

GENERAL NOTES: SE-3450 OUTSWING STOREFRONT ENTRANCE DOOR

FLORIDA PRODUCT APPROVAL # 25573

DESIGN PRESSURE RATING	IMPACT RATING
SEE TABLES ON SHEETS 2-6	NOT RATED FOR IMPACT RESISTANCE

- 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 REQUIRED PER FBC REQUIREMENTS, WHEN USED IN WIND-BORNE DEBRIS REGIONS.
- 3) DESIGN PRESSURES:
- A) NEGATIVE DESIGN LOADS BASED ON STRUCTURAL TESTING AND GLASS PER ASTM E1300
- B) POSITIVE DESIGN LOADS BASED ON WATER INFILTRATION, STRUCTURAL TESTING AND GLASS PER ASTM E1300
- C) DESIGN LOADS ARE BASED ON ALLOWABLE STRESS DESIGN, ASD.
- 4) 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.
- 5) FRAME CORNERS TO BE SEALED WITH NARROW JOINT SEALANT. OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.
- 6) DOOR SIZES MUST BE VERIFIED FOR COMPLIANCE WITH EGRESS REQUIREMENTS OF THE FBC, AS APPLICABLE.
- 7) 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.
- 8) REFERENCES: DEWALT ANCHOR NOA'S; TEST REPORTS FTL 19-9235, FTL-7137 & FTL-8842.
- 9) THIS DOOR SYSTEM MAY BE USED WITH ANY COMPATIBLE CGI-COMMERCIAL STOREFRONT WINDOW SYSTEM. WINDOW SYSTEM MUST HAVE ITS OWN APPROVAL.

ANCHOR NOTES:

- 1) FOR CONCRETE/CMU SUBSTRATE APPLICATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED ANCHORS. SEE TABLE A ON THIS SHEET FOR EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS.
- 2) FOR SUBSTRATE APPLICATIONS SEE TABLE A ON THIS SHEET.
- 3) WOOD BUCKS DEPICTED AS 1X ARE LESS THAN 1-1/2" THICK. PROPERLY SECURED, 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SOLID CONCRETE OR CMU. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD & TO BE REVIEWED BY THE BUILDING OFFICIAL.
- 4) 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 A, THIS SHEET.
- 3) VERIFY THAT THE CHOSEN THRESHOLD MEETS THE REQUIRED POSITIVE (+) DESIGN PRESSURE FROM TABLE C, SHEET 8.
- 4) DETERMINE THE DOOR DESIGN PRESSURE AND ANCHOR QUANTITIES FROM SHEETS 2-6. IF NECESSARY, REFERENCE THE DESIGN PRESSURE OF THE STOREFRONT WINDOW FROM IT'S OWN SEPARATE APPROVAL.
- 5) DETERMINE THE MAXIMUM DESIGN PRESSURE DUE TO HARDWARE FROM SHEETS 12-14.
- 6) THE LOWEST DESIGN PRESSURE FROM ANY ABOVE, SHALL BE USED FOR THE ENTIRE ASSEMBLY.

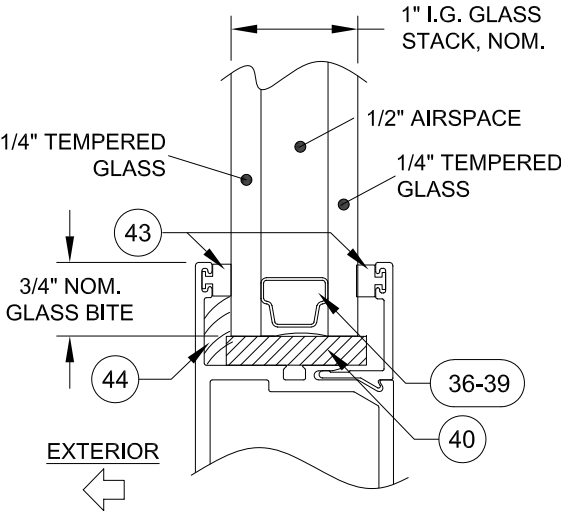
TABLE A:

Group	Anchor	Substrate	Min. Edge Distance	Min. Embedment	Min. O.C. Distance
A	#14 Steel or 410 SS SMS (G5)	Southern Pine (SG=0.55)	1"	1-3/8"	1"
		Aluminum, 6063-T5 (0.125" min. thickness)	3/8"	1/8"	3/4"
		Steel Stud, Gr 33 (18 Ga.)	3/8"	0.045"	3/4"
B	1/4" DeWalt Ultracon+	Concrete (min. 3.00 ksi)	1"	1-3/4"	3"
		Concrete (min. 3.00 ksi)	1"	1-3/8"	4"
C	1/4" DeWalt Ultracon+	Concrete (min. 3.00 ksi)	2-1/2"	1-3/4"	3"
		Concrete (min. 3.00 ksi)	2-1/2"	1-3/8"	4"
D	1/4" DeWalt 410 S.S. Crete-Flex	Concrete (min. 3.35 ksi)	2-1/2"	1-3/4"	3"
	5/16" DeWalt Ultracon	Concrete (min. 3.5 ksi)	3-1/8"	2"	3"

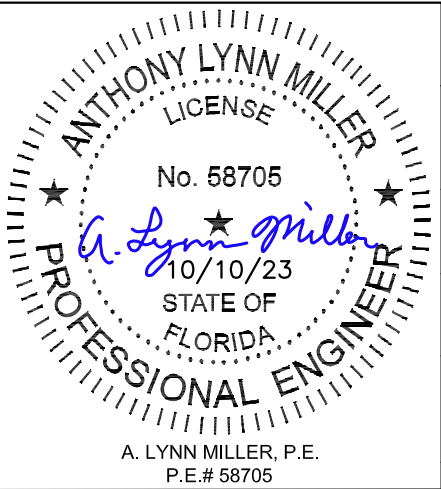
- 1) MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE. METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
- 2) ALL ANCHOR HEAD TYPES ARE ALLOWED.

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



GLAZING DETAIL



 CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018; (305) 593-6590 PREPARED BY: A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275; (941) 480-1600 COPYRIGHT © 2023 CGI WINDOWS & DOORS, INC. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING. REGISTRATION # 29296	Revised By:	Date:	Revision:		
	Revised By:	Date:	Revision:		
	Description: GENERAL NOTES			Drawn By: J ROSOWSKI	
	Title: STOREFRONT ENTRANCE DOOR DETAILS - NI			Date: 10/10/23	
	Series/Model: SE-3450	Scale: NTS	Sheet: 1 OF 14	Drawing No. 3450-FPA-1	Rev: -

TABLE 1A:

Anchor Qty. Req'd @ Corner						
X		Door Frame Width				
		30"	36"	42"	48"	51-1/2"
Overall Height	78"	Anchor A	2	2	2	2
		Anchor B	5	5	5	5
		Anchor C	2	2	2	2
		Anchor D	2	2	2	2
	84"	Anchor A	2	2	2	2
		Anchor B	5	5	5	5
		Anchor C	2	2	2	2
		Anchor D	2	2	2	2
	90"	Anchor A	2	2	2	2
		Anchor B	5	5	5	5
		Anchor C	2	2	2	2
		Anchor D	2	2	2	2
	97-3/4"	Anchor A	2	2	2	2
		Anchor B	5	5	5	5
		Anchor C	2	2	2	2
		Anchor D	2	2	2	2
	108"	Anchor A	2	2	2	2
		Anchor B	5	5	5	5
		Anchor C	2	2	2	2
		Anchor D	2	2	2	2
	120"	Anchor A	2	2	2	2
		Anchor B	5	5	5	5
		Anchor C	2	2	2	2
		Anchor D	2	2	2	2
	132"	Anchor A	3	3	3	3
		Anchor B	5	5	5	5
		Anchor C	2	2	2	2
		Anchor D	2	2	2	2
	144"	Anchor A	3	3	3	3
		Anchor B	6	6	6	6
		Anchor C	2	2	2	2
		Anchor D	2	2	2	2

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

TABLE 1B:

Design Pressure (lbs/ft²)						
		Door Frame Width				
		30"	36"	42"	48"	51-1/2"
Overall Height	78"	+/-118.8	+/-99.0	+/-84.9	+/-74.3	+/-69.2
	84"	+/-110.4	+/-92.0	+/-78.8	+/-69.0	+/-64.3
	90"	+/-103.0	+/-85.8	+/-73.6	+/-64.4	+/-60.0
	97-3/4"	+/-94.8	+/-79.0	+/-67.7	+/-59.3	+/-55.2
	108"	+/-85.8	+/-71.5	+/-61.3	+/-53.6	+/-50.0
	120"	+/-77.3	+/-64.4	+/-55.2	+/-48.3	+/-45.0
	132"	+/-77.3	+/-64.4	+/-55.2	+/-48.3	+/-45.0
	144"	+/-77.3	+/-64.4	+/-55.2	+/-48.3	+/-45.0

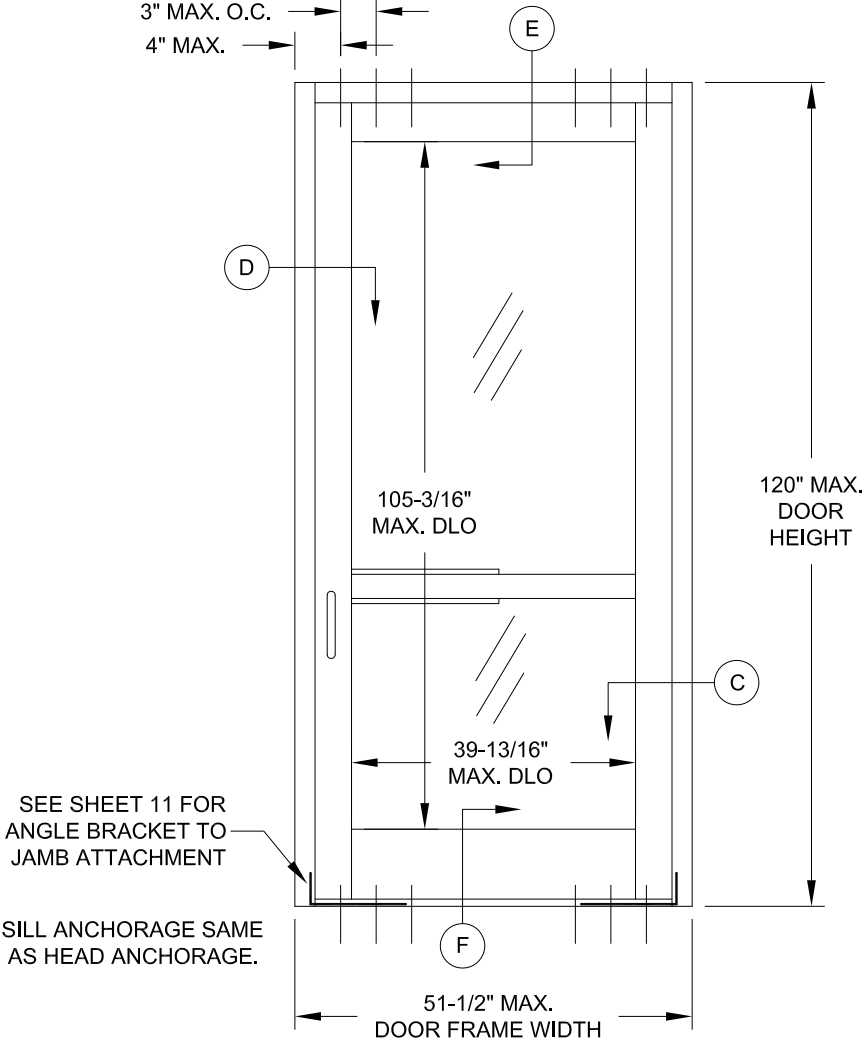
NOTES:

1) FOR DOORS REQUIRING WATER INFILTRATION RESISTANCE, SEE TABLE C, SHEET 8 FOR FURTHER DESIGN PRESSURE LIMITATIONS.

2) DOOR FRAME HEIGHTS OVER 97-3/4" OR DOOR FRAME WIDTHS OVER 39-1/2" REQUIRE SPECIAL HARDWARE OPTIONS 6-8 ON SHEET 14.

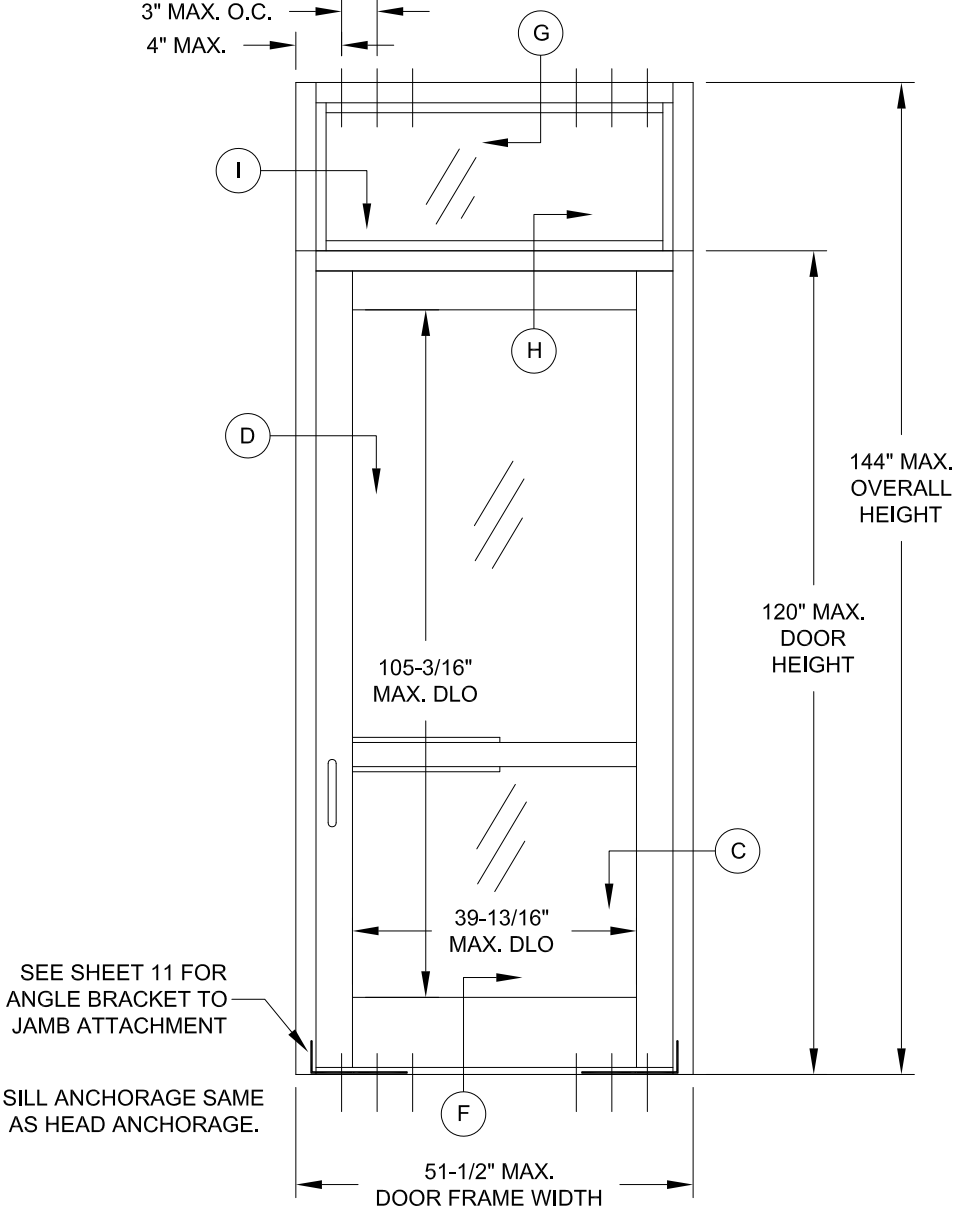
3) DOOR HARDWARE MAY LIMIT OVERALL DESIGN PRESSURE. SEE SHEETS 12-14.

CORNER ANCHORS:
SEE TABLE 1A
3" MAX. O.C.
4" MAX.

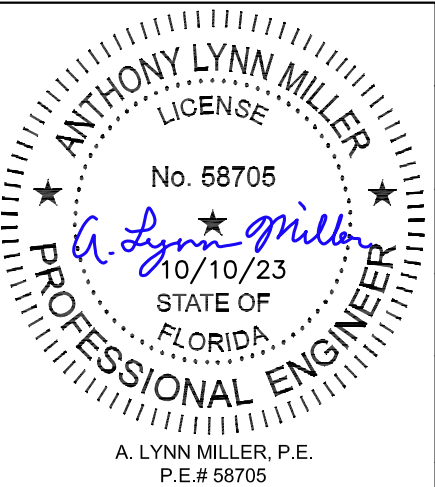


TYP. ELEVATION OF SINGLE
DOOR WITHOUT TRANSOM

CORNER ANCHORS:
SEE TABLE 1A
3" MAX. O.C.
4" MAX.



TYP. ELEVATION OF SINGLE
DOOR WITH TRANSOM





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Description:		Drawn By:
DESIGN PRESSURE & ANCHORAGE		J ROSOWSKI
Title:		Date:
STOREFRONT ENTRANCE DOOR DETAILS - NI		10/10/23
Series/Model:	Scale:	Sheet:
SE-3450	NTS	2 OF 14
Drawing No.		Rev:
3450-FPA-1		-

TABLE 2A:

Anchor Quantities Req'd @ Corner								
XX		Door Frame Width						
		60"	66"	72"	78"	84"	90"	99-1/2"
Overall Height	78"	Anchor A	2	2	2	2	2	2
		Anchor B	5	5	5	5	5	5
		Anchor C	2	2	2	2	2	2
		Anchor D	2	2	2	2	2	2
	84"	Anchor A	2	2	2	2	2	2
		Anchor B	5	5	5	5	5	5
		Anchor C	2	2	2	2	2	2
		Anchor D	2	2	2	2	2	2
	90"	Anchor A	2	2	2	2	2	2
		Anchor B	5	5	5	5	5	5
		Anchor C	2	2	2	2	2	2
		Anchor D	2	2	2	2	2	2
	97-3/4"	Anchor A	2	2	2	2	2	2
		Anchor B	5	5	5	5	5	5
		Anchor C	2	2	2	2	2	2
		Anchor D	2	2	2	2	2	2
	108"	Anchor A	2	2	2	2	2	2
		Anchor B	5	5	5	5	5	5
		Anchor C	2	2	2	2	2	2
		Anchor D	2	2	2	2	2	2
	120"	Anchor A	2	2	2	2	2	2
		Anchor B	5	5	5	5	5	5
		Anchor C	2	2	2	2	2	2
		Anchor D	2	2	2	2	2	2
	126"	Anchor A	2	2	2	2	2	2
		Anchor B	5	5	5	5	5	5
		Anchor C	2	2	2	2	2	2
		Anchor D	2	2	2	2	2	2
	144"	Anchor A	3	3	3	3	3	3
		Anchor B	6	6	6	6	6	6
		Anchor C	2	2	2	2	2	2
		Anchor D	2	2	2	2	2	2

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

TABLE 2C:

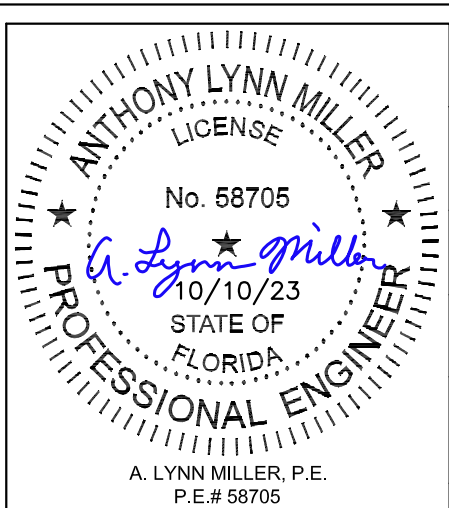
Design Pressure (lbs/ft²)								
		Door Frame Width						
		60"	66"	72"	78"	84"	90"	99-1/2"
Overall Height	78"	+/-114.8	+/-104.4	+/-95.7	+/-88.3	+/-82.0	+/-76.5	+/-69.2
	84"	+/-106.6	+/-96.9	+/-88.8	+/-82.0	+/-76.1	+/-71.1	+/-64.3
	90"	+/-99.5	+/-90.5	+/-82.9	+/-76.5	+/-71.1	+/-71.1	+/-66.3
	97-3/4"	+/-91.6	+/-83.3	+/-76.3	+/-70.5	+/-65.4	+/-61.1	+/-55.2
	108"	+/-82.9	+/-75.4	+/-69.1	+/-63.8	+/-59.2	+/-55.3	+/-50.0
	120"	+/-74.6	+/-67.8	+/-62.2	+/-57.4	+/-53.3	+/-49.8	+/-45.0
	132"	+/-74.6	+/-67.8	+/-62.2	+/-57.4	+/-53.3	+/-49.8	+/-45.0
	144"	+/-74.6	+/-67.8	+/-62.2	+/-57.4	+/-53.3	+/-49.8	+/-45.0

TABLE 2B:

Anchor Quantities Req'd @ Midspan								
XX		Door Frame Width						
		60"	66"	72"	78"	84"	90"	99-1/2"
Overall Height	78"	Anchor A	4	4	4	4	4	4
		Anchor B	9	9	9	9	9	9
		Anchor C	3	3	3	3	3	3
		Anchor D	3	3	3	3	3	3
	84"	Anchor A	4	4	4	4	4	4
		Anchor B	9	9	9	9	9	9
		Anchor C	3	3	3	3	3	3
		Anchor D	3	3	3	3	3	3
	90"	Anchor A	4	4	4	4	4	4
		Anchor B	9	9	9	9	9	9
		Anchor C	3	3	3	3	3	3
		Anchor D	3	3	3	3	3	3
	97-3/4"	Anchor A	4	4	4	4	4	4
		Anchor B	9	9	9	9	9	9
		Anchor C	3	3	3	3	3	3
		Anchor D	3	3	3	3	3	3
	108"	Anchor A	4	4	4	4	4	4
		Anchor B	9	9	9	9	9	9
		Anchor C	3	3	3	3	3	3
		Anchor D	3	3	3	3	3	3
	120"	Anchor A	4	4	4	4	4	4
		Anchor B	9	9	9	9	9	9
		Anchor C	3	3	3	3	3	3
		Anchor D	3	3	3	3	3	3
	126"	Anchor A	4	4	4	4	4	4
		Anchor B	9	9	9	9	9	9
		Anchor C	3	3	3	3	3	3
		Anchor D	3	3	3	3	3	3
	144"	Anchor A	5	5	5	5	5	5
		Anchor B	11	11	11	11	11	11
		Anchor C	4	4	4	4	4	4
		Anchor D	3	3	3	3	3	3

NOTES:

- 1) FOR DOORS REQUIRING WATER INFILTRATION RESISTANCE, SEE TABLE C, SHEET 8 FOR FURTHER DESIGN PRESSURE LIMITATIONS.
- 2) DOOR FRAME HEIGHTS OVER 97-3/4" OR DOOR FRAME WIDTHS OVER 99-1/2" REQUIRE SPECIAL HARDWARE OPTIONS 6-8 ON SHEET 14.
- 3) DOOR HARDWARE MAY LIMIT OVERALL DESIGN PRESSURE. SEE SHEETS 12-14.





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DESIGN PRESSURE & ANCHORAGE		J ROSOWSKI
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STOREFRONT ENTRANCE DOOR DETAILS - NI		10/10/23
Series/Model:	Scale:	Sheet:
SE-3450	NTS	3 OF 14
Drawing No.		Rev:
3450-FPA-1		-

TABLE 3A:

Anchor Quantity Req'd @ Corner						
XO			Door + Window Width			
			72"	84"	96"	112-1/4"
Overall Height	78"	Anchor A	3	3	3	3
		Anchor B	5	5	5	5
		Anchor C	2	2	2	2
		Anchor D	2	2	2	2
	84"	Anchor A	3	3	3	3
		Anchor B	5	5	5	5
		Anchor C	2	2	2	2
		Anchor D	2	2	2	2
	90"	Anchor A	3	3	3	3
		Anchor B	5	5	5	5
		Anchor C	2	2	2	2
		Anchor D	2	2	2	2
	98"	Anchor A	3	3	3	3
		Anchor B	5	5	5	5
		Anchor C	2	2	2	2
		Anchor D	2	2	2	2
	108"	Anchor A	3	3	3	3
		Anchor B	5	5	5	5
		Anchor C	2	2	2	2
		Anchor D	2	2	2	2
	120"	Anchor A	3	3	3	3
		Anchor B	5	5	5	5
		Anchor C	2	2	2	2
		Anchor D	2	2	2	2
	132"	Anchor A	3	3	3	3
		Anchor B	6	6	6	6
		Anchor C	2	2	2	2
		Anchor D	2	2	2	2
	144"	Anchor A	3	3	3	3
		Anchor B	6	6	6	6
		Anchor C	2	2	2	2
		Anchor D	2	2	2	2

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

TABLE 3C:

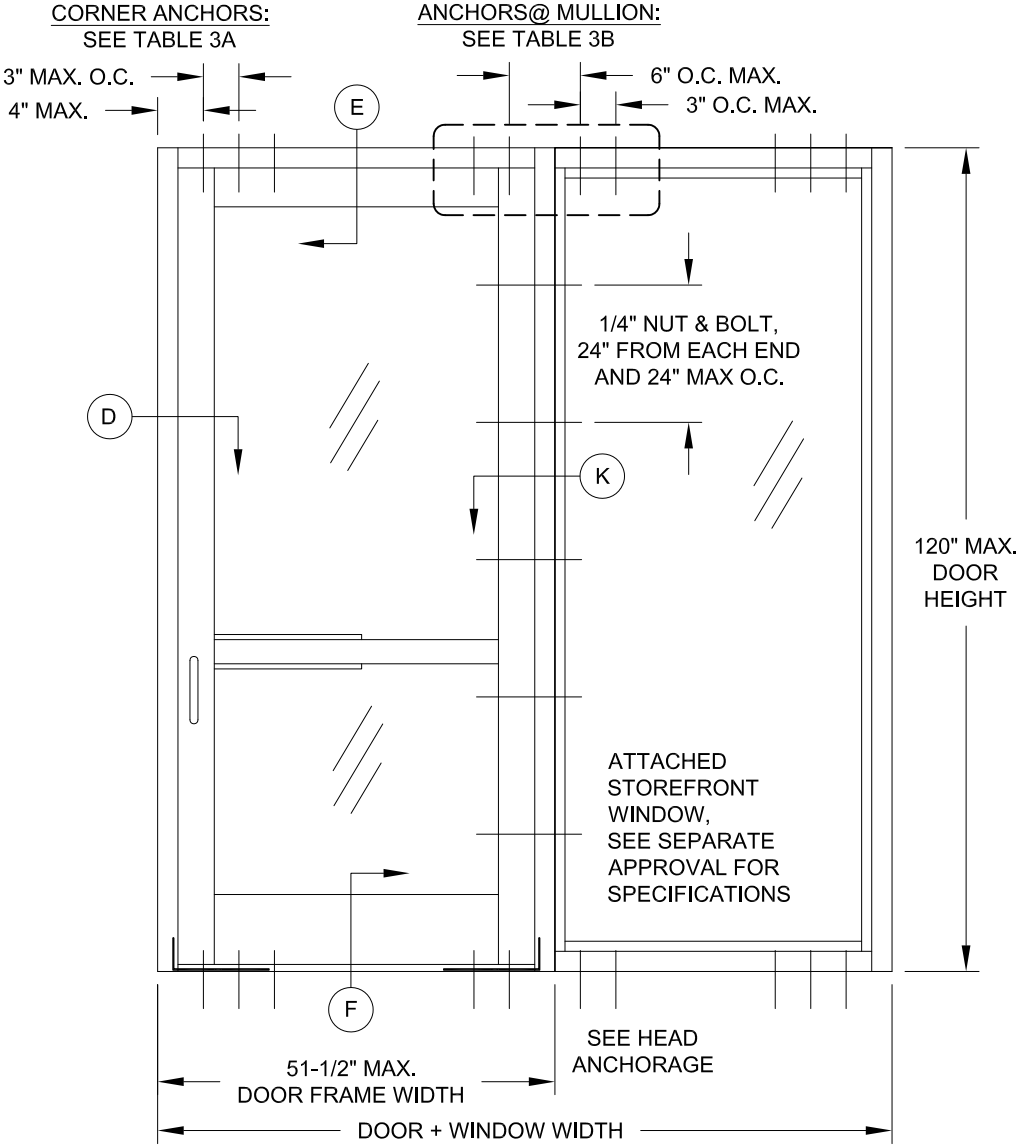
Design Pressure (lbs/ft²)					
		Door + Window Width			
		72"	84"	96"	112-1/4"
Overall Height	78"	+/-107.9	+/-92.5	+/-80.9	+/-69.2
	84"	+/-100.2	+/-85.9	+/-75.2	+/-64.3
	90"	+/-93.5	+/-80.2	+/-70.2	+/-60.0
	97-3/4"	+/-86.1	+/-73.8	+/-64.6	+/-55.2
	108"	+/-78.0	+/-66.8	+/-58.5	+/-50.0
	120"	+/-70.2	+/-60.1	+/-52.6	+/-45.0
	132"	+/-70.2	+/-60.1	+/-52.6	+/-45.0
	144"	+/-70.2	+/-60.1	+/-52.6	+/-45.0

NOTES:

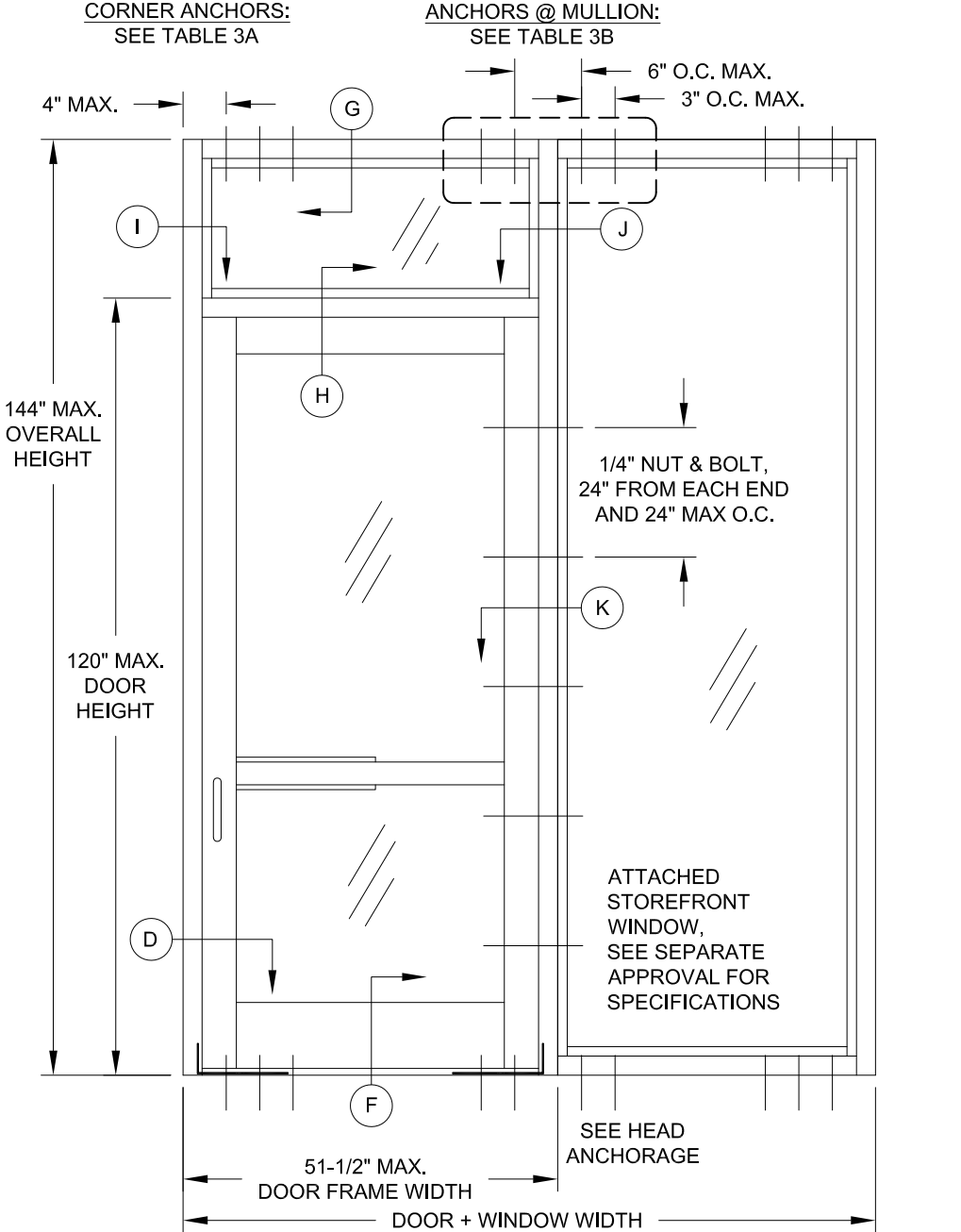
- 1) FOR DOORS REQUIRING WATER INFILTRATION RESISTANCE, SEE TABLE C, SHEET 8 FOR FURTHER DESIGN PRESSURE LIMITATIONS.
- 2) DOOR FRAME HEIGHTS OVER 97-3/4" OR DOOR FRAME WIDTHS OVER 39-1/2" REQUIRE SPECIAL HARDWARE OPTIONS 6-8 ON SHEET 14.
- 3) SEE SEPARATE APPROVAL FOR STOREFRONT WINDOW SPECIFICATIONS.
- 4) IF A SERIES OF STOREFRONT WINDOWS ARE USED, USE ONLY 1 WINDOW DIRECTLY ADJACENT TO THE DOOR IN DETERMINING THE DOOR + WINDOW FRAME WIDTH.
- 5) IF STOREFRONT WINDOWS ARE USED ON BOTH SIDES OF A DOOR (EX. OXO), DETERMINE THE DOOR + WINDOW FRAME WIDTH USING THE WIDER WINDOW.
- 6) THE LESSER DESIGN PRESSURE OF THE DOOR OR STOREFRONT WINDOW (SEE SEPARATE APPROVAL) SHALL GOVERN THE DESIGN PRESSURE FOR THE ENTIRE ASSEMBLY.
- 7) DOOR HARDWARE MAY LIMIT OVERALL DESIGN PRESSURE. SEE SHEETS 12-14.

TABLE 3B:

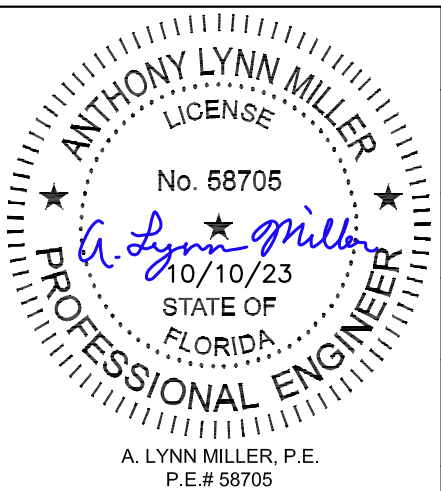
Anchor Qty. Req'd @ Door/Window Mullion						
XO			Door + Window Width			
			72"	84"	96"	112-1/4"
	78"	Anchor A	5	5	5	5
		Anchor B	10	10	10	10
		Anchor C	4	4	4	4
		Anchor D	3	3	3	3
	84"	Anchor A	5	5	5	5
		Anchor B	10	10	10	10
		Anchor C	4	4	4	4
		Anchor D	3	3	3	3
	90"	Anchor A	5	5	5	5
		Anchor B	10	10	10	10
		Anchor C	4	4	4	4
		Anchor D	3	3	3	3
	98"	Anchor A	5	5	5	5
		Anchor B	10	10	10	10
		Anchor C	4	4	4	4
		Anchor D	3	3	3	3
	108"	Anchor A	5	5	5	5
		Anchor B	10	10	10	10
		Anchor C	4	4	4	4
		Anchor D	3	3	3	3
	120"	Anchor A	5	5	5	5
		Anchor B	10	10	10	10
		Anchor C	4	4	4	4
		Anchor D	3	3	3	3
	132"	Anchor A	5	5	5	5
		Anchor B	11	11	11	11
		Anchor C	4	4	4	4
		Anchor D	3	3	3	3
	144"	Anchor A	5	5	5	5
		Anchor B	12	12	12	12
		Anchor C	4	4	4	4
		Anchor D	3	3	3	3



TYP. ELEVATION OF SINGLE DOOR WITH SIDELITE



TYP. ELEVATION OF SINGLE DOOR WITH TRANSOM & SIDELITE



CGI WINDOWS AND DOORS, INC.
3780 W 104TH STREET
HIALEAH, FL 33018; (305) 593-6590

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

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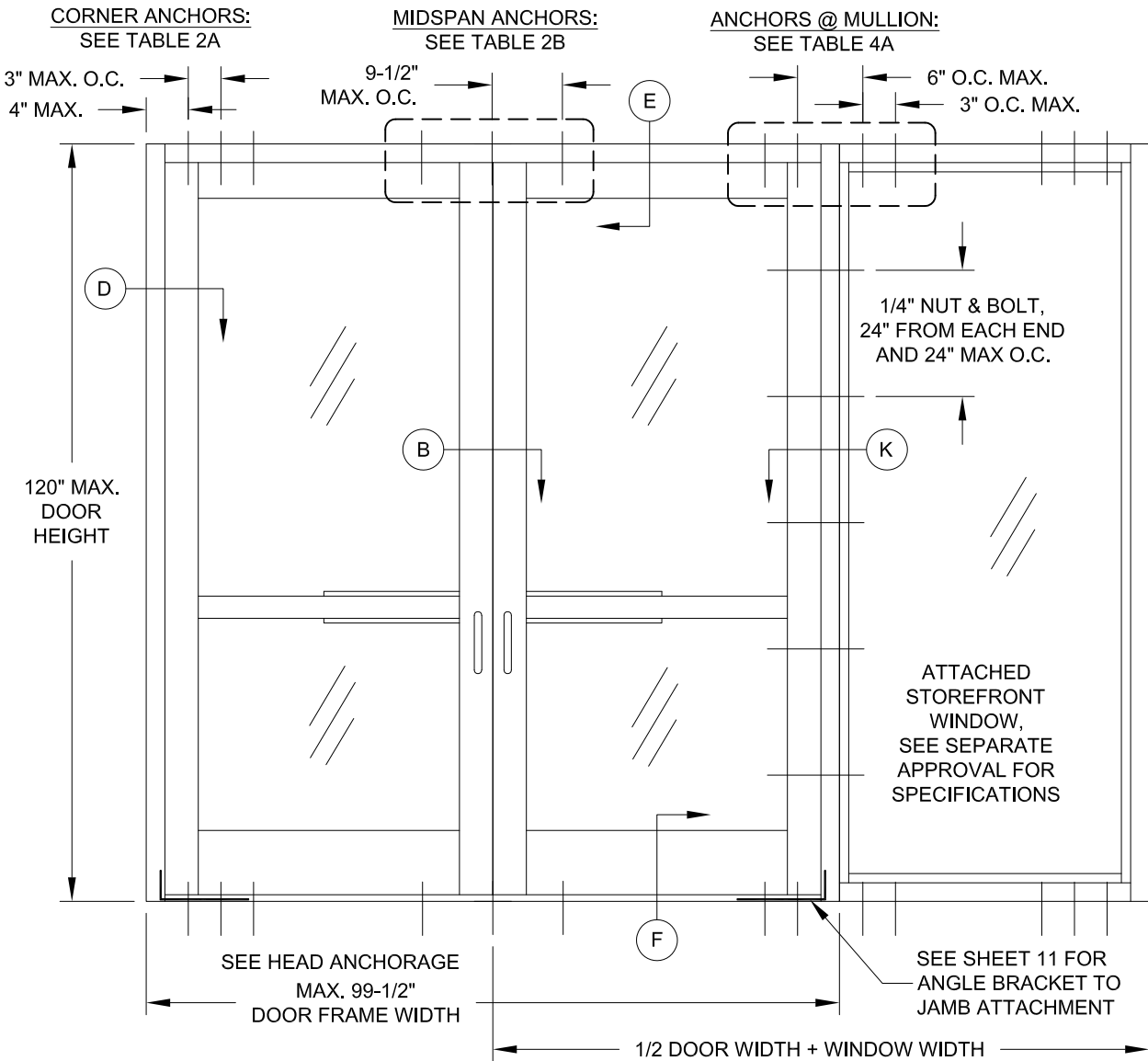
Revised By:	Date:	Revision:		
Revised By:	Date:	Revision:		
Description: DESIGN PRESSURE & ANCHORAGE		Drawn By: J ROSOWSKI		
Title: STOREFRONT ENTRANCE DOOR DETAILS - NI		Date: 10/10/23		
Series/Model: SE-3450	Scale: NTS	Sheet: 4 OF 14	Drawing No. 3450-FPA-1	Rev: -

TABLE 4A:

Anchor Quantities Req'd @ Door/Window Mullion						
XXO no Transom		1/2 Door + Window Width				
		72"	84"	96"	110-1/2"	
Door Height	78"	Anchor A	5	5	5	5
		Anchor B	10	10	10	10
		Anchor C	4	4	4	4
		Anchor D	3	3	3	3
	84"	Anchor A	5	5	5	5
		Anchor B	10	10	10	10
		Anchor C	4	4	4	4
		Anchor D	3	3	3	3
	90"	Anchor A	5	5	5	5
		Anchor B	10	10	10	10
		Anchor C	4	4	4	4
		Anchor D	3	3	3	3
	97-3/4"	Anchor A	5	5	5	5
		Anchor B	10	10	10	10
		Anchor C	4	4	4	4
		Anchor D	3	3	3	3
	108"	Anchor A	5	5	5	5
		Anchor B	10	10	10	10
		Anchor C	4	4	4	4
		Anchor D	3	3	3	3
	120"	Anchor A	5	5	5	5
		Anchor B	10	10	10	10
		Anchor C	4	4	4	4
		Anchor D	3	3	3	3

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

- NOTES:
- 1) FOR DOORS REQUIRING WATER INFILTRATION RESISTANCE, SEE TABLE C, SHEET 8 FOR FURTHER DESIGN PRESSURE LIMITATIONS.
- 2) DOOR FRAME HEIGHTS OVER 97-3/4" OR DOOR FRAME WIDTHS OVER 39-1/2" REQUIRE SPECIAL HARDWARE OPTIONS 6-8 ON SHEET 14.
- 3) SEE SEPARATE APPROVAL FOR STOREFRONT WINDOW SPECIFICATIONS.
- 4) IF A SERIES OF STOREFRONT WINDOWS ARE USED, USE ONLY 1 WINDOW DIRECTLY ADJACENT TO THE DOOR IN DETERMINING THE DOOR + WINDOW FRAME WIDTH.
- 5) IF STOREFRONT WINDOWS ARE USED ON BOTH SIDES OF A DOOR (EX. OXO), DETERMINE THE DOOR + WINDOW FRAME WIDTH USING THE WIDER WINDOW.
- 6) THE LESSER DESIGN PRESSURE OF THE DOOR OR STOREFRONT WINDOW (SEE SEPARATE APPROVAL) SHALL GOVERN THE DESIGN PRESSURE FOR THE ENTIRE ASSEMBLY.
- 7) DOOR HARDWARE MAY LIMIT OVERALL DESIGN PRESSURE. SEE SHEETS 12-14.



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

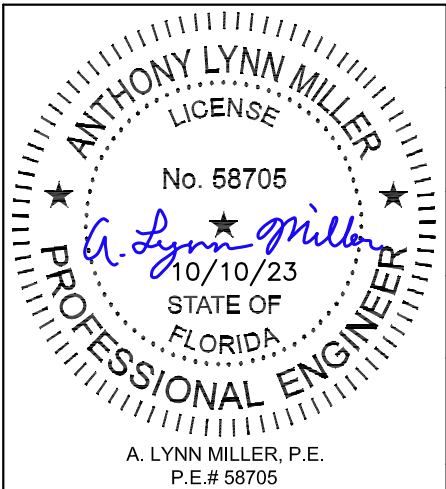
TABLE 4B:

Design Pressure (lbs/ft ²) of Door								
		Door Frame Width						
		60"	66"	72"	78"	84"	90"	99-1/2"
Door Height	78"	+/-114.8	+/-104.4	+/-95.7	+/-88.3	+/-82.0	+/-76.5	+/-69.2
	84"	+/-106.6	+/-96.9	+/-88.8	+/-82.0	+/-76.1	+/-71.1	+/-64.3
	90"	+/-99.5	+/-90.5	+/-82.9	+/-76.5	+/-71.1	+/-71.1	+/-66.3
	97-3/4"	+/-91.6	+/-83.3	+/-76.3	+/-70.5	+/-65.4	+/-61.1	+/-55.2
	108"	+/-82.9	+/-75.4	+/-69.1	+/-63.8	+/-59.2	+/-55.3	+/-50.0
	120"	+/-74.6	+/-67.8	+/-62.2	+/-57.4	+/-53.3	+/-49.8	+/-45.0

TABLE 4C:

Design Pressure (lbs/ft ²) of Door/Window Mullion					
		1/2 Door + Window Width			
		72"	84"	96"	110-1/2"
Door Height	78"	+/-106.3	+/-91.1	+/-79.7	+/-69.2
	84"	+/-98.7	+/-84.6	+/-74.0	+/-64.3
	90"	+/-92.1	+/-78.9	+/-69.1	+/-60.0
	97-3/4"	+/-84.8	+/-72.7	+/-63.6	+/-55.2
	108"	+/-76.7	+/-65.8	+/-57.6	+/-50.0
	120"	+/-69.1	+/-59.2	+/-51.8	+/-45.0

THE LOWER VALUE FROM TABLE 4B AND 4C SHALL BE THE DESIGN PRESSURE FOR THE ENTIRE UNIT.



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Description:		Drawn By:
DESIGN PRESSURE & ANCHORAGE		J ROSOWSKI
Title:		Date:
STOREFRONT ENTRANCE DOOR DETAILS - NI		10/10/23
Series/Model:	Scale:	Sheet:
SE-3450	NTS	5 OF 14
Drawing No.		Rev:
3450-FPA-1		-

TABLE 5A:

Anchor Quantities Req'd @ Door/Window Mullion									
XXO with Transom			Door + Window Width						
			84"	96"	108"	120"	132"	144"	160-1/4"
Overall Height	90"	Anchor A	6	6	6	6	6	6	6
		Anchor B	14	14	14	14	14	14	14
		Anchor C	5	5	5	5	5	5	5
		Anchor D	4	4	4	4	4	4	4
	97-3/4"	Anchor A	6	6	6	6	6	6	6
		Anchor B	14	14	14	14	14	14	14
		Anchor C	5	5	5	5	5	5	5
		Anchor D	4	4	4	4	4	4	4
	108"	Anchor A	6	6	6	6	6	6	6
		Anchor B	14	14	14	14	14	14	14
		Anchor C	5	5	5	5	5	5	5
		Anchor D	4	4	4	4	4	4	4
	120"	Anchor A	6	6	6	6	6	6	6
		Anchor B	14	14	14	14	14	14	14
		Anchor C	5	5	5	5	5	5	5
		Anchor D	4	4	4	4	4	4	4
	132"	Anchor A	7	7	7	7	7	7	7
		Anchor B	15	15	15	15	15	15	15
		Anchor C	5	5	5	5	5	5	5
		Anchor D	4	4	4	4	4	4	4
	144"	Anchor A	7	7	7	7	7	7	7
		Anchor B	17	17	17	17	17	17	17
		Anchor C	6	6	6	6	6	6	6
		Anchor D	4	4	4	4	4	4	4

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

TABLE 5B:

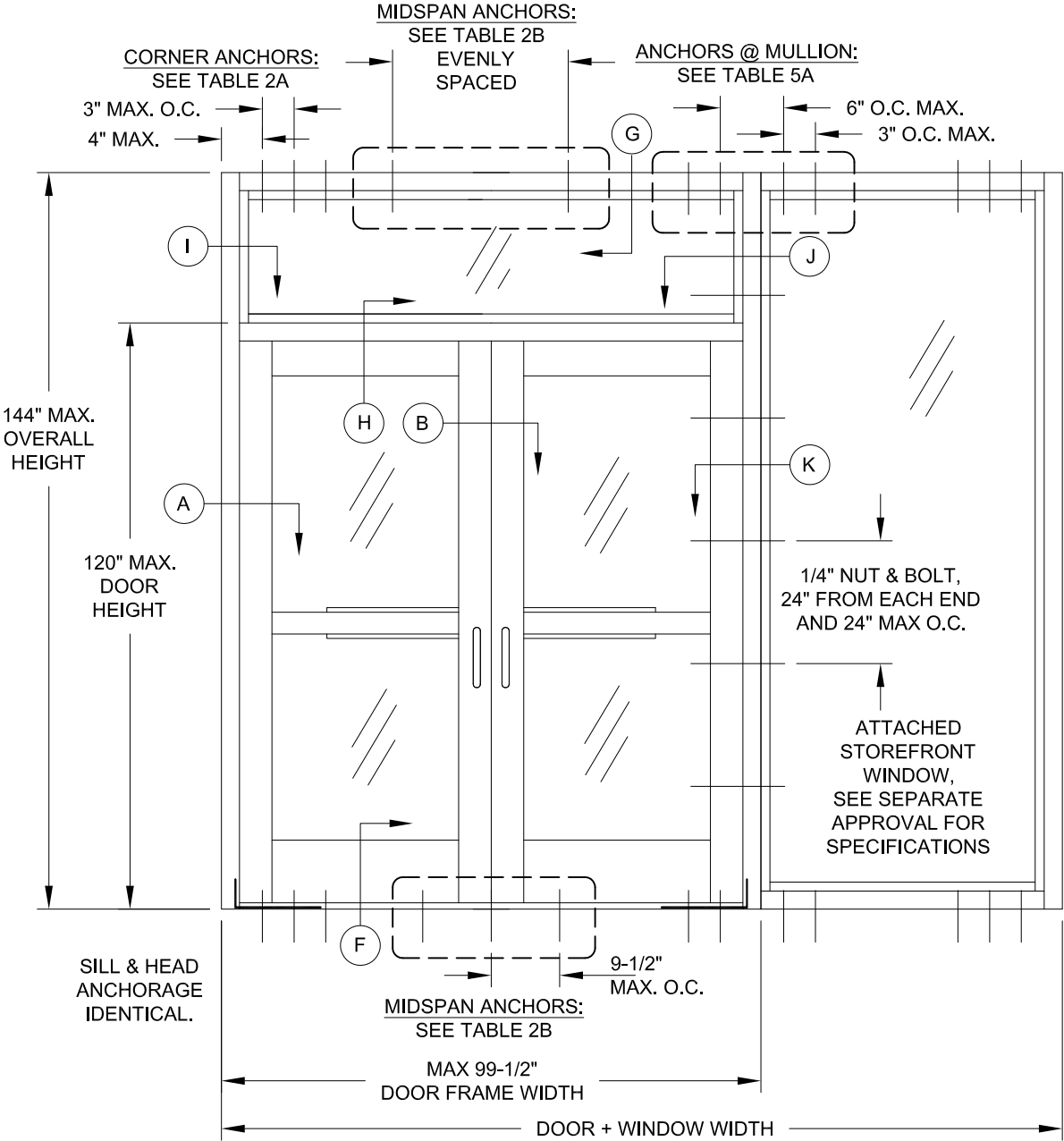
Design Pressure (lbs/ft²)							
		Door Frame Width					
		60"	66"	72"	78"	84"	90"
Overall Height	90"	+/-99.5	+/-90.5	+/-82.9	+/-76.5	+/-71.1	+/-71.1
	97-3/4"	+/-91.6	+/-83.3	+/-76.3	+/-70.5	+/-65.4	+/-61.1
	108"	+/-82.9	+/-75.4	+/-69.1	+/-63.8	+/-59.2	+/-55.3
	120"	+/-74.6	+/-67.8	+/-62.2	+/-57.4	+/-53.3	+/-49.8
	132"	+/-74.6	+/-67.8	+/-62.2	+/-57.4	+/-53.3	+/-49.8
	144"	+/-74.6	+/-67.8	+/-62.2	+/-57.4	+/-53.3	+/-49.8

TABLE 5C:

Design Pressure (lbs/ft²) of Door/Window Mullion						
		Door + Window Width				
		96"	108"	120"	132"	144"
Overall Height	90"	+/-100.2	+/-89.0	+/-80.1	+/-72.8	+/-72.8
	97-3/4"	+/-92.2	+/-82.0	+/-73.8	+/-67.1	+/-61.5
	108"	+/-83.5	+/-74.2	+/-66.8	+/-60.7	+/-55.6
	120"	+/-75.1	+/-66.8	+/-60.1	+/-54.6	+/-50.1
	132"	+/-75.1	+/-66.8	+/-60.1	+/-54.6	+/-50.1
	144"	+/-75.1	+/-66.8	+/-60.1	+/-54.6	+/-50.1

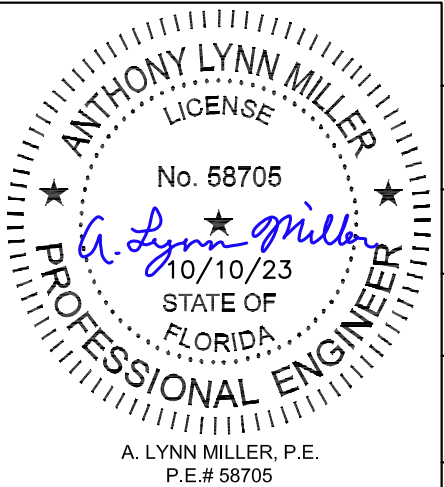
NOTES:

- 1) FOR DOORS REQUIRING WATER INFILTRATION RESISTANCE, SEE TABLE C, SHEET 8 FOR FURTHER DESIGN PRESSURE LIMITATIONS.
- 2) DOOR FRAME HEIGHTS OVER 97-3/4" OR DOOR FRAME WIDTHS OVER 39-1/2" REQUIRE SPECIAL HARDWARE OPTIONS 6-8 ON SHEET 14.
- 3) SEE SEPARATE APPROVAL FOR STOREFRONT WINDOW SPECIFICATIONS.
- 4) IF A SERIES OF STOREFRONT WINDOWS ARE USED, USE ONLY 1 WINDOW DIRECTLY ADJACENT TO THE DOOR IN DETERMINING THE DOOR + WINDOW FRAME WIDTH.
- 5) IF STOREFRONT WINDOWS ARE USED ON BOTH SIDES OF A DOOR (EX. OXO), DETERMINE THE DOOR + WINDOW FRAME WIDTH USING THE WIDER WINDOW.
- 6) THE LESSER DESIGN PRESSURE OF THE DOOR OR STOREFRONT WINDOW (SEE SEPARATE APPROVAL) SHALL GOVERN THE DESIGN PRESSURE FOR THE ENTIRE ASSEMBLY.
- 7) DOOR HARDWARE MAY LIMIT OVERALL DESIGN PRESSURE. SEE SHEETS 12-14.

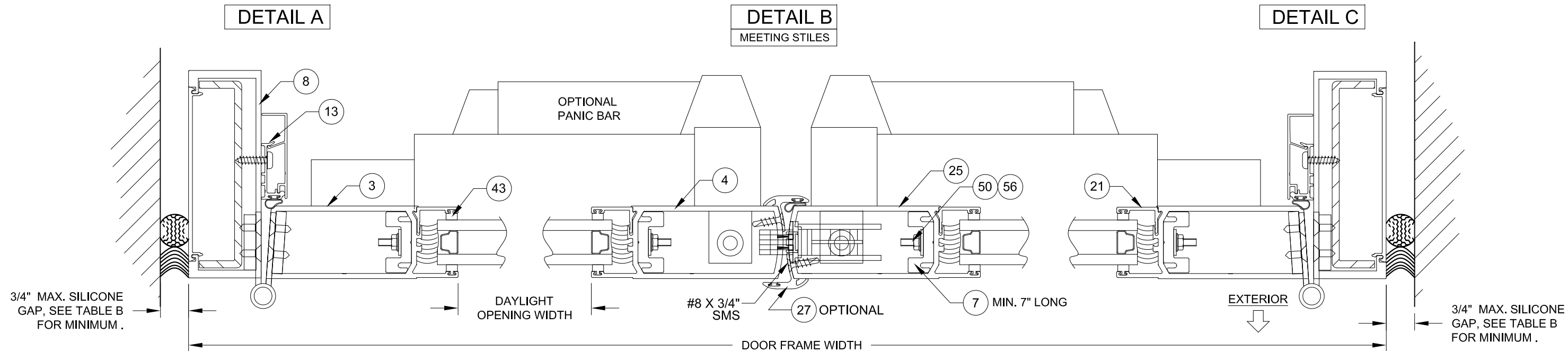


TYP. ELEVATION OF DOUBLE DOOR
WITH TRANSOM, ATTACHED TO
STOREFRONT WINDOW

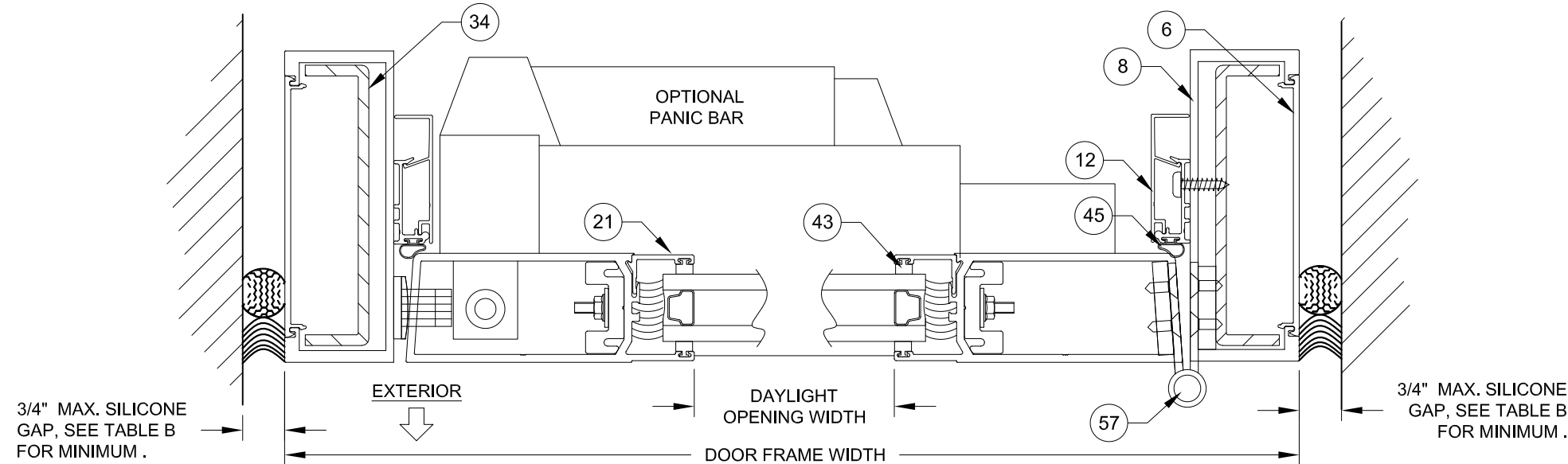
THE LOWER VALUE
FROM TABLE 5B AND
5C SHALL BE THE
DESIGN PRESSURE
FOR THE ENTIRE UNIT.



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	Description: DESIGN PRESSURE & ANCHORAGE			Drawn By: J ROSOWSKI
	Title: STOREFRONT ENTRANCE DOOR DETAILS - NI			Date: 10/10/23
Series/Model: SE-3450		Scale: NTS	Sheet: 6 OF 14	Drawing No. 3450-FPA-1
				Rev: -



HORIZONTAL SECTION (DOUBLE DOOR)



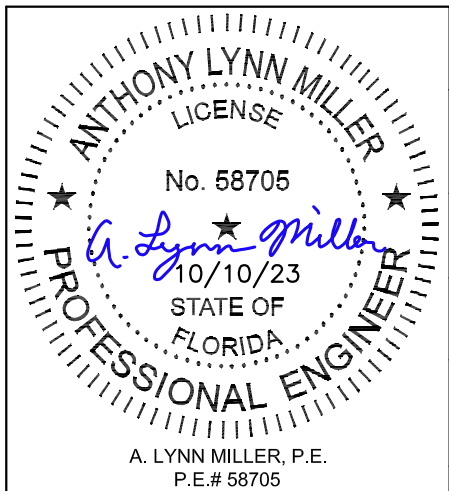
HORIZONTAL SECTION (SINGLE DOOR)

TABLE B:

Minimum Gap Width		
Frame Height	Dow Corning 790 Silicone	Dow Corning 795 Silicone
84"	0.27"	0.42"
96"	0.31"	0.48"
108"	0.35"	0.54"
120"	0.38"	0.60"
132"	0.42"	0.66"
144"	0.46"	0.72"

NOTES:

- 1) USE ONLY SUBSTRATE APPROPRIATE ANCHORS, FOLLOW EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS PER TABLE A, 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.

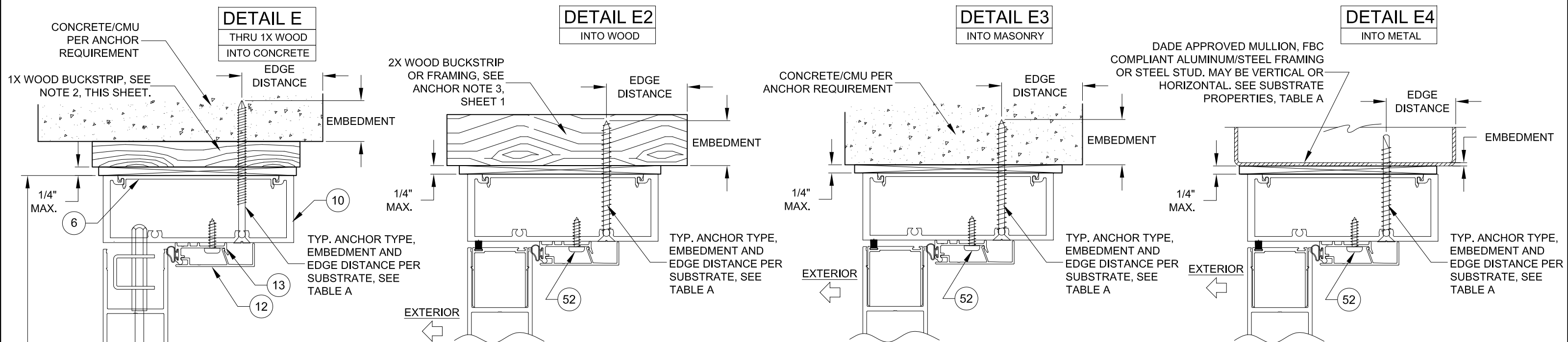


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Description:		Drawn By:
HORIZONTAL X-SECTION		J ROSOWSKI
Title:		Date:
STOREFRONT ENTRANCE DOOR DETAILS - NI		10/10/23
Series/Model:	Scale:	Sheet:
SE-3450	NTS	7 OF 14
Drawing No.		Rev:
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NOTES:

- 1) USE ONLY SUBSTRATE APPROPRIATE ANCHORS, FOLLOW EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS PER TABLE A, 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 11 FOR REQUIRED ATTACHMENT OF THRESHOLD ANGLE

TABLE C:

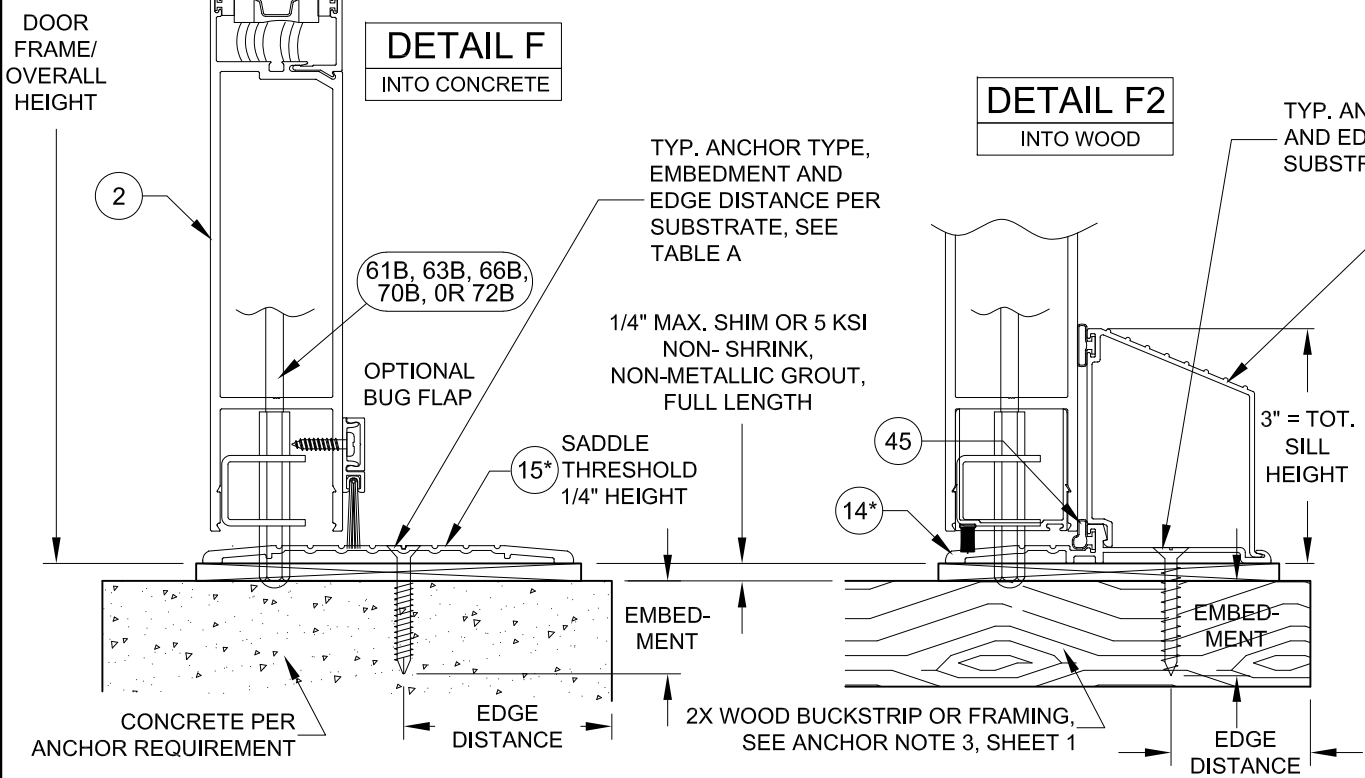
Water-Limited (+) DP			
Nominal Sill Height	Part #	Max. (+) DP Allowed	Limitations
1/4" (Saddle Threshold)	15	Not Rated for Water Infiltration	Overhang always required. Not available for Single Door sizes over 39-1/2" x 97-34" or Double Door sizes over 75-1/2" x 97-3/4".
1/2" (ADA Threshold)	14 & 16	+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 C MUST BE USED TO DETERMINE THE WATER LIMITED (+) DP.

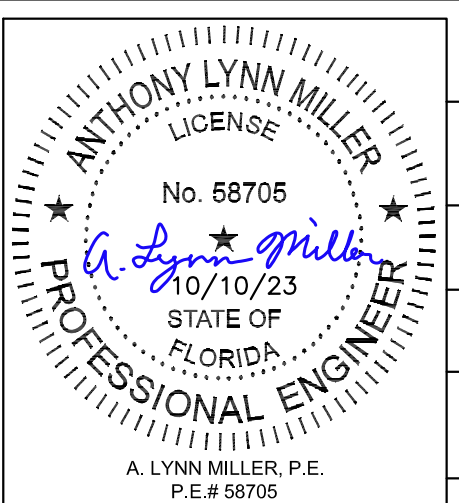
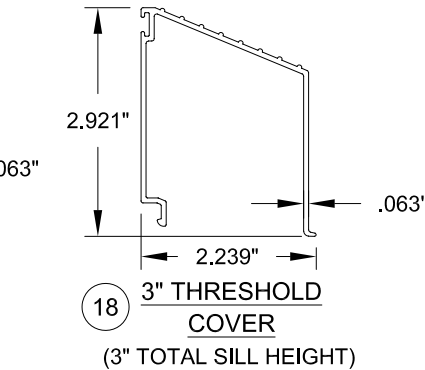
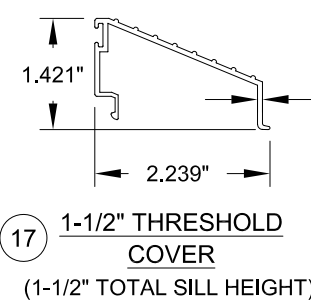
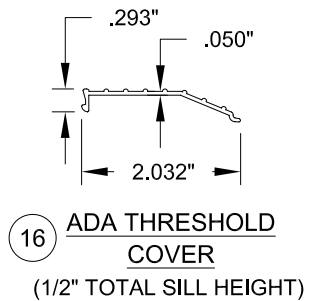
2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR AN OVERHANG IS AS PER FIG 1, ANY THRESHOLD MAY BE USED.

FIG 1: OH LENGTH

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

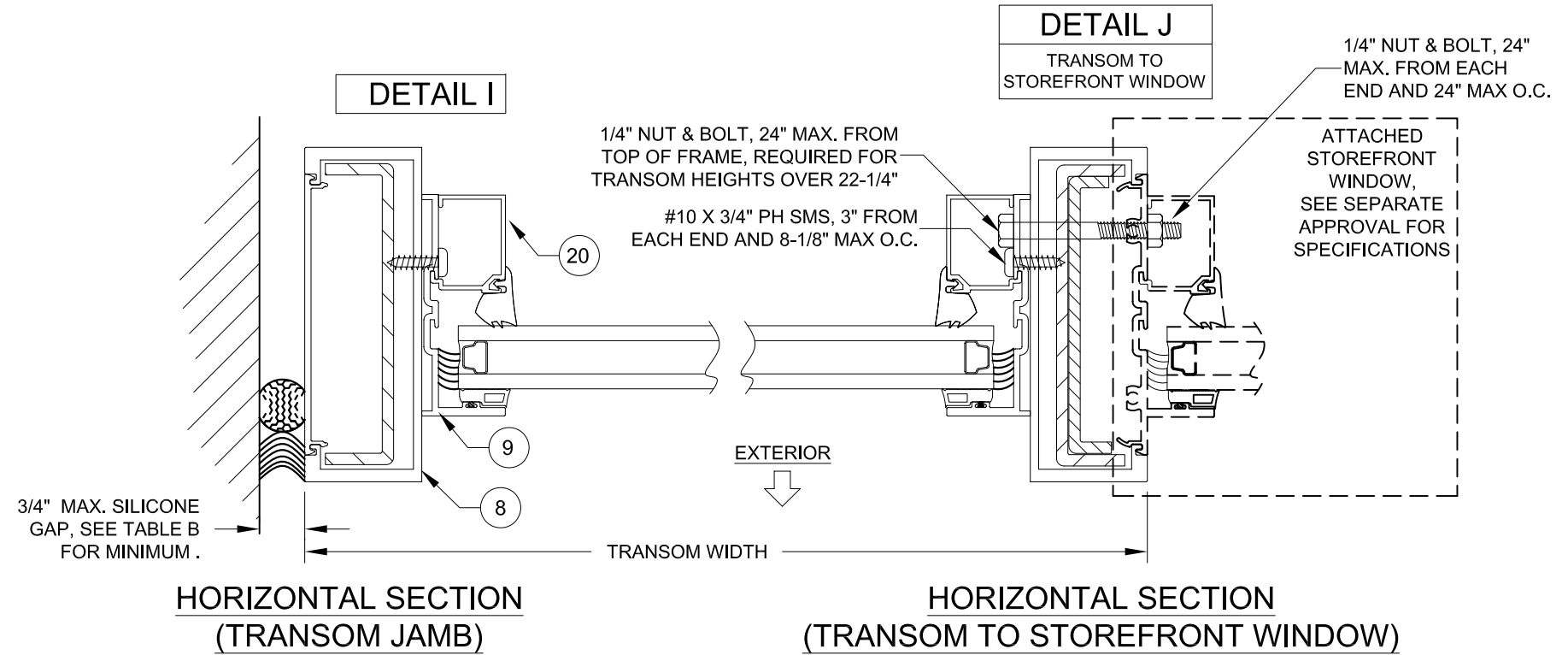
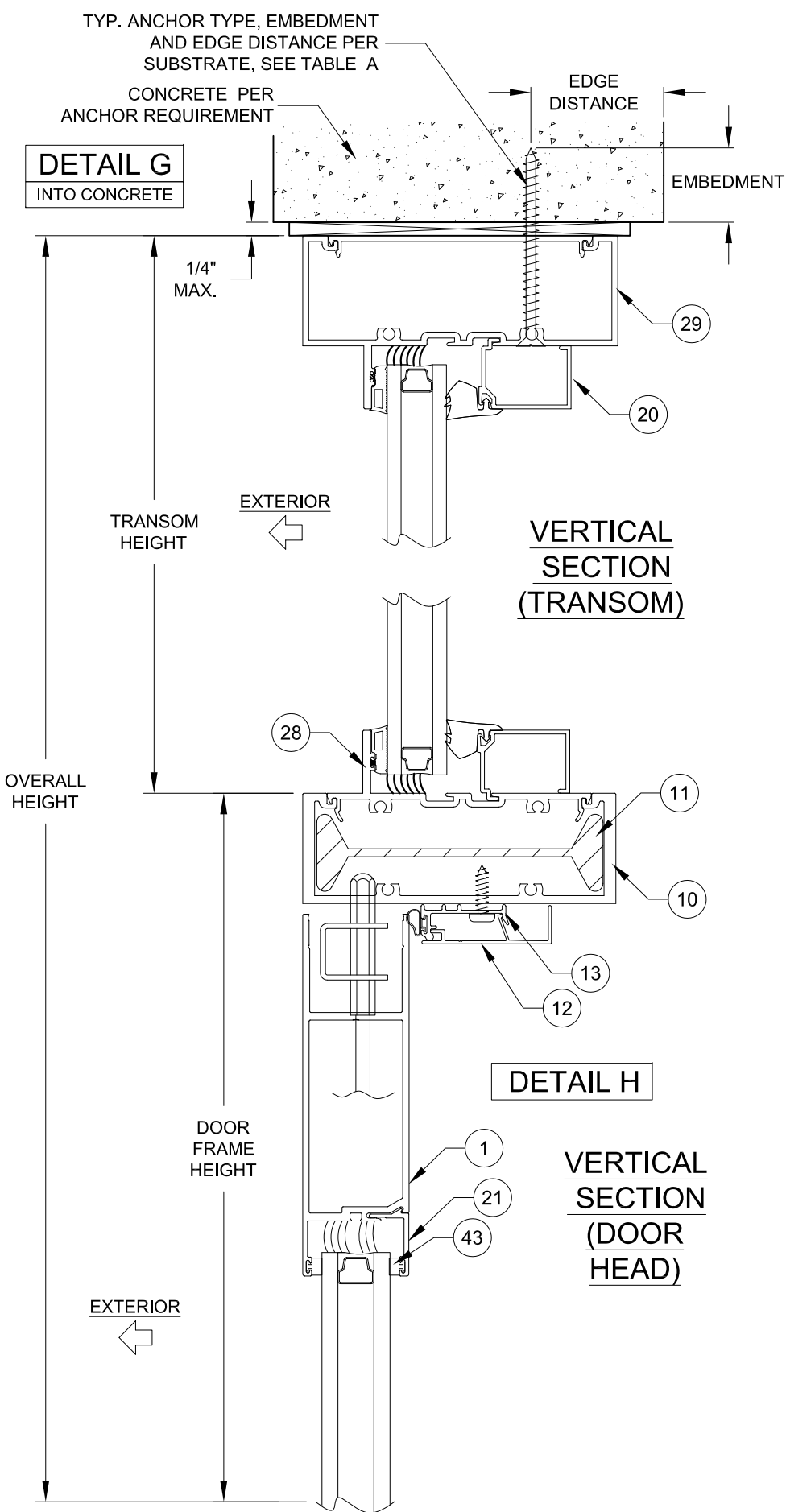


FOR DESIGN PRESSURE CONSTRAINTS ON PARTS 15-18, SEE TABLE C, THIS SHEET.



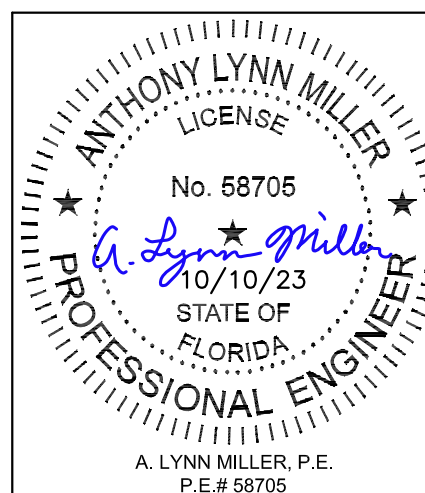
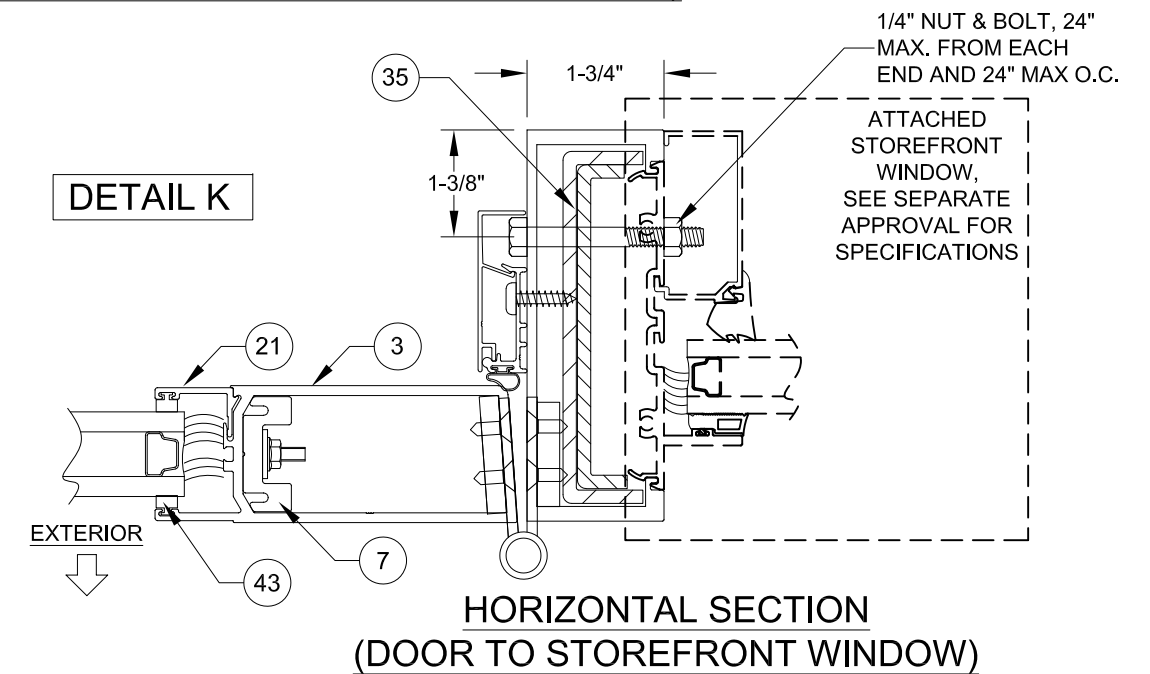
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Description:		Drawn By:
VERTICAL X-SECTION		J ROSOWSKI
Title:		Date:
STOREFRONT ENTRANCE DOOR DETAILS - NI		10/10/23
Series/Model:	Scale:	Sheet:
SE-3450	NTS	8 OF 14
Drawing No.		Rev:
3450-FPA-1		-



NOTES:

- 1) USE ONLY SUBSTRATE APPROPRIATE ANCHORS, FOLLOW EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS PER TABLE A. 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.



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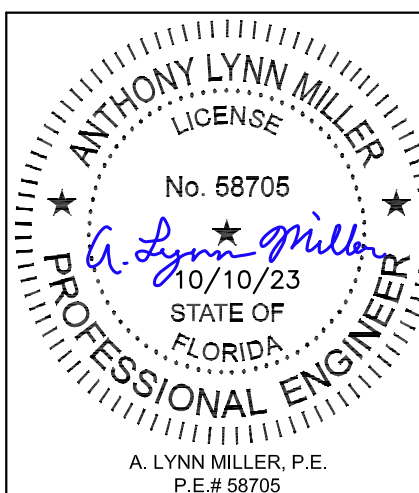
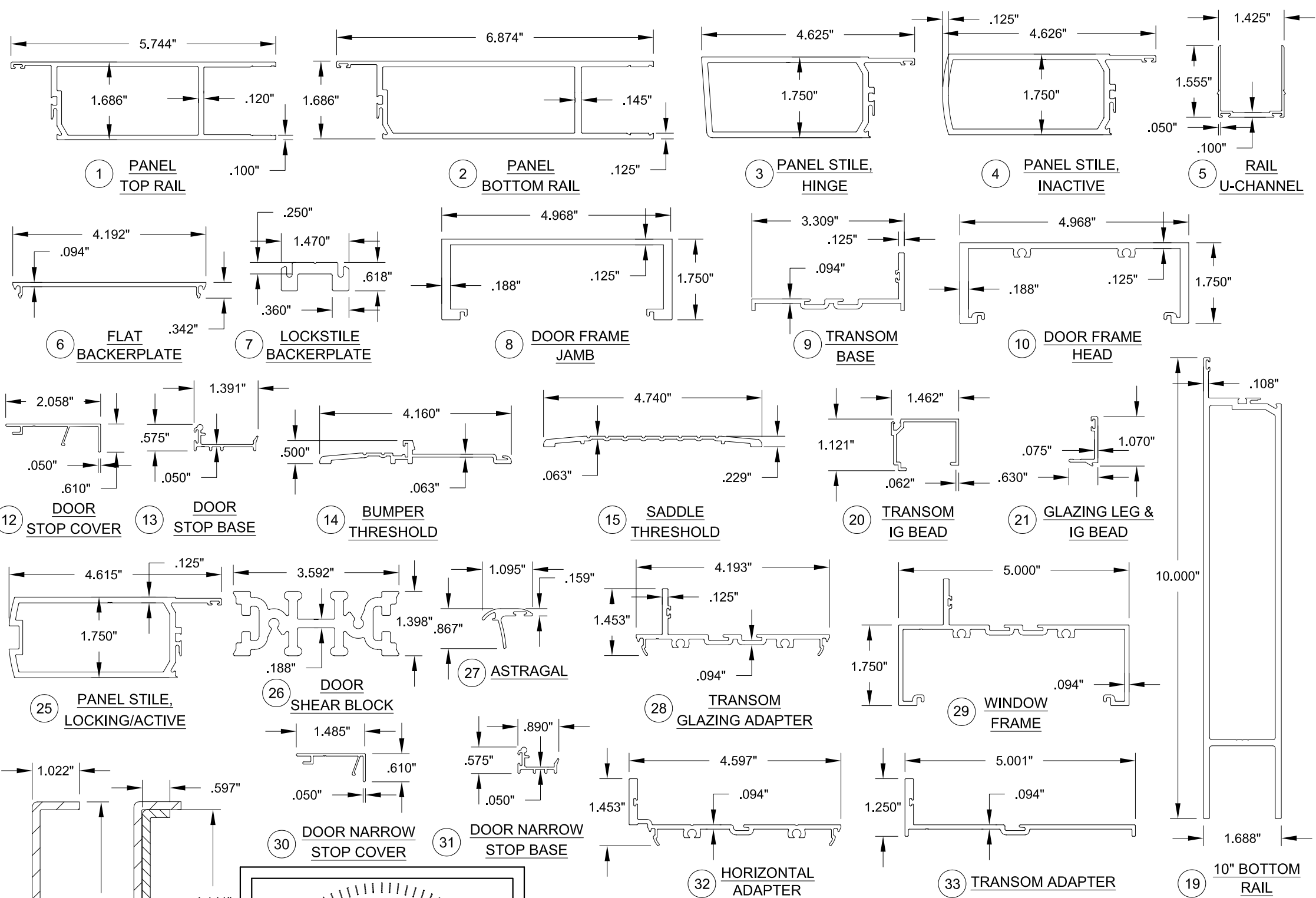
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Description: TRANSOM X-SECTION		Drawn By: J ROSOWSKI
Title: STOREFRONT ENTRANCE DOOR DETAILS - NI		Date: 10/10/23
Series/Model: SE-3450	Scale: NTS	Sheet: 9 OF 14
Drawing No. 3450-FPA-1		Rev: -

TABLE D:

Item #	CGI Part #	Description	Material
1	CGIC - 026	Panel Top Rail	6063-T6 Alum.
2	CGIC - 027	Panel Bottom Rail	6063-T6 Alum.
3	CGIC - 028	Panel Stile, Hinge	6063-T6 Alum.
4	CGIC - 031	Panel Stile, Inactive	6063-T6 Alum.
5	CGIC - 077	U-Channel	6063-T6 Alum.
6	CGIC - 003	Flat Backer Plate	6063-T6 Alum.
7	CGIC - 032	Lock Stile Backer Plate	6063-T6 Alum.
8	CGIC - 014	Door Frame Jamb	6063-T6 Alum.
9	CGIC - 044	Transom Base	6063-T6 Alum.
10	CGIC - 013	Door Frame Head	6063-T6 Alum.
11	CGIC - 021	Door Alum. Reinforcement - Horizontal @ Transom	6063-T6 Alum.
12	CGIC - 018	Door Stop Cover	6063-T6 Alum.
13	CGIC - 017	Door Stop Base	6063-T6 Alum.
14	CGIC - 050	Bumper Threshold	6063-T6 Alum.
15	CGIC - 054	Saddle Threshold	6063-T6 Alum.
16	CGIC - 051	1/2" ADA Threshold Cover	6063-T6 Alum.
17	CGIC - 052	1-1/2" Threshold Cover	6063-T6 Alum.
18	CGIC - 053	3" Threshold Cover	6063-T6 Alum.
19	CGIC - 015	10" Door Bottom Rail (ADA Compliant)	6063-T6 Alum.
20	CGIC - 048	Transom IG Bead, 1"	6063-T6 Alum.
21	CGIC - 078	Glazing Leg & 1" IG Bead	6063-T6 Alum.
25	CGIC - 030	XX Panel Stile, Locking	6063-T6 Alum.
26	CGIC - 036	Shear Block	6063-T6 Alum.
27	CGIC - 095	Residential Astragal	6063-T6 Alum.
28	CGIC - 002	Transom Glazing Adapter	6063-T6 Alum.
29	CGIC - 001	Frame Head / Sill / Jamb	6063-T6 Alum.
30	CGIC - 081	Door Narrow Stop Cover	6063-T6 Alum.
31	CGIC - 080	Door Narrow Stop Base	6063-T6 Alum.
32	CGIC - 202	Horizontal Adapter	6063-T6 Alum.
33	CGIC - 212	Door Transom Adapter	6063-T6 Alum.
34	CGIC - 009D	Single Reinforcement	Steel
35	CGIC - 009D/222	Double Reinforcement	Steel
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	MISC - 127	Lami Setting Blocks For Panel	MISC
43	GSKT - 020	Glazing Leg/Glass Stop Weatherstrip, Door	GASKET
44	SILC - 131 - 132	Dow-791, 983 Backbedding	SILICONA
45	GSKT - 020	Threshold, Door Stop Base, Astragal Bulb Gasket	Flex PVC 70
46	GSKT - 197	Bugsweep Weatherstrip	GASKET
47	GSKT - 033	Active Panel Weatherstrip Gasket 8"	GASKET
51	SCRW - 010	Storefront/Door Frame Screw, #12 x 1-1/2" Hex Washer	Stainless Steel
52	SCRW - 019	Door Stop Base And Glazing Leg Screw #10 x 3/4" Ph.	Stainless Steel
53	SCRW - 025	Threshold Angle Clip Screw #8 x 3/8" Ph.	Stainless Steel
54	SCRW - 041	Shearblock SD Screw (Box 2000) 1/4" x 1-1/2" Ph.	Stainless Steel
55	SCRW - 039	Door Panel Assembly Bolt 5/16" - 18 x 1"	Stainless Steel
56	SCRW - 040	Door Panel Assembly Nut 5/16" - 18 Hex	Stainless Steel
57	HING - 074	Regent Butt Hinge Swage With Screws	Stainless Steel
58	HING - 075-038	Regent Hinge Backing Plate W Notch (For Frame)	6063-T6 Alum.
59	SCRW - 076	Regent Hinge Backing Plate Screw #12-24 x 1/2" Ph.	Stainless Steel
74	SCRW - 265	#6 x 5/8" Ph. PH Screw, Bugsweep	Stainless Steel
75	MISC - 024	2" X 5" Threshold Angle Clip	6063-T6 Alum.
76	GSKT - 197	Bugsweep Weatherstrip	GASKET



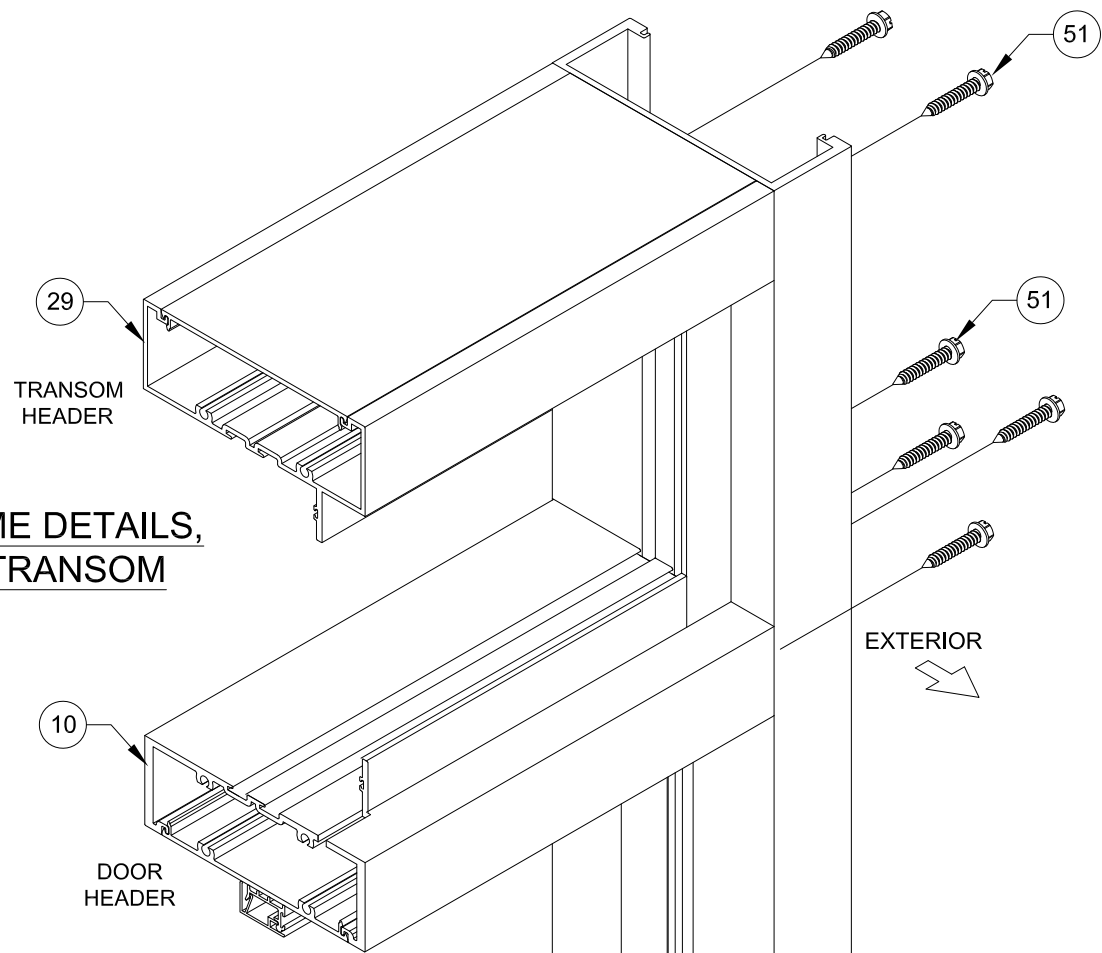
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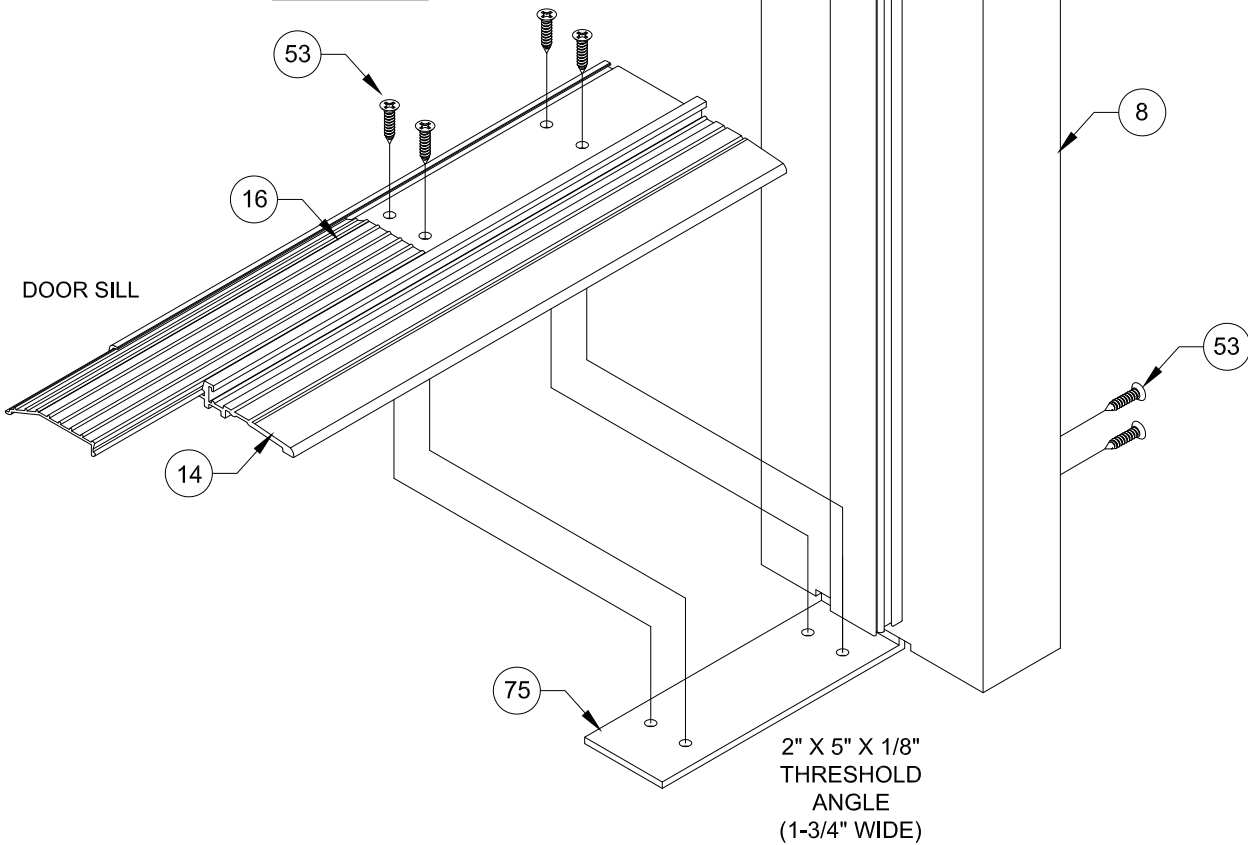
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REGISTRATION # 29296

Revised By:	Date:	Revision:
Revised By:	Date:	Revision:
Description:		Drawn By:
BOM & EXTRUSIONS		J ROSOWSKI
Title:		Date:
STOREFRONT ENTRANCE DOOR DETAILS - NI		10/10/23
Series/Model:	Scale:	Sheet:
SE-3450	NTS	10 OF 14
Drawing No.		Rev:
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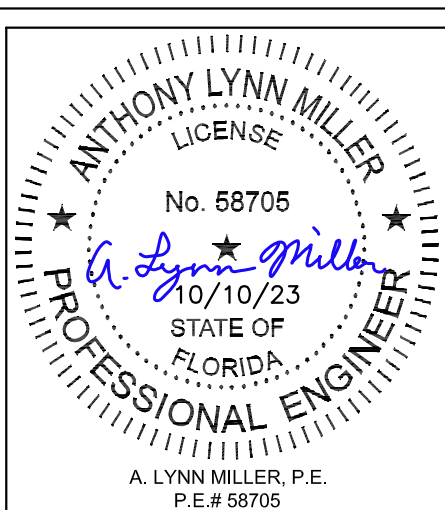
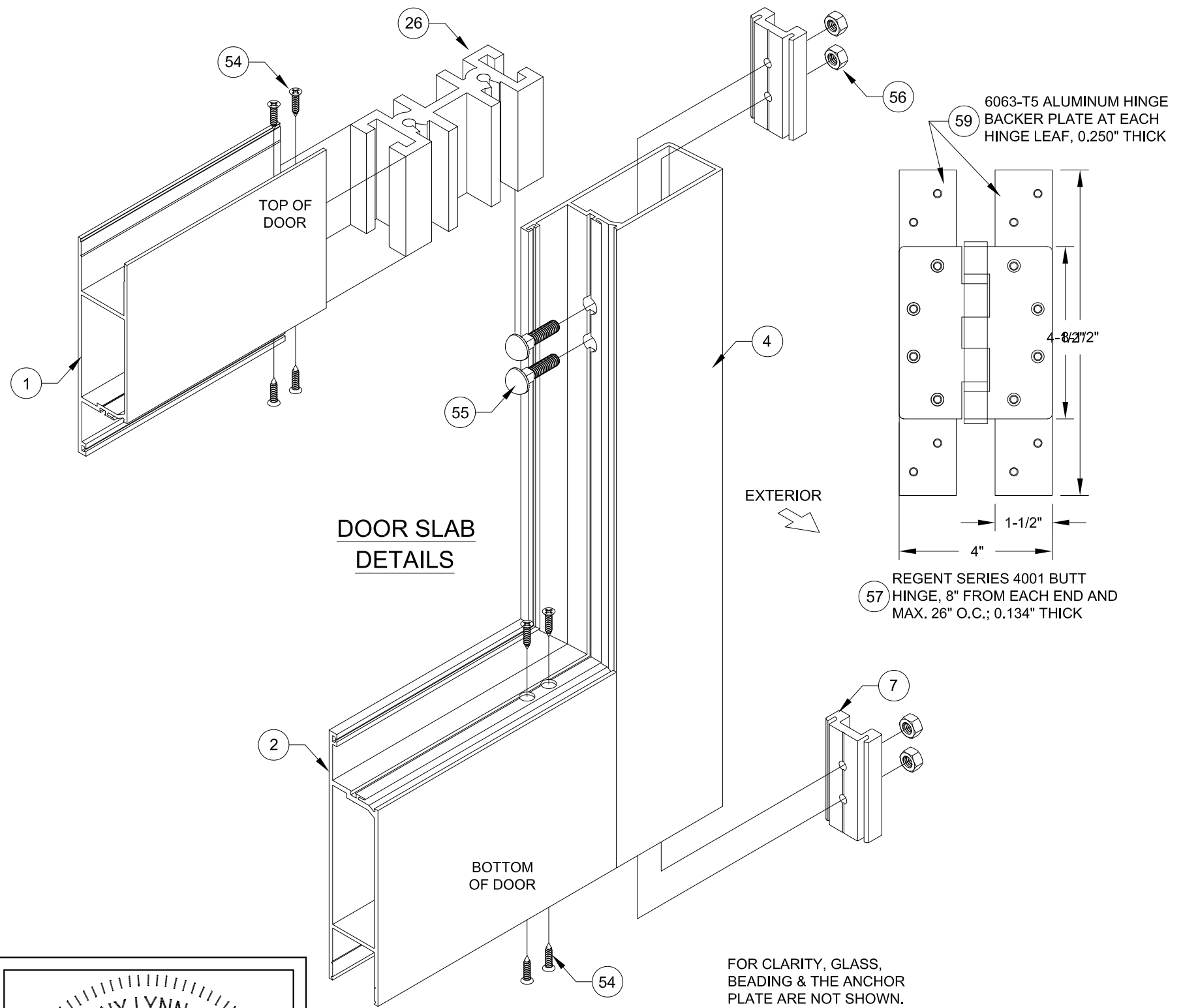
FRAME DETAILS,
@ TRANSOM



FRAME DETAILS,
@ DOOR



DOOR SLAB
DETAILS



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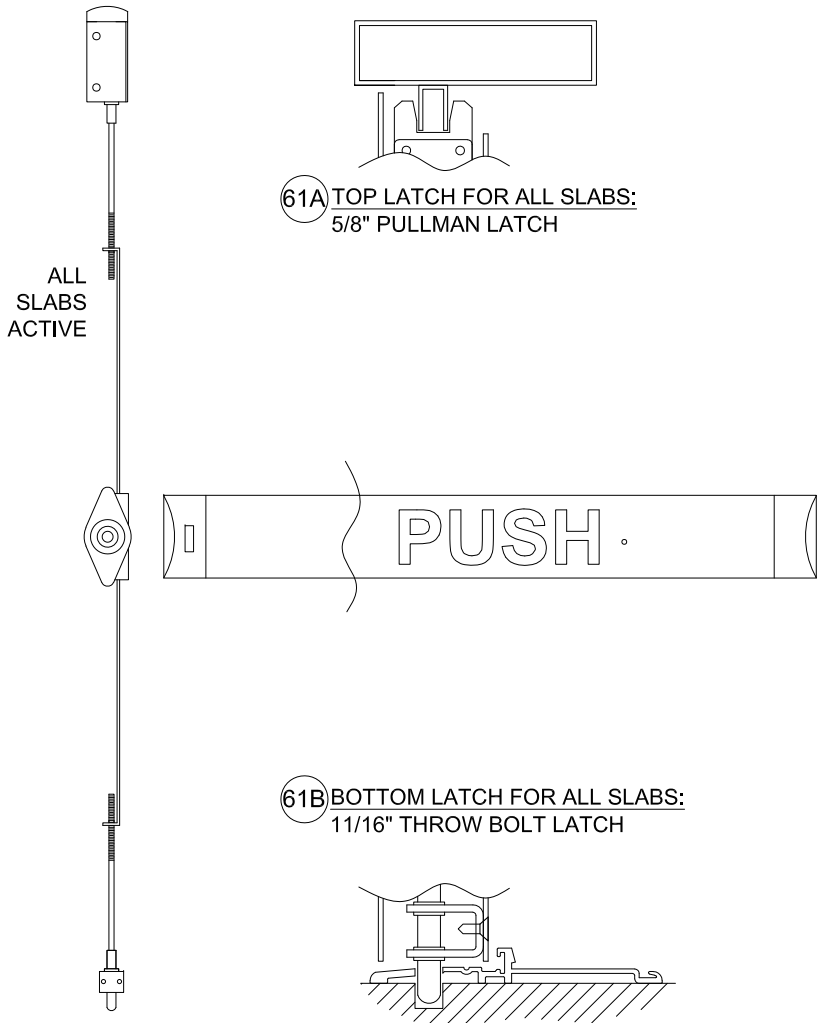
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Description: CORNER DETAILS		Drawn By: J ROSOWSKI
Title: STOREFRONT ENTRANCE DOOR DETAILS - NI		Date: 10/10/23
Series/Model: SE-3450	Scale: NTS	Sheet: 11 OF 14
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LOCK OPTION #1
(MAX. DP OF +90.0/-120.0)

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

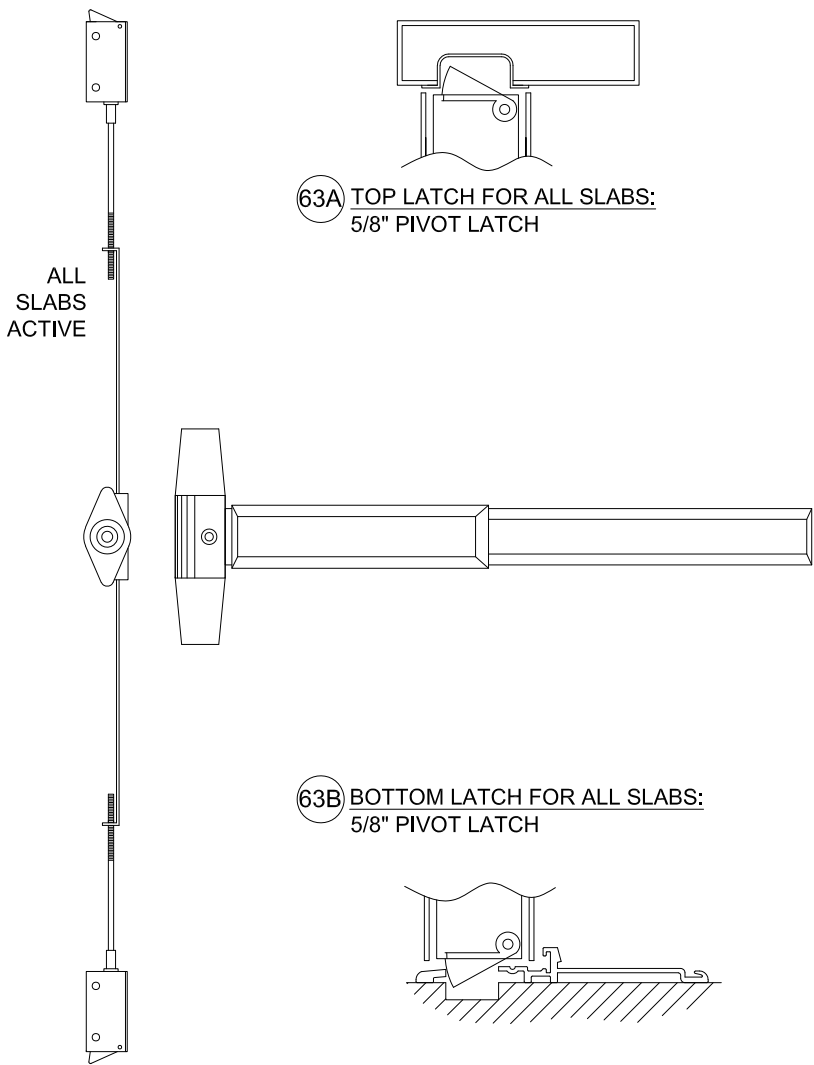


61A TOP LATCH FOR ALL SLABS:
5/8" PULLMAN LATCH

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.



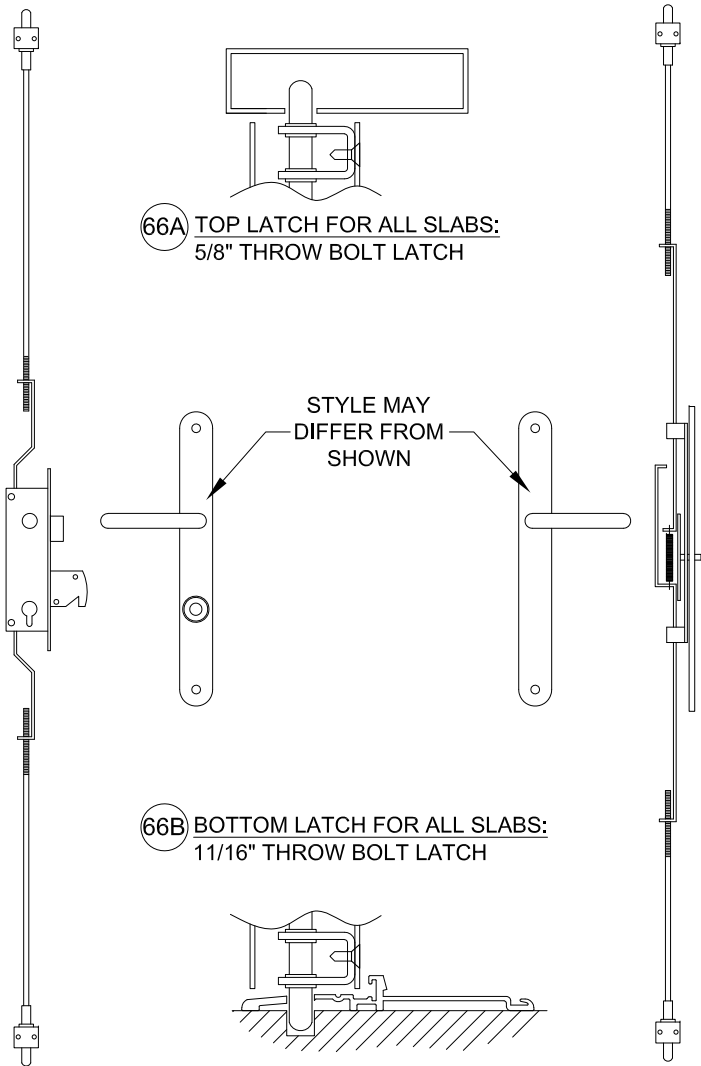
63A TOP LATCH FOR ALL SLABS:
5/8" PIVOT LATCH

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

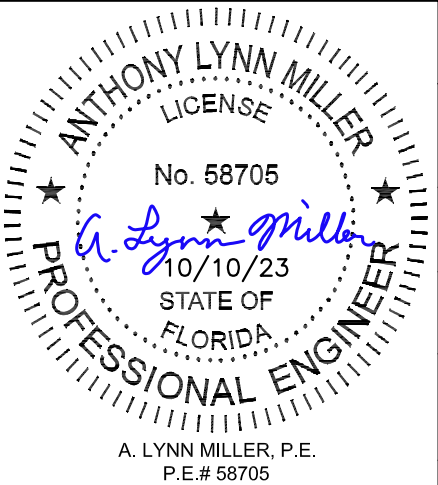


66A TOP LATCH FOR ALL SLABS:
5/8" THROW BOLT LATCH

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

TABLE E1:

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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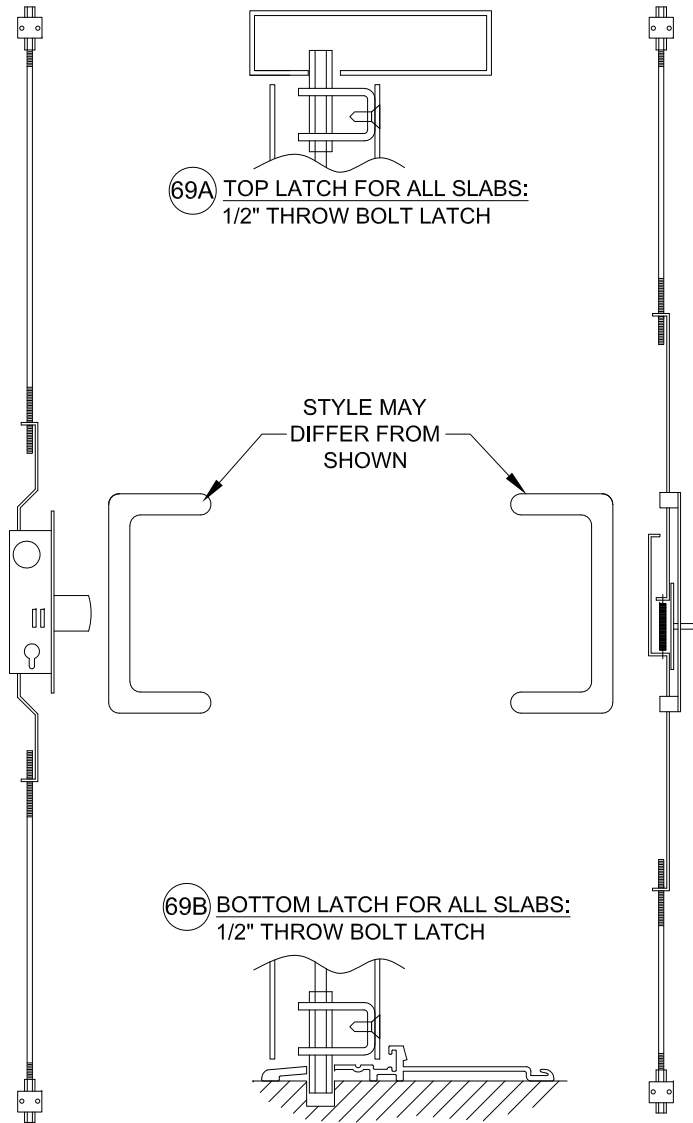
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Description: HARDWARE A		Drawn By: J ROSOWSKI
Title: STOREFRONT ENTRANCE DOOR DETAILS - NI		Date: 10/10/23
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LOCK OPTION #4 (COMMERCIAL)

(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.

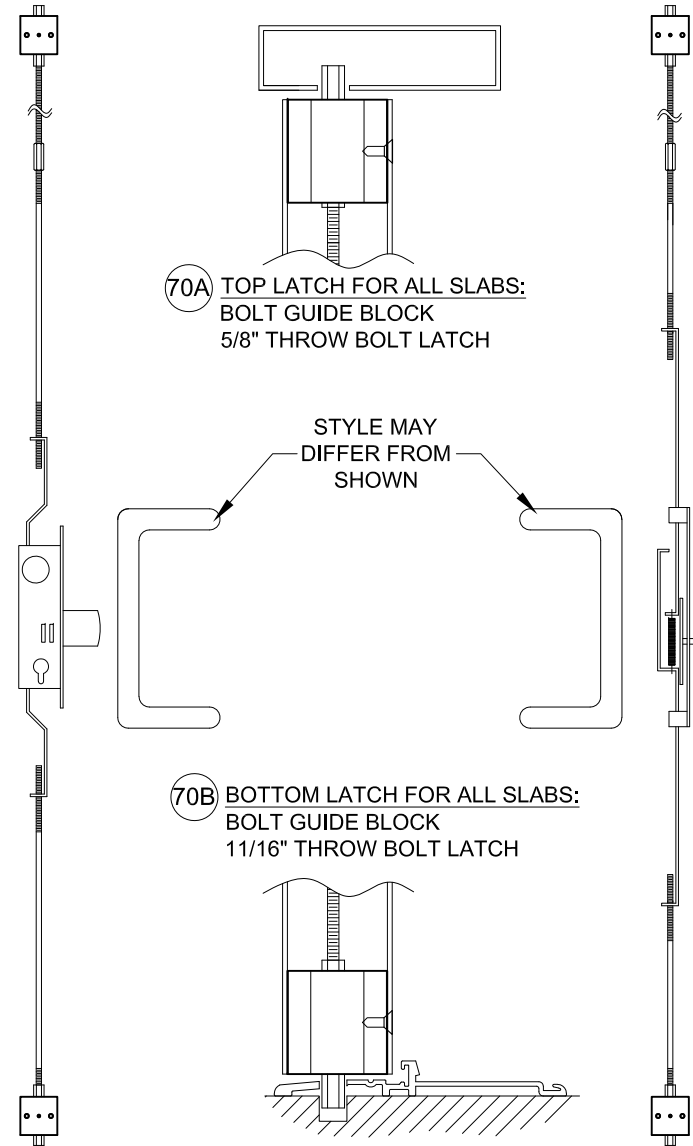


LOCK OPTION #5 (HD COMMERCIAL)

(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.

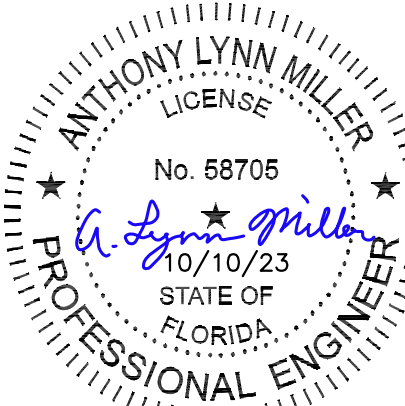
68 LOCK FOR NON-ACTIVE SLABS:
2-POINT LOCK SYSTEM
REGENT SERIES 2-PT-L
KEY OPERATED ON EXT.
THUMB-TURN ON INT.



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

TABLE E2:

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	5	Bottom Latch Kit for #67 & 68
67		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



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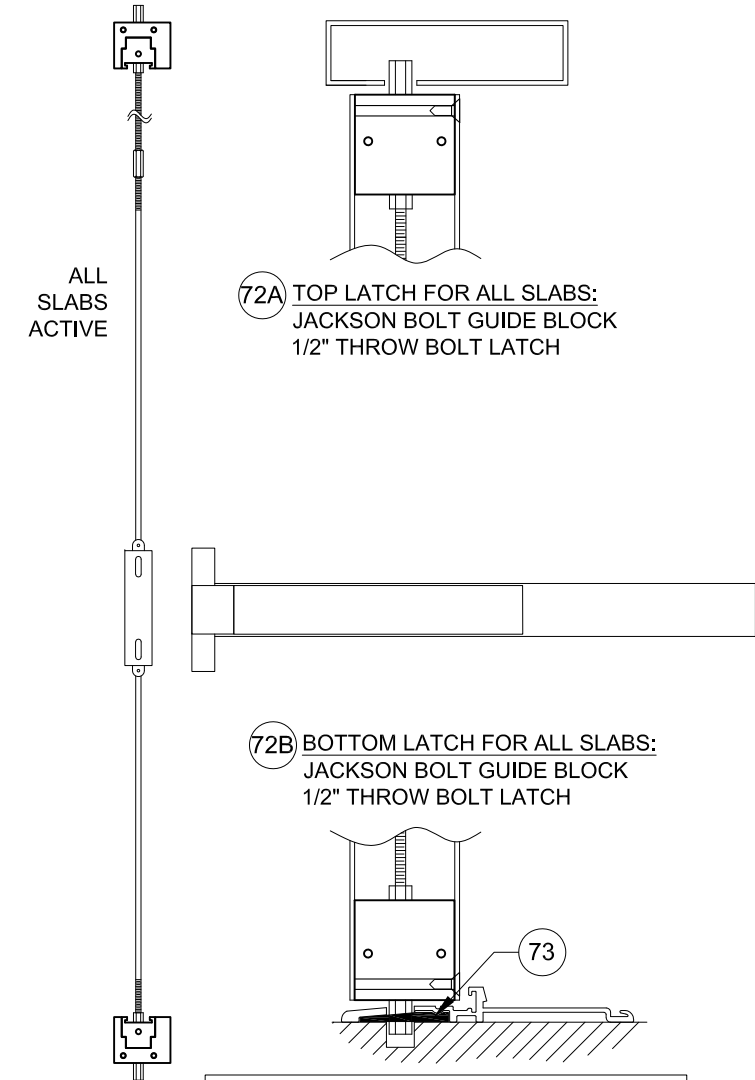
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Description: HARDWARE B		Drawn By: J ROSOWSKI
Title: STOREFRONT ENTRANCE DOOR DETAILS - NI		Date: 10/10/23
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LOCK OPTION #6
(MAX. DP OF +90.0/-100.0)

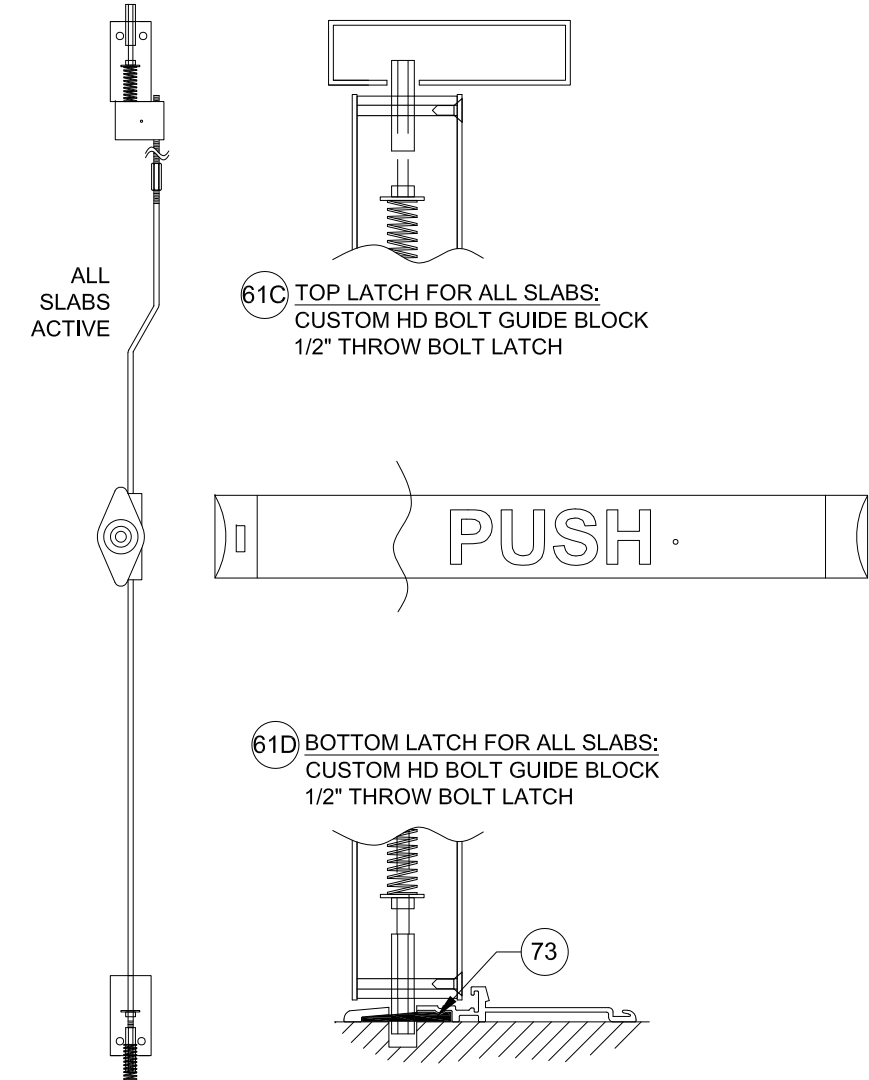
71 LOCK FOR ALL SLABS:
2-POINT PANIC BAR, ALL SLABS
JACKSON SERIES 2086
OPT. KEY OPERATED ON EXT.
OPT. KEY/THUMB-TURN ON INT.



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 #7
(MAX. DP OF +90.0/-100.0)

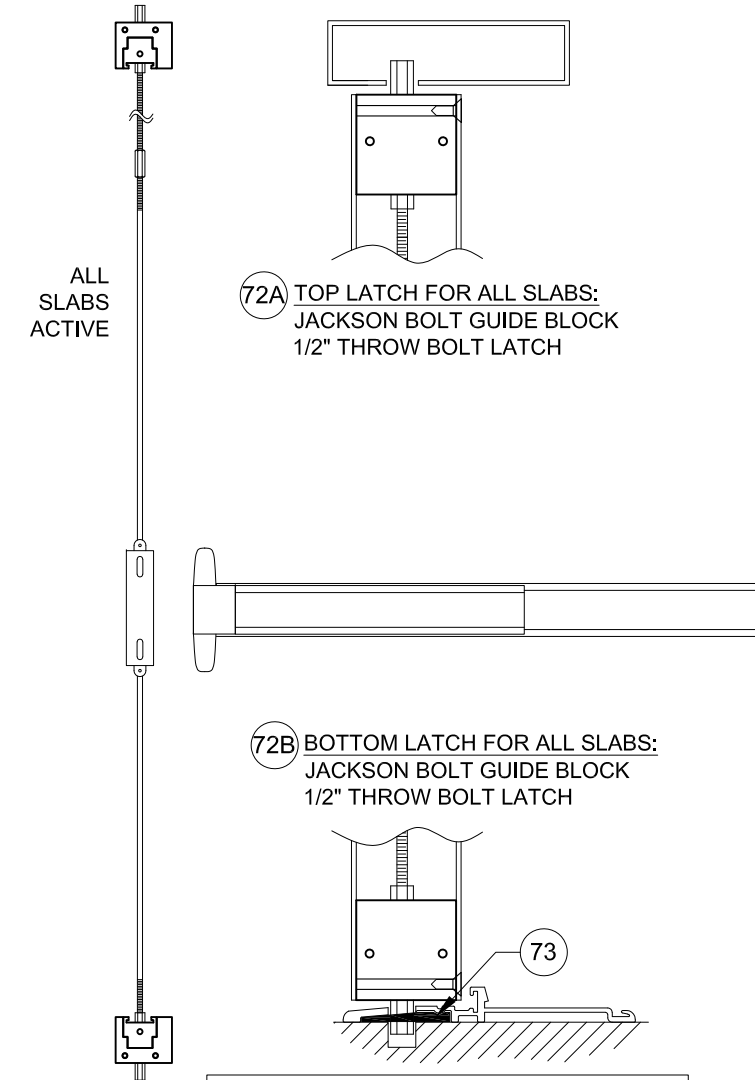
60 LOCK FOR ALL SLABS:
2-POINT PANIC BAR, ALL SLABS
REGENT SERIES 5770
OPT. KEY OPERATED ON EXT.
OPT. KEY/THUMB-TURN ON INT.



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 #8
(MAX. DP OF +90.0/-100.0)

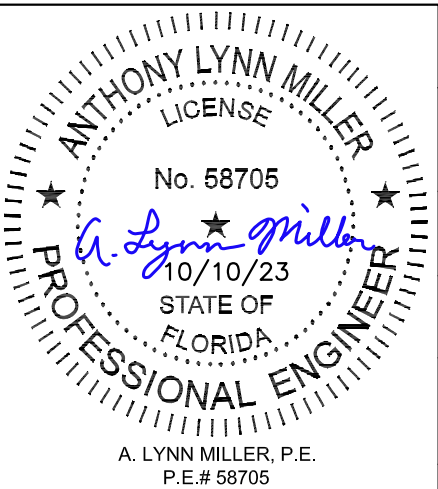
77 LOCK FOR ALL SLABS:
2-POINT PANIC BAR, ALL SLABS
REGENT SERIES 5880
OPT. KEY OPERATED ON EXT.
OPT. KEY/THUMB-TURN ON INT.



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

TABLE E3:

Part #	Lock Option #	Hardware Description
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"
60	7	Panic Bar Hardware Kit, Regent 5770
61C		HD Top Latch Kit for #60
61D		HD Bottom Latch Kit for #60
73		Aluminum Sill Reinforcement Plate, 6"
77	8	Panic Bar Hardware Kit, Regent
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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Description: HARDWARE C		Drawn By: J ROSOWSKI
Title: STOREFRONT ENTRANCE DOOR DETAILS - NI		Date: 10/10/23
Series/Model: SE-3450	Scale: NTS	Sheet: 14 OF 14
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