CECO DOOR PRODUCTS DIVISION OF ASSA ABLOY DOOR GROUP, INC.

> **CECO FLUSH PAIRS OF DOORS** LARGE MISSILE IMPACT (LMI) - LEVEL "D"

NON-SITE-SPECIFIC STRUCTURAL PERFORMANCE EVALUATION. A DESIGN PROFESSIONAL SHALL BE RESPONSIBLE FOR CERTIFYING THE APPLICATION OF THIS INFORMATION TO ANY SITE-SPECIFIC LOCATION.

### NOTE REGARDING USE OF THIS DOCUMENT & **USE OUTSIDE FLORIDA:**

NON-SITE-SPECIFIC STRUCTURAL PERFORMANCE EVALUATION. THIS PRODUCT EVALUATION IS VALID FOR USE IN FLORIDA ONLY. USE OF THIS EVALUATION REQUIRES A REVIEW & CERTIFICATION BY A LOCAL DESIGN PROFESSIONAL WHO SHALL BE RESPONSIBLE FOR THE PROPER ADAPTATION OF THIS GENERAL PERFORMANCE EVALUATION TO ANY SITE-SPECIFIC PROJECT. CONTACT THIS OFFICE AT **ENGINEERINGEXPRESS.COM/QUOTE** FOR ASSISTANCE WITH YOUR PROJECT-SPECIFIC NEEDS & FOR ADAPTATION & CERTIFICATION OF THIS DOCUMENT OUTSIDE OF FLORIDA

## INSTRUCTIONS FOR USING THIS APPROVAL

STEP 1: USE THE DOOR ELEVATIONS PROVIDED ON PAGE 2 AND 3 TO DETERMINE THE APPLICABLE ASSEMBLY NUMBER

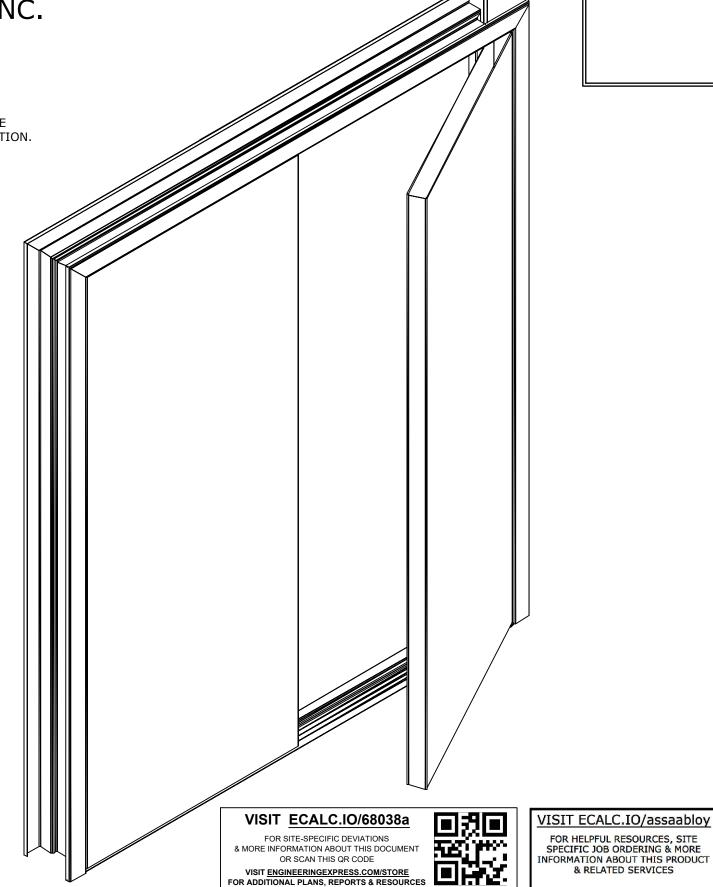
STEP 2: MOVE TO THE CHART BELOW THE DOOR ELEVATIONS, ALSO ON PAGE 2 AND 3, AND LOCATE YOUR ASSEMBLY NUMBER. BY SCANNING HORIZONTALLY THROUGH THE SAME ROW OF YOUR ASSEMBLY NUMBER, YOU WILL BE ABLE TO DETERMINE THE APPROVED DOOR SERIES, MIN DOOR THICKNESS, MAX DESIGN PRESSURE, MAX DOOR OPENINGS, SWINGING OPTIONS, LATCHING HARDWARE FOR BOTH ACTIVE AND IN ACTIVE PANELS.

STEP 3: USE PAGE 4 TO DETERMINE YOUR FRAMING PROFILES AND FRAMING CONSTRUCTION OPTIONS

STEP 4: USE THE TABLES ON PAGE 5 AND 6 TO DETERMINE THE ANCHOR TYPE AND SPACING, BASED ON THE YOUR PRESSURE AND SUBSTRATE CRITERIA

STEP 5: USE THE DETAILS PROVIDED ON PAGE 7 AND 8 TO DETERMINE YOUR WEATHERSTRIPPING OPTIONS

SHEET INDEX					
# SHEET	DESCRIPTION				
1	COVER SHEET				
2-3	ASSEMBLY OPTIONS				
4	DOOR FRAME DETAILS				
5-6	DOOR FRAME ANCHORING INFORMATION				
7-8	DOOR FRAME WEATHER STRIPPING INFORMATION				
9	MANUFACTURERS AND ENGINEERING NOTES				
9	TOTAL				



FL# 16355.1

FRANK BENNARDO, PE PE# 0046549 CA# 9885

23-68038a SCALE: NTS UNLESS NOTE

ASSA ABLOY, the global leader in door opening solutions.

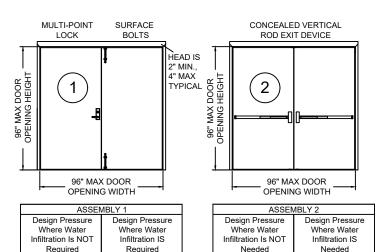
PRODUCTS ILLUSTRATED IN THIS DOCUMENT ARE QUALIFIED FOR LARGE AND SMALL MISSILE IMPACT. LARGE MISSILE IMPACT IS 9 LB 2 X 4 AT 50 FEET PER SECOND OR 350 FT-LBS. (MISSILE LEVEL D) PRODUCT MEETS REQUIREMENTS OF THE HIGH VELOCITY HURRICANE ZONE.

Design Pressure

Where Water

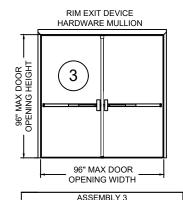
Required

+/-60 PSF



+/-70 PSF

+/-150 PSF



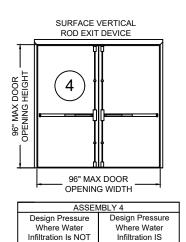
Design Pressure

Where Water

Infiltration Is NOT

Required

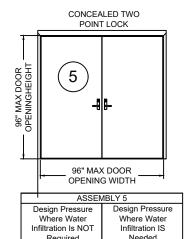
+/-70PSF



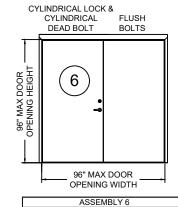
+/-70 PSF

Required

+/-60 PSF



+/-70 PSF



FRANK BENNARDO, PE PE# 0046549 CA# 9885

ASSEMBLY 6				
Design Pressure				
Where Water				
Infiltration IS				
Required				
+/-60 PSF				

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DOOR PRODUCTS
N OF ASSA ABLOY DOOR GROUP, INC
9159 TELECOM DRIVE
MILAN, TN 38358 COMMERCIAL STEEL EXTERIOR DOORS FLUSH PAIRS OF DOORS (LMI) - FBC (2023) FLORIDA STATEWIDE APPROVAL (FSA FL#16355

CECO

**■**CecoDoor

CANAMA	DANS CHAD	
INIT ISSUE (12-CUI-03g-01) KL	KL	FLB
FBC UPDATE	RWN	SS
2017 FBC UPDATE	JEM	FLB
2020 FBC UPDATE	TAE	FLB
2023 FBC (PREV 20-34867)	AMZ	RS

23-68038a

SCALE: NTS UNLESS NOTED



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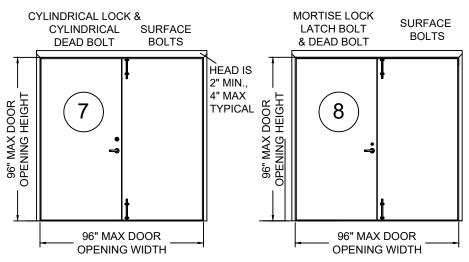
Assembly	Door Series	Minimum Door Gauge	De: Pres	mum sign ssure sf)	Maxir Door O (inch	pening	Door Swing	Latching Hardware Description Active Latching Hardware Desc							
			Positive	Negative	Width	Height		Туре	Brand	Model	Туре	Brand	Model		
1	Regent, Imperial	14	150	150	96	96	Out Swing or	Multi-Point Lock	Corbin Russwin	FE6600	Surface Bolt	Corbin Russwin	988CR		
							In Swing*		Sargent	FM7300		Sargent	988		
2	Fuego,Medallion, Legion, Omega, Regent, Ultra, Trio, Trio-E	16 Trio, TrioE -18	70	70	96	96	Out Swing	Concealed Vertical Rod	Sargent	HC-MD-8600, HC-12-8600, HC-MD-12-8600, WS-MD-8600, WS-12-8600, WS-MD-12-8600	Concealed Vertical Rod	Sargent	HC-MD-8600, HC-12-8600, HC-MD-12-8600, WS-MD-8600, WS-12-8600, WS-MD-12-8600		
(3)	Medallion, Legion,	16							Corbin Russwin	ED5200S(A) x M107		Corbin Russwin	ED5200S(A) x M107		
	Omega, Regent, Ultra, Trio, Trio-E	1 70 1 70	70	96	96	Out Swing	Rim Exit Device	Sargent	HC8800, 12-HC8800	Rim Exit Device	Sargent	HC8800, 12-HC8800			
O		Trio, TrioE -18							Yale	7150(F)WS/7250M(F)WS		Yale	7150(F)WS/7250M(F)WS		
	Medallion, Legion,	16					Corbin Russwin	ED5470(B) x M107	Surface Vertice	Corbin Russwin	ED5470(B) x M107				
(4)	Ultra, Regent, Trio, TrioE -18	- 1 70 1 7	70	96	96	Out Swing	Surface Vertical Rod	Sargent	HC4-8700	Surface Vertical Rod	Sargent	HC4-8700			
	Omega, Trio, Trio-E			Yale	7170(F)WS	Nod	Yale	7170(F)WS							
	Fuego, Imperial,								Sargent	WS-12-7000, HC-12-7000		Sargent	WS-12-7000, HC-12-7000		
5	Medallion, Legion, Omega, Regent, Ultra, Versadoor,	16 Trio, TrioE -18	70	70	96	96	Out Swing	Concealed Two Point Lock	Corbin Russwin	M9800 (A/B) x M107	Concealed Two Point Lock	Corbin Russwin	M9800(A/B) x M107		
6		Trio Trio F	Trio, Trio-E	18	70	70	96	96	Out Swing or	Cylindrical Lock &	Corbin Russwin	CL3100 DL3200 Dead Bolt	- Flush Bolt	Rockwood	556WS
0)	1110, 1110-L	10	'0	'0	90	90	In Swing*	Cylindrical Dead Bolt	Sargent	11 Line 480 Dead Bolt	I Idsii boit	Nockwood	330773		
,	Butt	McKinney 4-1/2	2" x 4-1/2"	0.134" thi	ck steel h	ninges or	any FBC app	roved hinges may be used. A	ny SDI member hinge loc	ations may be used.					
Hinges **	Continuous	Markar FM100	, FM200, F	M300, FM	3500, FM	1100, or F	-M1111; Pem	ko CFMSLF-HD continuous hir	nges may be used. Any F	BC approved continuous hinge	may be used.				
	Pivots	Rixson 195 Piv	ot set with	n M19 inter	mediate	pivots m	ay be used. A	ny FBC approved pivot may be	used.	-					
Auxiliary Hardware  1" diameter preparations for door position switches, Door position switches that fit in a cutout measuring 1.25" x 4.875", and Securitron EPT, EPTL, CEPT and SEPT maybe used.  Maglocks may be used in addition to the hardware listed above. Viewers with 1" and smaller hole preparation may be used.															

\*In-Swing Configurations not approved for water infiltration. See Hardware notes for additional Hardware options.

\*\* SUBSTITUTIONS, WITH FBC COMPONENT APPROVALS, MAY BE USED AS LONG AS THE SUBSTITUTIONS ARE WITHIN THE LIMITING DESIGN PARAMETERS OF THIS APPROVAL AND THE COMPONENT APPROVAL.

# CECO DOOR FLUSH PAIRS DOORS

PRODUCTS ILLUSTRATED IN THIS DOCUMENT ARE QUALIFIED FOR LARGE AND SMALL MISSILE IMPACT. LARGE MISSILE IMPACT IS 9 LB 2 X 4 AT 50 FEET PER SECOND OR 350 FT-LBS. (MISSILE LEVEL D) PRODUCT MEETS REQUIREMENTS OF THE HIGH VELOCITY HURRICANE ZONE.



	MORTISE LOCK LATCH BOLT & DEAD BOLT	SURFACE BOLTS
96" MAX DOOR OPENINGHEIGHT	9	
	96" MAX I OPENING	WIDTH

	MORTISE LOCK LATCH BOLT & DEAD BOLT	FLUSH BOLTS	1
96" MAX DOOR OPENINGHEIGHT	10		
	96" MAX OPENING	·-·	
	ACCEM	DI V 10	

	LATCH BOLT & DEAD BOL	BULTS I
84" MAX DOOR OPENING HEIGHT	11)	
	72" MAX OPENING	DOOR -
	ASS	SEMBLY 11

Design Pressure Where Water Infiltration Is NOT Needed +/-70 PSF

+/-60 PSF

	NEEL
OR	
BLY 11	ШЩ
Design Pressure Where Water Infiltration IS Needed	

FRANK BENNARDO, PE PE# 0046549 CA# 9885

ASSEMBLY 7					
Design Pressure	Design Pressure				
Where Water	Where Water				
Infiltration Is NOT	Infiltration IS				
Required	Required				
+/-70 PSF	+/-60 PSF				

ASSEN	ASSEMBLY 8					
Design Pressure	Design Pressure					
Where Water	Where Water					
Infiltration Is NOT	Infiltration IS					
Required	Required					
+/-70 PSF	+/-60 PSF					

ASSEMBLY 9					
Design Pressure	Design Pressure				
Where Water	Where Water				
Infiltration Is NOT	Infiltration IS				
Required	Required				
+/-70 PSF	+/-60 PSF				

Maglocks may be used in addition to the hardware listed above. Viewers with 1" and smaller hole preparation may be used.

	ASSEMBLY 10						
Des	gn Pressure	Design Pressure					
WI	nere Water	Where Water					
Infiltr	ation Is NOT	Infiltration IS					
1	Required	Required					
+/-	70 PSF	+/-60 PSF					

Assembly	Door Series	Minimum Door Gauge	De: Pres	mum sign ssure sf)	Maxir Door O (incl	pening	Door Swing	Latch	ning Hardware Description	n Active	Lato	ching Hardware Descri	ption In-Active
			Positive	Negative	Width	Height		Туре	Brand	Model	Туре	Brand	Model
7	Trio, Trio-E	18	70	70	96	96	Out Swing or	Cylindrical Lock &	Corbin Russwin	CL3100 DL3200 Dead Bolt	Surface Bolt	Corbin Russwin	988CR
7	1110, 1110-E	10	70	70	90	90	In Swing*	Cylindrical Dead Bolt	Sargent	11 Line 480 Dead Bolt	Surface Boil	Sargent	988
8	Fuego, Imperial, Medallion, Legion,	16	70	70	96	96	Out Swing	Mortise Lock	Corbin Russwin	ML2000, ML20600, ML20700, ML20800, ML20900	Surface Bolt	Corbin Russwin	988CR
	Omega, Regent, Ultra, Versadoor							Latch Bolt & Dead Bolt	Sargent	7800, 8200, R8200		Sargent	988
	Ollia, versadoor								Yale	8800		Yale	988Y
9	Trio, Trio-E	18	70	70	96	96	Out Swing or	Mortise Lock	Corbin Russwin	ML2000, ML20600, ML20700, ML20800, ML20900	Surface Bolt	Corbin Russwin	988CR
	,						In Swing*	Latch Bolt & Dead Bolt	Sargent	7800, 8200, R8200		Sargent	988
									Yale	8800, S8800 x SYM		Yale	988Y
10	Trio, Trio-E	18	70	70	96	96	Out Swing or	Mortise Lock	Corbin Russwin	ML2000, ML20600, ML20700, ML20800, ML20900	Flush Bolt	Rockwood	556WS
	,						In Swing*	Latch Bolt & Dead Bolt	Sargent	7800, 8200, R8200	I Idon Boit		
									Yale	8800			
11	Trio, Trio-E	18	70	70	72	84	Out Swing or	Mortise Lock Latch Bolt & Dead Bolt	Corbin Russwin	ML2000, ML20600, ML20700, ML20800, ML20900	Surface Bolt	Corbin Russwin	988CR
							In Swing*	Later Doit & Dead Doit	Sargent	7800, 8200, R8200		Sargent	988
									Yale	8800, S8800 x SYM		Yale	988Y
	Butt	McKinney 4-1/2	2" x 4-1/2"	0.134" thi	ck steel h	ninges or	any FBC app	roved hinges may be used. A	Any SDI member hinge lo	cations may be used.			
Hinges**	Continuous	Markar FM100	FM200, F	M300, FN	13500, FN	/1100, or l	FM1111, Pem	ko CFMSLF-HD continuous hi	inges may be used. Any F	BC approved continuous hinge i	may be used.		
	Pivots												
Augili:	ary Hardware ary Hardware ary Hardware ary Hardware ary Hardware are the first of t			ybe used.									

\*In-Swing Configurations not approved for water infiltration. See Hardware notes for additional Hardware options.

Auxiliary Hardware

MORTISE LOCK ELLISH

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9159 TELECOM DRIVE
MILAN, TN 38358

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FL# 16355.1

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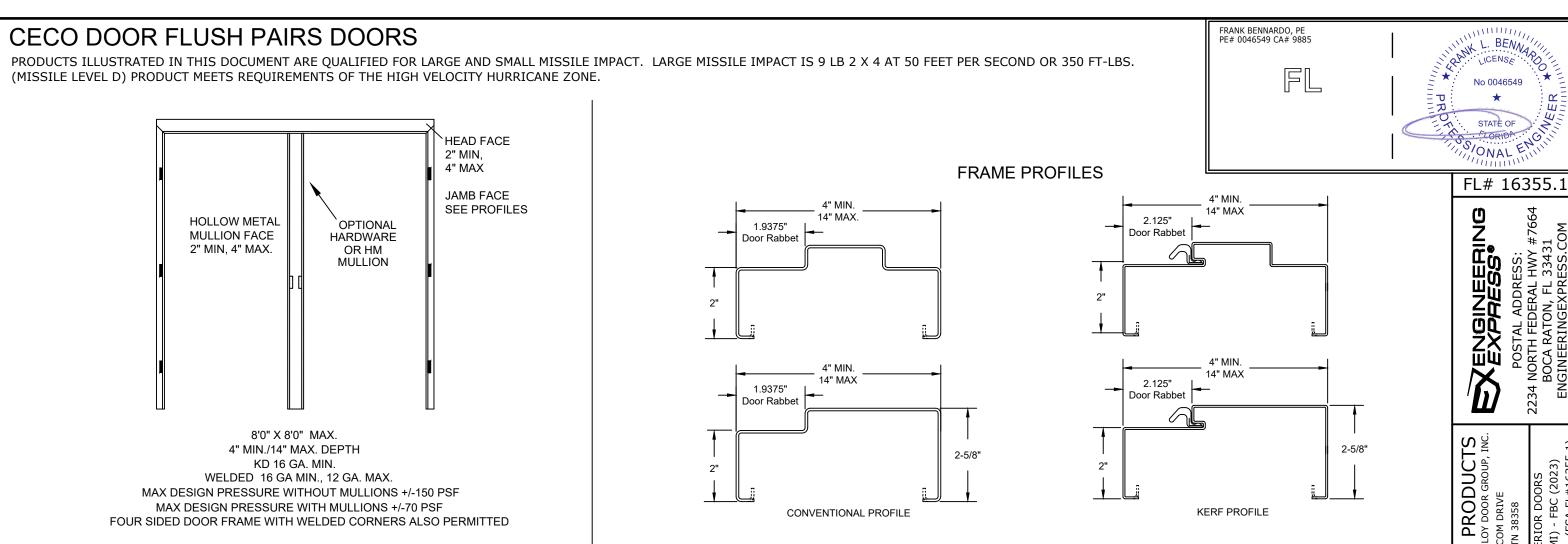
COMMERCIAL STEEL EXTERIOR DOORS FLUSH PAIRS OF DOORS (LMI) - FBC (2023) FLORIDA STATEWIDE APPROVAL (FSA FL#16355

REMARKS	DRWN CHKD	CHKD	PA
INIT ISSUE (12-CUI-03g-01) KL	Ā	FLB	06/28/
FBC UPDATE	RWN	CSF	06/12/
2017 FBC UPDATE	JEM	FLB	10/03/
2020 FBC UPDATE	TAE	FLB	12/17/
2023 FBC (PREV 20-34867)	AMZ	RS	10/18/

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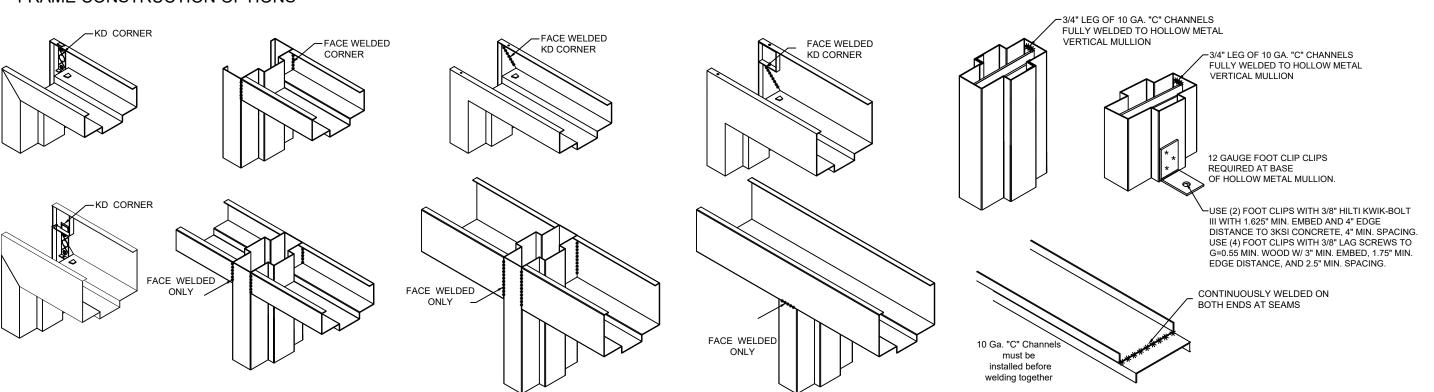
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**CONVENTIONAL PROFILE** 

### FRAME CONSTRUCTION OPTIONS

FOUR SIDED DOOR FRAME WITH WELDED CORNERS ALSO PERMITTED



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MMERCIAL STEEL EXTERIOR DOORS 1 PAIRS OF DOORS (LMI) - FBC (2023) STATEWIDE APPROVAL (FSA FL#16355 DOOR PRODI NOF ASSA ABLOY DOOR GI 9159 TELECOM DRIVE MILAN, TN 38358

KERF PROFILE

CECO

**E**Ceco Door

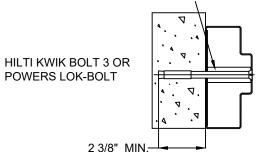
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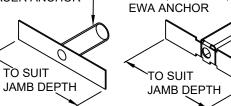
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EXISTING MASONRY OR POURED CONCRETE, 3000 psi MIN. WELDED PIPE SPACER OR EWA ANCHOR WITH 3/8" EXPANSION ANCHOR BOLTS USING 3/8" GRADE 5 BOLT MINIMUM EDGE DISTANCE = 4.0"

MAXIMUM SHIM THICKNESS = 0.25"



16 GA (0.053" MIN) PIPE SPACER ANCHOR



16 GA (0.053" MIN)

 $1\!\!\!/ 4$ " MAX. THICK A-36 STEEL SHIMS WELDED TO STRUCTURAL BUILDING MEMBER WITH FILLET WELDS MEASURING 2" LONG USING E6018 ELECTRODES. FILLET WELD SIZE SAME AS SHIM THICKNESS FOR 0.053" TO 0.125" SHIM THICKNESS. WELD SIZE 1/8" FOR > 0.125" TO 1/4" SHIM THICKNESS.

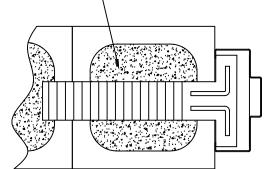
STEEL SHIMS WELDED TO BUILDING STRUCTURE

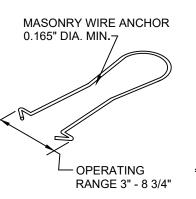
WELD HOLLOW METAL FRAME TO SHIM WITH 3/16" WELD, 1" LONG BOTH SIDES OF FRAME

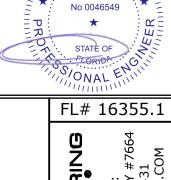
2" X 7" STEEL SHIM PLATE(S), OR TO SUIT FRAME JAMB DEPTH

> MAXIMUM SHIM **SPACE 1/4"**

MAXIMUM SHIM THICKNESS 0.25 CMU BLOCK AND THROAT OF FRAME FILLED WITH 3000 PSI MORTAR







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MMERCIAL STEEL EXTERIOR DOORS 1 PAIRS OF DOORS (LMI) - FBC (2023) STATEWIDE APPROVAL (FSA FL#16355

DOOR PF OF ASSA ABLOY 1 9159 TELECOM MILAN, TN 38

PRODU

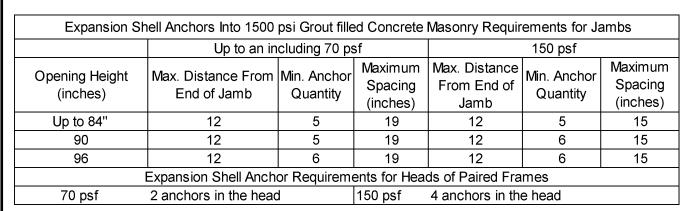
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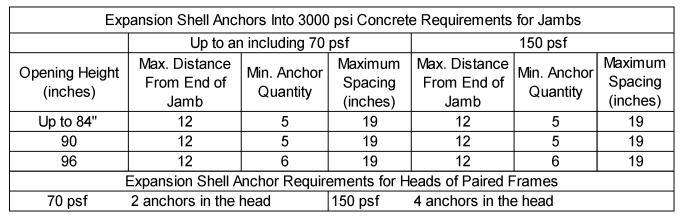
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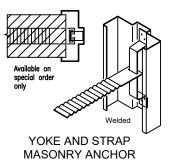
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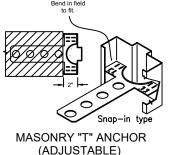


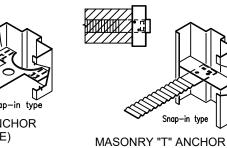


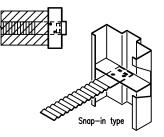
70 psf

2 anchors in the head

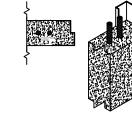
\_1.25" GREATER THAN\_ JAMB DEPTH







2 anchors in the head



POURED IN PLACE WALL

FRANK BENNARDO, PE PE# 0046549 CA# 9885

16 GA (0.053" MIN)

MASONRY TANCHOR

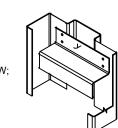
	Anchor Requirements for Jambs of Paired Frames
	Anchor Poquiroments for Jambs of Paired France
Mason	ry Strap, Masonry T, Masonry Wire, and Welded to the Building Structure

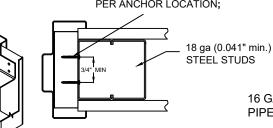
	7 1101101 13	equilibrilion i	or oarribo or	i dired i idilieo		
	Up to ar	including 70	psf		150 psf	
Opening Height (inches)	Max. Distance From End of Jamb	Min. Anchor Quantity	Maximum Spacing (inches)	Max. Distance From End of Jamb	Min. Anchor Quantity	Maximum Spacing (inches)
Up to 84"	12	4	24	12	4	24
90"	12	5	24	12	5	24
92"-96"	12	5	24	12	5	24
E	Expansion Shell A	nchor Require	ements for H	eads of Paired F	rames	
70 psf	2 anchors in the	head	150 psf	4 anchors in the	e head	
Welded	to the Building Str	ucture Ancho	r Requireme	nts for Heads of	Paired Frame	es

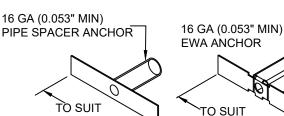
150 psf

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> #14 x 1" GRADE 5 SHEET METAL SCREW; 2 SCREWS REQUIRED PER ANCHOR LOCATION;







JAMB DEPTH

FRANK BENNARDO, PE PE# 0046549 CA# 9885

16 GA (0.053" MIN) PIPE SPACER ANCHOR JAMB DEPTH

WELDED PIPE SPACER OR EWA ANCHORY WITH 3/8" (GRADE 2 MIN.) TAP-IN BOLT WITH 3 PINCHES PASSED THE THREAD

PLANE. MINIMUM EDGE DISTANCE = 1.75"

1/4" THK. MIN. A36 MIN.

STEEL SUBSTRATE

Pocket provided

thick wall board

for 1/2" or 5/8"

MAXIMUM SHIM THICKNESS = 0.25"

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L. BENNAPO

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FL# 16355.1

PRODUCTS LOY DOOR GROUP, IN DOOR PROD

OF ASSA ABLOY DOOR G

9159 TELECOM DRIVE

MILAN, TN 38358

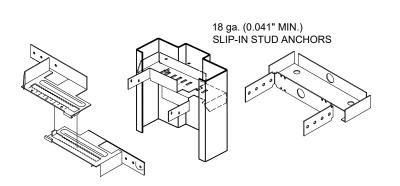
CECO

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23-68038a

SCALE: NTS UNLESS NOTE





WELDED WOOD STUD ANCHOR

4 SCREWS REQUIRED PER ANCHOR;

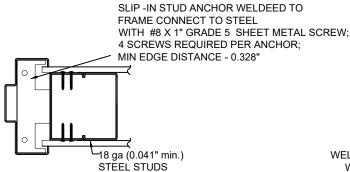
16 ga (0.053" MIN.)

WOOD STUD ANCHOR

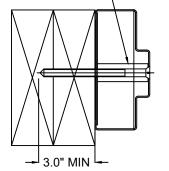
WITH #8 X 1" GRADE 5 SHEET METAL SCREW;

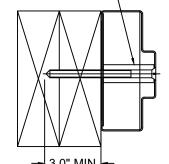
MIN EMBEDMENT = 1"MIN EDGE DISTANCE = 0.524"

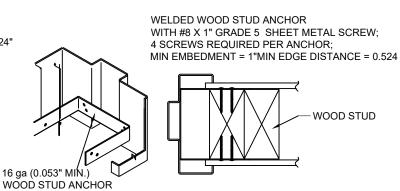
WOOD STUD

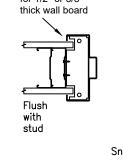


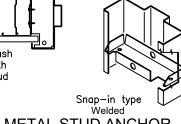
WELDED PIPE SPACER OR EWA ANCHOR WITH 3/8" WOOD SCREW OR LAG BOLT MINIMUM EDGE DISTANCE = 1.75" MAXIMUM SHIM THICKNESS = 0.25"











Stud Anchor Requirements for Paired Frame Jambs Up to an including 70 psf 150 psf Max. Distance Maximum Maximum Max. Distance Min. Anchor **Opening Height** Vlin. Anchor From End of From End of Spacing Spacing (inches) Quantity Quantity (inches) Jamb (inches) Jamb Up to 88" 12 22 12 6 12 4 90" 12 22 12 12 5 5 12 92"-96" 12 22 12

Stud Anchor Requiremnts for Heads of Paired Frames

4 anchors in the head @ 3" O.C 70 psf 150 psf 8 anchors in the head @ 3" O.C

Pocket provided for 1/2" or 5/8"

METAL STUD ANCHOR

Flush

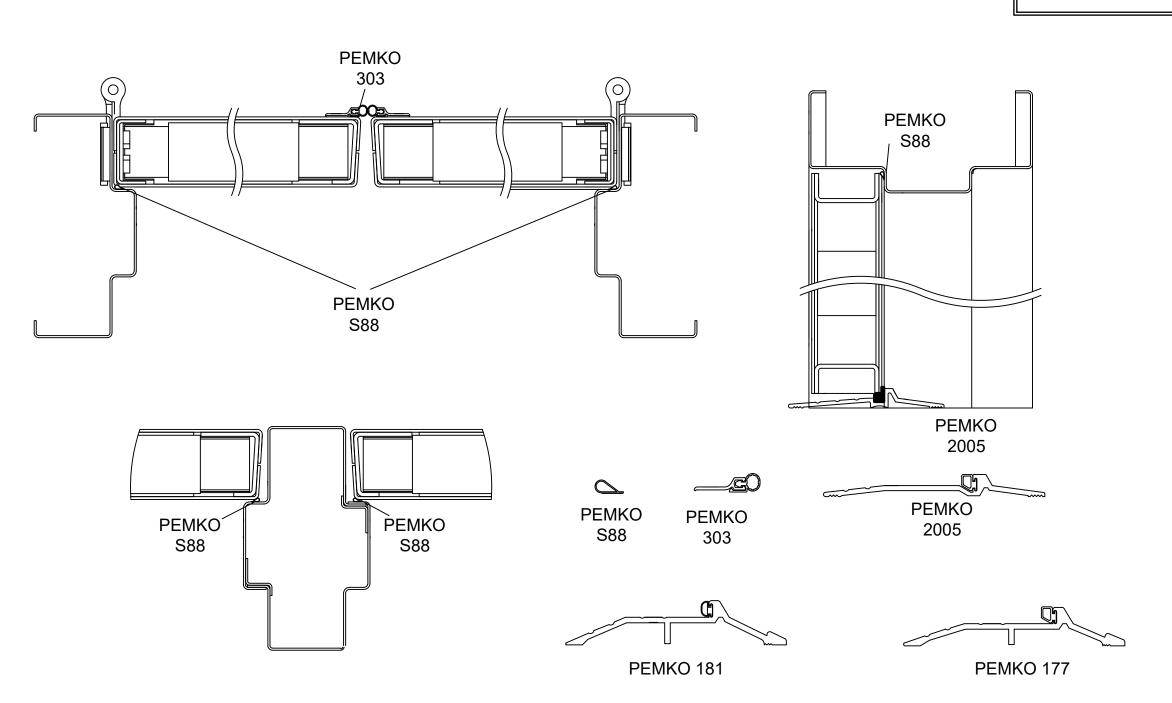
METAL STUD "Z" **ANCHOR** 

# CECO DOOR FLUSH PAIRS DOORS

PRODUCTS ILLUSTRATED IN THIS DOCUMENT ARE QUALIFIED FOR LARGE AND SMALL MISSILE IMPACT. LARGE MISSILE IMPACT IS 9 LB 2 X 4 AT 50 FEET PER SECOND OR 350 FT-LBS. (MISSILE LEVEL D) PRODUCT MEETS REQUIREMENTS OF THE HIGH VELOCITY HURRICANE ZONE.

FRANK BENNARDO, PE PE# 0046549 CA# 9885 FL

PEMKO WEATHERSTRIP USED ON CECO DOORS AND FRAMES WHERE WATER INFILTRATION IS NOT REQUIRED.



FL# 16355.1

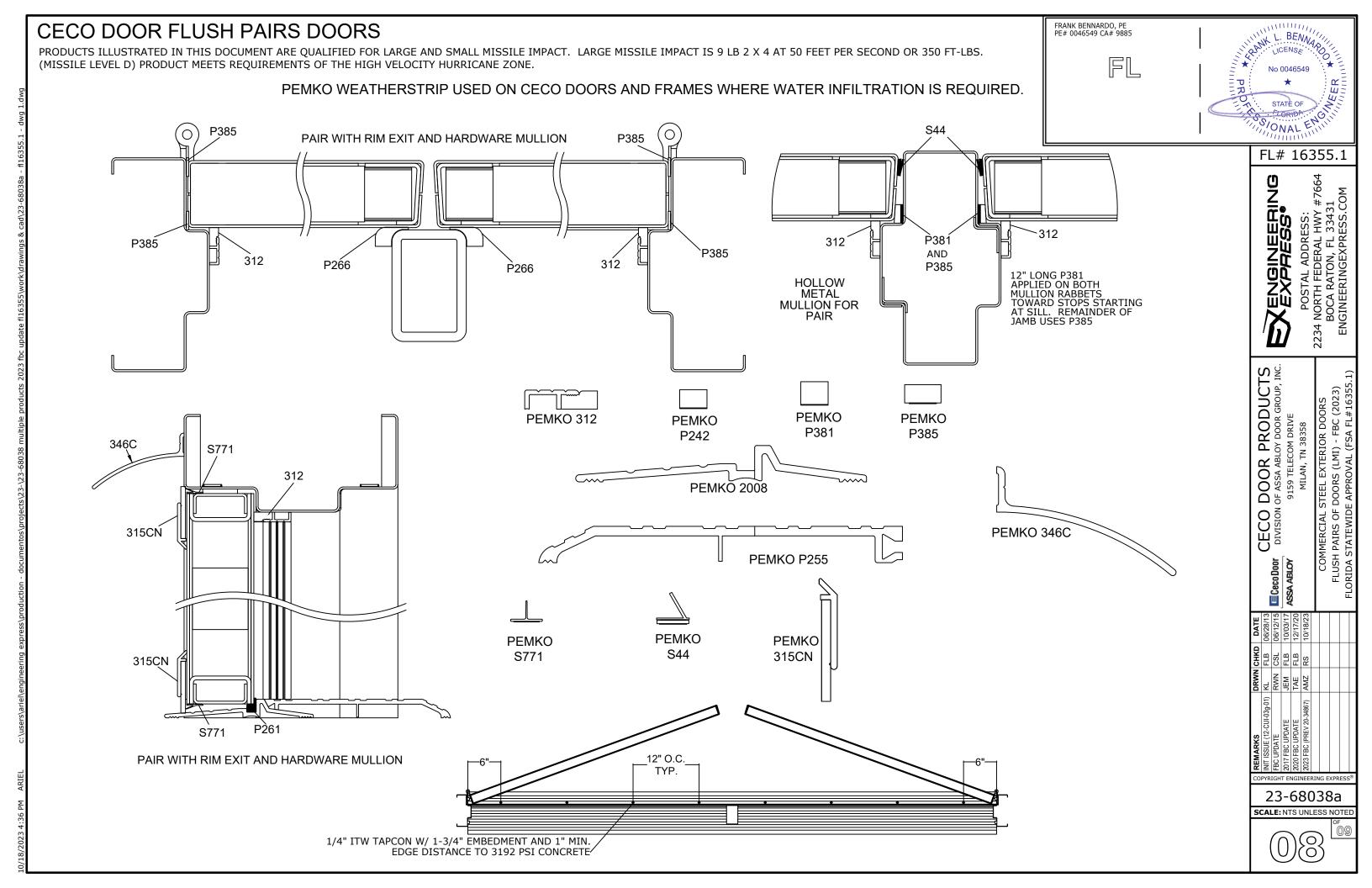
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N OF ASSA ABLOY DOOR GROUP, INC. 9159 TELECOM DRIVE MILAN, TN 38358

ISSUE (12-CUI-03g-01) KL	ΚL	FLB	06/28/13
UPDATE	RWN	CSF	31/21/90
FBC UPDATE	JEM	FLB	10/03/17
FBC UPDATE	TAE	FLB	12/17/20
FBC (PREV 20-34867)	AMZ	RS	10/18/23

23-68038a





## HARDWARE NOTES

The ED5200(S)A / ED4200(S)A x M107 Rim Exit and the ED5470(B) x M107 Surface Vertical Rod maybe suffixed by MER. May use M94 with any combination of the M61, M92, M93, or M1 suffixes.

The ED5200(S)A x M107 Rim Exit and the ED5470(B) x M107 Surface Vertical Rod may include 900 series trims 9600, 9700, 9800 Series Access Control Trims or the 9900 Series Electrified Trims.

The MP9800 (A/B) x M107 Series Concealed Multi-Point Lock may include the options: M91, M92, M93, 903, 904. Access 600, IN, INB, SE.

Use FE707A, FE708A, WS707AKM, or WS708AKM Hardware Mullion with the ED5200(S)A / ED4200(S)A x M107 Rim

On pairs of doors, one leaf of the pair utilizing with the ED5470(B) x M107 Surface Vertical Rod or MP9800 (A/B) x M107 Series Concealed Multi-Point Lock may be replaced with two 988CR surface bolts. The local building official must approve this configuration of hardware for use in a means of egress.

The ML2000 Series Mortise Locks, Series CL3300 Series Cylindrical Locks, ED5200(S)A x M107 Rim Exit, and ED5470(B) x M107 Surface Vertical Rod may be prefixed IN-IP, IN-IPS, IN-CP, IN-IP-MB, IN-IP-MW, IN-IPS-MB, IN-IPS-MW, IN-CP-MP, and IN-CP-MW.

The ML2000 Series Mortise Locks, Series CL3300 Series Cylindrical Locks, ED5200(S)A x M107 Rim Exit may be prefixed PIP1-IPSKM, PWI1-IPSKM, PIP1-CPKM, PWI1-CPKM, PIP1-IPSM, PWI1-IPSM, PIP1-CPM, and PWI1-CPM.

May also use the ML20100 and ML20200 mortise locks.

The SELP10 and IN 120 Access Control may be used with CL3300 Cylindrical Lock or ML2000 Mortise Lock.

The 1006 Series Electric Strike maybe used on 4'0" x 8'0" and smaller single or 8'0" x 8'0" and smaller pairs out swinging doors of 70 psf or less.

The 9600 Series Electric Strike may be used with the Sargent HC8800 Series Rim Exit at design pressures of 70 psf or less.

The 9700 Series Electric Strike may be used with the Corbin Russwin ED5200(S)A and the Yale 7150(F)WS / 7250M(F)WS Rim Exits at design pressures of 70 psf or less.

Securitron 1500 / 1500E Strike may be used on 3'0" x 7'0" and smaller single out swinging assemblies with mortise locks and latch bolt only at design pressures of 60 psf or less.

Securitron 1600 / 1600E Strike may be used on 4'0" x 8'0" and smaller single out swinging assemblies with mortise locks with latch bolt and dead bolt of 70 psf and less.

The HC8800 Series Rim Exit, WS 8800 Series Rim Exit, and WS-8900 Series Mortise Exit maybe prefixed 53, 55, 55-56, 56, 57, 58, AWE, B, BT, ET, H1, H2, KP, LK, LU, M1, N1, N2, PA, PK, PG, P1, P2, IPSKM, CPKM, IPSM, CPM, IM, IKM, PRX, S1, S2, S3, IA, IK, IN, TK, TL, TP and TU.

Use HC980, 12-HC980, HCL980, 12-HCL980 Hardware Mullion with the HC8800 Series Rim Exit.

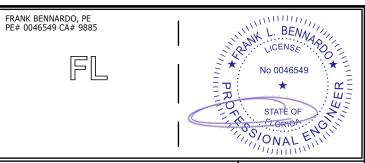
Series HT-56- can be used same as the 53-56- on the 80 Series devices. Exceptions include the following prefixes either used alone or in combination: 53-, 55-, 57-, 58-, 59- and AL.

All 80 Series employing HiO technology and the 55 option are designated HT-55-.

The MD8600 Series Concealed Vertical Rod Exit and 7000 Series Concealed Multi-point Lock may be prefixed 53, 55, 56, 57, 58, 59, BT, ET, H1, H2 and TL.

On pairs of doors, one leaf of the pair utilizing with the MD8600 Series Concealed Vertical Rod Exit, 7000 Concealed Multi-Point Lock or HC4-8700 / HC-8700 Surface Vertical Rod may be replaced with two 988CR surface bolts. The local building official must approve this configuration of hardware for use in a means of egress.

The 10 Line / 10G77 Cylindrical Locks and 8200 / R8200 mortise Locks may be prefixed AWE, B, PG, P1, P2, IPSKM, CPKM, IPSM, CPM, IM, IKM, PRX, IA, IK, IN, KP, LK, LU, PA, PK, H1, H2, N1, N2, S1, S2, S3, TK, TL, TP and TU.



7150(F)WS / 7250M(F)WS Rim Exit and 7170(F)WS Surface Vertical Rod may be suffixed with any combination of A, B, O, or S. These devices may be prefixed by Sym and can include 500F or 600F Series Trims.

Use M200FWS or KRM200FWS Mullion with the 7150(F)WS / 7250M(F)WS Rim Exit.

On pairs of doors, one leaf of the pair utilizing with the 7170(F)WS Surface Vertical Rod may be replaced with two 988CR surface bolts. The local building official must approve this configuration of hardware for use in a means of

nexTouch Access Control may be used on single 3'0" x 7'0" assemblies with 4700LN cylindrical lock at design pressures of 60 psf or less.

### Securitron

The MUNL may be used on 60 psf rated single 3'0" x 7'0" assemblies with a mortise Corbin Russwin ML2000, Sargent 7800/8200/R8200, or Yale 8800 mortise lock. The UNL may be used on 60 psf rated single 3'0" x 7'0" assemblies with a Corbin Russwin CL3100 / CL3300 / CL3500 / CL3800, Sargent 6500 / 7 /10, or Yale 5300 / 5300LN / 5400 / 5400LN Cylindrical Locks.

The ICPT Wireless Inductive Power Transfer may be used.

FL# 16355.1

ENGINE

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DOOR PRODUCTS
N OF ASSA ABLOY DOOR GROUP, INC
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MILAN, TN 38358 MMERCIAL STEEL EXTERIOR DOORS 1 PAIRS OF DOORS (LMI) - FBC (2023) STATEWIDE APPROVAL (FSA FL#16355

CECO

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