



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

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

SCOPE:

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

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

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

DESCRIPTION: Series "FD-101" Outswing Aluminum French Door w/wo Sidelites – Non-Impact

APPROVAL DOCUMENT: Drawing No. **11005-2 Rev H**, titled "Alum French Door & Sidelites, NI", sheets 1 through 15 of 15, prepared by manufacturer, dated 04/04/12 and last revised on 07/19/2023, signed and sealed by Lynn Miller, P.E., bearing the Miami-Dade County Product Control Renewal 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, complying w/ FBC, as applicable are required.

Limitations:

1. Use of Tables 1 or 2 (sheet 2) requires full length reinforcements (item # 22) for OX, XO, XXO, OXX, OXO and OXXO configurations. The lower design pressure from table 1 or table 2 shall control.
2. Standalone X, XX and O configuration unit do not require reinforcement (item #22).
3. Applicable Egress operable doors must comply with min clear width & height per FBC, to be reviewed by AHJ.
4. 1x or 2x buck to be properly secured to sustain imposed load and to be reviewed by AHJ.

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

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

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

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

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

This NOA **revises NOA #22-0608.04** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Sifang Zhao, P.E.**



S. Zhao
08/17/2023

NOA No. 23-0724.03
Expiration Date: August 02, 2027
Approval Date: August 17, 2023
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections (Submitted under files # listed below)
2. Drawing No. **11005-2 Rev F**, titled "Alum French Door & Sidelites, NI", sheets 1 through 15 of 15, prepared by manufacturer, dated 04/04/12 and last revised on 07/27/17, prepared by PGT Industries, signed and sealed by Anthony Lynn Miller, P.E.

B. TESTS

1. Reference Test report on
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94.
 - 4) Forced Entry Test, per FBC 2411 3.2.1 (b) and TAS 202-94.
 - 5) Large Missile Impact Test per FBC, TAS 201-94 (N/A)
 - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94 (N/A)

Along with marked-up drawings and installation diagram of aluminum double French door, prepared by Fenestration Testing Laboratory, Inc., Test Report No(s). **FTL-2612**, dated SEP 07, 2000, signed and sealed by Marlin D. Brinson, P.E

Along with marked-up drawings and installation diagram of aluminum fixed door, prepared by Fenestration Testing Laboratory, Inc., Test Report No(s). **FTL-6864**, dated April 09, 2012, signed and sealed by Aldo P. Gonzalez, P.E.

2. Reference Test report on
 - 1) Uniform Static Air Pressure Test, per FBC, TAS 202-94
 - 2) Large Missile Impact Test per FBC, TAS 201-94(N/A)
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94(N/A)

Along with marked-up drawings and installation diagram of Aluminum Sliding Glass Doors (w/ PS, Super, Cardinal & Duraseal Spacers), prepared by Fenestration Testing Laboratory, Inc., Test Reports No(s) **FTL-8717**, **FTL-8970** and **FTL-8968**, dated 02/15/16, 06/07/16 and 06/20/16, all signed & sealed by Idalmis Ortega, P.E.

(Submitted under NOAs #16-0629.18/#15-0528.25)

3. Test report on
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94.
 - 4) Forced Entry Test, per FBC 2411 3.2.1 (b) and TAS 202-94

Along with marked-up drawings and installation diagram of aluminum out swinging French door w/ sidelites, prepared by Fenestration Testing Laboratory, Inc., Test Report No(s). **FTL-4964**, dated September 09, 2006, signed and sealed by Edmundo Largaespada, P.E. *(Submitted NOAs #15-0528.25/#12-0516.03/#11-1013.21)*

C. CALCULATIONS

1. Anchor verification calculations and structural analysis dated 04/28/17 and last revised on 07/17/17, complying with FBC-217 (6th Edition), prepared by PGT, signed and sealed by Lynn Miller, 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).



Sifang Zhao, P.E.
Product Control Examiner
NOA No. 23-0724.03

Expiration Date: August 02, 2027
Approval Date: August 17, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance to FBC 2017(6th edition) and letter of no financial interest, prepared by PGT, dated 07/17/17, signed and sealed by Lynn Miller, P.E.
2. Statement letter of conformance to FBC 2014(5th edition) and letter of no financial interest, prepared by PGT, dated 05/22/15, signed and sealed by Lynn Miller, P.E. (Submitted under files #15-0528.25)
3. Lab compliance as part of the above referenced test report.

G. OTHER

1. This NOA **revises & renews** NOA # **16-0629.18**, expiring 08/02/22.
2. Test proposal # 16-0152 dated 03/09/16 approved by RER.
3. Test proposal dated Jan. 17, 2007 approved by BCCO.
4. RER e-mail correspondence dated 07-26-17.

2. Evidence submitted under previous approval

A. DRAWINGS

1. Drawing No. **11005-2 Rev G**, titled "Alum French Door & Sidelites, NI", sheets 1 through 15 of 15, prepared by manufacturer, dated 04/04/12 and last revised on 04/20/20, prepared by PGT Industries, signed and sealed by Anthony Lynn Miller, P.E.

B. TESTS

1. Test report on
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Forced Entry Test, per ASTM F588 and TAS 202-94

along with marked-up drawings and installation diagram of all PGT Industries, Inc.

representative units listed below and tested to qualify **Dowsil 791** and **Dowsil 983**

silicones, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.:

FTL-7897, PGT PW5520 PVC Fixed Window (unit 6 in proposal), dated 09/03/14, **FTL-**

20-2107.1, PGT SGD780 Aluminum Sliding Glass Door (unit 7 in proposal) **FTL-20-**

2107.2, PGT CA740 Alum. Outswing Casement Window (unit 8 in proposal) **FTL-20-**

2107.3, PGT PW7620A Aluminum Fixed Window (unit 9 in proposal) and **FTL-20-**

2107.4, PGT PW7620A Aluminum Fixed Window (unit 10 in proposal) dated 07/13/20, all signed and sealed by Idalmis Ortega, P.E

C. CALCULATIONS

1. Anchor verification calculations and structural analysis dated 04/20/20, complying with FBC-2020 (7th Edition), prepared by PGT, signed and sealed by Lynn Miller, P.E.
2. Glazing complies w/ ASTM E-1300-02, -04 -09 & -16.



Sifang Zhao, P.E.

Product Control Examiner

NOA No. 23-0724.03

Expiration Date: August 02, 2027

Approval Date: August 17, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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 2020 (7th edition), and letter of no financial interest, prepared by PGT, dated 04/20/20, signed and sealed by Lynn Miller, P.E.

G. OTHER

1. This NOA **revises** NOA #20-0427.02 and updates to **FBC 2020 (7th Edition)** expiring 08/02/22.
2. RER Test proposals #19-1155 dated 01/10/2020 approved by Ishaq I. Chanda, P.E.

3. New Evidence submitted

A. DRAWINGS

1. Drawing No.11005-2 Rev H, titled “Alum French Door & Sidelites, NI”, sheets 1 through 15 of 15, prepared by manufacturer, dated 04/04/12 and last revised on 07/20/2023, prepared by PGT Industries, signed and sealed by Anthony Lynn Miller, 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 2020 (7th edition)** and **FBC 2023 (8th edition)**, and letter of no financial interest, prepared by PGT, dated 07/20/2023, signed and sealed by Lynn Miller, P.E.

G. OTHER

1. This NOA **revises** NOA #22-0608.04, expiring 08/02/2027.



Sifang Zhao, P.E.
Product Control Examiner
NOA No. 23-0724.03
Expiration Date: August 02, 2027
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SERIES 101 OUTSWING, NON-IMPACT RESISTANT
FRENCH DOOR AND SIDE LITE

- 1) GLAZING OPTIONS: SEE BELOW.
- 2) DESIGN PRESSURES: (SEE TABLES 1-4 ON SHEET 2.
A. NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E 1300.
B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS TABLES ASTM E 1300.
C. DESIGN LOADS ARE BASED ON ALLOWABLE STRESS DESIGN, ASD.
- 3) CONFIGURATIONS: X, O, XX, XO, OX, XXO, OXX, OXO, AND OXXO.
- 4) ANCHORAGE: THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. FOR ANCHORAGE REQUIREMENTS SEE SHEETS 8-11. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FBC, CURRENT EDITION.
- 5) SHUTTERS ARE REQUIRED WHERE IMPACT RESISTANCE IS REQUIRED. SHUTTERS MUST BE MIAMI-DADE COUNTY APPROVED FOR INSTALLATION IN MIAMI-DADE COUNTY.
- 6) SEALANTS: INSTALLATION SCREWS, FRAME AND PANEL CORNERS SEALED WITH CLEAR COLORED SEALANT.
- 7) REFERENCES: TEST REPORT FTL-2612, 4964 & 6864; ELCO ULTRACON NOA, DEWALT ULTRACON+ NOA, ELCO/DEWALT CRETEFLEX NOA, ANSI/AF&PA NDS FOR WOOD CONSTRUCTION, ALUMINUM DESIGN MANUAL
- 8) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 9) DOOR SIZES MUST BE VERIFIED FOR COMPLIANCE WITH EGRESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE. APPLICABLE EGRESS REQUIREMENTS TO BE REVIEWED BY AUTHORITY HAVING JURISDICTION (AHJ).

- INSTRUCTIONS:
- 1) DETERMINE THE DESIGN PRESSURE, DP REQUIREMENT (LBS/FT²) FOR THE OPENING USING THE **ASCE-7 STANDARD**.
- 2) ON SHEET 2, TABLES 1 & 2 REFER TO PRODUCTS THAT ARE REINFORCED. TABLES 3 & 4 REFER TO PRODUCTS THAT ARE UNREINFORCED. DETERMINE THE DESIGN PRESSURE OF YOUR PRODUCT USING THE APPROPRIATE SET OF TABLES. EXAMPLES ARE GIVEN ON SHEET 2. THIS DESIGN PRESSURE NEEDS TO BE HIGHER THAN THE OPENING'S REQUIRED DESIGN PRESSURE FROM STEP 1.
- 3) DETERMINE YOUR ANCHOR GROUP FROM TABLE A, THIS SHEET AND YOUR GLASS TYPES, A OR B, FROM THE GLAZING DETAILS ON THIS SHEET.
- 4) FROM SHEETS 7-13, FIND THE SHEET THAT PERTAINS TO YOUR PRODUCT'S CONFIGURATION AND DETERMINE THE ANCHOR QUANTITIES REQUIRED.
- 5) ANCHORS ARE TO BE INSTALLED USING THE LOCATION GUIDELINES GIVEN IN THE NOTES ON SHEETS 7-13. SHEET 14 & 15 SHOW INSTALLATION CROSS-SECTIONAL DETAILS.

DESIGN PRESSURE RATING	IMPACT RATING
SEE TABLES 1 - 4 ON SHEET 2	NOT RATED FOR IMPACT RESISTANCE

TABLE A:

Anchor Group	Anchor Type	Frame Member	Substrate	Min. Edge Distance	Min. Embedment or Metal Thickness
1	1/4" DeWalt UltraCon+®	All	Concrete (min. 3 ksi)	1-3/4"	1-3/8"
		Jamb	Hollow Block (ASTM C90)	1-3/4"	1-1/4"
2	1/4" 410 SS Elco/DeWalt CreteFlex®	All	Concrete (min. 3.35 ksi)	1-3/4"	1-3/4"
		Jamb	Hollow Block (ASTM C90)	1-3/4"	1-1/4"
		All	Southern Pine (SG = 0.55)	1"	1-3/8"
3	#12 SMS (steel, 18-8 S.S. or 410 S.S.)	All	Southern Pine (SG = 0.55)	9/16"	1-3/8"
		All	6063-T5 Aluminum	3/8"	1/8"
		All	Steel, A36	3/8"	0.060"
		All	Steel Stud, A1003 Gr. 33	3/8"	0.0451" (18 Ga.)

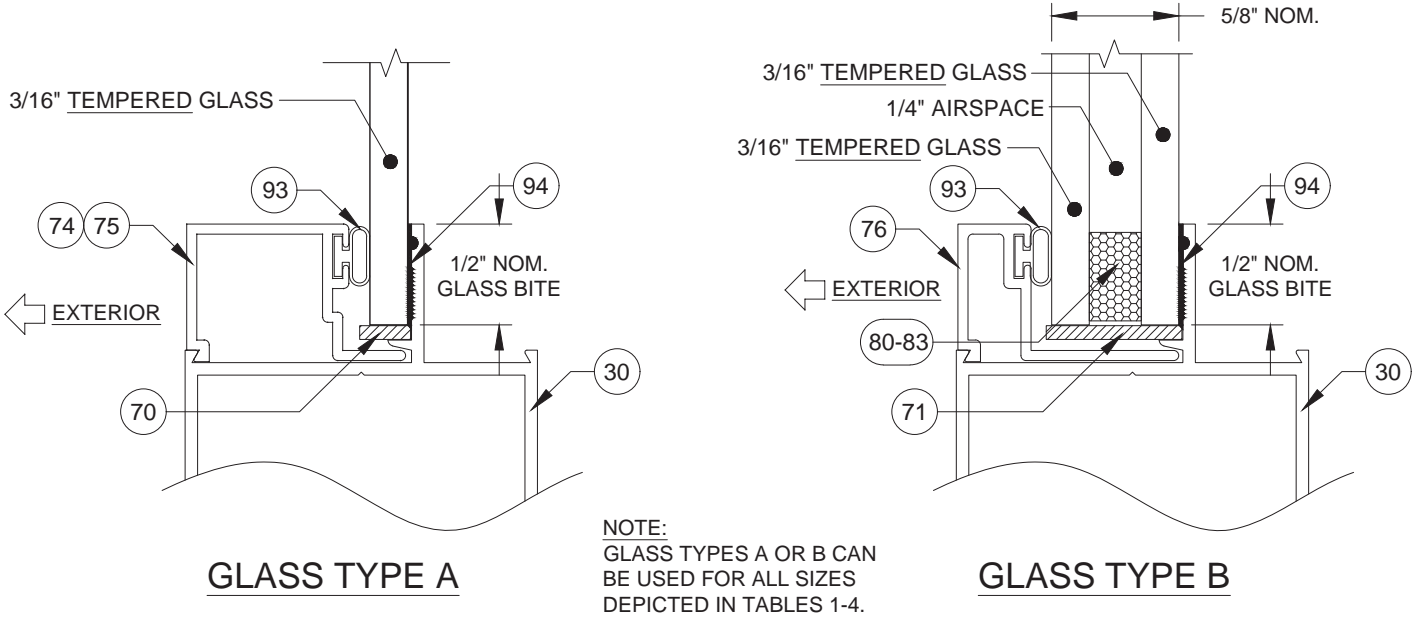
- 1) WHERE SUBSTRATE CONDITIONS REQUIRE ANCHORAGE FROM MORE THAN ONE OF THE ANCHOR GROUPS ABOVE, CHOOSE THE ANCHOR GROUP OF THE LOWEST LETTER FOR ALL TABLES IN THIS APPROVAL.
- 2) ALL ANCHOR HEAD TYPES ARE APPLICABLE.
- 3) MIN. OF 3 THREADS BEYOND METAL SUBSTRATE.
- 4) ALL ANCHOR HEAD TYPES ACCEPTABLE.

CODES / STANDARDS USED:

- 2020 FLORIDA BUILDING CODE (FBC), 7TH EDITION
- 2017 FLORIDA BUILDING CODE (FBC), 6TH EDITION
- ASTM E1300-09
- ANSI/AF&PA NDS-2018 FOR WOOD CONSTRUCTION
- ALUMINUM DESIGN MANUAL, ADM-2015
- AISI S100-16
- AISI 360-16

Material	Min. F _y	Min. F _u
Steel Screw	92 ksi	120 ksi
18-8 Screw	60 ksi	95 ksi
410 Screw	90 ksi	110 ksi
Elco UltraCon®	155 ksi	177 ksi
1/4" DeWalt UltraCon+®	148 ksi	164 ksi
410 SS Elco/Dewalt CreteFlex®	127.4 ksi	189.7 ksi
6063-T5 Aluminum	16 ksi	22 ksi
A36 Steel	36 ksi	58 ksi
Gr. 33 Steel Stud	33 ksi	45 ksi

- GENERAL NOTES..... 1
GLAZING DETAILS..... 1
DESIGN PRESSURES..... 2
VERT. SECTIONS..... 3
HORIZ. SECTIONS..... 4
PARTS LIST..... 5
EXTRUSIONS..... 6
ANCHOR QUANTITY..... 7-13
INSTALLATION..... 14-15



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0724.03
Expiration Date 08/02/2027
By
Miami-Dade Product Control

Revision: D) UPDATED TO 2023
BUILDING CODE.
ULTRACONS REMOVED
FROM TABLE A.
AM - 07/19/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	04/04/12	JENS ROSOWSKI	11005-2
		By			
PGT Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	ALUM. FRENCH DOOR & SIDE LITES (NI) GENERAL NOTES & GLAZING DETAILS	FD101-NI	1 OF 15	Sheet	11005-2

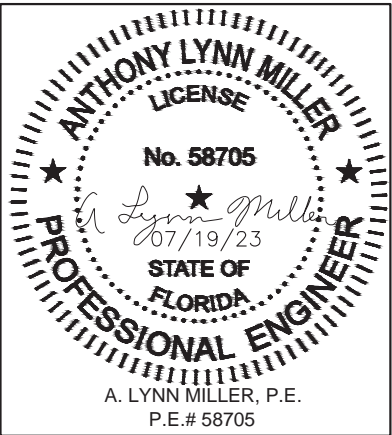


TABLE 1:

DESIGN PRESSURES FOR <u>DOORS</u> , ALL GLASS TYPES												
REINFORCED DOOR TO SIDE LITE OR UNREINFORCED STAND-ALONE DOOR												
CONFIG.	DOOR FRAME WIDTH		DOOR FRAME HEIGHT									
			6 ⁸ - 79 3/4"		7 ⁰ - 83 3/4"		87 3/4"		91 3/4"		8 ⁰ - 95 3/4"	
X	2 ⁰	25 1/2"	+75.0	-112.1	+75.0	-105.8	+75.0	-100.2	+75.0	-95.2	+75.0	-90.7
X		27 1/2"	+75.0	-105.0	+75.0	-99.0	+75.0	-93.7	+75.0	-89.0	+75.0	-84.7
X		29 1/2"	+75.0	-98.9	+75.0	-93.2	+75.0	-88.2	+75.0	-83.7	+75.0	-79.6
X	2 ⁶	31 1/2"	+75.0	-93.7	+75.0	-88.3	+75.0	-83.4	+75.0	-79.1	+75.0	-75.2
X	2 ⁸	33 1/2"	+75.0	-82.3	+75.0	-82.3	+75.0	-79.3	+75.0	-75.1	+71.3	-71.3
X		35 1/2"	+72.9	-72.9	+72.9	-72.9	+72.9	-72.9	+71.6	-71.6	+68.0	-68.0
X	3 ⁰	37 1/2"	+65.0	-65.0	+65.0	-65.0	+65.0	-65.0	+65.0	-65.0	+65.0	-65.0
XX	4 ⁰	47 3/4"	+75.0	-112.1	+75.0	-105.8	+75.0	-100.2	+75.0	-95.2	+75.0	-90.7
XX		51 3/4"	+75.0	-105.0	+75.0	-99.0	+75.0	-93.7	+75.0	-89.0	+75.0	-84.7
XX		55 3/4"	+75.0	-98.9	+75.0	-93.2	+75.0	-88.2	+75.0	-83.7	+75.0	-79.6
XX	5 ⁰	59 3/4"	+75.0	-93.7	+75.0	-88.3	+75.0	-83.4	+75.0	-79.1	+75.0	-75.2
XX	5 ⁴	63 3/4"	+75.0	-82.3	+75.0	-82.3	+75.0	-79.3	+75.0	-75.1	+71.3	-71.3
XX		67 3/4"	+72.9	-72.9	+72.9	-72.9	+72.9	-72.9	+71.6	-71.6	+68.0	-68.0
XX	6 ⁰	71 3/4"	+65.0	-65.0	+65.0	-65.0	+65.0	-65.0	+65.0	-65.0	+65.0	-65.0

TABLE 2:

DESIGN PRESSURES FOR <u>SIDE LITES</u> , ALL GLASS TYPES											
REINFORCED DOOR TO SIDE LITE OR UNREINFORCED STAND-ALONE SIDE LITE											
SIDE LITE FRAME WIDTH	SIDE LITE FRAME HEIGHT										
	6 ⁸ - 79 3/4"		7 ⁰ - 83 3/4"		87 3/4"		91 3/4"		8 ⁰ - 95 3/4"		
10 3/4"	+75.0	-150.0	+75.0	-150.0	+75.0	-150.0	+75.0	-150.0	+75.0	-150.0	-150.0
12 3/4"	+75.0	-150.0	+75.0	-150.0	+75.0	-150.0	+75.0	-150.0	+75.0	-150.0	-150.0
19"	+75.0	-138.5	+75.0	-131.0	+75.0	-124.3	+75.0	-118.3	+75.0	-112.8	-112.8
21 3/4"	+75.0	-123.4	+75.0	-116.6	+75.0	-110.5	+75.0	-105.1	+75.0	-100.1	-100.1
27 3/4"	+75.0	-101.1	+75.0	-95.3	+75.0	-90.2	+75.0	-85.5	+75.0	-81.3	-81.3
36 1/8"	+67.3	-67.3	+67.3	-67.3	+67.3	-67.3	+67.3	-67.3	+65.9	-65.9	-65.9
36 3/4"	+65.0	-65.0	+65.0	-65.0	+65.0	-65.0	+65.0	-65.0	+65.0	-65.0	-65.0

FOR MAX. SIZES OF COMBINED UNITS, SEE SHEETS 10-13.

EXAMPLE 1, (USING TABLE 1): X UNIT WITH GLASS TYPE A, 32" WIDE X 90" HIGH SINGLE DOOR (SEE NOTE 9)

DOOR DESIGN PRESSURE = +75 / -75.1 PSF

EXAMPLE 2, USING TABLES 3 & 4): XO UNIT WITH GLASS TYPE B, UNREINFORCED, 36" WIDE X 84" HIGH SINGLE DOOR WITH 12" X 84" SIDE LITE (SEE NOTE 9)

DOOR DESIGN PRESSURE = +35 / -35 PSF

SIDE LITE DESIGN PRESSURE = +60 / -95.9 PSF

OVERALL DESIGN PRESSURE = +35 / -35 PSF

TABLE 3:

DESIGN PRESSURES FOR <u>DOORS</u> , ALL GLASS TYPES													
UNREINFORCED DOOR TO SIDE LITE													
CONFIG.	DOOR FRAME WIDTH		DOOR FRAME HEIGHT										
			6 ⁸ - 79 3/4"		7 ⁰ - 83 3/4"		87 3/4"		91 3/4"		8 ⁰ - 95 3/4"		
X	2 ⁰	25 1/2"	+60.0	-60.3	+57.0	-57.0	+54.0	-54.0	+51.3	-51.3	+48.8	-48.8	-48.8
X		27 1/2"	+56.5	-56.5	+53.3	-53.3	+50.5	-50.5	+47.9	-47.9	+45.6	-45.6	-45.6
X		29 1/2"	+53.3	-53.3	+50.2	-50.2	+47.5	-47.5	+45.0	-45.0	+42.8	-42.8	-42.8
X	2 ⁶	31 1/2"	+50.5	-50.5	+47.5	-47.5	+44.9	-44.9	+42.6	-42.6	+40.5	-40.5	-40.5
X	2 ⁸	33 1/2"	+44.3	-44.3	+44.3	-44.3	+42.7	-42.7	+40.4	-40.4	+38.4	-38.4	-38.4
X		35 1/2"	+39.3	-39.3	+39.3	-39.3	+39.3	-39.3	+38.6	-38.6	+36.6	-36.6	-36.6
X	3 ⁰	37 1/2"	+35.0	-35.0	+35.0	-35.0	+35.0	-35.0	+35.0	-35.0	+35.0	-35.0	-35.0
XX	4 ⁰	47 3/4"	+60.0	-60.3	+57.0	-57.0	+54.0	-54.0	+51.3	-51.3	+48.8	-48.8	-48.8
XX		51 3/4"	+56.5	-56.5	+53.3	-53.3	+50.5	-50.5	+47.9	-47.9	+45.6	-45.6	-45.6
XX		55 3/4"	+53.3	-53.3	+50.2	-50.2	+47.5	-47.5	+45.0	-45.0	+42.8	-42.8	-42.8
XX	5 ⁰	59 3/4"	+50.5	-50.5	+47.5	-47.5	+44.9	-44.9	+42.6	-42.6	+40.5	-40.5	-40.5
XX	5 ⁴	63 3/4"	+44.3	-44.3	+44.3	-44.3	+42.7	-42.7	+40.4	-40.4	+38.4	-38.4	-38.4
XX		67 3/4"	+39.3	-39.3	+39.3	-39.3	+39.3	-39.3	+38.6	-38.6	+36.6	-36.6	-36.6
XX	6 ⁰	71 3/4"	+35.0	-35.0	+35.0	-35.0	+35.0	-35.0	+35.0	-35.0	+35.0	-35.0	-35.0

TABLE 4:

DESIGN PRESSURES FOR <u>SIDE LITES</u> , ALL GLASS TYPES											
UNREINFORCED DOOR TO SIDE LITE											
SIDE LITE FRAME WIDTH	SIDE LITE FRAME HEIGHT										
	6 ⁸ - 79 3/4"		7 ⁰ - 83 3/4"		87 3/4"		91 3/4"		8 ⁰ - 95 3/4"		
10 3/4"	+60.0	-120.0	+60.0	-118.1	+60.0	-112.4	+60.0	-107.2	+60.0	-102.4	-102.4
12 3/4"	+60.0	-106.4	+60.0	-100.9	+60.0	-95.9	+60.0	-91.4	+60.0	-87.3	-87.3
19"	+60.0	-74.6	+60.0	-70.5	+60.0	-66.9	+60.0	-63.7	+60.0	-60.7	-60.7
21 3/4"	+60.0	-66.4	+60.0	-62.8	+59.5	-59.5	+56.6	-56.6	+53.9	-53.9	-53.9
27 3/4"	+54.4	-54.4	+51.3	-51.3	+48.5	-48.5	+46.1	-46.1	+43.8	-43.8	-43.8
36 1/8"	+36.2	-36.2	+36.2	-36.2	+36.2	-36.2	+36.2	-36.2	+35.5	-35.5	-35.5
36 3/4"	+35.0	-35.0	+35.0	-35.0	+35.0	-35.0	+35.0	-35.0	+35.0	-35.0	-35.0

FOR MAX. SIZES OF COMBINED UNITS, SEE SHEETS 10-13.

EXAMPLE 3, (USING TABLE 1): XX UNIT WITH GLASS TYPE A, 63-3/4" WIDE X 91-3/4" HIGH DOUBLE DOOR

DOOR DESIGN PRESSURE = +75 / -75.1 PSF

EXAMPLE 4, (USING TABLES 1 & 2): OXX UNIT WITH GLASS TYPE B, REINFORCED, 60" WIDE X 90" HIGH DOUBLE DOOR WITH 29" X 90" SIDE LITE (SEE NOTE 9)

DOOR DESIGN PRESSURE = +75 / -75.1 PSF

SIDE LITE DESIGN PRESSURE = +67.3 / -67.3 PSF

OVERALL DESIGN PRESSURE = +67.3 / -67.3 PSF

EXAMPLE 5, (USING TABLE 2): O UNIT WITH GLASS TYPE A, 24" WIDE X 80" HIGH (SEE NOTE 9)

SIDE LITE DESIGN PRESSURE = +75 / -95.3 PSF

EXAMPLE 6, (USING TABLES 1 & 2): OXXO UNIT WITH GLASS TYPE B, REINFORCED, 71-3/4" WIDE X 95-3/4" HIGH DOUBLE DOOR WITH (2) 36-3/4" X 95-3/4" SIDE LITES

DOOR DESIGN PRESSURE = +65 / -65 PSF

SIDE LITE DESIGN PRESSURE = +65 / -65 PSF

OVERALL DESIGN PRESSURE = +65 / -65 PSF

NOTES FOR ALL CONFIGURATIONS:

1) FOR CONFIGURATIONS WHICH CONTAIN A SIDE LITE TO DOOR CONNECTION, (XO, OX, XXO, OXX, OXO, OXXO), THE LOWEST DESIGN PRESSURE SHALL PREVAIL.

2) FULL LENGTH REINFORCEMENT (ITEM 22 SHOWN IN SECTION E-E, SHEET 4), IS REQUIRED AT DOOR TO SIDE LITE CONNECTIONS, WHEN USING TABLES 1 & 2.

3) DOOR AND SIDE LITE COMBINATIONS FROM TABLES 3 AND 4 DO NOT REQUIRE REINFORCEMENT ITEM 22.

4) DESIGN PRESSURES UNDER 40 PSF ARE NOT APPLICABLE IN MIAMI-DADE COUNTY.


5) POSITIVE DESIGN PRESSURE IS LIMITED TO 60 PSF (WATER RESISTANCE 9.0 PSF) FOR NON-REINFORCED DOORS AND SIDE LITES IN TABLES 3 AND 4.

6) FOR DOOR-ONLY CONFIGURATIONS (X, XX), ONLY TABLE 1 IS APPLICABLE. REINFORCEMENT, PART #22, IS NOT REQUIRED.

7) FOR SINGLE, STAND-ALONE SIDE LITES (O), ONLY TABLE 2 IS APPLICABLE. REINFORCEMENT, PART #22, IS NOT REQUIRED

8) CONFIGURATIONS WHERE THE DOOR LOCKSTILE ABUTS A SIDELITE ARE NOT AVAILABLE WITH REINFORCEMENT.

9) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SIZE. (E.G. FOR 32" "X" DOOR WIDTH IN TABLE 1, USE 33-1/2")

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NOA-No. 23-0724.03
Expiration Date 08/02/2027
By 
Miami-Dade Product Control

Revision: D) UPDATED TO 2023 BUILDING CODE.
AM - 07/19/23

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

REGISTRATION #29296

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

ALUM. FRENCH DOOR & SIDE LITES (NI)

DATE 04/04/12
BY JENS ROSOWSKI

DESIGN PRESSURES

11005-2

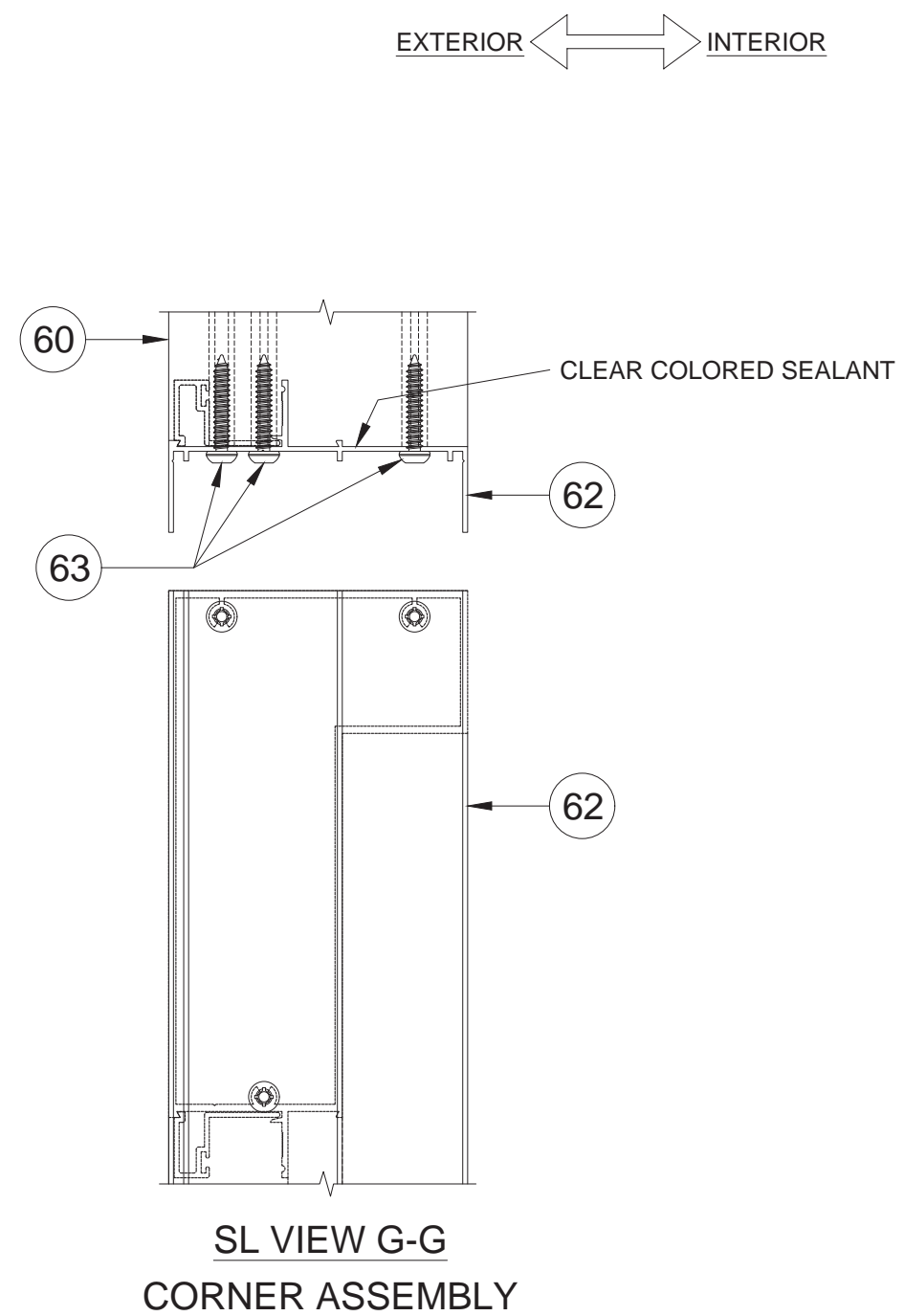
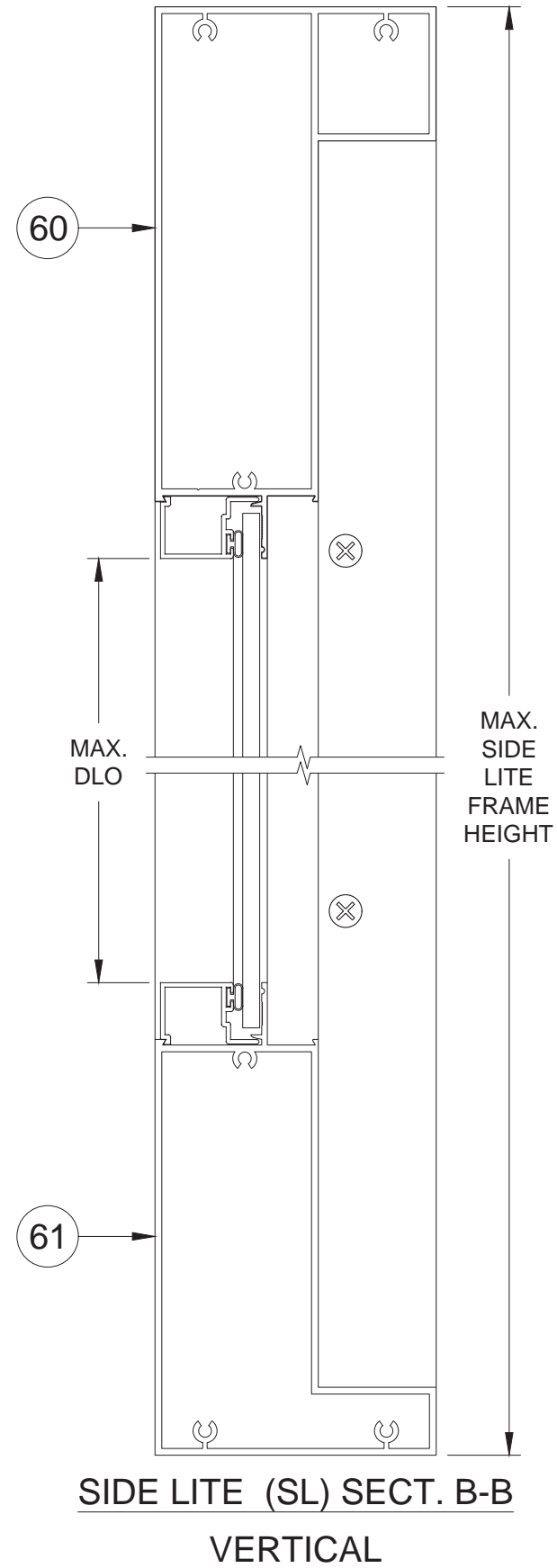
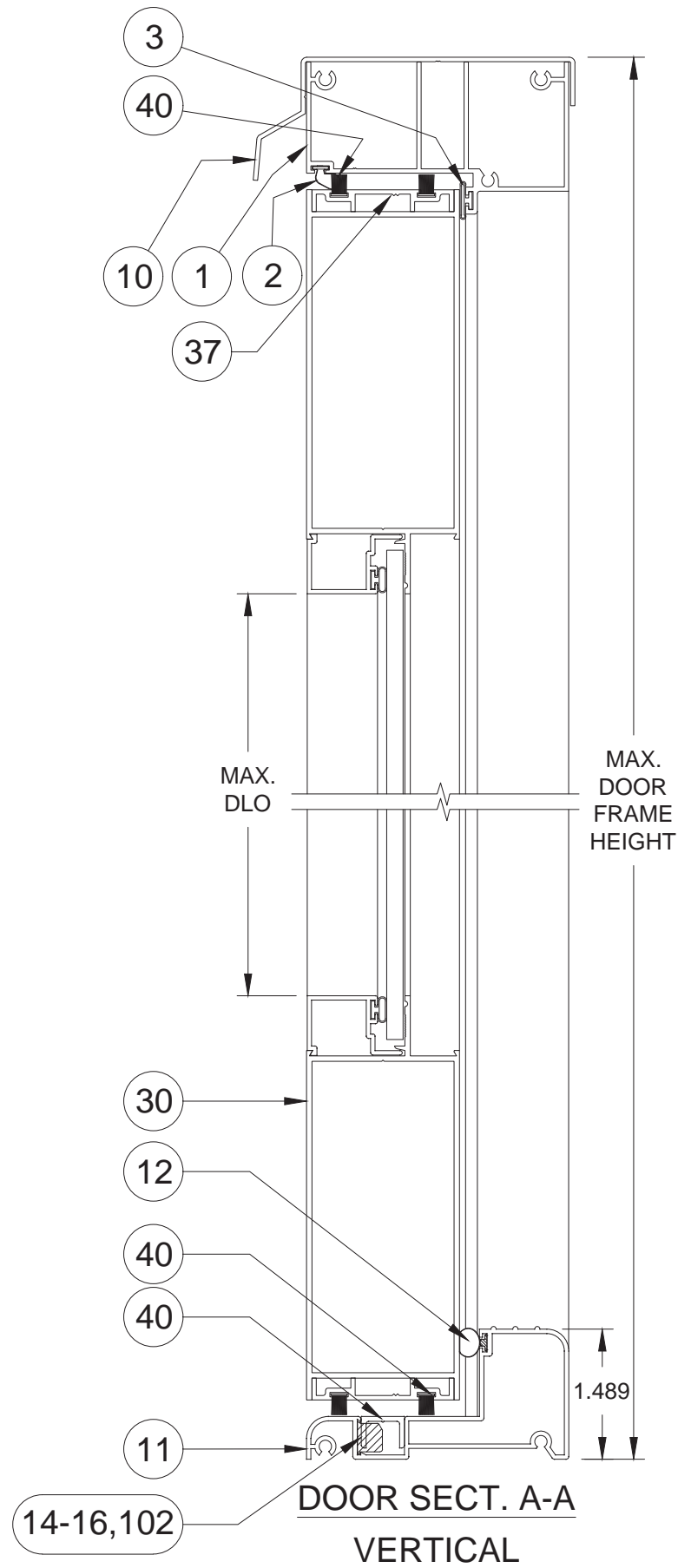
2 OF 15

FD101-NI

ANTHONY LYNN MILLER
LICENSE
No. 58705
07/19/23
STATE OF FLORIDA
PROFESSIONAL ENGINEER


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

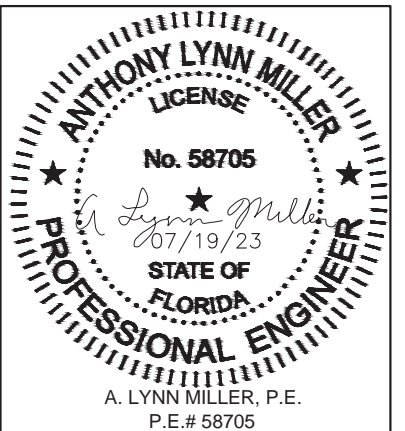
DOOR SIZES MUST BE VERIFIED FOR COMPLIANCE WITH EGRESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE. APPLICABLE EGRESS REQUIREMENTS TO BE REVIEWED BY AUTHORITY HAVING JURISDICTION (AHJ).

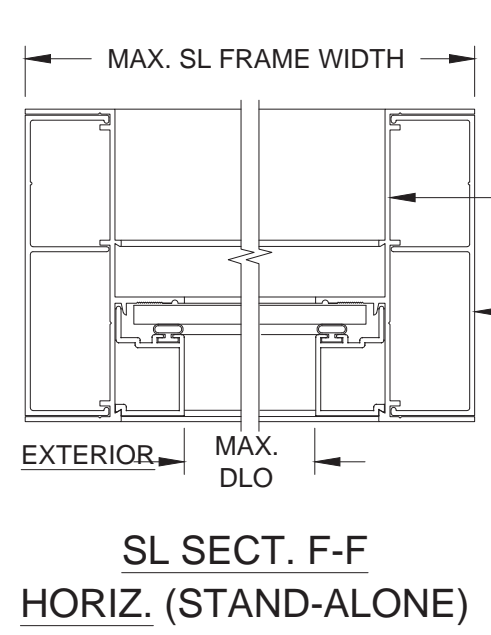
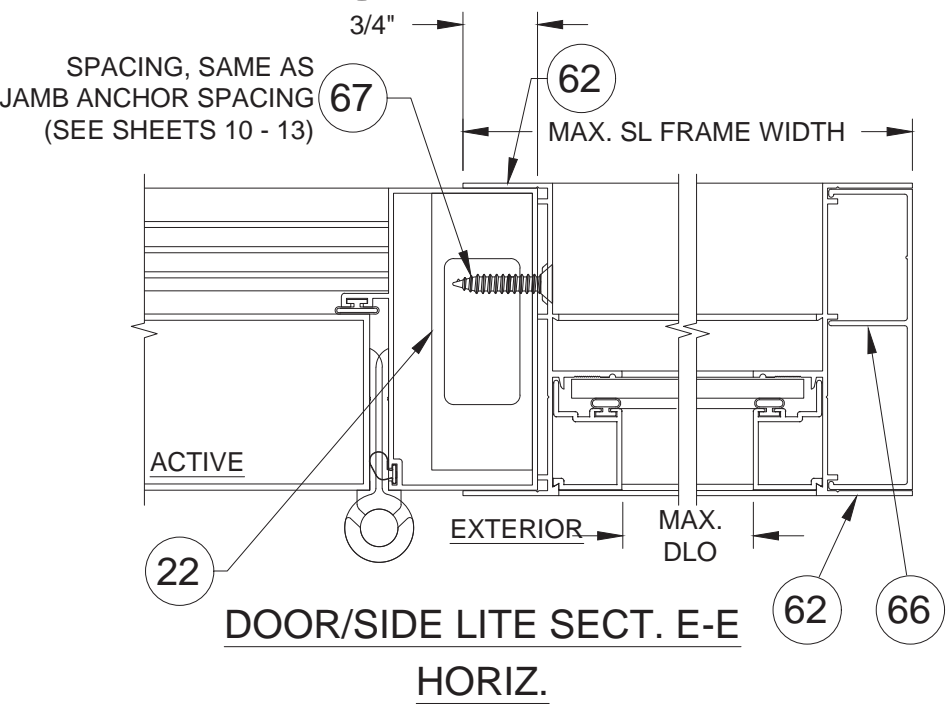
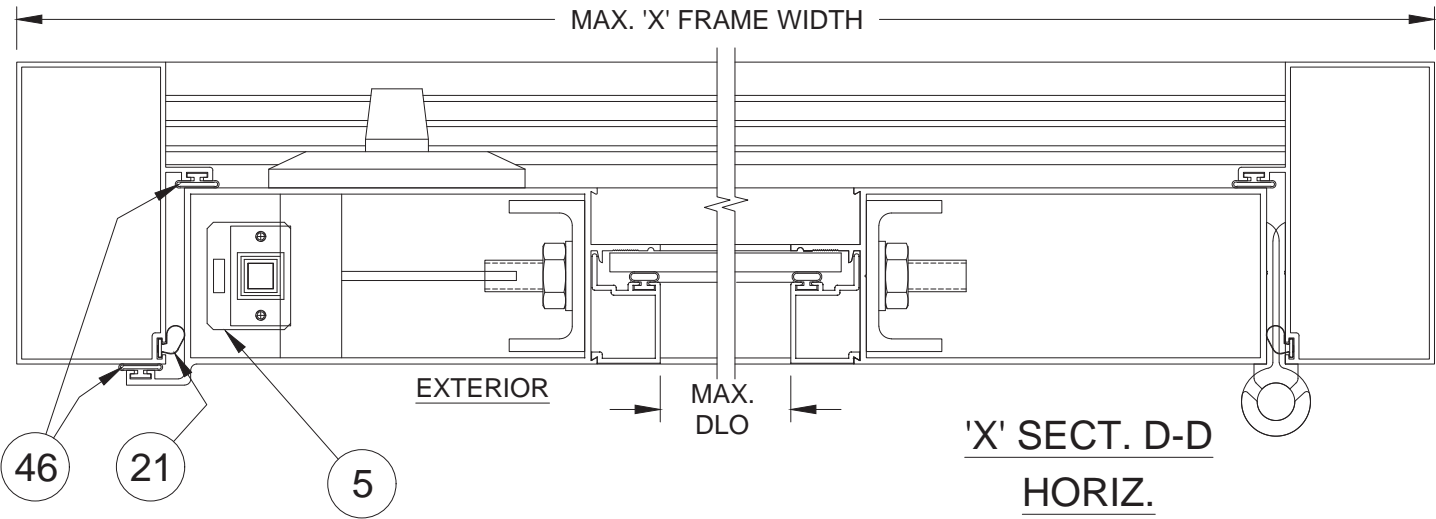
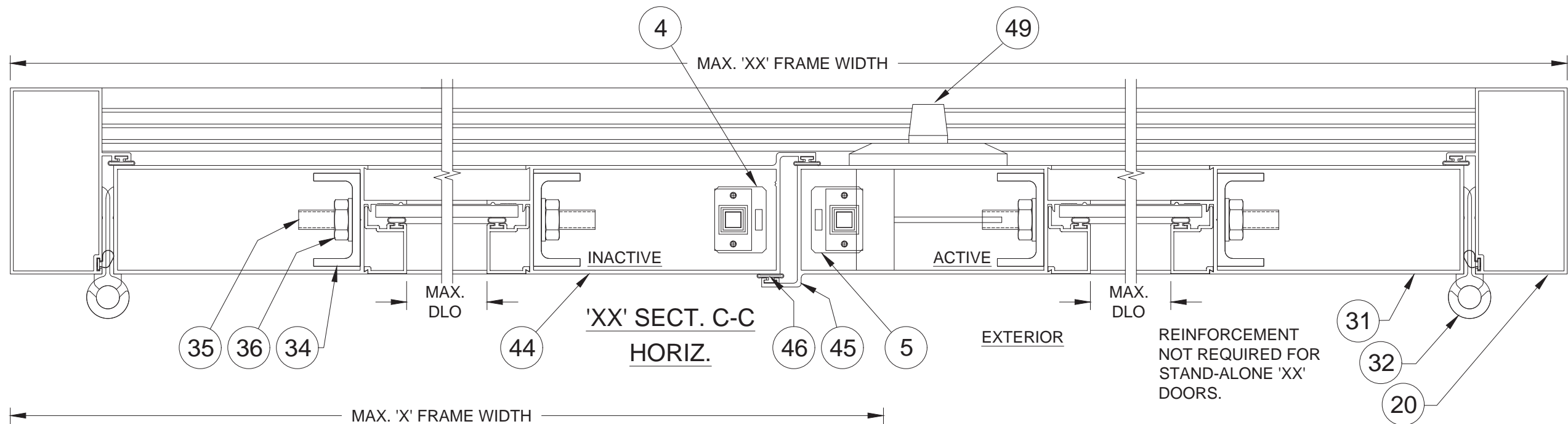


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AM - 07/19/23

 Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296			Date	04/04/12	
	ALUM. FRENCH DOOR & SIDE LITES (NI)					
	VERTICAL SECTIONS		Drawn By	JENS ROSOWSKI		
	Series	Desc.	Little			
FD101-NI	Sheet	3 OF 15	DWG No.	11005-2	Rev.	H



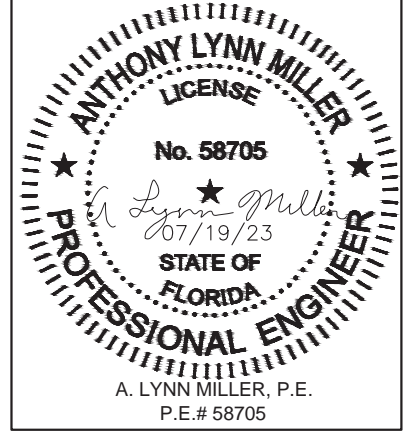


- NOTES:**
- CLEAR OPENING FOR 'X' AND 'XX' DOORS AS FOLLOWS:
WIDTH:
'X' DOORS = DOOR FRAME WIDTH - 5.646
'XX' DOOR = DOOR FRAME WIDTH / 2 - 4.079
HEIGHT:
DOOR FRAME HEIGHT - 3.259"
 - SIDE LITES OVERLAP 'X' AND 'XX' DOORS BY 3/4" WHEN ASSEMBLED TO MAKE 'XO', 'OX', 'OXO', 'OXO', 'XXO', 'OXX', 'OXX', AND 'OXXO' CONFIGURATIONS.
 - FULL LENGTH REINFORCEMENT APPLICABLE TO DOOR AND SIDE LITE COMBINATIONS FROM TABLES 1 AND 2, SHEET 2. ITEM 22 IS NOT REQUIRED WITH COMBINATIONS FROM TABLES 3 AND 4, SHEET 2, OR WITH STAND-ALONE 'O', 'X' & 'XX' CONFIGURATIONS FROM TABLES 1 AND 2.

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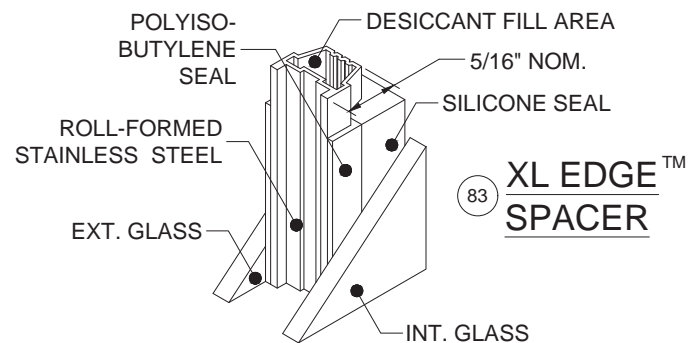
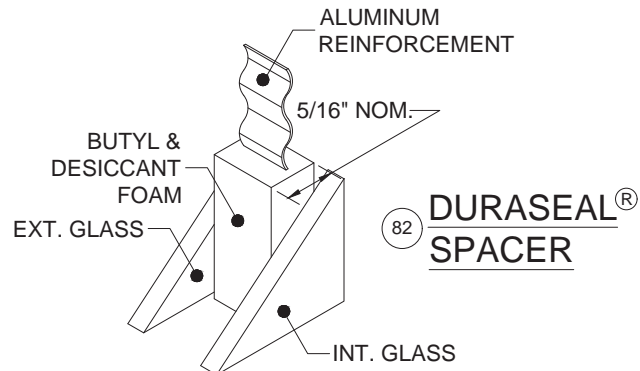
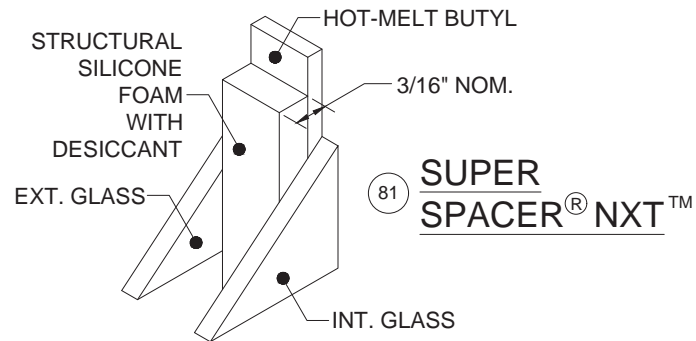
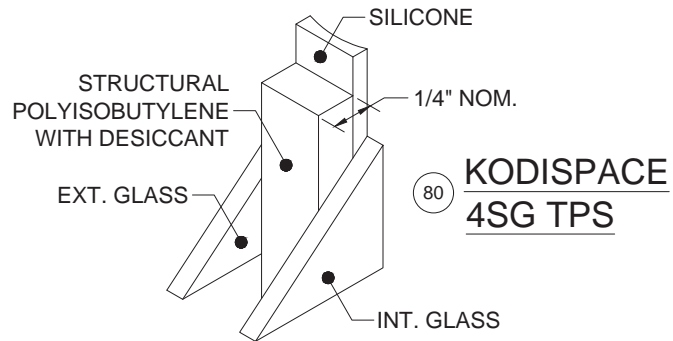
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AM - 07/19/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	04/04/12	Rev.	H
		By	JENS ROSOWSKI	DWG	11005-2
		ALUM. FRENCH DOOR & SIDE LITES (NI)		HORIZONTAL SECTIONS	
		FD101-NI		4 OF 15	



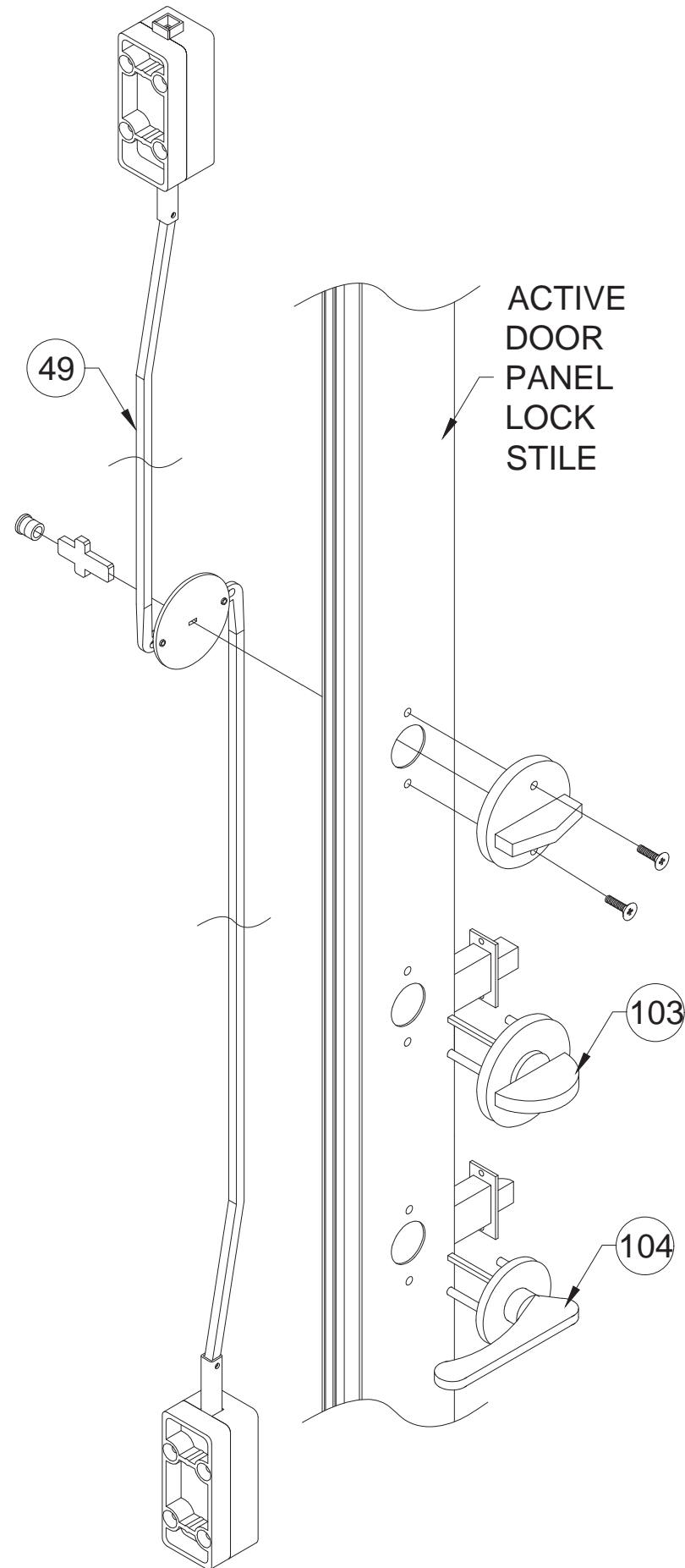
ITEM	DWG #	PGT#	DESCRIPTION
1	943B	60411	FRAME HEAD
2	1010	6Q300	WSTP., Q-LON .190 X .375 HIGH
3	7070	67070K	BULB WEATHERSTRIP .187 X .300 HIGH
4	955	7955X	FLUSHBOLT STRIKEPLATE
5	938	7938X	2 PT. LOCK STRIKEPLATE
6	956	7956A	FRAME HEAD STRIKEPLATE BACKING PLATE
7		7832X12FPXP	#8-32 X .500 PH. FL. MS - S.S. W/SILICONE PATCH
8	995	70995	GASKET (BETWEEN THRESHOLD & FRAME JAMB)
9	996	70996	GASKET (BETWEEN HEAD & FRAME JAMB)
10	952A	6533016	FILLER HEAD ADAPTER
11	11000	611000M	OUTSWING THRESHOLD
12	1670	671670	WSTP., .350 RD FOAM FILL T-SLOT (AMSBURY#32011)
13	11004A	611004M	OUTSWING THRESHOLD CHANNEL COVER
14	11001A	411001A	ACETAL SPACER .065 @ THRESHOLD, OPTIONAL
15	11002A	411002A	ACETAL SPACER .095 @ THRESHOLD, OPTIONAL
16	11003A	411003A	ACETAL SPACER .140 @ THRESHOLD, OPTIONAL
20	915D	60380	FRAME JAMB (OUTSWING)
21	1010	6Q300	WSTP., Q-LON .190 X .375 HIGH
22	6608	66608M	1X2-3/4X.650 TUBE MULL 6061-T5
23	1140	78X112PSATS	#8 X 1.500 PH SQ A T/S
24	1966	71966	JAMB SCREW COVER CAP
25	930	41721N	STRIKE PLATE INSERT
26	1118	710X34PFA	#10 X .750 PH. FL. SMS
27	7070	67070K	BULB WEATHERSTRIP .187 X .300 HIGH
30	910D	6910	DOOR PANEL, TOP & BOT. RAIL
31	911E	6911	DOOR PANEL, SIDE RAIL (OUTSWING)
32	917	7FRMO	HINGE ASSY. (917-1D)
33	1178	71058FP W,B	#10 X .625 PH. FL. SMS
34	913A	60378M	TRUSS CLAMP
35	1130	6TRODA	5/16-18 THREADED ROD
36	990	7990NUTA	5/16-18 FLANGED HEX NUT
37	914A	60379M	WEATHERSTRIP CHANNEL
38		7834FPT	#8 X .75 PH. FL. TEK
39	997	70997	GASKET (BETWEEN PANEL HEAD/SILL & PANEL STILES)
40	1023	67924G	WSTP., .187 X .250 HIGH, FINSEAL
41	928	41720	SLIDE BOLT ASSY. (TOP & BOTTOM, INACTIVE PANEL)
42	1145	76X12FPAW	#6 X .500 PH FL SMS TYPE BDS
43	1212	7P30GG	SILL DUST PLUG (INACTIVE PNL)
44	983B	6983	DOOR PANEL ASTRAGAL 1 (OUTSWING)
45	984B	6984	DOOR PANEL ASTRAGAL 2 (OUTSWING)
46	1213	6Q200K	WSTP., Q-LON .190 X .200 HIGH
47	929	74UBLOK	LOCK SUPPORT ASSY. (41707 & 41708)
48	1139	7634F	#6 X .750 PH. FL. SMS
49	982	FD2PTAY	2 PT. LOCK ASSEMBLY
50		6R180FS	RUBBER SLEEVE
51	930	41721	STRIKE PL. INSERT (INACTIVE PANEL)
52	931	7FRSPX	DEADBOLT STRIKE PLATE
53	1118	710X34PFA	#10 X .750 PH FL. SMS
54	957	70957X	HANDLE STRIKE PLATE
55	1118	710X34PFA	#10 X .750 PH FL. SMS
60	920D	6920D	SIDELITE HEADER
61	921D	6921	SIDELITE SILL
62	916B	60381	SIDELITE JAMB
63	1155	781PQA	#8 X 1.000 QUAD PN. SMS
64	998	7998	HEAD GASKETS (STOCKING #70998)
65	999	7999	SILL GASKETS (STOCKING #70999)
66	934A	61641M	SIDELITE JAMB ADAPTER
67			#12 SHEET METAL SCREW
70		712653K	SETTING BLOCK, 3/32" X 1/4" X 1" W/PSA
71		71267K	SETTING BLOCK, 1/16" X 1/2" X 1" W/PSA
74	989	6989	BEAD, 3/16"
75	4046	644842	BEAD, 3/16" (FOR SURFACE-APPLIED GRILL KIT)
76	4057	64057	BEAD, 5/8" IG
92	986	64986	BEAD, SIDE LITE INTERIOR
93	1224	6TP247	BULB, THICK (USED IN ALL EXTRUDED BEAD)
94	GLAZING SILICONE, DOW 899 OR 983 OR 791		
100	GLASS, 3/16" TEMPERED		
101	GLASS, 5/8" I.G., 3/16" TEMPERED, AIR SPACE, 3/16" TEMPERED		
102	11006A	41106A	ACETAL SPACER .295 @ THRESHOLD, OPTIONAL
103	OFF-THE SHELF DEAD BOLT LOCK, MIN 1" THROW, GR 3 STEEL		
104	OFF-THE SHELF HANDLE/LATCH ASSEMBLY, MIN 7/16" THROW, GR 3 STEEL		

ITEMS # 17-19, 28, 29, 56-59, 68, 69, 72, 73, 77-79, 84-91 & 95-99 ARE NOT USED AND ARE NOT PART OF THIS APPROVAL.




Part #	Description	Material
80	Kommerling 4SG TPS Spacer System	See this Sheet for Materials
81	Quanex Super Spacer nXT with Hot Melt Butyl	
82	Quanex Duraseal Spacer	
83	Cardinal XL Edge Spacer	

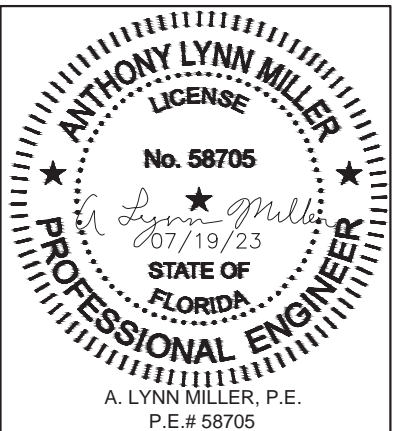
REFERENCE TEST REPORTS: FTL-8717, 8968 & 8970

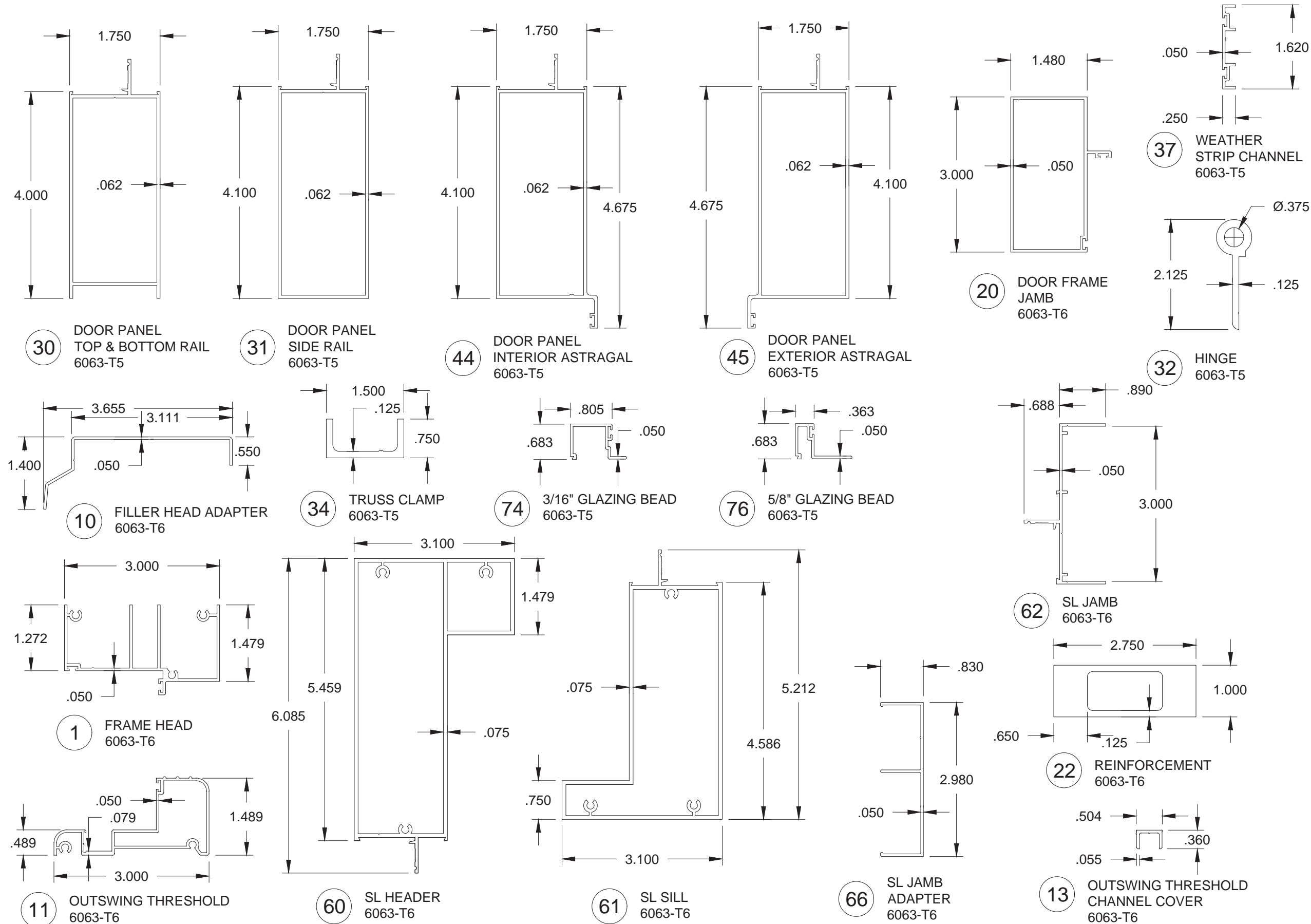



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	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		Date	04/04/12	Rev.	H
	Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	ALUM. FRENCH DOOR & SIDE LITES (NI)				Drawn By JENS ROSOWSKI	11005-2	DWC No.
		BOM & SPACER DETAILS		5 OF 15				
		FD101-NI	Sheet					
Series	Desc.	Title						





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PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	04/04/12	JENS ROSOWSKI	11005-2
PGI Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	ALUM. FRENCH DOOR & SIDE LITES (NI)	EXTRUSIONS	FD101-NI	6 OF 15

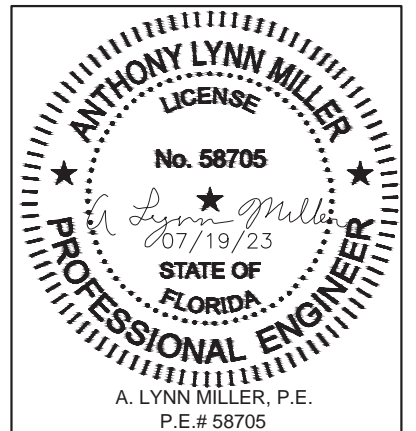
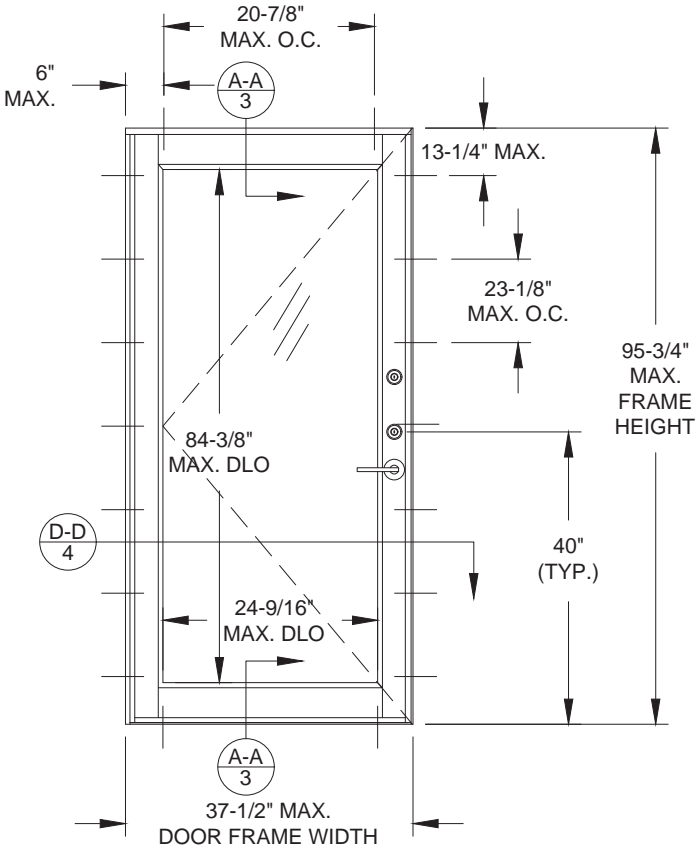
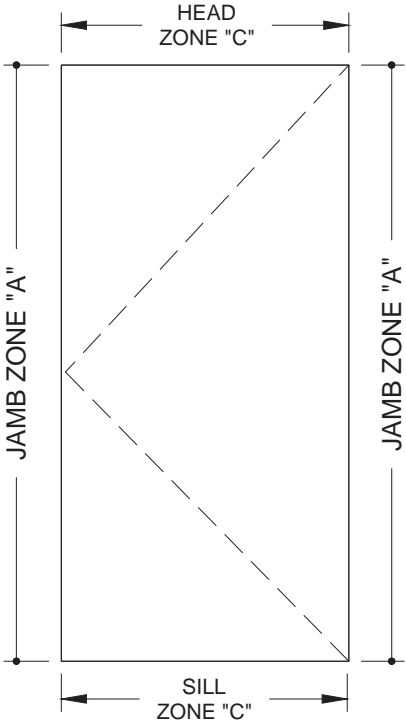


TABLE 5:

X DOORS, GLASS TYPES A & B					
ANCHOR TYPE & SUBSTRATE		2,3, WOOD 3 ALUM		1,2, CONCRETE	
		LOAD ZONES			
		X - JAMB "A"	X - HEAD & SILL "C"	X - JAMB "A"	X - HEAD & SILL "C"
MAX DOOR FRAME WIDTH	MAX FRAME HEIGHT				
25.500	79.750	7	2	4	2
	83.750	7	2	4	2
	87.750	7	2	4	2
	91.750	7	2	4	2
	95.750	7	2	4	2
27.500	79.750	7	2	4	2
	83.750	7	2	4	2
	87.750	7	2	4	2
	91.750	7	2	4	2
	95.750	7	2	4	2
29.500	79.750	7	3	4	3
	83.750	7	3	4	3
	87.750	7	3	4	3
	91.750	7	3	4	3
	95.750	7	3	4	3
31.500	79.750	7	3	4	3
	83.750	7	3	4	3
	87.750	7	3	4	3
	91.750	7	3	4	3
	95.750	7	3	4	3
33.500	79.750	6	3	4	3
	83.750	6	3	4	3
	87.750	7	3	4	3
	91.750	7	3	4	3
	95.750	7	3	4	3
35.500	79.750	6	3	4	3
	83.750	6	3	4	3
	87.750	6	3	4	3
	91.750	6	3	4	3
	95.750	6	3	4	3
37.500	79.750	5	3	4	3
	83.750	6	3	4	3
	87.750	6	3	4	3
	91.750	6	3	4	3
	95.750	6	3	4	3



TYP. DIMENSIONS OF
SINGLE DOOR, X



LOAD ZONES FOR
SINGLE DOOR, X

NOTES:

- 1) SEE SHEET 1 FOR GLASS AND ANCHOR TYPE DESCRIPTIONS.
- 2) DOORS MAY BE LEFT OR RIGHT-HANDED.
- 3) ANCHOR QUANTITIES ARE BASED ON SPACING AS FOLLOWS (4" MIN. O.C. FOR CONCRETE, 4" MIN. O.C. FOR CMU):
JAMBS (ALL): 13-1/4" MAX. FROM CORNERS AND 23-1/8" MAX. O.C.
HEAD & SILL OF DOORS: 6" MAX. FROM CORNERS, 9" MAX. FROM ASTRAGAL CENTERS AND 20-7/8" MAX. O.C.
- 4) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SIZE.
- 5) FOR ANCHORAGE INSTALLATION DETAILS SEE SHEET 14.

Design Pressure

See Sheet 2, Table 1

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<div>PGT</div> <div>Custom Windows and Doors</div> <div>1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600</div>		REGISTRATION #29296		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600			
Series	FD101-NI	Sheet	7 OF 15	DWG No.	11005-2	Rev.	H
Desc.	X DEATAILS			Drawn By	JENS ROSOWSKI		
Title	ALUM. FRENCH DOOR & SIDE LITES (NI)			Date	04/04/12		

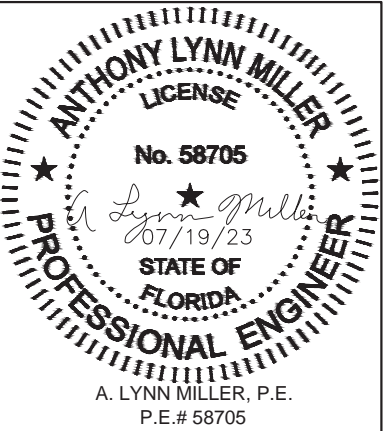
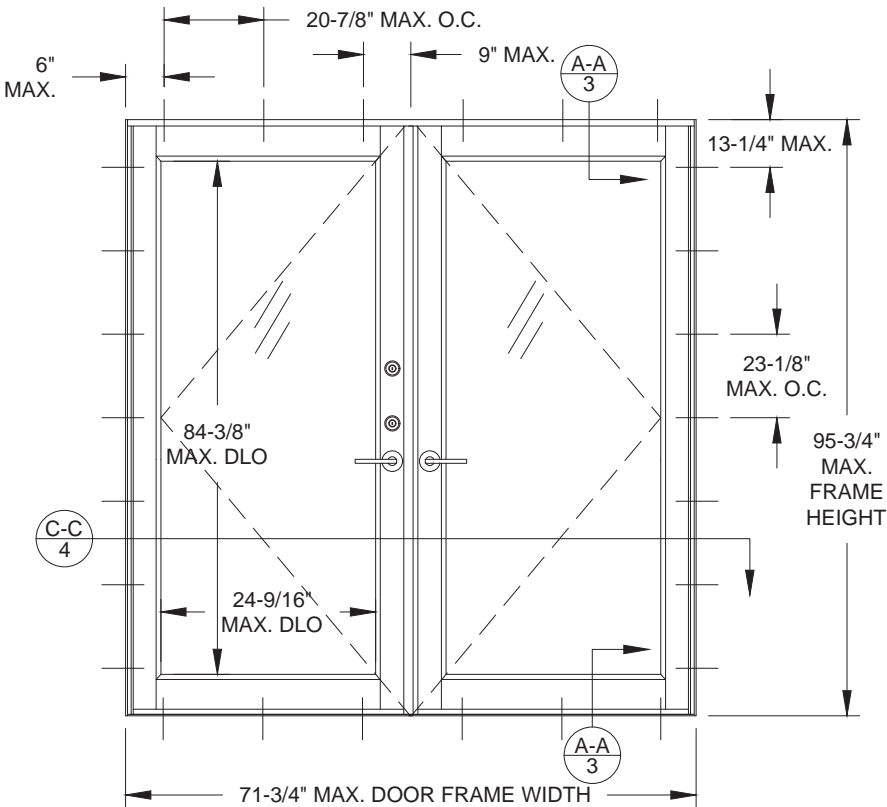
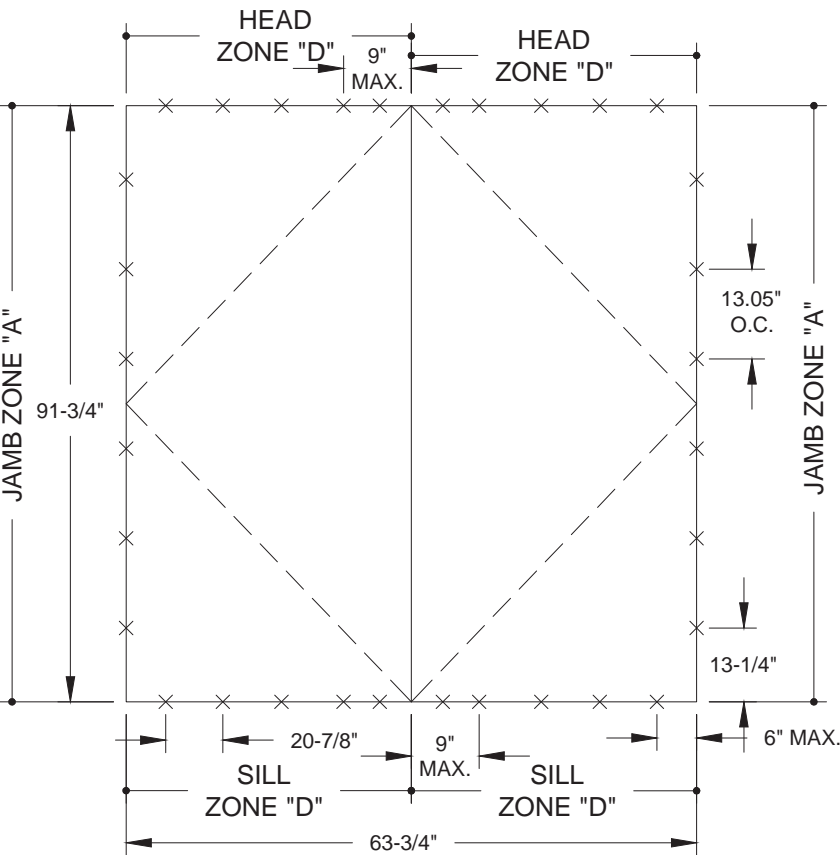


TABLE 6:

XX DOORS GLASS TYPES A & B					
ANCHOR TYPE & SUBSTRATE		2,3, WOOD 3 ALUM		1,2, CONCRETE	
		LOAD ZONES			
		XX - JAMB "A"	XX - HEAD & SILL "D"	XX - JAMB "A"	XX - HEAD & SILL "D"
MAX DOOR FRAME WIDTH	MAX FRAME HEIGHT				
47.750	79.750	6	5	4	3
	83.750	6	4	4	3
	87.750	6	4	4	3
	91.750	6	4	4	3
	95.750	6	4	4	3
51.750	79.750	6	5	4	3
	83.750	6	5	4	3
	87.750	6	4	4	3
	91.750	6	4	4	3
	95.750	6	4	4	3
55.750	79.750	6	5	4	3
	83.750	6	5	4	3
	87.750	6	5	4	3
	91.750	6	5	4	3
	95.750	6	4	4	3
59.750	79.750	6	5	4	3
	83.750	6	5	4	3
	87.750	6	5	4	3
	91.750	6	5	4	3
	95.750	6	5	4	3
63.750	79.750	6	5	4	3
	83.750	6	5	4	3
	87.750	6	5	4	3
	91.750	6	5	4	3
	95.750	6	5	4	3
67.750	79.750	5	5	4	3
	83.750	6	5	4	3
	87.750	6	5	4	3
	91.750	6	5	4	3
	95.750	6	5	4	3
71.750	79.750	5	5	4	3
	83.750	5	5	4	3
	87.750	6	5	4	3
	91.750	6	5	4	3
	95.750	6	5	4	3



TYP. ELEVATION OF XX CONFIGURATION



LOAD ZONES FOR XX CONFIGURATION
& ANCHORAGE LAYOUT USED IN EXAMPLE

Design Pressure
See Sheet 2, Table 1

NOTES:

- 1) SEE SHEET 1 FOR GLASS AND ANCHOR TYPE DESCRIPTIONS.
- 2) DOORS MAY BE LEFT OR RIGHT-HANDED.
- 3) ANCHOR QUANTITIES ARE BASED ON SPACING AS FOLLOWS (4" MIN. O.C. FOR CONCRETE, 4" MIN. O.C. FOR CMU):
JAMBS (ALL): 13-1/4" MAX. FROM CORNERS AND 23-1/8" MAX. O.C.
HEAD & SILL OF DOORS: 6" MAX. FROM CORNERS, 9" MAX. FROM ASTRAGAL CENTERS AND 20-7/8" MAX. O.C.
- 4) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SIZE.
- 5) FOR ANCHORAGE DETAILS SEE SHEET 14.

EXAMPLE:
XX WITH GLASS TYPE A,
63-3/4" WIDE X 91-3/4" HIGH DOUBLE DOOR,
ANCHOR TYPE 3 INTO WOOD,
DOOR DESIGN PRESSURE = +75 / -75.1 PSF,
SEE EXAMPLE 3, SHEET 2 FOR DP EXAMPLE

DOOR ANCHOR REQUIREMENTS FROM TABLE 6:
6 ANCHORS @ EACH JAMB
5 ANCHORS EACH DOOR PANEL @ HEAD
5 ANCHORS EACH DOOR PANEL @ SILL

SEE CIRCLED VALUES ON TABLE 6.

X = DENOTES ANCHOR LOCATION.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0724.03
Expiration Date 08/02/2027
By
Miami-Dade Product Control

D) UPDATED TO 2023
BUILDING CODE.

AM - 07/19/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	04/04/12	By	JENS ROSOWSKI	Rev.	H
		ALUM. FRENCH DOOR & SIDE LITES (NI)		XX DETAILS		No.	11005-2
		CUSTOM WINDOWS AND DOORS		FD101-NI		DWG	8 OF 15
		1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		Sheet		Title	

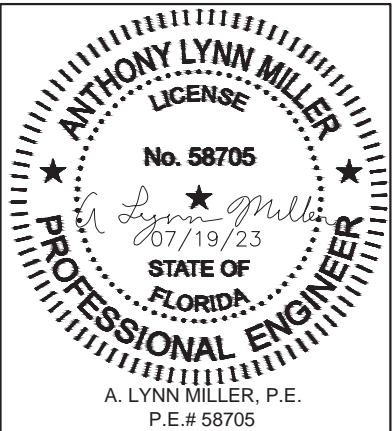
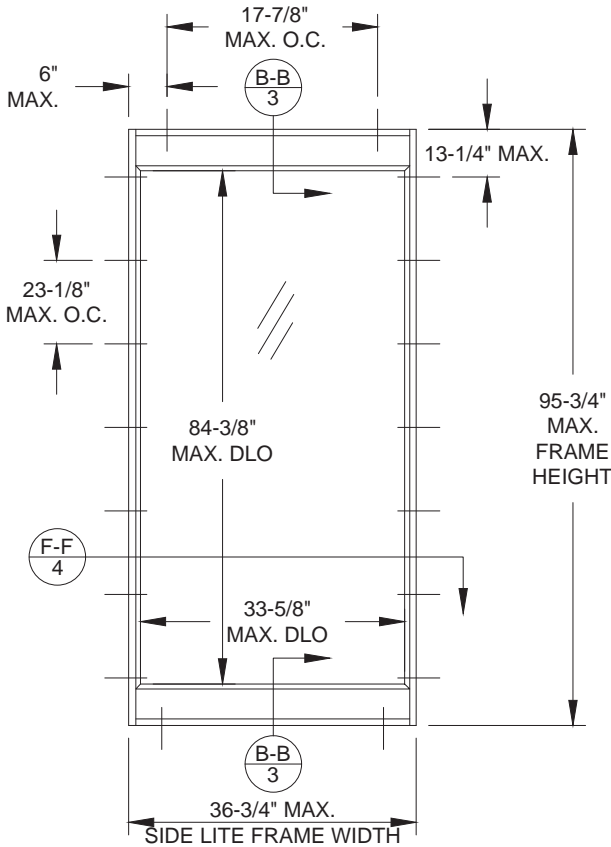


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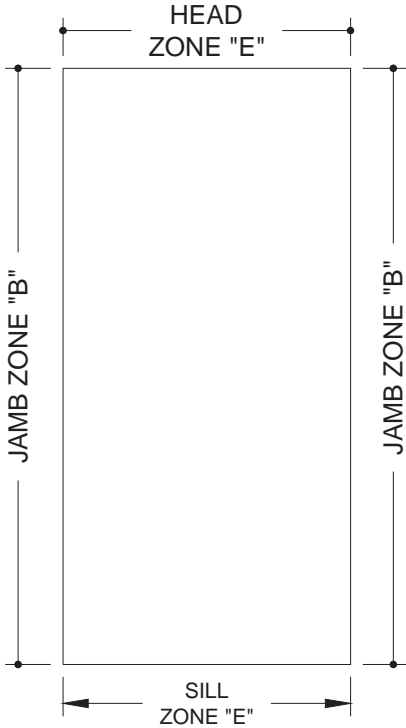
Q SIDE LITE, GLASS TYPES A & B					
ANCHOR TYPE & SUBSTRATE		2,3, WOOD 3 ALUM		1,2, CONCRETE	
		LOAD ZONES			
		O - JAMB "B"	O - HEAD & SILL "E"	O - JAMB "B"	O - HEAD & SILL "E"
MAX FRAME WIDTH	MAX FRAME HEIGHT				
10.750	79.750	4	2	4	2
	83.750	5	2	4	2
	87.750	5	2	4	2
	91.750	5	2	4	2
	95.750	5	2	4	2
12.750	79.750	5	2	4	2
	83.750	5	2	4	2
	87.750	5	2	4	2
	91.750	6	2	4	2
	95.750	6	2	4	2
19.000	79.750	6	2	4	2
	83.750	6	2	4	2
	87.750	6	2	4	2
	91.750	6	2	4	2
	95.750	6	2	4	2
21.750	79.750	6	2	4	2
	83.750	6	2	4	2
	87.750	6	2	4	2
	91.750	6	2	4	2
	95.750	6	2	4	2
27.750	79.750	6	2	4	2
	83.750	6	2	4	2
	87.750	6	2	4	2
	91.750	6	2	4	2
	95.750	6	2	4	2
36.125	79.750	5	3	4	3
	83.750	6	3	4	3
	87.750	6	3	4	3
	91.750	6	3	4	3
	95.750	6	3	4	3
36.750	79.750	5	3	4	3
	83.750	5	3	4	3
	87.750	6	3	4	3
	91.750	6	3	4	3
	95.750	6	3	4	3

NOTES:

- 1) SEE SHEET 1 FOR GLASS AND ANCHOR TYPE DESCRIPTIONS.
- 2) ANCHOR QUANTITIES ARE BASED ON SPACING AS FOLLOWS (4" MIN. O.C. FOR CONCRETE, 4" MIN. O.C. FOR CMU):
JAMBS (ALL): 13-1/4" MAX. FROM CORNERS AND 23-1/8" MAX. O.C.
HEAD & SILL OF SIDE LITES: 6" MAX. FROM CORNERS AND 24-3/4" MAX. O.C.
- 3) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SIZE.
- 4) FOR ANCHORAGE INSTALLATION DETAILS SEE SHEET 15.




TYP. ELEVATION OF
SINGLE SIDELITE, O



LOAD ZONES FOR
SINGLE SIDELITE, O

Design Pressure
See Sheet 2, Table 2

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0724.03
Expiration Date 08/02/2027
By 
Miami-Dade Product Control

Revision: D) UPDATED TO 2023
BUILDING CODE.
AM - 07/19/23

<div>PGT</div> <div>Custom Windows and Doors</div> <div>1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600</div>		REGISTRATION #29296		04/04/12		JENS ROSOWSKI	H
				Date			
				By			
				Drawn			
<div>PGT</div> <div>Custom Windows and Doors</div> <div>1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600</div>		ALUM. FRENCH DOOR & SIDE LITES (NI)		9 OF 15		11005-2	Rev.
				Sheet			
				FD101-NI			
				O DETAILS			
Title		Desc.		Series			

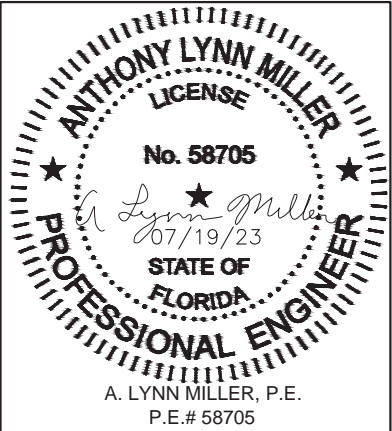
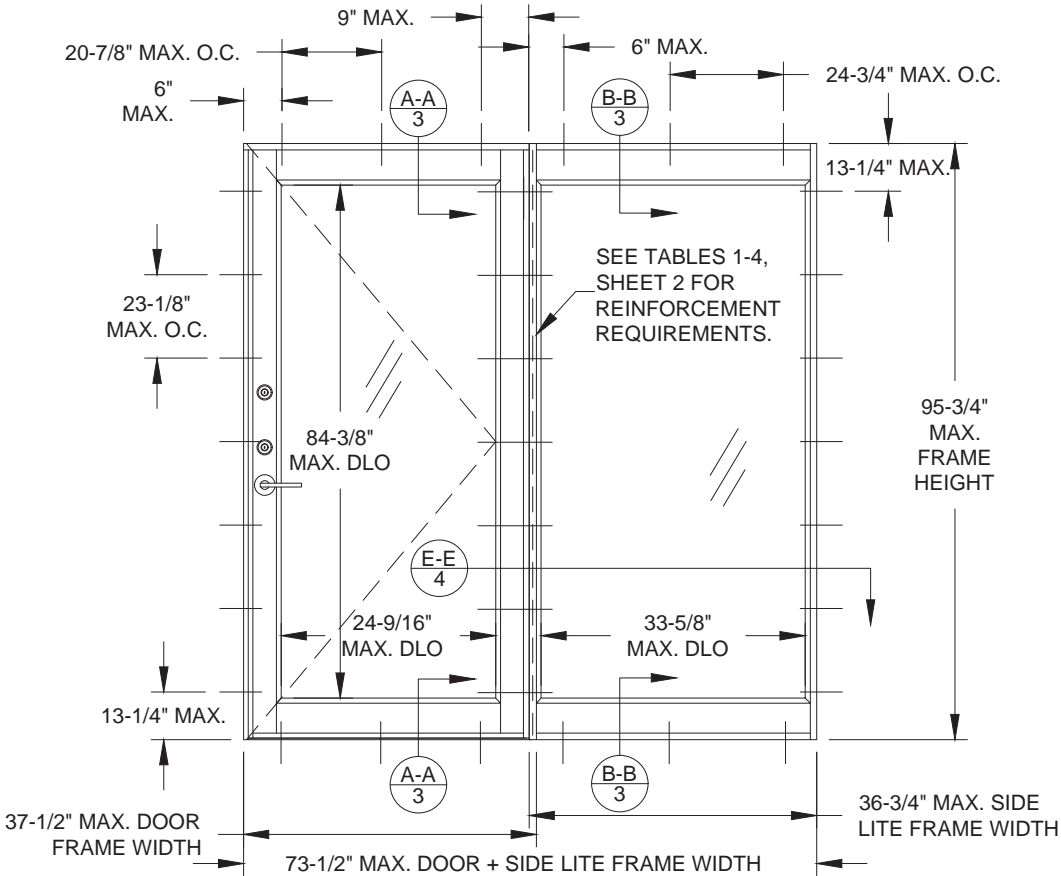


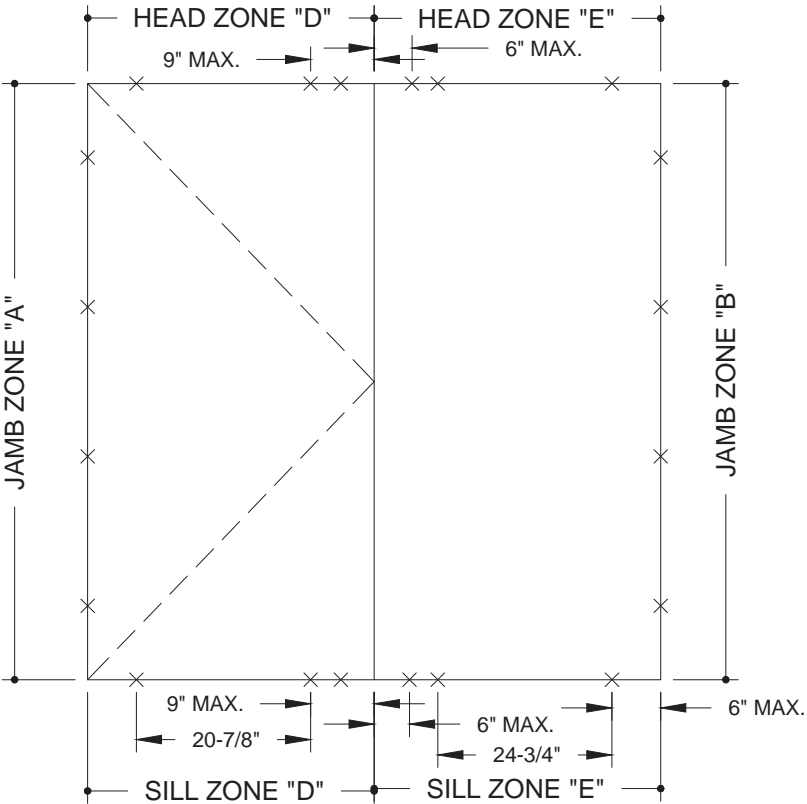
TABLE 8:

XO & OX DOORS, GLASS TYPES A & B													
ANCHOR TYPE & SUBSTRATE			2,3, WOOD 3 ALUM				1,2, CONCRETE						
			LOAD ZONES										
			O - JAMB "B"	O - HEAD & SILL "E"	X - HEAD & SILL "D"	X - JAMB "A"	O - JAMB "B"	O - HEAD & SILL "E"	X - HEAD & SILL "D"	X - JAMB "A"			
MAX SIDE LITE FRAME WIDTH	MAX 'X' DOOR FRAME WIDTH	MAX. FRAME HEIGHT	10.750	25.500	79.750	4	3	5	7	4	2	3	4
		83.750			5	3	4	7	4	2	3	4	
		87.750			5	3	4	7	4	2	3	4	
		91.750			5	3	4	7	4	2	3	4	
		95.750			5	3	4	7	4	2	3	4	
12.750	27.500	79.750	5	3	5	7	4	2	3	4			
		83.750	5	3	5	7	4	2	3	4			
		87.750	5	3	4	7	4	2	3	4			
		91.750	6	3	4	7	4	3	3	4			
		95.750	6	3	4	7	4	3	3	4			
19.000	29.500	79.750	6	3	5	7	4	3	3	4			
		83.750	6	3	5	7	4	3	3	4			
		87.750	6	3	5	7	4	3	3	4			
		91.750	6	3	5	7	4	3	3	4			
		95.750	6	3	4	7	4	3	3	4			
21.750	31.500	79.750	6	3	5	7	4	3	3	4			
		83.750	6	3	5	7	4	3	3	4			
		87.750	6	3	5	7	4	3	3	4			
		91.750	6	3	5	7	4	3	3	4			
		95.750	6	3	5	7	4	3	3	4			
27.750	33.500	79.750	6	3	5	6	4	3	3	4			
		83.750	6	3	5	6	4	3	3	4			
		87.750	6	3	5	7	4	3	3	4			
		91.750	6	3	5	7	4	3	3	4			
		95.750	6	3	5	7	4	3	3	4			
36.125	35.500	79.750	5	3	5	6	4	3	3	4			
		83.750	6	3	5	6	4	3	3	4			
		87.750	6	3	5	6	4	3	3	4			
		91.750	6	3	5	6	4	3	3	4			
		95.750	6	3	5	6	4	3	3	4			
36.750	37.500	79.750	5	3	5	5	4	3	3	4			
		83.750	5	3	5	6	4	3	3	4			
		87.750	6	3	5	6	4	3	3	4			
		91.750	6	3	5	6	4	3	3	4			
		95.750	6	3	5	6	4	3	3	4			

ANCHOR QUANTITIES FOR THE DOOR AND SIDE LITE TO BE DETERMINED INDEPENDENTLY.



TYP. ELEVATION OF XO CONFIGURATION
(OX SIMILAR)



LOAD ZONES FOR XO CONFIGURATION
& ANCHORAGE LAYOUT USED IN EXAMPLE
(OX SIMILAR)

Design Pressure	
Reinforced:	See Sheet 2, Tables 1 & 2
Unreinforced:	See Sheet 2, Tables 3 & 4


NOTES:

- 1) SEE SHEET 1 FOR GLASS AND ANCHOR TYPE DESCRIPTIONS.
- 2) DOORS MAY BE LEFT OR RIGHT-HANDED.
- 3) ANCHOR QUANTITIES ARE BASED ON SPACING AS FOLLOWS (4" MIN. O.C. FOR CONCRETE, 4" MIN. O.C. FOR CMU):
JAMBS (ALL): 13-1/4" MAX. FROM CORNERS AND 23-1/8" MAX. O.C.
HEAD & SILL OF DOORS: 6" MAX. FROM CORNERS, 9" MAX. FROM ASTRAGAL CENTERS AND 20-7/8" MAX. O.C.
HEAD & SILL OF SIDE LITES: 6" MAX. FROM CORNERS AND 24-3/4" MAX. O.C.
- 4) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SIZE.
- 5) FOR ANCHORAGE INSTALLATION DETAILS SEE SHEETS 14 & 15.
- 6) CONFIGURATIONS WHERE THE DOOR LOCKSTILE ABUTS A SIDE LITE ARE NOT AVAILABLE WITH REINFORCEMENT.
- 7) SIDE LITE OVERLAPS DOOR BY 3/4" ONCE ASSEMBLED.

EXAMPLE:
XO WITH GLASS TYPE B,
36" X 84" SINGLE DOOR WITH 36" X 84" WIDE SIDE LITE,
ANCHOR TYPE 3 INTO CONC.
DOOR DESIGN PRESSURE = +35 / -35 PSF,
SEE EXAMPLE 2, SHEET 2 FOR DP EXAMPLE

DOOR ANCHOR REQUIREMENTS FROM TABLE 8:
4 ANCHORS @ DOOR JAMB
4 ANCHORS @ SIDE LITE JAMB
3 ANCHORS @ DOOR PANEL @ HEAD
3 ANCHORS @ DOOR PANEL @ SILL
3 ANCHORS @ SIDE LITE @ HEAD
3 ANCHORS @ SIDE LITE @ SILL

SEE CIRCLED VALUES ON TABLE 8.
X = DENOTES ANCHOR LOCATION.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0724.03
Expiration Date 08/02/2027
By 
Miami-Dade Product Control

Revision: D) UPDATED TO 2023
BUILDING CODE.
AM - 07/19/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296		Date	04/04/12		
	ALUM. FRENCH DOOR & SIDE LITES (NI)					
	XO & OX DETAILS					
PGT Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	ALUM. FRENCH DOOR & SIDE LITES (NI)	XO & OX DETAILS	Drawn By	JENS ROSOWSKI		
			FD101-NI			
			10 OF 15			
Sheet		DWG No.		11005-2	Rev.	H

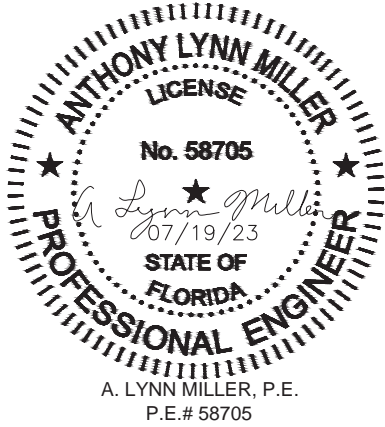
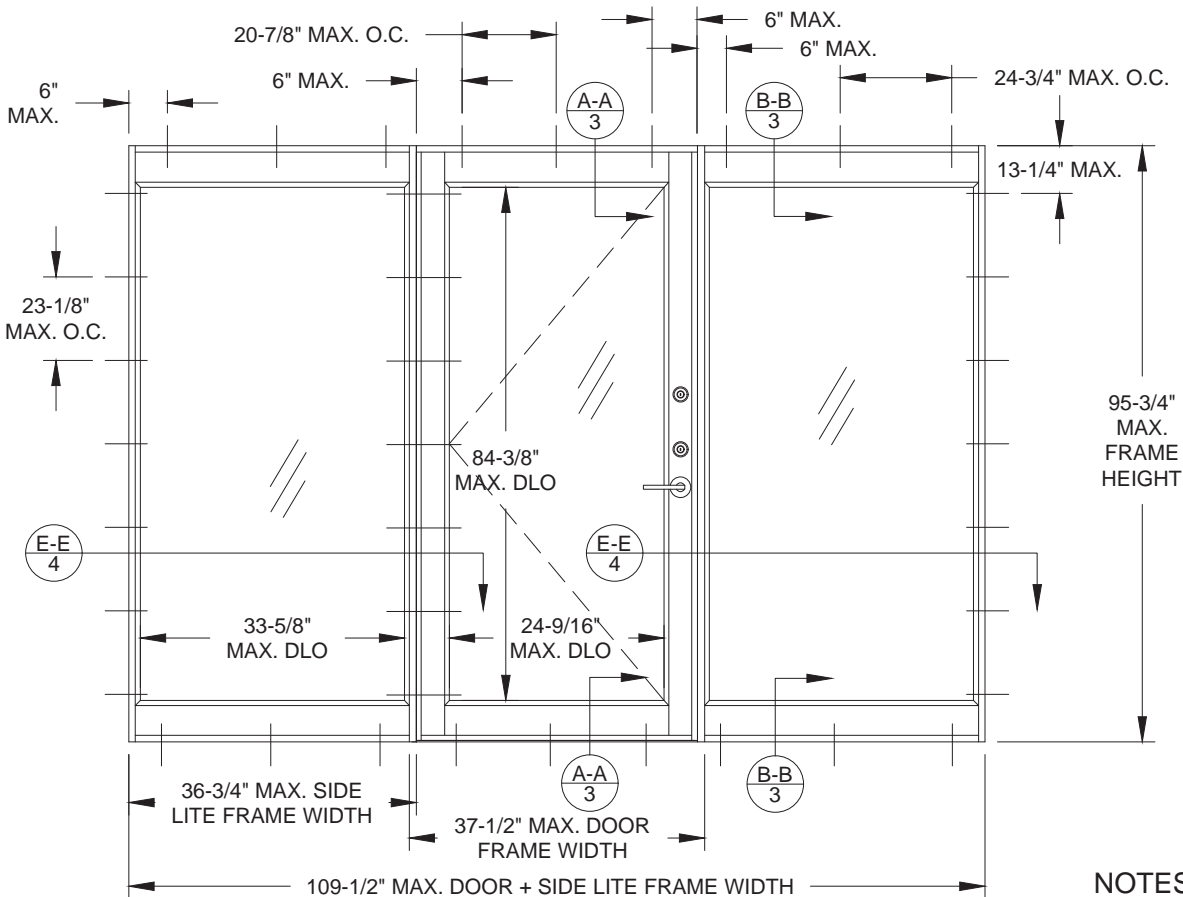


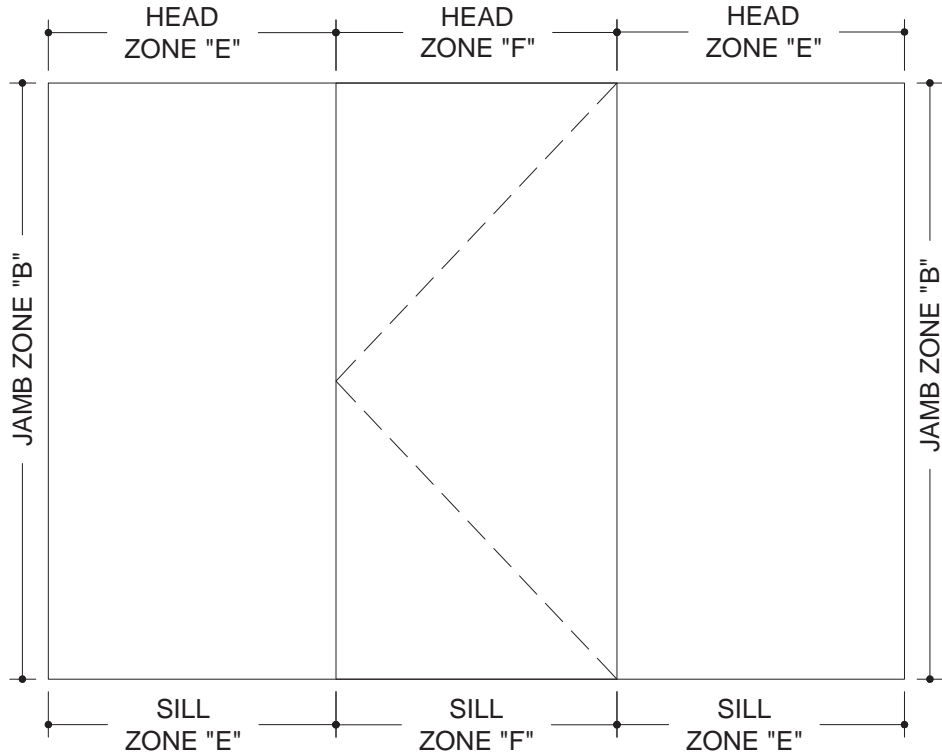
TABLE 9:

OXO DOORS, GLASS TYPES A & B											
ANCHOR TYPE & SUBSTRATE			2,3, WOOD 3 ALUM			1,2, CONCRETE					
			LOAD ZONES								
			O - JAMB "B"	O - HEAD & SILL "E"	X - HEAD & SILL "F"	O - JAMB "B"	O - HEAD & SILL "E"	X - HEAD & SILL "F"			
MAX. SIDE LITE FRAME WIDTH	MAX. 'X' DOOR FRAME WIDTH	MAX. FRAME HEIGHT	10.750	25.500	79.750	4	3	10	4	2	5
		83.750				5	3	10	4	2	5
		87.750				5	3	10	4	2	5
		91.750				5	3	9	4	2	5
		95.750				5	3	9	4	2	5
12.750	27.500	79.750	5	3	10	4	2	5			
		83.750	5	3	10	4	2	5			
		87.750	5	3	10	4	2	5			
		91.750	6	3	10	4	3	5			
		95.750	6	3	10	4	3	5			
19.000	29.500	79.750	6	3	10	4	3	5			
		83.750	6	3	10	4	3	5			
		87.750	6	3	10	4	3	5			
		91.750	6	3	10	4	3	5			
		95.750	6	3	10	4	3	5			
21.750	31.500	79.750	6	3	10	4	3	5			
		83.750	6	3	10	4	3	5			
		87.750	6	3	10	4	3	5			
		91.750	6	3	10	4	3	5			
		95.750	6	3	10	4	3	5			
27.750	33.500	79.750	6	3	8	4	3	5			
		83.750	6	3	8	4	3	5			
		87.750	6	3	10	4	3	5			
		91.750	6	3	10	4	3	5			
		95.750	6	3	10	4	3	5			
36.125	35.500	79.750	5	3	8	4	3	5			
		83.750	6	3	8	4	3	5			
		87.750	6	3	8	4	3	5			
		91.750	6	3	8	4	3	5			
		95.750	6	3	8	4	3	5			
36.750	37.500	79.750	5	3	8	4	3	3			
		83.750	5	3	8	4	3	3			
		87.750	6	3	8	4	3	5			
		91.750	6	3	8	4	3	5			
		95.750	6	3	8	4	3	5			

ANCHOR QUANTITIES FOR THE DOOR AND SIDE LITE TO BE DETERMINED INDEPENDENTLY.



TYP. ELEVATION OF OXO CONFIGURATION
(NOT AVAILABLE WITH REINFORCEMENT)



LOAD ZONES FOR OXO CONFIGURATION

Design Pressure	
Reinforced:	N/A
Unreinforced:	See Sheet 2, Tables 3 & 4

NOTES:

- 1) SEE SHEET 1 FOR GLASS AND ANCHOR TYPE DESCRIPTIONS.
- 2) DOORS MAY BE LEFT OR RIGHT-HANDED.
- 3) ANCHOR QUANTITIES ARE BASED ON SPACING AS FOLLOWS (4" MIN. O.C. FOR CONCRETE, 4" MIN. O.C. FOR CMU):
JAMBS (ALL): 13-1/4" MAX. FROM CORNERS AND 23-1/8" MAX. O.C.
HEAD & SILL OF DOORS: 6" MAX. FROM CORNERS, 9" MAX. FROM ASTRAGAL CENTERS AND 20-7/8" MAX. O.C.
HEAD & SILL OF SIDE LITES: 6" MAX. FROM CORNERS AND 24-3/4" MAX. O.C.
- 4) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SIZE.
- 5) FOR ANCHORAGE INSTALLATION DETAILS SEE SHEETS 14 & 15.
- 6) CONFIGURATIONS WHERE THE DOOR LOCKSTILE ABUTS A SIDE LITE ARE NOT AVAILABLE WITH REINFORCEMENT.
- 7) SIDE LITE OVERLAPS DOOR BY 3/4" ONCE ASSEMBLED.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0724.03
Expiration Date 08/02/2027
By
Miami-Dade Product Control

D) UPDATED TO 2023
BUILDING CODE.

AM - 07/19/23

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	04/04/12	By	JENS ROSOWSKI	Rev.	H
		ALUM. FRENCH DOOR & SIDE LITES (NI)					
PGT Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	OXO DETAILS	11 OF 15		FD101-NI		11005-2	
		Sheet		Title		Series	

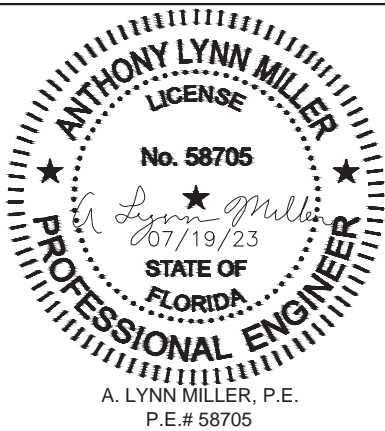
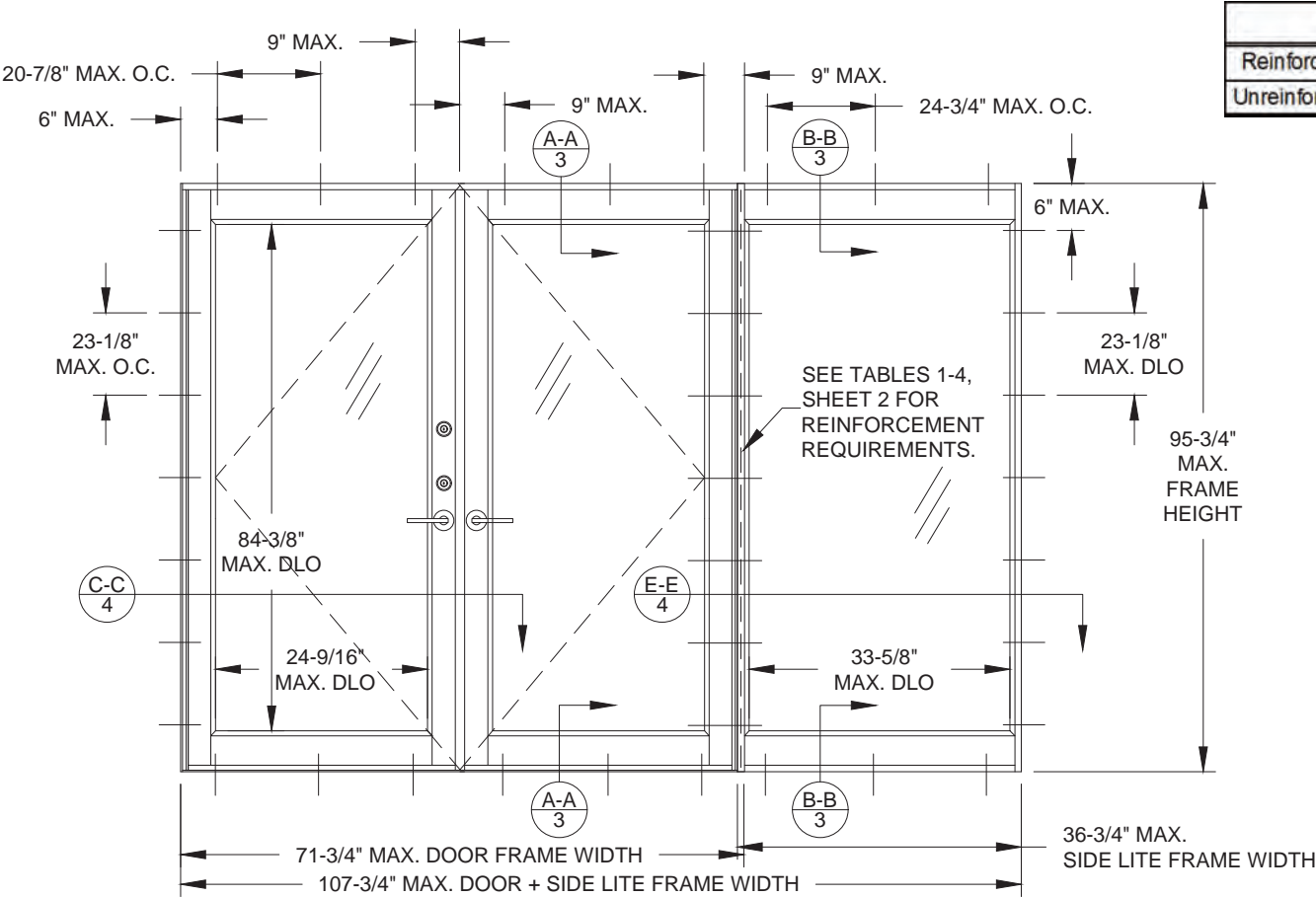


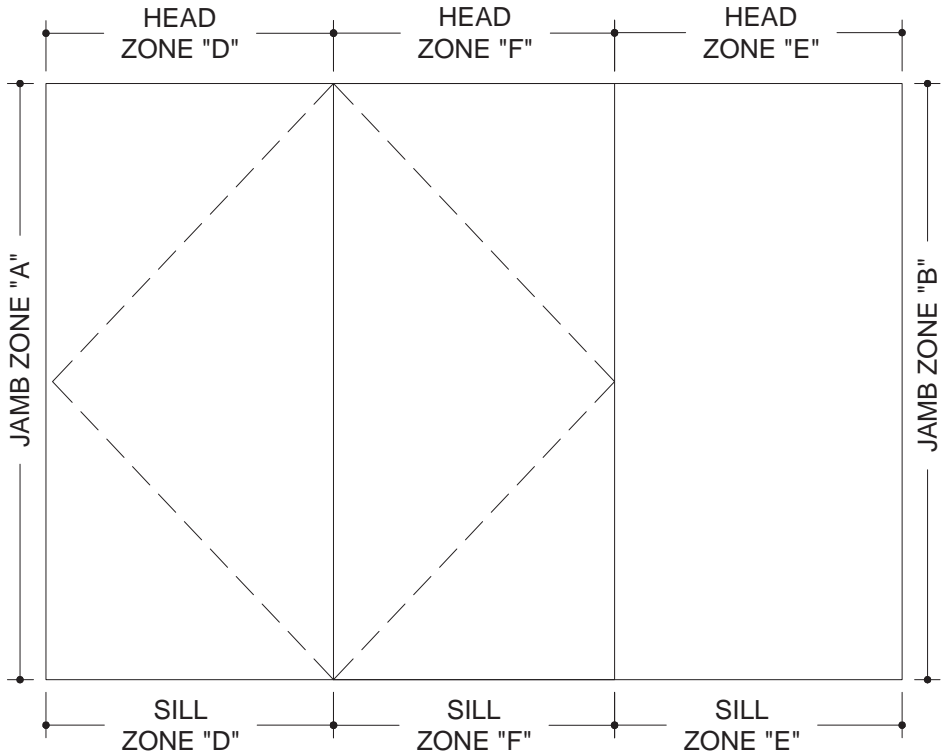
TABLE 10:

XXO & OXX DOORS, GLASS TYPES A & B												
ANCHOR TYPE & SUBSTRATE			2,3, WOOD 3 ALUM					1,2, CONCRETE				
			LOAD ZONES									
			XX - JAMB "A"	O - JAMB "B"	O - HEAD & SILL "E"	XX - HEAD & SILL "D"	XX - HEAD & SILL "F"	XX - JAMB "A"	O - JAMB "B"	O - HEAD & SILL "E"	XX - HEAD & SILL "D"	XX - HEAD & SILL "F"
MAX SIDE LITE FRAME WIDTH	MAX 'XX' DOOR FRAME WIDTH	MAX. FRAME HEIGHT										
10.750	47.750	79.750	6	4	3	5	8	4	4	2	3	5
		83.750	6	5	3	4	7	4	4	2	3	5
		87.750	6	5	3	4	7	4	4	2	3	5
		91.750	6	5	3	4	7	4	4	2	3	5
		95.750	6	5	3	4	7	4	4	2	3	5
12.750	51.750	79.750	6	5	3	5	8	4	4	2	3	5
		83.750	6	5	3	5	8	4	4	2	3	5
		87.750	6	5	3	4	7	4	4	2	3	5
		91.750	6	6	3	4	7	4	4	3	3	5
		95.750	6	6	3	4	7	4	4	3	3	5
19.000	55.750	79.750	6	6	3	5	8	4	4	3	3	5
		83.750	6	6	3	5	8	4	4	3	3	5
		87.750	6	6	3	5	8	4	4	3	3	5
		91.750	6	6	3	5	8	4	4	3	3	5
		95.750	6	6	3	4	7	4	4	3	3	5
21.750	59.750	79.750	6	6	3	5	8	4	4	3	3	5
		83.750	6	6	3	5	8	4	4	3	3	5
		87.750	6	6	3	5	8	4	4	3	3	5
		91.750	6	6	3	5	8	4	4	3	3	5
		95.750	6	6	3	5	8	4	4	3	3	5
27.750	63.750	79.750	6	6	3	5	8	4	4	3	3	5
		83.750	6	6	3	5	8	4	4	3	3	5
		87.750	6	6	3	5	8	4	4	3	3	5
		91.750	6	6	3	5	8	4	4	3	3	5
		95.750	6	6	3	5	8	4	4	3	3	5
36.125	67.750	79.750	5	5	3	5	8	4	4	3	3	3
		83.750	6	6	3	5	8	4	4	3	3	5
		87.750	6	6	3	5	8	4	4	3	3	5
		91.750	6	6	3	5	8	4	4	3	3	5
		95.750	6	6	3	5	8	4	4	3	3	5
36.750	71.750	79.750	5	5	3	5	8	4	4	3	3	3
		83.750	5	5	3	5	8	4	4	3	3	3
		87.750	6	6	3	5	8	4	4	3	3	5
		91.750	6	6	3	5	8	4	4	3	3	5
		95.750	6	6	3	5	8	4	4	3	3	5

ANCHOR QUANTITIES FOR THE DOOR AND SIDE LITE TO BE DETERMINED INDEPENDENTLY.



TYP. ELEVATION OF XXO CONFIGURATION
(OXX SIMILAR)



LOAD ZONES FOR XXO CONFIGURATION
(OXX SIMILAR)

Design Pressure	
Reinforced:	See Sheet 2, Tables 1 & 2
Unreinforced:	See Sheet 2, Tables 3 & 4

NOTES:

- 1) SEE SHEET 1 FOR GLASS AND ANCHOR TYPE DESCRIPTIONS.
- 2) DOORS MAY BE LEFT OR RIGHT-HANDED.
- 3) ANCHOR QUANTITIES ARE BASED ON SPACING AS FOLLOWS (4" MIN. O.C. FOR CONCRETE, 4" MIN. O.C. FOR CMU):
JAMBS (ALL): 13-1/4" MAX. FROM CORNERS AND 23-1/8" MAX. O.C.
HEAD & SILL OF DOORS: 6" MAX. FROM CORNERS, 9" MAX. FROM ASTRAGAL CENTERS AND 20-7/8" MAX. O.C.
HEAD & SILL OF SIDE LITES: 6" MAX. FROM CORNERS AND 24-3/4" MAX. O.C.
- 4) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SIZE.
- 5) FOR ANCHORAGE INSTALLATION DETAILS SEE SHEETS 14 & 15.
- 6) CONFIGURATIONS WHERE THE DOOR LOCKSTILE ABUTS A SIDE LITE ARE NOT AVAILABLE WITH REINFORCEMENT.
- 7) SIDE LITE OVERLAPS DOOR BY 3/4" ONCE ASSEMBLED.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0724.03
Expiration Date 08/02/2027
By 
Miami-Dade Product Control

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BUILDING CODE.

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<div>PGT</div> <div>Custom Windows and Doors</div>		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296			
		1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600					
Series	FD101-NI	Sheet	12 OF 15	DWG No.	11005-2	Rev.	H
Desc.		XXO & OXX DETAILS		JENS ROSOWSKI			
Title		ALUM. FRENCH DOOR & SIDE LITES (NI)		Date	04/04/12		
				By			

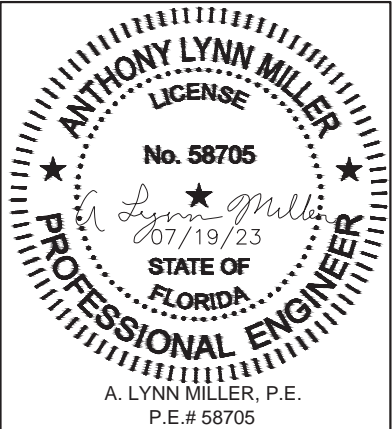
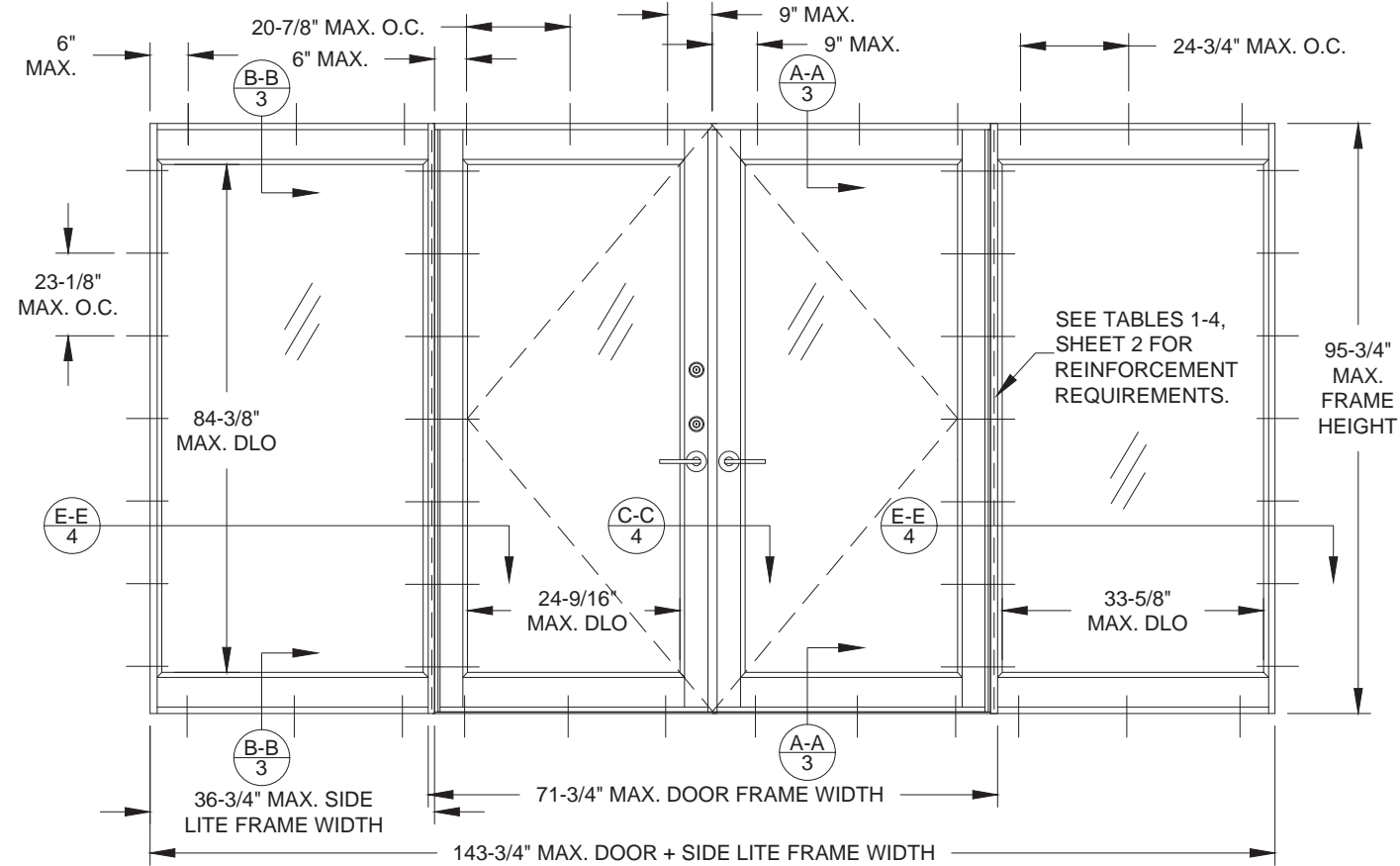


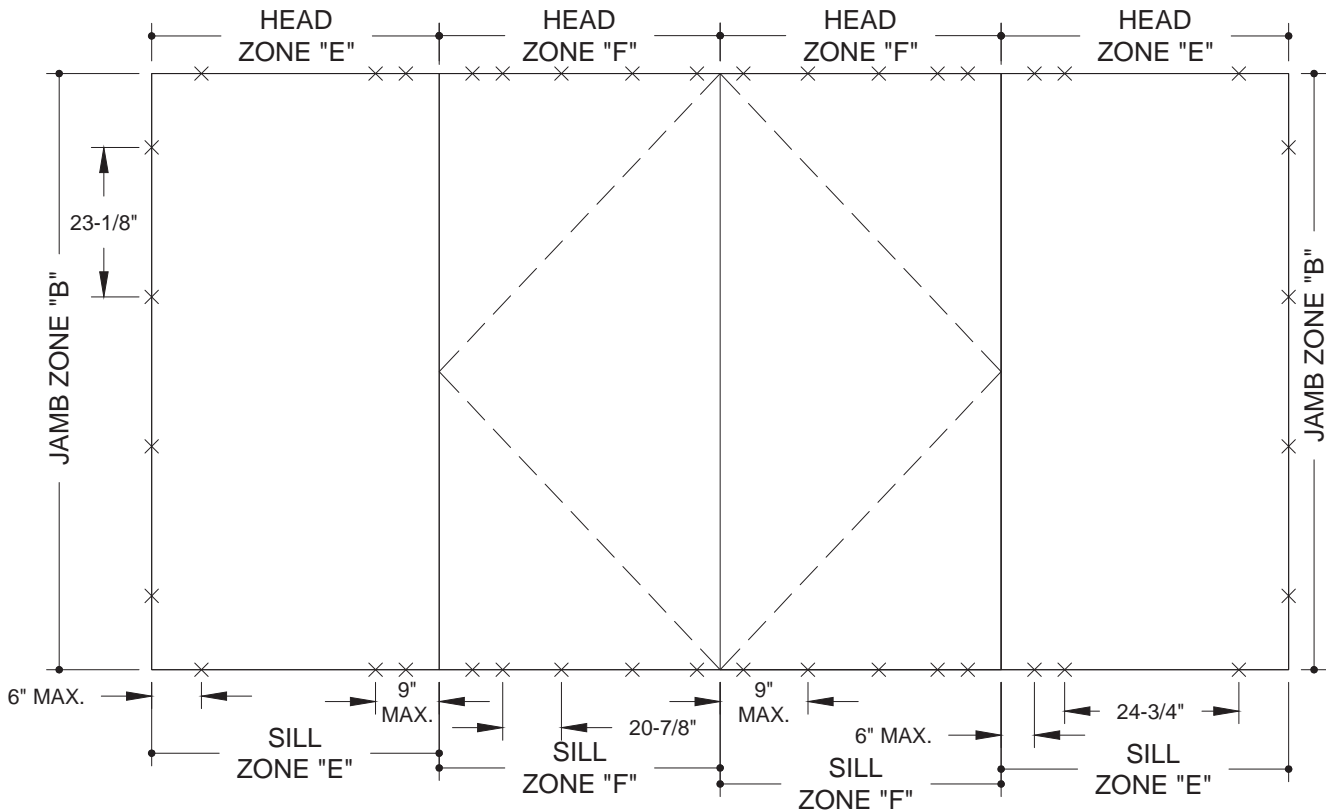
TABLE 11:

OXXO DOORS, GLASS TYPES A & B											
ANCHOR TYPE & SUBSTRATE			2,3, WOOD 3 ALUM			1,2, CONCRETE					
			LOAD ZONES								
			O - JAMB "B"	O - HEAD & SILL "E"	XX - HEAD & SILL "F"	O - JAMB "B"	O - HEAD & SILL "E"	XX - HEAD & SILL "F"			
MAX SIDE LITE FRAME WIDTH	MAX 'XX' DOOR FRAME WIDTH	MAX FRAME HEIGHT	10.750	47.750	79.750	4	3	8	4	2	5
		83.750			5	3	7	4	2	5	
		87.750			5	3	7	4	2	5	
		91.750			5	3	7	4	2	5	
		95.750			5	3	7	4	2	5	
12.750	51.750	79.750	5	3	8	4	2	5			
		83.750	5	3	8	4	2	5			
		87.750	5	3	7	4	2	5			
		91.750	6	3	7	4	3	5			
		95.750	6	3	7	4	3	5			
19.000	55.750	79.750	6	3	8	4	3	5			
		83.750	6	3	8	4	3	5			
		87.750	6	3	8	4	3	5			
		91.750	6	3	8	4	3	5			
		95.750	6	3	7	4	3	5			
21.750	59.750	79.750	6	3	8	4	3	5			
		83.750	6	3	8	4	3	5			
		87.750	6	3	8	4	3	5			
		91.750	6	3	8	4	3	5			
		95.750	6	3	8	4	3	5			
27.750	63.750	79.750	6	3	8	4	3	5			
		83.750	6	3	8	4	3	5			
		87.750	6	3	8	4	3	5			
		91.750	6	3	8	4	3	5			
		95.750	6	3	8	4	3	5			
36.125	67.750	79.750	5	3	8	4	3	3			
		83.750	6	3	8	4	3	5			
		87.750	6	3	8	4	3	5			
		91.750	6	3	8	4	3	5			
		95.750	6	3	8	4	3	5			
36.750	71.750	79.750	5	3	8	4	3	3			
		83.750	5	3	8	4	3	3			
		87.750	6	3	8	4	3	5			
		91.750	6	3	8	4	3	5			
		95.750	6	3	8	4	3	5			

ANCHOR QUANTITIES FOR THE DOOR AND SIDE LITE TO BE DETERMINED INDEPENDENTLY.



TYP. ELEVATION OF OXXO CONFIGURATION



LOAD ZONES FOR OXXO CONFIGURATION & ANCHORAGE LAYOUT USED IN EXAMPLE

Design Pressure	
Reinforced:	See Sheet 2, Tables 1 & 2
Unreinforced:	See Sheet 2, Tables 3 & 4

NOTES:

- 1) SEE SHEET 1 FOR GLASS AND ANCHOR TYPE DESCRIPTIONS.
- 2) DOORS MAY BE LEFT OR RIGHT-HANDED.
- 3) ANCHOR QUANTITIES ARE BASED ON SPACING AS FOLLOWS (4" MIN. O.C. FOR CONCRETE, 4" MIN. O.C. FOR CMU):
JAMBS (ALL): 13-1/4" MAX. FROM CORNERS AND 23-1/8" MAX. O.C.
HEAD & SILL OF DOORS: 6" MAX. FROM CORNERS, 9" MAX. FROM ASTRAGAL CENTERS AND 20-7/8" MAX. O.C.
HEAD & SILL OF SIDE LITES: 6" MAX. FROM CORNERS AND 24-3/4" MAX. O.C.
- 4) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SIZE.
- 5) FOR ANCHORAGE INSTALLATION DETAILS SEE SHEETS 14 & 15.
- 6) CONFIGURATIONS WHERE THE DOOR LOCKSTILE ABUTS A SIDE LITE ARE NOT AVAILABLE WITH REINFORCEMENT.
- 7) SIDE LITE OVERLAPS DOOR BY 3/4" ONCE ASSEMBLED.

EXAMPLE:
OXXO WITH GLASS TYPE B,
71-3/4" WIDE X 95-3/4" HIGH DOUBLE DOOR
WITH (2) 36-3/4" X 95-3/4" SIDE LITES,
ANCHOR TYPE 2 INTO CONCRETE,
OVERALL DESIGN PRESSURE = +65 / -65 PSF,
SEE EXAMPLE 6, SHEET 2 FOR DP EXAMPLE

DOOR ANCHOR REQUIREMENTS FROM TABLE 11:
4 ANCHORS @ EACH SIDE LITE JAMB
5 ANCHORS EACH DOOR PANEL @ HEAD
5 ANCHORS EACH DOOR PANEL @ SILL
3 ANCHORS EACH SIDE LITE @ HEAD
3 ANCHORS EACH SIDE LITE @ SILL

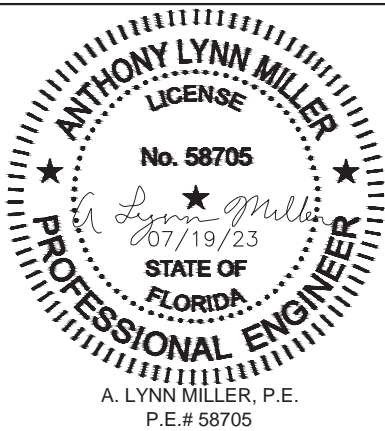
SEE CIRCLED VALUES ON TABLE 11.
X = DENOTES ANCHOR LOCATION.

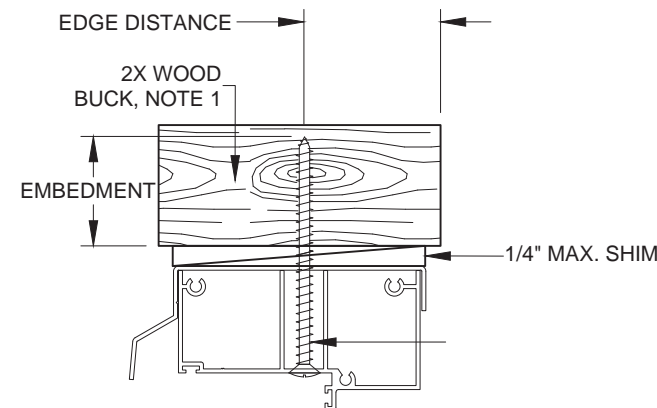
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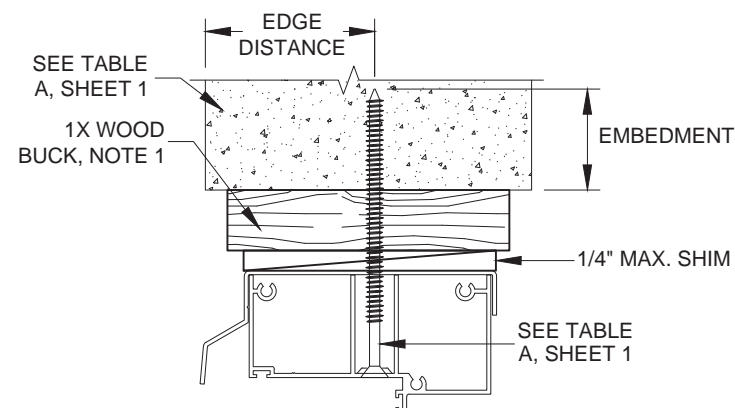
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		ALUM. FRENCH DOOR & SIDE LITES (NI)				
PGT Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	OXXO DETAILS	FD101-NI	13 OF 15	Sheet	13 OF 15	DWG No.

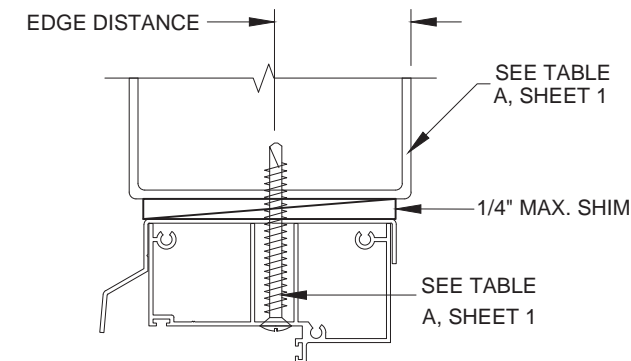




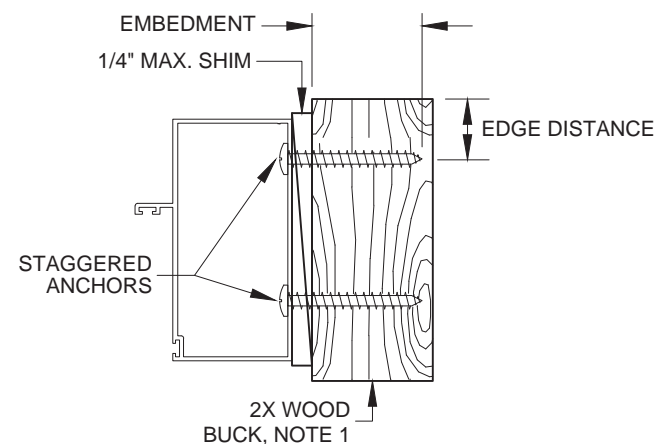
DOOR HEAD (WOOD)



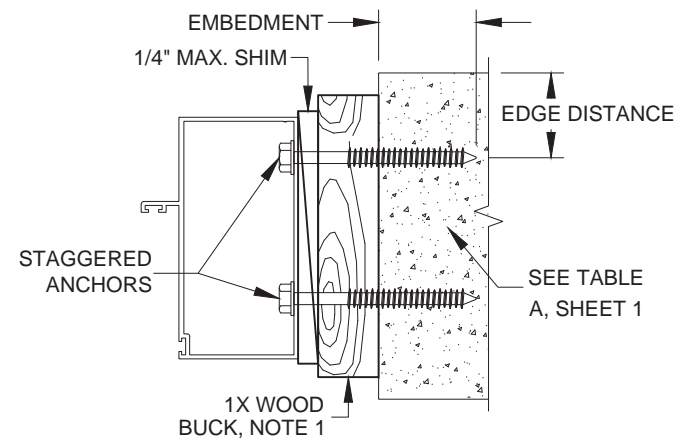
DOOR HEAD (CONC)



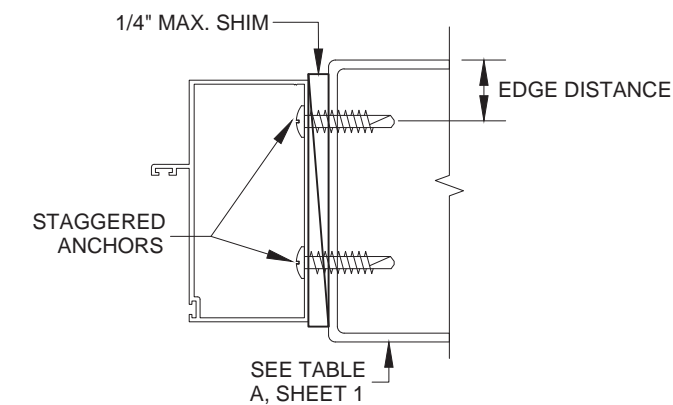
DOOR HEAD (ALUMINUM)



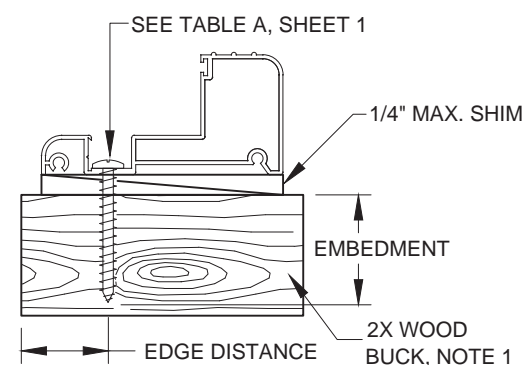
DOOR JAMB (WOOD)



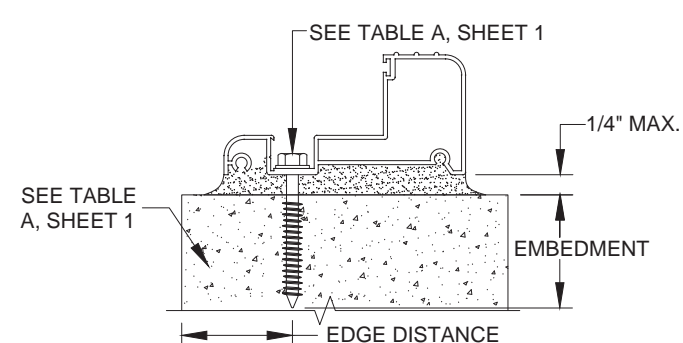
DOOR JAMB (CONC)



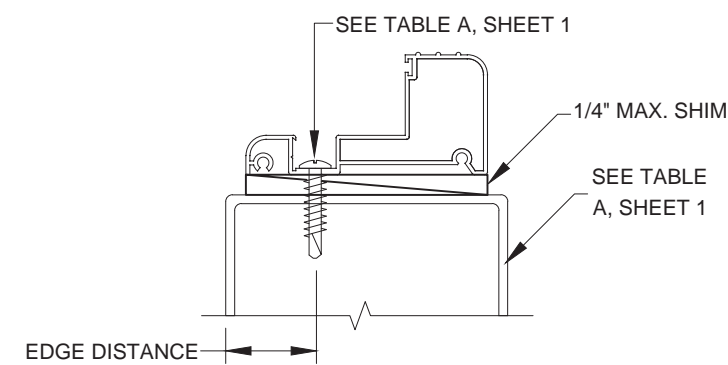
DOOR JAMB (ALUMINUM)



DOOR SILL (WOOD)



DOOR SILL (CONC)

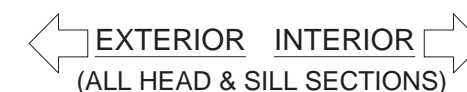


DOOR SILL (ALUMINUM)

1. WOOD BUCKS DEPICTED AS 1x ARE LESS THAN 1 1/2" THICK. 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. INSTALLATION TO THE SUBSTRATE OF WOOD BUCKS TO BE ENGINEERED BY OTHERS OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION (AHJ).

2. IF SILL IS TIGHT TO SUBSTRATE, GROUT OR OTHER MATERIAL IS NOT REQUIRED. IF USED, NON-SHRINK, NON-METALLIC GROUT (3350 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.

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



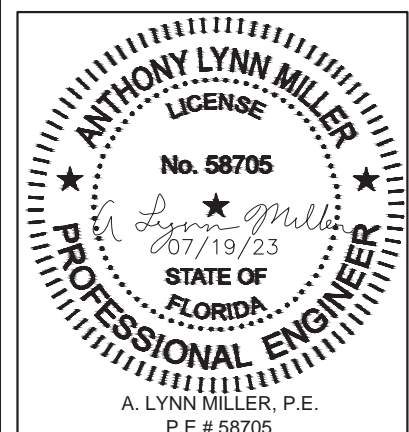
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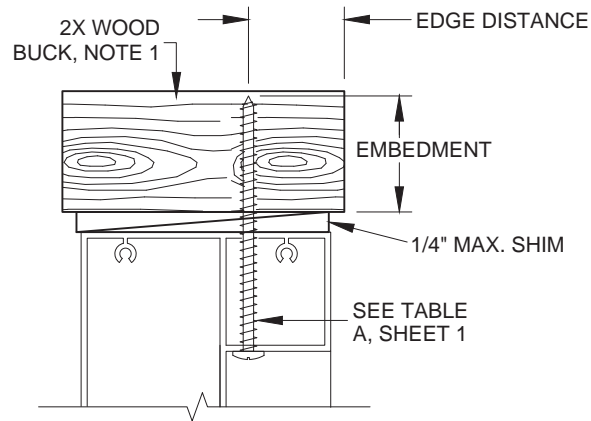
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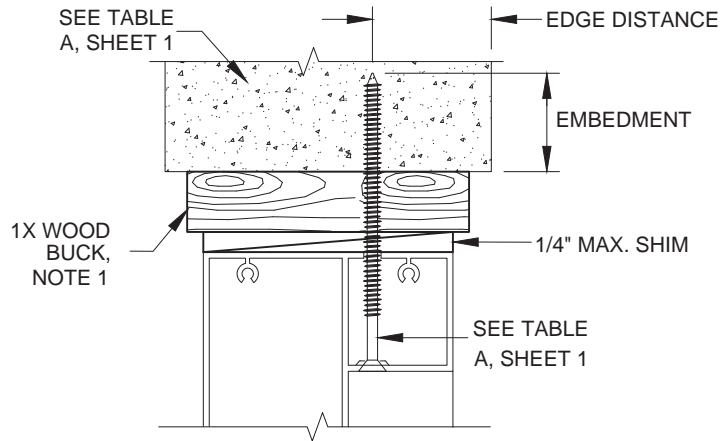
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	04/04/12	By	JENS ROSOWSKI	DWG No.	11005-2	Rev.	H
		ALUM. FRENCH DOOR & SIDE LITES (NI)		DOOR INSTALL DETAILS		14 OF 15	FD101-NI		

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1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

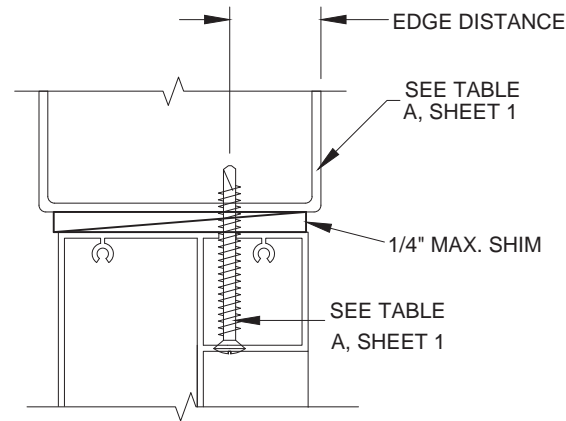




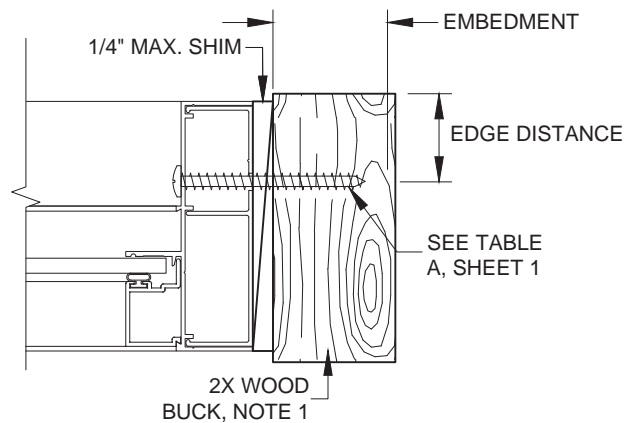
SIDE LITE HEAD (WOOD)



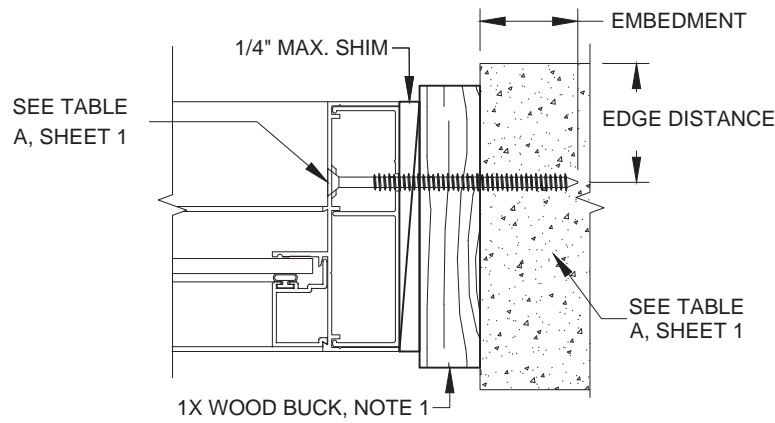
SIDE LITE HEAD (CONC)



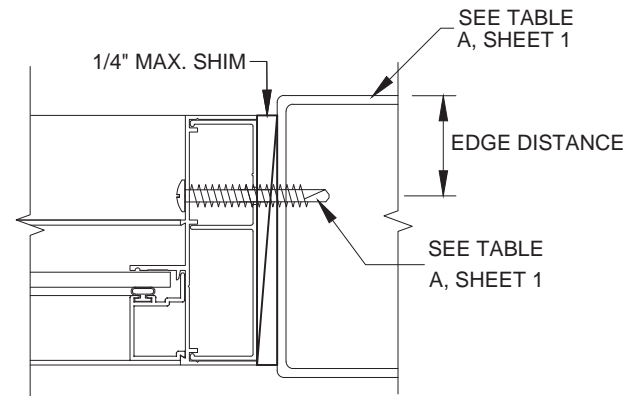
SIDE LITE HEAD (ALUMINUM)



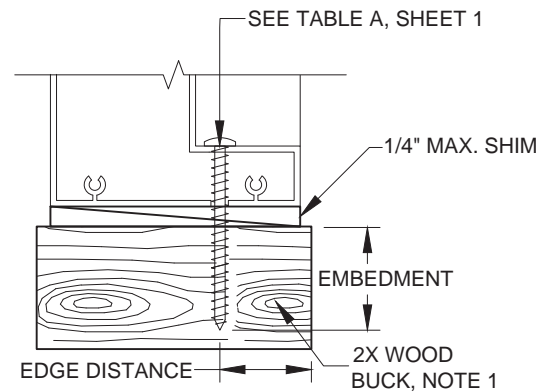
SIDE LITE JAMB (WOOD)



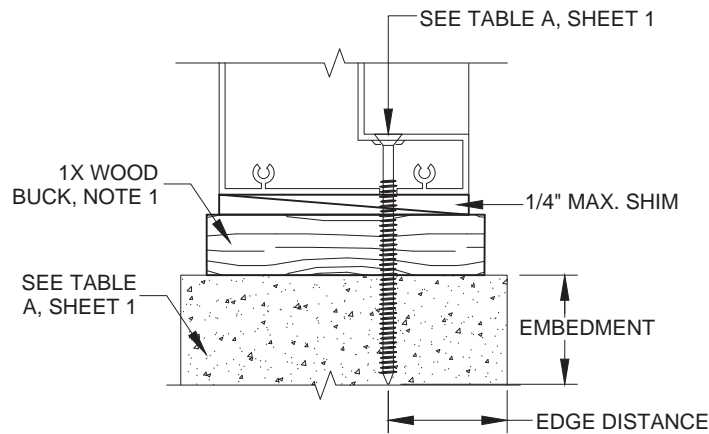
SIDE LITE JAMB (CONC)



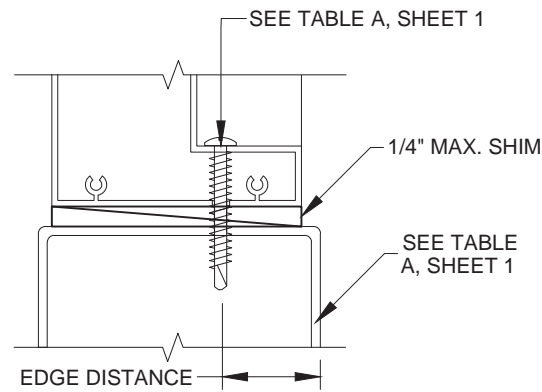
SIDE LITE JAMB (ALUMINUM)



SIDE LITE SILL (WOOD)

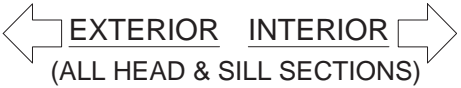


SIDE LITE SILL (CONC)



SIDE LITE SILL (ALUMINUM)

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				Date	
ALUM. FRENCH DOOR & SIDE LITES (NI)		By		JENS ROSOWSKI	
		Drawn			
SIDE LITES INSTALL DETAILS		DWG No.		11005-2	
FD101-NI		15 OF 15		Rev.	
Sheet				H	
Series		Desc.			
Title					

