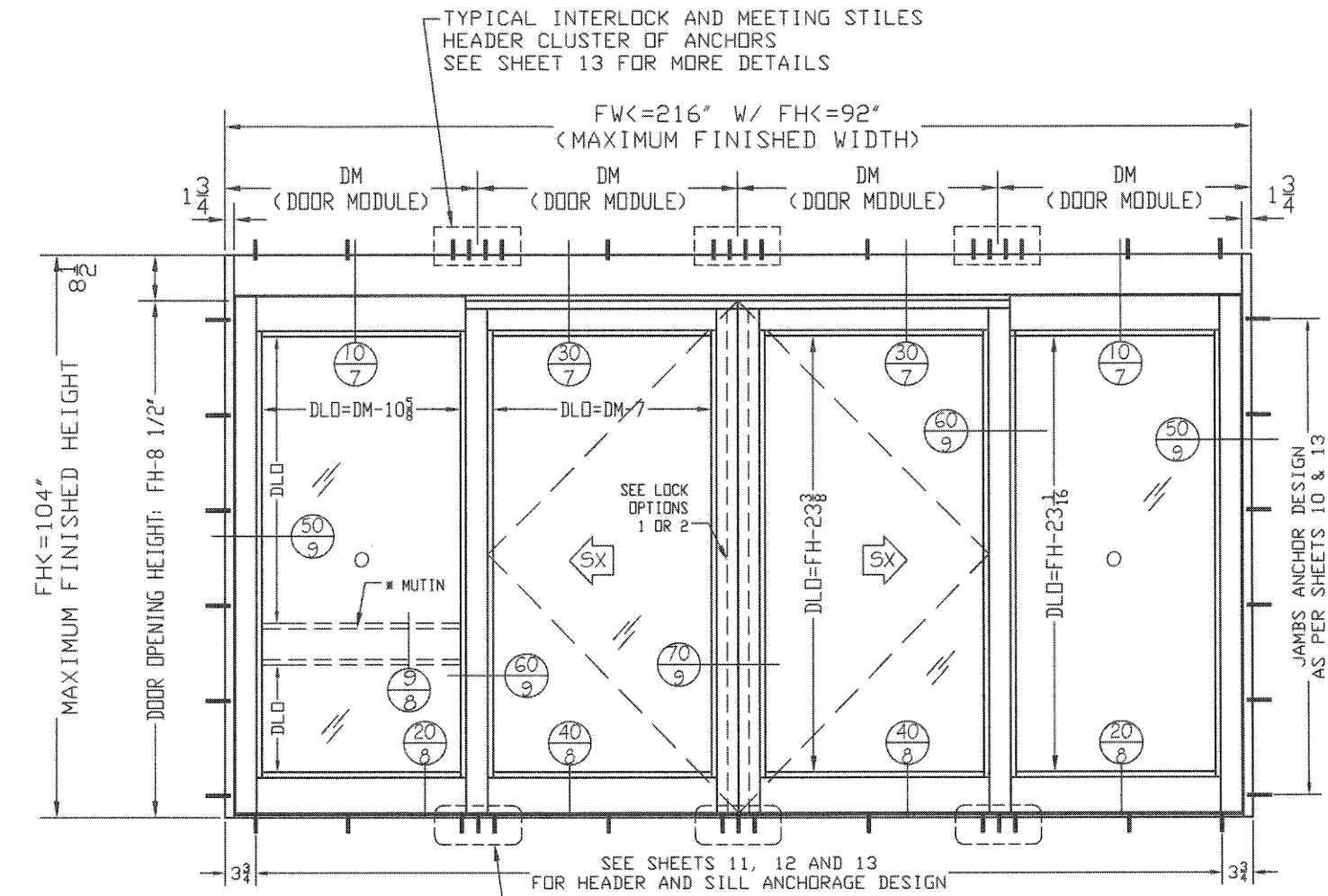
PRODUCT:  
SYSTEM GT1175  
NON IMPACT RATED  
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MANUFACTURER:  
**NABCO ENTRANCES**  
S82 W18717 GEMINI DRIVE  
MUSKEGO, WISCONSIN 53150  
PHONE: (877) 622-2694 FAX: (262) 679-2505

SCALE:  
NA  
DATE:  
10/27/20  
DRAWING #  
20-168  
SHEET  
2.1 OF 21



SYSTEM GT 1175 SERIES - MODEL 1175 FS

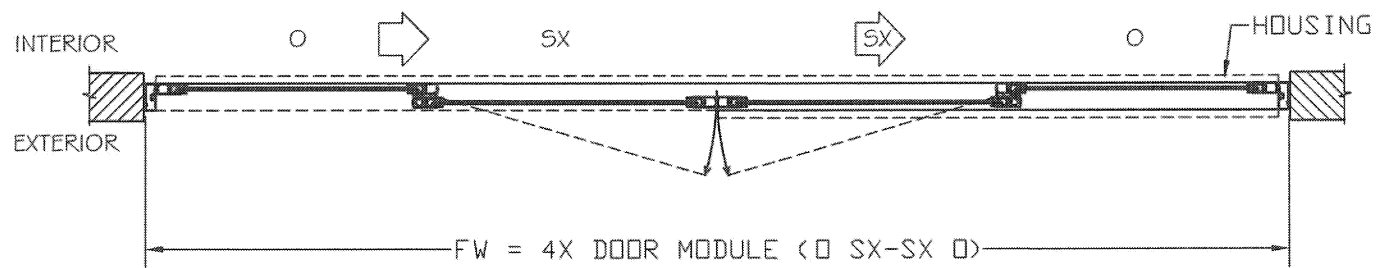


TYPICAL INTERLOCK AND MEETING STILES  
SILL CLUSTER OF ANCHORS  
SEE SHEET 13 FOR MORE DETAILS.

SO SX-SX SO  
EXTERIOR VIEW

\* MUTIN IS OPTIONAL FOR FS MODEL DOOR  
THEY CAN BE INSTALLED IN SX OR D PANELS

SEE TABLE 2 ON SHEET 2.1 OF 21  
FOR DESIGN PRESSURES



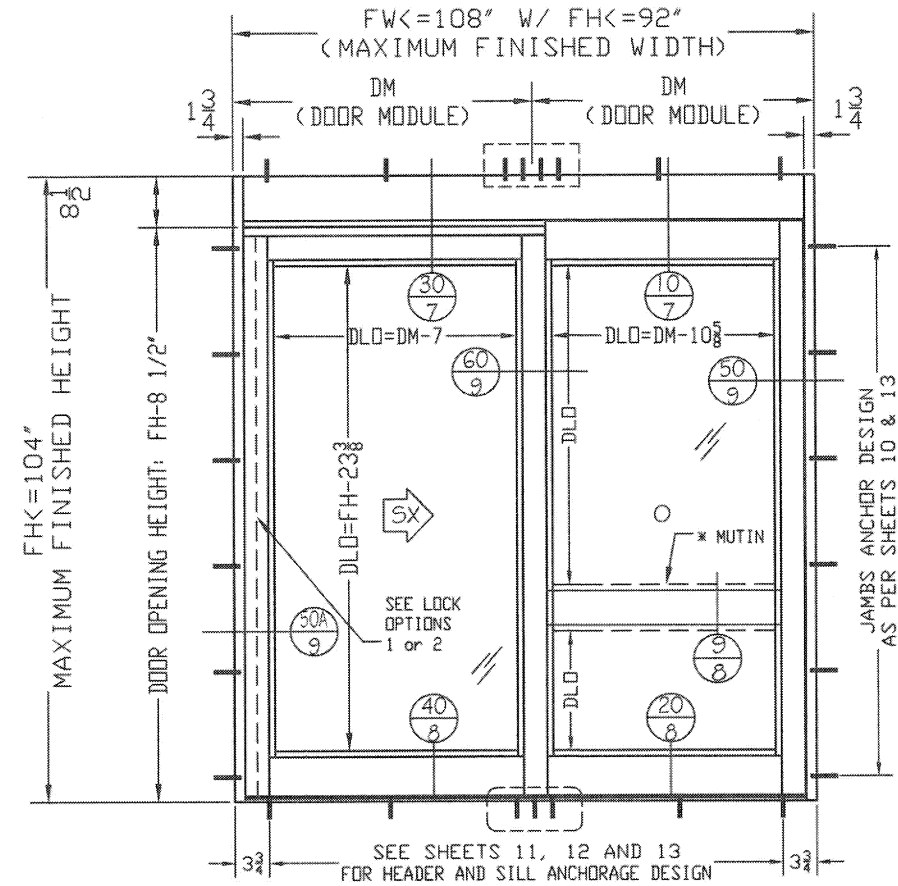
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1106.03

**Expiration Date** 12/26/2023

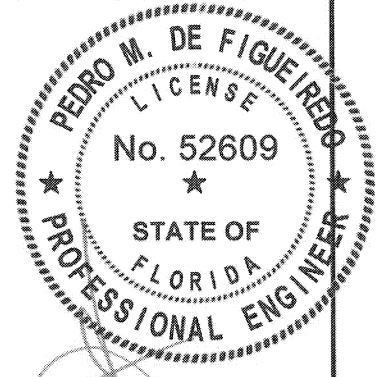
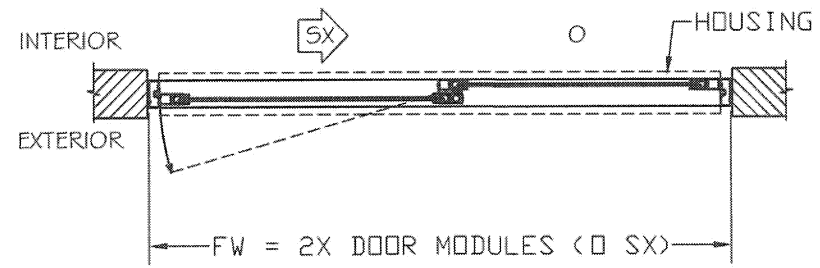
By Ishaq I. Chande  
Miami-Dade Product Control

DOOR MODULE:  
DM= FW/ 4 FOR (O SX-SX O)  
DM= FW/2 FOR (O SX)

(4 PANELS) DOOR OPENING WIDTH: DOW= 2X DM-12  
(2 PANELS) DOOR OPENING WIDTH: DOW= 1X DM-6  
DOOR OPENING HEIGHT: DOH= FH- 8 1/2"



SX SO  
EXTERIOR VIEW



Pedro De Figueiredo  
10/27/2020



PRODUCT.  
SYSTEM GT1175  
NON IMPACT RATED  
AUTOMATIC SLIDING GLASS DOOR

**NABCO**  
NABCO ENTRANCES  
S82 W18717 GEMINI DRIVE  
MUSKEGO, WISCONSIN 53150  
PHONE: (877) 622-2694 FAX: (262) 679-2505

MANUFACTURER:

SCALE:  
NA

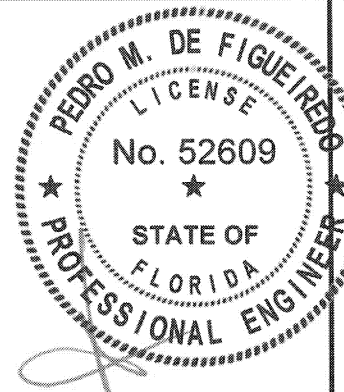
DATE: 1/27/20

DRAWING #  
O-168

SHEET  
OF 21

ENGINEERING SERVICES - CA 32459  
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PLANTATION, FL 33324  
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PEDRO DE FIGUEROA  
PE 52609

HEADER SECTION DETAILS - 1175 FBO



Pedro De Figueiredo  
10/27/2020

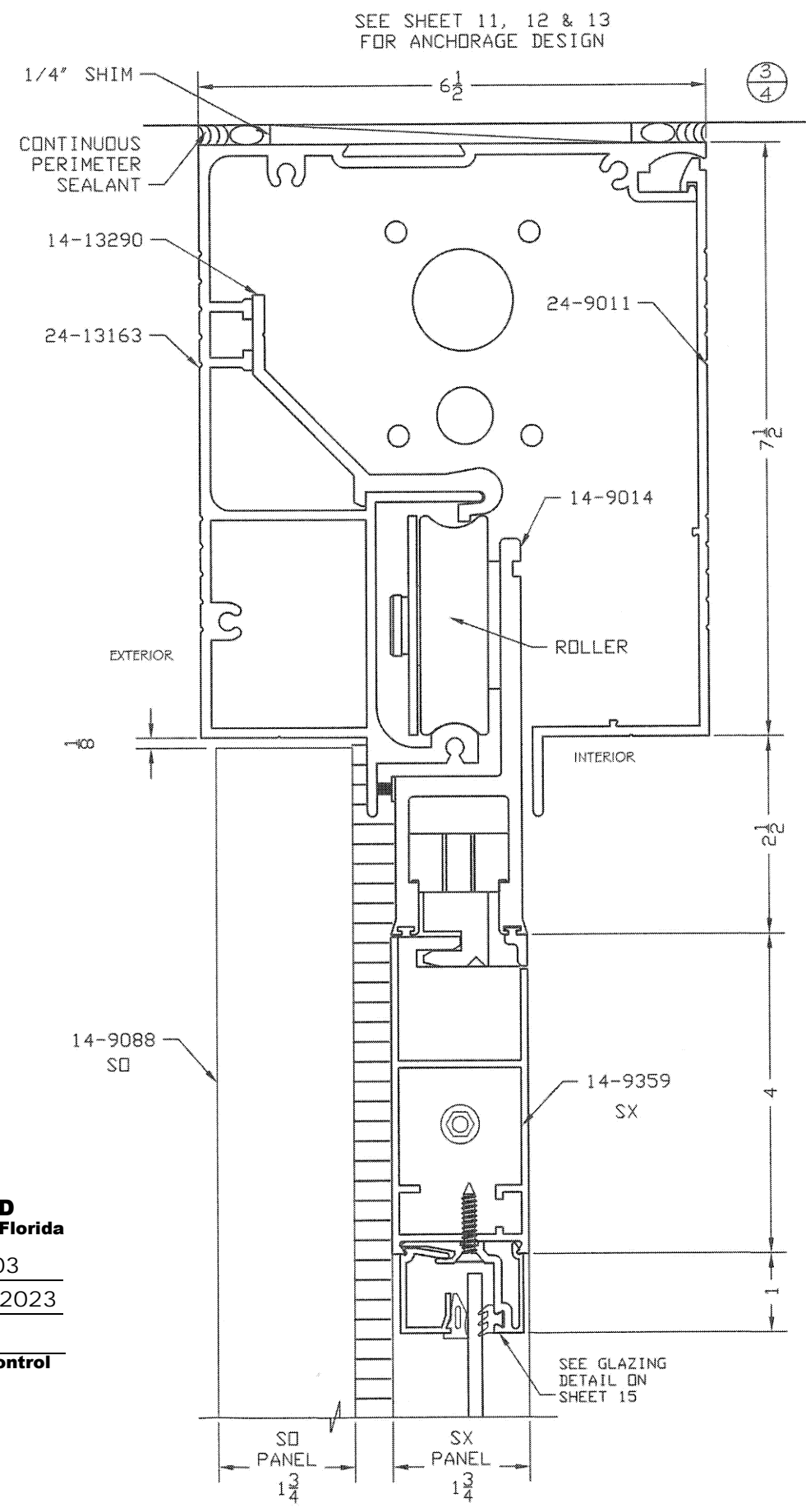
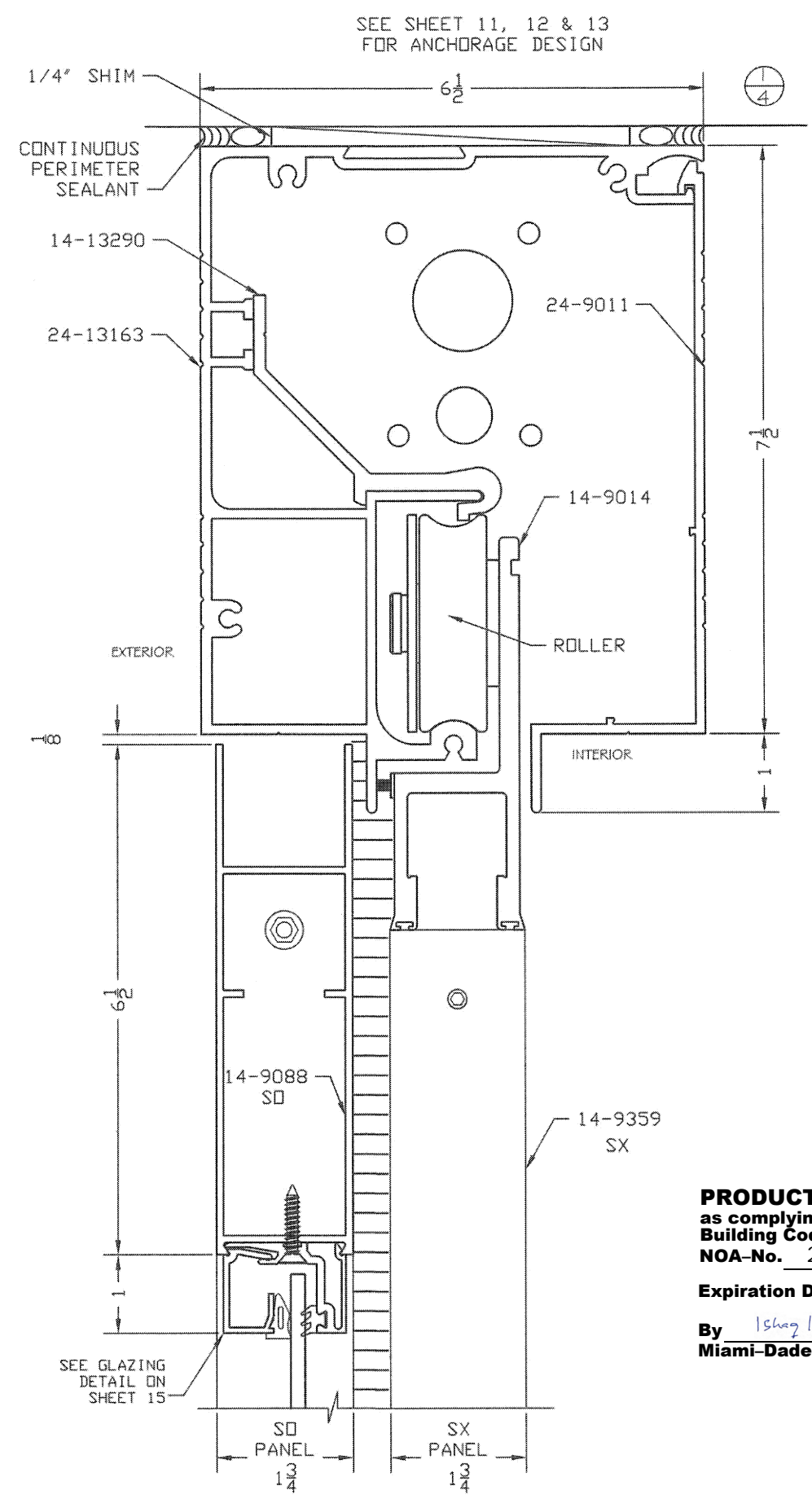


PRODUCT:  
SYSTEM GT1175  
NON IMPACT RATED  
AUTOMATIC SLIDING GLASS DOOR



MANUFACTURER:  
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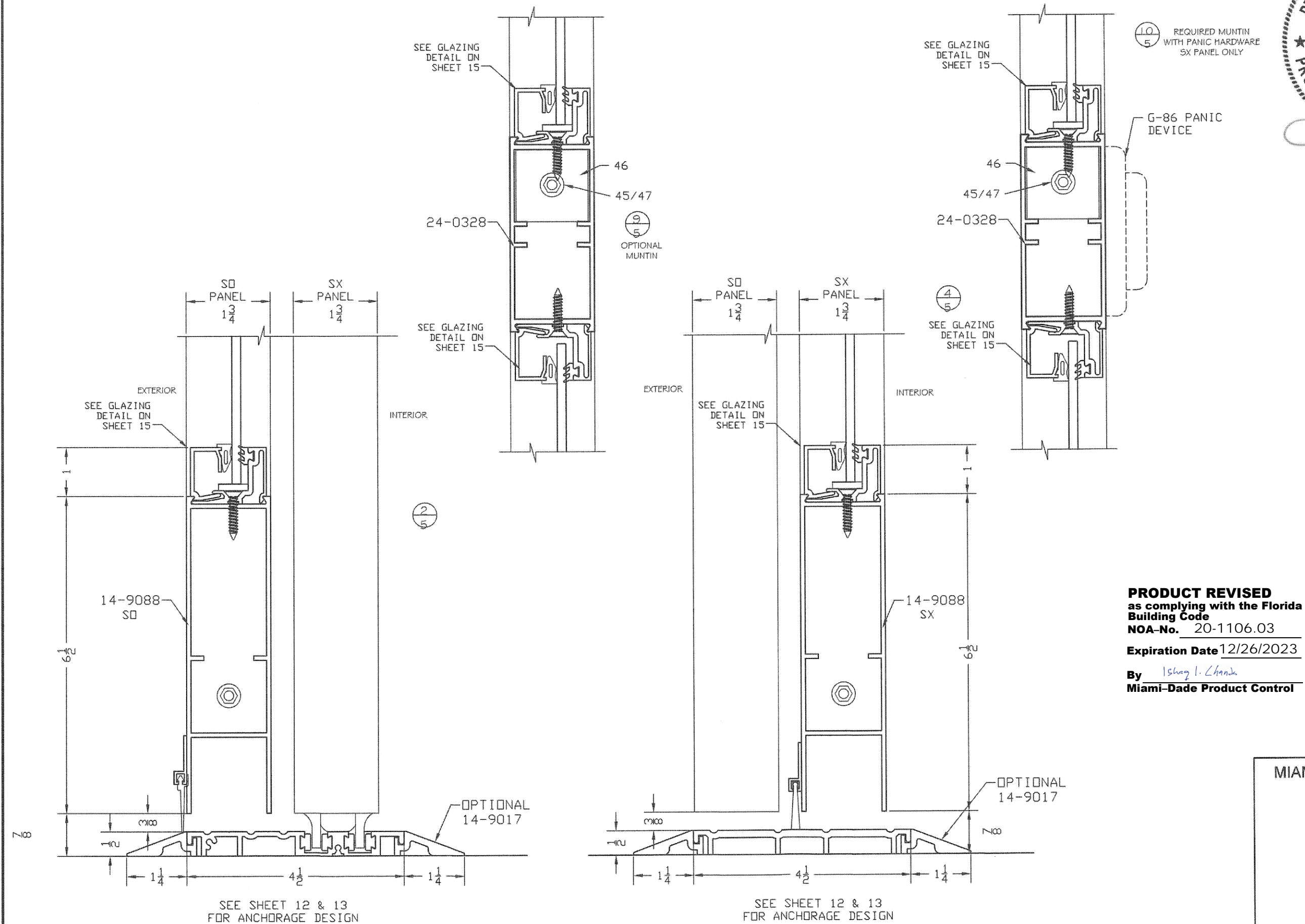
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DATE:  
10/27/20  
DRAWING #  
20-168  
SHEET  
4 OF 21



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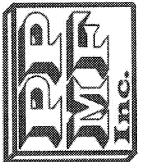
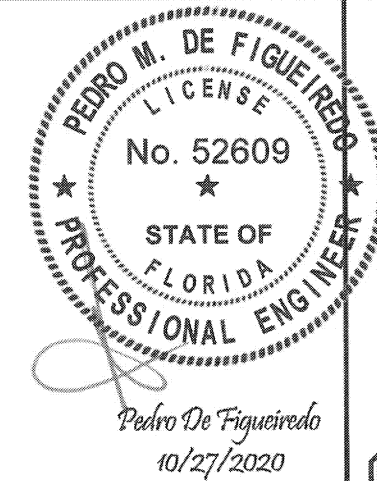


# SILL SECTION DETAILS - 1175 FBO



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Building Code  
NOA-No. 20-1106.03  
Expiration Date 12/26/2023  
By Ishag I. Chanda  
Miami-Dade Product Control

MIAMI-DADE BCCO:



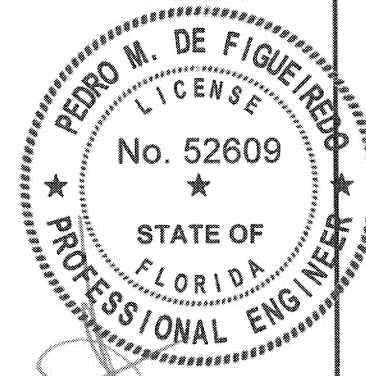
PRODUCT:  
SYSTEM GT1175  
NON IMPACT RATED  
AUTOMATIC SLIDING GLASS DOOR

MANUFACTURER:  
NABCO ENTRANCES  
S82 W18717 GEMINI DRIVE  
MUSKEGO, WISCONSIN 53150  
PHONE: (877) 622-2694 FAX: (262) 679-2505

SCALE:  
NA  
DATE:  
10/27/20  
DRAWING #  
20-168  
SHEET  
5 OF 21

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# JAMB, INTERLOCK AND MEETING SECTION DETAILS - 1175 FBO



Pedro De Figueiredo  
10/27/2020

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ENGINEER SEAL  
PEDRO DE FIGUEIREDO  
PE 52609



PRODUCT:  
SYSTEM GT1175  
NON IMPACT RATED  
AUTOMATIC SLIDING GLASS DOOR



MANUFACTURER:  
NABCO ENTRANCES  
S82 W18717 GEMINI DRIVE  
MUSKEGO, WISCONSIN 53150  
PHONE: (877) 622-2694 FAX: (262) 679-2505

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Building Code  
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Expiration Date 12/26/2023  
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Miami-Dade Product Control

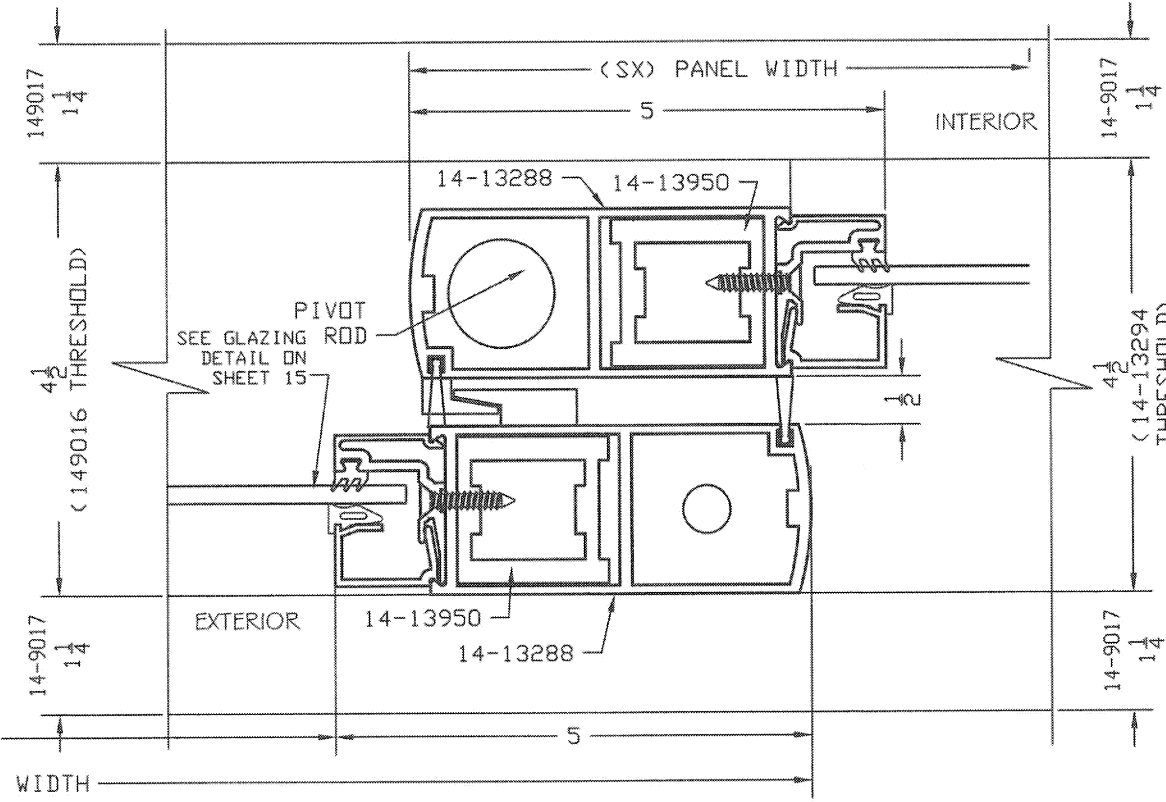
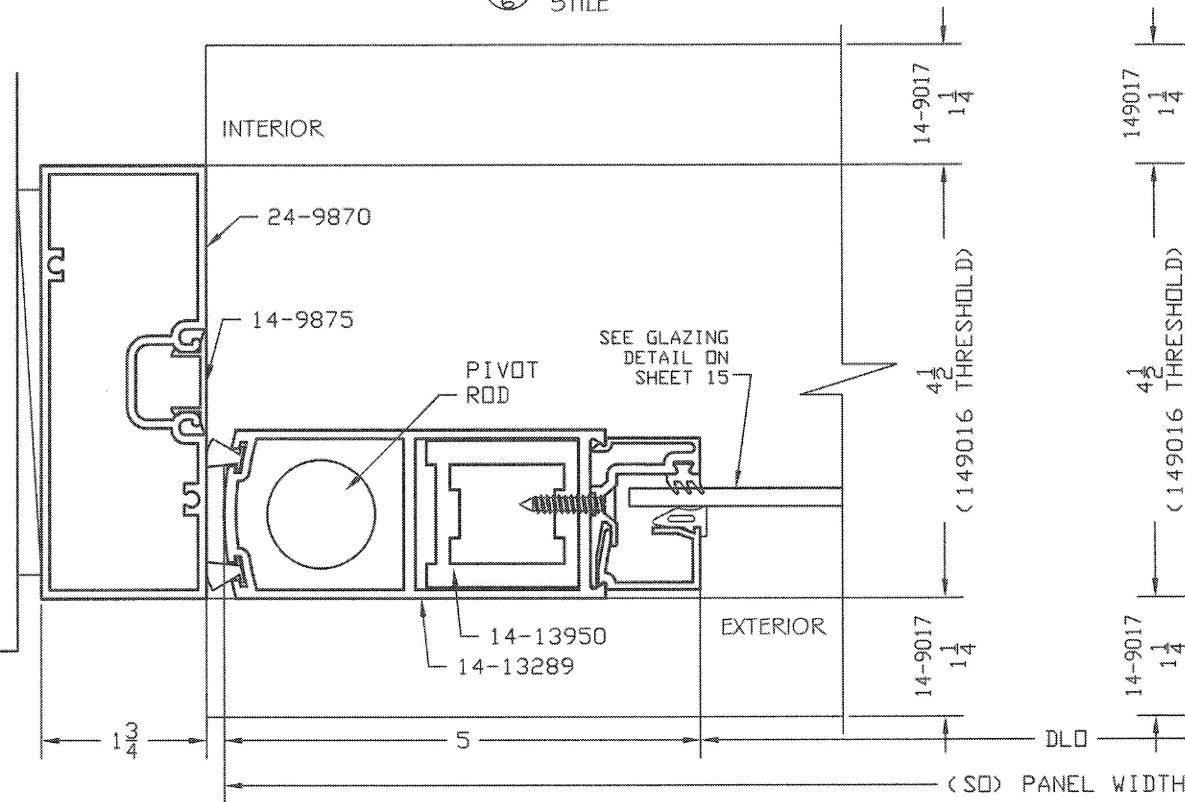
MIAMI-DADE BCCO:

SCALE:  
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DATE:  
10/27/20  
DRAWING #  
20-168  
SHEET  
6 OF 21

5 JAMB  
6 STILE

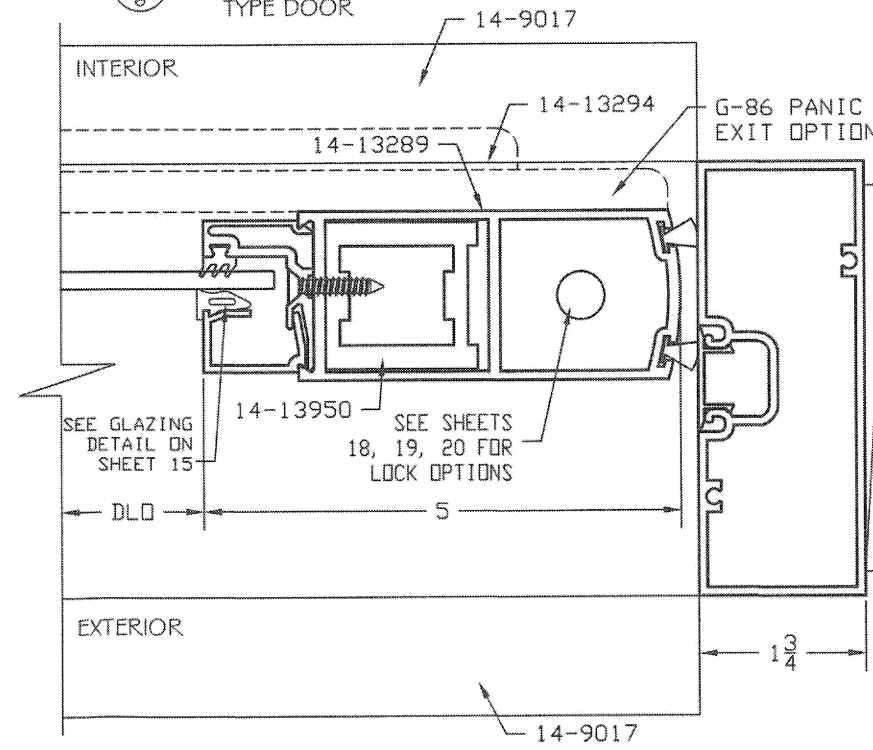
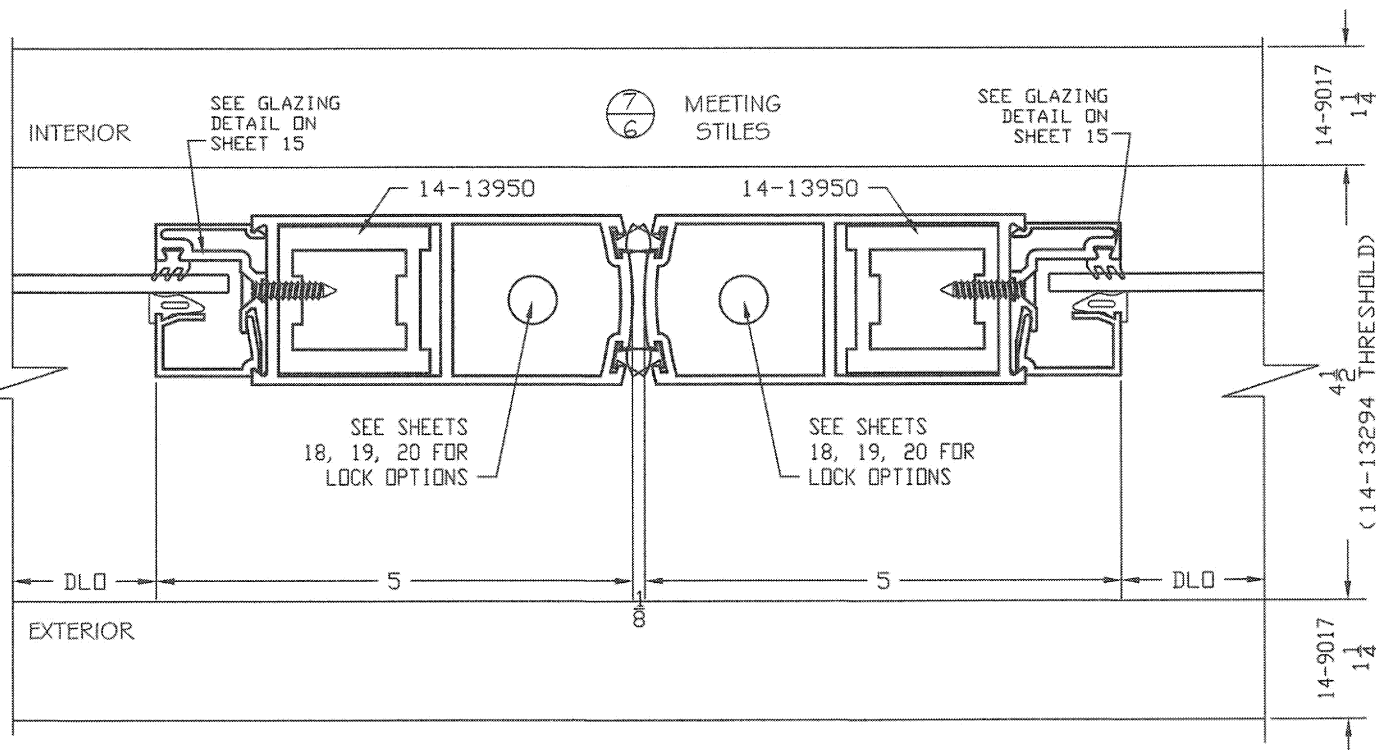
6 INTERLOCK  
6 STILE

SEE SHEET 10 & 13 FOR JAMB  
ANCHORING DETAILS



7 MEETING  
6 STILES

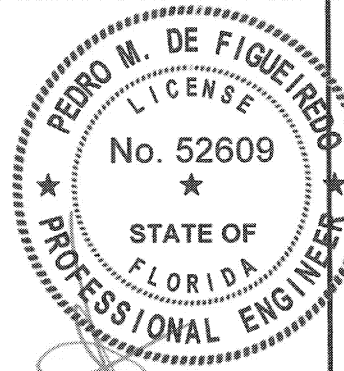
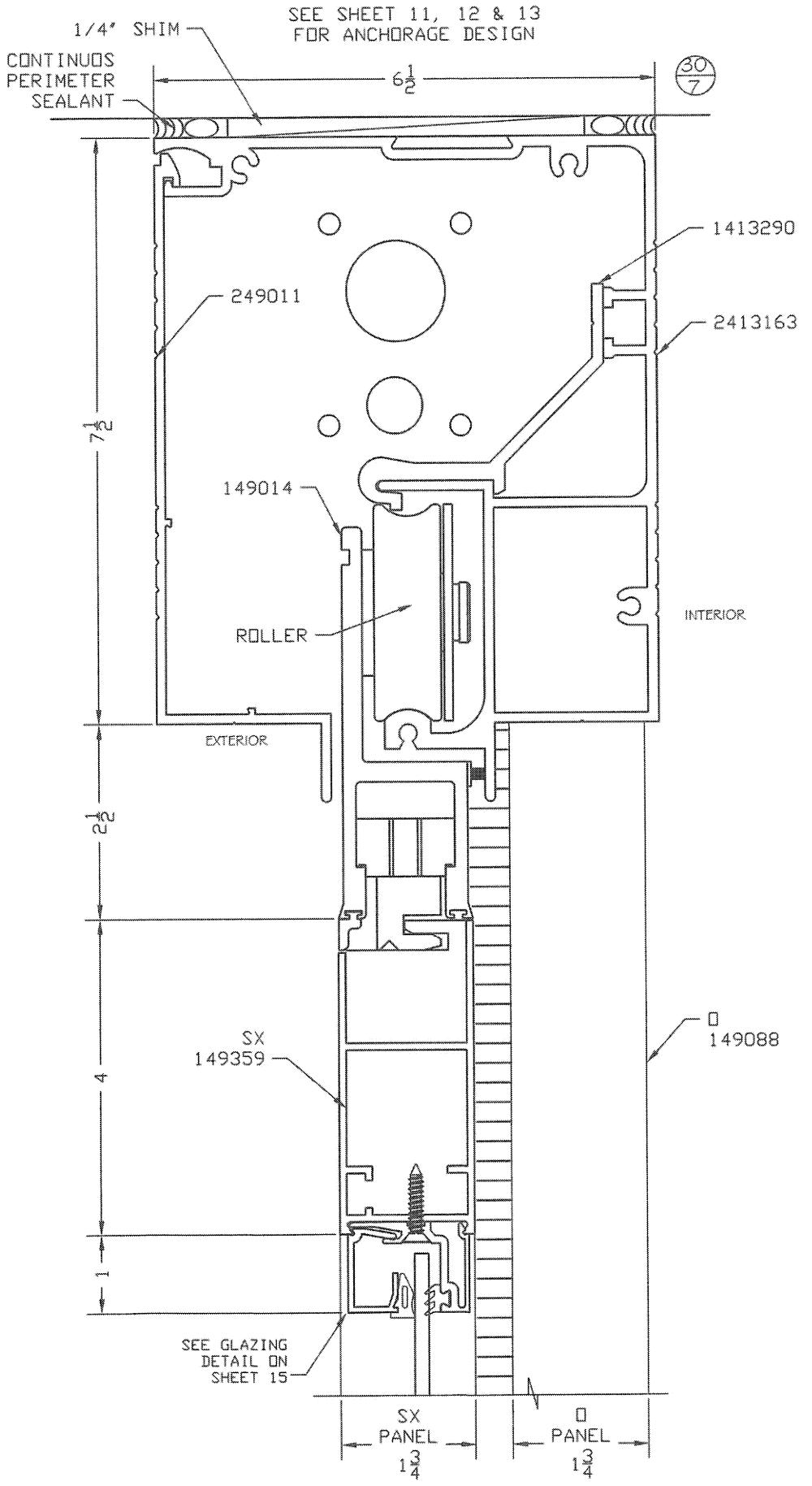
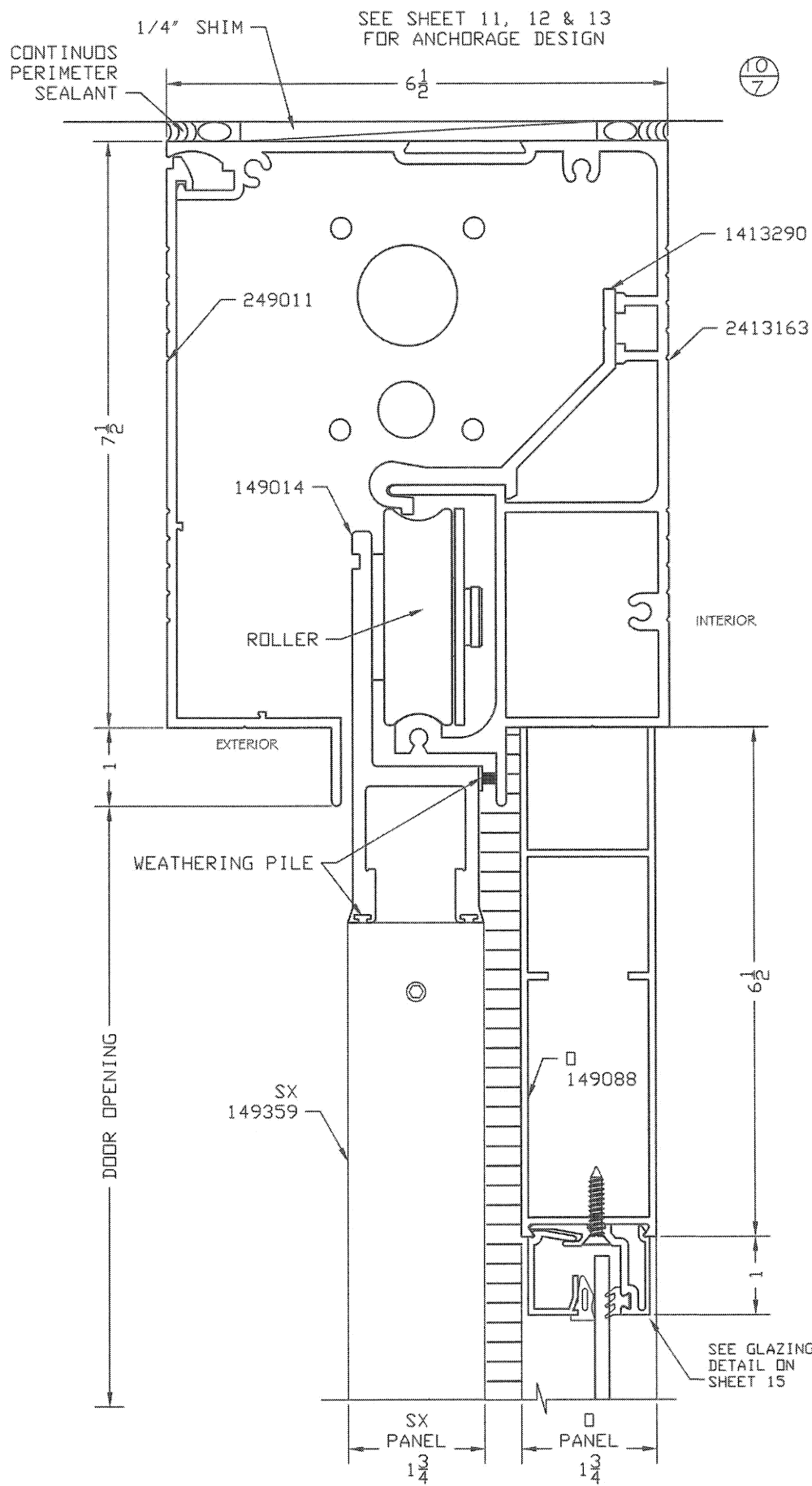
5A SX JAMB STILE:  
6 (SO SX) 2 PANELS  
TYPE DOOR



SEE SHEET 10 & 13 FOR JAMB  
ANCHORING DETAILS



HEADER SECTION DETAILS - 1175 FS



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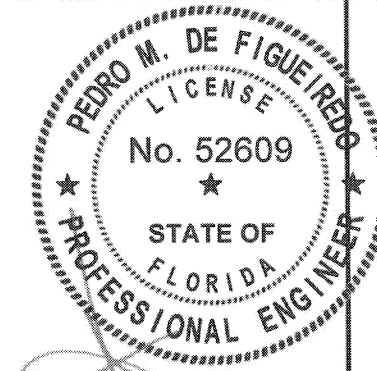
PRODUCT:  
SYSTEM GT1175  
NON IMPACT RATED  
AUTOMATIC SLIDING GLASS DOOR

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1106.03  
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By Ishag I. Chande  
Miami-Dade Product Control

MANUFACTURER:  
**NABCO ENTRANCES**  
S82 W18717 GEMINI DRIVE  
MUSKEGO, WISCONSIN 53150  
PHONE: (877) 622-2694 FAX: (262) 679-2505

SCALE:  
NA  
DATE:  
10/27/20  
DRAWING #  
20-168  
SHEET  
7 OF 21

# SILL SECTION DETAILS - 1175 FS



Pedro De Figueiredo  
10/27/2020

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PLANTATION, FL 33324  
PPMF@AOL.COM  
ENGINEER SEAL  
PEDRO DE FIGUEIREDO  
FE 52609

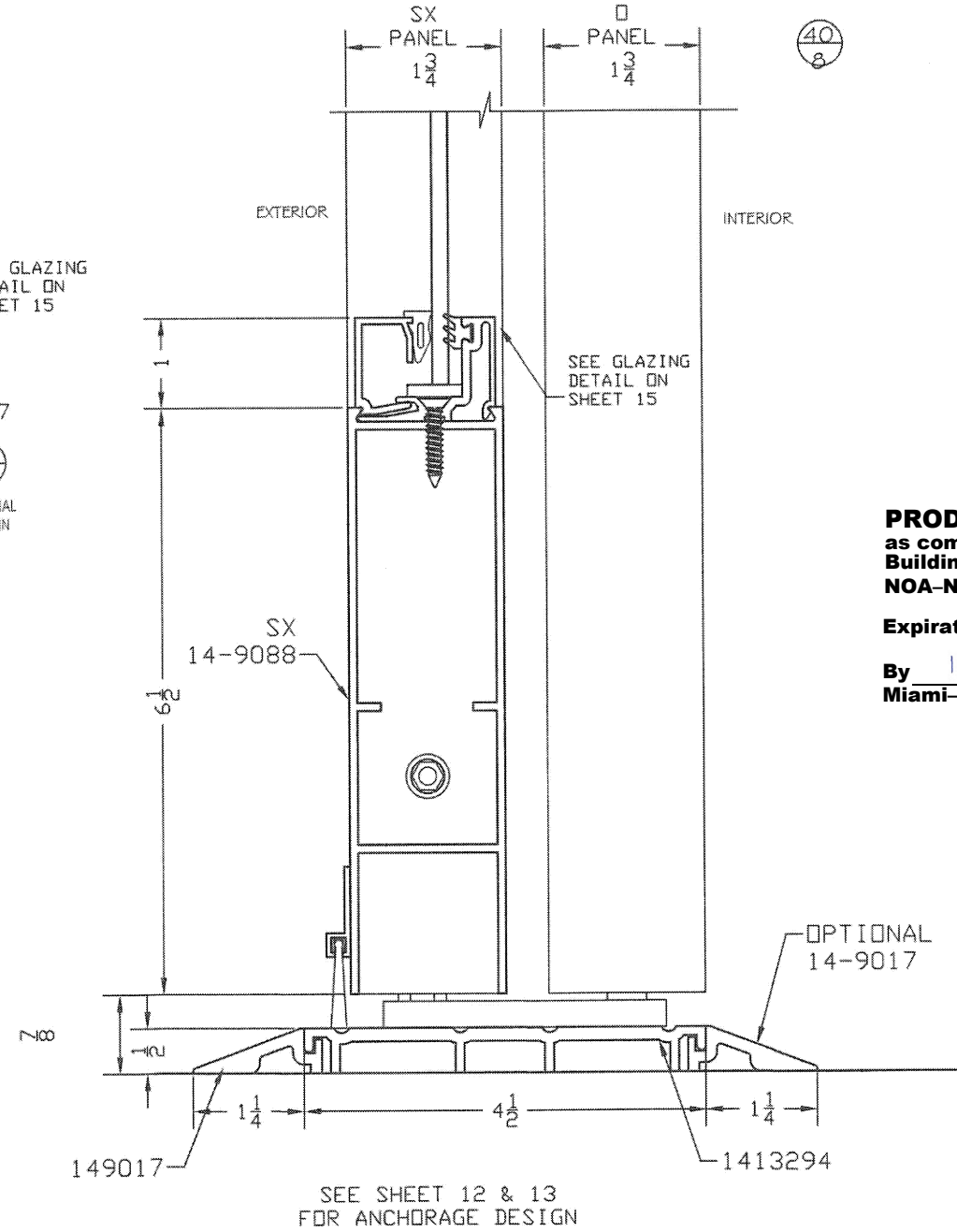
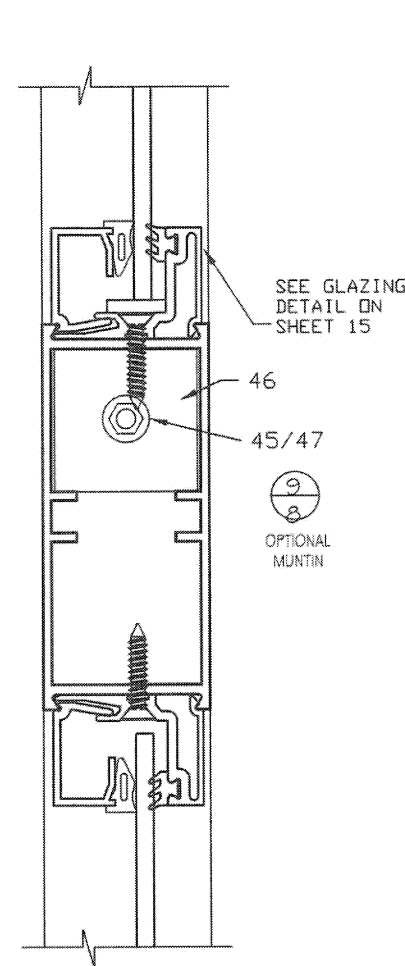
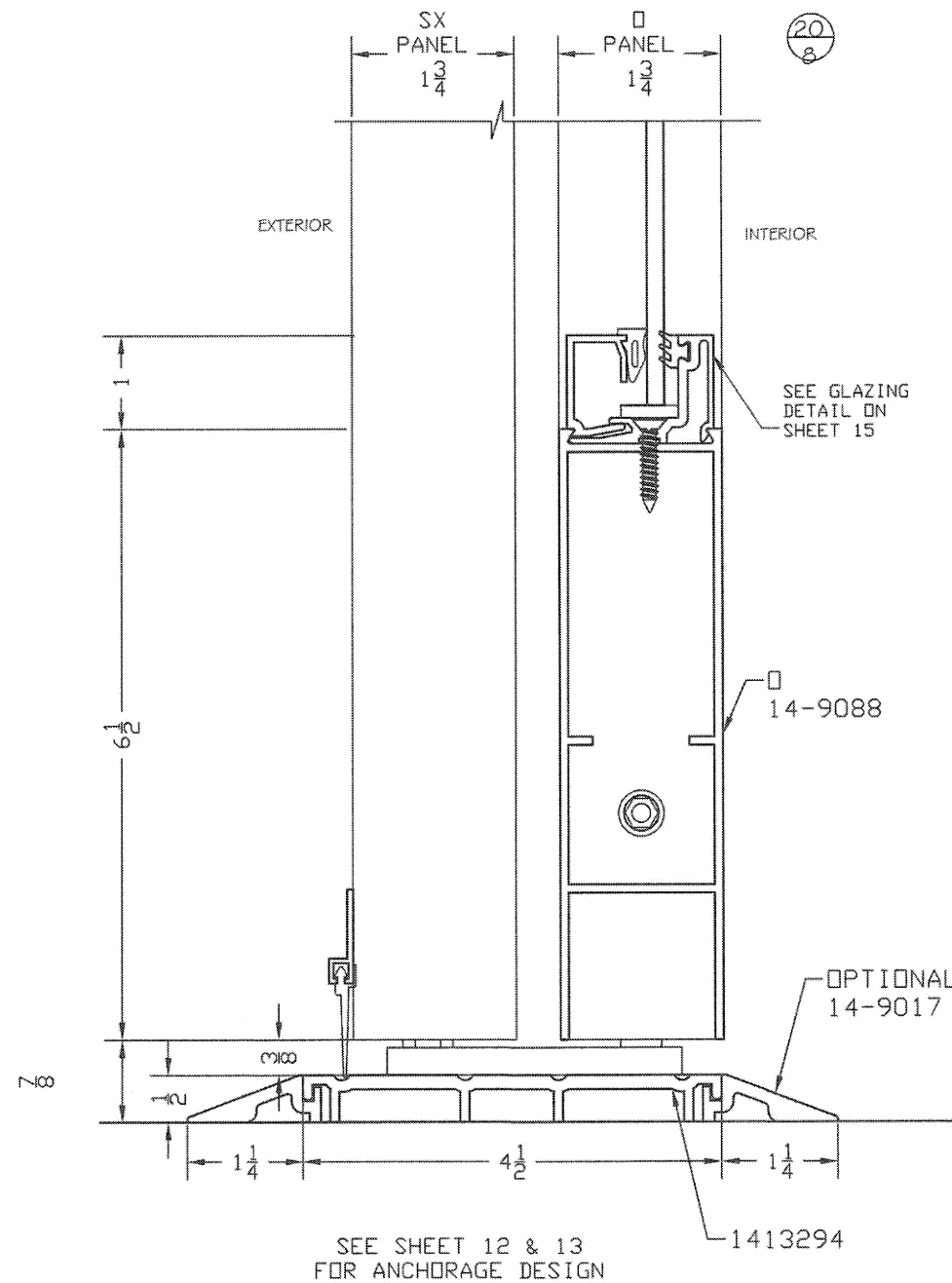


PRODUCT:  
SYSTEM GT1175  
NON IMPACT RATED  
AUTOMATIC SLIDING GLASS DOOR



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SCALE:  
NA  
DATE:  
10/27/20  
DRAWING #  
20-168  
SHEET  
8 OF 21



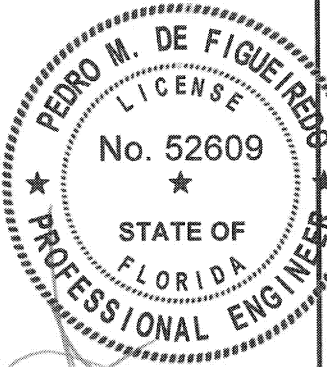
**PRODUCT REVISED**  
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Building Code  
NOA-No. 20-1106.03  
Expiration Date 12/26/2023  
By Isaac I. Chandra  
Miami-Dade Product Control



JAMB, INTERLOCK AND MEETING SECTION DETAILS - 1175 FS

50  
9 JAMB  
STILE

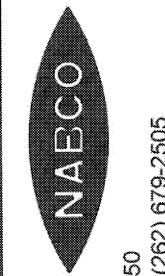
60  
9 INTERLOCK  
STILE



Pedro De Figueiredo  
10/27/2020



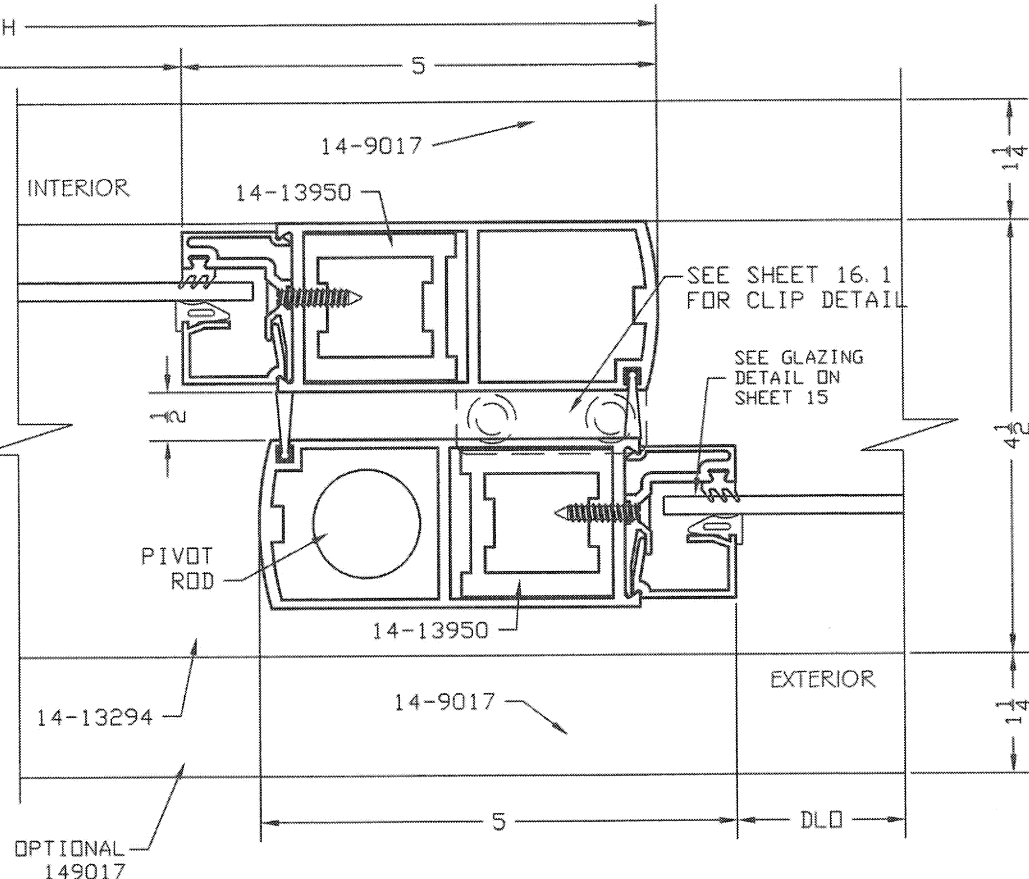
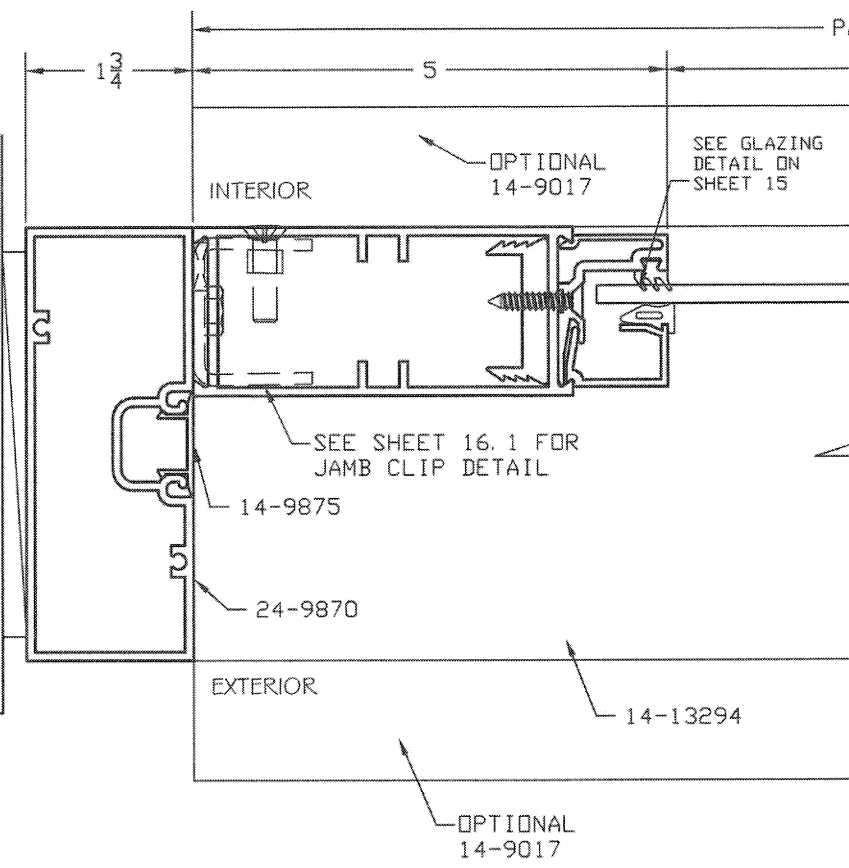
PRODUCT:  
SYSTEM GT1175  
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10/27/20  
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20-168  
SHEET  
9 OF 21

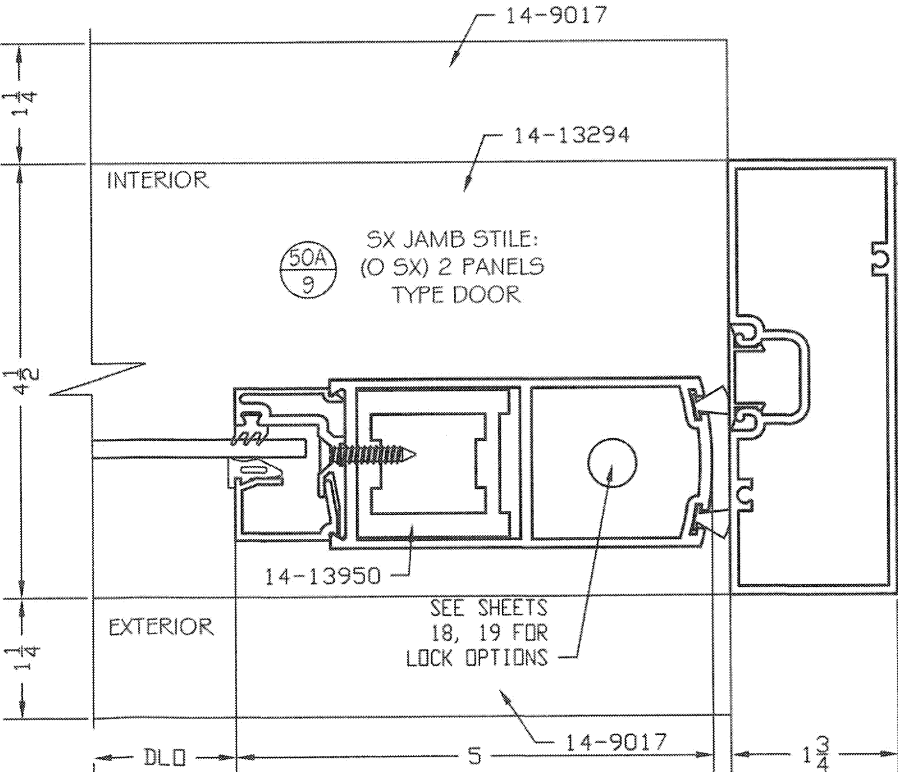
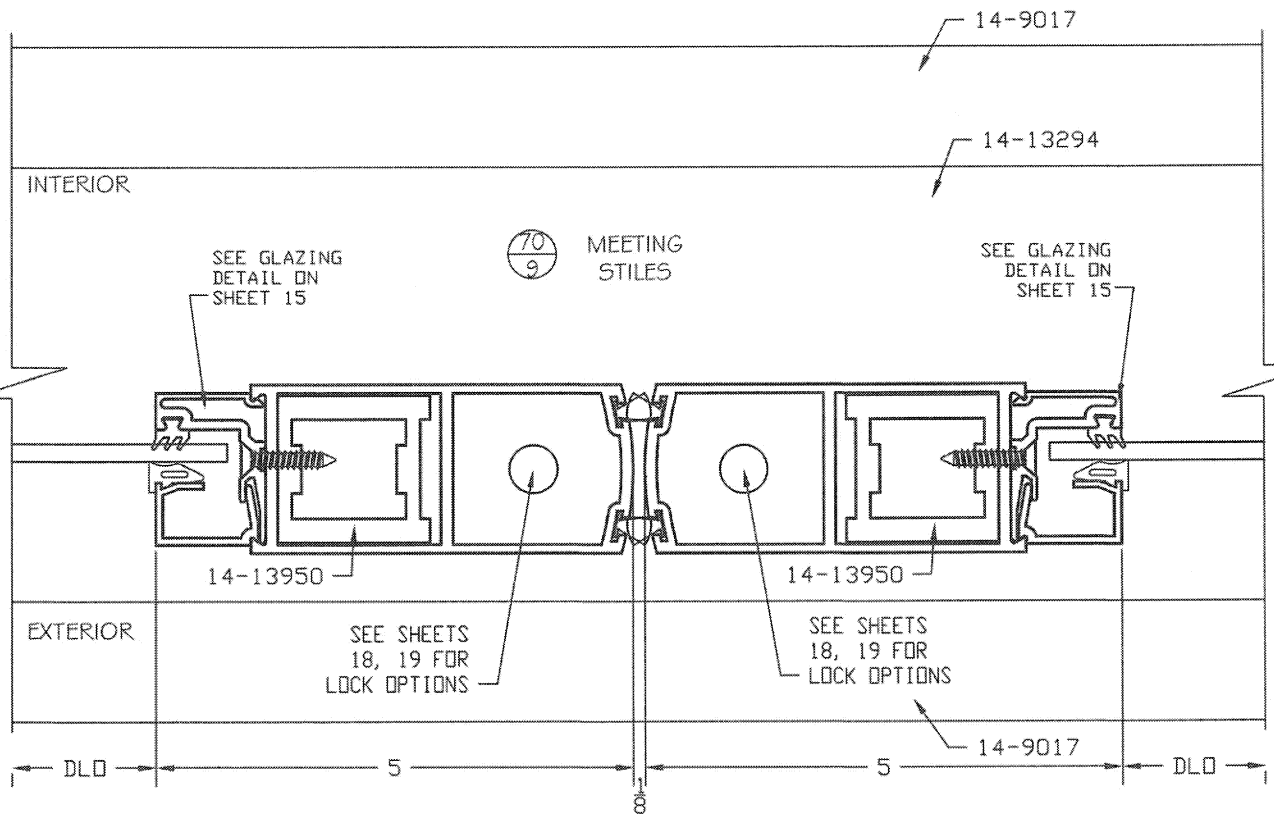
SEE SHEET 10 & 13 FOR JAMB  
ANCHORING DETAILS



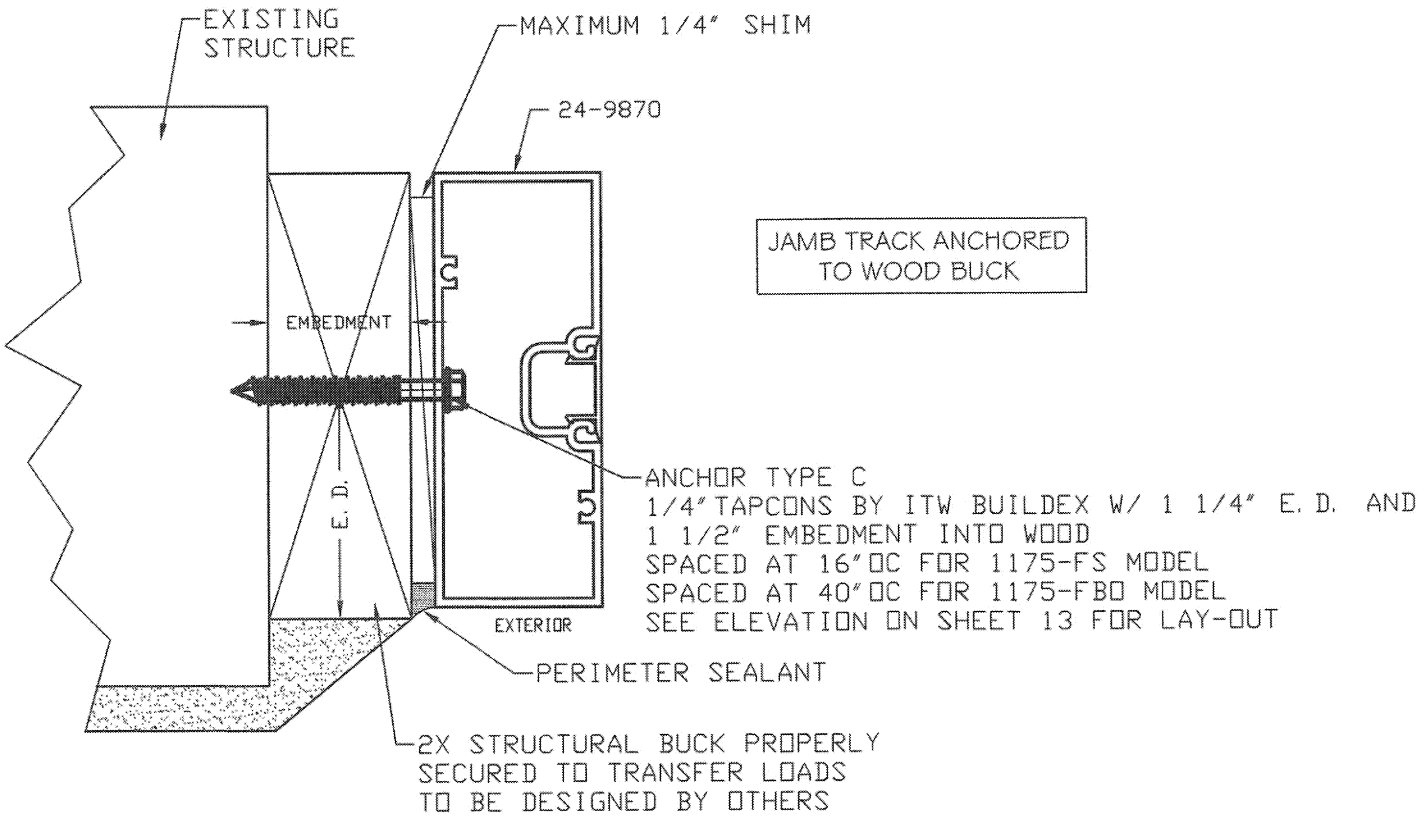
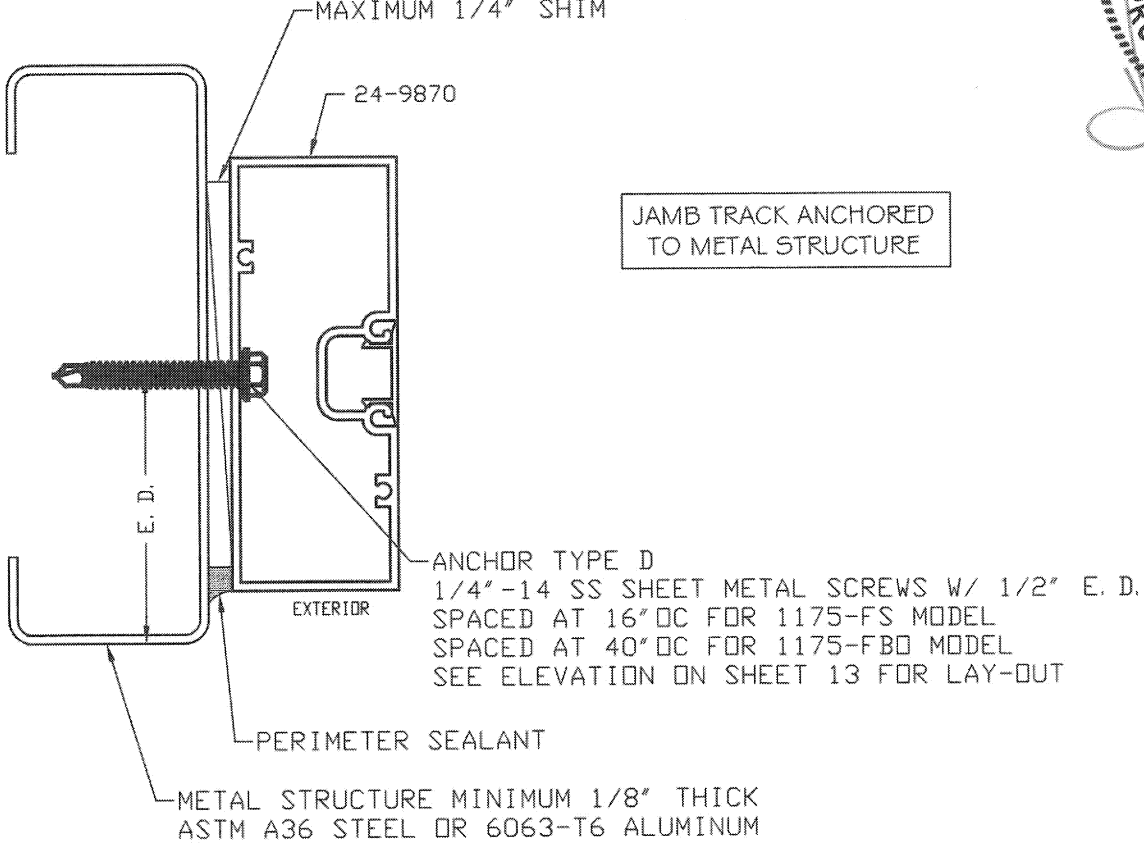
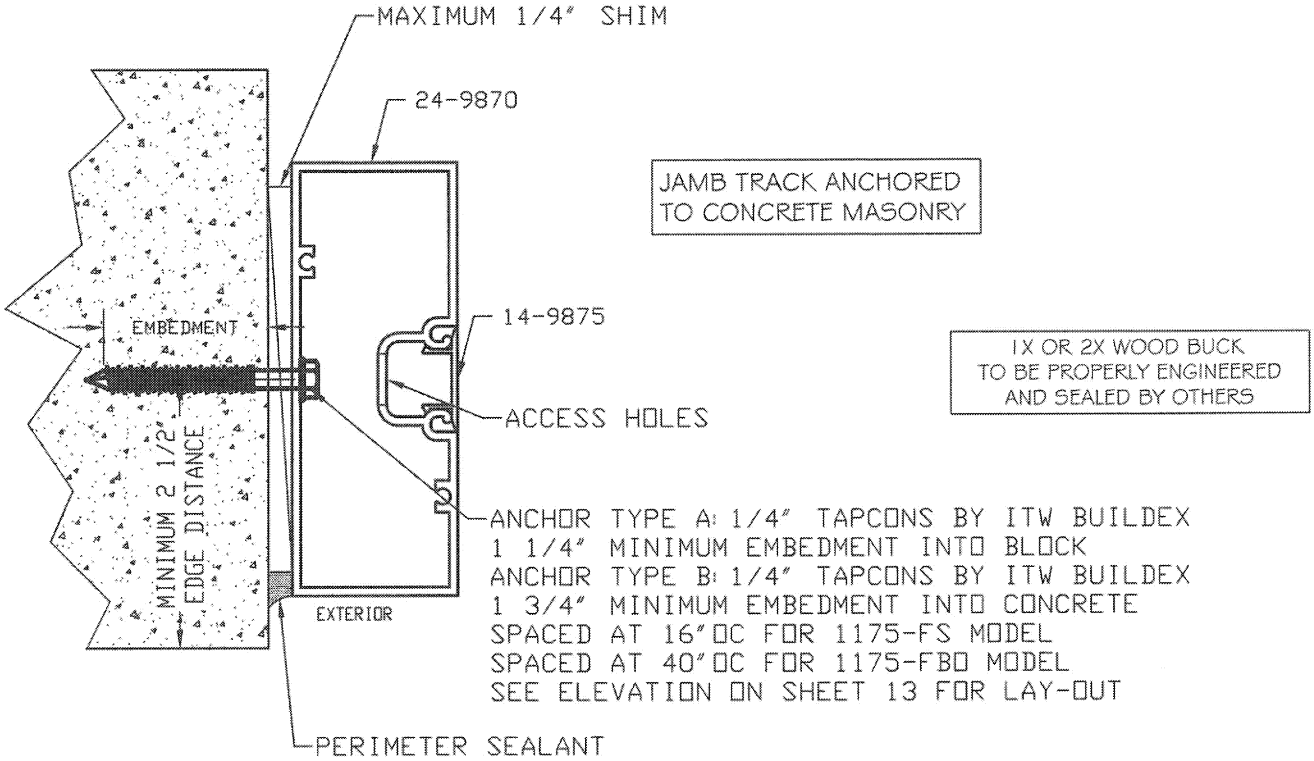
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Building Code  
NOA-No. 20-1106.03

Expiration Date 12/26/2023

By Isaac L. Chanda  
Miami-Dade Product Control

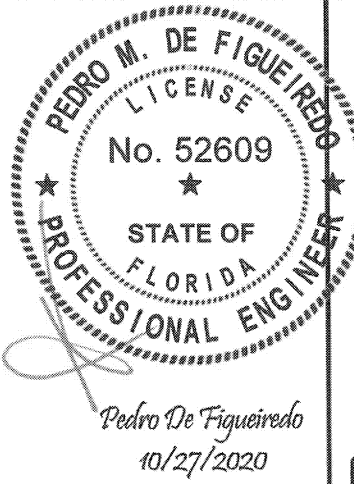


JAMB FRAMING ANCHORAGE DETAILS



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Expiration Date 12/26/2023  
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PLANTATION, FL 33324  
PPMF@AOL.COM  
ENGINEER SEAL  
PEDRO DE FIGUEIREDO  
PE 52609

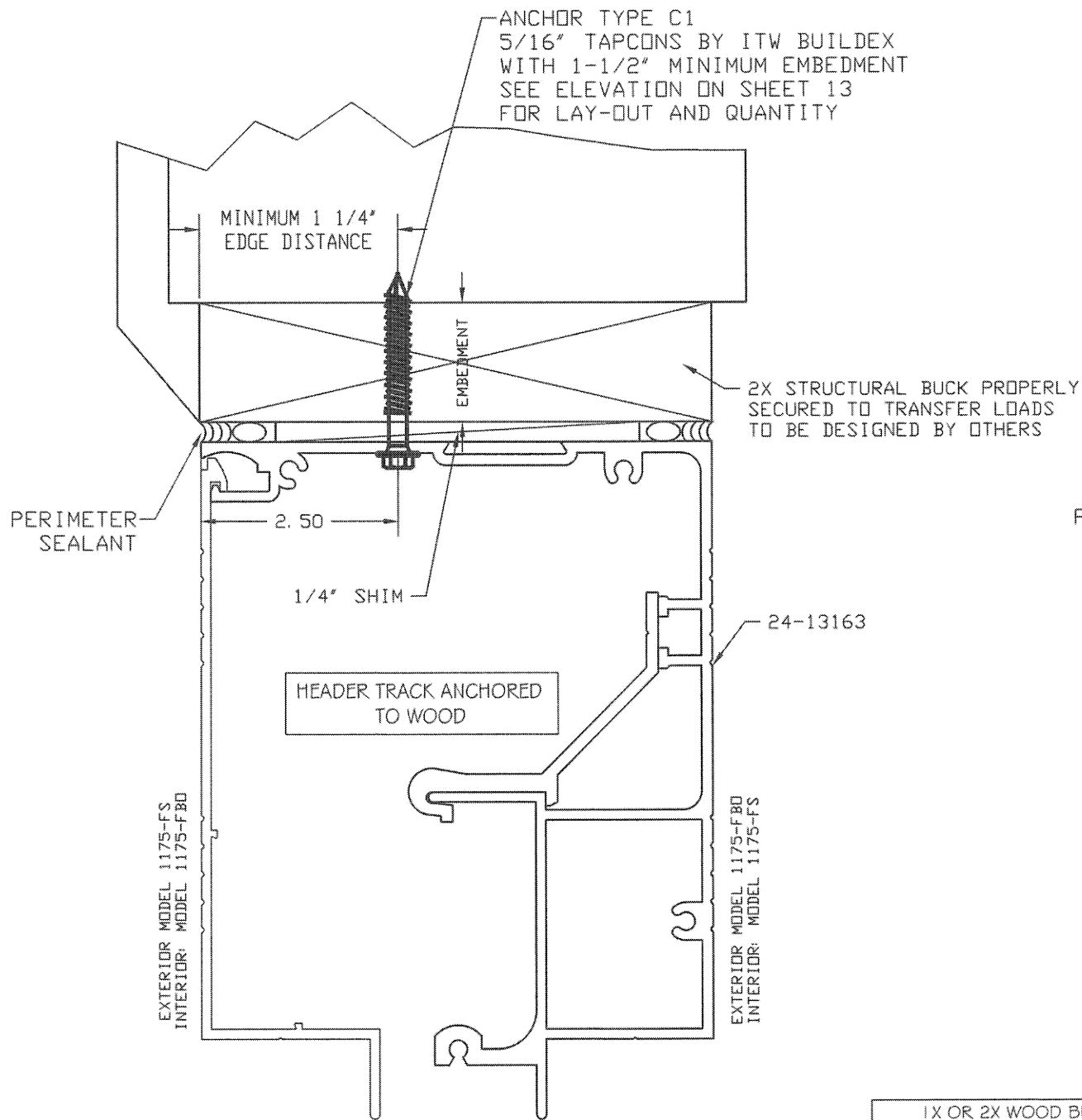
PRODUCT:  
SYSTEM GT1175  
NON IMPACT RATED  
AUTOMATIC SLIDING GLASS DOOR

MANUFACTURER:  
**NAECO**  
NABCO ENTRANCES  
S82 W18717 GEMINI DRIVE  
MUSKEGO, WISCONSIN 53150  
PHONE: (877) 622-2694 FAX: (262) 679-2505

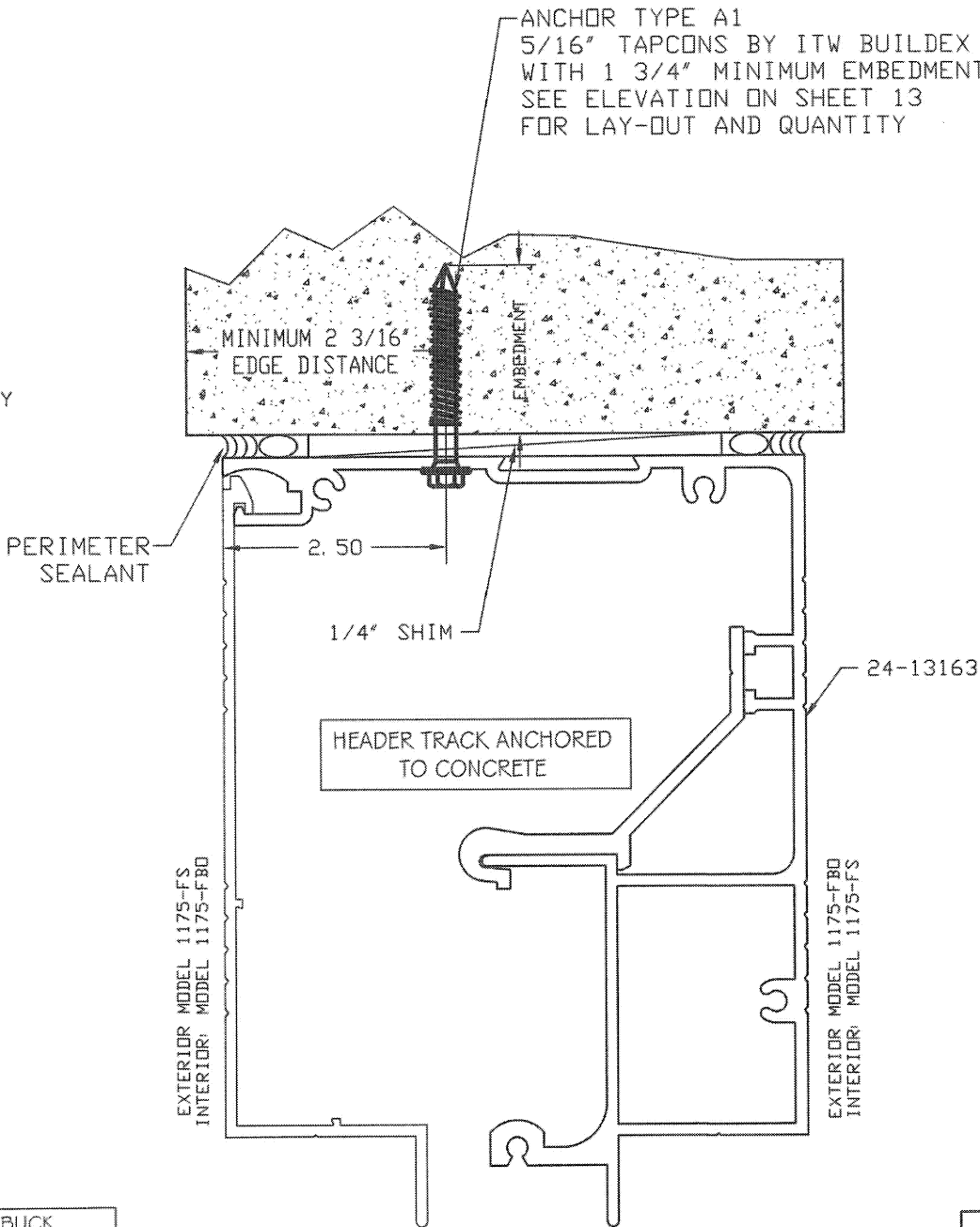
SCALE:  
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DATE:  
10/27/20  
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20-168  
SHEET  
10 OF 21



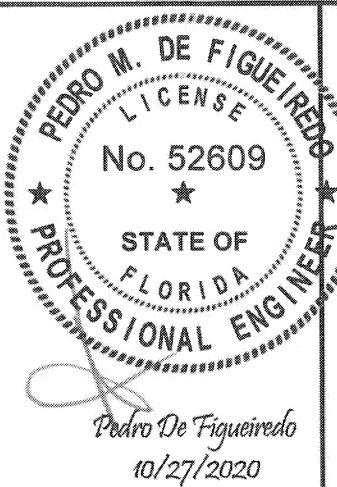
HEADER FRAMING ANCHORAGE DETAILS



1X OR 2X WOOD BUCK  
TO BE PROPERLY ENGINEERED  
AND SEALED BY OTHERS



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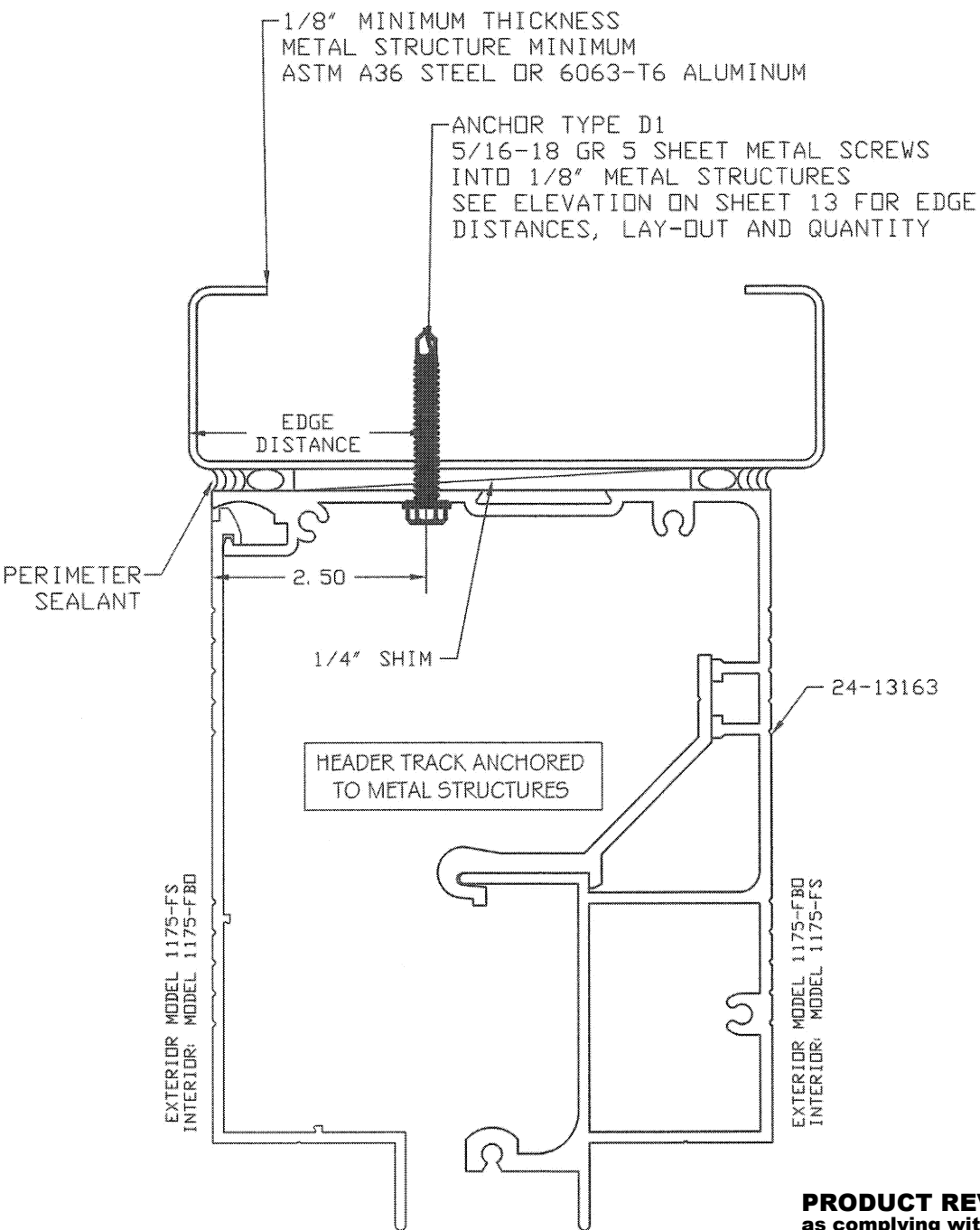
PRODUCT:  
SYSTEM GT1175  
NON IMPACT RATED  
AUTOMATIC SLIDING GLASS DOOR

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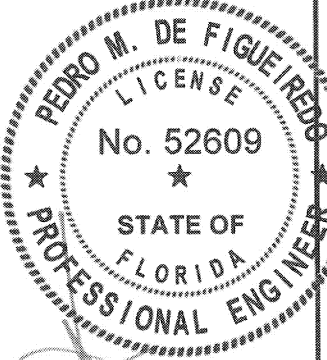
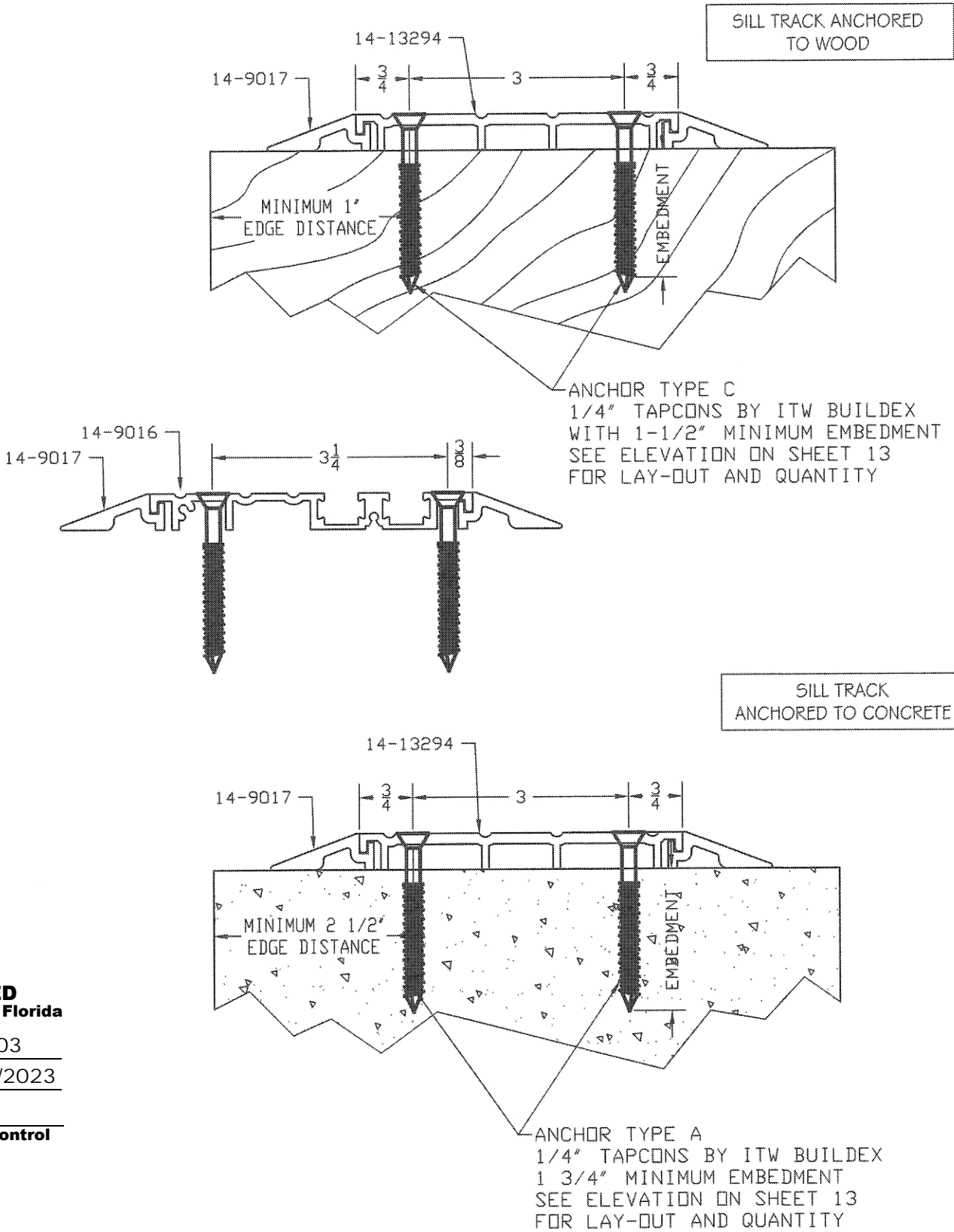
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SCALE:  
NA  
DATE:  
10/27/20  
DRAWING #  
20-168  
SHEET  
11 OF 21

HEADER & SILL FRAMING ANCHORAGE DETAILS



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MIAMI-DADE BCCO:

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20-168  
SHEET  
12 OF 21



ANCHOR TYPE AND # OF PAIR / CLUSTERS			
FH ( IN)	DM ( IN)	TYPE A OR C	
		3 PAIR CLUSTERS	2 PAIR CLUSTERS
92	36	105	70
	39	97	65
	42	90	60
	45	84	56
	48	79	53
	54	70	47
96	36	101	67
	39	93	62
	42	87	58
	45	81	54
	48	76	51
	52	70	47
100	36	97	65
	39	90	60
	42	83	55
	45	78	52
	48	73	48
	49	70	47
104	36	93	62
	39	86	57
	42	80	53
	45	75	50
	48	70	47

MODEL GT1175 FS: USE  
(1) ANCHOR TYPE A1, C1 OR D1  
FOR ALL LOAD CONDITIONS

HEADER TRACK - INTERLOCK AND MEETING STILES  
CLUSTER OF ANCHORS TYPE A1, C1, OR D1  
SPACED AT 4" OC SEE TABLE 4 FOR CAPACITY

TYPICAL BETWEEN CLUSTER  
ANCHORS A1, C1 OR D1  
SPACED AT MAX. 20' OC

MODEL GT1175 FBO  
END CLUSTERS: USE 1/2 OF  
THE ANCHORS REQUIRED FOR  
THE INTERMEDIATE STILES

ANCHORS TYPE A, B, C OR D  
AS PER SHEET 10 SPACED AT  
40" OC FOR MODEL GT1175-FBO  
16" OC FOR MODEL GT1175-FS

DM

MAX. 20' OC

MAX. 20' OC

MAX. 20' OC

MAX. 20' OC

MAX. 20' OC

MAX. 40" OC

MAX. 40" OC

36 1/4

SILL TRACK - TYPICAL PAIR OF ANCHOR  
A OR C CLUSTERED IN 2 OR 3 PAIRS  
SPACED AT 4" OC - SEE TABLE 3 FOR CAPACITY

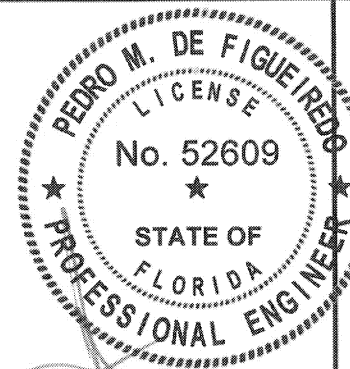
MODEL GT1175-FBO CLUSTER OF  
2 PAIR OF ANCHORS TYPE A  
OR C SPACED AT 4" OC

ANCHORS TYPE A, B, C OR D  
AS PER SHEET 10 SPACED AT  
40" OC FOR MODEL GT1175-FBO  
16" OC FOR MODEL GT1175-FS

PRO  
as c  
Build  
NOA  
Exp  
By  
Mian

		ANCHOR TYPE AND # OF SINGLE ROW/CLUSTERS													
FH IN	DM IN	A1				C1				D1				TYPE CLUSTERS	
		10	8	6	4	10	8	6	4	10	8	6	4		
92	36	105	105	79	53	105	96	72	48	105	90	68	45		3
	39	97	97	73	49	97	89	67	44	97	83	63	42		
	42	90	90	68	45	90	82	62	41	90	77	58	39		
	45	84	84	63	42	84	77	58	38	84	72	54	36		
	48	79	79	59	40	79	72	54	36	79	68	51	34		
96	54	70	70	53	35	70	64	48	32	70	60	45	30		
	36	101	101	76	51	101	92	69	46	101	87	65	43		
	39	93	93	70	47	93	85	64	42	93	80	60	40		
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	42	83	83	63	42	83	76	57	38	83	71	53	36		
104	45	78	78	58	39	78	71	53	35	78	67	50	33		
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	36	93	93	70	47	93	85	64	42	93	80	60	40		
	39	86	86	65	43	86	78	59	39	86	74	55	37		
104	42	80	80	60	40	80	73	55	36	80	69	51	34		
	45	75	75	56	37	75	68	51	34	75	64	48	32		
	48	70	70	53	35	70	64	48	32	70	60	45	30		

ANCHOR TYPES:		MINIMUM EDGE DISTANCE
A- 1/4" TAPCON BY ITW WITH 1 3/4" MIN. EMBEDMENT INTO 3000 PSI CONCRETE		2 1/2"
A1- 5/16" TAPCON BY ITW WITH 1 3/4" MIN. EMBEDMENT INTO 3000 PSI CONCRETE		2 3/16"
B- 1/4" TAPCON BY ITW WITH 1 1/4" MIN. EMBEDMENT INTO HOLLOW BLOCK		2 1/2"
C- 1/4" TAPCON BY ITW WITH 1 1/2" MIN. EMBEDMENT INTO PT WOOD (SG=0.55)		1"
C1- 5/16" TAPCON (Fy=115 Ksi) BY ITW WITH 1 1/2" MIN. EMBEDMENT INTO PT WOOD (SG=0.55)		1 1/4"
D- 1/4-14 GR 5 SHEET METAL SCREWS INTO 1/8" METAL STRUCTURES		1/2"
D1- 5/16-18 GR 5 SHEET METAL SCREWS INTO 1/8" METAL STRUCTURES		1"
NOTES:		
1- MINIMUM EMBEDMENT ARE BEYOND WALL DRESSING	2- TAPCONS WITH FLAT, HEX AND/OR PAN HEADS CAN BE USED	
3- METAL STRUCTURES ARE ASTM A36 STEEL OR 6063-T6 ALUMINUM	4- ANCHOR TYPE D MUST HAVE A MINIMUM 3 THREADS EMBEDMENT	
5 - HEADER & JAMB ANCHORS ARE INSTALLED INTO A SINGLE ROW	6- SILL ANCHORS ARE DISTRIBUTED INTO TWO IN LINE ROWS	



Pedro De Figueiredo  
10/27/2020

ENGINEERING SERVICES - CA 32459  
9715 W. BROWARD BLVD.  
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PPMF@AOL.COM  
ENGINEER SEAL  
PEDRO DE FIGUEIREDO  
PE 52609



By Ishag I. Chank  
Miami-Dade Product Control

PRODUCT:  
SYSTEM GT1175  
NON IMPACT RATED  
AUTOMATIC SLIDING GLASS DOOR



**NABCO ENTRANCES**  
**SS82 W18717 GEMINI DRIVE**  
**MUSKEGO, WISCONSIN 531**  
**PHONE: (877) 622-2694 FAX:**

MANUFACTURER:

MIAMI-DADE BCCO:

SCALE:  
NA

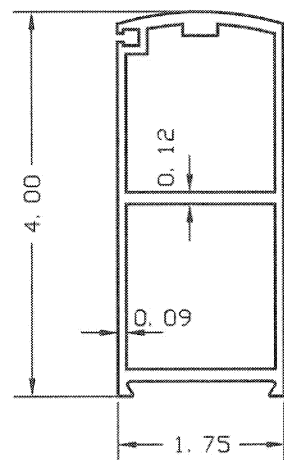
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DRAWING #  
20-168

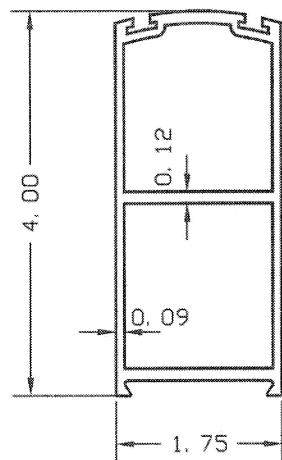
SHEET  
3 OF 21



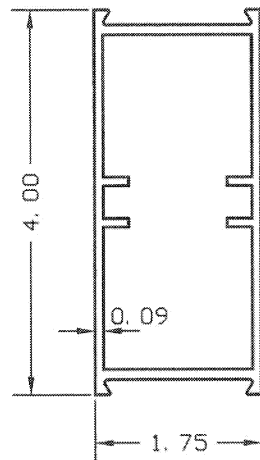
DOOR COMPONENTS



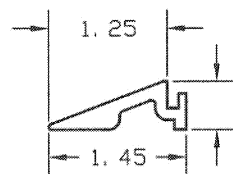
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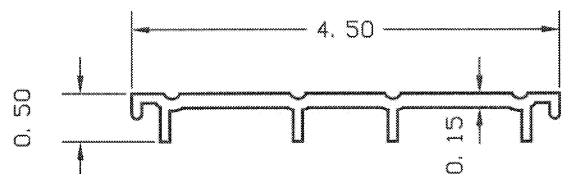
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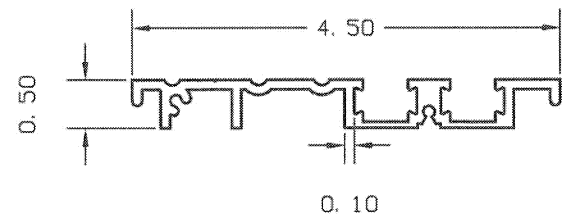
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14-9017  
THRESHOLD RAMP  
ALLOY: 6063-T5



14-13294 - THRESHOLD  
GT1175 - FS & FBO THRESHOLD  
ALLOY: 6063-T5

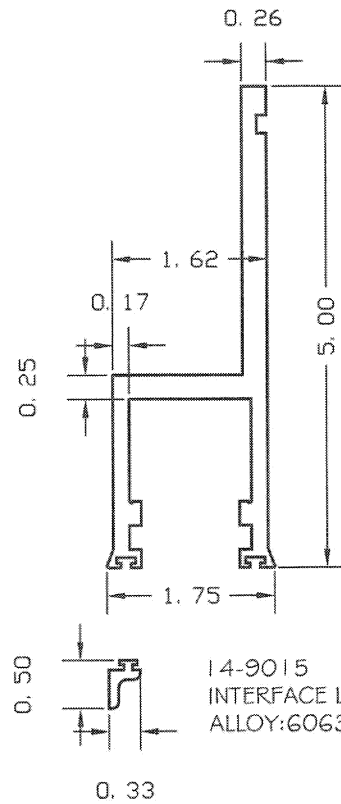


14-9016 - THRESHOLD  
GT1175 - FBO  
ALLOY: 6063-T5

THRESHOLD 14-13294 INSTALLED FROM JAMB TO JAMB  
ON GT1175-FS (O 5X-5X O AND O 5X) APPLICATIONS

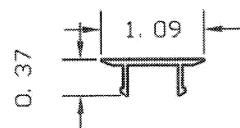
THRESHOLD 14-13294 INSTALLED ONLY IN THE DOOR OPENING (5X)  
ON GT1175-FBO (SO 5X-5X SO AND SO 5X) APPLICATIONS

THRESHOLD 14-9016 INSTALLED ONLY UNDER THE DOOR FIXED PANELS (SO)  
ON GT1175-FBO (SO 5X-5X SO AND SO 5X) APPLICATIONS

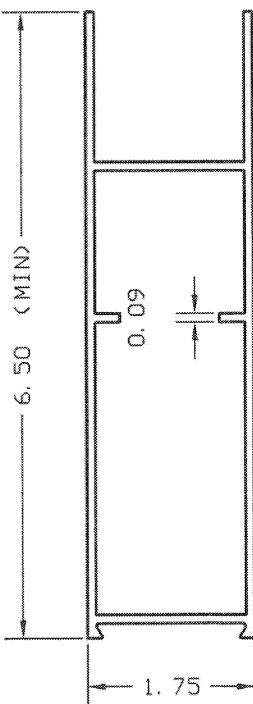


14-9014  
DOOR CARRIER  
ALLOY: 6063-T5

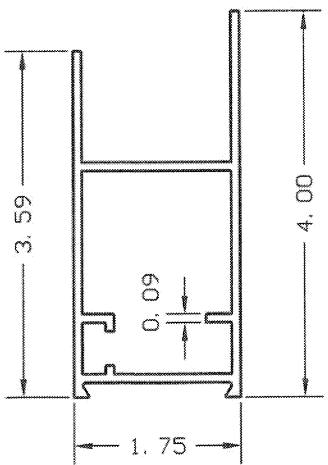
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INTERFACE LEG  
ALLOY: 6063-T5



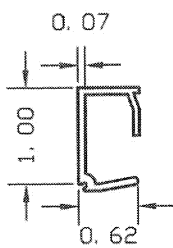
14-9875  
POCKET FILLER  
ALLOY: 6063-T5



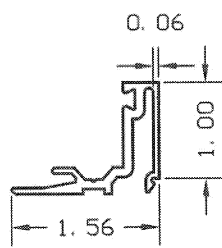
14-9088  
SIDELITE TOP & BOTTOM RAIL  
DOOR BOTTOM RAIL  
ALLOY: 6063-T5



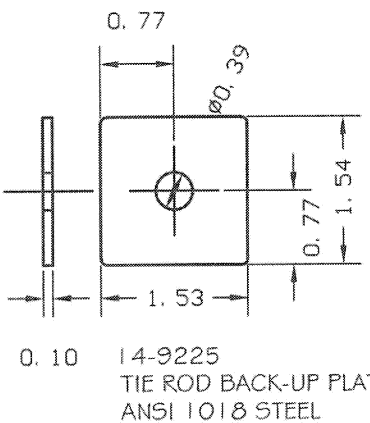
14-9359  
DOOR TOP RAIL  
ALLOY: 6063-T5



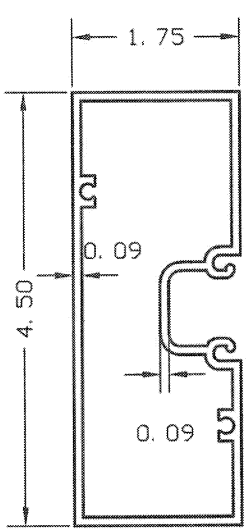
24-13293  
GLASS STOP  
ALLOY: 6063-T5



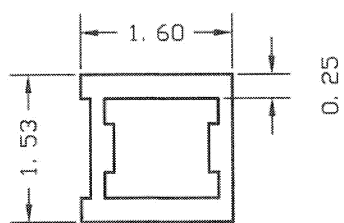
24-13291  
GLASS STOP BASE  
ALLOY 6063-T5



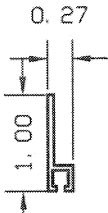
14-9225  
TIE ROD BACK-UP PLATE  
ANSI 1018 STEEL



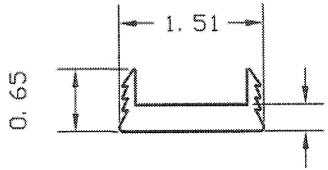
24-9870 - JAMB  
ALLOY 6063-T5



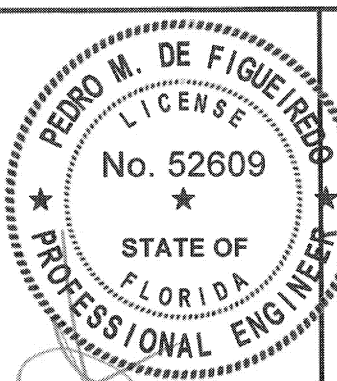
14-13950  
ALUMINUM STIFFENER  
ALLOY 6063-T5



14-5636  
BRUSH HOLDER  
ALLOY 6063-T5



24-2967  
RAIL CLIP  
ALLOY 6063-T5



Pedro De Figueiredo  
10/27/2020



PRODUCT:  
SYSTEM GT1175  
NON IMPACT RATED  
AUTOMATIC SLIDING GLASS DOOR



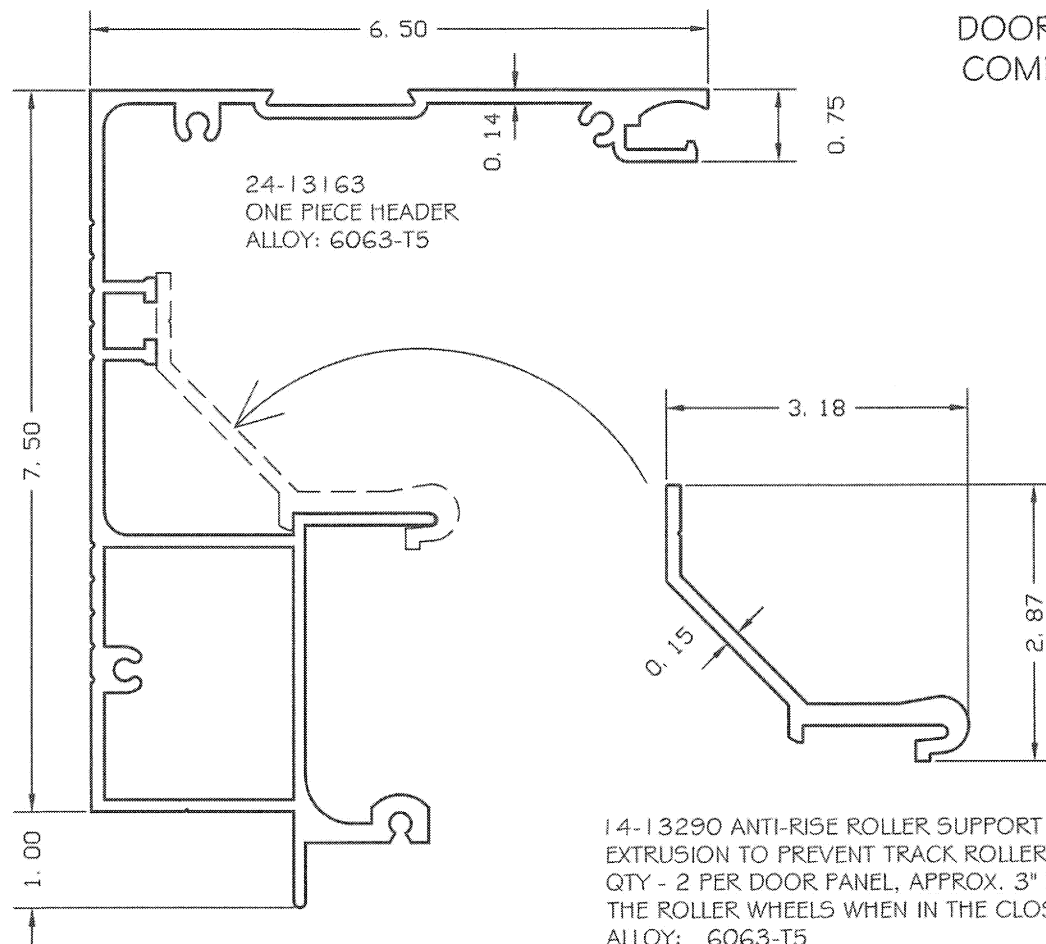
MANUFACTURER:  
NABCO ENTRANCES  
S82 W18717 GEMINI DRIVE  
MUSKEGO, WISCONSIN 53150  
PHONE: (877) 622-2694 FAX: (262) 679-2505

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1106.03  
Expiration Date 12/26/2023  
By Ishaq I. Chande  
Miami-Dade Product Control

MIAMI-DADE BCCO:

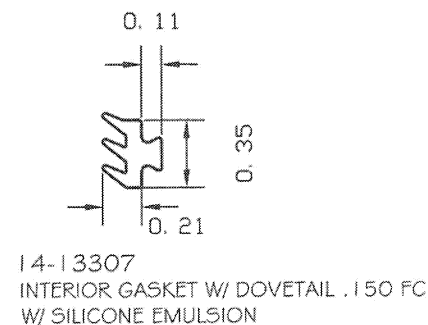
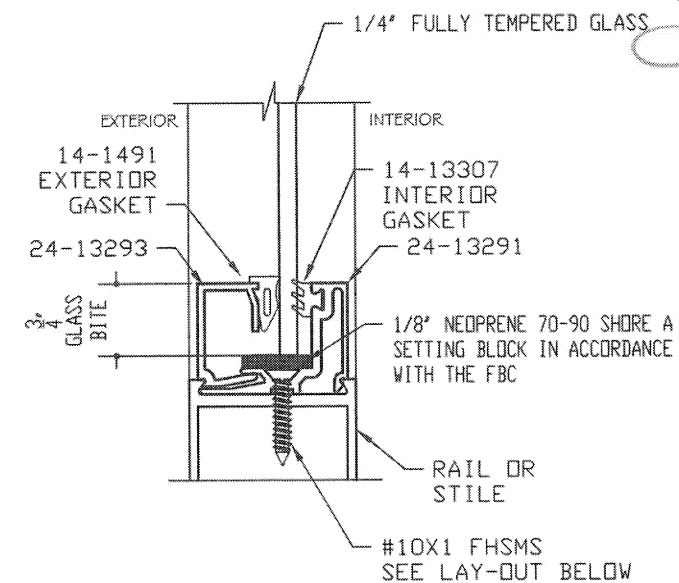
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10/27/20  
DRAWING #  
20-168  
SHEET  
14 OF 21



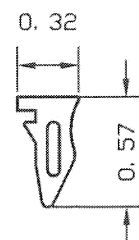


**PRODUCT REVISED**  
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NOA-No. 20-1106.03  
Expiration Date 12/26/2023  
By Iskay I. Chank  
Miami-Dade Product Control

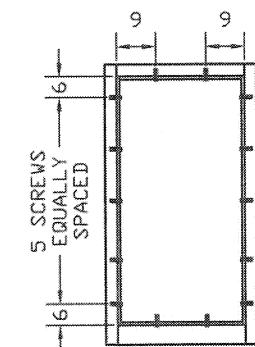
TYPICAL GLAZING DETAIL  
ENTIRE PERIMETER ALL LITES  
NON IMPACT



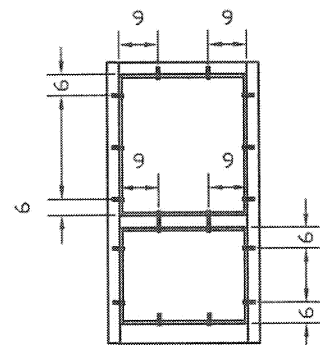
EPDM GLAZING  
MANUFACTURER: TRELLEBORG  
HARDNESS: 70 SHORE A  
TENSILE STRENGTH: 1410 PSI  
TEAR STRENGTH: 126 lbf/in  
ELONGATION (BREAK) 266%



THERMOPLASTIC ELASTOMER GLAZING (W514)  
MANUFACTURER: REED RUBBER PRODUCTS  
HARDNESS: 66 SHORE A  
TENSILE STRENGTH: 798 PSI  
TEAR STRENGTH: 166 lbf/in  
ELONGATION (BREAK): 320%  
SPECIFIC GRAVITY: .97



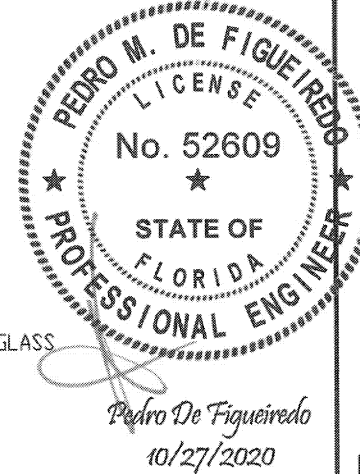
#10X1 FHSMS LAY-OUT



PANEL  
W/O MUNTIN

PANEL  
WITH MUNTIN

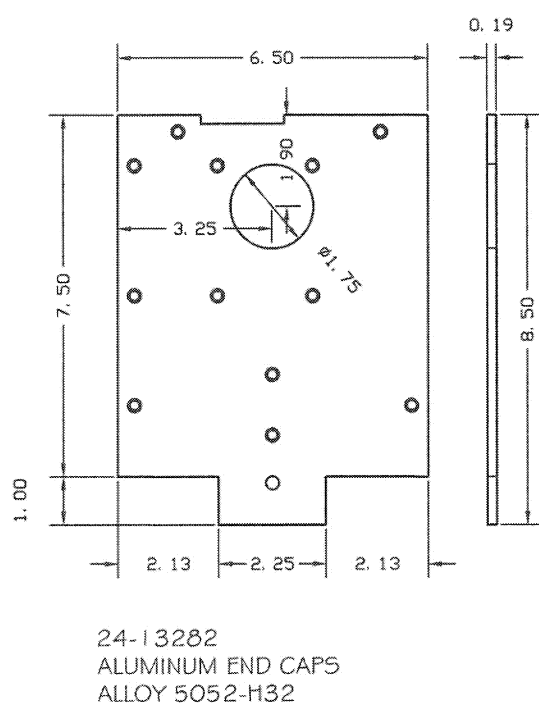
MIAMI-DADE BCCO:



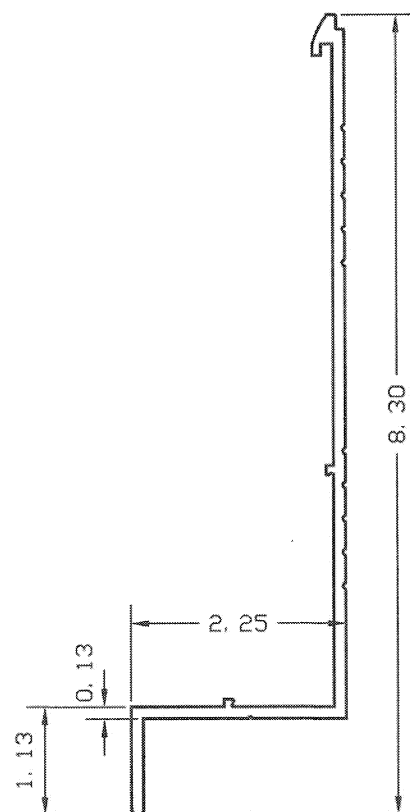
PRODUCT:  
SYSTEM GT1175  
NON IMPACT RATED  
AUTOMATIC SLIDING GLASS DOOR

MANUFACTURER:  
NABCO ENTRANCES  
S82 W18717 GEMINI DRIVE  
MUSKEGO, WISCONSIN 53150  
PHONE: (877) 622-2694 FAX: (262) 679-2505

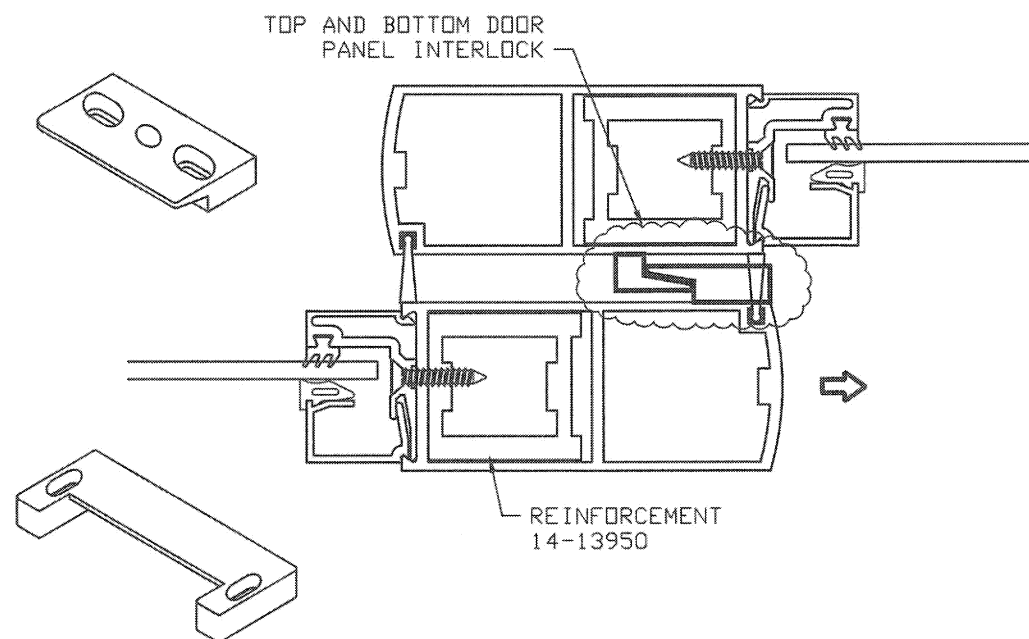
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DATE:  
10/27/20  
DRAWING #  
20-168  
SHEET  
15 OF 21



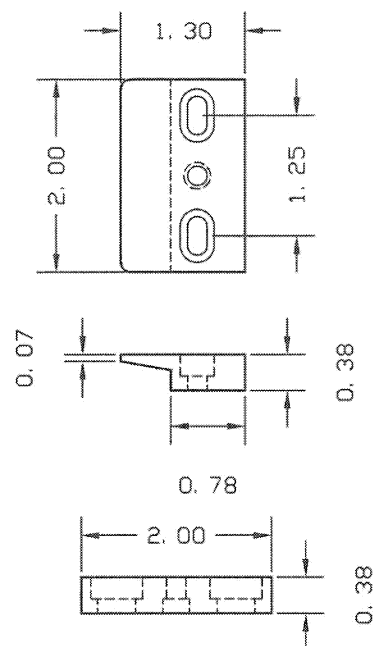
24-9011  
HEADER COVER  
ALLOY: AA-6063-T5



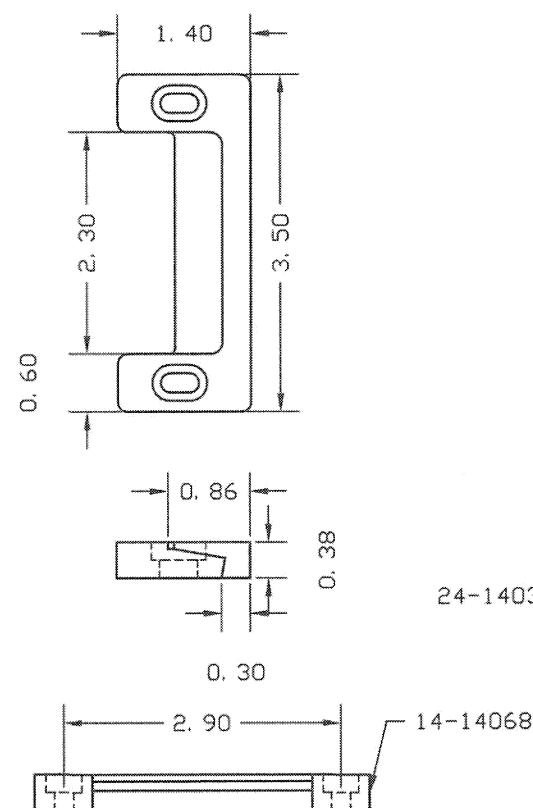
# DOOR PANEL INTERLOCK APPLICABLE FOR 1175- FBO ONLY



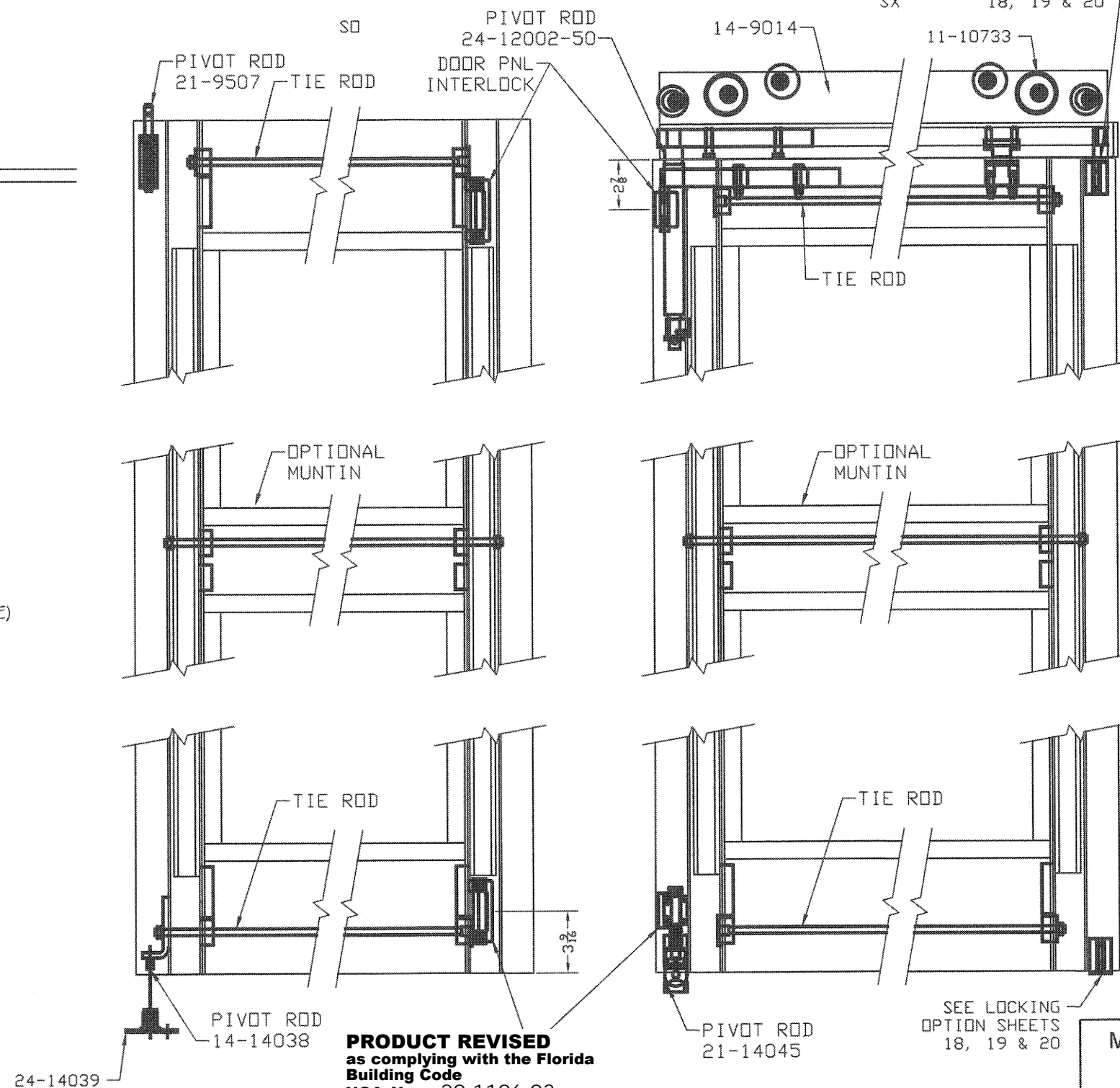
DOOR PANEL INTERLOCK (MALE)  
14-14044



DOOR PANEL INTERLOCK (FEMALE)  
24-14043



## FBO PANEL CORNER CONSTRUCTION DETAILS

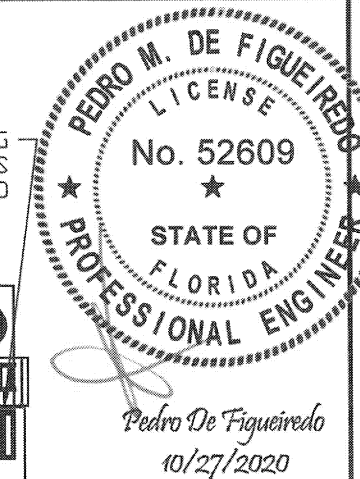


**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1106.03

Expiration Date 12/26/2023

By Ishag I. Chande  
Miami-Dade Product Control

MIAMI-DADE BCCO:



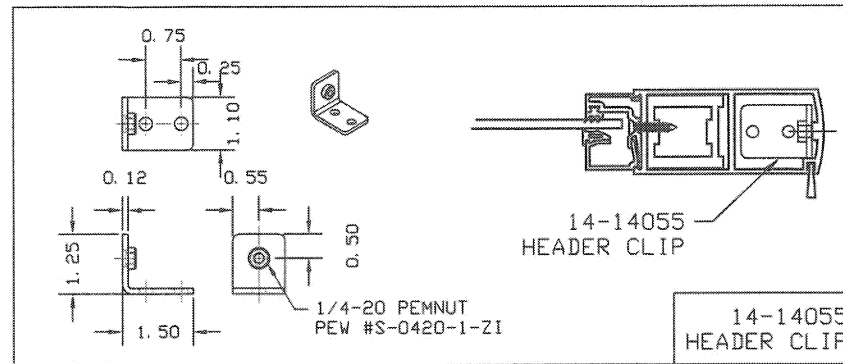
PRODUCT:  
SYSTEM GT1175  
NON IMPACT RATED  
AUTOMATIC SLIDING GLASS DOOR



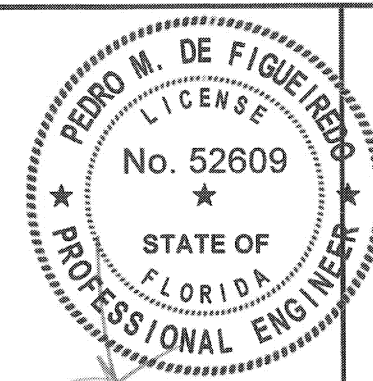
MANUFACTURER:  
NABCO ENTRANCES  
S82 W18717 GEMINI DRIVE  
MUSKEGO, WISCONSIN 53150  
PHONE: (877) 622-2694 FAX: (262) 679-2505

SCALE:  
NA  
DATE:  
10/27/20  
DRAWING #  
20-168  
SHEET  
16 OF 21



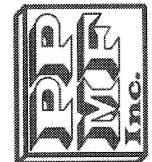


# FS PANEL CORNER CONTRUCTION DETAILS



Pedro De Figueiredo  
10/27/2020

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PPMF@AOL.COM  
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PEDRO DE FIGUEIREDO  
PE 52609



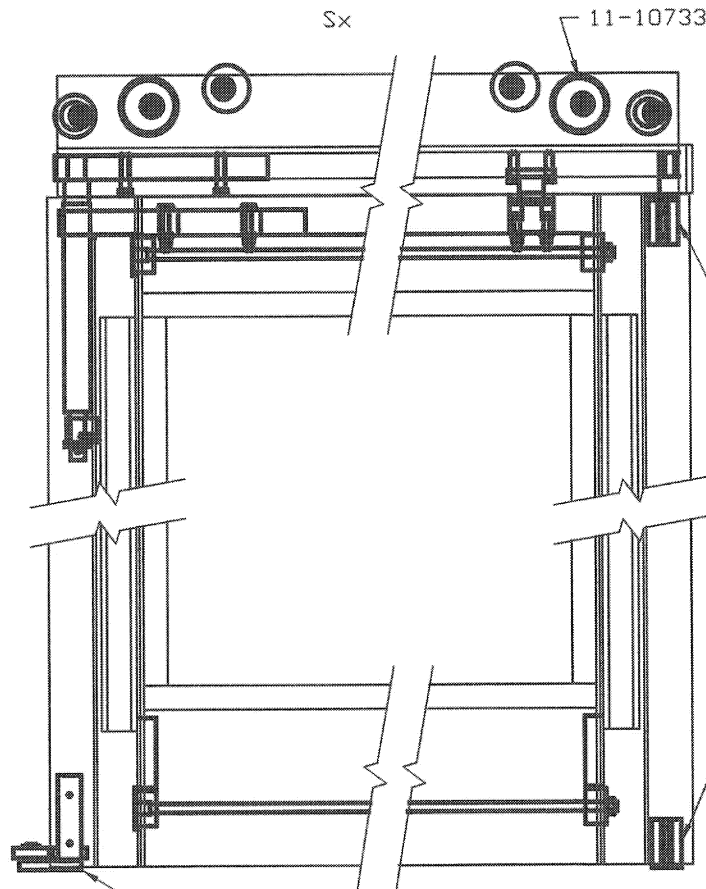
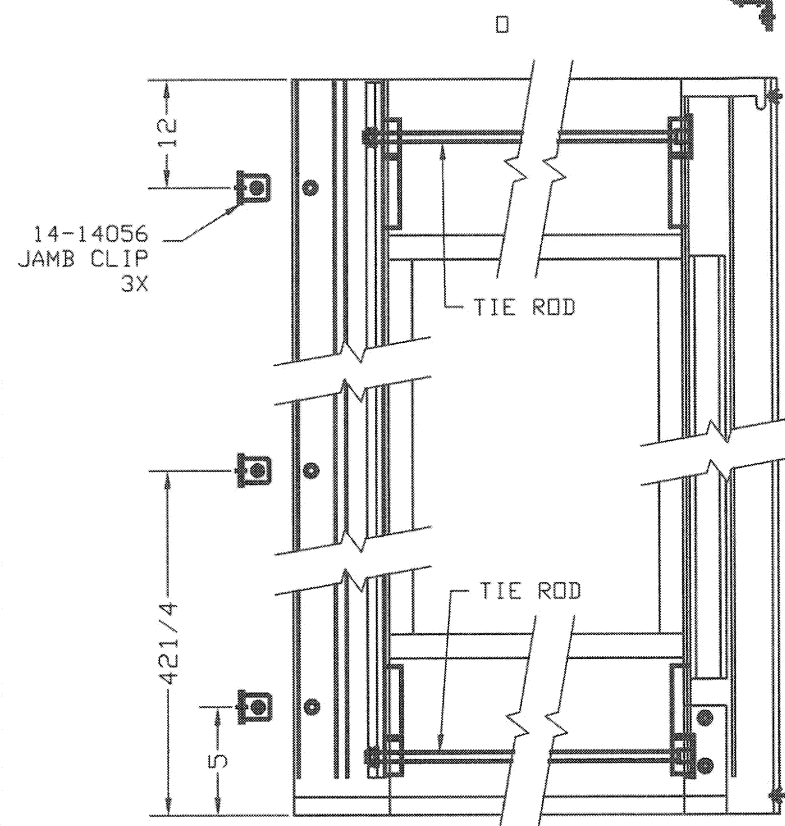
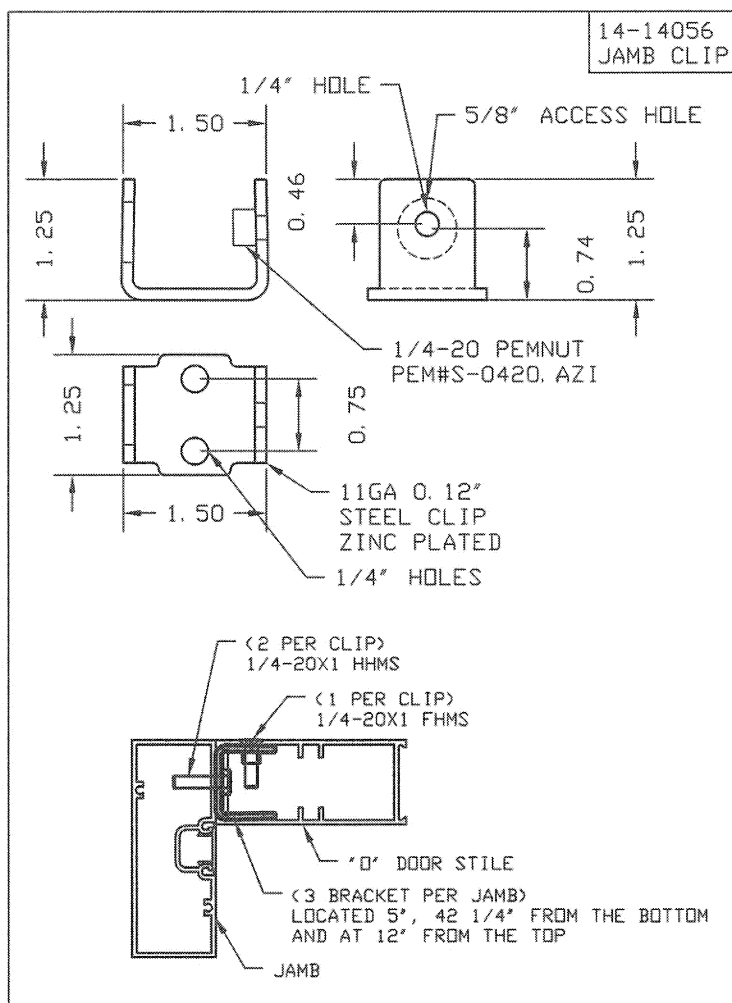
PRODUCT:  
SYSTEM GT1175  
NON IMPACT RATED  
AUTOMATIC SLIDING GLASS DOOR

MANUFACTURER:  
NABCO ENTRANCES  
S82 W18717 GEMINI DRIVE  
MUSKEGO, WISCONSIN 53150  
PHONE: (877) 622-2694 FAX: (262) 679-2505

MIAMI-DADE BCCO:

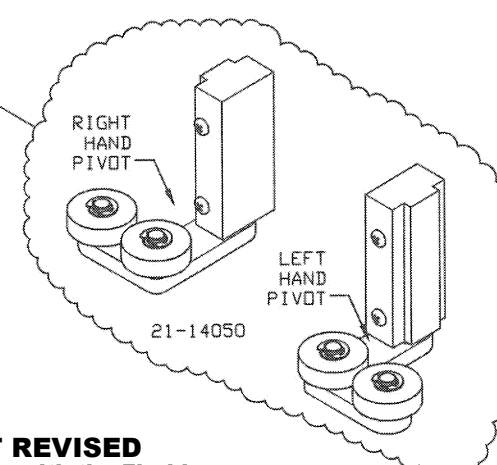
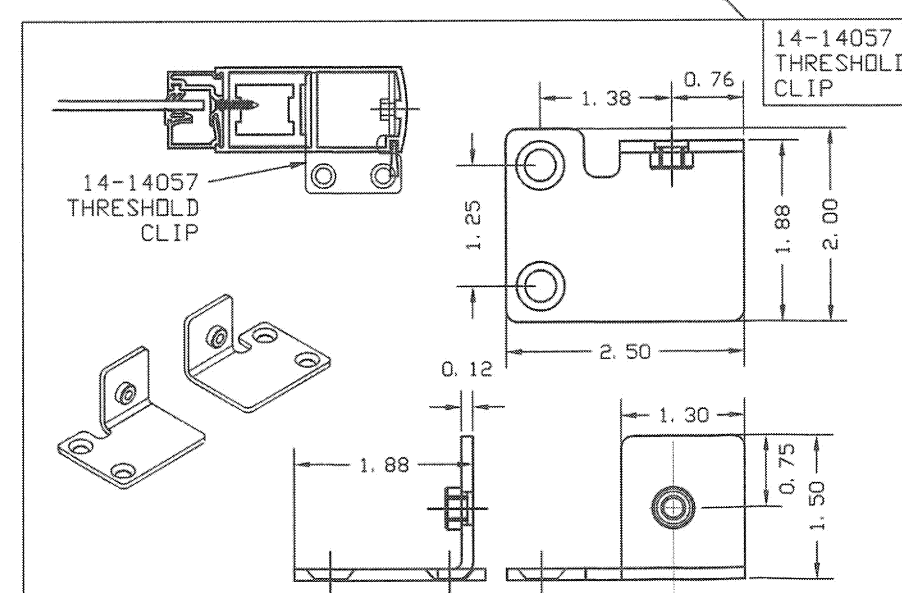
SCALE:  
NA  
DATE:  
10/27/20  
DRAWING #  
20-168  
SHEET  
16.1 OF 21

FIXED PANEL ATTACHMENT TO JAMB  
APPLICABLE FOR 1175- FS ONLY



SEE LOCKING  
OPTION SHEETS  
18 & 19

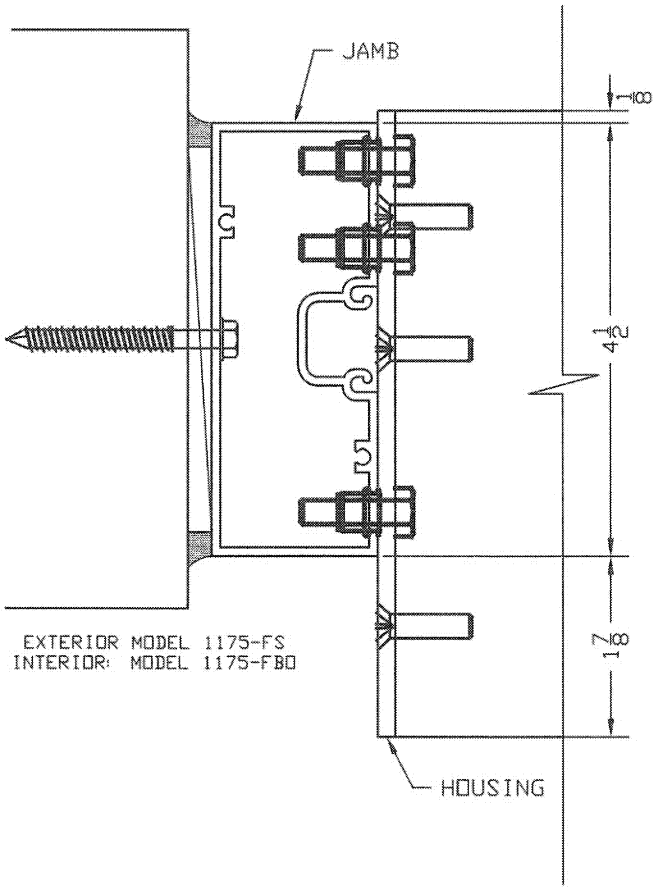
SEE LOCKING  
OPTION SHEETS  
18 & 19



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NOA-No. 20-1106.03  
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By Ishag I. Chank  
Miami-Dade Product Control

HOUSING HEADER AND JAMB CONNECTION

SEE SHEET 10 & 13 FOR JAMB  
ANCHORING DETAILS



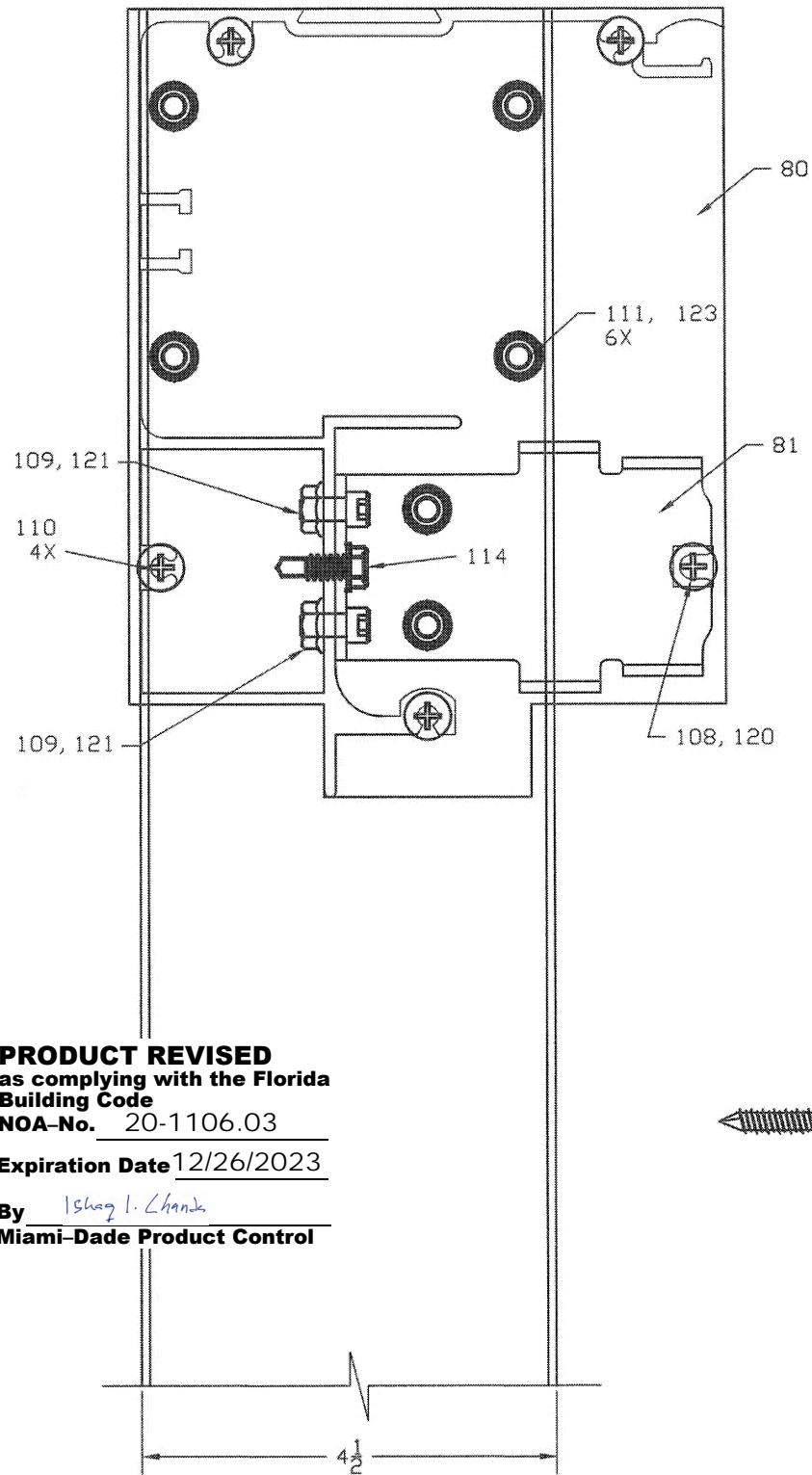
EXTERIOR MODEL 1175-FS  
INTERIOR: MODEL 1175-FBD

HOUSING

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1106.03

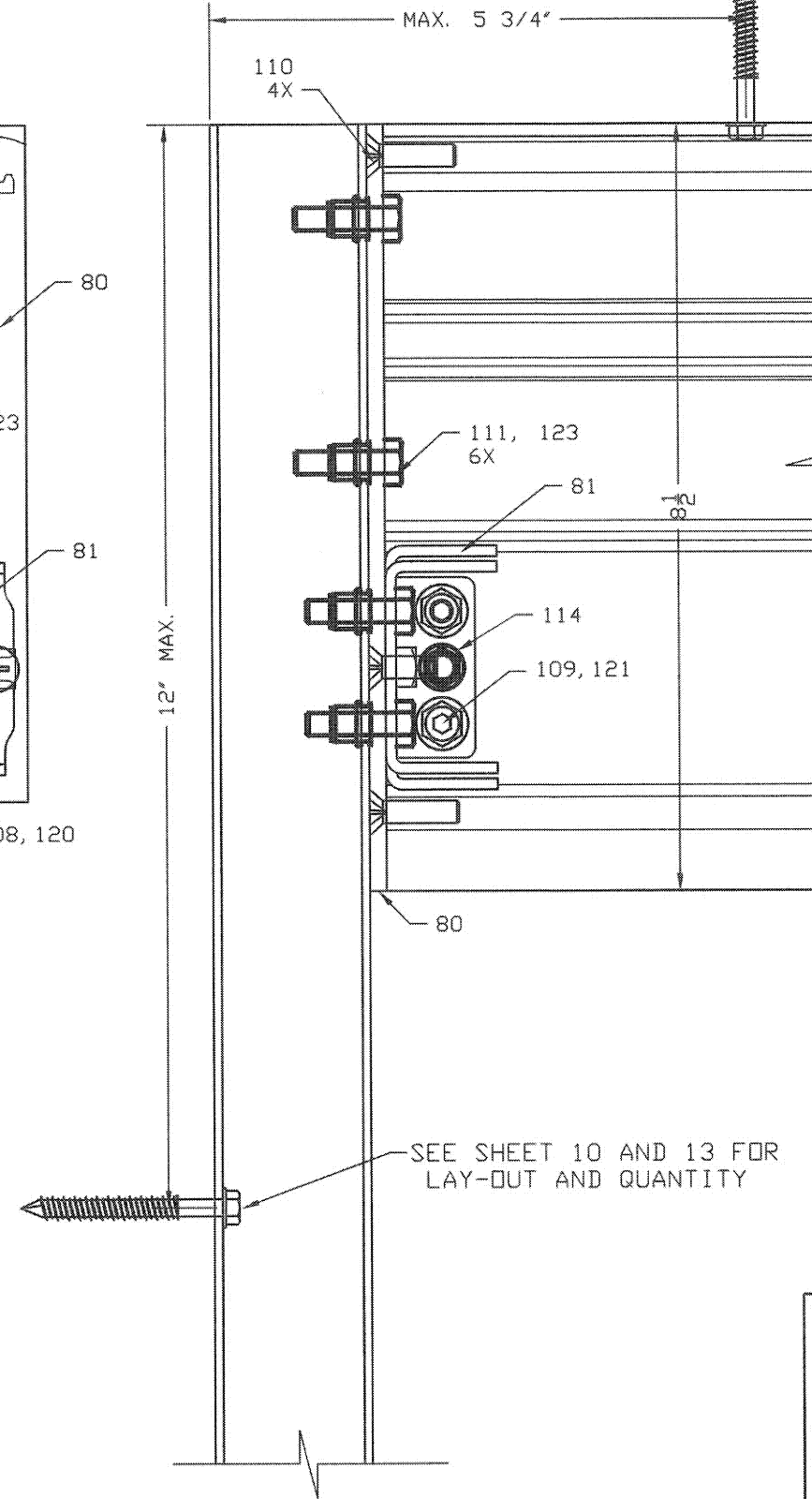
Expiration Date 12/26/2023

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Miami-Dade Product Control

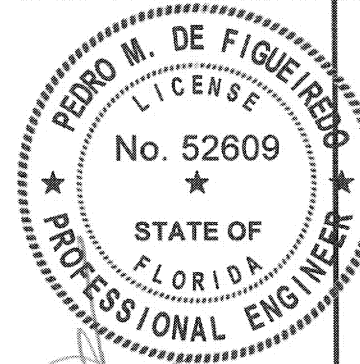


SEE SHEET 11, 12, 13 FOR  
LAY-OUT AND QUANTITY

MAX. 5 3/4"



SEE SHEET 10 AND 13 FOR  
LAY-OUT AND QUANTITY



Pedro De Figueiredo  
10/27/2020



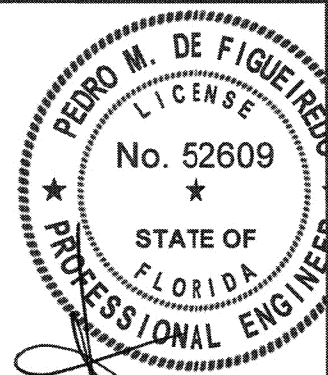
PRODUCT:  
SYSTEM GT1175  
NON IMPACT RATED  
AUTOMATIC SLIDING GLASS DOOR

MANUFACTURER:  
**NABCO**  
NABCO ENTRANCES  
S82 W18717 GEMINI DRIVE  
MUSKEGO, WISCONSIN 53150  
PHONE: (877) 622-2694 FAX: (262) 679-2505

MIAMI-DADE BCCO:

SCALE:  
NA  
DATE:  
10/27/20  
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20-168  
SHEET  
17 OF 21





Pedro De Figueiredo  
10/27/2020



PRODUCT:  
SYSTEM GT1175  
NON IMPACT RATED  
AUTOMATIC SLIDING GLASS DOOR



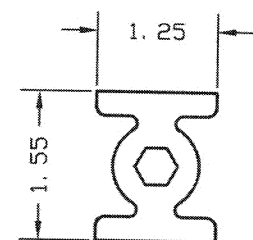
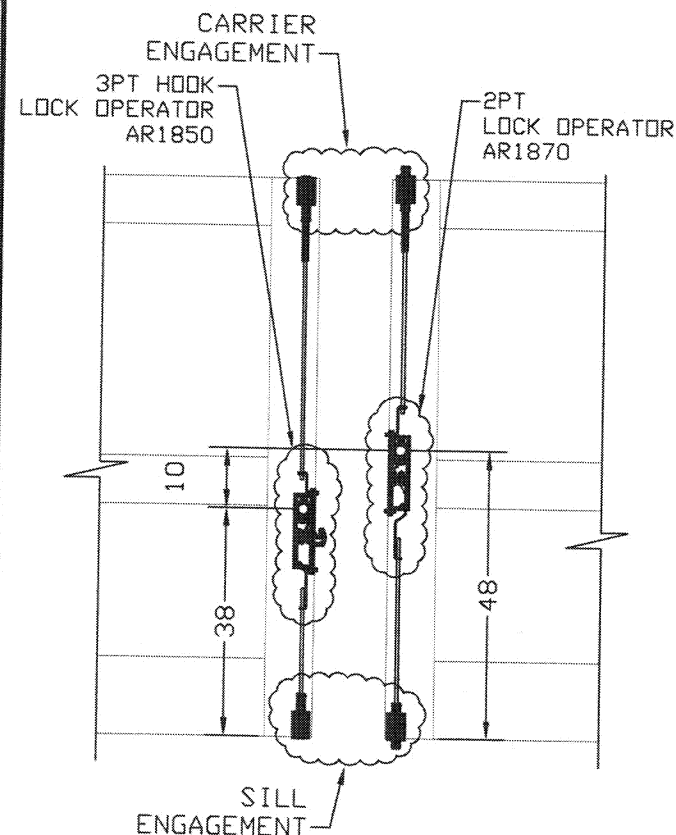
MANUFACTURER:  
NABCO ENTRANCES  
S82 W1817 GEMINI DRIVE  
MUSKEGO, WISCONSIN 53150  
PHONE: (877) 622-2694 FAX: (262) 679-2505

SCALE:  
NA  
DATE:  
10/27/20  
DRAWING #  
20-168  
SHEET  
18 OF 21

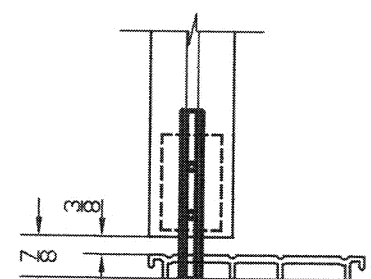
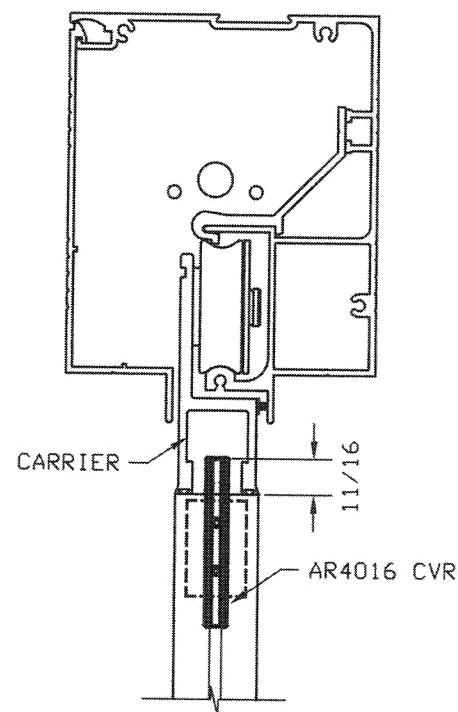
## HARDWARE LOCK OPTION I

3 PT AR MS1850 HOOK LOCK AND  
2 PT AR MS1870 LOCK  
WITH TOP AND BOTTOM AR 4015/4016 RODS (CVR)  
INTERIOR THUMBTURN OR AR 4550 HANDLE  
2 EXTERNAL KEY CYLINDERS  
2 INDICATORS (BELOW THUMBTURN)

### TYPICAL LOCK PANEL ELEVATION

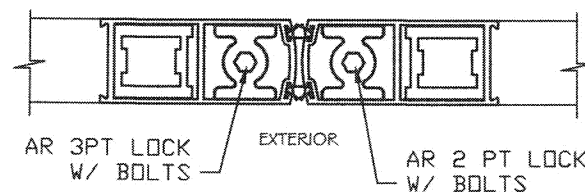
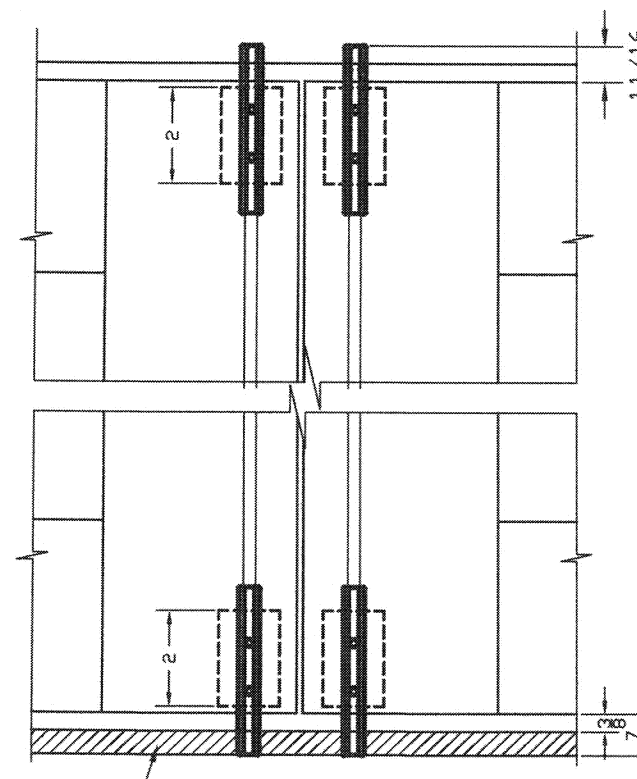
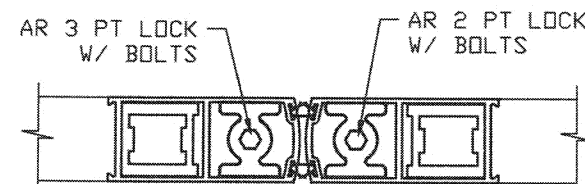


14-13855  
LOCKROD GUIDE  
ALLOY: 6063-T5

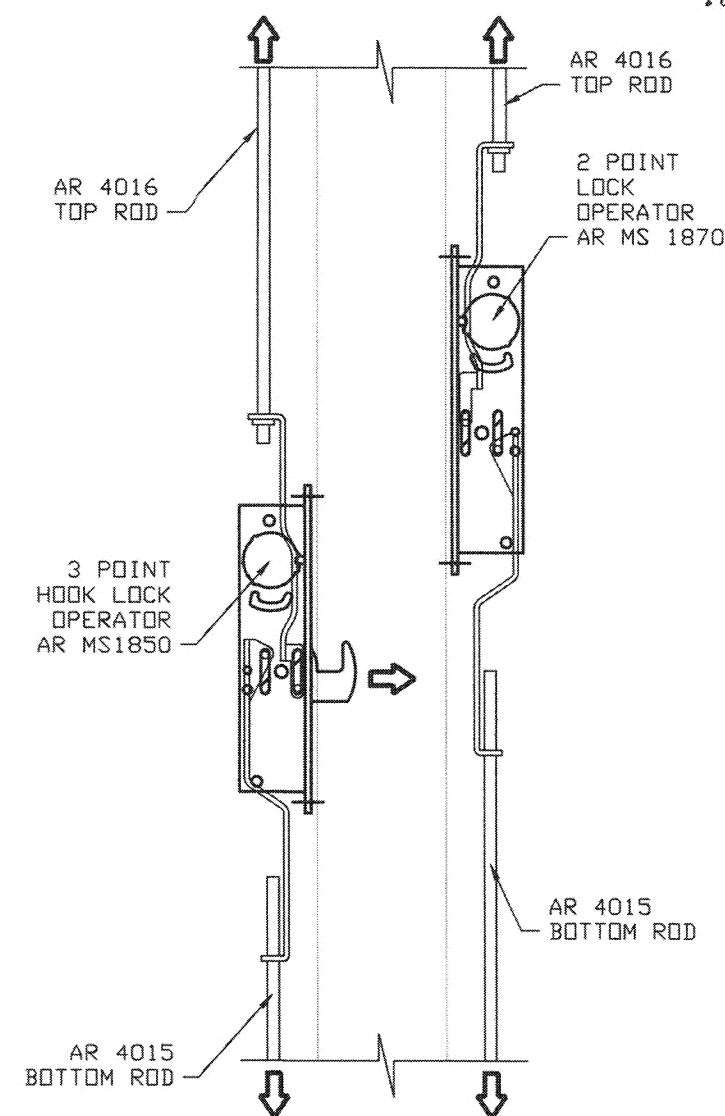


AR 4015 CVR  
SILL ENGAGEMENT

### AR 4016 CVR CARRIER ENGAGEMENT



### LOCK OPERATOR

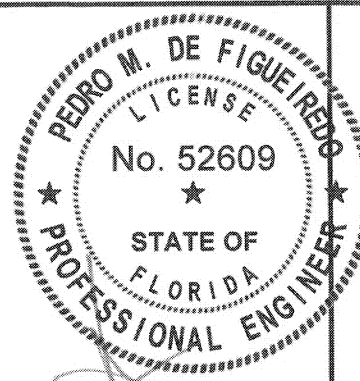


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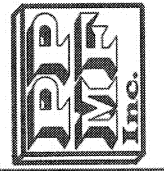
By Ishag I. Chank  
Miami-Dade Product Control

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AUTOMATIC SLIDING GLASS DOOR

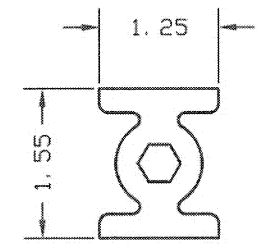
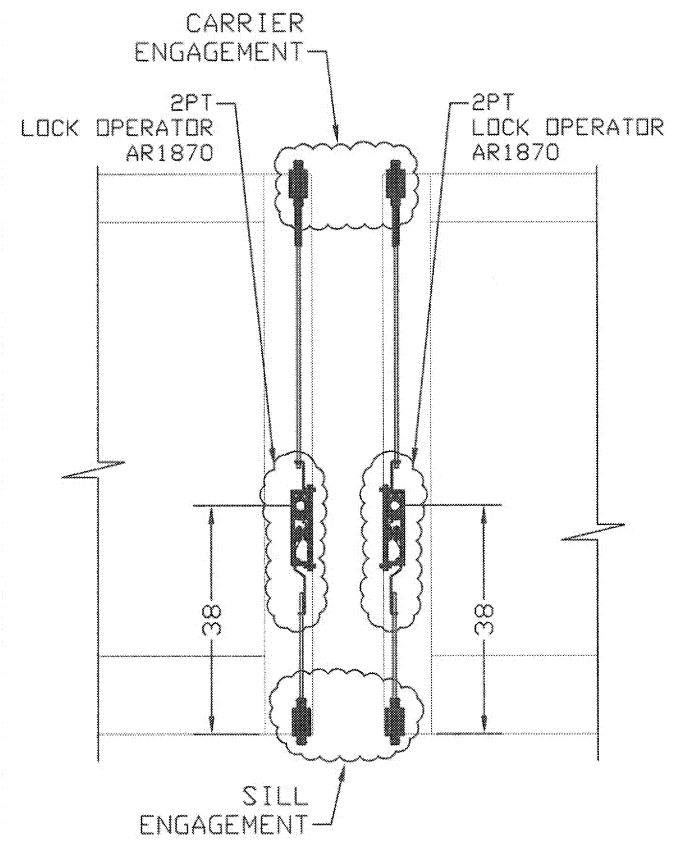
MANUFACTURER:  
**NABCO**  
NABCO ENTRANCES  
S82 W18717 GEMINI DRIVE  
MUSKEGO, WISCONSIN 53150  
PHONE: (877) 622-2694 FAX: (262) 679-2505

SCALE:  
NA  
DATE:  
10/27/20  
DRAWING #  
20-168  
SHEET  
19 OF 21

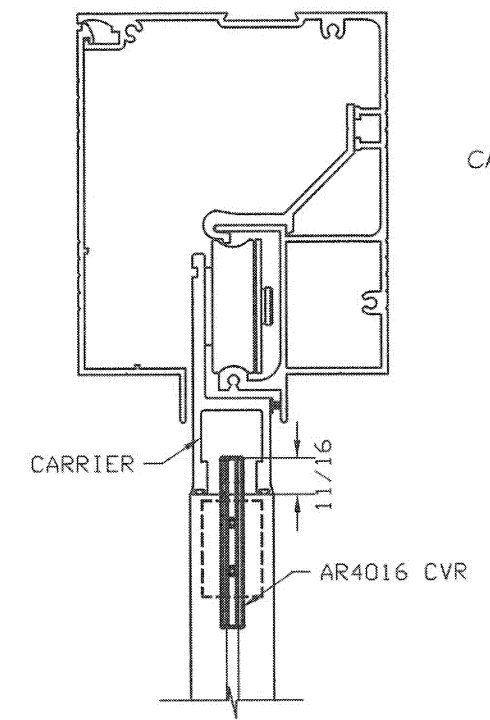
## HARDWARE LOCK OPTION 2

(2X) 2 PT AR MS 1870 LOCK  
WITH TOP AND BOTTOM AR 4015/ 4016 RODS (CVR)  
INTERIOR THUMBTURN OR AR 4550 HANDLE  
2 EXTERNAL KEY CYLINDERS  
2 INDICATORS (BELOW THUMBTURN)

### TYPICAL LOCK PANEL ELEVATION

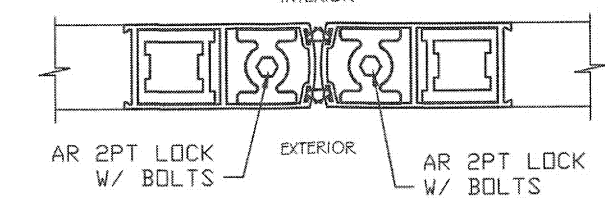
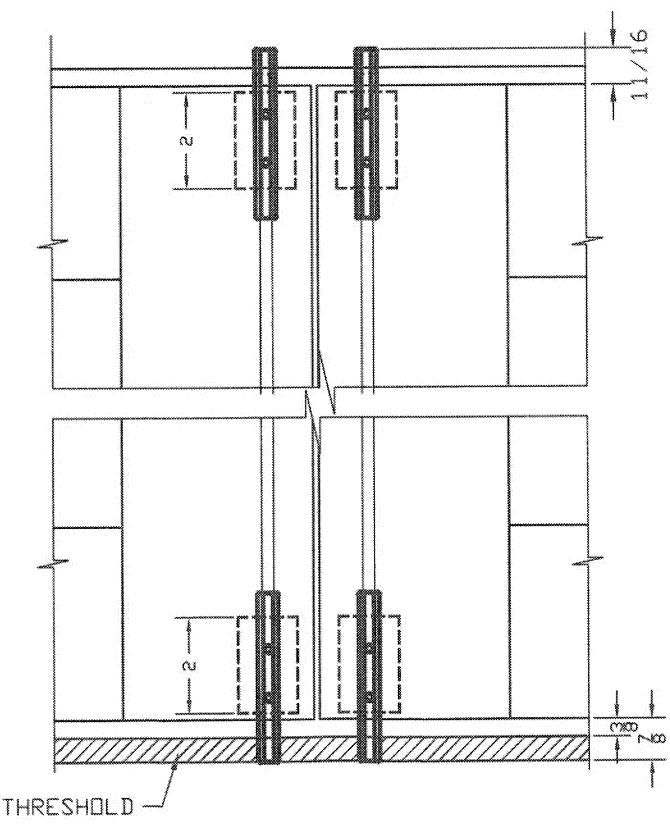
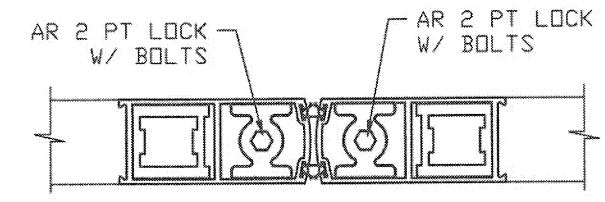


14-13855  
LOCKROD GUIDE  
ALLOY: 6063-T5

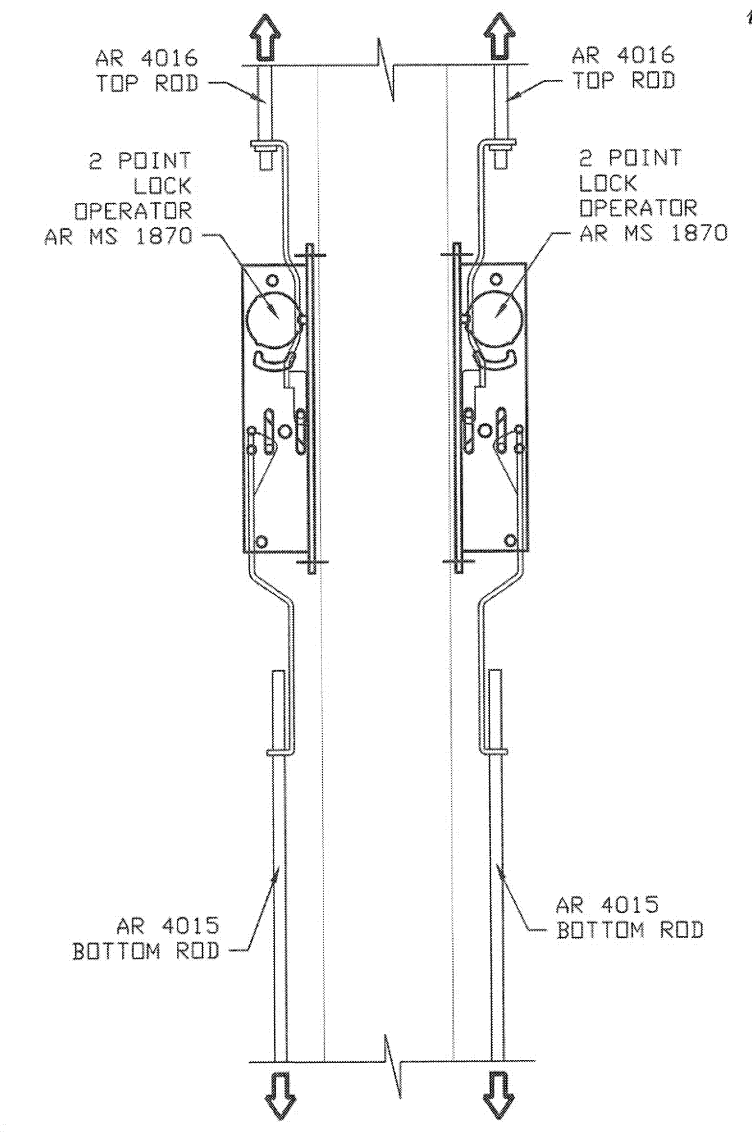


AR 4015 CVR  
SILL ENGAGEMENT

AR 4016 CVR  
CARRIER ENGAGEMENT



### LOCK OPERATOR



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1106.03

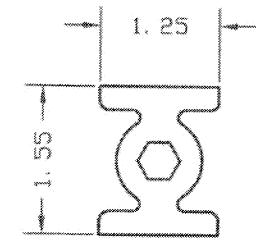
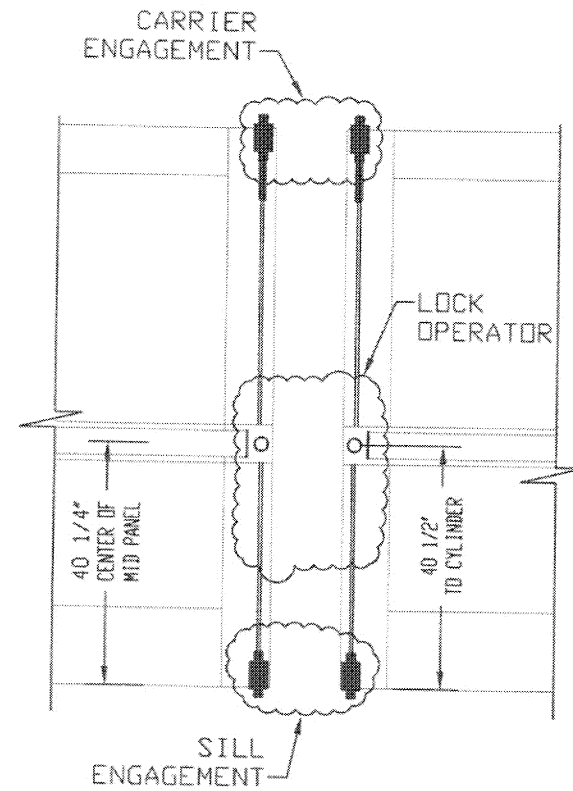
Expiration Date 12/26/2023

By Ishag I. Chank  
Miami-Dade Product Control

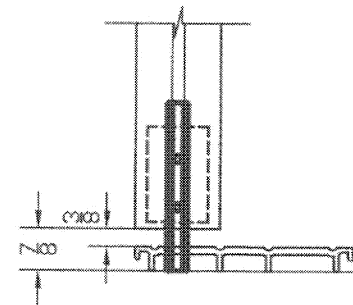
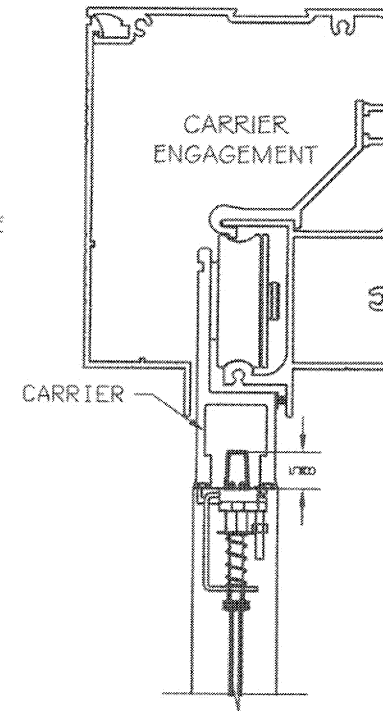
MIAMI-DADE BCCO:



# TYPICAL LOCK PANEL ELEVATION

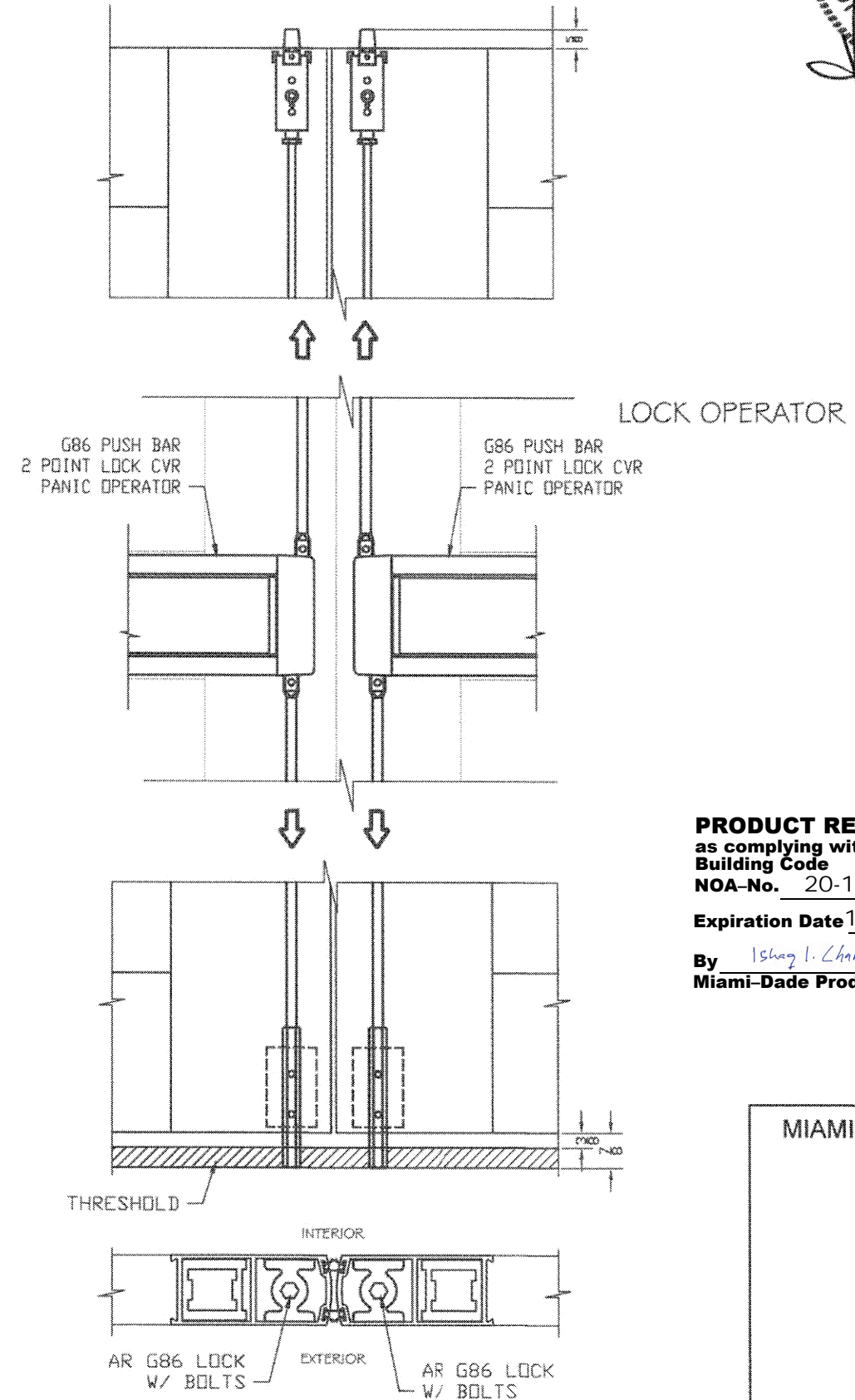
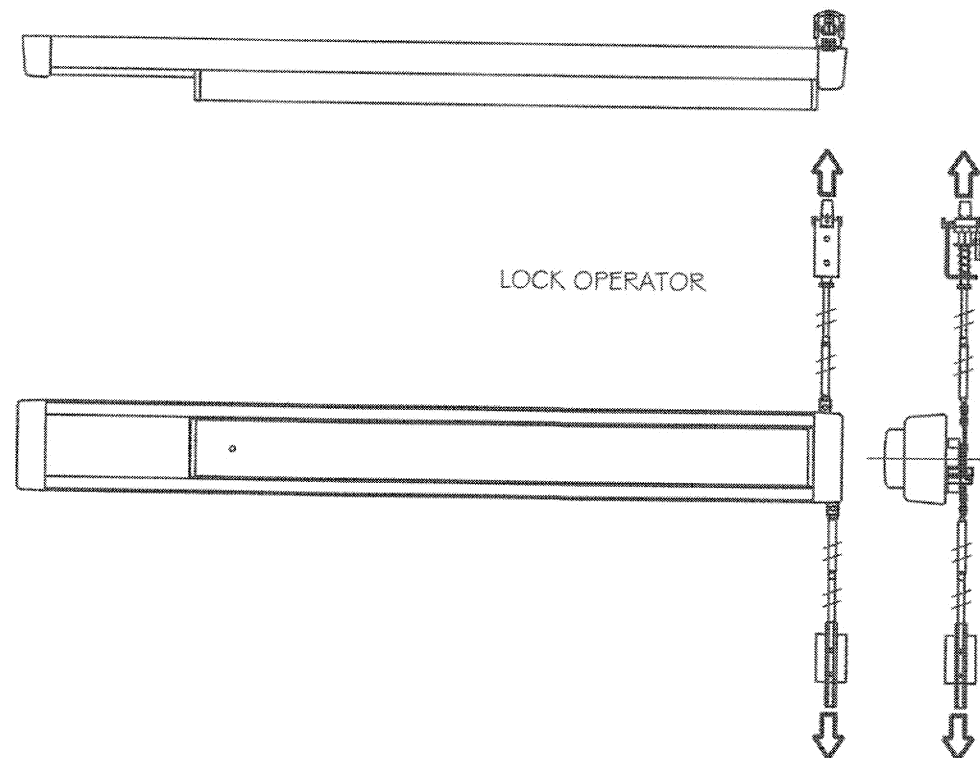


14-13855  
LOWER LOCKROD GUIDE  
ALLOY: 6063-T5



## HARDWARE LOCK OPTION 3

(2X) 2 POINTS G86 PANIC DEVICES  
2 EXTERNAL KEY CYLINDERS (OPTIONAL)  
APPLICABLE ONLY FOR FULL OPEN PANELS (FBO MODEL)  
WITH MID HORIZONTAL RAIL



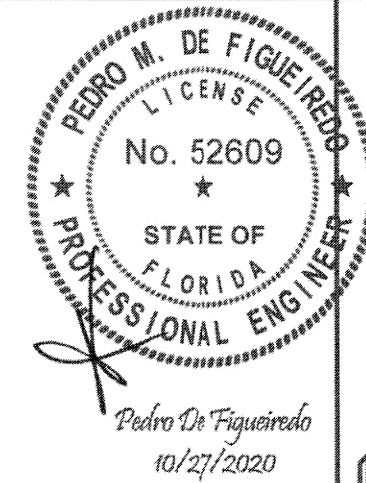
**PRODUCT REVISED**  
as complying with the Florida  
Building Code

NOA-No. 20-1106.03

Expiration Date 12/26/2023

By Ismael I. Chanda  
Miami-Dade Product Control

MIAMI-DADE BCCO:



ENGINEERING SERVICES - CA 32459  
9715 W. BROWARD BLVD.  
PLANTATION, FL 33324  
PPMF@AOL.COM  
ENGINEER SEAL  
PEDRO DE FIGUEIREDO  
PE 52609

PRODUCT:  
SYSTEM GT1175  
NON IMPACT RATED  
AUTOMATIC SLIDING GLASS DOOR



MANUFACTURER:  
NABCO ENTRANCES  
S82 W18717 GEMINI DRIVE  
MUSKEGO, WISCONSIN 53150  
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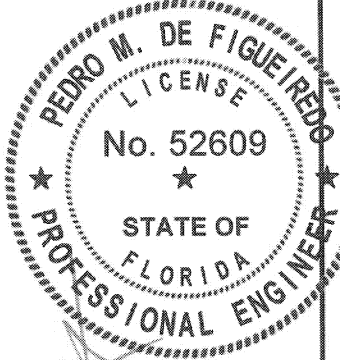


BILL OF MATERIAL (BOM)

ITEM	PART #	DESCRIPTION
1	24-13163	EXTRUSION, HEADER, 1 PIECE
2	24-9011	EXTRUSION, COVER, HEADER
3	14-13290	EXTRUSION, SUPPORT, ANTI-RISE
4	24-9870	EXTRUSION, JAMB, POCKETED, 1.75 X 4.50
5	14-9875	EXTRUSION, FILLER, POCKETED JAMB
6	14-13294	EXTRUSION, THRESHOLD, FIXED SIDELITE
7	14-9016	EXTRUSION, THRESHOLD, FULL OPEN
8	14-9017	EXTRUSION, THRESHOLD, RAMP
9	14-13288	EXTRUSION, STILE, 4", SINGLE WEATHERING
10	14-13289	EXTRUSION, STILE, 4", DOUBLE WEATHERING
11	14-13950	EXTRUSION, STIFFENER, STILE
12	14-9359	EXTRUSION, RAIL, 4", TOP
13	24-0328	EXTRUSION, MUNTIN, 4"
14	14-9088	EXTRUSION, RAIL, 6.5"
15	14-5636	EXTRUSION, BRUSH HOLDER
16	24-2967	EXTRUSION, RAIL CLIP
17	14-13855	EXTRUSION, LOCKROD
18	14-9014	EXTRUSION, HANGER
19	14-9015	EXTRUSION, INTERFACE LEG
20	14-13295	EXTRUSION, ENDCAP
21	24-13291	EXTRUSION, GLASS STOP, BASE, HURRICANE
23	24-13293	EXTRUSION, GLASS STOP, TOP, NON-IMPACT GLASS, HURRICANE
30	14-2279-04	PILE, FELT, .25" TALL, .187 WIDE
31	14-2279-05	PILE, FELT, .25" TALL, .270 WIDE W/ ADHESIVE
32	14-8326-05	PILE, FELT, .37" TALL, .270 WIDE
33	14-2279-09	PILE, FELT, .45" TALL, .270 WIDE
34	14-4899-60	BRUSH, NYLON, .73" TALL
35	14-4899-100	BRUSH, NYLON, 1.00" TALL
36	14-3933-02	GASKET, VINYL, 1.00" TALL
37	14-8161	TAPE, FOAM, .25 X .50
38	14-14191	GASKET, WEDGE, .187 FACE CLEARANCE
39	14-13307	GASKET, GLAZING, .150 FACE CLEARANCE
45	14-9279	T-NUT, TIE ROD
46	14-9225	PLATE, BACKING, TIE ROD
47	14-3624	TIE ROD, 3/8"-16
48	14-0984	CLIP, RAIL, TIE ROD
49	14-14192	CLIP, RAIL, 2.9" LONG
50	24-12002-50	ASM, CARRIER BAR, MEDIUM STILE HURRICANE
51	21-14040	ASM, RETAINER, CARRIER, ECCENTRIC
52	11-10733	ASM, ROLLER, HANGER, 1175
53	21-14035	ASM, ANTI-RISE, HURRICANE
54	24-9483	BLOCK, PANIC CATCH, CARRIER
55	24-9485	BLOCK, PANIC CATCH, TOP RAIL
56	21-14030	ASM, ENDCAP, CARRIER
57	14-14060	BLOCK, GUIDE, LOCKROD
58	14-14062	LOCKROD, 1/4"-20
59	14-14064	LOCKROD, #12-24
60	21-9507	ASM, TOP PIVOT, SWING PANEL
61	14-14038	PIVOT, BOTTOM, SWING PANEL
62	24-14039	PIVOT, FLOOR, SWING PANEL

ITEM	PART #	DESCRIPTION
63	24-2458	BUSHING, BOTTOM PIVOT, SWING PANEL
64	24-14043	INTERLOCK, FEMALE
65	14-14068	BAR, NUT, FEMALE INTERLOCK
66	14-14044	INTERLOCK, MALE
67	14-14033	BAR, NUT, MALE INTERLOCK
68	21-14045	ASM, BOTTOM GUIDE, FULL OPEN
70	14-14055	BRACKET, HEADER, FIXED SIDELITE
71	14-14056	BRACKET, JAMB TUBE, FIXED SIDELITE
72	14-14057	BRACKET, THRESHOLD, FIXED SIDELITE
73	14-14053	PLATE, COVER, FIXED SIDELITE
74	14-14054	PLATE, NUT
75	21-14050	ASM, DOUBLE WHEEL ROLLER, HURRICANE
80	24-13282	ENDCAP, ONE PIECE HEADER
81	24-9022	BRACKET, HEADER, 1175
90	24-0564	LOCK, 3PT, ADAMS RITE MS1850S
91	14-2046	LOCK, 2 PT, ADAMS RITE 1870
92	24-14072	LOCK, PANIC, ADAMS RITE #G86-11-36
93	22-0090	CYLINDER, THUMBTURN
94	22-4495	CYLINDER, KEY
95	12-1400	INDICATOR, EXIT, ADAMS RITE #4089
96	14-14073	KIT, ESCUTCHEON, ADAMS RITE #8651-X-XXX
97	22-10256	ADAMS RITE 4016 TOP ROD CVR
98	22-4412	ADAMS RITE 4015 BOTTOM ROD CVR
100	24-0011-72	SCREW, #10-24 X .38 LONG, FHMS, UNDERCUT
101	24-0011-53	SCREW, #10-32 X .50 LONG, FHMS
102	24-0011-131	SCREW, #10-32 X .50 LONG, FHMS, UNDERCUT
103	24-0012-14	SCREW, #10-32 X .50 LONG, PHMS
104	24-0010-62	SCREW, #10-32 X .63 LONG, SHCS
105	24-0031-24	SCREW, #10 X 1.00 LONG, FHMS
106	24-0011-70	SCREW, 1/4"-20 X .44 LONG, FHMS, UNDERCUT
107	24-0011-144	SCREW, 1/4"-20 X .63 LONG, FHCS
108	24-0011-13	SCREW, 1/4"-20 X .75 LONG, FHMS
109	24-0010-09	SCREW, 1/4"-20 X .75 LONG, SHCS
110	24-4941-02	SCREW, 1/4"-20 X 1.00 LONG, FHMS, TRI-LOBE
111	24-0014-01	SCREW, 1/4"-20 X 1.00 LONG, HHCS
112	24-0010-16	SCREW, 1/4"-20 X 1.25 LONG, SHCS
113	24-0014-12	SCREW, 1/4"-20 X 1.75 LONG, HHCS
114	24-0014-30	SCREW, 1/4" X .75 LONG, TEKS
116	24-0014-27	SCREW, 3/8"-16 X .75 LONG, HHCS
117	24-0010-43	SCREW, 3/8"-16 X 1.50 LONG, SHCS, LOW HEAD
118	24-0016-20	SETSCREW, 5/16"-18 X .75 LONG
119	24-0016-30	SETSCREW, 5/16"-18 X 1.25 LONG
120	24-0021-27	NUT, 1/4"-20, SQUARE
121	24-0021-35	NUT, 1/4"-20, WHIZLOCK
122	24-0021-21	NUT, 3/8"-16, WHIZLOCK
123	14-8640-01	RIVNUT, 1/4"-20
124	24-0017-46	WASHER, FLAT, 1/4"

ITEMS #22, 24-29, 40-44, 69, 76-79, 82-89, 99 AND 115 ARE NOT USED IN THE BOM



Pedro De Figueiredo  
10/27/2020



PRODUCT:  
SYSTEM GT 1175  
NON IMPACT RATED  
AUTOMATIC SLIDING GLASS DOOR



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Expiration Date 12/26/2023

By Ishag I. Chande  
Miami-Dade Product Control

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20-168  
SHEET  
21 OF 21