MIAMI-DADE COUNTY
DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

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

SCOPE:

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

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

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

DESCRIPTION: Series "SE-3550" Outswing Aluminum Storefront Entrance Door w/wo Transom – L.M.I.

APPROVAL DOCUMENT: Drawing No. **MD-3550.2-LM**, titled "Storefront Entrance Door Details - LM", sheets 1 through 19 of 19, dated 03/05/16, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

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

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

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

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

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

This NOA **revises NOA# 15-0612.09** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

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

MIAMI-DADE COUNTY APPROVED

5/27/16

PGT Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
   (Submitted under NOA No. 12-1005.02)
2. Drawing No. **MD-3550.2-LM**, titled "Storefront Entrance Door Details - LM", sheets 1 through 19 of 19, dated 03/05/16, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
   2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
   3) Water Resistance Test, per FBC, TAS 202-94
   4) Large Missile Impact Test per FBC, TAS 201-94
   5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   6) Forced Entry Test, per AAMA 1304-02, FBC 2411.3.2.1, and TAS 202-94

   along with marked-up drawings and installation diagram of pairs of French doors, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-8842**, dated 02/25/16, signed and sealed by Idalmis Ortega, P.E.
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
   2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
   3) Water Resistance Test, per FBC, TAS 202-94
   4) Large Missile Impact Test per FBC, TAS 201-94
   5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   6) Forced Entry Test, per AAMA 1304-02, FBC 2411.3.2.1, and TAS 202-94

   along with marked-up drawings and installation diagram of a storefront system with French door and transom, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-7137**, dated 12/10/12, signed and sealed by Marlin D. Brinson, P.E.
   (Submitted under NOA No. 12-1005.02)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-5th Edition (2014)**, dated 06/05/15 and revised on 04/13/16, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
   (Submitted partly under previous NOA No. 12-1005.02)
2. Glazing complies with **ASTM E1300-09**

Manuel Perez

Manuel Perez, P.E.
Product Control Examiner
NOA No. 16-0421.10
Expiration Date: January 17, 2018
Approval Date: June 02, 2016

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **14-0916.10** issued to **Kuraray America, Inc.** for their **"Butacite® PVB Glass Interlayer"** dated 04/25/15, expiring on 12/11/16.
2. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** for their **"SentryGlas® (Clear and White) Glass Interlayers"** dated 06/25/15, expiring on 07/04/18.
3. Quanex Part **Super Spacer® Standard** by Edgetech I.G., Inc. exterior flexible, organic foam spacer complying with ASTM C518 Thermal Conductivity 0.881 BTU-in/ hr.-ft²-°F, ASTM F 1249 WVTR-Pass, ASTM D3985 Oxygen–Pass, ASTM E 2190 I.G. Durability-No Fog-Pass.
4. Quanex Part **Duraseal®** complying with ASTM C518 Thermal Conductivity 2.22 BTU-in/ hr.-ft²-°F, ASTM F 1249 WVTR-Pass, ASTM D 1434 Argon Permeance-Pass, ASTM E 2189 I.G. Durability-No Fog, ASTM E 546 Dew Point Development - 20°F in 48 hrs.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC-5th Edition (2014)**, dated April 13, 2016, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
2. Statement letter of no financial interest, dated April 13, 2016, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
3. Laboratory compliance letter for Test Report No. **FTL-7137**, dated 12/10/12, issued by Fenestration Testing Laboratory, Inc., signed and sealed by Marlin D. Brinson, P.E.
4. Testing proposal issued by the Product Control Section, dated December 9, 2015, signed by Manuel Perez, P.E.

G. OTHERS

1. Notice of Acceptance No. **15-0612.09**, issued to PGT Industries, Inc. for their Series "SE-3550" Outswing Aluminum Storefront Entrance Door w/wo Transom - L.M.I. approved on 07/30/15 and expiring on 01/17/18.

Manuel Perez

Manuel Perez, P.E.
Product Control Examiner
NOA No. 16-0421.10
Expiration Date: January 17, 2018
Approval Date: June 02, 2016

GENERAL NOTES: SE-3550 IMPACT-RESISTANT, OUTSWING STOREFRONT ENTRANCE DOOR

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FBC, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
2. SHUTTERS ARE NOT REQUIRED PER FBC REQUIREMENTS, WHEN USED IN WIND-BORNE DEBRIS REGIONS.
3. GLAZING TYPE: SEE GLAZING DETAILS ON SHEET 15.
4. DESIGN PRESSURES:
   A) NEGATIVE DESIGN LOADS BASED ON STRUCTURAL & CYCLE TESTING AND GLASS PER ASTM E1300
   B) POSITIVE DESIGN LOADS BASED ON WATER INFILTRATION, STRUCTURAL & CYCLE TESTING AND GLASS PER ASTM E1300
5. THE ANCHORAGE METHODS SHOWN HAVE BEEN DESIGNED TO RESIST THE WINDLOADS CORRESPONDING TO THE REQUIRED DESIGN PRESSURE. THE 33-1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. THE 1.6 LOAD DURATION FACTOR WAS USED FOR THE EVALUATION OF ANCHORS INTO WOOD.
6. INSTALLATION SCREWS & FRAME CORNERS TO BE SEALED WITH NARROW JOINT SEALANT.
7. DOOR SIZES MUST BE VERIFIED FOR COMPLIANCE WITH EGRESS REQUIREMENTS OF THE FBC, AS APPLICABLE.
8. DISSIMILAR MATERIALS THAT COME INTO CONTACT, INCLUDING PRODUCT FRAMING, ANCHORAGE AND OPENING SUBSTRATES, SHALL BE COATED OR PROTECTED TO PREVENT CORROSIVE REACTIONS AS REQUIRED BY THE FLORIDA BUILDING CODE.
9. REFERENCES: ELCO ULTRACON & CRETEFLEX NOA'S, ITW TAPCON NOA; TEST REPORTS FTL-7137, 8717 & 8842

ANCHOR NOTES:

1. FOR CONCRETE/CMU SUBSTRATE APPLICATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED ELCO ANCHORS. SEE TABLE 1 ON THIS SHEET FOR EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS.
2. FOR SUBSTRATE APPLICATIONS SEE TABLE 1 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 INSTAL- LATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD & TO BE REVIEWED BY THE BUILDING OFFICIAL.
4. SHIMS ARE REQUIRED AT EACH ANCHOR LOCATION WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE. USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS. WOOD BUCKS, BY OTHERS, MUST BE SUFFICIENTLY ANCHORED TO RESIST LOADS IMPOSED ON THEM BY THE WINDOW.
5. METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER THE FBC AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION .
6. 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. DETERMINE THE BUILDING'S REQUIRED DESIGN PRESSURE USING THE ASCE 7 STANDARD. THE DOOR'S DESIGN PRESSURE MUST MEET OR EXCEED THIS VALUE.
2. DETERMINE THE ANCHOR GROUP FROM TABLE 1, THIS SHEET.
3. VERIFY THAT THE CHOSEN THRESHOLD MEETS THE REQUIRED POSITIVE (+) DESIGN PRESSURE FROM TABLE 14, SHEET 13.
4. DETERMINE THE MAXIMUM DESIGN PRESSURE DUE TO GLAZING, FROM SHEET 2 (SINGLE DOOR) OR SHEET 3 (DOUBLE DOOR).
5. IF YOUR ASSEMBLY INCLUDES A VERTICAL MULLION AND STOREFRONT WINDOW:
   A) DETERMINE THE VERTICAL MULLION TYPE & DESIGN PRESSURE FROM SHEETS 4-7.
   B) DETERMINE THE VERTICAL MULLION DESIGN PRESSURE DUE TO ANCHORAGE FROM SHEET 9 (1/4" SHIM) OR SHEET 10 (1/2" SHIM).
   C) DETERMINE THE DESIGN PRESSURE OF THE STOREFRONT WINDOW FROM IT'S OWN APPROVAL.
6. IF YOUR ASSEMBLY IS OR CONTAINS A DOUBLE DOOR, DETERMINE THE QUANTITY OF ANCHORS REQUIRED ABOVE THE MEETING STILES (HEAD) OR BELOW THE MEETING STILES (SILL) FROM SHEET 8.
7. DETERMINE THE MAXIMUM JAMB ANCHOR SPACING FROM SHEET 11. VALUES HAVE BEEN CALCULATED USING THE DOOR'S MAXIMUM DESIGN PRESSURE.
8. DETERMINE THE MAXIMUM DESIGN PRESSURE DUE TO HARDWARE FROM SHEETS 18 & 19.
9. THE LOWEST DESIGN PRESSURE FROM 3, 4, 5 & 8 ABOVE, SHALL BE USED FOR THE ENTIRE ASSEMBLY.

TABLE 1:

Group	Anchor	Substrate	Min. Edge Distance	Min. Embedment	Min. O.C. Distance
A	#14 Steel or 410 SS SMS (G5)	P.T. Southern Pine (SG=0.55)	1"	1-3/8"	1"
B	#14 Steel or 410 SS SMS (G5)	Aluminum, 6063-T5* (0.125" min. thickness)	3/8"	1/8"	5/8"
		Steel, A36* (0.125" min. thickness)	3/8"	1/8"	5/8"
C	1/4" Elco Ultracon	Concrete (min. 2.85 ksi)	2-1/2"	1-3/8"	3"
		Grout-Filled CMU, (ASTM C-90)	2-1/2"	1-3/4"	4"
		Ungrouted CMU, (ASTM C-90)	2-1/2"	1-1/4"	6"
	1/4" Elco 410 S.S. CreteFlex	Ungrouted CMU, (ASTM C-90)	2-1/2"	1-1/4"	6"
	5/16" Elco Ultracon	Ungrouted CMU, (ASTM C-90)	3-1/8"	1-1/4"	6"
D	1/4" Elco 410 S.S. CreteFlex	Concrete (min. 3.35 ksi)	2-1/2"	1-3/4"	3"
	5/16" Elco Ultracon	Concrete (min. 3.52 ksi)	3-1/8"	2"	3"
		Grout-Filled CMU, (ASTM C-90)	2-1/2"	2-1/4"	5"
E	3/8" Large Diameter ITW Tapcon	Concrete (min. 3 ksi)	3"	1-1/2"	4"
		Ungrouted CMU, (ASTM C-90)	3"	1-1/2"	6"

IMPACT RATING
RATED FOR LARGE & SMALL MISSILE IMPACT RESISTANCE

* 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.

FOR STEEL STUDS, MIN. FU=45 KSI & MIN. FY=33 KSI.

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

ALL ANCHOR HEAD TYPES ARE ALLOWED.

STANDARDS USED:
- 2014 FLORIDA BUILDING CODE (FBC), 5TH EDITION
- ASTM E1300-09
- ANSI/AF&PA NDS-2012 FOR WOOD CONSTRUCTION
- ALUMINUM DESIGN MANUAL, ADM-2010
- AISI-S100-07/S2-2010

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ANTHONY LYNN MILLER LICENSE No. 58705 STATE OF FLORIDA PROFESSIONAL ENGINEER
5/24/16
A. LYNN MILLER, P.E.
P.E.# 58705

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274
CERT. OF AUTH. #29296

Revised By:	Date:	Revision:
Revised By:	Date:	Revision:

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 16-0421.10
Expiration Date Jan. 17, 2018
By Manuel Perez
Miami Dade Product Control

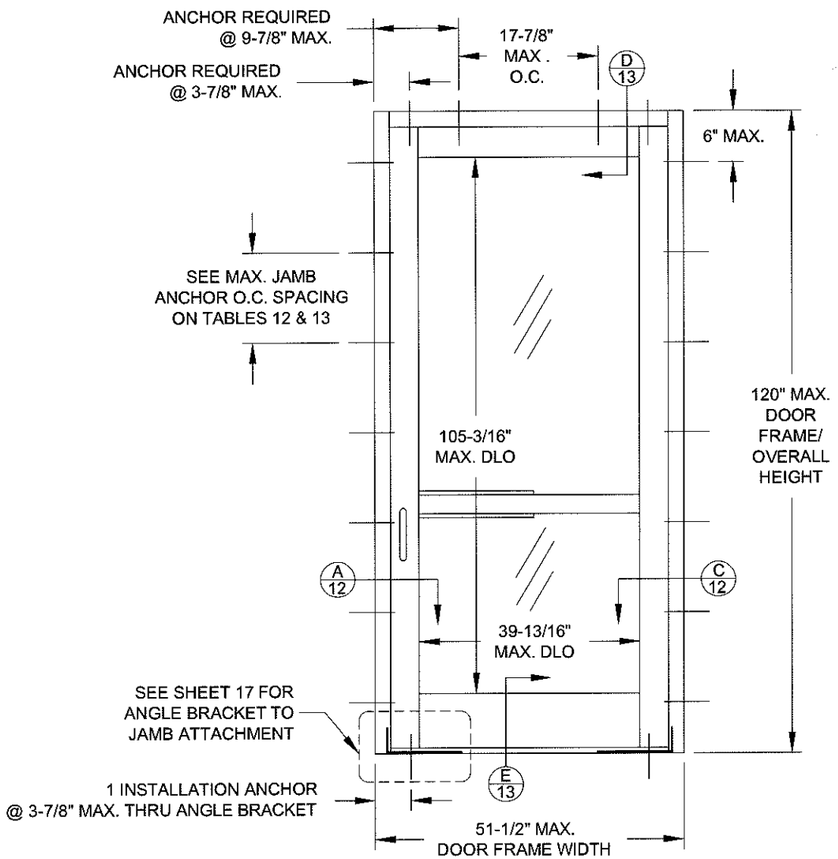
Description:	Drawn By:
GENERAL NOTES	J ROSOWSKI
Title: STOREFRONT ENTRANCE DOOR DETAILS - LM	Date: 03/05/16

Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
SE-3550	NTS	1 OF 19	MD-3550.2-LM	

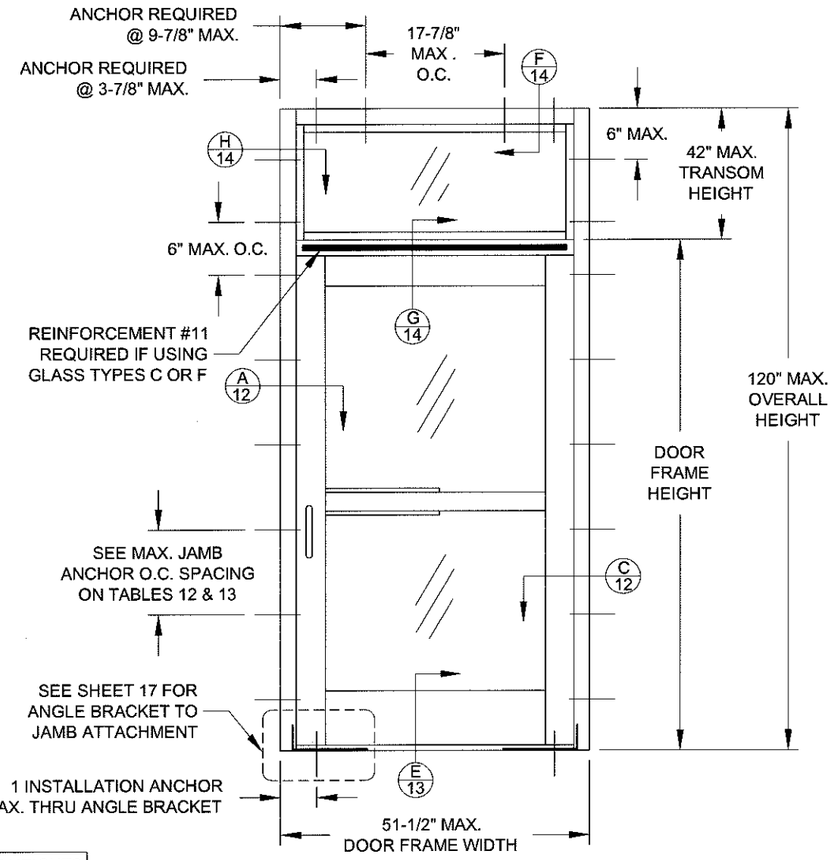
TABLE 2:

Glass Design Pressure, psf for Single Door			
Glass Type: A & D			
Door Frame Height	Overall Height	Door Frame Width	
		31-3/4"	39-1/2"
78"	97-3/4"	+90/-90	+90/-90
84"	97-3/4"	+90/-90	+90/-90
90"	97-3/4"	+90/-90	+86.6/-86.9
97-3/4"	97-3/4"	+90/-90	+80/-80
Glass Type: B & E			
Door Frame Height	Overall Height	Door Frame Width	
		31-3/4"	39-1/2"
78"	97-3/4"	+70/-80	+70/-80
84"	97-3/4"	+70/-80	+70/-80
90"	97-3/4"	+70/-80	+70/-80
97-3/4"	97-3/4"	+70/-80	+70/-80
Glass Type: C & F			
Door Frame Height	Overall Height	Door Frame Width	
		39-1/2"	51-1/2"
78"	108"	+90/-120	+90/-100
	120"	+90/-120	+90/-100
84"	108"	+90/-120	+90/-100
	120"	+90/-120	+90/-100
90"	108"	+90/-120	+90/-100
	120"	+90/-120	+90/-100
97-3/4"	120"	+90/-120	+90/-100
108"	120"	+90/-100	+90/-100
120"	120"	+90/-100	+90/-100

FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.



TYP. ELEVATION OF SINGLE DOOR WITHOUT TRANSOM



DOOR FRAME HEIGHTS OVER 97-3/4" OR DOOR FRAME WIDTHS OVER 39-1/2" REQUIRE SPECIAL HARDWARE, SEE SHEETS 18 & 19.

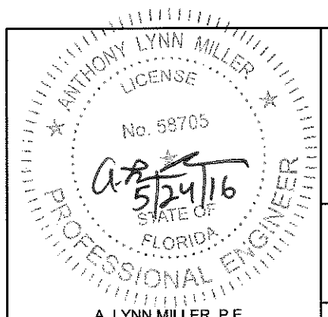
TYP. ELEVATION OF SINGLE DOOR WITH TRANSOM

ENTRY DOOR NOTES:
1. SEE SHEET 15 FOR GLAZING TYPES AND DESCRIPTIONS.

EGRESS FORMULAS:
SINGLE DOOR FRAME WIDTH - 6-3/8" = EGRESS WIDTH
FRAME HEIGHT - 2-3/8" - THRESHOLD HEIGHT = EGRESS HEIGHT

DLO (DAYLIGHT OPENING) FORMULAS:
SINGLE DOOR FRAME WIDTH - 9-15/16" = DLO WIDTH
DOOR FRAME HEIGHT - 14-13/16" = DLO HEIGHT
TRANSOM WIDTH - 6" = DLO WIDTH
TRANSOM HEIGHT - 3-3/4" = DLO HEIGHT

SHEET NUMBER (X/#) — DETAIL LETTER



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Revised By:	Date:	Revision:
Revised By:	Date:	Revision:

Description: ELEVATIONS FOR GLAZING DP, A
Drawn By: J ROSOWSKI
Title: STOREFRONT ENTRANCE DOOR DETAILS - LM
Date: 03/05/16
Series/Model: SE-3550
Scale: NTS
Sheet: 2 OF 19
Drawing No.: MD-3550.2-LM
Rev:

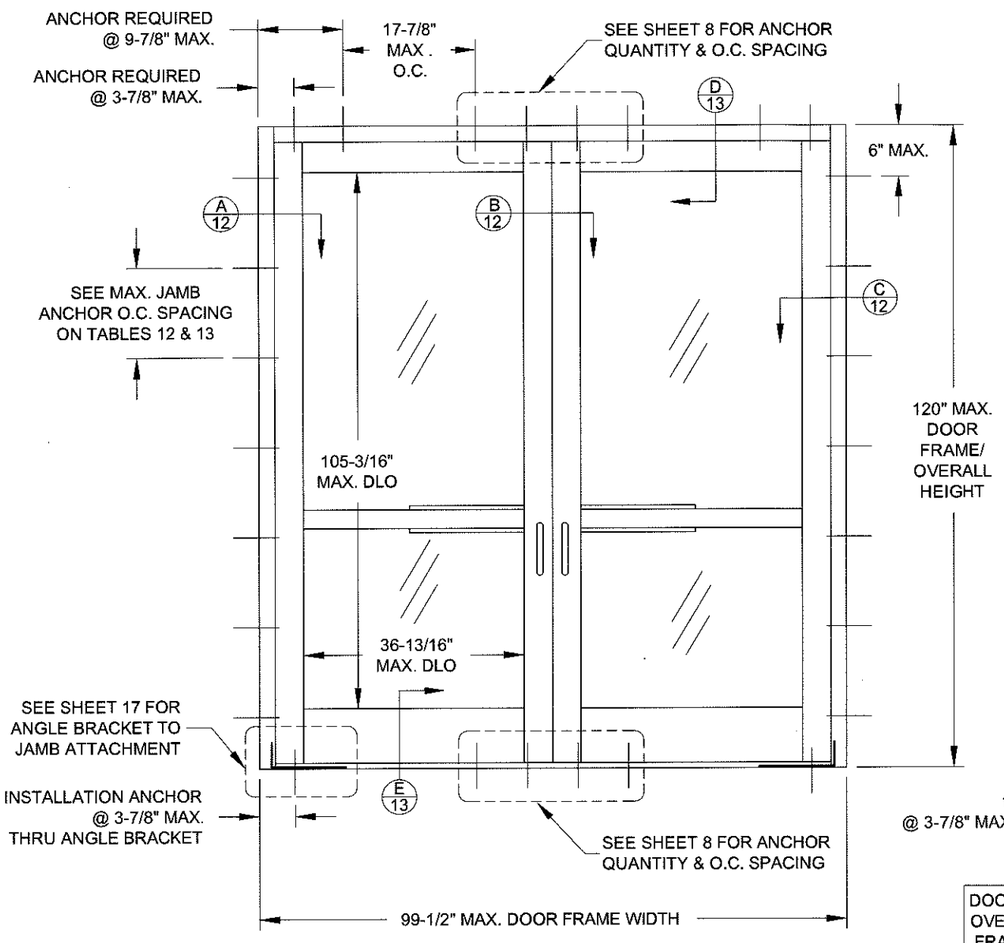
PRODUCT REVISED as complying with the Florida Building Code
Acceptance No 16-0421.16
Expiration Date Jan. 11, 2018
By Miami-Dade Product Control

TABLE 3:

Glass Design Pressure, psf for Double Door			
Glass Type: A & D			
Door Frame Height	Overall Height	Door Frame Width	
		60"	75-1/2"
78"	97-3/4"	+90/-90	+90/-90
84"	97-3/4"	+90/-90	+90/-90
90"	97-3/4"	+90/-90	+86.6/-86.9
97-3/4"	97-3/4"	+90/-90	+80/-80
Glass Type: B & E			
Door Frame Height	Overall Height	Door Frame Width	
		60"	75-1/2"
78"	97-3/4"	+70/-80	+70/-80
84"	97-3/4"	+70/-80	+70/-80
90"	97-3/4"	+70/-80	+70/-80
97-3/4"	97-3/4"	+70/-80	+70/-80
Glass Type: C & F			
Door Frame Height	Overall Height	Door Frame Width	
		75-1/2"	99-1/2"
78"	100-1/4"	+90/-120	+90/-100
	120"	+90/-117	+90/-100
84"	106-1/4"	+90/-120	+90/-100
	120"	+90/-117	+90/-100
90"	112-1/4"	+90/-120	+90/-100
	120"	+90/-117	+90/-100
97-3/4"	120"	+90/-120	+90/-100
108"	108"	+90/-100	+90/-100
120"	120"	+90/-100	+90/-100

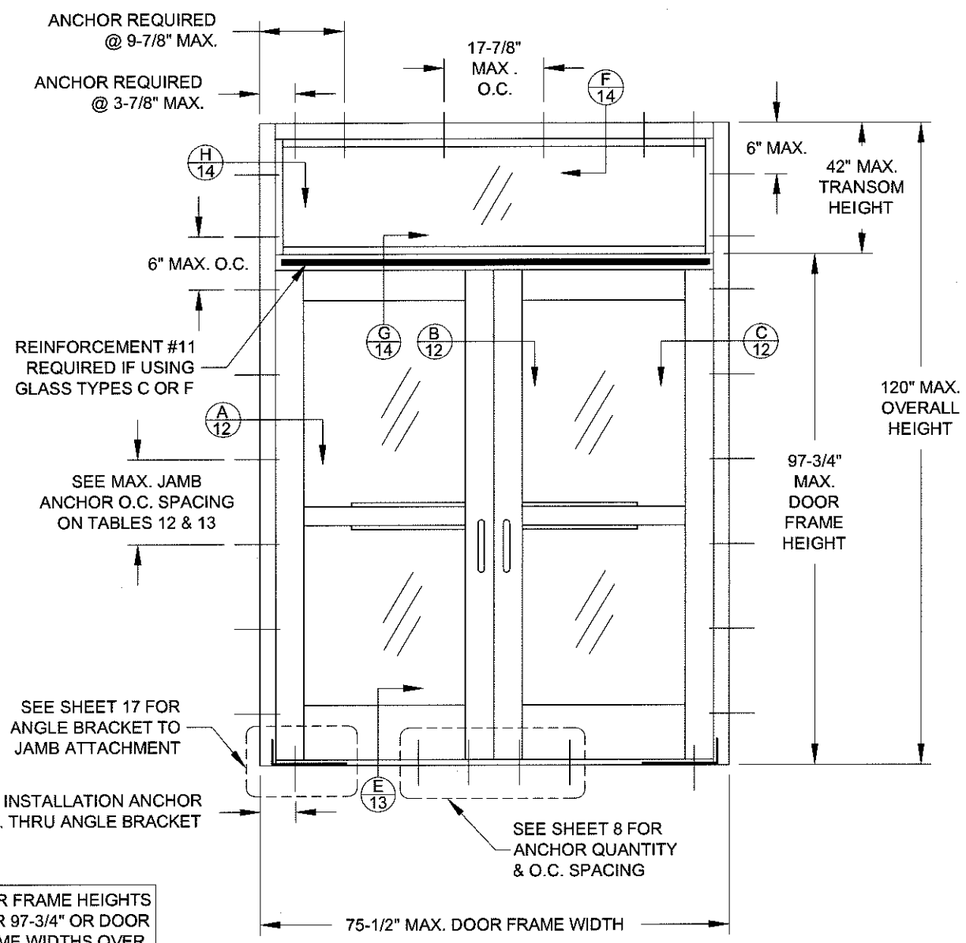
NO TRANSOMS ALLOWED FOR DOOR FRAME HEIGHTS OVER 97-3/4".

FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.



TYP. ELEVATION OF DOUBLE DOOR WITHOUT TRANSOM

DOOR FRAME HEIGHTS OVER 97-3/4" OR DOOR FRAME WIDTHS OVER 75-1/2" REQUIRE SPECIAL HARDWARE, SEE SHEETS 18 & 19.



TYP. ELEVATION OF DOUBLE DOOR WITH TRANSOM

SHEET NUMBER (X #) — DETAIL LETTER

ENTRY DOOR NOTES:
1. SEE SHEET 15 FOR GLAZING TYPES AND DESCRIPTIONS.

EGRESS FORMULAS:
DOUBLE DOOR FRAME WIDTH / 2 - 4" = EGRESS WIDTH
FRAME HEIGHT - 2-3/8" - THRESHOLD HEIGHT = EGRESS HEIGHT

DLO (DAYLIGHT OPENING) FORMULAS:
DOUBLE DOOR FRAME WIDTH / 2 - 8-3/16" = DLO WIDTH
DOOR FRAME HEIGHT - 14-13/16" = DLO HEIGHT
TRANSOM WIDTH - 6" = DLO WIDTH
TRANSOM HEIGHT - 3-3/4" = DLO HEIGHT

ANTHONY LYNN MILLER LICENSE No. 58705 STATE OF FLORIDA PROFESSIONAL ENGINEER 5/24/16

A. LYNN MILLER, P.E.
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Sheet: 3 OF 19
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By Manuel Perez
Miami-Dade Product Control

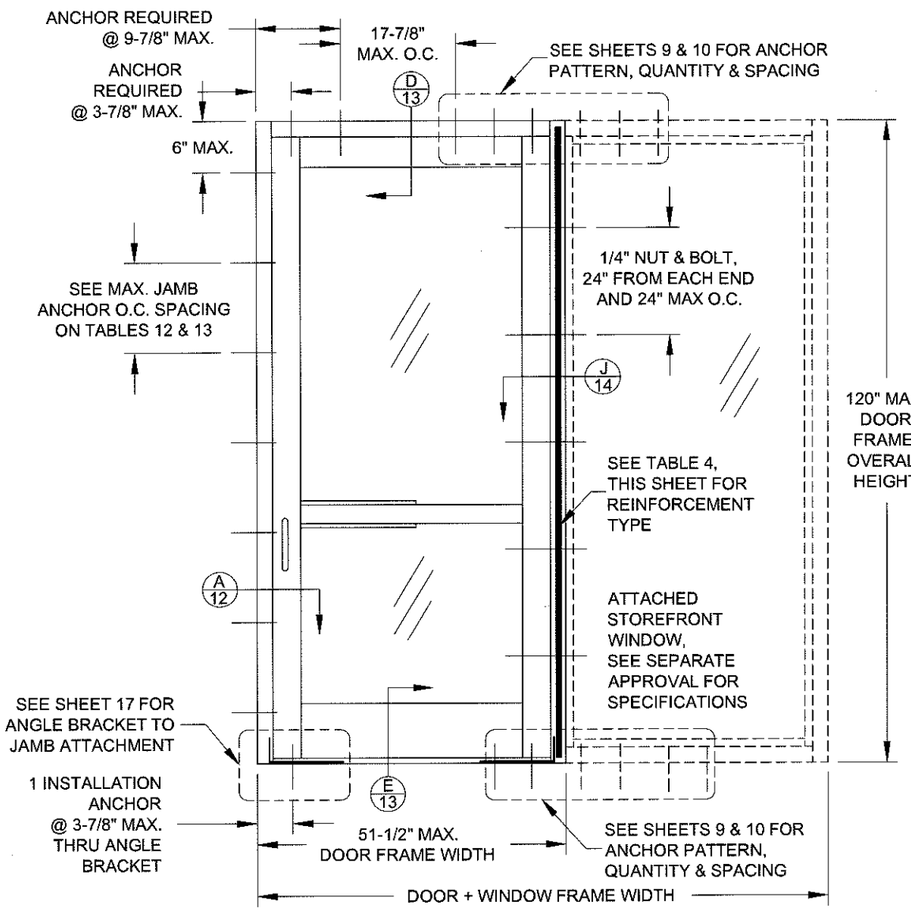
TABLE 4:

Max. Vertical Mullion Design Pressure, (psf)				
Overall Height	Door + Window Frame Width Single Door without Transom	No Reinforcement	Aluminum Reinforcement (Part #11)	HD Aluminum Reinforcement (Part #23)
78"	49-3/4"	+90/-90	+90/-100	+90/-120
	61-3/4"	+90/-90	+90/-100	+90/-120
	73-3/4"	+90/-90	+90/-100	+90/-120
	85-3/4"	+90/-90	+90/-100	+90/-120
	97-3/4"	+90/-90	+90/-100	+90/-120
	109-3/4"	+90/-90	+90/-100	+90/-120
	121-3/4"	+86.3/-86.3	+90/-100	+90/-120
84"	49-3/4"	+90/-90	+90/-100	+90/-120
	61-3/4"	+90/-90	+90/-100	+90/-120
	73-3/4"	+90/-90	+90/-100	+90/-120
	85-3/4"	+90/-90	+90/-100	+90/-120
	97-3/4"	+90/-90	+90/-100	+90/-120
	109-3/4"	+89.1/-89.1	+90/-100	+90/-120
	121-3/4"	+80.1/-80.1	+90/-100	+90/-120
90"	49-3/4"	+90/-90	+90/-100	+90/-120
	61-3/4"	+90/-90	+90/-100	+90/-120
	73-3/4"	+90/-90	+90/-100	+90/-120
	85-3/4"	+90/-90	+90/-100	+90/-120
	97-3/4"	+90/-90	+90/-100	+90/-120
	109-3/4"	+83.1/-83.1	+90/-100	+90/-120
	121-3/4"		+90/-100	+90/-120
97-3/4"	49-3/4"	+90/-90	+90/-100	+90/-120
	61-3/4"	+90/-90	+90/-100	+90/-120
	73-3/4"	+90/-90	+90/-100	+90/-120
	85-3/4"	+90/-90	+90/-100	+90/-120
	97-3/4"	+86.1/-86.1	+90/-100	+90/-120
	105-1/16"	+80/-80	+90/-100	+90/-120
	121-3/4"		+90/-100	+90/-120
108"	49-3/4"		+90/-100	+90/-120
	61-3/4"		+90/-100	+90/-120
	73-3/4"		+90/-100	+90/-120
	85-3/4"		+90/-100	+90/-120
	97-3/4"		+90/-100	+90/-120
	109-3/4"		+90/-100	+90/-120
	121-3/4"		+90/-100	+90/-120
120"	49-3/4"		+90/-100	+90/-120
	61-3/4"		+90/-100	+90/-120
	73-3/4"		+90/-100	+90/-120
	85-3/4"		+90/-100	+90/-120
	97-3/4"		+90/-100	+90/-120
	105-1/16"		+90/-100	+90/-120
	117-1/16"			+90/-100

FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.

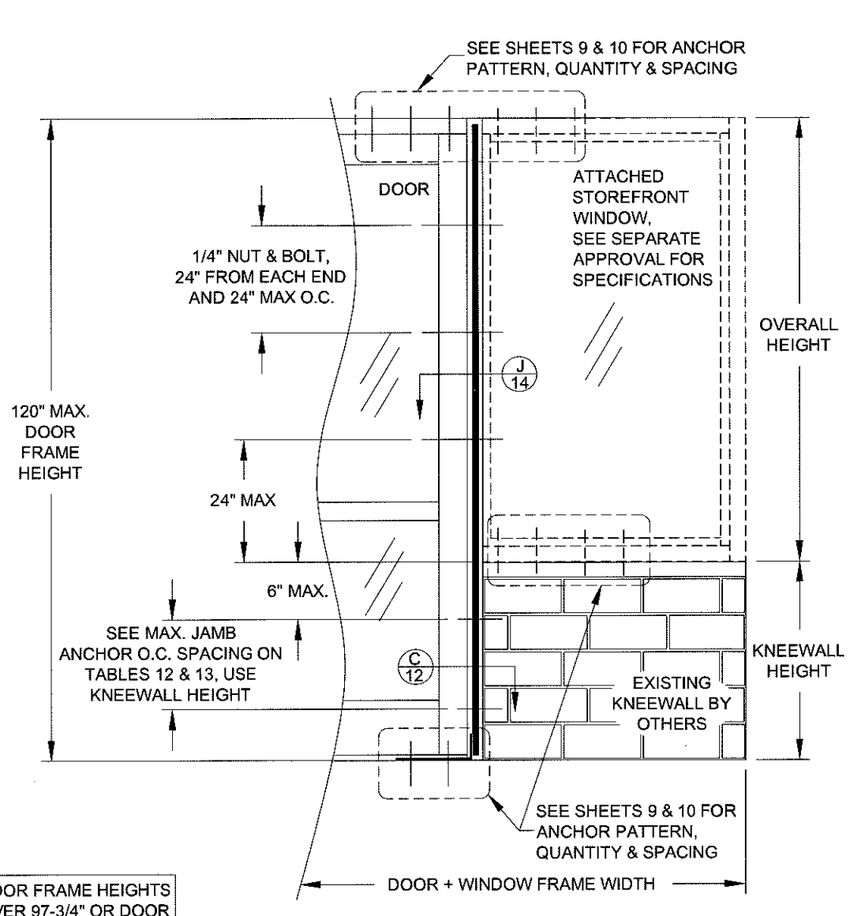
ENTRY DOOR NOTES:
1. SEE SHEET 2 FOR EGRESS & DLO FORMULAS.
2. SEE SHEETS 2 FOR ADDITIONAL DESIGN PRESSURE LIMITS BASED ON GLASS TYPE.

STOREFRONT WINDOW NOTES:
1. SEE SEPARATE APPROVAL FOR STOREFRONT WINDOW SPECIFICATIONS.
2. IF A SERIES OF STOREFRONT WINDOWS ARE USED, USE ONLY 1 WINDOW DIRECTLY ADJACENT TO THE DOOR IN DETERMINING THE DOOR + WINDOW FRAME WIDTH.
3. IF STOREFRONT WINDOWS ARE USED ON BOTH SIDES OF A DOOR (EX. OXO), DETERMINE THE DOOR + WINDOW FRAME WIDTH USING THE WIDER WINDOW.
4. THE LESSER DESIGN PRESSURE OF THE DOOR OR STOREFRONT WINDOW SHALL GOVERN THE DESIGN PRESSURE FOR THE ENTIRE ASSEMBLY.



TYP. ELEVATION OF SINGLE DOOR WITHOUT TRANSOM

DOOR FRAME HEIGHTS OVER 97-3/4" OR DOOR FRAME WIDTHS OVER 39-1/2" REQUIRE SPECIAL HARDWARE, SEE SHEETS 18 & 19.



TYP. ELEVATION OF KNEEWALL INSTALLATION
(OTHER DOOR TYPES SIMILAR)

SHEET NUMBER (X/#) — DETAIL LETTER

ANTHONY LYNN MILLER LICENSE No. 58705 STATE OF FLORIDA PROFESSIONAL ENGINEER
5/24/16
A. LYNN MILLER, P.E.
P.E.# 58705

PGT®
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274
CERT. OF AUTH. #29296

Revised By:	Date:	Revision:
Revised By:	Date:	Revision:

Description: ELEVATIONS FOR MULLION DP, A
Drawn By: J ROSOWSKI
Title: STOREFRONT ENTRANCE DOOR DETAILS - LM
Date: 03/05/16
Series/Model: SE-3550
Scale: NTS
Sheet: 4 OF 19
Drawing No.: MD-3550.2-LM
Rev:

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No 16-0421.10
Expiration Date Jan. 17, 2018
By Manuel Perez
Miami-Dade Product Control

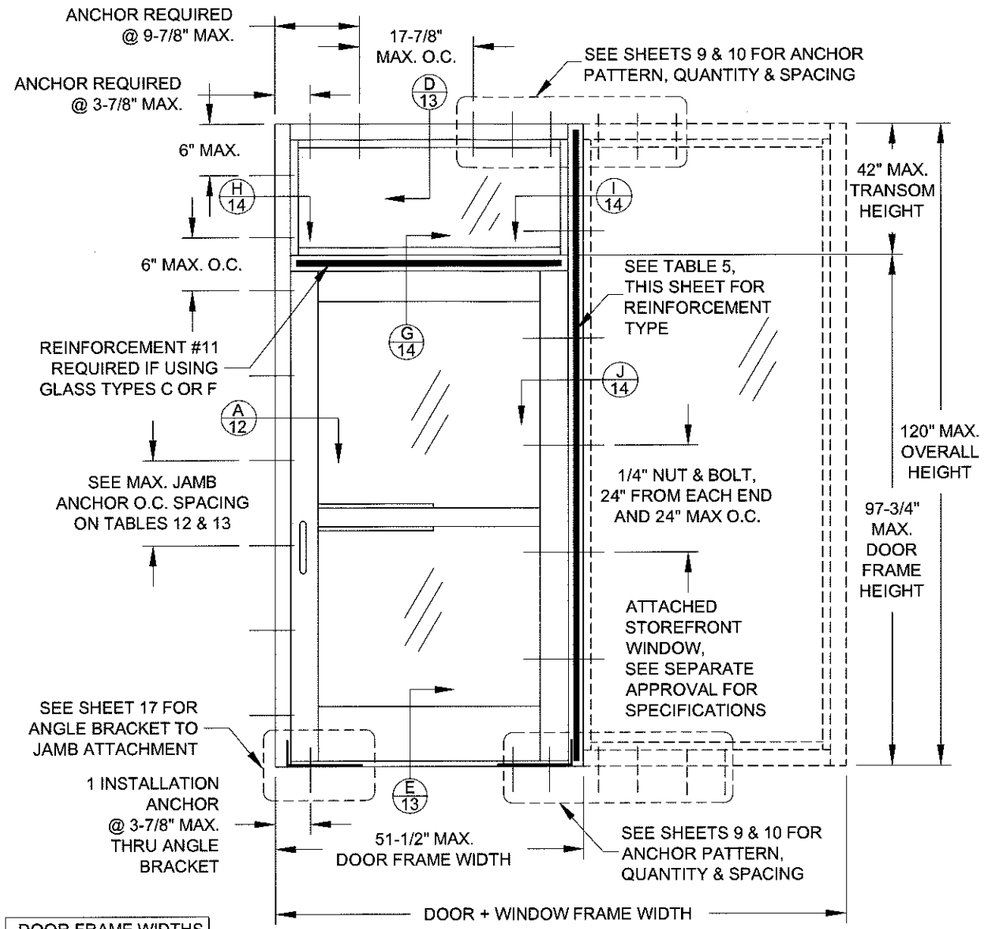
TABLE 5:

Max. Vertical Mullion Design Pressure, (psf)				
Overall Height	Door + Window Frame Width Single Door with Transom	No Reinforcement	Aluminum Reinforcement (Part #11)	HD Aluminum Reinforcement (Part #23)
78"	49-3/4"	+90/-90	+90/-100	+90/-120
	61-3/4"	+90/-90	+90/-100	+90/-120
	73-3/4"	+90/-90	+90/-100	+90/-120
	85-3/4"	+90/-90	+90/-100	+90/-120
	97-3/4"	+90/-90	+90/-100	+90/-120
	109-3/4"	+90/-90	+90/-100	+90/-120
	121-3/4"	+86.3/-86.3	+90/-100	+90/-120
84"	49-3/4"	+90/-90	+90/-100	+90/-120
	61-3/4"	+90/-90	+90/-100	+90/-120
	73-3/4"	+90/-90	+90/-100	+90/-120
	85-3/4"	+90/-90	+90/-100	+90/-120
	97-3/4"	+90/-90	+90/-100	+90/-120
	109-3/4"	+89.1/-89.1	+90/-100	+90/-120
	121-3/4"	+80.1/-80.1	+90/-100	+90/-120
90"	49-3/4"	+90/-90	+90/-100	+90/-120
	61-3/4"	+90/-90	+90/-100	+90/-120
	73-3/4"	+90/-90	+90/-100	+90/-120
	85-3/4"	+90/-90	+90/-100	+90/-120
	97-3/4"	+90/-90	+90/-100	+90/-120
	109-3/4"	+83.1/-83.1	+90/-100	+90/-120
	121-3/4"		+90/-100	+90/-120
97-3/4"	49-3/4"	+90/-90	+90/-100	+90/-120
	61-3/4"	+90/-90	+90/-100	+90/-120
	73-3/4"	+90/-90	+90/-100	+90/-120
	85-3/4"	+90/-90	+90/-100	+90/-120
	97-3/4"	+86.1/-86.1	+90/-100	+90/-120
	105-1/16"	+80/-80	+90/-100	+90/-120
	121-3/4"		+90/-100	+90/-120
108"	49-3/4"		+90/-100	+90/-120
	61-3/4"		+90/-100	+90/-120
	73-3/4"		+90/-100	+90/-120
	85-3/4"		+90/-100	+90/-120
	97-3/4"		+90/-100	+90/-120
	109-3/4"		+90/-100	+90/-120
	121-3/4"		+90/-100	+90/-120
120"	49-3/4"		+90/-100	+90/-120
	61-3/4"		+90/-100	+90/-120
	73-3/4"		+90/-100	+90/-120
	85-3/4"		+90/-100	+90/-120
	97-3/4"		+90/-100	+90/-120
	105-1/16"		+90/-100	+90/-120
	117-1/16"			+90/-100

FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.

ENTRY DOOR NOTES:
1. SEE SHEET 2 FOR EGRESS & DLO FORMULAS.
2. SEE SHEET 2 FOR ADDITIONAL DESIGN PRESSURE LIMITS BASED ON GLASS TYPE.

STOREFRONT WINDOW NOTES:
1. SEE SEPARATE APPROVAL FOR STOREFRONT WINDOW SPECIFICATIONS.
2. IF A SERIES OF STOREFRONT WINDOWS ARE USED, USE ONLY 1 WINDOW DIRECTLY ADJACENT TO THE DOOR IN DETERMINING THE DOOR + WINDOW FRAME WIDTH.
3. IF STOREFRONT WINDOWS ARE USED ON BOTH SIDES OF A DOOR (EX. OXO), DETERMINE THE DOOR + WINDOW FRAME WIDTH USING THE WIDER WINDOW.
4. THE LESSER DESIGN PRESSURE OF THE DOOR OR STOREFRONT WINDOW SHALL GOVERN THE DESIGN PRESSURE FOR THE ENTIRE ASSEMBLY.
5. SEE SHEET 4 FOR INSTALLATION TO KNEEWALL.



DOOR FRAME WIDTHS OVER 39-1/2" REQUIRE SPECIAL HARDWARE, SEE SHEETS 18 & 19.

TYP. ELEVATION OF SINGLE DOOR WITH TRANSOM

SHEET NUMBER (X/#) — DETAIL LETTER

ANTHONY LYNN MILLER LICENSE No. 58705 STATE OF FLORIDA PROFESSIONAL ENGINEER
5/24/16
A. LYNN MILLER, P.E.
P.E.# 58705

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274
CERT. OF AUTH. #29296

Revised By:	Date:	Revision:
Revised By:	Date:	Revision:

Description: ELEVATIONS FOR MULLION DP, B
Drawn By: J ROSOWSKI
Title: STOREFRONT ENTRANCE DOOR DETAILS - LM
Date: 03/05/16
Series/Model: SE-3550
Scale: NTS
Sheet: 5 OF 19
Drawing No.: MD-3550.2-LM
Rev:

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No 16-0421.10
Expiration Date Jan. 17, 2018
By Manuel Perez
Miami Dade Product Control

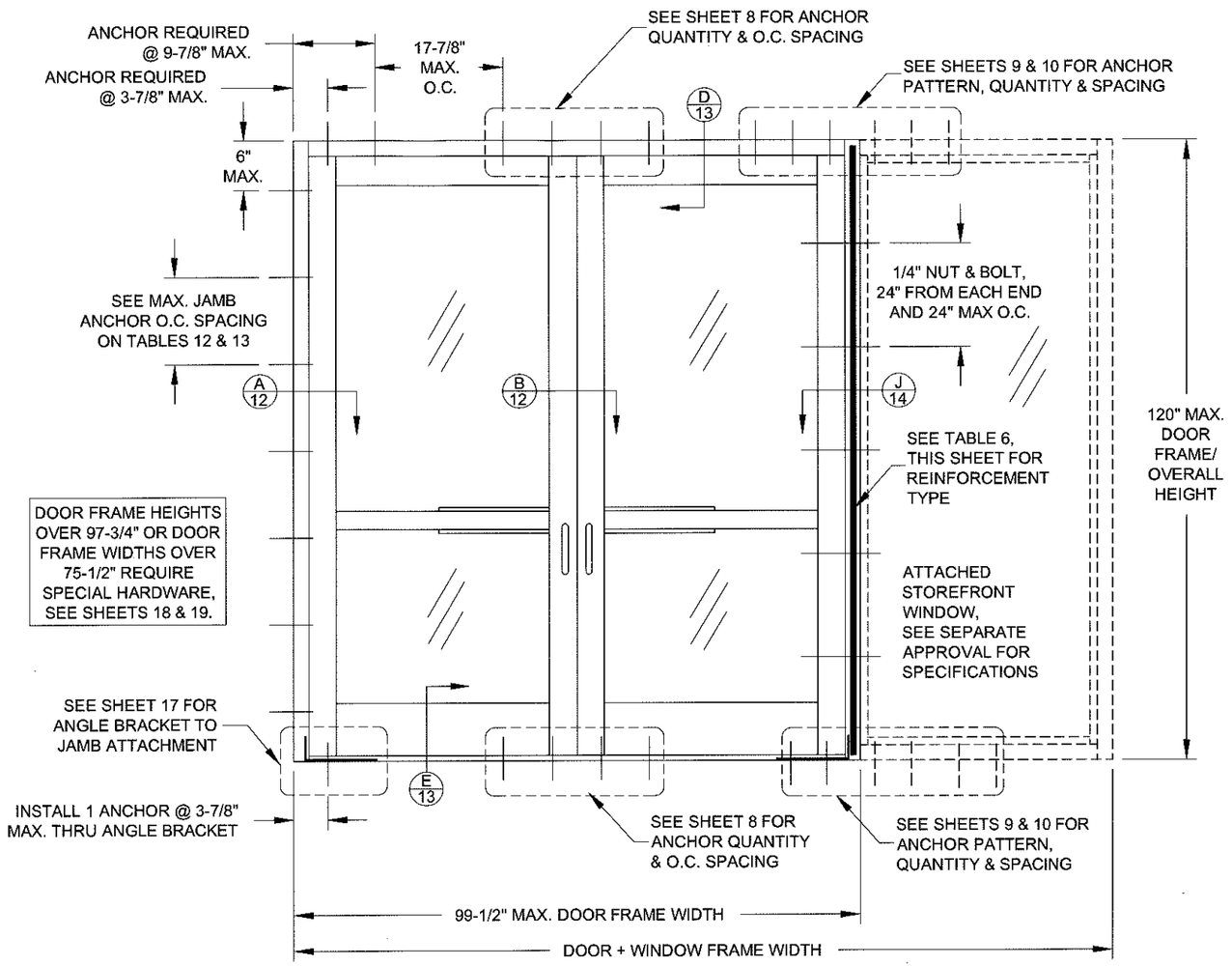
TABLE 6:

Max. Vertical Mullion Design Pressure, (psf)				
Overall Height	Door + Window Frame Width Double Door without Transom	No Reinforcement	Aluminum Reinforcement (Part #11)	HD Aluminum Reinforcement (Part #23)
78"	86-5/8"	+90/-90	+90/-100	+90/-120
	110-5/8"	+90/-90	+90/-100	+90/-120
	122-5/8"	+90/-90	+90/-100	+90/-120
	134-5/8"	+90/-90	+90/-100	+90/-120
	146-5/8"	+90/-90	+90/-100	+90/-120
	158-5/8"	+90/-90	+90/-100	+90/-120
	170-5/8"	+86.3/-86.3	+90/-100	+90/-120
84"	86-5/8"	+90/-90	+90/-100	+90/-120
	110-5/8"	+90/-90	+90/-100	+90/-120
	122-5/8"	+90/-90	+90/-100	+90/-120
	134-5/8"	+90/-90	+90/-100	+90/-120
	146-5/8"	+90/-90	+90/-100	+90/-120
	158-5/8"	+89.1/-89.1	+90/-100	+90/-120
	170-5/8"	+80.1/-80.1	+90/-100	+90/-120
90"	86-5/8"	+90/-90	+90/-100	+90/-120
	110-5/8"	+90/-90	+90/-100	+90/-120
	122-5/8"	+90/-90	+90/-100	+90/-120
	134-5/8"	+90/-90	+90/-100	+90/-120
	146-5/8"	+90/-90	+90/-100	+90/-120
	158-5/8"	+83.1/-83.1	+90/-100	+90/-120
	170-5/8"		+90/-100	+90/-120
97-3/4"	86-5/8"	+90/-90	+90/-100	+90/-120
	110-5/8"	+90/-90	+90/-100	+90/-120
	122-5/8"	+90/-90	+90/-100	+90/-120
	134-5/8"	+90/-90	+90/-100	+90/-120
	146-5/8"	+86.1/-86.1	+90/-100	+90/-120
	153-7/8"	+80/-80	+90/-100	+90/-120
	170-5/8"		+90/-100	+90/-120
108"	86-5/8"		+90/-100	+90/-120
	110-5/8"		+90/-100	+90/-120
	122-5/8"		+90/-100	+90/-120
	134-5/8"		+90/-100	+90/-120
	146-5/8"		+90/-100	+90/-120
	158-5/8"		+90/-100	+90/-120
	170-5/8"		+90/-100	+90/-120
120"	86-5/8"		+90/-100	+90/-120
	110-5/8"		+90/-100	+90/-120
	122-5/8"		+90/-100	+90/-120
	134-5/8"		+90/-100	+90/-120
	146-5/8"		+90/-100	+90/-120
	153-7/8"		+90/-100	+90/-120
	165-7/8"		+90/-100	+90/-100

FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.

ENTRY DOOR NOTES:
1. SEE SHEET 3 FOR EGRESS & DLO FORMULAS.
2. SEE SHEET 3 FOR ADDITIONAL DESIGN PRESSURE LIMITS BASED ON GLASS TYPE.

STOREFRONT WINDOW NOTES:
1. SEE SEPARATE APPROVAL FOR STOREFRONT WINDOW SPECIFICATIONS.
2. IF A SERIES OF STOREFRONT WINDOWS ARE USED, USE ONLY 1 WINDOW DIRECTLY ADJACENT TO THE DOOR IN DETERMINING THE DOOR + WINDOW FRAME WIDTH.
3. IF STOREFRONT WINDOWS ARE USED ON BOTH SIDES OF A DOOR (EX. OXO), DETERMINE THE DOOR + WINDOW FRAME WIDTH USING THE WIDER WINDOW.
4. THE LESSER DESIGN PRESSURE OF THE DOOR OR STOREFRONT WINDOW SHALL GOVERN THE DESIGN PRESSURE FOR THE ENTIRE ASSEMBLY.
5. SEE SHEET 4 FOR INSTALLATION TO KNEEWALL.



TYP. ELEVATION OF DOUBLE DOOR WITHOUT TRANSOM, ATTACHED TO STOREFRONT WINDOW

SHEET NUMBER — (X / #) — DETAIL LETTER

ANTHONY LYNN MILLER LICENSE No. 58705 STATE OF FLORIDA PROFESSIONAL ENGINEER
5/24/16
A. LYNN MILLER, P.E.
P.E.# 58705

PGT®
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274
CERT. OF AUTH. #29296

Revised By:	Date:	Revision:
Revised By:	Date:	Revision:

Description: ELEVATIONS FOR MULLION DP, C
Drawn By: J ROSOWSKI
Title: STOREFRONT ENTRANCE DOOR DETAILS - LM
Date: 03/05/16
Series/Model: SE-3550
Scale: NTS
Sheet: 6 OF 19
Drawing No.: MD-3550.2-LM
Rev:

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 16-0421.10
Expiration Date Jan. 11, 2018
By Manuel Perez
Miami-Dade Product Control

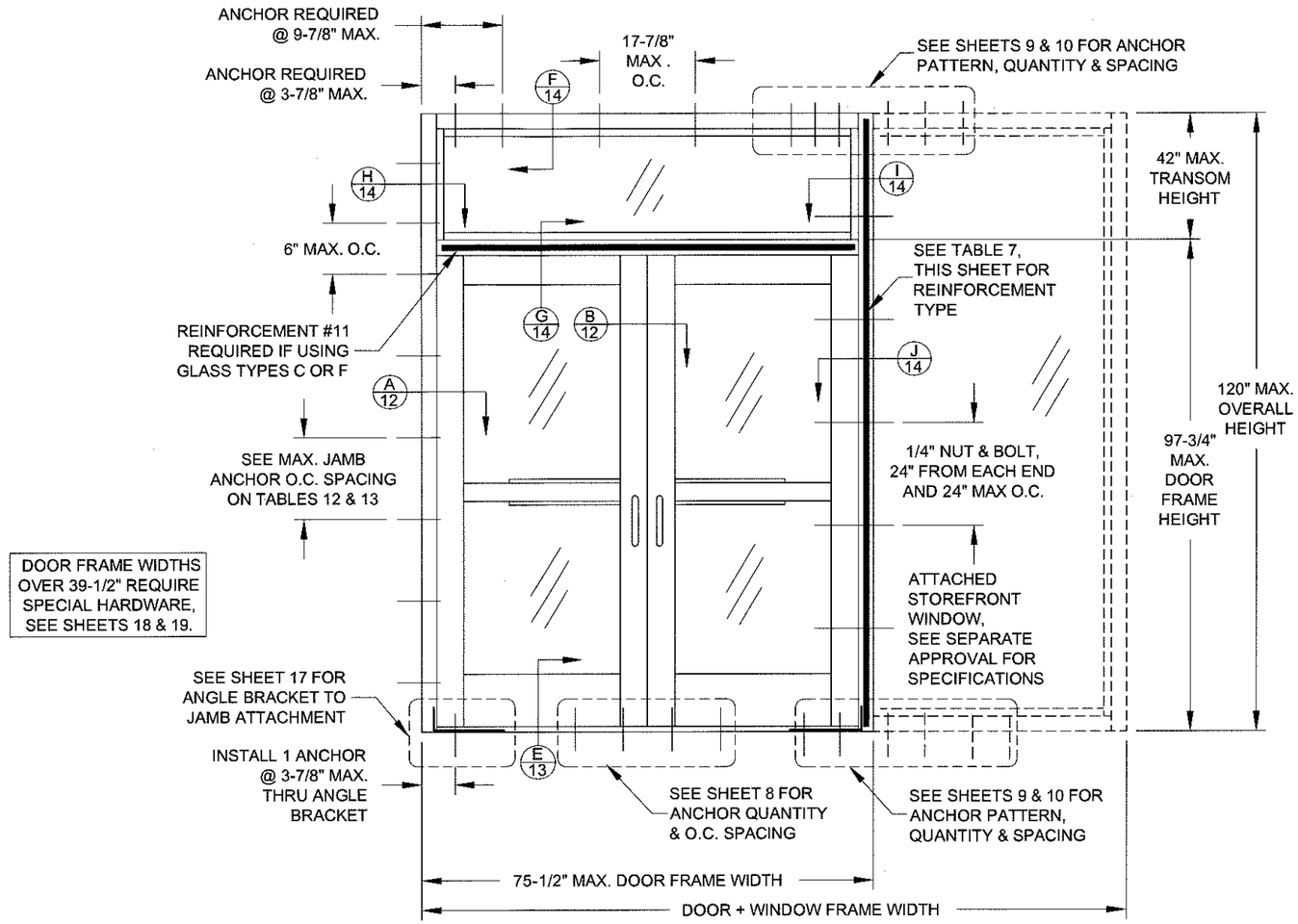
TABLE 7:

Max. Vertical Mullion Design Pressure, (psf)				
Overall Height	Door + Window Frame Width Double Door with Transom	No Reinforcement	Aluminum Reinforcement (Part #11)	HD Aluminum Reinforcement (Part #23)
78"	60-5/16"	+90/-90	+90/-100	+90/-120
	76-5/16"	+90/-90	+90/-100	+90/-120
	92-3/16"	+90/-90	+90/-100	+90/-120
	104-3/16"	+90/-90	+90/-100	+90/-120
	116-3/16"	+90/-90	+90/-100	+90/-120
	128-3/16"	+90/-90	+90/-100	+90/-120
	140-3/16"	+86.3/-86.3	+90/-100	+90/-120
84"	60-5/16"	+90/-90	+90/-100	+90/-120
	76-5/16"	+90/-90	+90/-100	+90/-120
	92-3/16"	+90/-90	+90/-100	+90/-120
	104-3/16"	+90/-90	+90/-100	+90/-120
	116-3/16"	+90/-90	+90/-100	+90/-120
	128-3/16"	+89.1/-89.1	+90/-100	+90/-120
	140-3/16"	+80.1/-80.1	+90/-100	+90/-120
90"	60-5/16"	+90/-90	+90/-100	+90/-120
	76-5/16"	+90/-90	+90/-100	+90/-120
	92-3/16"	+90/-90	+90/-100	+90/-120
	104-3/16"	+90/-90	+90/-100	+90/-120
	116-3/16"	+90/-90	+90/-100	+90/-120
	128-3/16"	+83.1/-83.1	+90/-100	+90/-120
	140-3/16"		+90/-100	+90/-120
97-3/4"	60-5/16"	+90/-90	+90/-100	+90/-120
	76-5/16"	+90/-90	+90/-100	+90/-120
	92-3/16"	+90/-90	+90/-100	+90/-120
	104-3/16"	+90/-90	+90/-100	+90/-120
	116-3/16"	+86.1/-86.1	+90/-100	+90/-120
	123-1/2"	+80/-80	+90/-100	+90/-120
	140-3/16"		+90/-100	+90/-120
108"	60-5/16"		+90/-100	+90/-120
	76-5/16"		+90/-100	+90/-120
	92-3/16"		+90/-100	+90/-120
	104-3/16"		+90/-100	+90/-120
	116-3/16"		+90/-100	+90/-120
	128-3/16"		+90/-100	+90/-120
	140-3/16"		+90/-100	+90/-120
120"	60-5/16"		+90/-100	+90/-120
	76-5/16"		+90/-100	+90/-120
	92-3/16"		+90/-100	+90/-120
	104-3/16"		+90/-100	+90/-120
	116-3/16"		+90/-100	+90/-120
	123-1/2"		+90/-100	+90/-120
	135-1/2"			+90/-100

FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.

ENTRY DOOR NOTES:
1. SEE SHEET 3 FOR EGRESS & DLO FORMULAS.
2. SEE SHEET 3 FOR ADDITIONAL DESIGN PRESSURE LIMITS BASED ON GLASS TYPE.

STOREFRONT WINDOW NOTES:
1. SEE SEPARATE APPROVAL FOR STOREFRONT WINDOW SPECIFICATIONS.
2. IF A SERIES OF STOREFRONT WINDOWS ARE USED, USE ONLY 1 WINDOW DIRECTLY ADJACENT TO THE DOOR IN DETERMINING THE DOOR + WINDOW FRAME WIDTH.
3. IF STOREFRONT WINDOWS ARE USED ON BOTH SIDES OF A DOOR (EX. OXO), DETERMINE THE DOOR + WINDOW FRAME WIDTH USING THE WIDER WINDOW.
4. THE LESSER DESIGN PRESSURE OF THE DOOR OR STOREFRONT WINDOW SHALL GOVERN THE DESIGN PRESSURE FOR THE ENTIRE ASSEMBLY.
5. SEE SHEET 4 FOR INSTALLATION TO KNEEWALL.



TYP. ELEVATION OF DOUBLE DOOR WITH TRANSOM, ATTACHED TO STOREFRONT WINDOW

SHEET NUMBER — (X/#) — DETAIL LETTER

ANTHONY LYNN MILLER LICENSE No. 58705 STATE OF FLORIDA PROFESSIONAL ENGINEER
5/24/16
A. LYNN MILLER, P.E.
P.E.# 58705

PGT®
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274
CERT. OF AUTH. #29296

Revised By:	Date:	Revision:
Revised By:	Date:	Revision:

Description: ELEVATIONS FOR MULLION DP, D
Drawn By: J ROSOWSKI
Title: STOREFRONT ENTRANCE DOOR DETAILS - LM
Date: 03/05/16
Series/Model: SE-3550
Scale: NTS
Sheet: 7 OF 19
Drawing No.: MD-3550.2-LM
Rev:

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 16-0421.10
Expiration Date Jan 17, 2018
By Manuel Perez
Miami Dade Product Control

TABLE 8:

Quantity of Cluster Anchors Required at the Head & Sill of Double Doors — Shim Thickness: 1/4"

Overall Height	Installed with Anchor Group:	Glass Type: A & D			Glass Type: B & E			Glass Type: C & F					
		Door Frame Width			Door Frame Width			Door Frame Width					
		48"	60"	75-1/2"	48"	60"	75-1/2"	48"	60"	75-1/2"	80"	88"	99-1/2"
78"	"A"	4	4	4	4	4	4	4	4	5	5	5	5
	"B"	4	4	4	4	4	4	4	4	4	5	5	5
	"C"	4	4	4	4	4	4	4	4	4	5	5	5
	"D"	4	4	4	4	4	4	4	4	4	5	5	5
	"E"	4	4	4	4	4	4	4	4	4	5	5	5
84"	"A"	4	4	4	4	4	4	4	4	5	5	5	6
	"B"	4	4	4	4	4	4	4	4	4	5	5	5
	"C"	4	4	4	4	4	4	4	4	4	5	5	5
	"D"	4	4	4	4	4	4	4	4	4	5	5	5
	"E"	4	4	4	4	4	4	4	4	4	5	5	5
90"	"A"	4	4	4	4	4	4	4	5	6	5	5	6
	"B"	4	4	4	4	4	4	4	4	4	5	5	5
	"C"	4	4	4	4	4	4	4	4	4	5	5	5
	"D"	4	4	4	4	4	4	4	4	4	5	5	5
	"E"	4	4	4	4	4	4	4	4	4	5	5	5
97-3/4"	"A"	4	4	5	4	4	4	4	5	6	5	6	7
	"B"	4	4	4	4	4	4	4	4	4	5	5	5
	"C"	4	4	4	4	4	4	4	4	4	5	5	5
	"D"	4	4	4	4	4	4	4	4	4	5	5	5
	"E"	4	4	4	4	4	4	4	4	4	5	5	5
108"	"A"	Not Available						5	5	6	6	6	7
	"B"							5	5	5	5	5	5
	"C"							5	5	5	5	5	5
	"D"							5	5	5	5	5	5
	"E"							5	5	5	5	5	5
120"	"A"							5	5	6	6	7	8
	"B"							5	5	5	5	5	6
	"C"							5	5	5	5	5	6
	"D"							5	5	5	5	5	5
	"E"							5	5	5	5	5	5

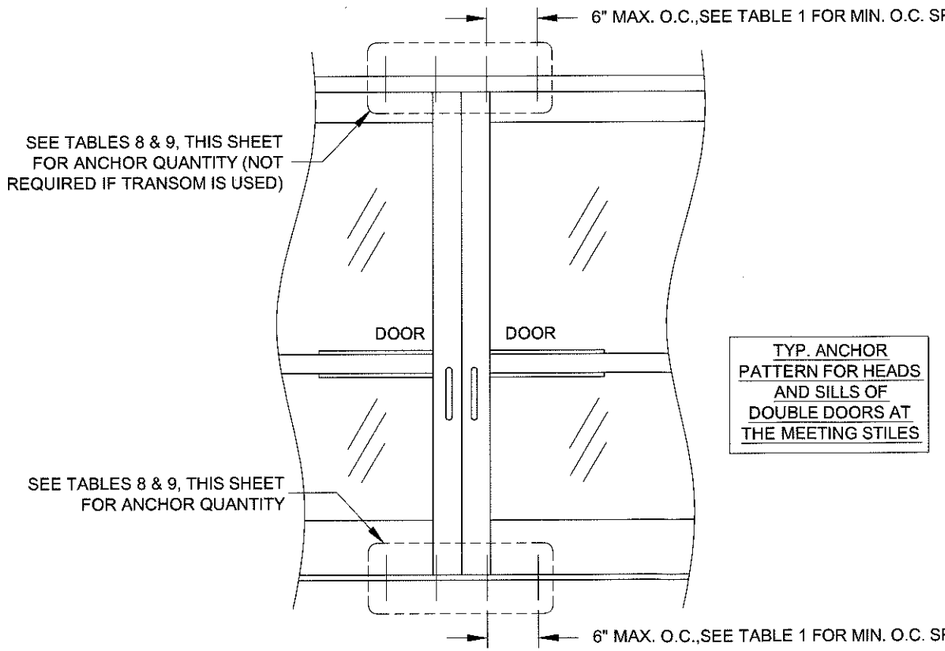
FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.

TABLE 9:

Quantity of Cluster Anchors Required at the Head & Sill of Double Doors — Shim Thickness: 1/2"

Overall Height	Installed with Anchor Group:	Glass Type: A & D			Glass Type: B & E			Glass Type: C & F					
		Door Frame Width			Door Frame Width			Door Frame Width					
		48"	60"	75-1/2"	48"	60"	75-1/2"	48"	60"	75-1/2"	80"	88"	99-1/2"
78"	"A"	4	4	5	4	4	5	5	6	7	6	7	8
	"B"	4	4	5	4	4	5	5	6	7	6	7	8
	"C"	4	4	4	4	4	4	4	4	5	5	5	6
	"D"	4	4	4	4	4	4	4	4	4	5	5	5
	"E"	4	4	4	4	4	4	4	4	4	5	5	5
84"	"A"	4	5	6	4	4	5	5	6	7	7	7	8
	"B"	4	5	6	4	4	5	5	6	7	7	7	8
	"C"	4	4	4	4	4	4	4	5	6	5	5	6
	"D"	4	4	4	4	4	4	4	4	4	5	5	5
	"E"	4	4	4	4	4	4	4	4	4	5	5	5
90"	"A"	4	5	6	4	4	5	5	6	8	7	8	9
	"B"	4	5	6	4	4	5	5	6	8	7	8	9
	"C"	4	4	5	4	4	4	4	5	6	5	6	6
	"D"	4	4	4	4	4	4	4	4	5	5	5	5
	"E"	4	4	4	4	4	4	4	4	4	5	5	5
97-3/4"	"A"	4	5	7	4	5	6	6	7	9	8	8	9
	"B"	4	5	7	4	5	6	6	7	9	8	8	9
	"C"	4	4	5	4	4	4	4	5	6	6	6	7
	"D"	4	4	4	4	4	4	4	4	5	5	5	6
	"E"	4	4	4	4	4	4	4	4	4	5	5	5
108"	"A"	Not Available						5	6	8	8	9	10
	"B"							5	6	8	8	9	10
	"C"							5	5	6	6	7	8
	"D"							5	5	5	5	5	6
	"E"							5	5	5	5	5	5
120"	"A"							6	7	9	9	10	11
	"B"							6	7	9	9	10	11
	"C"							5	5	7	7	8	8
	"D"							5	5	5	6	6	7
	"E"							5	5	5	5	5	5

FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.



TYP. ANCHOR PATTERN FOR HEADS AND SILLS OF DOUBLE DOORS AT THE MEETING STILES

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 16-0421.10
Expiration Date Jan. 17, 2018
By Manuel Perez
Miami Dade Product Control

Rev A

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274
(941)-480-1600

PGT® CERT. OF AUTH. #29296

Series	Desc. / Title	Scale	Sheet	DWG No.	Rev.	Date	Drawn By
SE-3550	CLUSTER ANCHORS (DOUBLE DOOR) STOREFRONT ENTRANCE DOOR DETAILS - LM	NTS	8 OF 19	MD-3550.2-LM		03/05/16	J ROSOWSKI

ANTHONY LYNN MILLER LICENSE No. 58705 STATE OF FLORIDA PROFESSIONAL ENGINEER
5/24/16

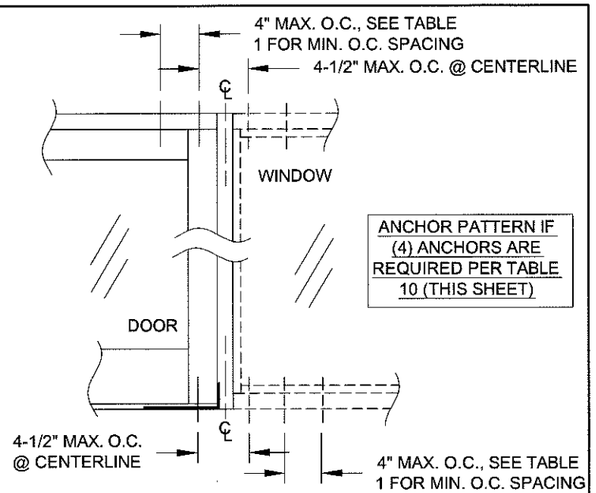
A. LYNN MILLER, P.E.
P.E.# 58705

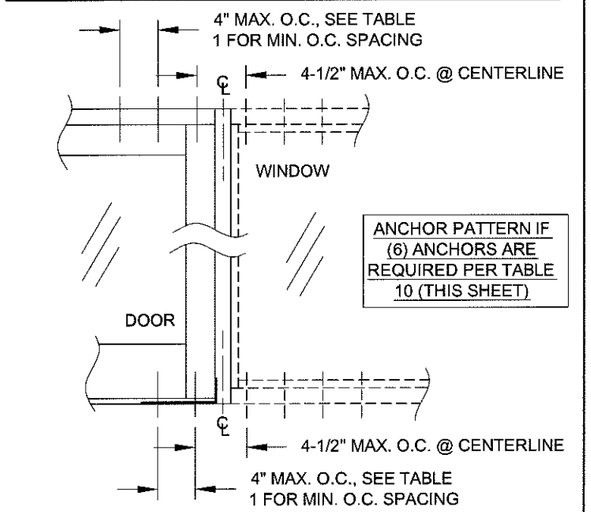
TABLE 10:

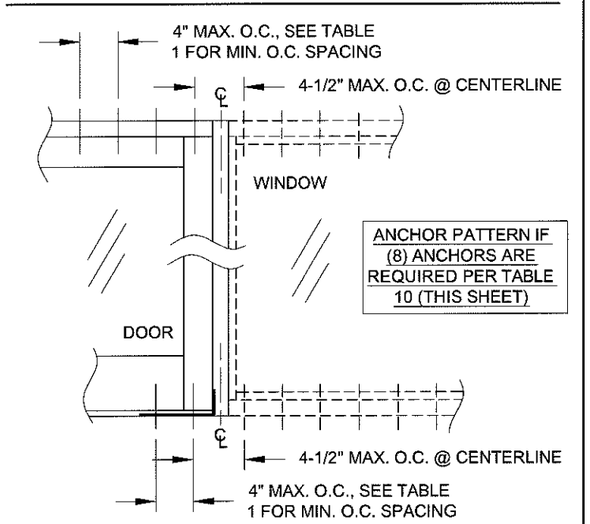
Mullion Anchor Cluster Max. Design Pressure at Head/Sill, (+/- psf) — Shim Thickness: 1/4"

Overall Height	Door + Window Frame Width			Group "A" Anchor			Group "B" Anchor			Group "C" Anchor			Group "D" Anchor			Group "E" Anchor		
	Single Door w/wo Transom:	Double Door without Transom:	Double Door with Transom:	4 Anchors	6 Anchors	8 Anchors	4 Anchors	6 Anchors	8 Anchors	4 Anchors	6 Anchors	8 Anchors	4 Anchors	6 Anchors	8 Anchors	4 Anchors	6 Anchors	8 Anchors
78"	49-3/4"	86-5/8"	60-5/16"	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
	61-3/4"	110-5/8"	76-5/16"	116.5	120	120	120	120	120	120	120	120	120	120	120	120	120	120
	73-3/4"	122-5/8"	92-3/16"	97.1	120	120	120	120	120	120	120	120	120	120	120	120	120	120
	85-3/4"	134-5/8"	104-3/16"	83.2	120	120	120	120	120	120	120	120	120	120	120	120	120	120
	97-3/4"	146-5/8"	116-3/16"	72.8	109.2	120	120	120	120	120	120	120	120	120	120	120	120	120
	109-3/4"	158-5/8"	128-3/16"	64.7	97.1	120	111.8	120	120	106.7	120	120	120	120	120	120	120	120
	121-3/4"	170-5/8"	140-3/16"	58.3	87.4	116.5	100.7	120	120	96.0	120	120	115.0	120	120	120	120	120
84"	49-3/4"	86-5/8"	60-5/16"	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
	61-3/4"	110-5/8"	76-5/16"	108.2	120	120	120	120	120	120	120	120	120	120	120	120	120	120
	73-3/4"	122-5/8"	92-3/16"	90.2	120	120	120	120	120	120	120	120	120	120	120	120	120	120
	85-3/4"	134-5/8"	104-3/16"	77.3	115.9	120	120	120	120	120	120	120	120	120	120	120	120	120
	97-3/4"	146-5/8"	116-3/16"	67.6	101.4	120	116.8	120	120	111.4	120	120	120	120	120	120	120	120
	109-3/4"	158-5/8"	128-3/16"	60.1	90.2	120	103.8	120	120	99.0	120	120	118.6	120	120	120	120	120
	121-3/4"	170-5/8"	140-3/16"	54.1	81.2	108.2	93.5	120	120	89.1	120	120	106.7	120	120	112.7	120	120
90"	49-3/4"	86-5/8"	60-5/16"	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
	61-3/4"	110-5/8"	76-5/16"	101.0	120	120	120	120	120	120	120	120	120	120	120	120	120	120
	73-3/4"	122-5/8"	92-3/16"	84.2	120	120	120	120	120	120	120	120	120	120	120	120	120	120
	85-3/4"	134-5/8"	104-3/16"	72.1	108.2	120	120	120	120	118.9	120	120	120	120	120	120	120	120
	97-3/4"	146-5/8"	116-3/16"	63.1	94.7	120	109.0	120	120	104.0	120	120	120	120	120	120	120	120
	109-3/4"	158-5/8"	128-3/16"	56.1	84.2	112.2	96.9	120	120	92.4	120	120	110.7	120	120	116.9	120	120
	121-3/4"	170-5/8"	140-3/16"	50.5	75.7	101.0	87.2	120	120	83.2	120	120	99.6	120	120	105.2	120	120
97-3/4"	49-3/4"	86-5/8"	60-5/16"	116.2	120	120	120	120	120	120	120	120	120	120	120	120	120	120
	61-3/4"	110-5/8"	76-5/16"	93.0	120	120	120	120	120	120	120	120	120	120	120	120	120	120
	73-3/4"	122-5/8"	92-3/16"	77.5	116.2	120	120	120	120	120	120	120	120	120	120	120	120	120
	85-3/4"	134-5/8"	104-3/16"	66.4	99.6	120	114.7	120	120	109.4	120	120	120	120	120	120	120	120
	97-3/4"	146-5/8"	116-3/16"	58.1	87.2	116.2	100.4	120	120	95.8	120	120	114.7	120	120	120	120	120
	105-1/16"	153-7/8"	123-1/2"	51.7	77.5	103.3	89.2	120	120	85.1	120	120	101.9	120	120	107.6	120	120
	121-3/4"	170-5/8"	140-3/16"	46.5	69.7	93.0	80.3	120	120	76.6	114.9	120	91.7	120	120	96.8	120	120
108"	49-3/4"	86-5/8"	60-5/16"	105.2	120	120	120	120	120	120	120	120	120	120	120	120	120	120
	61-3/4"	110-5/8"	76-5/16"	84.2	120	120	120	120	120	120	120	120	120	120	120	120	120	120
	73-3/4"	122-5/8"	92-3/16"	70.1	105.2	120	120	120	120	115.6	120	120	120	120	120	120	120	120
	85-3/4"	134-5/8"	104-3/16"	60.1	90.2	120	103.8	120	120	99.0	120	120	118.6	120	120	120	120	120
	97-3/4"	146-5/8"	116-3/16"	52.6	78.9	105.2	90.9	120	120	86.7	120	120	103.8	120	120	109.6	120	120
	109-3/4"	158-5/8"	128-3/16"	46.8	70.1	93.5	80.8	120	120	77.0	115.6	120	92.2	120	120	97.4	120	120
	121-3/4"	170-5/8"	140-3/16"	42.1	63.1	84.2	72.7	109.0	120	69.3	104.0	120	83.0	120	120	87.6	120	120
120"	49-3/4"	86-5/8"	60-5/16"	94.7	120	120	120	120	120	120	120	120	120	120	120	120	120	120
	61-3/4"	110-5/8"	76-5/16"	75.7	113.6	120	120	120	120	120	120	120	120	120	120	120	120	120
	73-3/4"	122-5/8"	92-3/16"	63.1	94.7	120	109.0	120	120	104.0	120	120	120	120	120	120	120	120
	85-3/4"	134-5/8"	104-3/16"	54.1	81.2	108.2	93.5	120	120	89.1	120	120	106.7	120	120	112.7	120	120
	97-3/4"	146-5/8"	116-3/16"	47.3	71.0	94.7	81.8	120	120	78.0	117.0	120	93.4	120	120	98.6	120	120
	105-1/16"	153-7/8"	123-1/2"	42.1	63.1	84.2	72.7	109.0	120	69.3	104.0	120	83.0	120	120	87.6	120	120
	117-1/16"	165-7/8"	135-1/2"	37.9	56.8	75.7	65.4	98.1	120	62.4	93.6	120	74.7	112.1	120	78.9	118.3	120

FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.







PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 16-0421.10
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By Manuel Perez
Miami-Dade Product Control

Rev A

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274
(941)-480-1600

CERT. OF AUTH. #29296

Series	Desc.	Scale	Sheet
SE-3550	STOREFRONT ENTRANCE DOOR DETAILS - LM	NTS	9 OF 19

Title	Drawn By	Date	Rev.
CLUSTER ANCHORS, MULL, 1/4" SHIM	J ROSOWSKI	03/05/16	

DWG No. MD-3550.2-LM

ANTHONY LYNN MILLER
LICENSE
No. 58705
STATE OF FLORIDA
PROFESSIONAL ENGINEER
5/24/16

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

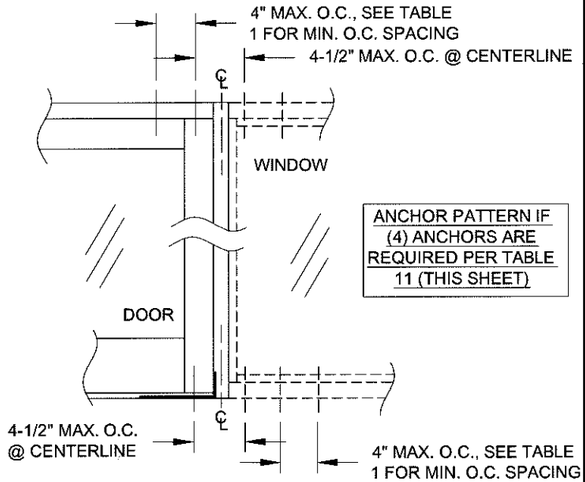
TABLE 11:

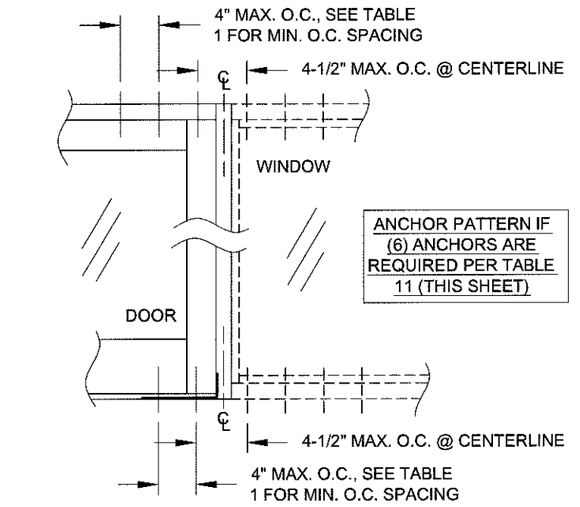
Mullion Anchor Cluster Max. Design Pressure at Head/Sill, (+/- psf)

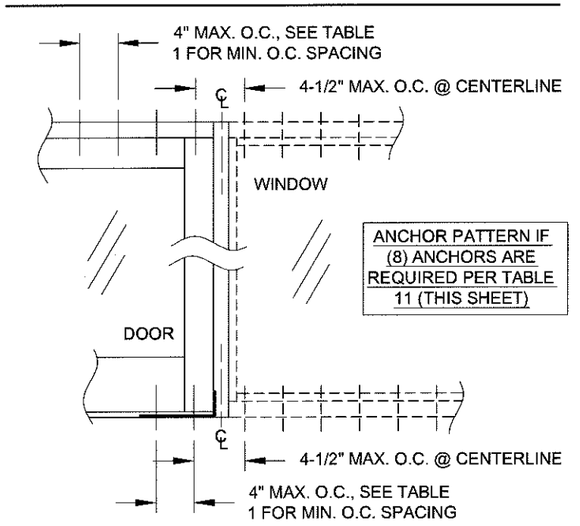
Shim Thickness: 1/2"

Frame Height	Door + Window Frame Width			Group "A" Anchor			Group "B" Anchor			Group "C" Anchor			Group "D" Anchor			Group "E" Anchor		
	Single Door w/wo Transom:	Double Door without Transom:	Double Door with Transom:	4 Anchors	6 Anchors	8 Anchors	4 Anchors	6 Anchors	8 Anchors	4 Anchors	6 Anchors	8 Anchors	4 Anchors	6 Anchors	8 Anchors	4 Anchors	6 Anchors	8 Anchors
78"	49-3/4"	86-5/8"	60-5/16"	117.3	120	120	117.3	120	120	120	120	120	120	120	120	120	120	120
	61-3/4"	110-5/8"	76-5/16"	93.8	120	120	93.8	120	120	120	120	120	120	120	120	120	120	120
	73-3/4"	122-5/8"	92-3/16"	78.2	117.3	120	78.2	117.3	120	106.9	120	120	120	120	120	120	120	120
	85-3/4"	134-5/8"	104-3/16"	67.0	100.5	120	67.0	100.5	120	91.7	120	120	116.8	120	120	120	120	120
	97-3/4"	146-5/8"	116-3/16"	58.6	88.0	117.3	58.6	88.0	117.3	80.2	120	120	102.2	120	120	120	120	120
	109-3/4"	158-5/8"	128-3/16"	52.1	78.2	104.3	52.1	78.2	104.3	71.3	106.9	120	90.9	120	120	120	120	120
	121-3/4"	170-5/8"	140-3/16"	46.9	70.4	93.8	46.9	70.4	93.8	64.2	96.2	120	81.8	120	120	120	120	120
84"	49-3/4"	86-5/8"	60-5/16"	108.9	120	120	108.9	120	120	120	120	120	120	120	120	120	120	120
	61-3/4"	110-5/8"	76-5/16"	87.1	120	120	87.1	120	120	119.2	120	120	120	120	120	120	120	120
	73-3/4"	122-5/8"	92-3/16"	72.6	108.9	120	72.6	108.9	120	99.3	120	120	120	120	120	120	120	120
	85-3/4"	134-5/8"	104-3/16"	62.2	93.4	120	62.2	93.4	120	85.1	120	120	108.5	120	120	120	120	120
	97-3/4"	146-5/8"	116-3/16"	54.5	81.7	108.9	54.5	81.7	108.9	74.5	111.7	120	94.9	120	120	120	120	120
	109-3/4"	158-5/8"	128-3/16"	48.4	72.6	96.8	48.4	72.6	96.8	66.2	99.3	120	84.4	120	120	120	120	120
	121-3/4"	170-5/8"	140-3/16"	43.6	65.3	87.1	43.6	65.3	87.1	59.6	89.4	119.2	75.9	113.9	120	112.7	120	120
90"	49-3/4"	86-5/8"	60-5/16"	101.7	120	120	101.7	120	120	120	120	120	120	120	120	120	120	120
	61-3/4"	110-5/8"	76-5/16"	81.3	120	120	81.3	120	120	111.2	120	120	120	120	120	120	120	120
	73-3/4"	122-5/8"	92-3/16"	67.8	101.7	120	67.8	101.7	120	92.7	120	120	118.1	120	120	120	120	120
	85-3/4"	134-5/8"	104-3/16"	58.1	87.1	116.2	58.1	87.1	116.2	79.4	119.2	120	101.2	120	120	120	120	120
	97-3/4"	146-5/8"	116-3/16"	50.8	76.2	101.7	50.8	76.2	101.7	69.5	104.3	120	88.6	120	120	120	120	120
	109-3/4"	158-5/8"	128-3/16"	45.2	67.8	90.4	45.2	67.8	90.4	61.8	92.7	120	78.7	118.1	120	116.9	120	120
	121-3/4"	170-5/8"	140-3/16"	40.7	61.0	81.3	40.7	61.0	81.3	55.6	83.4	111.2	70.9	106.3	120	105.2	120	120
97-3/4"	49-3/4"	86-5/8"	60-5/16"	93.6	120	120	93.6	120	120	120	120	120	120	120	120	120	120	120
	61-3/4"	110-5/8"	76-5/16"	74.9	112.3	120	74.9	112.3	120	102.4	120	120	120	120	120	120	120	120
	73-3/4"	122-5/8"	92-3/16"	62.4	93.6	120	62.4	93.6	120	85.3	120	120	108.8	120	120	120	120	120
	85-3/4"	134-5/8"	104-3/16"	53.5	80.2	107.0	53.5	80.2	107.0	73.1	109.7	120	93.2	120	120	120	120	120
	97-3/4"	146-5/8"	116-3/16"	46.8	70.2	93.6	46.8	70.2	93.6	64.0	96.0	120	81.6	120	120	120	120	120
	105-1/16"	153-7/8"	123-1/2"	41.6	62.4	83.2	41.6	62.4	83.2	56.9	85.3	113.8	72.5	108.8	120	107.6	120	120
	121-3/4"	170-5/8"	140-3/16"	37.4	56.2	74.9	37.4	56.2	74.9	51.2	76.8	102.4	65.3	97.9	120	96.8	120	120
108"	49-3/4"	86-5/8"	60-5/16"	84.7	120	120	84.7	120	120	115.9	120	120	120	120	120	120	120	120
	61-3/4"	110-5/8"	76-5/16"	67.8	101.7	120	67.8	101.7	120	92.7	120	120	118.1	120	120	120	120	120
	73-3/4"	122-5/8"	92-3/16"	56.5	84.7	112.9	56.5	84.7	112.9	77.2	115.9	120	98.4	120	120	120	120	120
	85-3/4"	134-5/8"	104-3/16"	48.4	72.6	96.8	48.4	72.6	96.8	66.2	99.3	120	84.4	120	120	120	120	120
	97-3/4"	146-5/8"	116-3/16"	42.4	63.5	84.7	42.4	63.5	84.7	57.9	86.9	115.9	73.8	110.7	120	109.6	120	120
	109-3/4"	158-5/8"	128-3/16"	37.6	56.5	75.3	37.6	56.5	75.3	51.5	77.2	103.0	65.6	98.4	120	97.4	120	120
	121-3/4"	170-5/8"	140-3/16"	33.9	50.8	67.8	33.9	50.8	67.8	46.3	69.5	92.7	59.1	88.6	118.1	87.6	120	120
120"	49-3/4"	86-5/8"	60-5/16"	76.2	114.4	120	76.2	114.4	120	104.3	120	120	120	120	120	120	120	120
	61-3/4"	110-5/8"	76-5/16"	61.0	91.5	120	61.0	91.5	120	83.4	120	120	106.3	120	120	120	120	120
	73-3/4"	122-5/8"	92-3/16"	50.8	76.2	101.7	50.8	76.2	101.7	69.5	104.3	120	88.6	120	120	120	120	120
	85-3/4"	134-5/8"	104-3/16"	43.6	65.3	87.1	43.6	65.3	87.1	59.6	89.4	119.2	75.9	113.9	120	112.7	120	120
	97-3/4"	146-5/8"	116-3/16"	38.1	57.2	76.2	38.1	57.2	76.2	52.1	78.2	104.3	66.4	99.7	120	98.6	120	120
	105-1/16"	153-7/8"	123-1/2"	33.9	50.8	67.8	33.9	50.8	67.8	46.3	69.5	92.7	59.1	88.6	118.1	87.6	120	120
	117-1/16"	165-7/8"	135-1/2"	30.5	45.7	61.0	30.5	45.7	61.0	41.7	62.6	83.4	53.2	79.7	106.3	78.9	118.3	120

FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.







PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 16-0421.10
Expiration Date Jan. 17, 2018
By Manuel Perez
Miami Dade Product Control

Rev A

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274
(941)-480-1600

CERT. OF AUTH. #29296

Title:	Drawn By	Rev.	Date
CLUSTER ANCHORS, MULL, 1/2" SHIM	J ROSOWSKI		03/05/16
STOREFRONT ENTRANCE DOOR DETAILS - LM			DWG No. MD-3550.2-LM
Series: SE-3550	Scale: NTS	Sheet: 10 OF 19	

ANTHONY LYNN MILLER
LICENSE
No. 58705
STATE OF FLORIDA
PROFESSIONAL ENGINEER
5/24/16

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

TABLE 12:

Door Jamb Max. Anchor O.C. Spacing — Shim Thickness = 1/4"

Overall Height	Door Frame Width: Single Door w/wo Transom	Door Frame Width: Double Door without Transom	Door Frame Width: Double Door with Transom	Installed with Group "A" Anchors	Installed with Group "B" Anchors	Installed with Group "C" Anchors	Installed with Group "D" Anchors	Installed with Group "E" Anchors
78"	24"	48"	-	18"	18"	18"	18"	18"
	30"	60"	-	16-1/2"	18"	18"	18"	18"
	36"	72"	48"	16-1/2"	18"	16-1/2"	18"	18"
	42"	84"	56"	13-3/16"	18"	13-3/16"	18"	18"
	48"	96"	64"	11"	18"	11"	16-1/2"	18"
	51-1/2"	99-1/2"	72"	9-7/16"	16-1/2"	9-7/16"	16-1/2"	18"
	-	-	75-1/2"	8-1/4"	16-1/2"	9-7/16"	13-3/16"	18"
84"	24"	48"	-	18"	18"	18"	18"	18"
	30"	60"	-	18"	18"	18"	18"	18"
	36"	72"	48"	14-3/8"	18"	14-3/8"	18"	18"
	42"	84"	56"	12"	18"	14-3/8"	18"	18"
	48"	96"	64"	10-5/16"	18"	12"	18"	18"
	51-1/2"	99-1/2"	72"	10-5/16"	18"	10-5/16"	14-3/8"	18"
	-	-	75-1/2"	9"	14-3/8"	9"	14-3/8"	18"
90"	24"	48"	-	18"	18"	18"	18"	18"
	30"	60"	-	18"	18"	18"	18"	18"
	36"	72"	48"	15-5/8"	18"	15-5/8"	18"	18"
	42"	84"	56"	13"	18"	13"	18"	18"
	48"	96"	64"	11-1/8"	18"	11-1/8"	18"	18"
	51-1/2"	99-1/2"	72"	9-3/4"	18"	9-3/4"	15-5/8"	18"
	-	-	75-1/2"	8-11/16"	15-5/8"	9-3/4"	15-5/8"	18"
97-3/4"	24"	48"	-	18"	18"	18"	18"	18"
	30"	60"	-	17-1/8"	18"	18"	18"	18"
	36"	72"	48"	14-5/16"	18"	17-1/8"	18"	18"
	42"	84"	56"	12-1/4"	18"	14-5/16"	18"	18"
	48"	96"	64"	10-3/4"	18"	12-1/4"	17-1/8"	18"
	51-1/2"	99-1/2"	72"	9-1/2"	17-1/8"	10-3/4"	17-1/8"	18"
	-	-	75-1/2"	8-9/16"	17-1/8"	9-1/2"	14-5/16"	18"
108"	24"	48"	-	18"	18"	18"	18"	18"
	30"	60"	-	18"	18"	18"	18"	18"
	36"	72"	48"	16"	18"	16"	18"	18"
	42"	84"	56"	13-11/16"	18"	13-11/16"	18"	18"
	48"	96"	64"	10-11/16"	18"	12"	18"	18"
	51-1/2"	99-1/2"	72"	9-5/8"	18"	10-11/16"	16"	18"
	-	-	75-1/2"	8-3/4"	16"	9-5/8"	13-11/16"	18"
120"	24"	48"	-	18"	18"	18"	18"	18"
	30"	60"	-	18"	18"	18"	18"	18"
	36"	72"	48"	15-7/16"	18"	15-7/16"	18"	18"
	42"	84"	56"	13-1/2"	18"	13-1/2"	18"	18"
	48"	96"	64"	10-13/16"	18"	12"	18"	18"
	51-1/2"	99-1/2"	72"	9-13/16"	18"	10-13/16"	15-7/16"	18"
	-	-	75-1/2"	9"	15-7/16"	9-13/16"	15-7/16"	18"

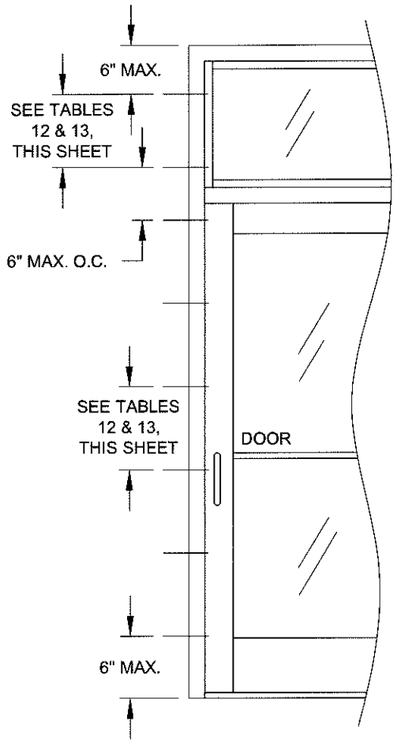
FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.

TABLE 13:

Door Jamb Max. Anchor O.C. Spacing — Shim Thickness = 1/2"

Overall Height	Door Frame Width: Single Door w/wo Transom	Door Frame Width: Double Door without Transom	Door Frame Width: Double Door with Transom	Installed with Group "A" Anchors	Installed with Group "B" Anchors	Installed with Group "C" Anchors	Installed with Group "D" Anchors	Installed with Group "E" Anchors
78"	24"	48"	-	16-1/2"	16-1/2"	18"	18"	18"
	30"	60"	-	13-3/16"	13-3/16"	18"	18"	18"
	36"	72"	48"	11"	11"	16-1/2"	18"	18"
	42"	84"	56"	9-7/16"	9-7/16"	13-3/16"	16-1/2"	18"
	48"	96"	64"	8-1/4"	8-1/4"	11"	16-1/2"	18"
	51-1/2"	99-1/2"	72"	7-5/16"	7-5/16"	9-7/16"	13-3/16"	18"
	-	-	75-1/2"	6-5/8"	6-5/8"	9-7/16"	13-3/16"	18"
84"	24"	48"	-	18"	18"	18"	18"	18"
	30"	60"	-	14-3/8"	14-3/8"	18"	18"	18"
	36"	72"	48"	12"	12"	14-3/8"	18"	18"
	42"	84"	56"	10-5/16"	10-5/16"	14-3/8"	18"	18"
	48"	96"	64"	9"	9"	12"	14-3/8"	18"
	51-1/2"	99-1/2"	72"	8"	8"	10-5/16"	14-3/8"	18"
	-	-	75-1/2"	6-9/16"	6-9/16"	9"	12"	18"
90"	24"	48"	-	18"	18"	18"	18"	18"
	30"	60"	-	15-5/8"	15-5/8"	18"	18"	18"
	36"	72"	48"	11-1/8"	11-1/8"	15-5/8"	18"	18"
	42"	84"	56"	9-3/4"	9-3/4"	13"	18"	18"
	48"	96"	64"	8-11/16"	8-11/16"	11-1/8"	15-5/8"	18"
	51-1/2"	99-1/2"	72"	7-13/16"	7-13/16"	9-3/4"	13"	18"
	-	-	75-1/2"	7-1/16"	7-1/16"	9-3/4"	13"	18"
97-3/4"	24"	48"	-	17-1/8"	17-1/8"	18"	18"	18"
	30"	60"	-	14-1/4"	14-1/4"	18"	18"	18"
	36"	72"	48"	12-3/16"	12-3/16"	17-1/8"	18"	18"
	42"	84"	56"	10-11/16"	10-11/16"	14-1/4"	17-1/8"	18"
	48"	96"	64"	8-9/16"	8-9/16"	12-3/16"	17-1/8"	18"
	51-1/2"	99-1/2"	72"	7-3/4"	7-3/4"	10-11/16"	14-1/4"	18"
	-	-	75-1/2"	7-1/8"	7-1/8"	9-1/2"	12-3/16"	18"
108"	24"	48"	-	18"	18"	18"	18"	18"
	30"	60"	-	13-11/16"	13-11/16"	18"	18"	18"
	36"	72"	48"	12"	12"	16"	18"	18"
	42"	84"	56"	10-11/16"	10-11/16"	13-11/16"	18"	18"
	48"	96"	64"	8-3/4"	8-3/4"	12"	16"	18"
	51-1/2"	99-1/2"	72"	8"	8"	10-11/16"	13-11/16"	18"
	-	-	75-1/2"	6-7/8"	6-7/8"	9-5/8"	12"	18"
120"	24"	48"	-	18"	18"	18"	18"	18"
	30"	60"	-	15-7/16"	15-7/16"	18"	18"	18"
	36"	72"	48"	12"	12"	15-7/16"	18"	18"
	42"	84"	56"	9-13/16"	9-13/16"	13-1/2"	18"	18"
	48"	96"	64"	9"	9"	12"	15-7/16"	18"
	51-1/2"	99-1/2"	72"	7-11/16"	7-11/16"	10-13/16"	13-1/2"	18"
	-	-	75-1/2"	7-3/16"	7-3/16"	9-13/16"	12"	18"

FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.



JAMB ANCHOR PATTERN FOR SINGLE AND DOUBLE DOORS (SHOWN WITH TRANSOM, WITHOUT TRANSOM SIMILAR)

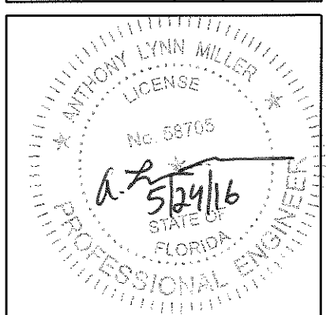
PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 16-0421.10
Expiration Date Jan. 17, 2018
By Manuel Perez
Miami-Dade Product Control

Rev A

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274
(941)-480-1600

CERT. OF AUTH. #29296

Rev.	Date	Drown By	Title	Desc.	Series	Sheet	Scale	DWG No.
	03/05/16	J ROSOWSKI	JAMB ANCHORS	STOREFRONT ENTRANCE DOOR DETAILS - LM	SE-3550	11 OF 19	NTS	MD-3550.2-LM



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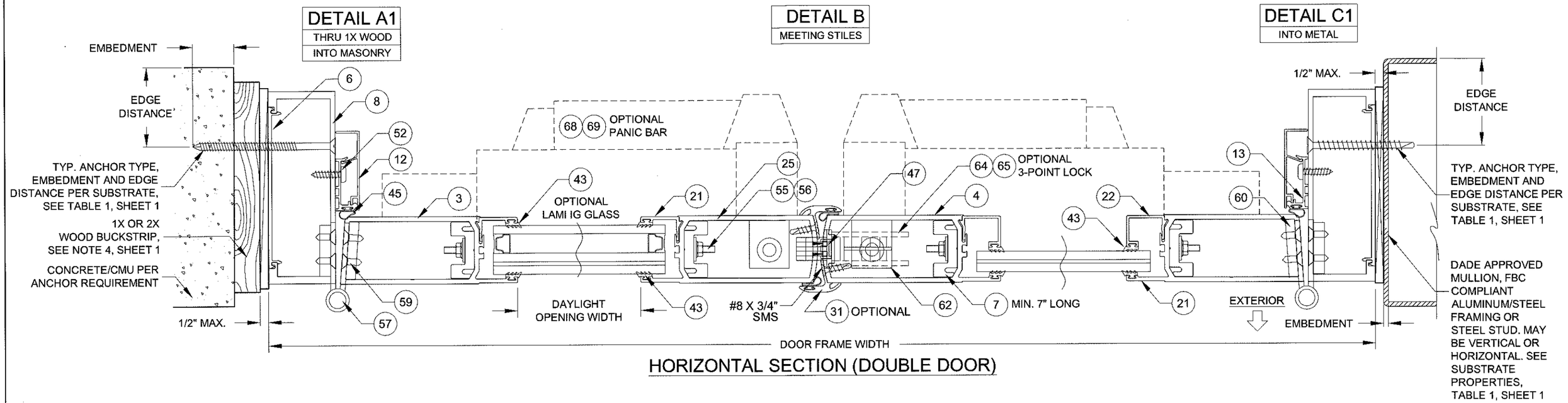
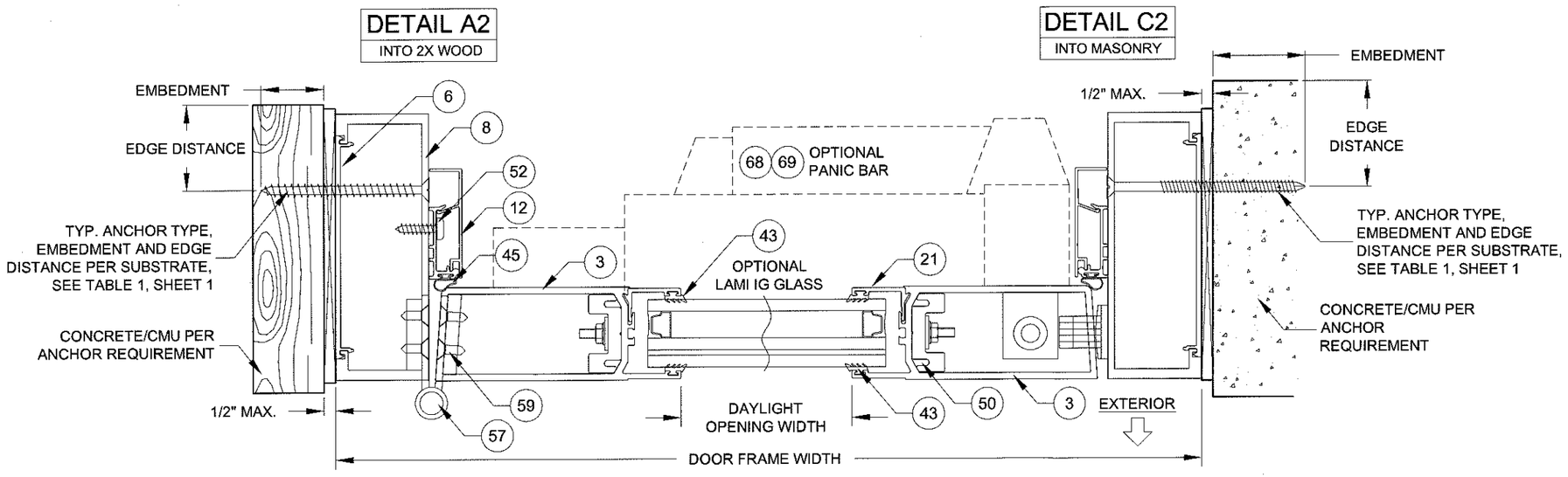
P.E.# 58705



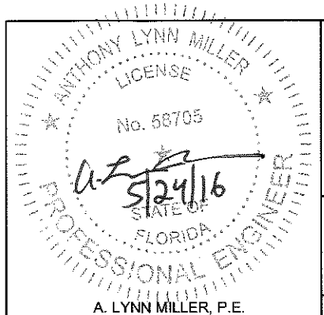
HORIZONTAL SECTION (DOUBLE DOOR)



HORIZONTAL SECTION (SINGLE DOOR)

NOTES:

1. USE ONLY SUBSTRATE APPROPRIATE ANCHORS, FOLLOW EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS PER TABLE 1, SHEET 1. ANY INSTALLATION OPTION SHOWN MAY BE USED. ALL ANCHOR HEAD TYPES ARE ALLOWED.
2. ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. 1X WOOD BUCKS ARE OPTIONAL. UNIT MAY BE INSTALLED DIRECTLY TO SUBSTRATE. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.



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

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274
CERT. OF AUTH. #29296

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 16-0421.10
Expiration Date Jan. 17, 2018
By Manuel Perez
Miami Dade Product Control

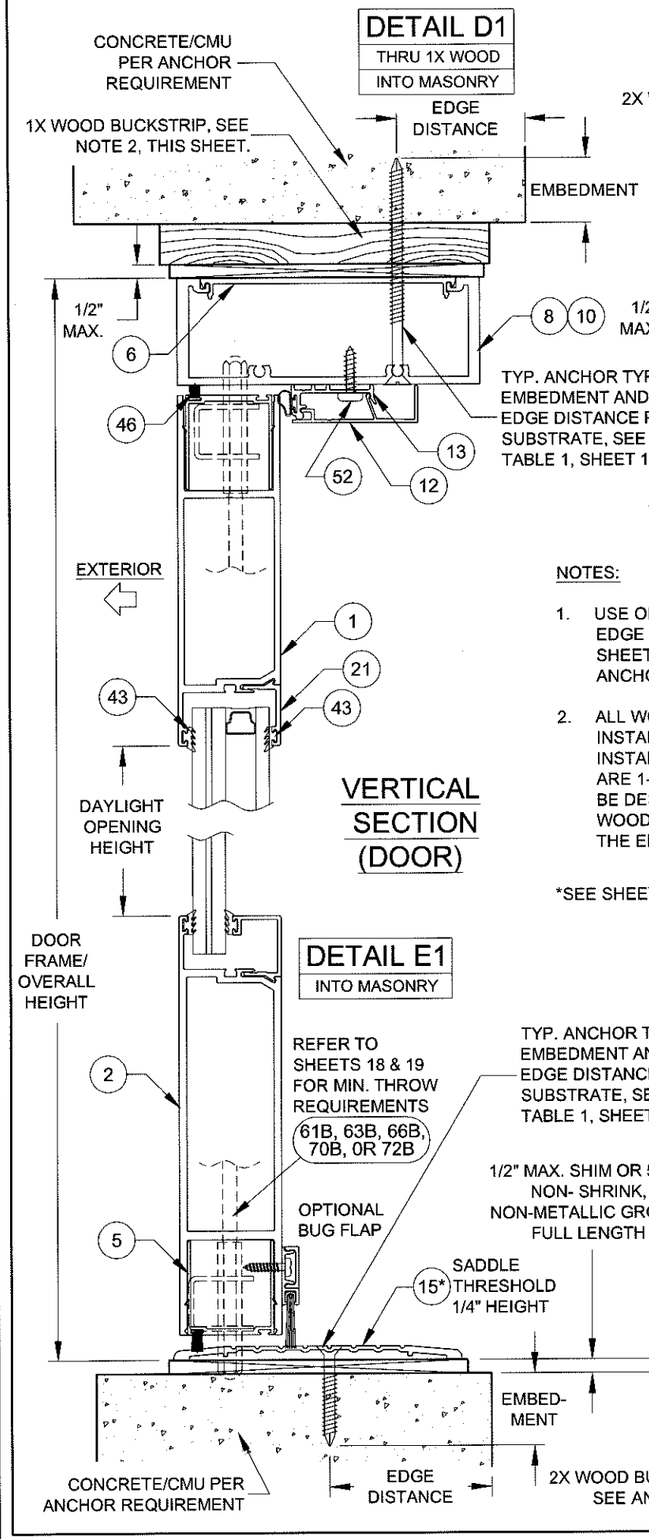
Revised By:	Date:	Revision:
Revised By:	Date:	Revision:

Description:	Drawn By:
HORIZONTAL X-SECTION	J ROSOWSKI

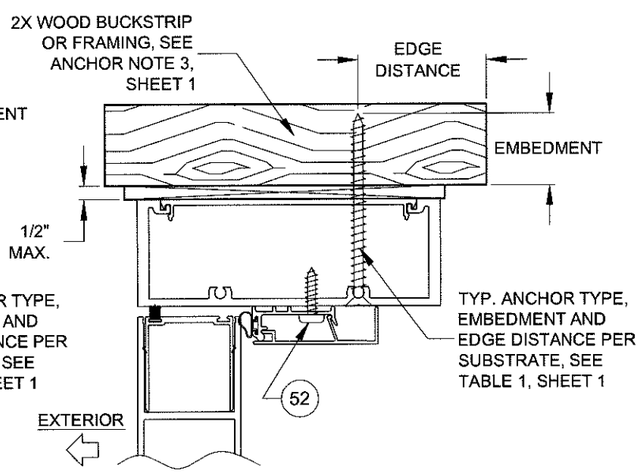
Title:	Date:
STOREFRONT ENTRANCE DOOR DETAILS - LM	03/05/16

Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
SE-3550	NTS	12 OF 19	MD-3550.2-LM	

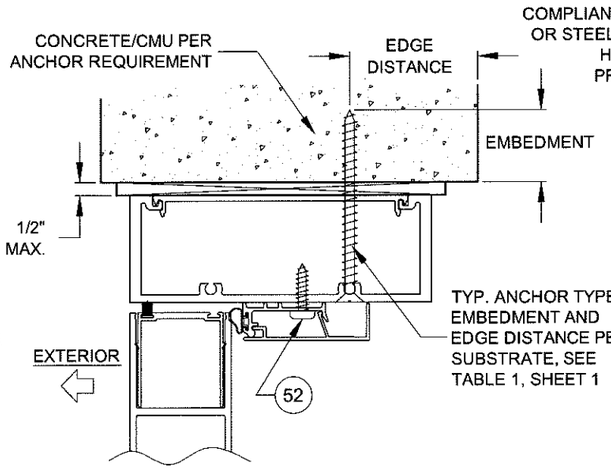
DETAIL D1
THRU 1X WOOD
INTO MASONRY



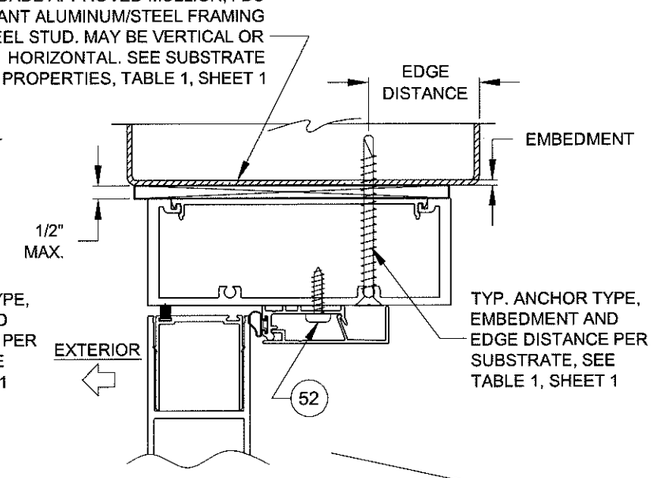
DETAIL D2
INTO WOOD



DETAIL D3
INTO MASONRY



DETAIL D4
INTO METAL



NOTES:

1. USE ONLY SUBSTRATE APPROPRIATE ANCHORS, FOLLOW EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS PER TABLE 1, SHEET 1. ANY INSTALLATION OPTION SHOWN MAY BE USED. ALL ANCHOR HEAD TYPES ARE ALLOWED.

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

*SEE SHEET 17 FOR REQUIRED ATTACHMENT OF THRESHOLD ANGLE

TABLE 14:

Water-Limited (+) DP			
Nominal Sill Height	Part #	Max. (+) DP Allowed	Limitations
1/4" (Saddle Threshold)	15	Not Rated for Water Infiltration	Overhang always required. Not available for Single Door sizes over 39-1/2" x 97-34" or Double Door sizes over 75-1/2" x 97-3/4".
1/2" (ADA Threshold)	14 & 16	+20 psf	Water-limited to a positive Design Pressure of +20.0 psf for Single Door sizes over 39-1/2" x 97-34" or Double Door sizes over 75-1/2" x 97-3/4".
1-1/2"	14 & 17	+50 psf	
3"	14 & 18	+80 psf	

1) IF WATER INFILTRATION RESISTANCE IS REQUIRED, TABLE 14 MUST BE USED TO DETERMINE THE WATER LIMITED (+) DP.

2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR AN OVERHANG IS AS PER FIG 1, ANY THRESHOLD MAY BE USED.

FIG 1: OH LENGTH

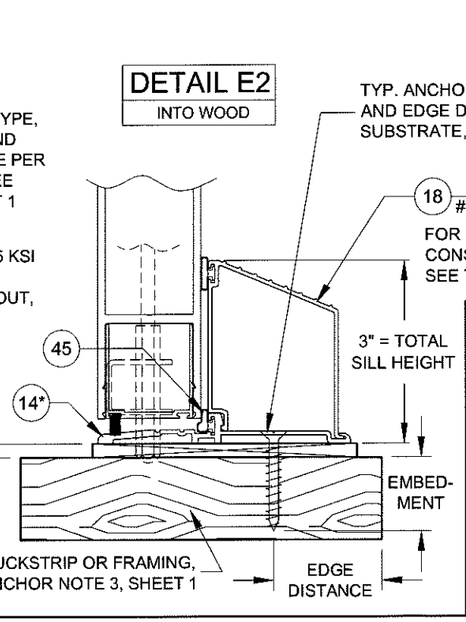
OH HEIGHT

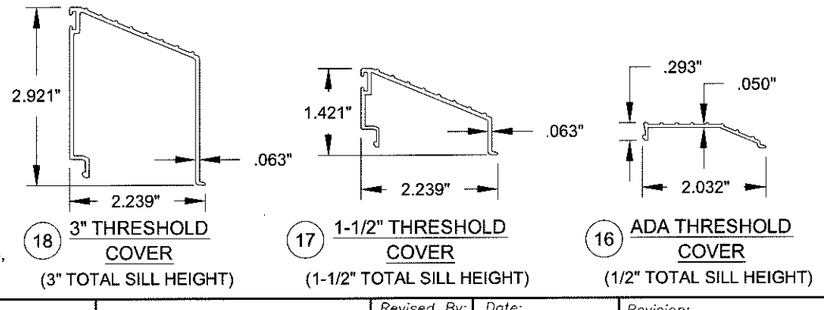
DOOR ASSEMBLIES INSTALLED WHERE THE OVERHANG (OH) LENGTH IS EQUAL TO OR GREATER THAN THE OVERHANG HEIGHT IS EXEMPTED FROM WATER INFILTRATION RESISTANCE.

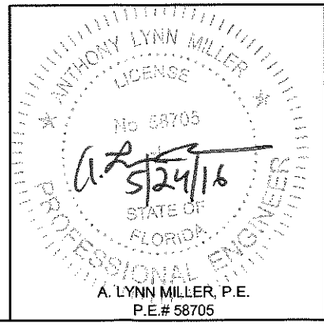
VERTICAL SECTION (DOOR)

DETAIL E1
INTO MASONRY

DETAIL E2
INTO WOOD







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

PGT®

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

CERT. OF AUTH. #29296

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No 16-0421.10
Expiration Date Jan. 17, 2018
By Manuel Perez
Miami-Dade Product Control

Revised By:	Date:	Revision:
Revised By:	Date:	Revision:

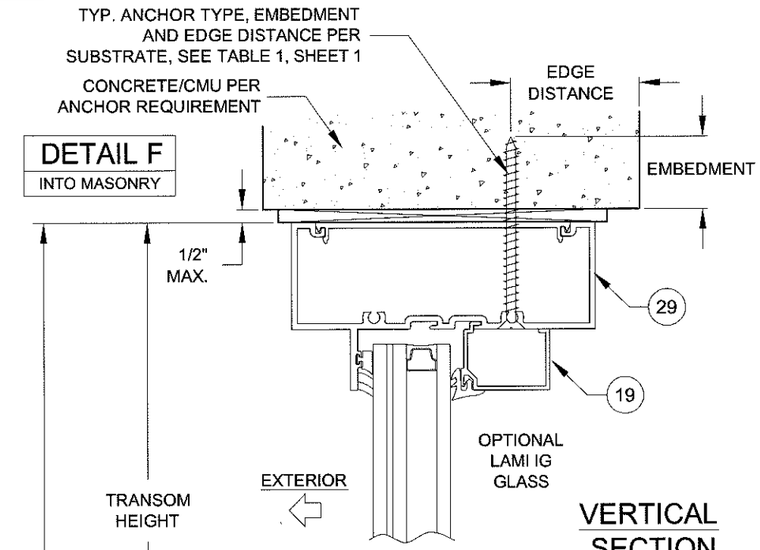
Description: VERTICAL X-SECTION

Drawn By: J ROSOWSKI

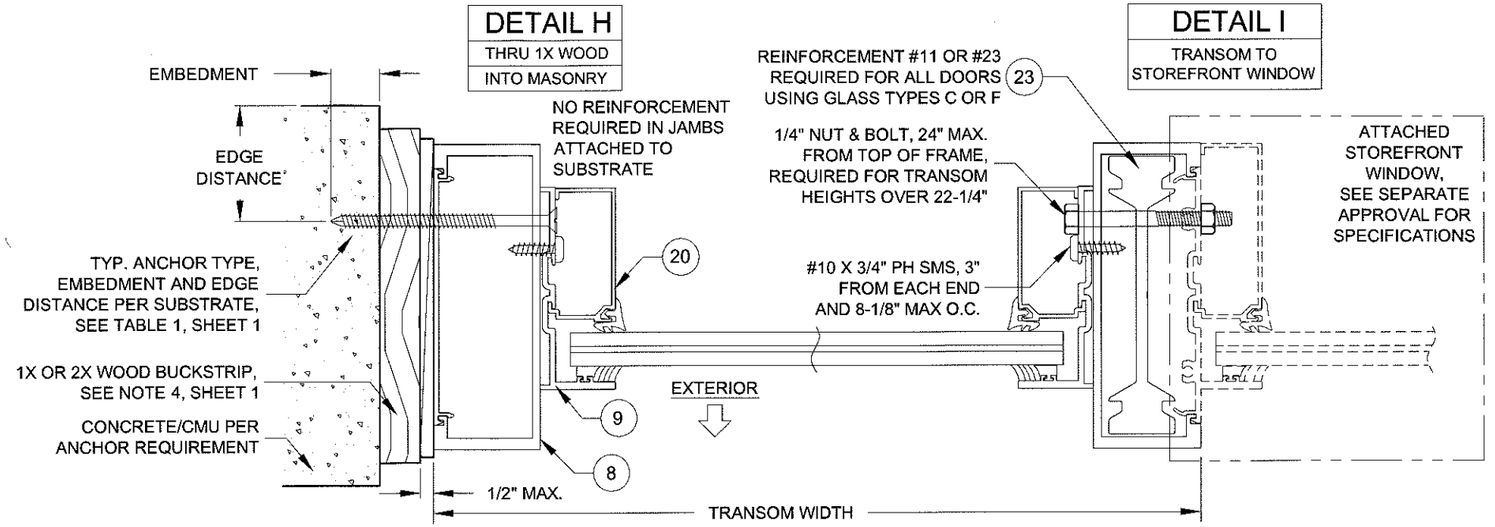
Title: STOREFRONT ENTRANCE DOOR DETAILS - LM

Date: 03/05/16

Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
SE-3550	NTS	13 OF 19	MD-3550.2-LM	

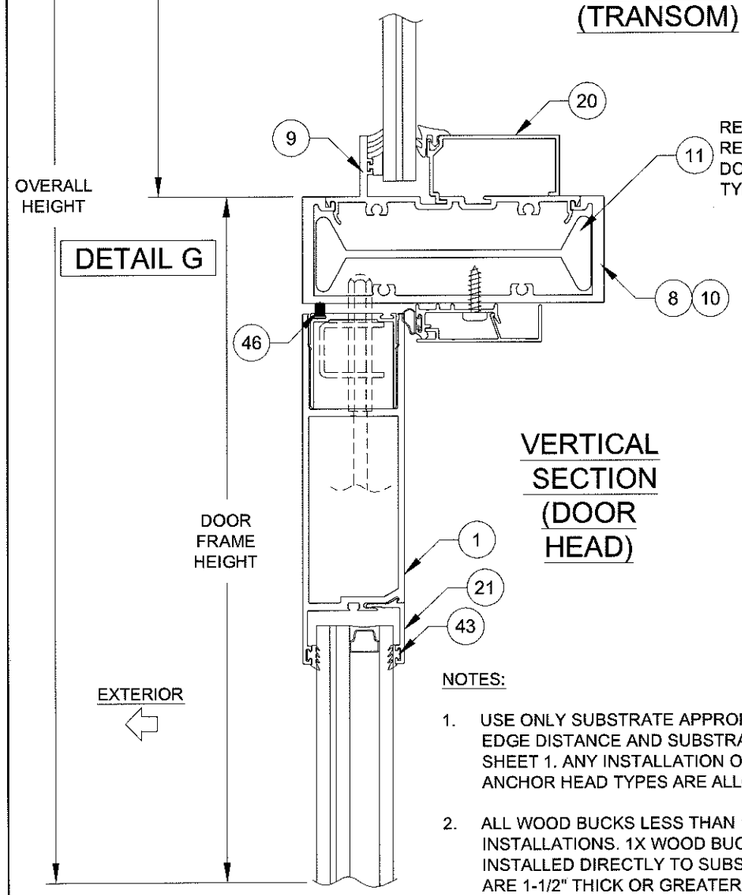


VERTICAL SECTION (TRANSOM)

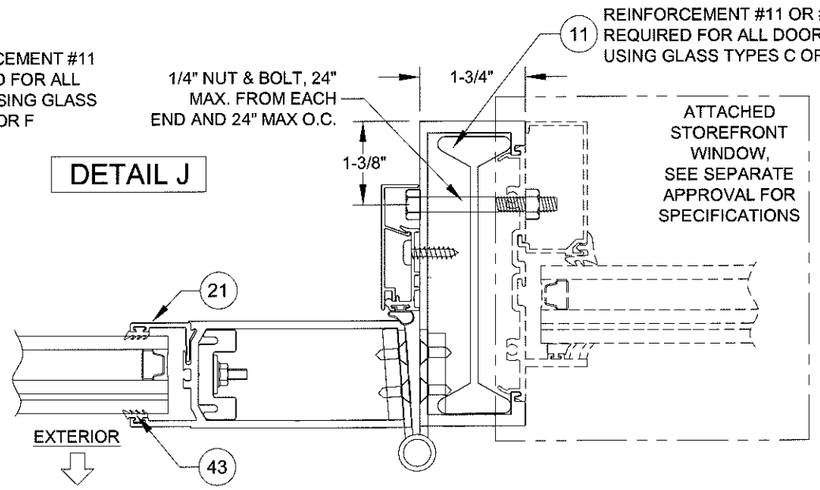


HORIZONTAL SECTION (TRANSOM JAMB)

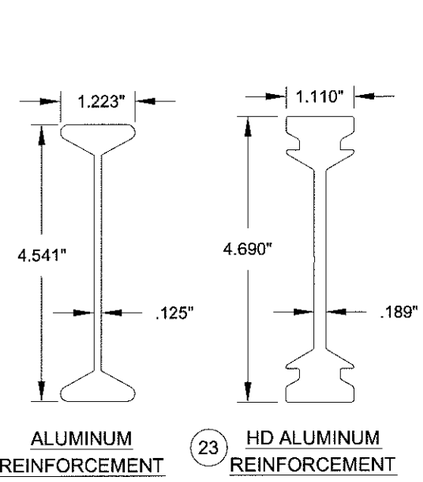
HORIZONTAL SECTION (TRANSOM TO STOREFRONT WINDOW)



VERTICAL SECTION (DOOR HEAD)



HORIZONTAL SECTION (DOOR TO STOREFRONT WINDOW)

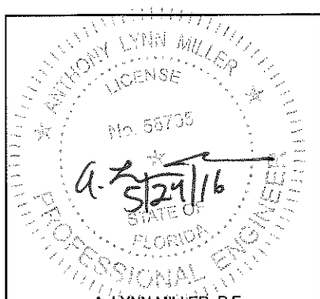


(11) ALUMINUM REINFORCEMENT

(23) HD ALUMINUM REINFORCEMENT

NOTES:

1. USE ONLY SUBSTRATE APPROPRIATE ANCHORS, FOLLOW EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS PER TABLE 1, SHEET 1. ANY INSTALLATION OPTION SHOWN MAY BE USED. ALL ANCHOR HEAD TYPES ARE ALLOWED.
2. ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. 1X WOOD BUCKS ARE OPTIONAL. UNIT MAY BE INSTALLED DIRECTLY TO SUBSTRATE. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.



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

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

CERT. OF AUTH. #29296

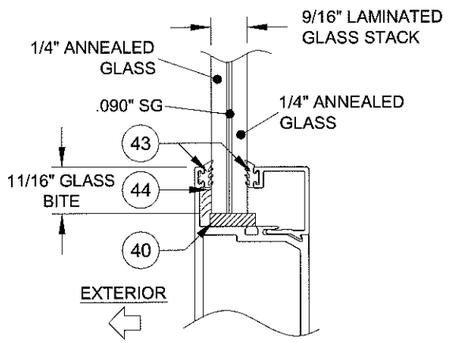
Revised By:	Date:	Revision:
Revised By:	Date:	Revision:

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 16-0421.10
Expiration Date Jan. 17, 2018
By Manuel Perez
Miami-Dade Product Control

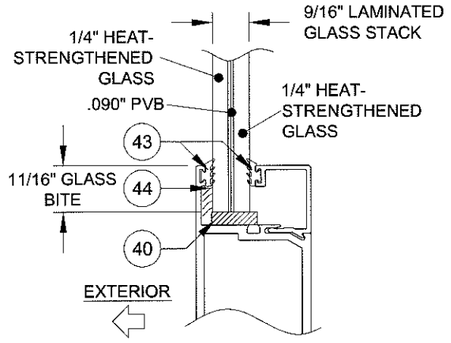
Description:	Drawn By:
TRANSOM X-SECTION	J ROSOWSKI

Title:	Date:
STOREFRONT ENTRANCE DOOR DETAILS - LM	03/05/16

Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
SE-3550	NTS	14 OF 19	MD-3550.2-LM	



GLASS TYPE A



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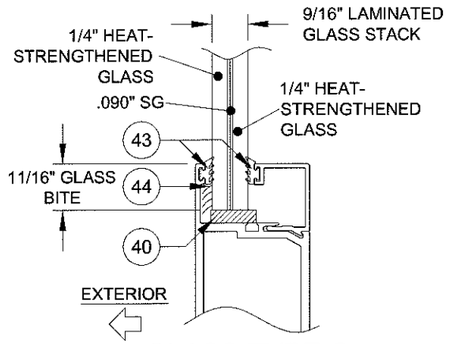
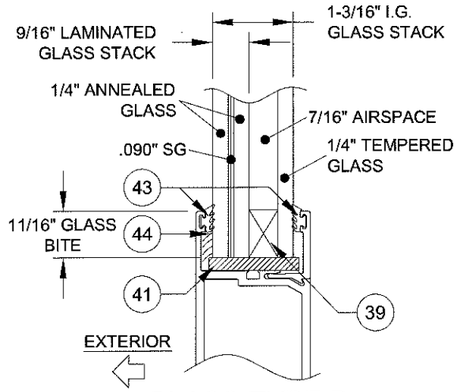
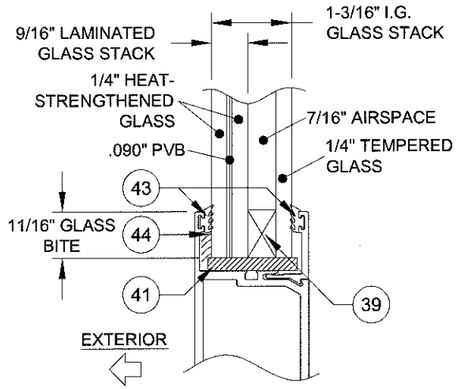


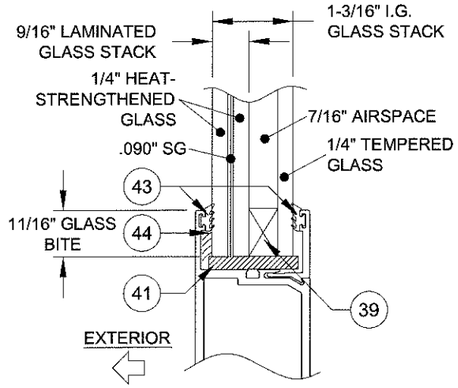
GLASS TYPE C



GLASS TYPE D



GLASS TYPE E



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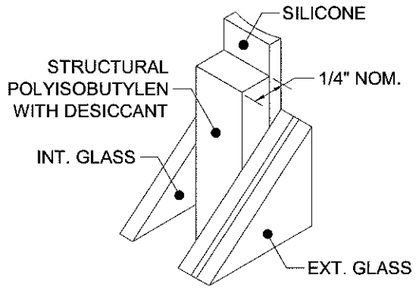
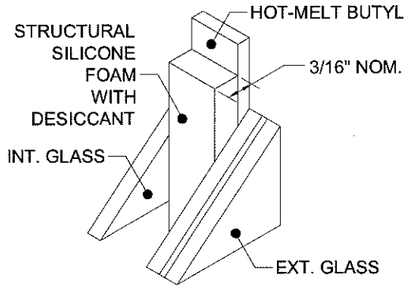
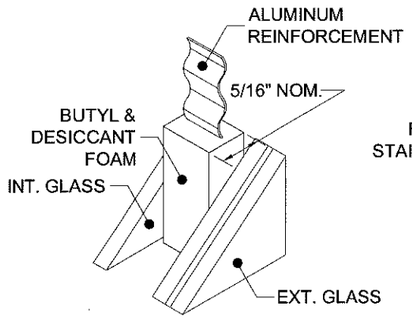


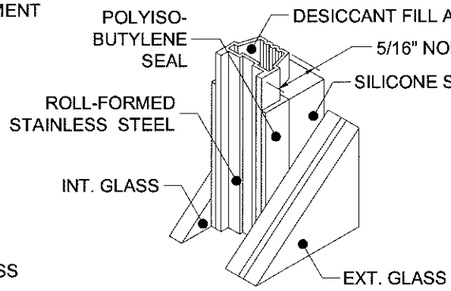
(36) KODISPACE® 4SG TPS



(37) SUPER SPACER® NXT™



(38) DURASEAL® SPACER



(39) XL EDGE™ SPACER

NOTES:
1. GLAZING FOR ALL GLASS TYPES MEETS ASTM E1300 FOR ALL APPROVED DOOR PANEL AND TRANSOM SIZES.

"PVB" = .090" BUTACITE® PVB INTERLAYER BY KURARAY AMERICA, INC.
"SG" = .090" SENTRYGLAS® INTERLAYER BY KURARAY AMERICA, INC.

ANTHONY LYNN MILLER LICENSE No. 58705 STATE OF FLORIDA PROFESSIONAL ENGINEER
5/24/16

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

PGT®

1070 TECHNOLOGY DRIVE
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Expiration Date Jan. 17, 2018
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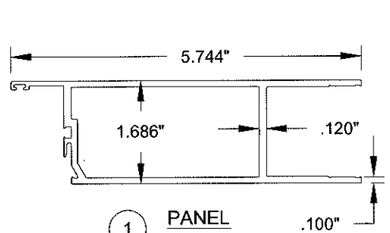
Miami Dade Product Control

Revised By:	Date:	Revision:
Revised By:	Date:	Revision:

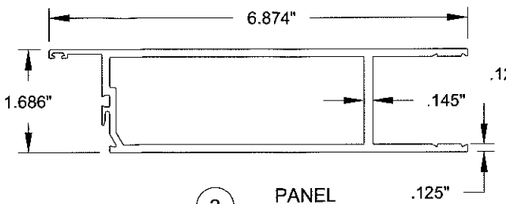
Description: GLAZING DETAILS
Drawn By: J ROSOWSKI
Title: STOREFRONT ENTRANCE DOOR DETAILS - LM
Date: 03/05/16
Series/Model: SE-3550
Scale: NTS
Sheet: 15 OF 19
Drawing No. MD-3550.2-LM
Rev:

TABLE 15:

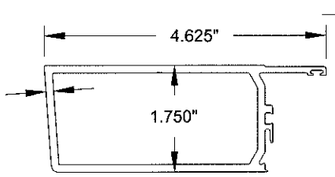
Part #	Drawing #	Description	Material
1	19520A	Panel Top Rail	6063-T6 Alum.
2	19521A	Panel Bottom Rail	6063-T6 Alum.
3	19522A	Panel Stile, Hinge/Active	6063-T6 Alum.
4	19524A	Panel Stile, Hinge/Inactive	6063-T6 Alum.
5	19564	Rail U-channel	6063-T6 Alum.
6	19505	Flat Snap Cover	6063-T6 Alum.
7	19519	Lockstile Backerplate	6063-T6 Alum.
8	19506	Door Jamb/Frame Head	6063-T6 Alum.
9	19507	Transom Base	6063-T6 Alum.
10	19508	Door Head	6063-T6 Alum.
11	19510	Door Jamb Reinforcement	6063-T6 Alum.
12	19534	Door Stop Cover	6063-T6 Alum.
13	19512	Door Stop Base	6063-T6 Alum.
14	19513	Bumper Threshold	6063-T6 Alum.
15	19517	Saddle Threshold	6063-T6 Alum.
16	19514	Threshold Cover ADA	6063-T6 Alum.
17	19515	Threshold Cover 1-1/2"	6063-T6 Alum.
18	19516	Threshold Cover 3"	6063-T6 Alum.
20	19504	Transom bead, 9/16"	6063-T6 Alum.
21	19526	Glazing Leg / Door IG Bead	6063-T6 Alum.
22	19525	Door Bead, 9/16"	6063-T6 Alum.
23	19528	HD Aluminum Reinforcement	6063-T6 Alum.
24	19518	Transom Bead, 1-1/4"	6063-T6 Alum.
25	19523A	Panel Stile, Locking/Active	6063-T6 Alum.
26	19527	Door Shear Block	6063-T6 Alum.
27	19511	Door Narrow Stop Cover	6063-T6 Alum.
28	19502	Transom Glazing Adapter	6063-T6 Alum.
29	19501	Window Frame	6063-T6 Alum.
30	19512x	Door Narrow Stop Base	6063-T6 Alum.
31	19622	Door Astragal	6063-T6 Alum.
36		Kommerling KodiSpace 4SG TPS Spacer System	See Sheet 15 for Materials
37		Quanex Super Spacer nXT with Hot Melt Butyl	
38		Quanex Duraseal	
39		Cardinal XL Edge Spacer	
40	1652	Setting Block 3/16" x 7/16" x 4", Duro = 85 +/-5	EPDM
41	1704	Setting Block 3/16" x 1-3/32" x 4", Duro = 85 +/-5	EPDM
43	13061	Glazing Leg/Bead Weatherstrip, Duro = 65 +/-5	EPDM
44		Silicone Backbedding: Dow 791, 995, GE 7700	
45	19540	.270" x 3/8" Bulb Weatherstrip, Door Stop	Flex PVC 70
46	67924G	.187" x 1/4" Finseal Weatherstrip, U-channel	
47	19542	Active Panel Fin Weatherstrip	
51	712X112HWHSX	#12 x 1-1/2" Hex Washer Screw, Assembly	Stainless Steel
52	710X34PPSDAX	#10 x 3/4" Ph. PH TEK, Door Stop	Stainless Steel
53	78X38FPUX	#8 x 3/8" Ph. FH TEK Screw, Threshold Angle	Stainless Steel
54	714FPT410X	1/4" x 1-1/2" Ph. FH TEK Screw, 410, Shearblock	Stainless Steel
55	18xICBOLT	5/16"-18 x 1" Carriage Bolt, Shearblock	Stainless Steel
56	18NUTX	5/16"-18 Hex Nut, Shearblock	Stainless Steel
57	19535	Hinge, Regent 4001	Stainless Steel
58	19531	Hinge Backing Plate	6063-T6 Alum.
59		#12-24 x 1/2" Ph. FH Screw, Hinge/Backing Plate	Stainless Steel
73	19562	Bugsweep	
74	19530	#6 x 5/8" Ph. PH Screw, Bugsweep	Stainless Steel
75	6651	Threshold Angle, 2" x 5" x 1/8"	6063-T6 Alum.



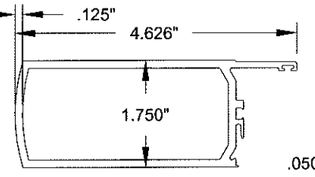
1 PANEL TOP RAIL



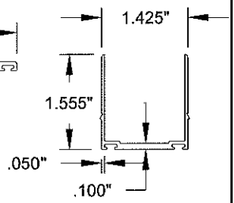
2 PANEL BOTTOM RAIL



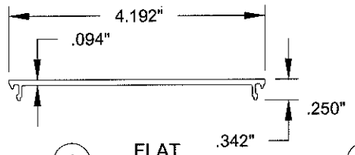
3 PANEL STILE, HINGE



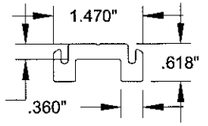
4 PANEL STILE, HINGE/INACTIVE



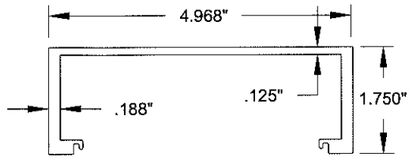
5 RAIL U-CHANNEL



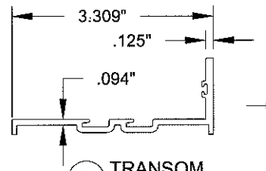
6 FLAT BACKERPLATE



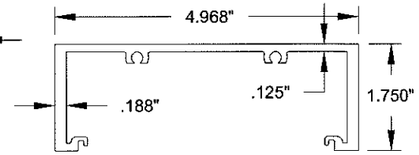
7 LOCKSTILE SNAP COVER



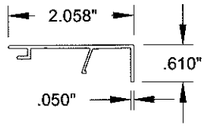
8 DOOR JAMB/ FRAME HEAD



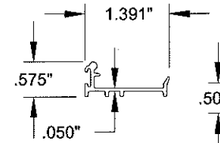
9 TRANSOM BASE



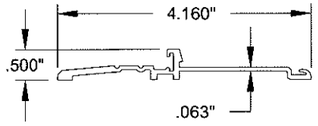
10 DOOR HEAD



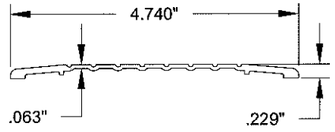
12 DOOR STOP COVER



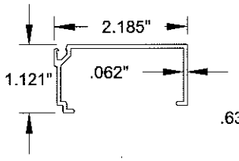
13 DOOR STOP BASE



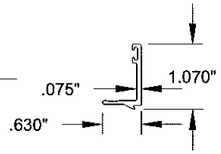
14 BUMPER THRESHOLD



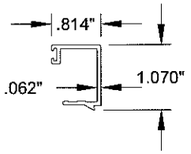
15 SADDLE THRESHOLD



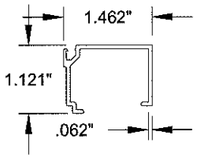
20 TRANSOM BEAD, 9/16"



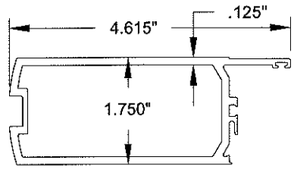
21 GLAZING LEG, IG BEAD



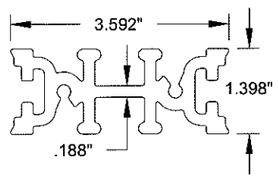
22 DOOR BEAD, 9/16"



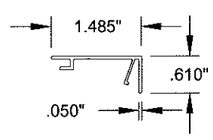
24 TRANSOM BEAD, 1-1/4"



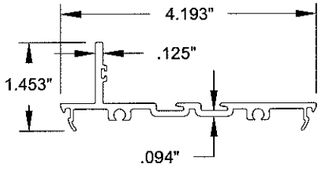
25 PANEL STILE, LOCKING/ACTIVE



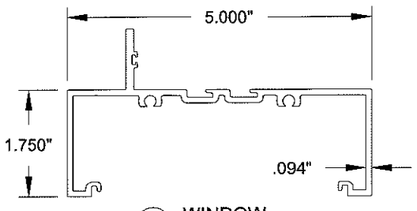
26 DOOR SHEAR BLOCK



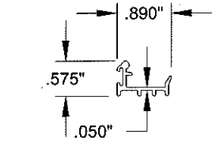
27 DOOR NARROW STOP COVER



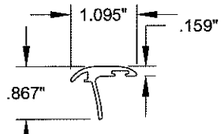
28 TRANSOM GLAZING ADAPTER



29 WINDOW FRAME

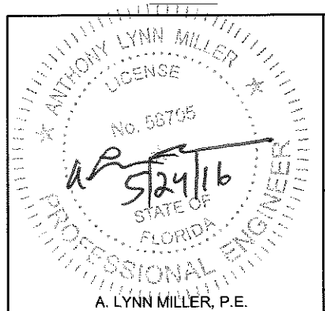


30 DOOR NARROW STOP BASE



31 ASTRAGAL

NOTES:
1. PARTS 19, 32-35, 42 & 48-50 ARE NOT USED AND ARE NOT PART OF THIS APPROVAL.
2. FOR PARTS 60-72, SEE HARDWARE BOM ON SHEET 19.
3. ADDITIONAL EXTRUSIONS ON SHEET 13 (#16 - #18) & SHEET 14 (#11 & #23).



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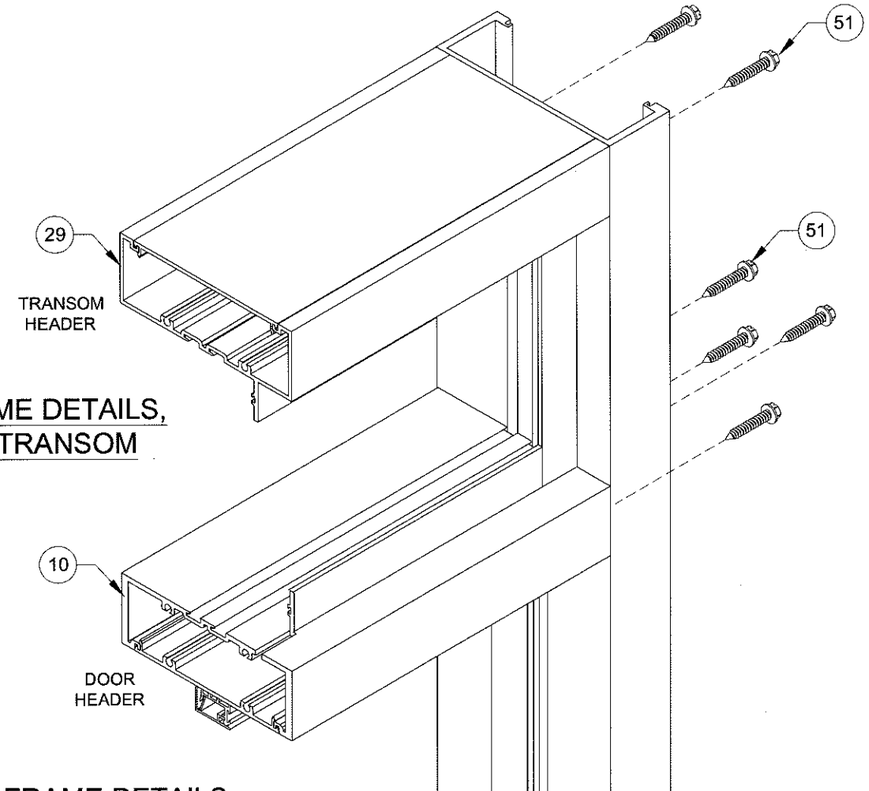
By Manuel Perez
Miami Dade Product Control

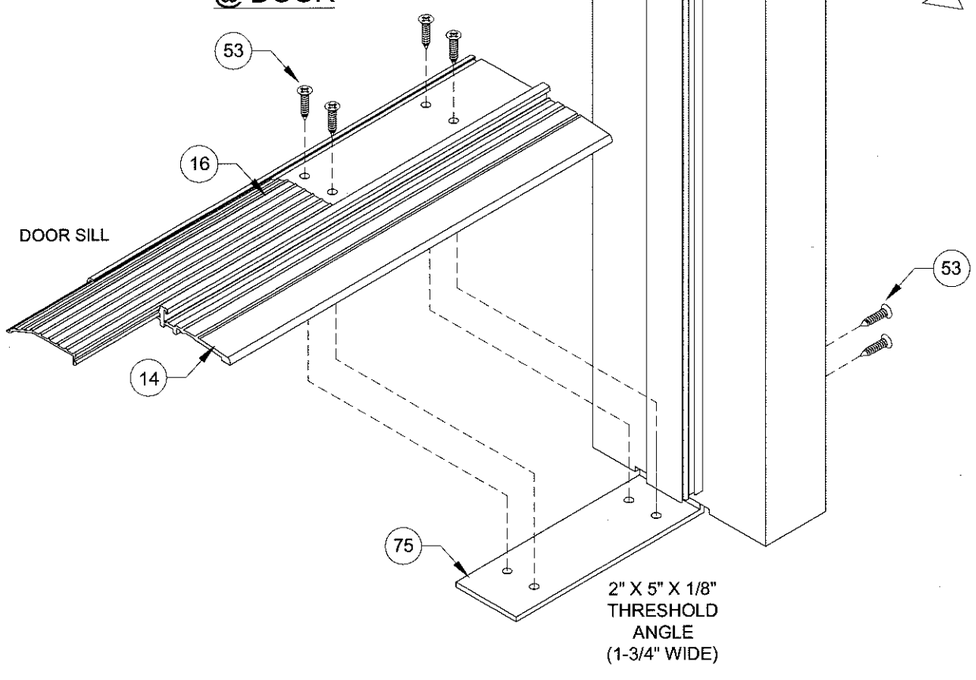
Revised By:	Date:	Revision:
Revised By:	Date:	Revision:

Description: BOM & EXTRUSIONS
Drawn By: J ROSOWSKI
Title: STOREFRONT ENTRANCE DOOR DETAILS - LM
Date: 03/05/16
Series/Model: SE-3550
Scale: NTS
Sheet: 16 OF 19
Drawing No. MD-3550.2-LM
Rev:

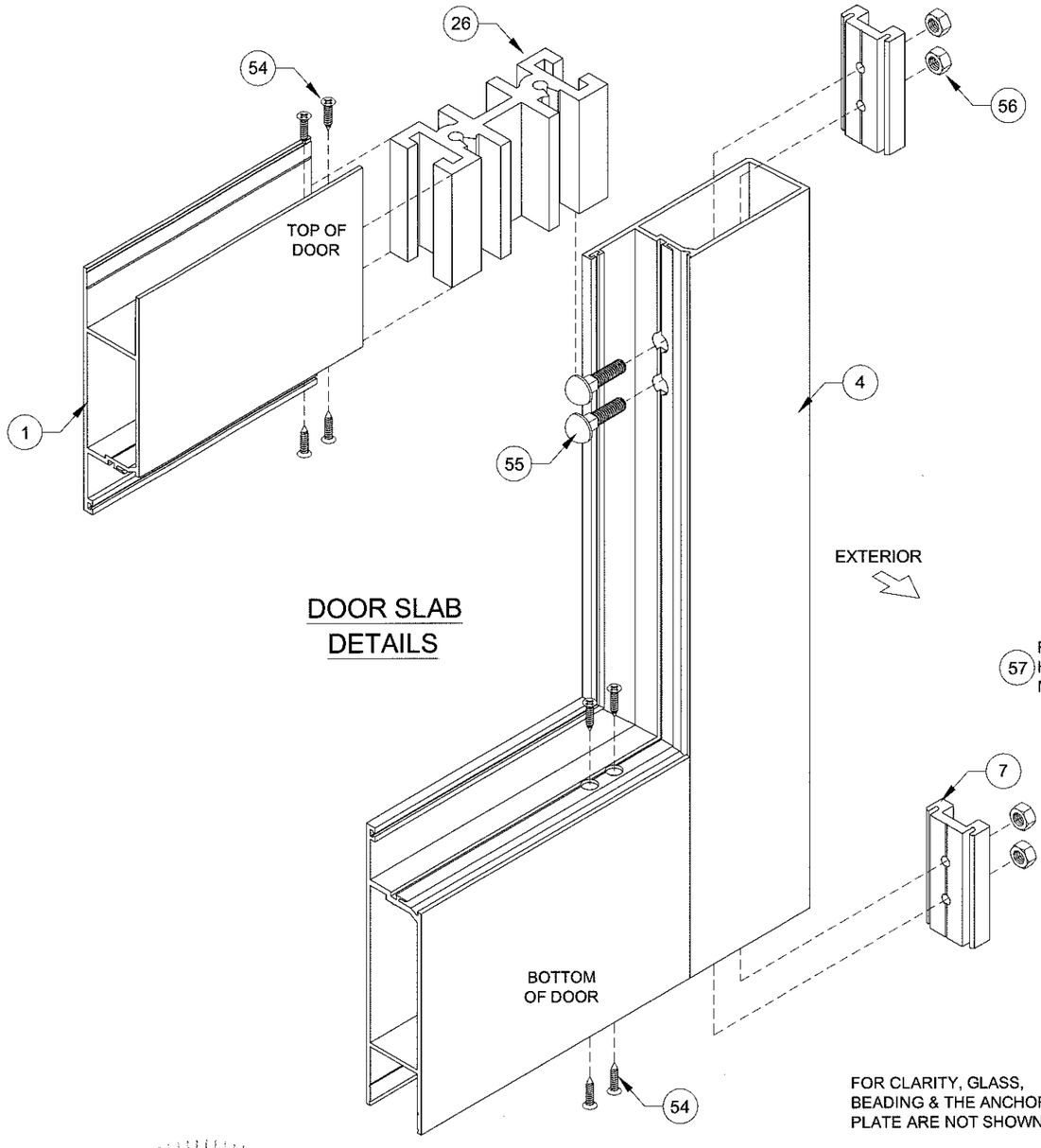
FRAME DETAILS, @ TRANSOM

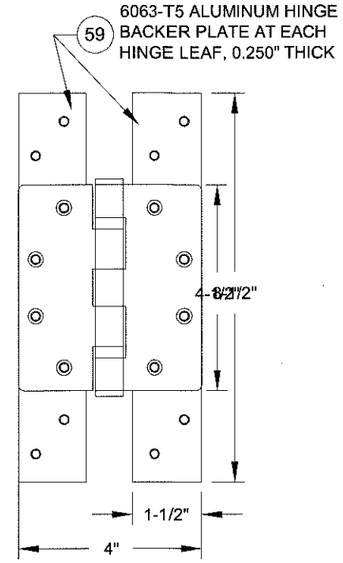


FRAME DETAILS, @ DOOR



DOOR SLAB DETAILS





57 REGENT SERIES 4001 BUTT HINGE, 8" FROM EACH END AND MAX. 26" O.C.; 0.134" THICK

FOR CLARITY, GLASS, BEADING & THE ANCHOR PLATE ARE NOT SHOWN.

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Acceptance No 16-0421.10
Expiration Date Jan. 17, 2018
By Manuel Perez
Miami Dade Product Control

ANTHONY LYNN MILLER LICENSE No. 58705 STATE OF FLORIDA PROFESSIONAL ENGINEER
5/24/16
A. LYNN MILLER, P.E.
P.E.# 58705

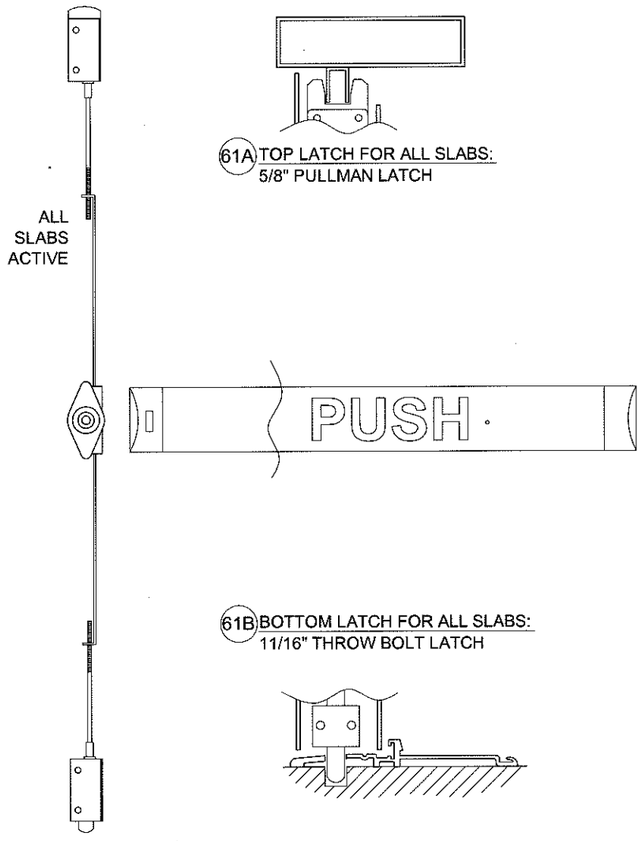
PGT®
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274
CERT. OF AUTH. #29296

Revised By:	Date:	Revision:
Revised By:	Date:	Revision:

Description: CORNER DETAILS
Drawn By: J ROSOWSKI
Title: STOREFRONT ENTRANCE DOOR DETAILS - LM
Date: 03/05/16
Series/Model: SE-3550
Scale: NTS
Sheet: 17 OF 19
Drawing No. MD-3550.2-LM
Rev:

LOCK OPTION #1
(MAX. DP OF +90.0/-120.0)

(60) FOR ALL SLABS:
2-POINT PANIC BAR, ALL SLABS
REGENT SERIES 5770
OPT. KEY OPERATED ON EXT.
OPT. KEY/THUMB-TURN ON INT.

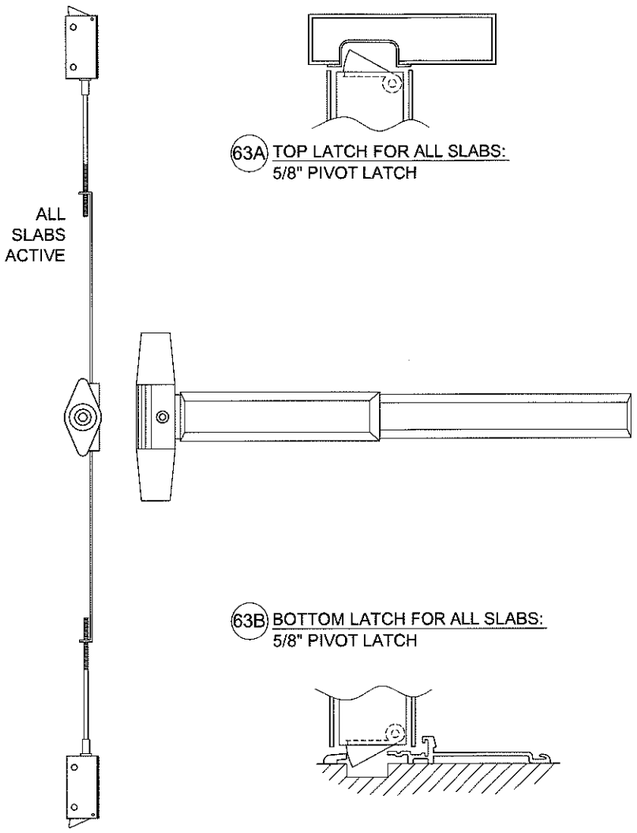


(61A) TOP LATCH FOR ALL SLABS:
5/8" PULLMAN LATCH

(61B) BOTTOM LATCH FOR ALL SLABS:
11/16" THROW BOLT LATCH

LOCK OPTION #2
(MAX. DP OF +90.0/-120.0)

(62) LOCK FOR ALL SLABS:
2-POINT PANIC BAR, ALL SLABS
VON DUPRIN SERIES 3347
OPT. KEY OPERATED ON EXT.
OPT. KEY/THUMB-TURN ON INT.



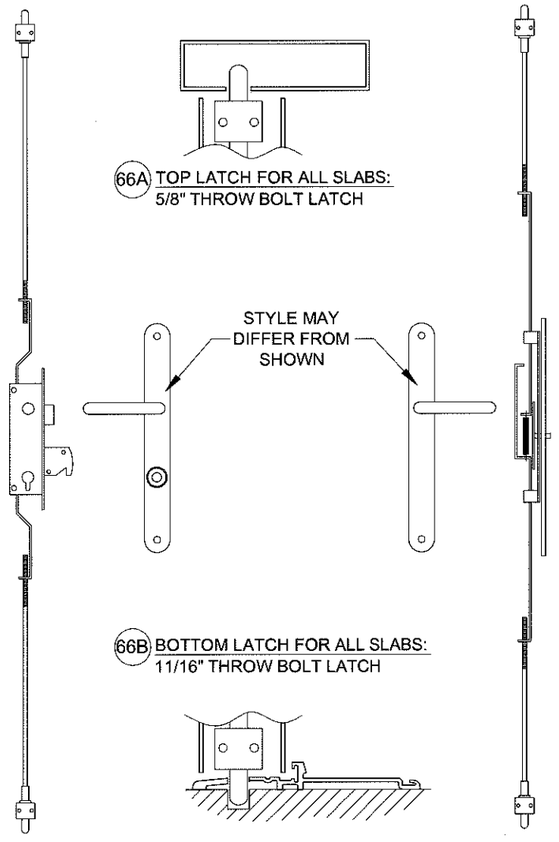
(63A) TOP LATCH FOR ALL SLABS:
5/8" PIVOT LATCH

(63B) BOTTOM LATCH FOR ALL SLABS:
5/8" PIVOT LATCH

LOCK OPTION #3 (RESIDENTIAL)
(MAX. DP OF +90.0/-120.0)

(64) LOCK FOR ACTIVE SLAB:
3-POINT LOCK SYSTEM
REGENT SERIES 206.2-3P
LEVER WITH KEY ON EXT.
LEVER WITH THUMB-TURN ON INT.

(65) LOCK FOR NON-ACTIVE SLAB:
2-POINT LOCK SYSTEM
REGENT SERIES ML207-TT-2PT
INT./EXT. LEVER

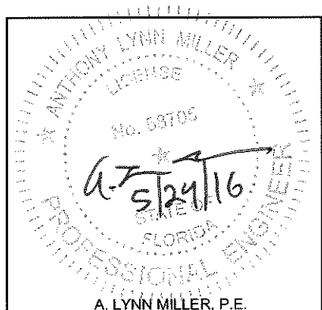


(66A) TOP LATCH FOR ALL SLABS:
5/8" THROW BOLT LATCH

(66B) BOTTOM LATCH FOR ALL SLABS:
11/16" THROW BOLT LATCH

TABLE 16A:

Part #	Lock Option #	Hardware Description
60	1	Panic Bar Hardware Kit, Regent 5770
61A		Top Latch Kit for #60
61B		Bottom Latch Kit for #60
62	2	Panic Bar Hardware Kit, Von Duprin 3347
63A		Top Latch Kit for #62
63B		Bottom Latch Kit for #62
64	3	3-Point Lock Hardware Kit, Regent 206.2
65		2-Point Lock Hardware Kit, Regent ML207
66A		Top Latch Kit for #64 & 65
66B		Bottom Latch Kit for #64 & 65



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Revised By:	Date:	Revision:
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Description: HARDWARE A
Drawn By: J ROSOWSKI
Title: STOREFRONT ENTRANCE DOOR DETAILS - LM
Date: 03/05/16
Series/Model: SE-3550
Scale: NTS
Sheet: 18 OF 19
Drawing No. MD-3550.2-LM
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PRODUCT REVISED
as complying with the Florida
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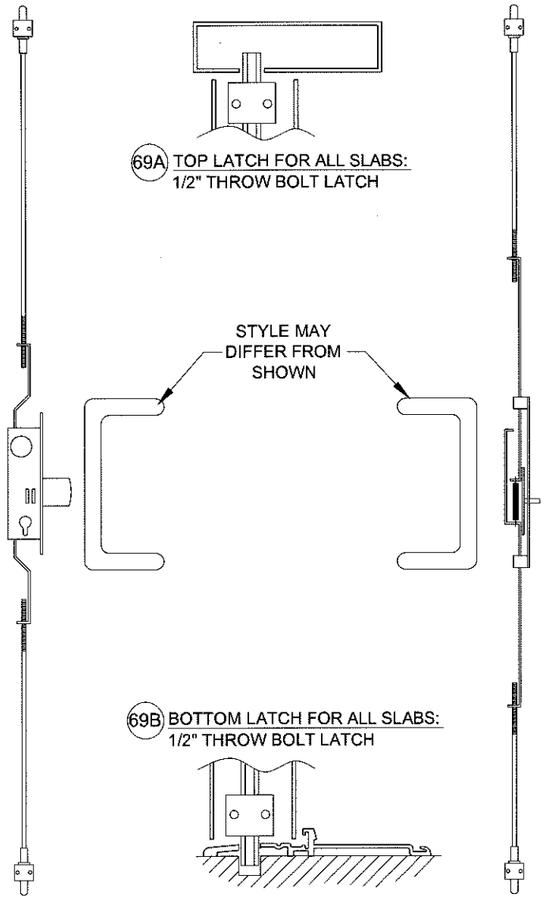
By Miami-Dade Product Control

LOCK OPTION #4 (COMMERCIAL)

(MAX. DP OF +90.0/-120.0)

(67) LOCK FOR ACTIVE SLABS:
3-POINT LOCK SYSTEM
REGENT SERIES 2222
KEY OPERATED ON EXT.
THUMB-TURN ON INT.

(68) LOCK FOR NON-ACTIVE SLABS:
2-POINT LOCK SYSTEM
REGENT SERIES 2-PT-L
KEY OPERATED ON EXT.
THUMB-TURN ON INT.



(69A) TOP LATCH FOR ALL SLABS:
1/2" THROW BOLT LATCH

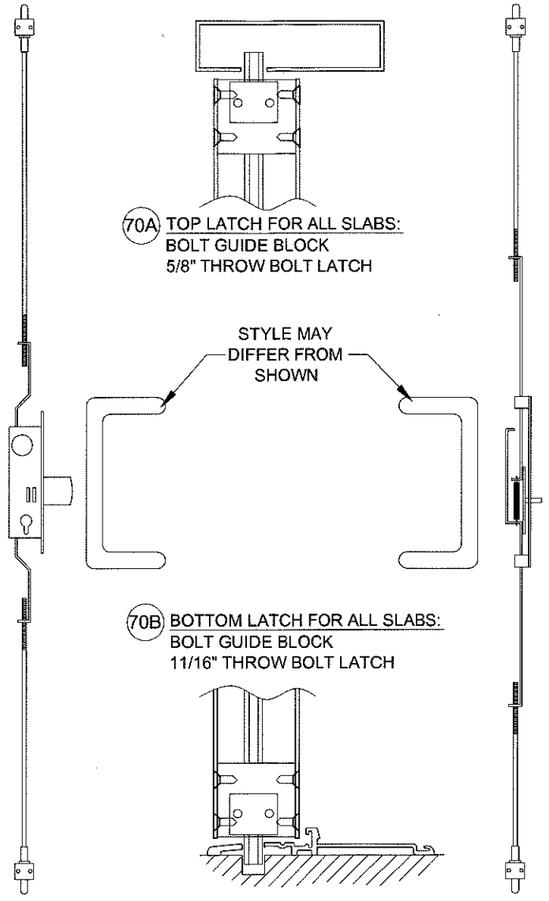
(69B) BOTTOM LATCH FOR ALL SLABS:
1/2" THROW BOLT LATCH

LOCK OPTION #5 (HD COMMERCIAL)

(MAX. DP OF +90.0/-100.0)

(67) LOCK FOR ACTIVE SLABS:
3-POINT LOCK SYSTEM
REGENT SERIES 2222
KEY OPERATED ON EXT.
THUMB-TURN ON INT.

(68) LOCK FOR NON-ACTIVE SLABS:
2-POINT LOCK SYSTEM
REGENT SERIES 2-PT-L
KEY OPERATED ON EXT.
THUMB-TURN ON INT.



(70A) TOP LATCH FOR ALL SLABS:
BOLT GUIDE BLOCK
5/8" THROW BOLT LATCH

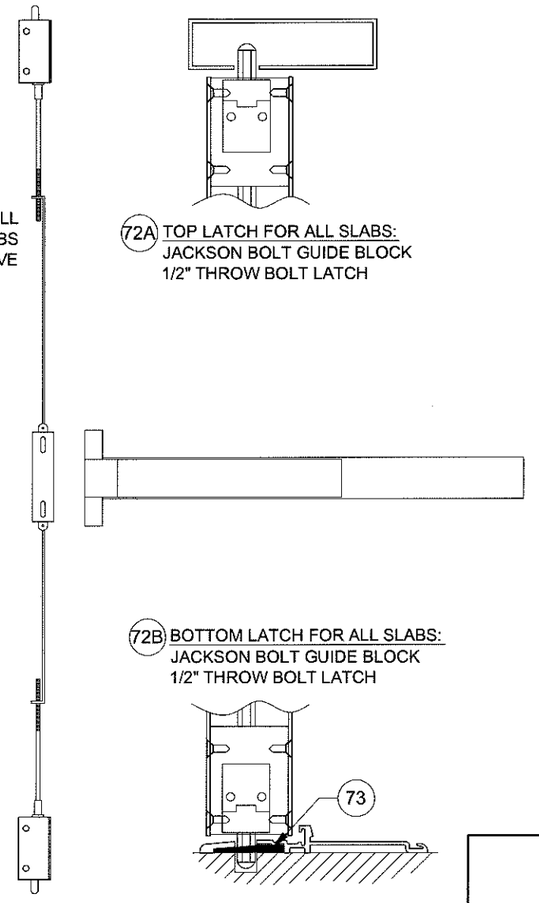
(70B) BOTTOM LATCH FOR ALL SLABS:
BOLT GUIDE BLOCK
11/16" THROW BOLT LATCH

REQUIRED FOR DOOR FRAME HEIGHTS OVER 97-3/4" OR DOOR FRAME WIDTHS OVER 39-1/2" (SINGLE) OR 75-1/2" (DOUBLE).

LOCK OPTION #6

(MAX. DP OF +90.0/-100.0)

(71) LOCK FOR ALL SLABS:
2-POINT PANIC BAR, ALL SLABS
JACKSON SERIES XXXX
OPT. KEY OPERATED ON EXT.
OPT. KEY/THUMB-TURN ON INT.



(72A) TOP LATCH FOR ALL SLABS:
JACKSON BOLT GUIDE BLOCK
1/2" THROW BOLT LATCH

(72B) BOTTOM LATCH FOR ALL SLABS:
JACKSON BOLT GUIDE BLOCK
1/2" THROW BOLT LATCH

REQUIRED FOR DOOR FRAME HEIGHTS OVER 97-3/4" OR DOOR FRAME WIDTHS OVER 39-1/2" (SINGLE) OR 75-1/2" (DOUBLE).

TABLE 16B:

Part #	Lock Option #	Hardware Description
67	4	3-Point Lock Hardware Kit, Regent 2222
68		2-Point Lock Hardware Kit, Regent 2-PT-L
69A		Top Latch Kit for #67 & 68
69B		Bottom Latch Kit for #67 & 68
67	5	3-Point Lock Hardware Kit, Regent 2222
68		2-Point Lock Hardware Kit, Regent 2-PT-L
70A		Top Latch Kit for #67 & 68, with Bolt Guide Block
70B		Bottom Latch Kit for #67 & 68, with Bolt Guide Block
71	6	Panic Bar Hardware Kit, Jackson
72A		Top Latch Kit for #71 with Jackson Bolt Guide Block
72B		Bottom Latch Kit for #71 with Jackson Bolt Guide Block
73		Aluminum Sill Reinforcement Plate, 6"

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Revised By:	Date:	Revision:
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Description: HARDWARE B

Drawn By: J ROSOWSKI

Title: STOREFRONT ENTRANCE DOOR DETAILS - LM

Date: 03/05/16

Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
SE-3550	NTS	19 OF 19	MD-3550.2-LM	

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