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ALLEGION - SCHLAGE LOCK COMPANY, LLC.

OUTSWING SINGLE FLUSH WITH FALCON MA SERIES MORTISE LOCK (HVHZ)(IMPACT)

GENERAL NOTES:

1. THESE PRODUCTS COMPLY WITH THE CURRENT FLORIDA BUILDING CODE AND HAVE BEEN TESTED TO HVHZ PROTOCOLS TAS 201, 202, & 203-94 AND ASTM E1886, E1996 & E330-14.
2. THE DOORS ARE LARGE MISSILE IMPACT RATED.
3. DISSIMILAR MATERIAL IN CONTACT SHALL MEET FBC REQUIREMENTS.
4. ASSEMBLIES MEET FBC AIR INFILTRATION REQUIREMENTS.

NOTES:

1. WEATHERSTRIPPING - INSTALL PER SHTS. 15 & 16.
2. ANCHOR REQUIREMENTS: SEE SHTS. 6 - 15 FOR APPROVED ANCHOR INSTALLATION REQUIREMENTS.
3. BUTT HINGE REQUIREMENTS:
 - FOR DOOR OPENING UP TO 60" HIGH - MIN. (2) HINGES
 - FOR DOOR OPENING OVER 60" - 90" HIGH - MIN. (3) HINGES
 - FOR DOOR OPENING OVER 90" - 96" HIGH - MIN. (4) HINGES
 - LOCATIONS: 7.125" MIN. - 9.75" MAX. FROM RABBIT IN HEAD TO CL OF TOP HINGE
 - 9" MIN. - 12.25" MAX. FROM FLOOR TO CL OF BOTTOM HINGE, EQUALLY SPACED IN BETWEEN.
 - HINGE SPACING MAY VARY, MAXIMUM SPACE NOT TO EXCEED 35 1/2" BETWEEN HINGES.
4. SEE SHTS. 2, 3, 18 & 19 FOR AVAILABLE STANDARD OPENING SIZES AND SPECIFICATIONS.
5. HARDWARE INSTALLATION AS PER MANUFACTURER'S INSTRUCTIONS AND THESE DETAILS.
6. 4" FACE HEAD IS AVAILABLE WHEN GROUTED FULL.
7. APPLY CAULK AS NEEDED.
8. SEE SHT. 3 FOR SECTIONS A-A, B-B, C-C, D-D, AND E-E.
9. ELECTRIFIED AND FIRE RATED OPTIONS OF APPROVED HARDWARE ARE ACCEPTABLE. INSTALLATION AND APPLICATION IS UNDER SEPARATE APPROVAL AND IS REVIEWED BY THE CORRESPONDING AUTHORITY. FIRE RATING NOT PART OF THIS APPROVAL, CONSULT MANUFACTURER FOR APPROVED CONFIGURATIONS.
10. OPTIONAL POWER TRANSFERS, MONITORING SWITCHES, SUPPLEMENTAL MAGNETIC LOCKS MAY BE USED AS ALLOWED BY CODE AND DOES NOT EFFECT THE MECHANICAL PROPERTIES OF HARDWARE AND OR INHIBIT EGRESS. TO BE REVIEWED BY THE BUILDING OFFICIAL.

CONSTRUCTION NOTES:

1. DOOR CONSTRUCTION
 - 1.1. NOMINAL DOOR THICKNESS - 1 3/4"
 - 1.2. DOORS AVAILABLE IN FLAT AND EMBOSSED SURFACE MODELS
 - 1.3. ALL DOORS ARE FLUSH - NO LITES OR LOUVERS APPROVED
 - 1.4. DOOR VIEWERS ARE PERMITTED TO BE USED. MAXIMUM 9/16" DIAMETER HOLE THROUGH DOOR FOR VIEWER INSTALLATION. MAXIMUM 2 VIEWERS PER DOOR.
2. FRAME CONSTRUCTION
 - 2.1. MINIMUM JAMB DEPTH - 5 3/4", STOP HEIGHT - 5/8"
 - 2.2. STEELCRAFT FRAMES AVAILABLE AS FLUSH (F-SERIES) AND MULTI-USE (MU-SERIES) (SEE TABLE 6, SHT. 17). REPUBLIC DOOR FRAME OPTIONS AVAILABLE AS ME-SERIES AND SE-SERIES (SEE TABLE 10, SHT. 19).
3. FOR STEELCRAFT DOOR/FRAME MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 7, SHT. 17. FOR REPUBLIC DOORS DOOR/FRAME MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 11 SHT. 19.
4. FRAME CORNER WELD: CONTINUOUS BACK WELD WITH FULL PENETRATION TO FACE SEAM. GRIND, SMOOTH, PRIME, & PAINT. WELD CLASSIFICATION - E70XX. SEE SHEET 17 & 19 FOR DETAIL.

DESIGN PRESSURE RATING	
	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
	OUTSWING
POSITIVE	+ 50 PSF
NEGATIVE	- 50 PSF

LARGE MISSILE IMPACT RATING	
TEST STANDARD	IMPACT
FBC TAS-201 ASTM E1886 & ASTM E1996	34 MPH (50 FPS) LEVEL "D"

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11	4-SIDED FRAME ANCHORS - WOOD STUD JAMB ANCHOR & STEEL STUD JAMB ANCHOR
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17	DOOR & FRAME DETAILS & CORNER CONSTRUCTION
18	REPUBLIC DOORS: SINGLE DOORS OUTSWING CONFIGURATIONS & BOM
19	REPUBLIC DOORS: FRAME DETAILS & CORNER CONSTRUCTION



ALLEGION-SCHLAGE LOCK COMPANY, LLC
11819 N. PENNSYLVANIA STREET
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TITLE: OUTSWING SINGLE FLUSH WITH
FALCON MA SERIES MORTISE LOCK
(HVHZ)(IMPACT)

GENERAL NOTES &
DESIGN PRESSURE TABLE

PREPARED BY:

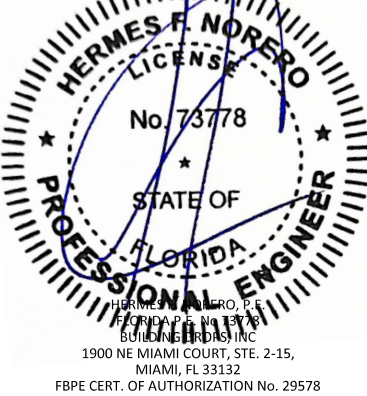
BUILDING DROPS, INC.
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REMARKS	BY	DATE
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Reason: I am approving this document
Date: 2026.02.08 13:24:11 -0500'



FL #:

FL16740

DATE: **09.20.2024**

DWG. BY: **JA** CHK. BY: **HN**

SCALE: **NTS**

DWG. #: **FMASF**

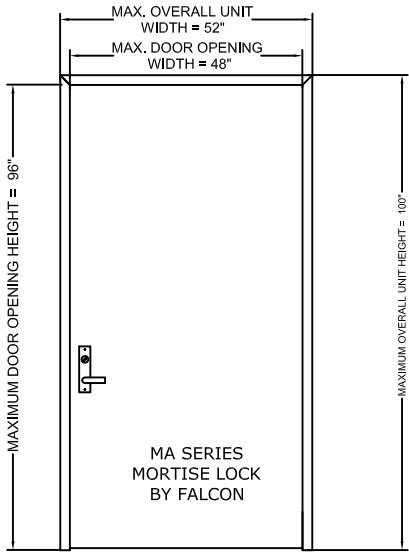
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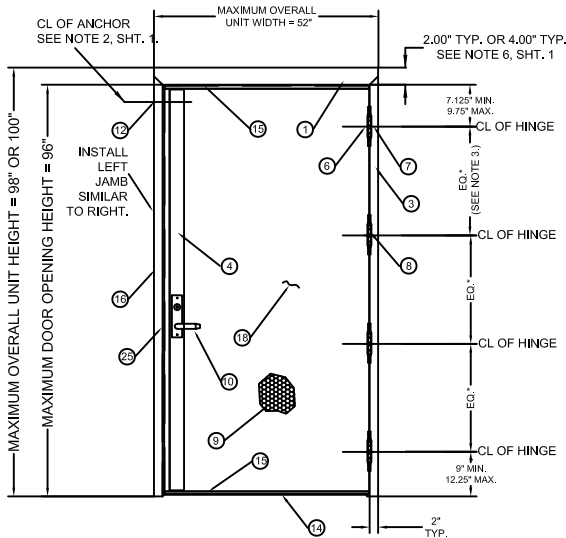
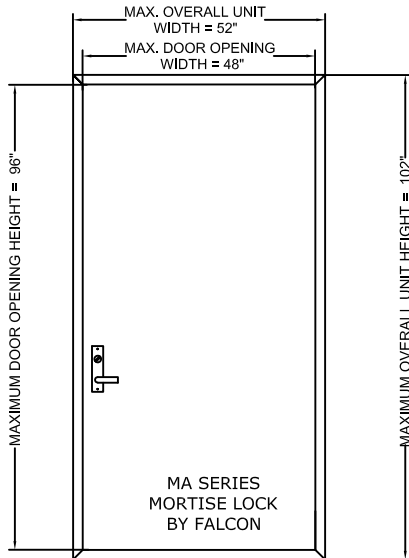
3-SIDED FRAME CONSTRUCTION

SINGLE OUTSWING DOOR

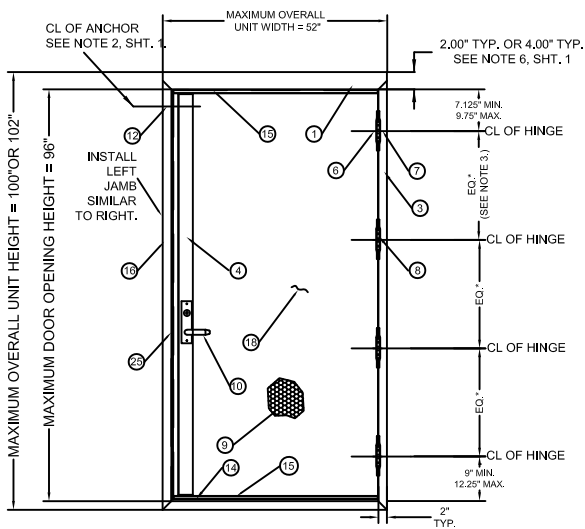


4-SIDED FRAME CONSTRUCTION

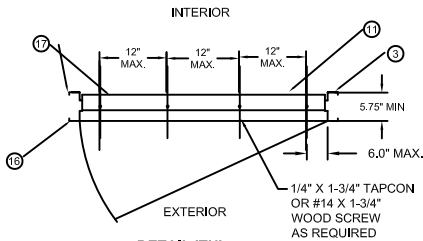
SINGLE OUTSWING DOOR



OUTSWING DOOR WITH THREE SIDED FRAME
(EXTERIOR VIEW)
ALL DIMENSIONS TYPICAL, UNLESS SPECIFIED OTHERWISE



OUTSWING DOOR WITH FOUR SIDED FRAME
(EXTERIOR VIEW)
ALL DIMENSIONS TYPICAL, UNLESS SPECIFIED OTHERWISE



DETAIL 'TH'
TYPICAL THREE SIDED FRAME
SILL THRESHOLD INSTALLATION
SINGLE DOOR

TABLE 1 (SEE TABLE 8, SHEET 18 FOR OPTION 2 CONFIGURATION)

	QUANTITY	DESCRIPTION	MATERIAL	SIZE
1	1	HEAD (SEE SHT. 17)	.053" MIN. STL.	MAX. 52"
2	1	SILL JAMB (SEE SHT. 17)	.053" MIN. STL.	MAX. 52"
3	1	HINGE JAMB (SEE SHT. 17)	.053" MIN. STL.	MAX. 102" HEIGHT.
4	1	LOCK SIDE REINFORCEMENT CHANNEL	.093" MIN. STL.	3.5 X 93.44 MAX.
5				
6	NOTE 3, SHT1	HINGE REINFORCEMENT DOOR	.167" MIN. STL.	1.23" X 9.19" MIN.
7	1	HINGE REINFORCEMENT FRAME	.167" MIN. STL.	1.50" X 9.19" MIN.
8	NOTE 3, SHT1	BUTT HINGES (SEE SHT. 4)	.134 MIN.	(8) #12-24 MS PER HINGE
		OPTIONAL CONTINUOUS HINGE (SEE SHT. 4)	.075" MIN. STL/.11 ALUM	MAX. 95"
9	1	CORE MATERIAL (SEE SHT. 5):	D) HONEYCOMB C) STEEL STIFFENED A/F) POLYSTYRENE B/F) POLYURETHANE/POLYISOCYANURATE E) MINERAL BOARD TEMPERATURE RISE CORE	
10	1	LOCKING HARDWARE- FALCON MA SERIES MORTISE LOCK W/SECTIONAL OR ESCUTCHEON TRIM		
11	1	THRESHOLD SILL W/BUMPER GASKET (SEE SHTS. 15 & 16)	ALUM. 6063 T5	48" MAX.
		1) ZERO 11A-T1)566A, 11B-T3)65A, 11C)568		
		2) NAT'L GUARD T2)950A, T4)803V	ALUM. 6063 T5	
12	NOTE 2, SHT1	JAMB ANCHOR	SEE SHTS. 6-14	
13	1	PSO74 WEATHER STRIPPING	TPE	MAX. 24'
14	1	FAS-SEAL DOOR SWEEP	TPE	MAX. 47.66"
15	2	END CHANNEL (16 GA-INVERTED)	.053" MIN. STL.	.62" X 1.66" X 47.66" MAX.
16	1	STRIKE JAMB (SEE SHTS. 17 & 19)	.053" MIN. STL.	MAX. 102" HEIGHT.
17	AS NEEDED	BUTYL RUBBER, SILICONE OR LATEX W/ SILICONE		
18	1	DOOR SLAB (16 OR 14 GA)	SEE SHTS. 17 & 19	48" X 96" MAX.
19	1	BY ZERO INT'L SEAL A)188S, B)117S, C)8145S, D)8150S, E)8042S	SILICONE	MAX. 24'
		BY NGP DOOR SEAL NO.5020		
20	1	BY ZERO INT'L DOOR SWEEP NO.539	TPE	MAX. 96"
		BY NGP DOOR SEAL NO.202N		
21	1	BY ZERO INT'L DOOR SWEEP A)139, B) 328, C)39	SEE SHTS. 15 & 16	MAX. 48"
		BY NGP DOOR SEAL NO.200N		
22	1	BY ZERO INT'L ADJUSTABLE STOP NO.475	TPE	MAX. 48"
		BY NGP ADJUSTABLE STOP NO.170N		
23	1	BY ZERO INT'L DOOR SEAL NO.188S	SILICONE	MAX. 24'
23A	1	BY ZERO INT'L RAIN DRIP 142	ALUMINUM	MAX. 100"
23B	1	BY ZERO INT'L RAIN DRIP 11	ALUMINUM	MAX. 48"
24	1	24A) TOP CAP GALV. A60	.020" MIN. STL.	48" MAX.
		24B) 18 GA DOOR FLUSH TOP CAP	.047" MIN. STL.	
25	1	STRIKE REINFORCEMENT STRIKE JAMB	.053" MIN. STL.	1.31" X 8.38." MIN.
26		IVES DOOR VIEWER U698/698		



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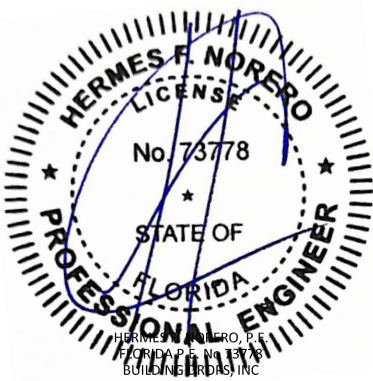
TITLE:OUTSWING SINGLE FLUSH WITH
FALCON MA SERIES MORTISE LOCK
(HVHZ)(IMPACT)
STEELCRAFT SINGLE OPENING OUTSWING
THREE AND FOUR SIDED FRAMES
CONFIGURATIONS & BOM

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HERMES F. NORERO, P.E.
FLORIDA PROFESSIONAL ENGINEER
1900 NE MIAMI COURT, STE. 2-15,
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FBPE CERT. OF AUTHORIZATION No. 29578

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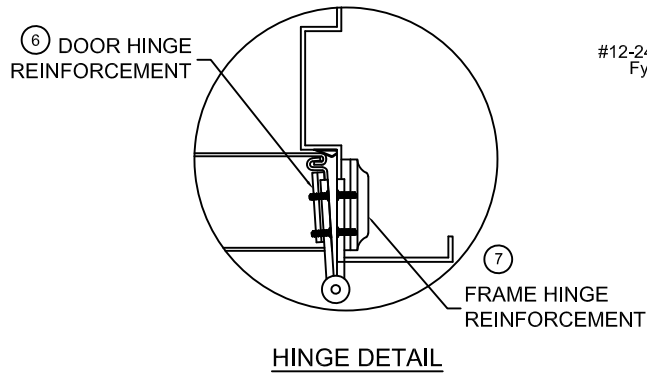
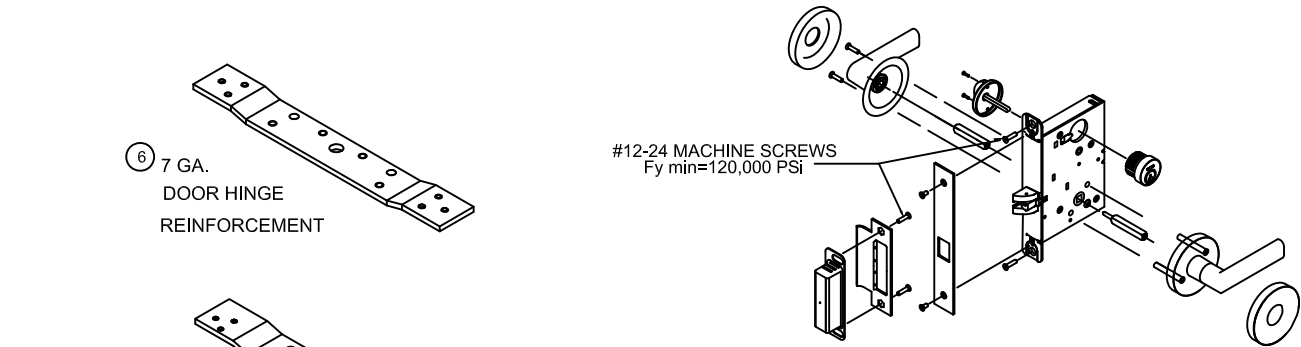
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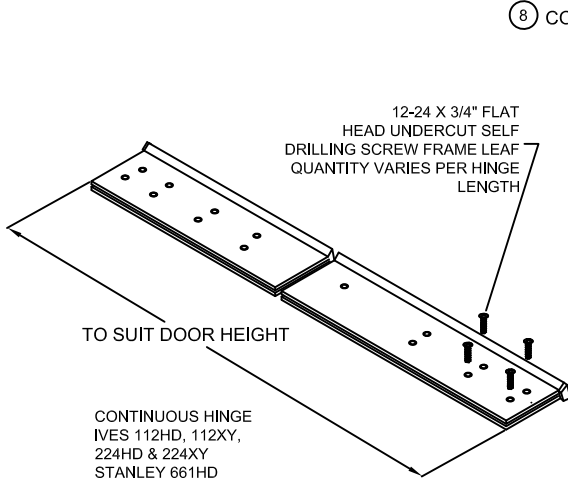
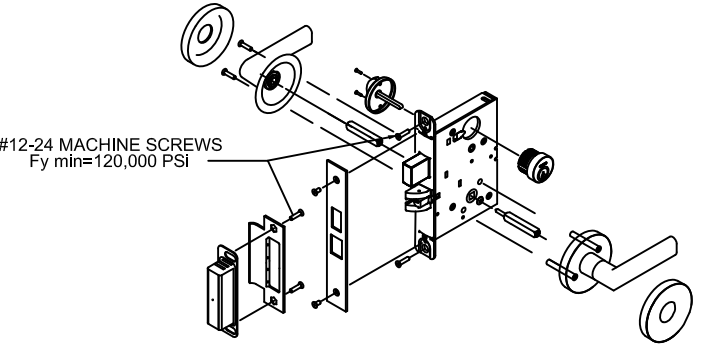
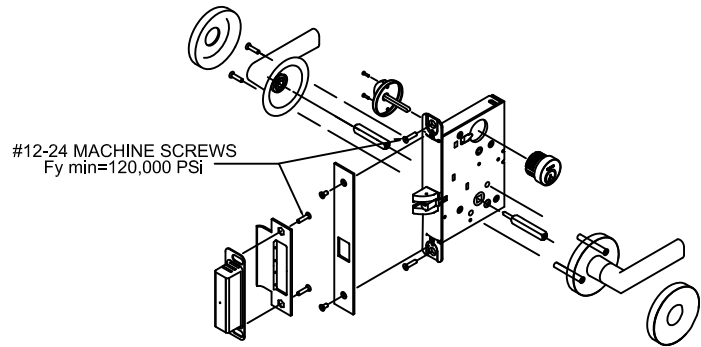
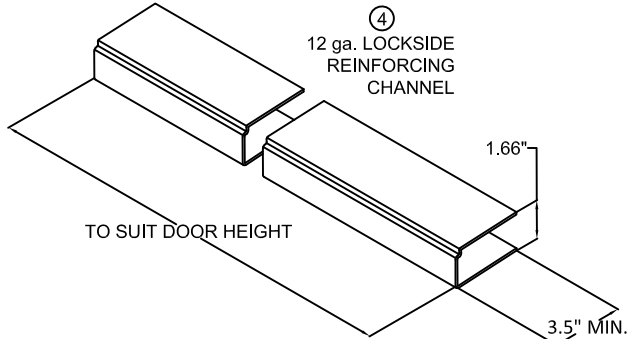
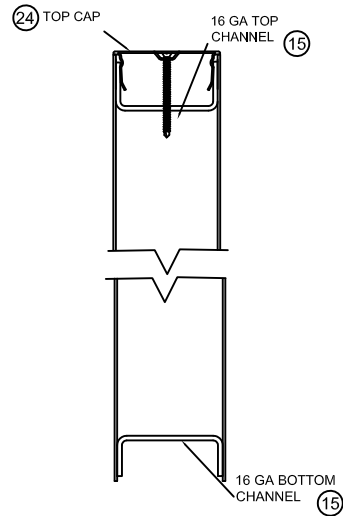
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SINGLE OPENING
SECTION A-A
OUT-SWING DOOR

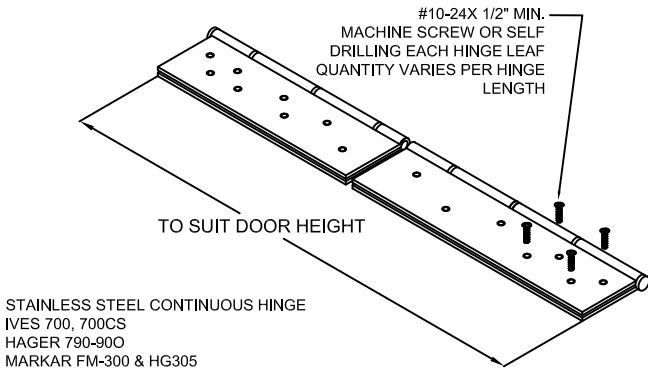
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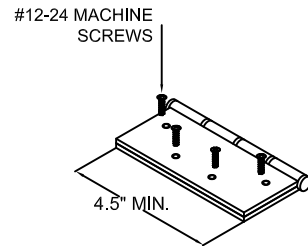
HINGE DETAIL



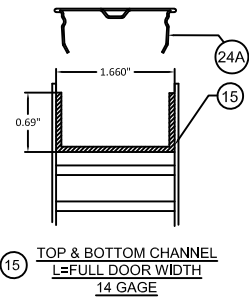
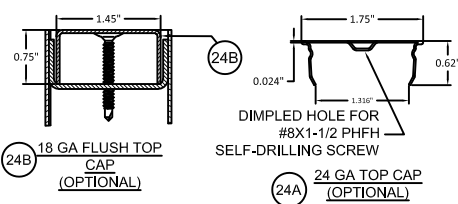
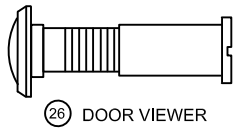
CONTINUOUS HINGE
IVES 112HD, 112XY,
224HD & 224XY
STANLEY 661HD
SELECT SL11HD
PEMCO FM_HD SERIES
HAGER 780-224HD
ABH A240HD
ALUMINUM 6036-T6 MIN
.110" MIN. THICKNESS



STAINLESS STEEL CONTINUOUS HINGE
IVES 700, 700CS
HAGER 790-900
MARKAR FM-300 & HG305
ABH A500
.075" MIN. (14GA.) THICKNESS
304 STAINLESS STEEL



STEEL, STAINLESS STEEL, OR BRASS
BUTT HINGE
MIN SIZE 4.5" X 4.5"
STD. WT. (.134" MIN.)
IVES 5BB1,5PB1,3PB1,3CB1,5CB1
HAGER 1279
STANLEY F179/1900



NOTES:
1. SEE SHTS. 2, 3, 17, 18 & 19 FOR ELEVATION, MATERIAL AND SIZE
2. SEE SHTS. 6-15 FOR ANCHORING INFORMATION
3. SEE SHTS. 17 & 19 FOR FRAME PROFILE
4. APPROVED HARDWARE INSTALLATION IS PER MANUFACTURER'S INSTRUCTIONS
5. HEAD SECTION CAN HAVE 4" FACE DIMENSION WHEN IT'S GROUTED WITH CONCRETE

HINGE NOTES:
1. QUANTITY OF SCREWS VARIES PER HINGE LENGTH, MANUFACTURER AND MODEL NUMBER.
2. SCREW SPACING VARIES PER HINGE LENGTH, MANUFACTURER AND MODEL NUMBER.
3. INSTALL HINGES PER THE MANUFACTURERS INSTALLATION INSTRUCTIONS.
4. BUTT AND CONTINUOUS HINGES MAY INCLUDE ELECTRICAL THROUGH-WIRE, POWER TRANSFER AND MONITORING.
5. DOORS AND FRAMES DO NOT REQUIRE ADDITIONAL REINFORCEMENT WITH A CONTINUOUS HINGE.



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TITLE: OUTSWING SINGLE FLUSH WITH
FALCON MA SERIES MORTISE LOCK
(HVHZ)(IMPACT)

LOCKING HARDWARE, REINFORCEMENTS
& HINGE DETAILS

PREPARED BY:

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CHK. BY: HN

SCALE: NTS

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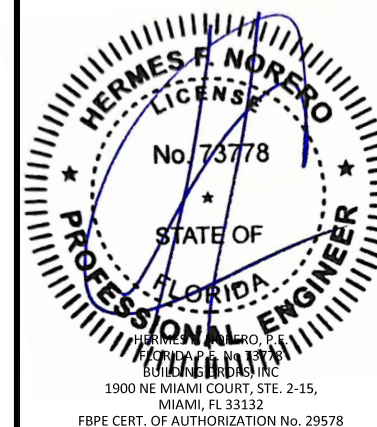
CORE OPTIONS

PREPARED BY:
BUILDING DROPS, INC.



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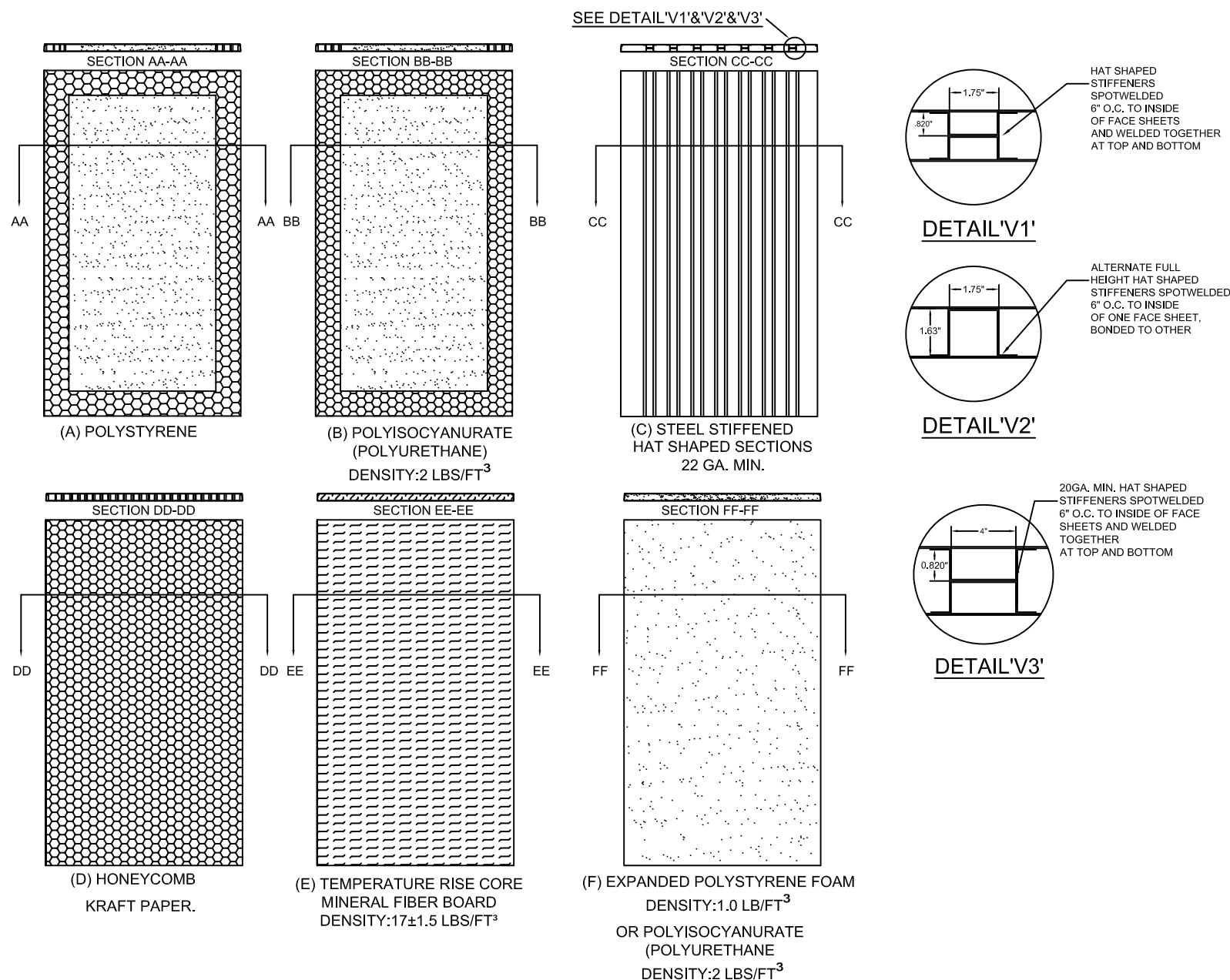
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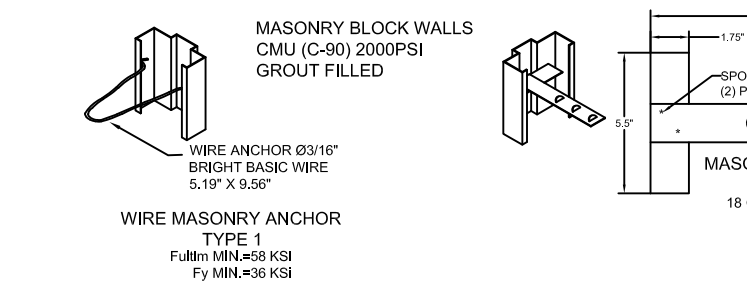
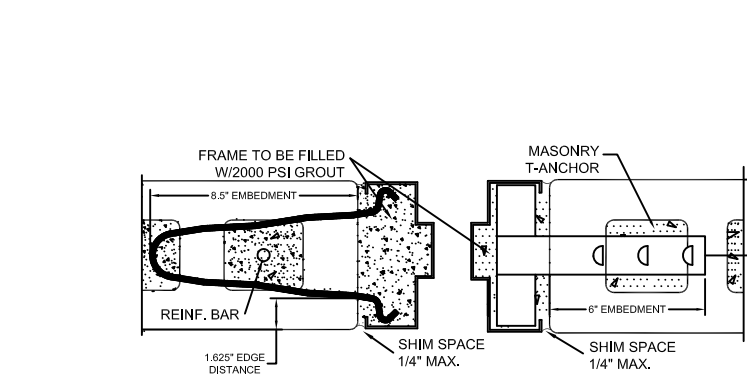
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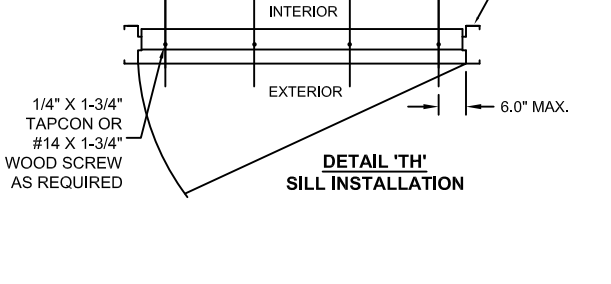
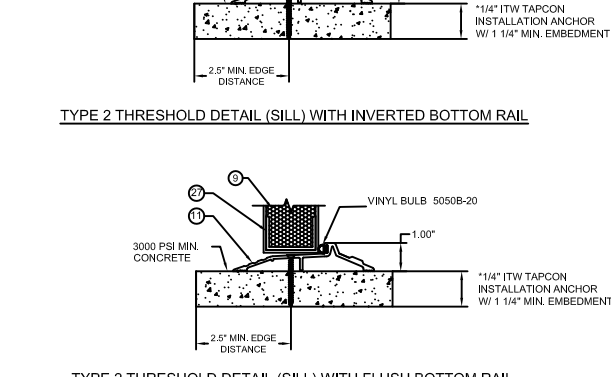
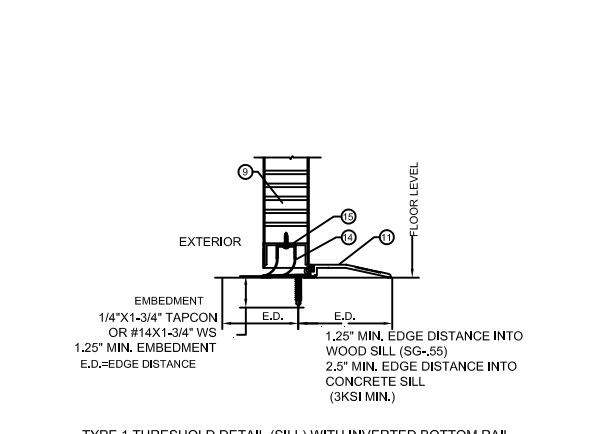
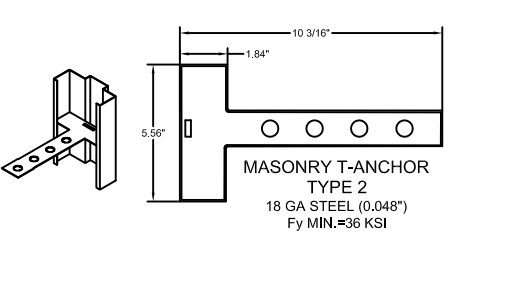
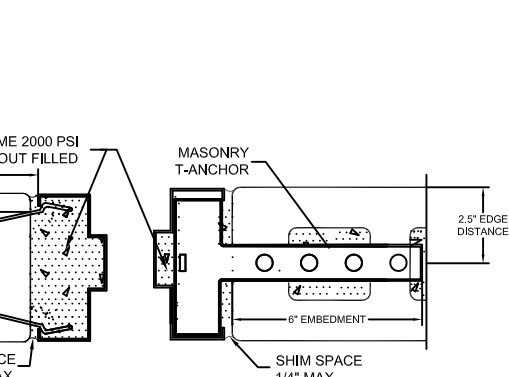
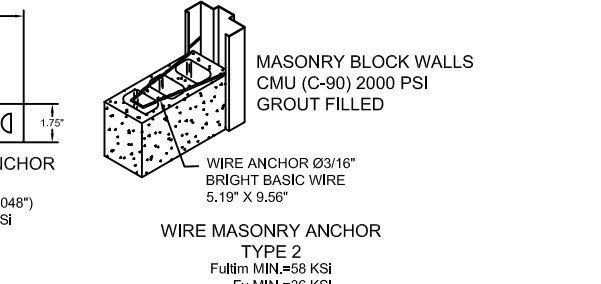
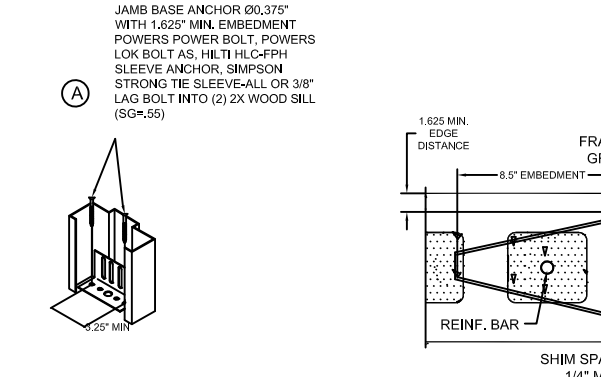
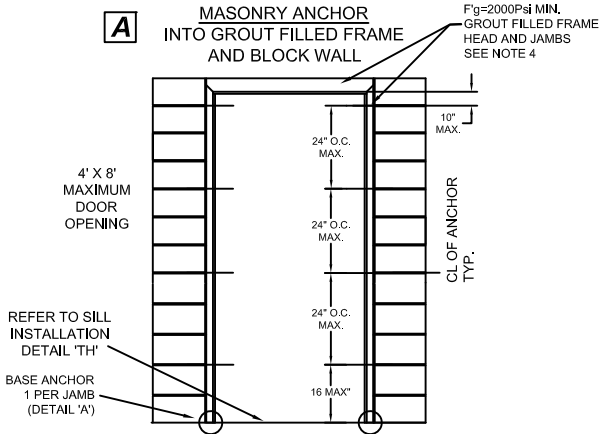
OF 19



NOTES:
1. CORE MATERIAL SHOWN WITHOUT DOOR CUTOUTS AND REINFORCEMENTS.



NOTES:
1. WOOD OR STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY THE APPROPRIATE LOAD TO MEET THE REQUIREMENTS OF THE BUILDING CODE. WOOD MIN. S.G. = 0.55. STEEL MIN. 18 GA. Fy=33KSI
2. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
3. APPLY CAULK AS NEEDED.
4. FRAMES WITH 4\"/>





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3-SIDED FRAME ANCHORS - WIRE MASONRY
JAMB ANCHOR INTO GROUT FILLED FRAME
AND GROUT FILLED BLOCK WALL

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



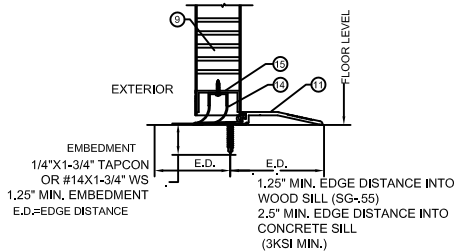
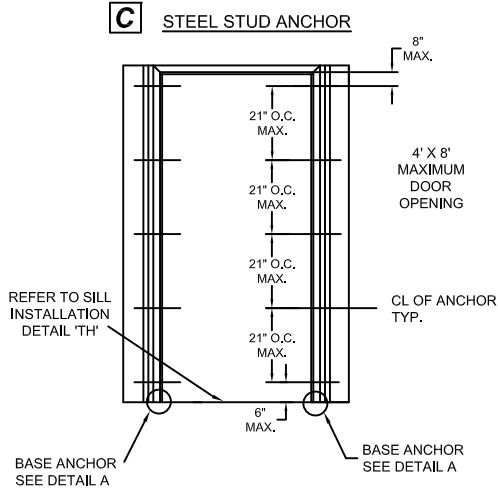
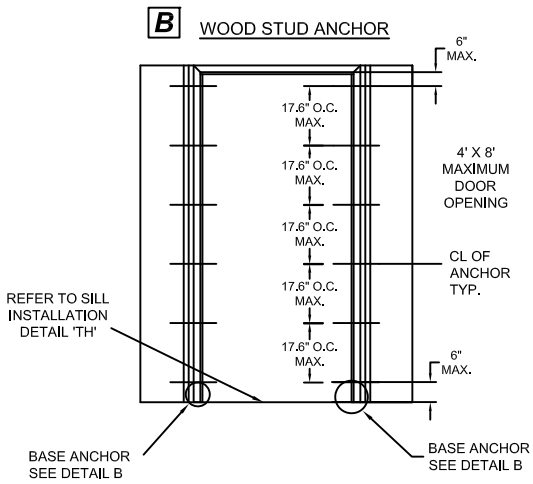
REMARKS	BY	DATE
A. MISC UPDATES	DI	01/26

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.

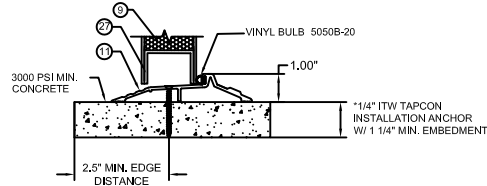


HERMES F. NORERO, P.E.
FLORIDA PROFESSIONAL ENGINEER
LICENSE No. 73778
STATE OF FLORIDA
1900 NE MIAMI COURT, STE. 2-15,
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

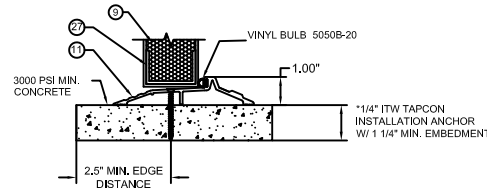
FL #:	FL16740
DATE:	09.20.2024
DWG. BY:	JA
CHK. BY:	HN
SCALE:	NTS
DWG. #:	FMA SF
SHEET:	6



TYPE 1 THRESHOLD DETAIL (SILL) WITH INVERTED BOTTOM RAIL

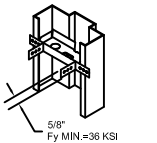
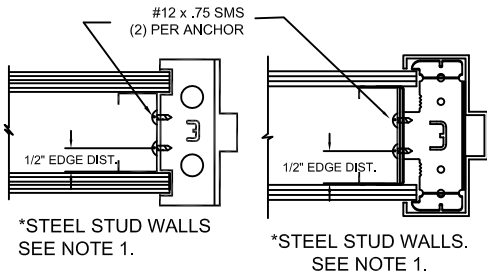
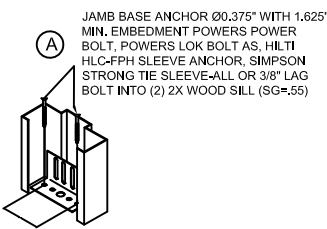
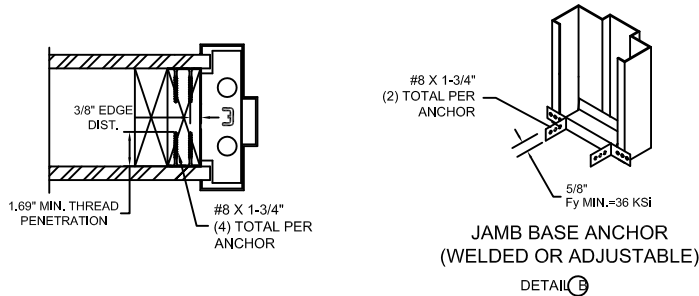
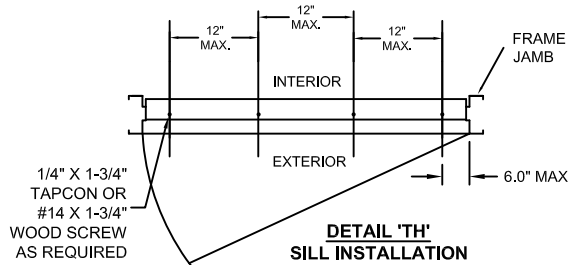


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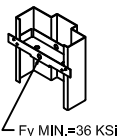


TYPE 2 THRESHOLD DETAIL (SILL) WITH FLUSH BOTTOM RAIL

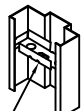
*NOTE: 803V THRESHOLD MAY BE INSTALLED WITH #12 WOOD SCREW TYPE INSTALLATION ANCHORS WHEN INTO 2X WOOD BUCK SUBSTRATES (MIN. SG= 0.55) WITH MINIMUM 1-1/2\"/>



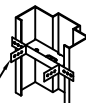
WOOD STUD OR
UNIVERSAL ANCHOR
TYPE 1
(LOCK-IN OR WELD-IN)



WOOD STUD OR
UNIVERSAL ANCHOR
TYPE 2
(LOCK-IN OR WELD-IN)



STEEL STUD ANCHOR
WELD-IN OR LOCK-IN



UNIVERSAL
ANCHOR
WELD-IN OR LOCK-IN

NOTES:
1. WOOD OR STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY THE APPROPRIATE LOAD TO MEET THE REQUIREMENTS OF THE BUILDING CODE.
2. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
3. APPLY CAULK AS NEEDED.
4. FRAMES WITH 4\"/>



ALLEGION-SCHLAGE LOCK COMPANY, LLC
11819 N. PENNSYLVANIA STREET
CARMEL, IN 46032
PH: (317) 715-4073

TITLE:OUTSWING SINGLE FLUSH WITH
FALCON MA SERIES MORTISE LOCK
(HVHZ)(IMPACT)

3-SIDED FRAME ANCHORS - WOOD STUD
JAMB ANCHOR & STEEL STUD JAMB ANCHOR

PREPARED BY:

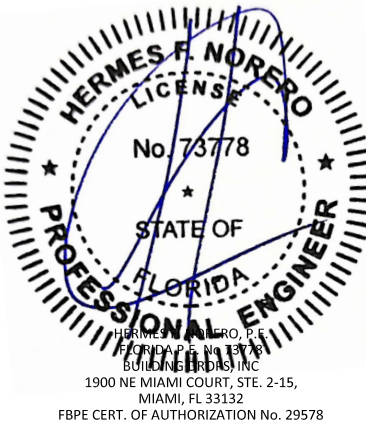
BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
A. MISC UPDATES	DI	01/26

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FL #:

FL16740

DATE: 09.20.2024

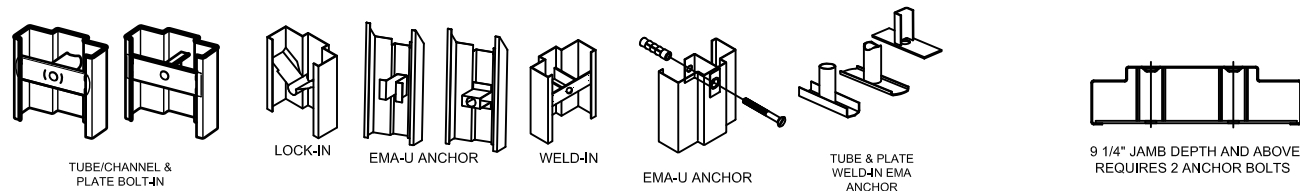
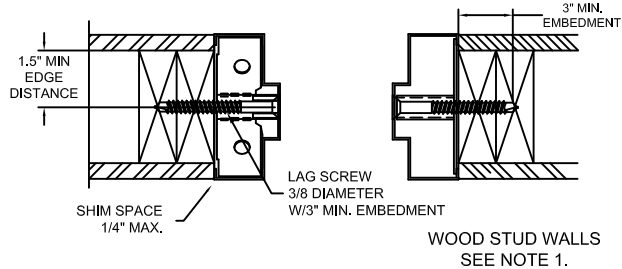
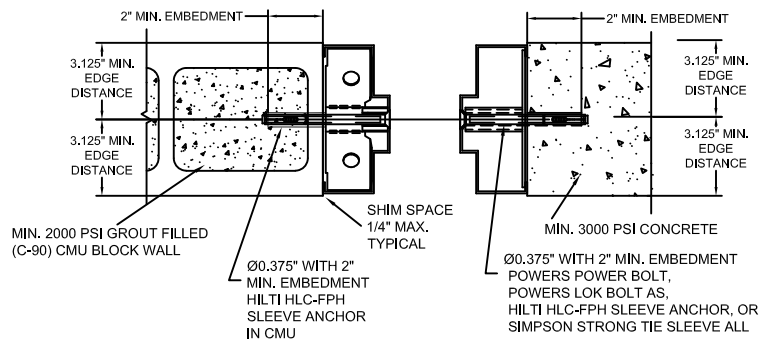
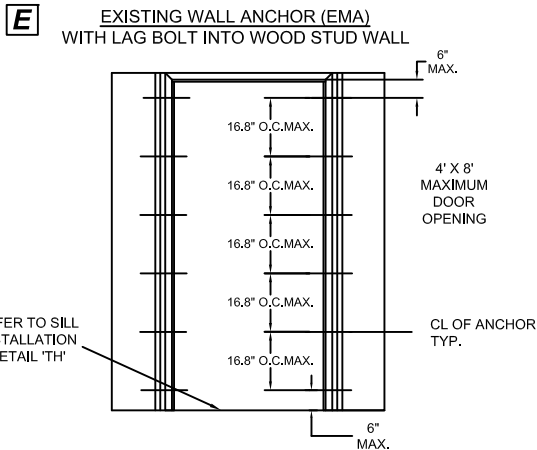
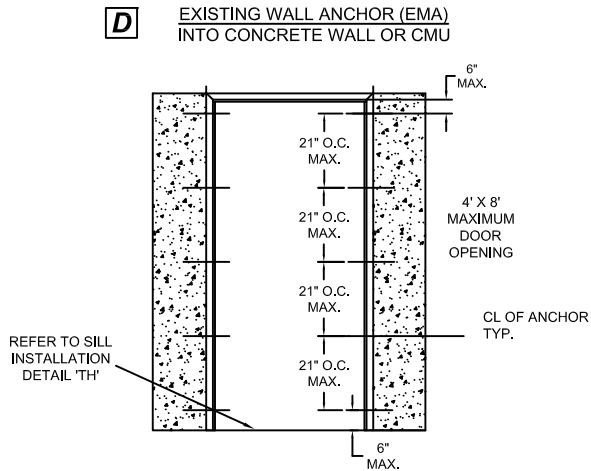
DWG. BY: JA	CHK. BY: HN
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SCALE: NTS

DWG. #: FMASF

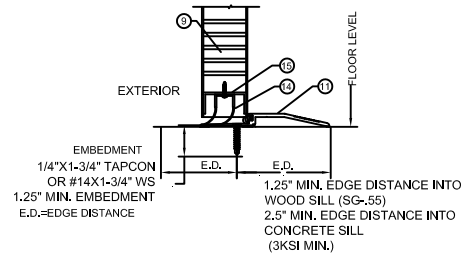
SHEET:

7

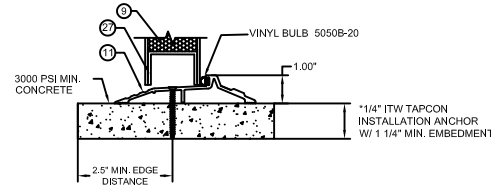


NOTE:
1. 3/8" LAG SCREWS TO BE MIN. SAE GRADE 2 OR EQUIVALENT.

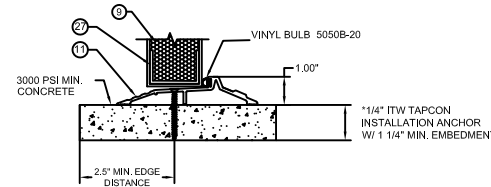
NOTES:
1. WOOD OR STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY THE APPROPRIATE LOAD TO MEET THE REQUIREMENTS OF THE BUILDING CODE. WOOD MIN. S.G. = 0.55. STEEL MIN. 18 GA. Fy=33KSI
2. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
3. APPLY CAULK AS NEEDED.
4. FRAMES WITH 4" FACE HEAD MUST HAVE HEAD GROUTED FULL. 4" FACE HEAD CAN BE USED WITH ALL WALL TYPES.



TYPE 1 THRESHOLD DETAIL (SILL) WITH INVERTED BOTTOM RAIL

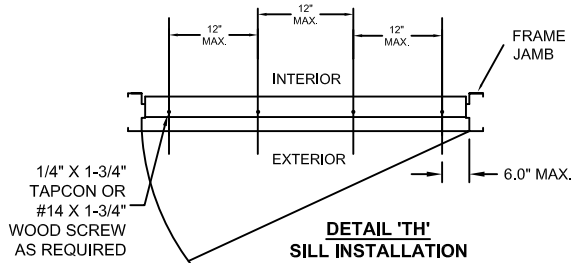


TYPE 2 THRESHOLD DETAIL (SILL) WITH INVERTED BOTTOM RAIL



TYPE 2 THRESHOLD DETAIL (SILL) WITH FLUSH BOTTOM RAIL

*NOTE: 903V THRESHOLD MAY BE INSTALLED WITH #12 WOOD SCREW TYPE INSTALLATION ANCHORS WHEN INTO 2X WOOD BUCK SUBSTRATES (MIN. SG=0.55) WITH MINIMUM 1-1/2" EMBEDMENT AND MINIMUM 3/4" EDGE DISTANCE.



ALLEGION-SCHLAGE LOCK COMPANY, LLC
11819 N. PENNSYLVANIA STREET
CARMEL, IN 46032
PH: (317) 715-4073

TITLE: OUTSWING SINGLE FLUSH WITH
FALCON MA SERIES MORTISE LOCK
(HVHZ)(IMPACT)

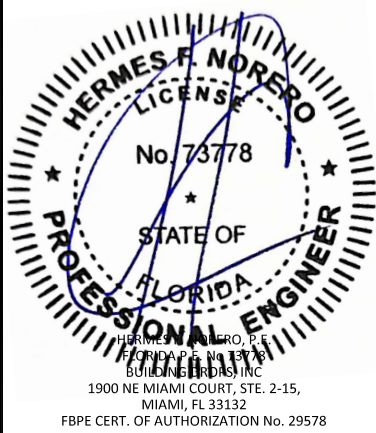
3-SIDED FRAME ANCHORS - EXISTING WALL JAMB
ANCHOR W/ LAG SCREW INTO WOOD STUD WALL &
INTO CONCRETE WALL OR CMU

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

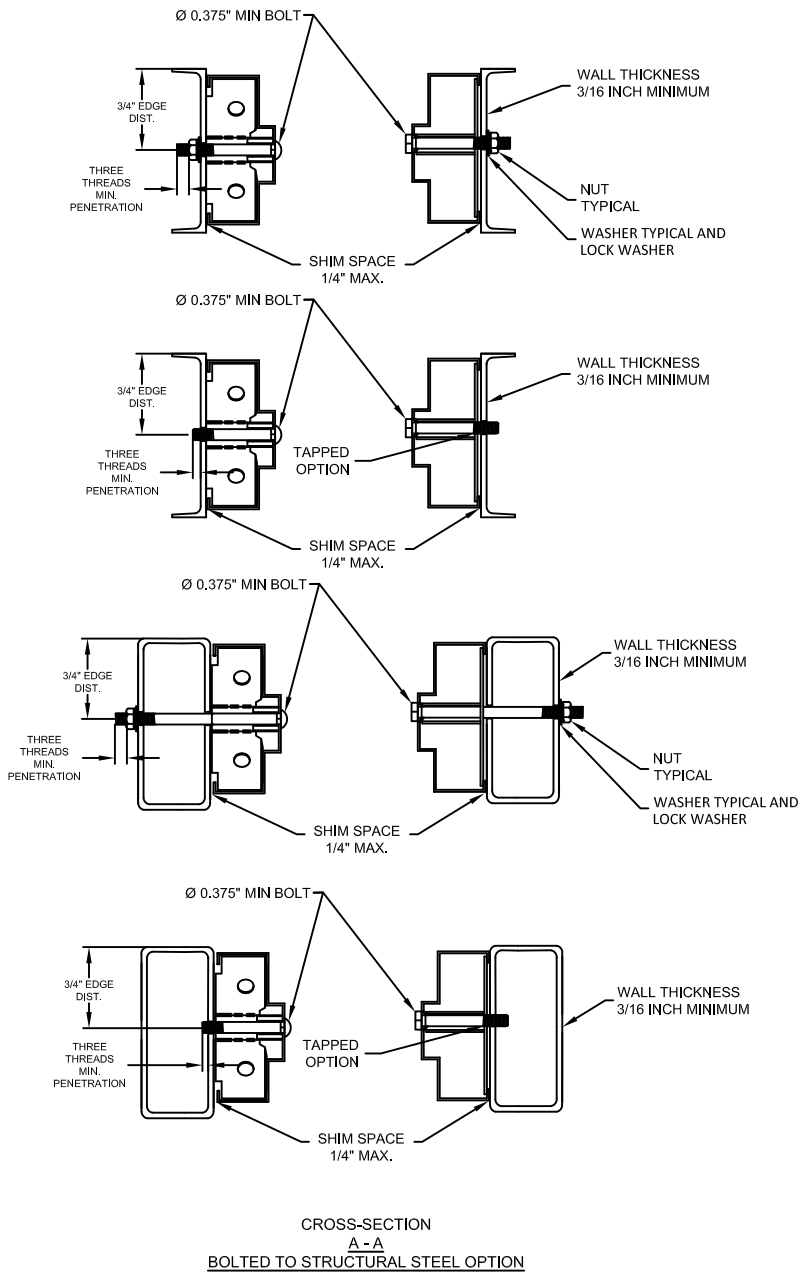


REMARKS	BY	DATE
A. MISC UPDATES	DI	01/26

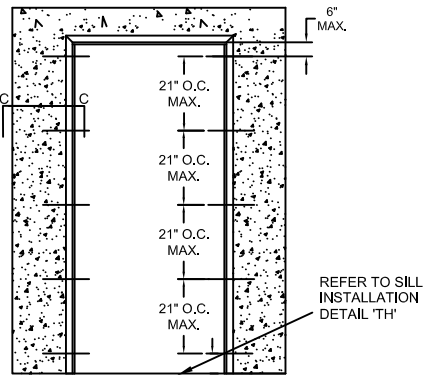
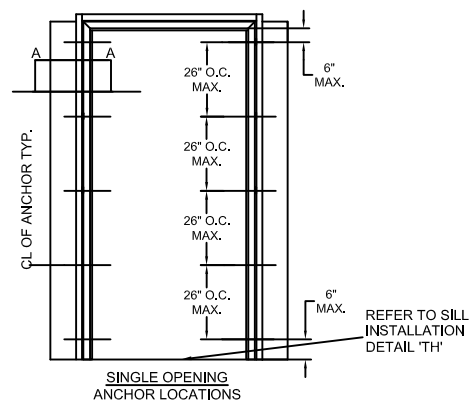
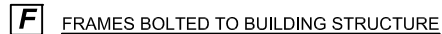
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



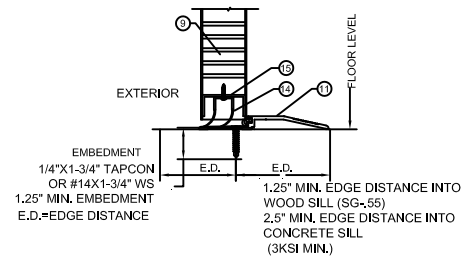
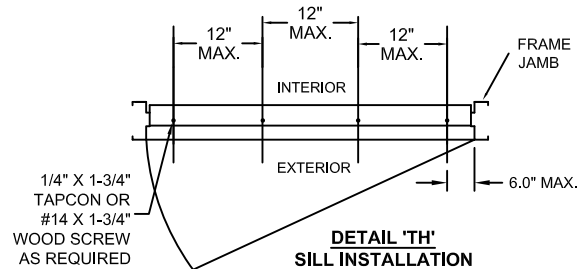
FL #:	FL16740
DATE:	09.20.2024
DWG. BY:	JA
CHK. BY:	HN
SCALE:	NTS
DWG. #:	FMA SF
SHEET:	8



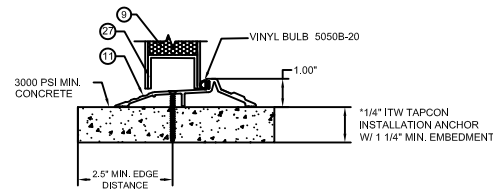
NOTE:
1. 3/8" BOLTS AND NUTS TO BE MIN. SAE GRADE 2 OR EQUIVALENT.



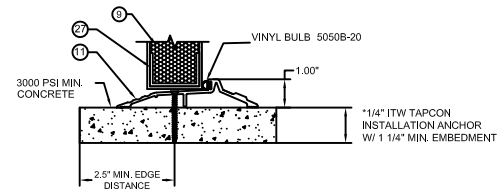
CROSS-SECTION C - C
POURED CONCRETE OPTION
4' X 8' MAXIMUM DOOR OPENING



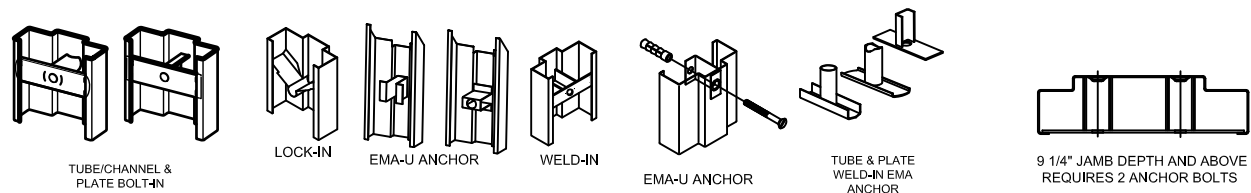
TYPE 1 THRESHOLD DETAIL (SILL) WITH INVERTED BOTTOM RAIL



TYPE 2 THRESHOLD DETAIL (SILL) WITH INVERTED BOTTOM RAIL



TYPE 2 THRESHOLD DETAIL (SILL) WITH FLUSH BOTTOM RAIL
 *NOTE: 803V THRESHOLD MAY BE INSTALLED WITH #12 WOOD SCREW TYPE
 INSTALLATION ANCHORS WHEN INTO 2X WOOD BUCK SUBSTRATES (MIN. SG= 0.55) WITH
 MINIMUM 1-1/2" EMBEDMENT AND MINIMUM 3/4" EDGE DISTANCE.



ALLEGION-SCHLAGE LOCK COMPANY, LLC
11819 N. PENNSYLVANIA STREET
CARMEL, IN 46032
PH: (317) 715-4073

TITLE:OUTSWING SINGLE FLUSH WITH
FALCON MA SERIES MORTISE LOCK
(HVBHZ)(IMPACT)

3-SIDED FRAME ANCHORS - FRAMES BOLTED TO BUILDING STRUCTURE & POURED CONCRETE TILT WALL CONSTRUCTION

PREPARED BY:

BUILDING DROPS, INC.

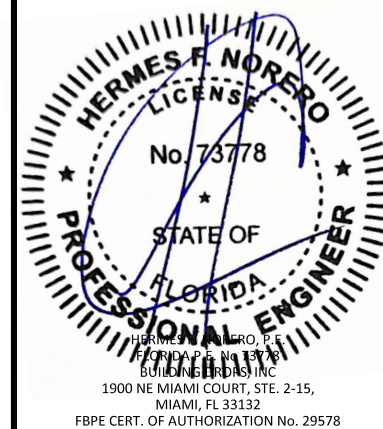
900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132

PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
A. MISC UPDATES	DI	01/26

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FL #:

FL16740

DATE: 09.20.2024

DWG. BY:
JA

CHK. BY:
HN

SCALE: NTS

DWG. #: FMASF

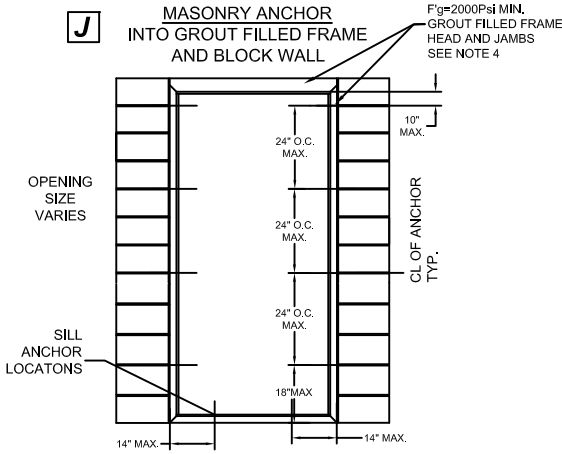
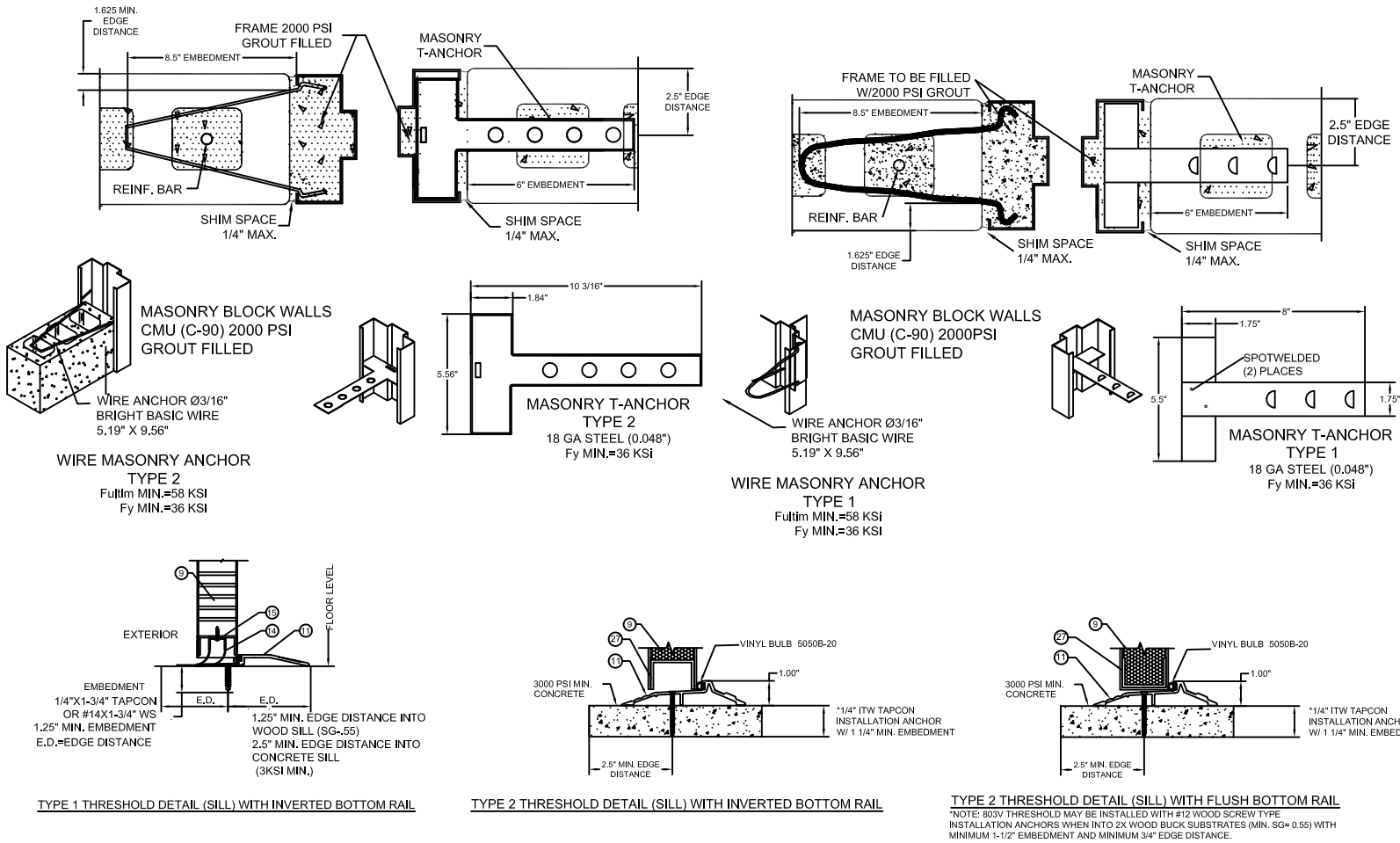
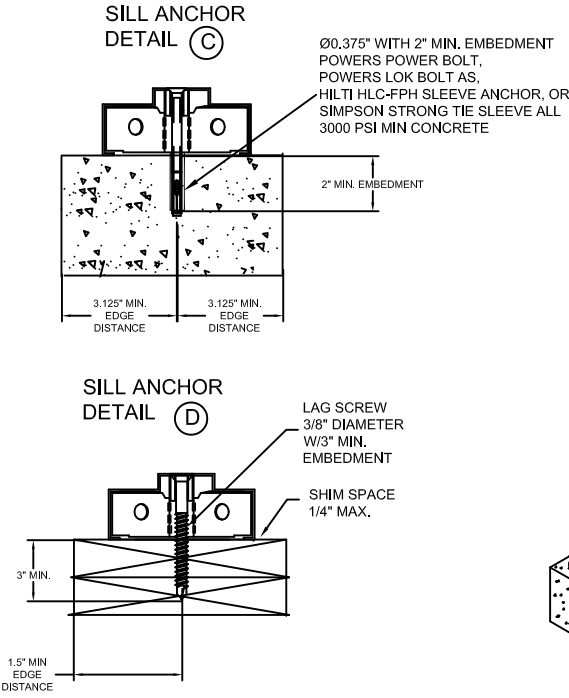
SHEET:

9

OF 19

NOTE:
1. 3/8" LAG SCREWS TO BE MIN. SAE GRADE 2 OR EQUIVALENT.

NOTES:
1. WOOD OR STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY THE APPROPRIATE LOAD TO MEET THE REQUIREMENTS OF THE BUILDING CODE. WOOD MIN. S.G. = 0.55. STEEL MIN. 18 GA. Fy=33KSI
2. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
3. APPLY CAULK AS NEEDED.
4. FRAMES WITH 4" FACE HEAD MUST HAVE HEAD GROUTED FULL. 4" FACE HEAD CAN BE USED WITH ALL WALL TYPES.





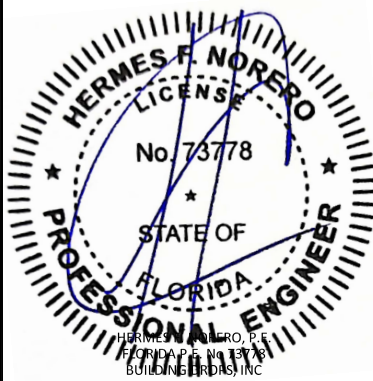
ALLEGION-SCHLAGE LOCK COMPANY, LLC
11819 N. PENNSYLVANIA STREET
CARMEL, IN 46032
PH: (317) 715-4073

TITLE: OUTSWING SINGLE FLUSH WITH FALCON MA SERIES MORTISE LOCK (HVHZ)(IMPACT)
4-SIDED FRAME ANCHORS - WIRE MASONRY JAMB ANCHOR INTO GROUT FILLED FRAME AND GROUT FILLED BLOCK WALL

PREPARED BY:
**BUILDING DROPS, INC.**
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
A. MISC UPDATES	DI	01/26

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FLORIDA PROFESSIONAL ENGINEER
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15,
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL16740

DATE: **09.20.2024**

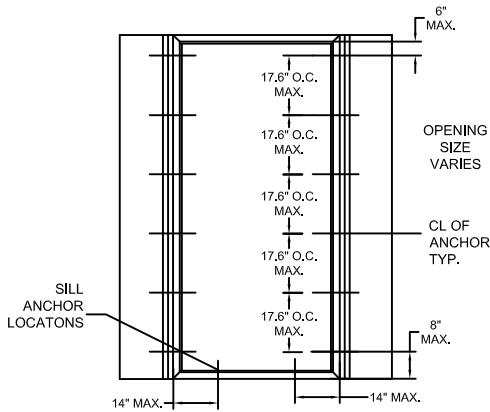
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SCALE: **NTS**

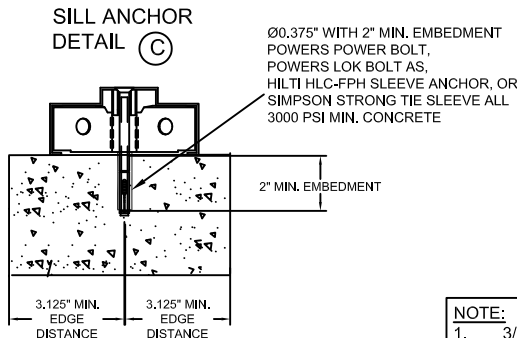
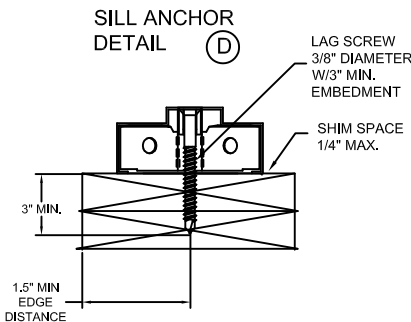
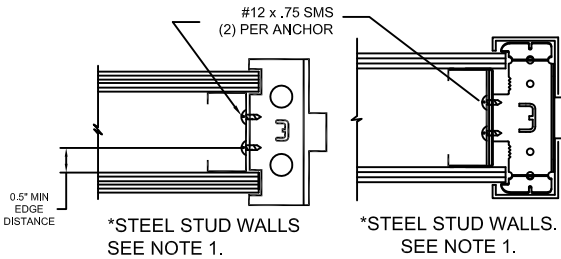
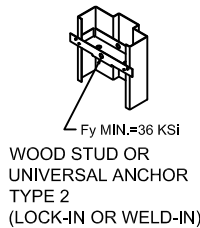
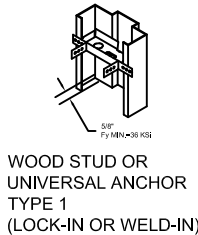
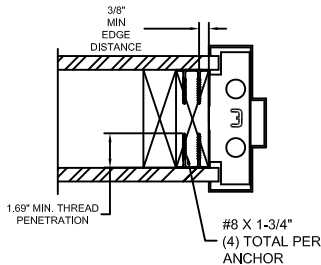
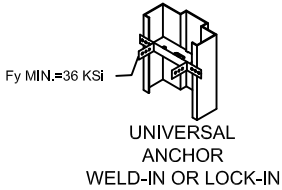
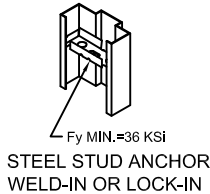
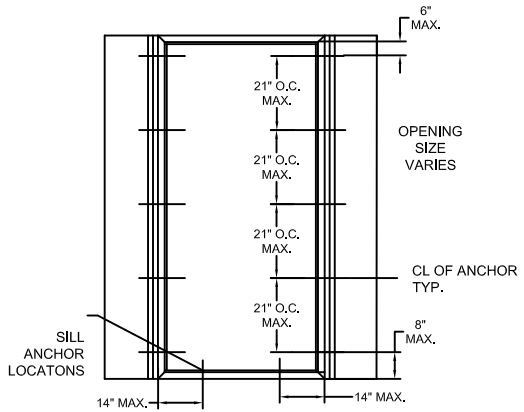
DWG. #: **FMASF**

SHEET:
10
OF 19

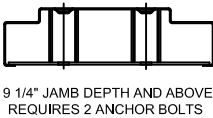
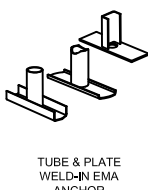
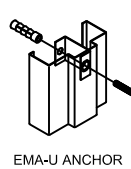
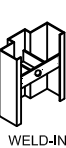
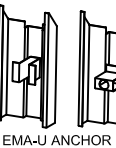
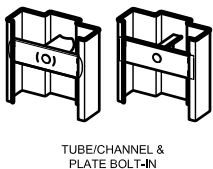
K WOOD STUD ANCHOR



L STEEL STUD ANCHOR



NOTE:
1. 3/8" LAG SCREWS TO BE MIN. SAE GRADE 2 OR EQUIVALENT.



NOTES:
1. WOOD OR STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY THE APPROPRIATE LOAD TO MEET THE REQUIREMENTS OF THE BUILDING CODE. WOOD MIN. S.G. = 0.55. STEEL MIN. 18 GA. Fy=33KSI
2. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
3. APPLY CAULK AS NEEDED.
4. FRAMES WITH 4" FACE HEAD MUST HAVE HEAD GROUTED FULL. 4" FACE HEAD CAN BE USED WITH ALL WALL TYPES.



ALLEGION-SCHLAGE LOCK COMPANY, LLC
11819 N. PENNSYLVANIA STREET
CARMEL, IN 46032
PH: (317) 715-4073

TITLE: OUTSWING SINGLE FLUSH WITH
FALCON MA SERIES MORTISE LOCK
(HVHZ)(IMPACT)

4-SIDED FRAME ANCHORS - WOOD STUD
JAMB ANCHOR & STEEL STUD JAMB ANCHOR

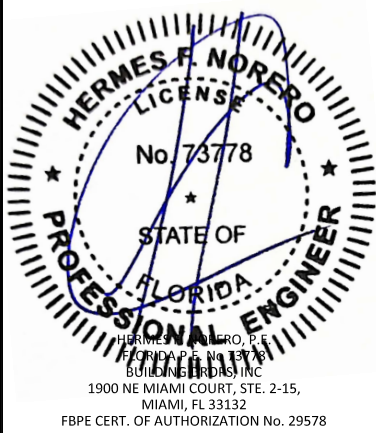
PREPARED BY:

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MIAMI, FL 33132
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FAX: (954) 744-4738
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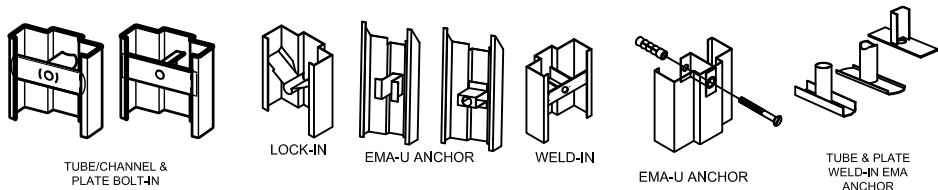
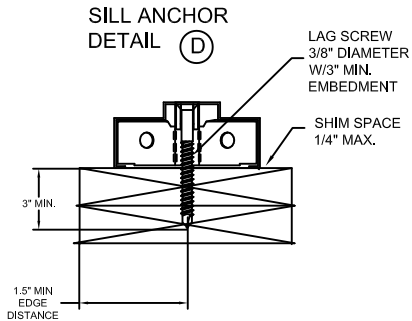
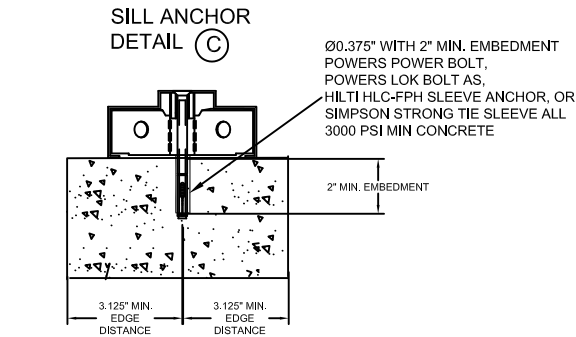
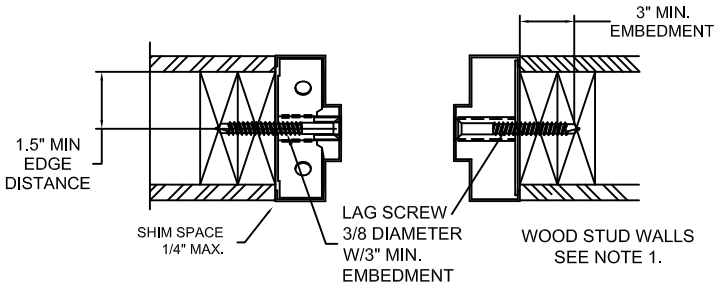
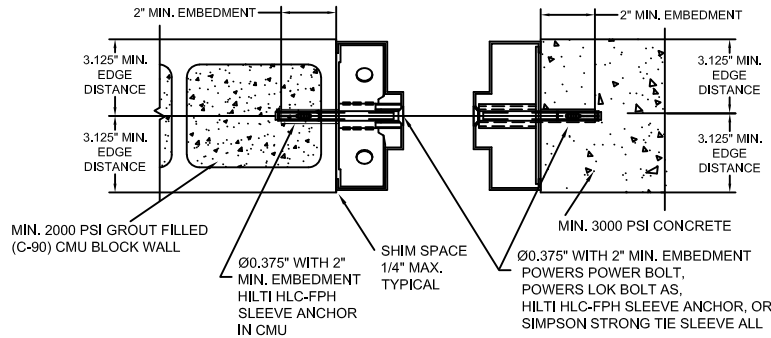
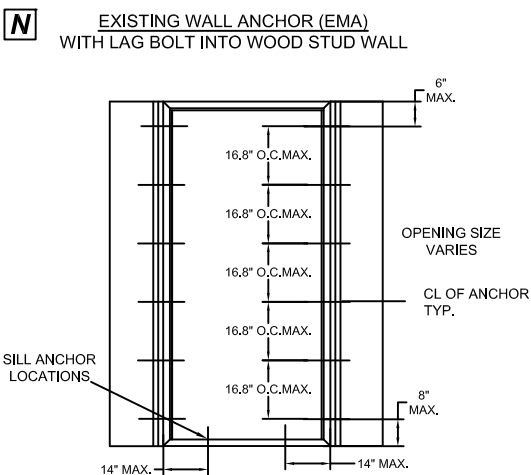
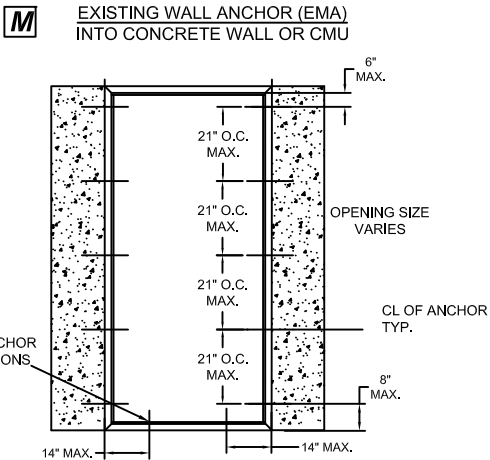


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A. MISC UPDATES	DI	01/26

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SCALE:	NTS
DWG. #:	FMASF
SHEET:	11
OF	19



NOTE:
1. 3/8" LAG SCREWS TO BE MIN. SAE GRADE 2 OR EQUIVALENT.

- NOTES:**
- WOOD OR STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY THE APPROPRIATE LOAD TO MEET THE REQUIREMENTS OF THE BUILDING CODE. WOOD MIN. S.G. = 0.55. STEEL MIN. 18 GA. Fy=33KSI
 - NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
 - APPLY CAULK AS NEEDED.
 - FRAMES WITH FRAME HEAD GROUTED FULL DO NOT REQUIRE ANCHORS TO BE INSTALLED IN THE HEAD
 - FRAMES WITH 4" FACE HEAD MUST HAVE HEAD GROUTED FULL. 4" FACE HEAD MAY BE USED WITH ALL WALL TYPES
 - HEAD ANCHORS TO SUIT SUBSTRATE, TYPE MAY VARY FROM JAMB ANCHOR



ALLEGION-SCHLAGE LOCK COMPANY, LLC
11819 N. PENNSYLVANIA STREET
CARMEL, IN 46032
PH: (317) 715-4073

TITLE: OUTSWING SINGLE FLUSH WITH
FALCON MA SERIES MORTISE LOCK
(HVHZ)(IMPACT)

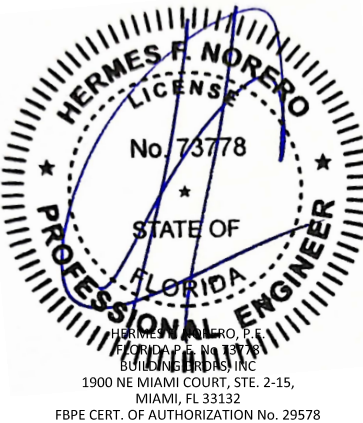
4-SIDED FRAME ANCHORS - EXISTING WALL JAMB
ANCHOR W/ LAG SCREW INTO WOOD STUD WALL &
INTO CONCRETE WALL OR CMU

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MIAMI, FL 33132
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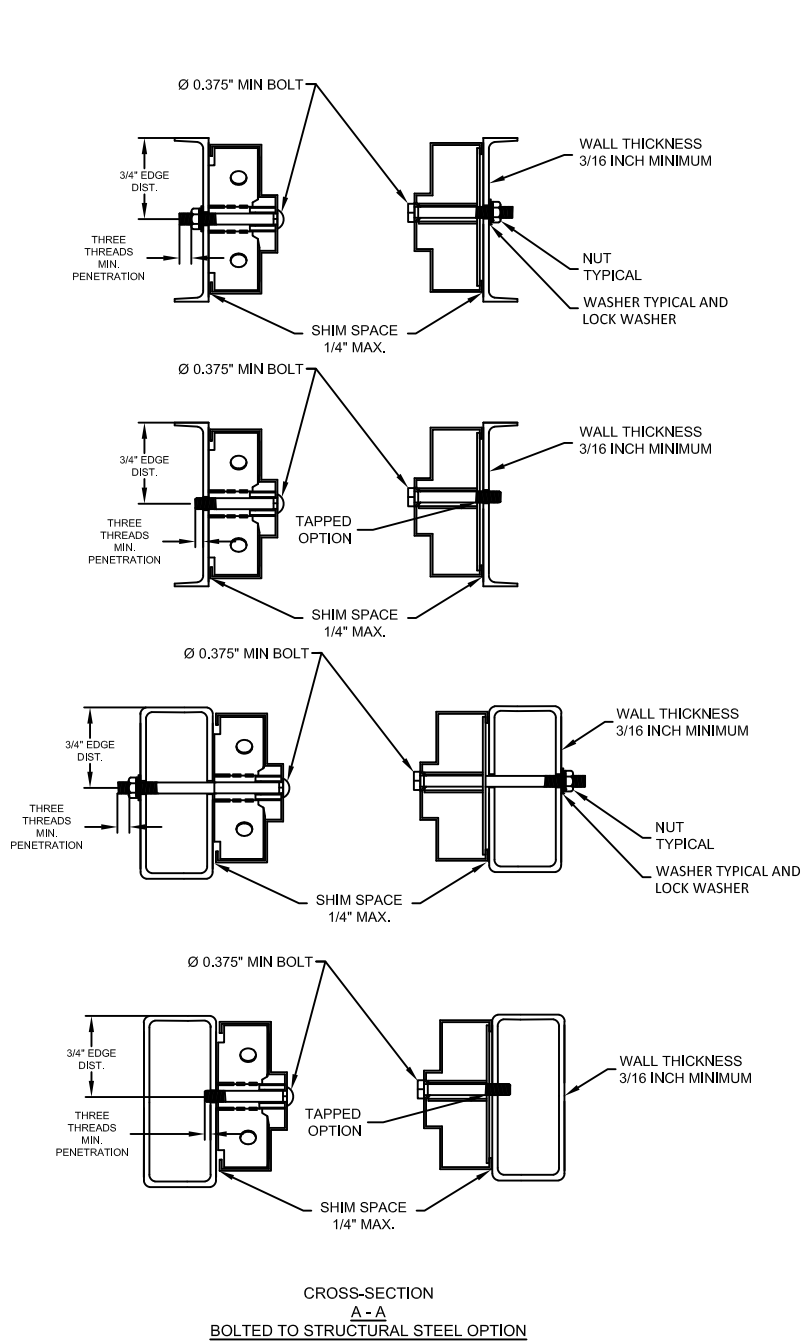
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SCALE: **NTS**

DWG. #: **FMA SF**

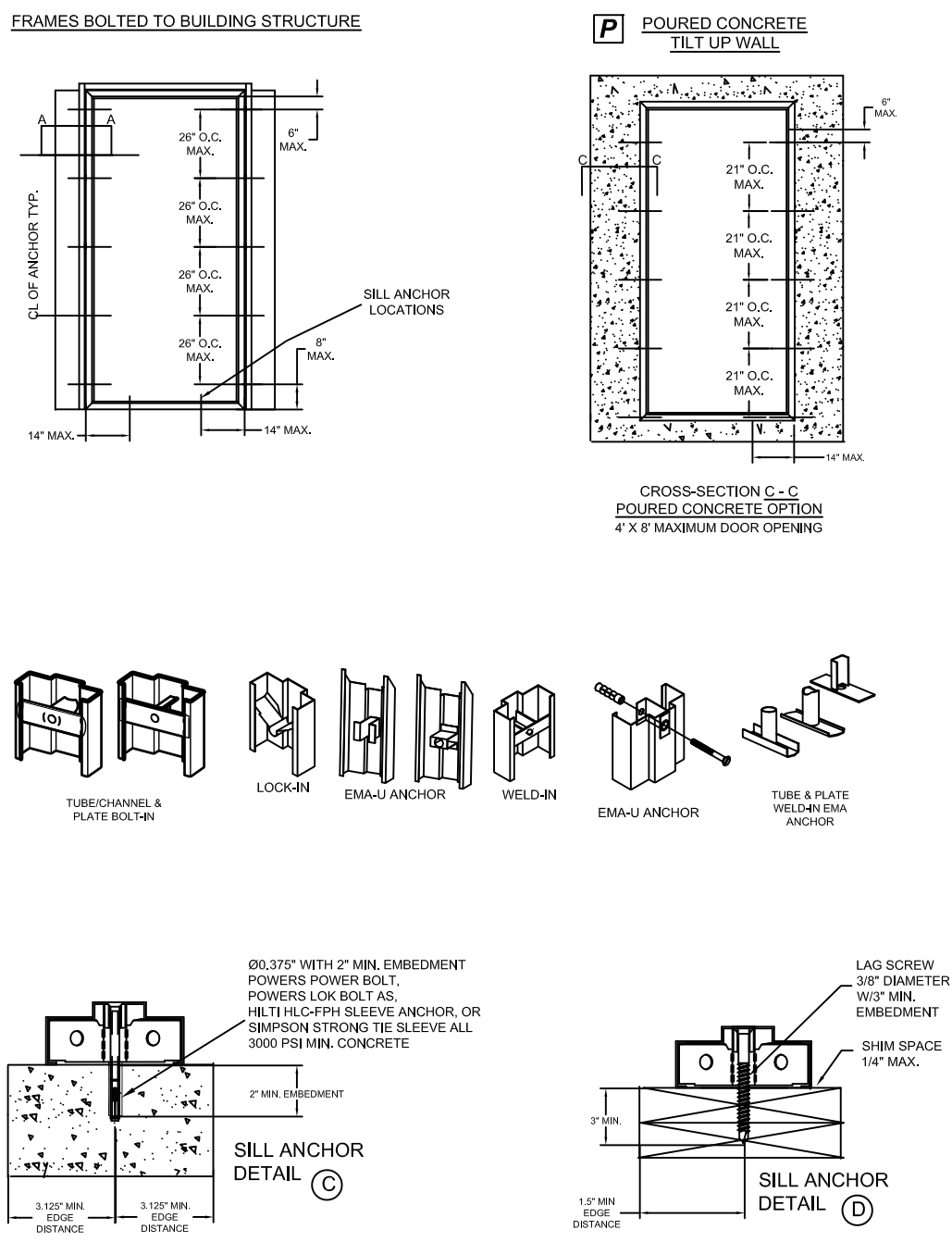
SHEET:

12



NOTE:
1. 3/8" BOLTS AND NUTS TO BE MIN. SAE GRADE 2 OR EQUIVALENT.

NOTES:
1. STRUCTURAL MEMBERS MUST BE DESIGNED TO CARRY THE APPROPRIATE LOAD TO MEET THE REQUIREMENTS OF THE BUILDING CODE. WOOD MIN. S.G. = 0.55, STEEL MIN. 18 GA, Fy=33KSI
2. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
3. BOTH JAMBS MUST HAVE EQUAL NUMBER OF ANCHORS.
4. HEAD ANCHORS TO SUIT SUBSTRATE, TYPE MAY VARY FROM JAMB ANCHOR
5. APPLY CAULK AS NEEDED.
6. FRAMES WITH 4" FACE HEAD MUST HAVE HEAD GROUTED FULL. 4" FACE HEAD MAY BE USED WITH ALL WALL TYPES.



NOTE:
1. 3/8" LAG SCREWS TO BE MIN. SAE GRADE 2 OR EQUIVALENT.


ALLEGION-SCHLAGE LOCK COMPANY, LLC
11819 N. PENNSYLVANIA STREET
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PH: (317) 715-4073

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FALCON MA SERIES MORTISE LOCK
(HVHZ)(IMPACT)

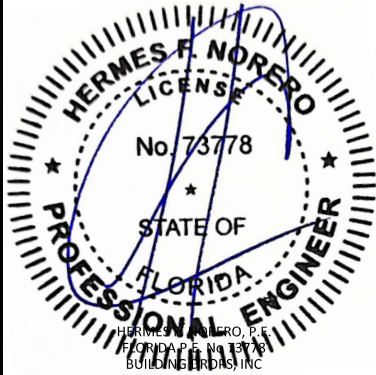
4-SIDED FRAME ANCHORS - FRAMES BOLTED TO
BUILDING STRUCTURE & POURED CONCRETE TILT
WALL CONSTRUCTION

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FL #:
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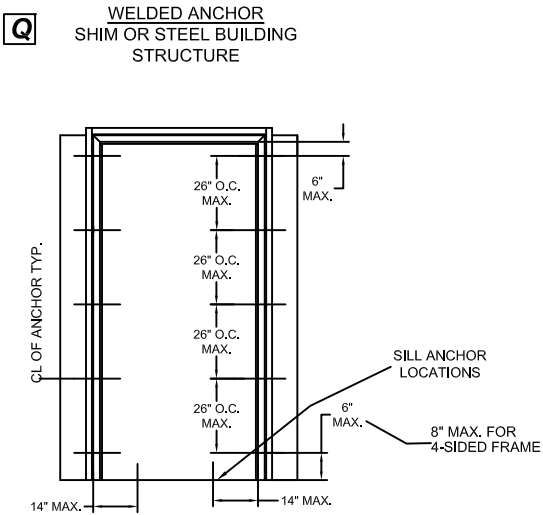
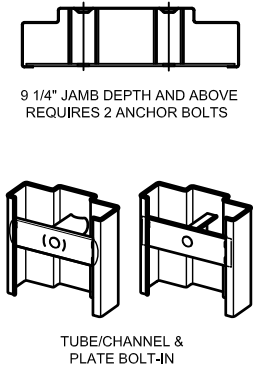
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SCALE: **NTS**

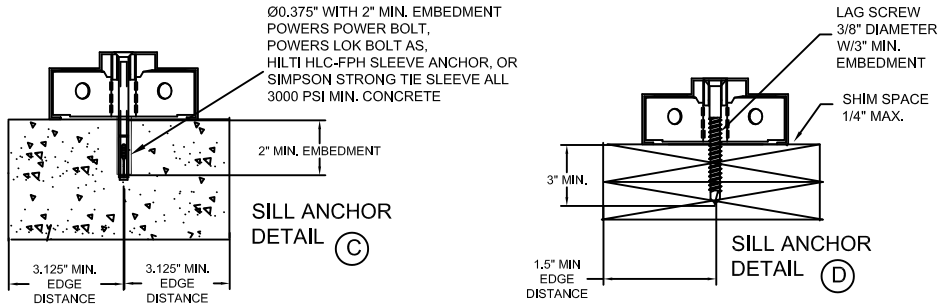
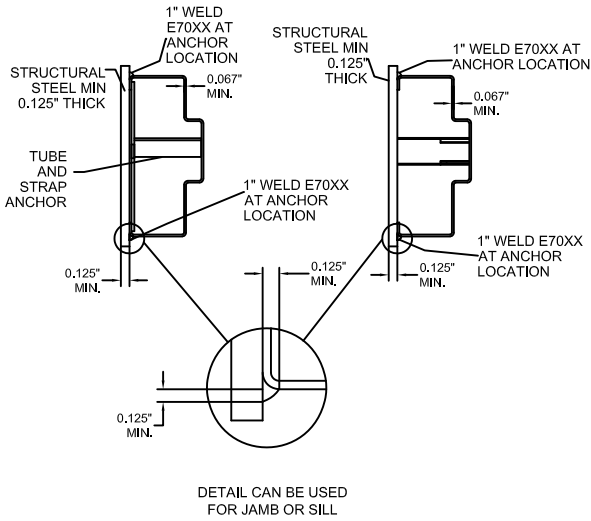
DWG. #: **FMA SF**

SHEET:
13
OF 19

NOTES:
1. STRUCTURAL MEMBERS MUST BE DESIGNED TO CARRY APPROPRIATE LOAD, WHICH SHOULD BE VERIFIED BY THE APPROPRIATE OFFICIAL.
2. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
3. BOTH JAMBS MUST HAVE EQUAL NUMBER OF ANCHORS.
4. APPLY CAULK AS NEEDED.
5. FRAMES WITH 4" FACE HEAD MUST HAVE HEAD GROUTED FULL. 4" FACE HEAD MAY BE USED WITH ALL JAMB ANCHOR OPTIONS.



NOTE:
- 3-SIDED FRAME SHOWN. 4-SIDED FRAME REQUIRES SILL ANCHORS AS SHOWN ON THE ELEVATION.
- 4-SIDED FRAME MAY ALSO BE WELDED TO STEEL STRUCTURE AT THE SILL



NOTE:
1. 3/8" LAG SCREWS TO BE MIN. SAE GRADE 2 OR EQUIVALENT.



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3-SIDED & 4-SIDED FRAME ANCHORS -
FRAMES WELDED TO STEEL STRUCTURE
BUILDING

PREPARED BY:

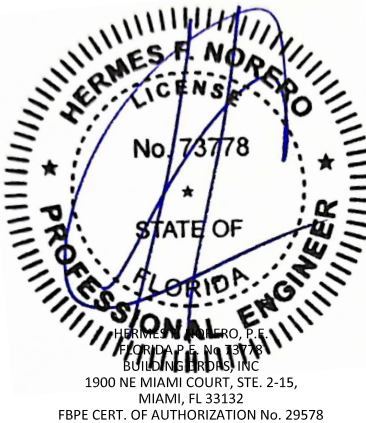
BUILDING DROPS, INC.

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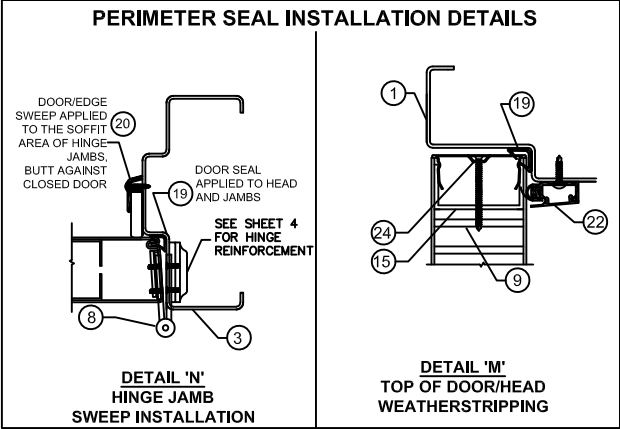
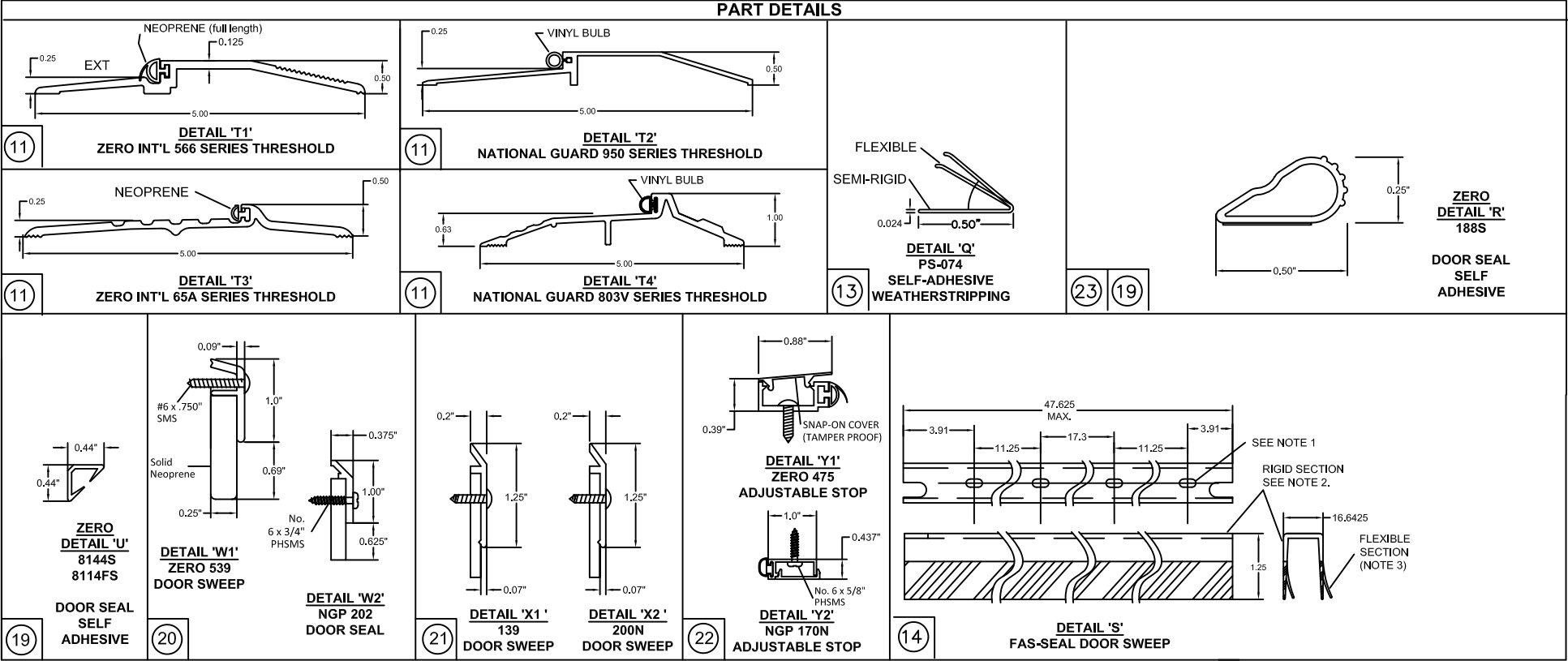
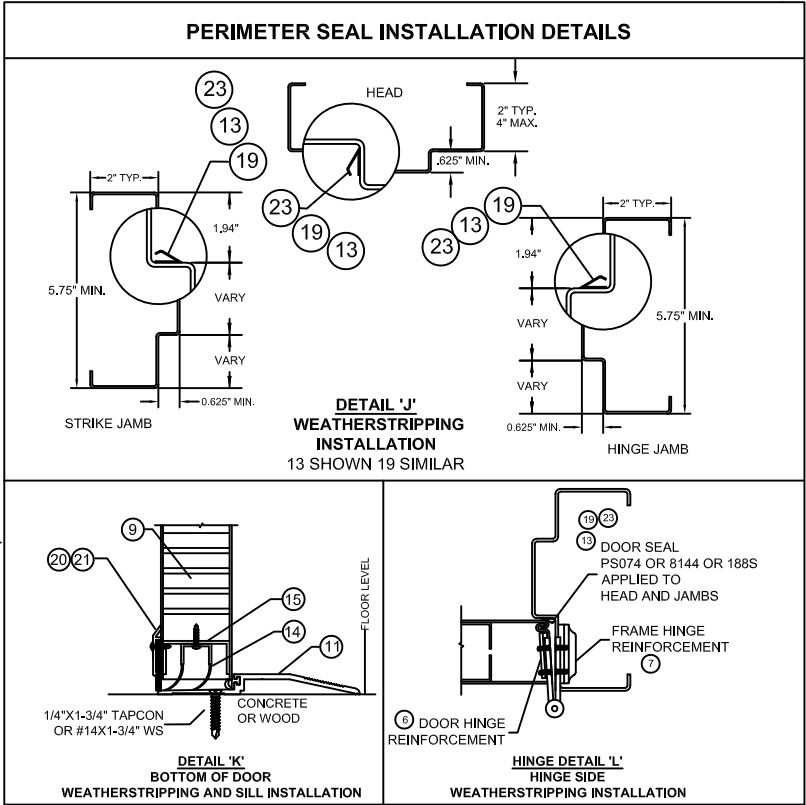
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TABLE 2. MINIMUM PERIMETER SEAL OPTIONS				
ITEM NUMBER SHT 2. TABLE 1	DESCRIPTION	MODEL No./ MANUFACTURER	PART DETAIL	INSTALLATION DETAIL
11	THRESHOLD	566/ZERO INT'L	'T1'	'K'
		950/NGP	'T2'	
		65A ZERO INT'L	'T3'	
		803V NGP	'T4'	
14	FAS-SEAL SWEEP	REPUBLIC	'S'	'K'
19, 13 OR 23	SELF ADHESIVE DOOR SEAL	8144S, 8144FS/ZERO INT'L	'U'	'J', 'L', 'M' & 'N'
		PS074/REPUBLIC	'Q'	
		188S / ZERO INT'L	'R'	

TABLE 3. OPTIONAL PERIMETER SEALS				
ITEM NUMBER SHT. 2 TABLE 1	DESCRIPTION	MODEL No. MANUFACTURER	PART DETAIL	INSTALLATION DETAIL
20 OR 21	DOOR SWEEP	539/ZERO INT'L	'W1'	'K'
		202N/NGP	'W2'	
		139/ZERO INT'L	'X1'	
		200N/NGP	'X2'	
20	DOOR SWEEP APPLIED TO JAMBS	539/ZERO INT'L	'W1'	'N'
		202N/NGP	'W2'	
22	ADJUSTABLE STOP	475/ZERO INT'L	'Y1'	'M'
		170N/NGP	'Y2'	



- NOTES:
- SLOT LOCATIONS MAY VARY WITH DIFFERENT DOOR WIDTH.
 - DOOR SWEEP RIGID SECTION IS MADE OF PRO-FAX #PD-199 POLYPROPYLENE HOMOPOLYMER.
 - DOOR SWEEP FLEXIBLE SECTION IS MADE OF SANTOPRENE #101-73
 - STEELCRAFT INSTALLATIONS REQUIRE FAS-SEAL DOOR SWEEP (14), DOOR SEAL (13 & 19) AND THRESHOLD (11) AS APPLICABLE.
 - SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH CAULK
 - INSTALL THRESHOLD INTO BEAD OF CAULK FULL LENGTH OF SILL
 - REPUBLIC INSTALLATIONS REQUIRE DOOR SEAL (13 & 19) AND THRESHOLD (11) AS APPLICABLE.
 - REPUBLIC DOORS HAVE FLUSH TOP DOOR CHANNEL - TOP CAP NOT APPLICABLE



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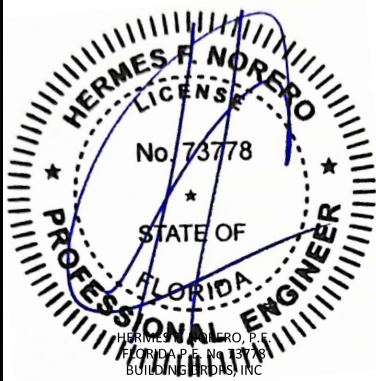
GASKETING DETAILS - PERIMETER SEAL

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FAX: (954) 744-4738
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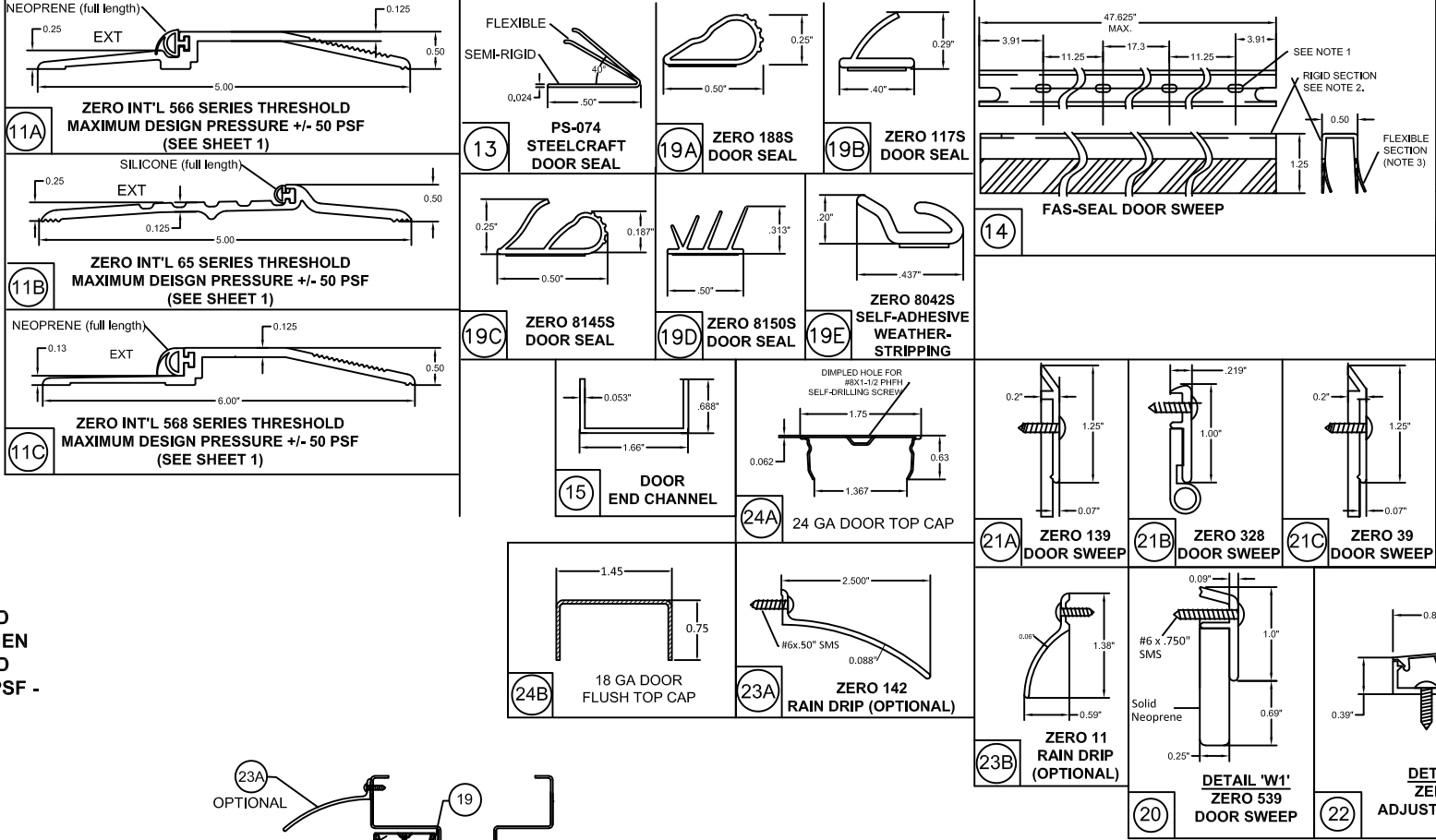
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SCALE:	NTS
DWG. #:	FMASF
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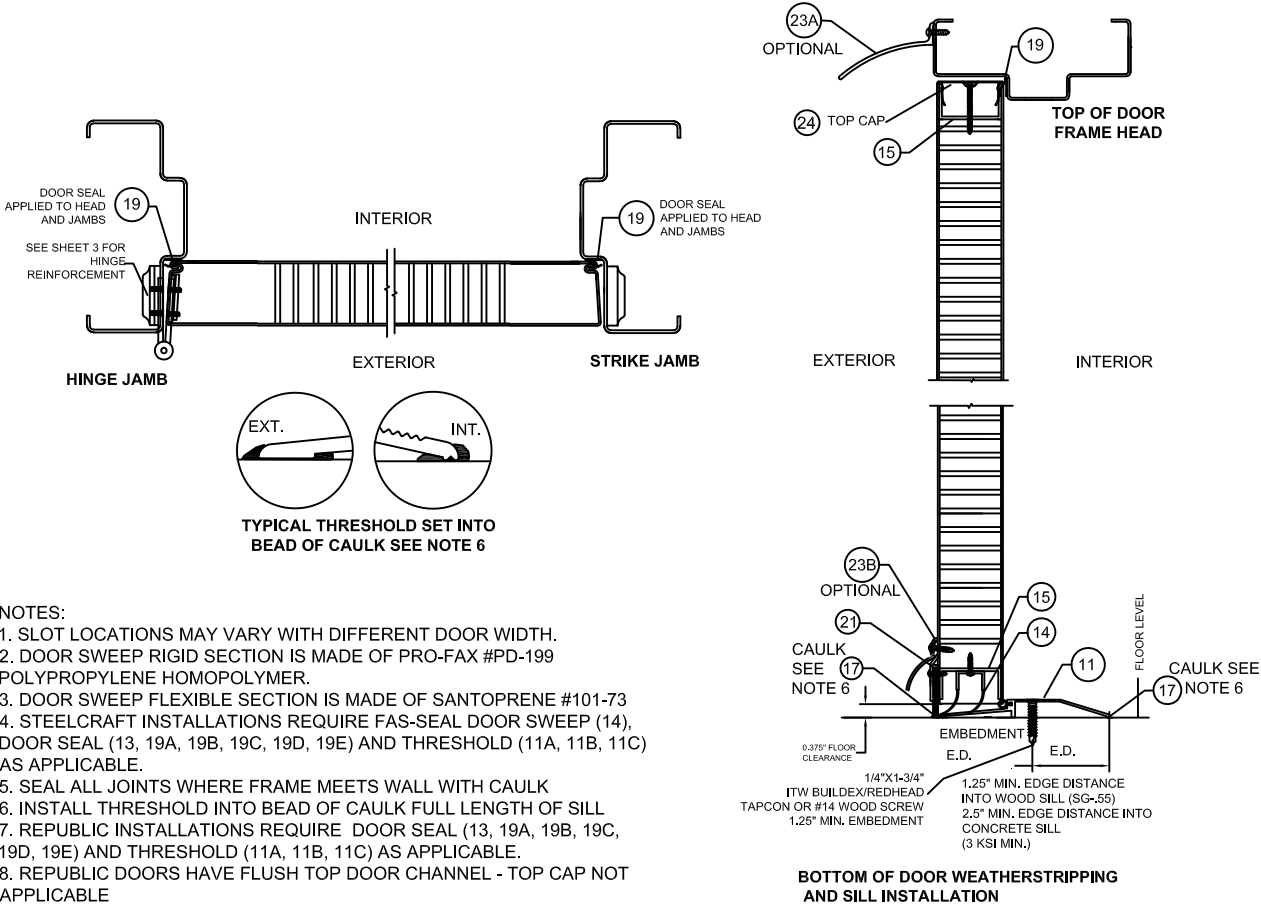
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TABLE 4 NON WATER RATED PERIMETER SEAL HARDWARE - ZERO INT'L THRESHOLDS

ITEM NUMBER	MODEL No./ DESCRIPTION	MFG.
11	11A 566 THRESHOLD	ZERO INT'L
	11B 65 THRESHOLD	ZERO INT'L
	11C 568 THRESHOLD	ZERO INT'L
13	PS074 DOOR SEAL	STEELCRAFT
14	FAS-SEAL SWEEP	STEELCRAFT
15	END CHANNEL	STEELCRAFT
19	19A 188S DOOR SEAL	ZERO INT'L
	19B 117S DOOR SEAL	ZERO INT'L
	19C 8145S DOOR SEAL	ZERO INT'L
	19D 8150S DOOR SEAL	ZERO INT'L
	19E 8042S DOOR SEAL	ZERO INT'L
20	539 DOOR SWEEP	ZERO INT'L
21A	139 DOOR SWEEP	ZERO INT'L
21B	328 DOOR SWEEP	ZERO INT'L
21C	39 DOOR SWEEP	ZERO INT'L
22	475 ADJUSTABLE STOP	ZERO INT'L
23A	142 RAIN DRIP	ZERO INT'L
23B	11 RAIN DRIP	ZERO INT'L
24A	OPTIONAL TOP CAP	STEELCRAFT
24B	FLUSH TOP CAP	STEELCRAFT

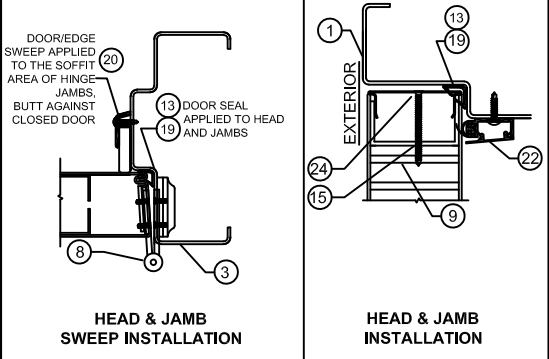


ZERO INT'L 566, 65 AND 568 THRESHOLD GASKETING SYSTEM REQUIREMENTS WHEN WATER INFILTRATION IS NOT REQUIRED
MAXIMUM DESIGN PRESSURE RATING 50 PSF -
MAXIMUM DOOR SIZE 4'-0" X 8'-0" (SEE ELEVATION SHEET 1)



- NOTES:
1. SLOT LOCATIONS MAY VARY WITH DIFFERENT DOOR WIDTH.
 2. DOOR SWEEP RIGID SECTION IS MADE OF PRO-FAX #PD-199 POLYPROPYLENE HOMOPOLYMER.
 3. DOOR SWEEP FLEXIBLE SECTION IS MADE OF SANTOPRENE #101-73
 4. STEELCRAFT INSTALLATIONS REQUIRE FAS-SEAL DOOR SWEEP (14), DOOR SEAL (13, 19A, 19B, 19C, 19D, 19E) AND THRESHOLD (11A, 11B, 11C) AS APPLICABLE.
 5. SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH CAULK
 6. INSTALL THRESHOLD INTO BEAD OF CAULK FULL LENGTH OF SILL
 7. REPUBLIC INSTALLATIONS REQUIRE DOOR SEAL (13, 19A, 19B, 19C, 19D, 19E) AND THRESHOLD (11A, 11B, 11C) AS APPLICABLE.
 8. REPUBLIC DOORS HAVE FLUSH TOP DOOR CHANNEL - TOP CAP NOT APPLICABLE

PERIMETER SEAL INSTALLATION DETAILS





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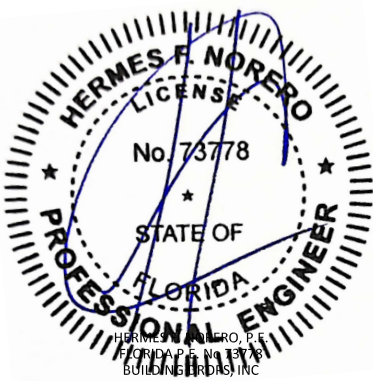
GASKETING DETAILS - PERIMETER SEAL CONT.

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DWG. BY: JA

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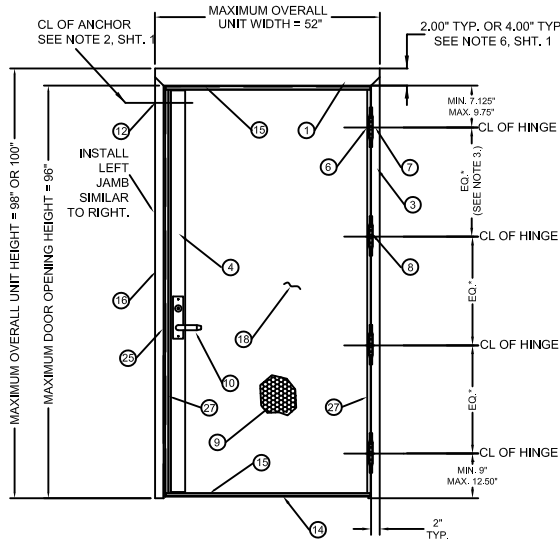
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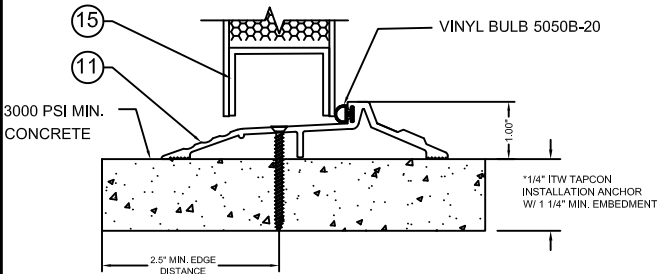
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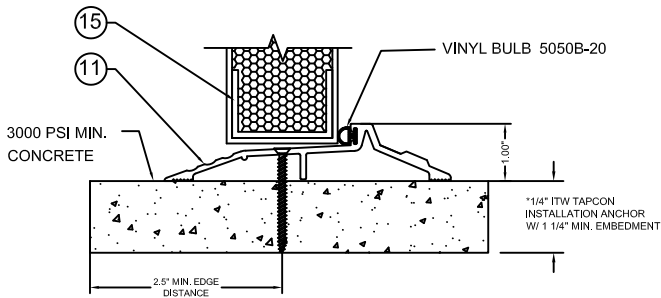
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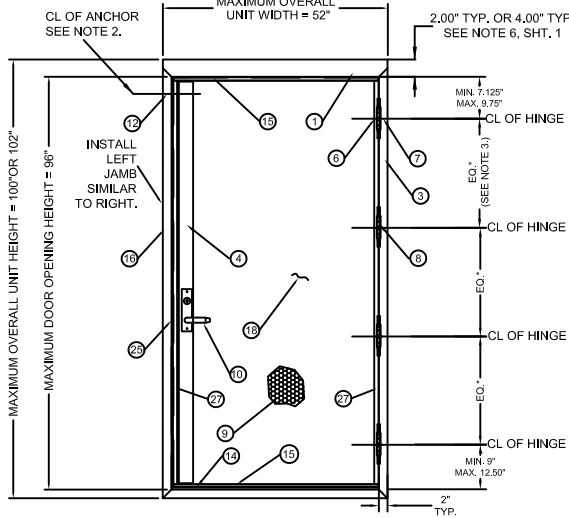
OUTSWING DOOR WITH THREE SIDED FRAME
(EXTERIOR VIEW)
ALL DIMENSIONS TYPICAL, UNLESS SPECIFIED OTHERWISE



OPTIONAL THRESHOLD DETAIL (SILL) WITH
INVERTED BOTTOM RAIL



OPTIONAL THRESHOLD DETAIL (SILL) WITH
FLUSH BOTTOM RAIL



OUTSWING DOOR WITH FOUR SIDED FRAME
(EXTERIOR VIEW)
ALL DIMENSIONS TYPICAL, UNLESS SPECIFIED OTHERWISE

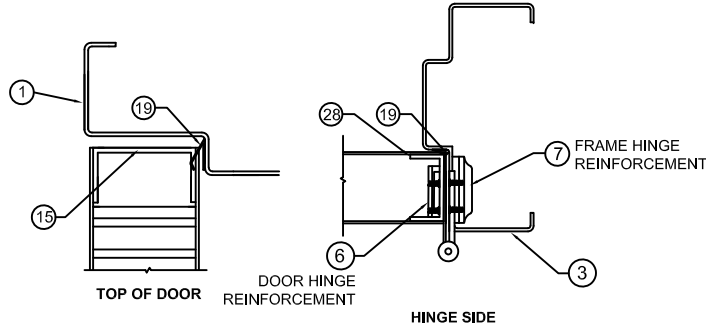
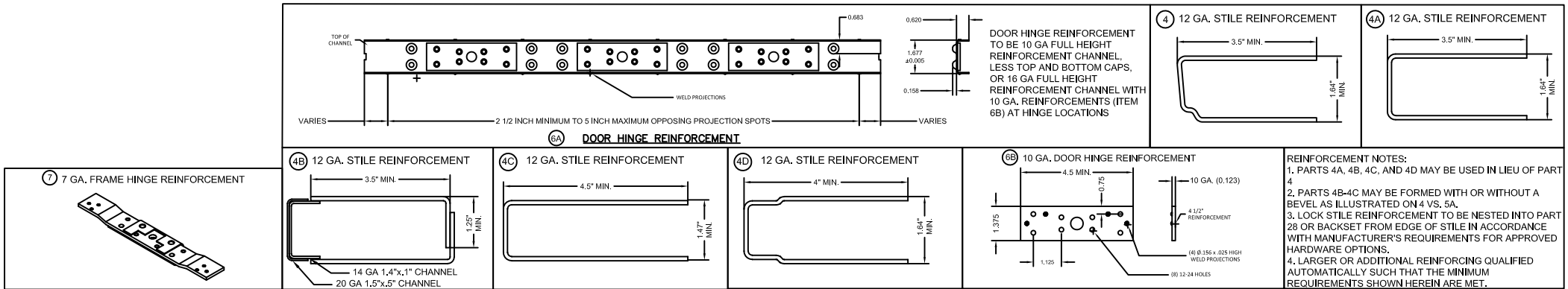


TABLE 8 (SEE TABLE 1, SHEET 2 FOR OPTION 1 CONFIGURATION)

	QUANTITY	DESCRIPTION	MATERIAL	SIZE
1	1	HEAD (SEE SHT. 19)	.053" MIN. STL.	MAX. 100"
2	1	SILL JAMB (SEE SHT. 19)	.053" MIN. STL.	MAX. 100" HEIGHT.
3	1	HINGE JAMB (SEE SHT. 19)	.053" MIN. STL.	MAX. 102" HEIGHT.
4	1	LOCK SIDE REINFORCEMENT CHANNEL	.093" MIN. STL.	3.5 X 93.44 MAX.
6	NOTE 3, SHT1	HINGE REINFORCEMENT DOOR	.167" MIN. STL.	1.23" X 9.19" MIN.
6A	NOTE 3, SHT1	HINGE REINFORCEMENT DOOR	.053" MIN. STL.	1.677" X FULL LENGTH - END CHNLS
6B	NOTE 3, SHT1	HINGE REINFORCEMENT DOOR	.123" MIN. STL.	1.375 X 4.5 MIN.
7	NOTE 3, SHT1	HINGE REINFORCEMENT FRAME	.167" MIN. STL.	1.50" X 9.19" MIN.
8	NOTE 3, SHT1	BUTT HINGES (SEE SHT. 4)	.134 MIN.	(8) #12-24 MS PER HINGE
		OPTIONAL CONTINUOUS HINGE (SEE SHT. 4)	.067" MIN. STL/.11 ALUM	MAX. 95"
9	1	CORE MATERIAL (SEE SHT. 5):	D) HONEYCOMB C) STEEL STIFFENED A/F) POLYSTYRENE B/F) POLYURETHANE/POLYISOCYANURATE E) MINERAL BOARD TEMPERATURE RISE CORE	
10	1	LOCKING HARDWARE- FALCON MA SERIES MORTISE LOCK W/SECTIONAL OR ESCUTCHEON TRIM		
11	1	THRESHOLD SILL W/BUMPER GASKET (SEE SHTS. 15 & 16)	ALUM. 6063 T5	48" MAX.
		1) ZERO 11A-T1)566A, 11B-T3)65A, 11C)568		
		2) NAT'L GUARD T2)950A, T4)803V	ALUM. 6063 T5	
12	NOTE 2, SHT1	JAMB ANCHOR	SEE SHTS. 6-14	
13	1	PSO74 WEATHER STRIPPING	TPE	MAX. 24'
14	1	FAS-SEAL DOOR SWEEP	TPE	MAX. 47.66"
15	2	END CHANNEL ASTM A924 (16 GA-FLUSH OR INVERTED)	.053" MIN. STL.	.62" X 1.66" X 47.66" MAX.
16	1	STRIKE JAMB ASTM A1008 (SEE SHT. 18)	.067" MIN. STL.	MAX. 102" HEIGHT
17	AS NEEDED	BUTYL RUBBER, SILICONE OR LATEX W/ SILICONE		
18	1	DOOR SLAB (16 OR 14 GA)	SEE SHT. 19	48" X 96" MAX.
19	1	BY ZERO INT'L SEAL A)188S, B)117S, C)8145S, D)8150S, E)8042S	SILICONE	MAX. 24'
		BY NGP DOOR SEAL NO.5020		
20	1	BY ZERO INT'L DOOR SWEEP NO.539	TPE	MAX. 96"
		BY NGP DOOR SEAL NO.202N		
21	1	BY ZERO INT'L DOOR SWEEP A)139, B) 328, C)39	SEE SHTS. 15 & 16	MAX. 48"
		BY NGP DOOR SEAL NO.200N		
22	1	BY ZERO INT'L ADJUSTABLE STOP NO.475	TPE	MAX. 48"
		BY NGP ADJUSTABLE STOP NO.170N		
23	1	BY ZERO INT'L DOOR SEAL NO.188S	SILICONE	MAX. 24'
23A		BY ZERO INT'L RAIN DRIP 142	ALUMINUM	MAX. 100"
23B	1	BY ZERO INT'L RAIN DRIP 11	ALUMINUM	MAX. 48"
24				
25	1	STRIKE REINFORCEMENT STRIKE JAMB	.053" MIN. STL.	1.31" X 8.38." MIN.
26	VARIES	DOOR VIEWER IVES U698/698		
27	2	EDGE CHANNEL (16 GAUGE MIN)	.053" MIN. STL.	1.31" X 8.38." MIN.
28	NOTE 3, SHT1	HINGE REINFORCEMENT FRAME	.149" MIN. STL.	1.23" X 9.19." MIN.



ALLEGION-SCHLAGE LOCK COMPANY, LLC
11819 N. PENNSYLVANIA STREET
CARMEL, IN 46032
PH: (317) 715-4073

TITLE:OUTSWING SINGLE FLUSH WITH
FALCON MA SERIES MORTISE LOCK
(HVHZ)(IMPACT)

REPUBLIC DOORS: SINGLE DOORS
OUTSWING CONFIGURATIONS & BOM

PREPARED BY:
BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
A. MISC UPDATES	DI	01/26

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC
AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC
SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE
FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED
ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC
DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL #:

FL16740

DATE: 09.20.2024

DWG. BY: JA
CHK. BY: HN

SCALE: NTS

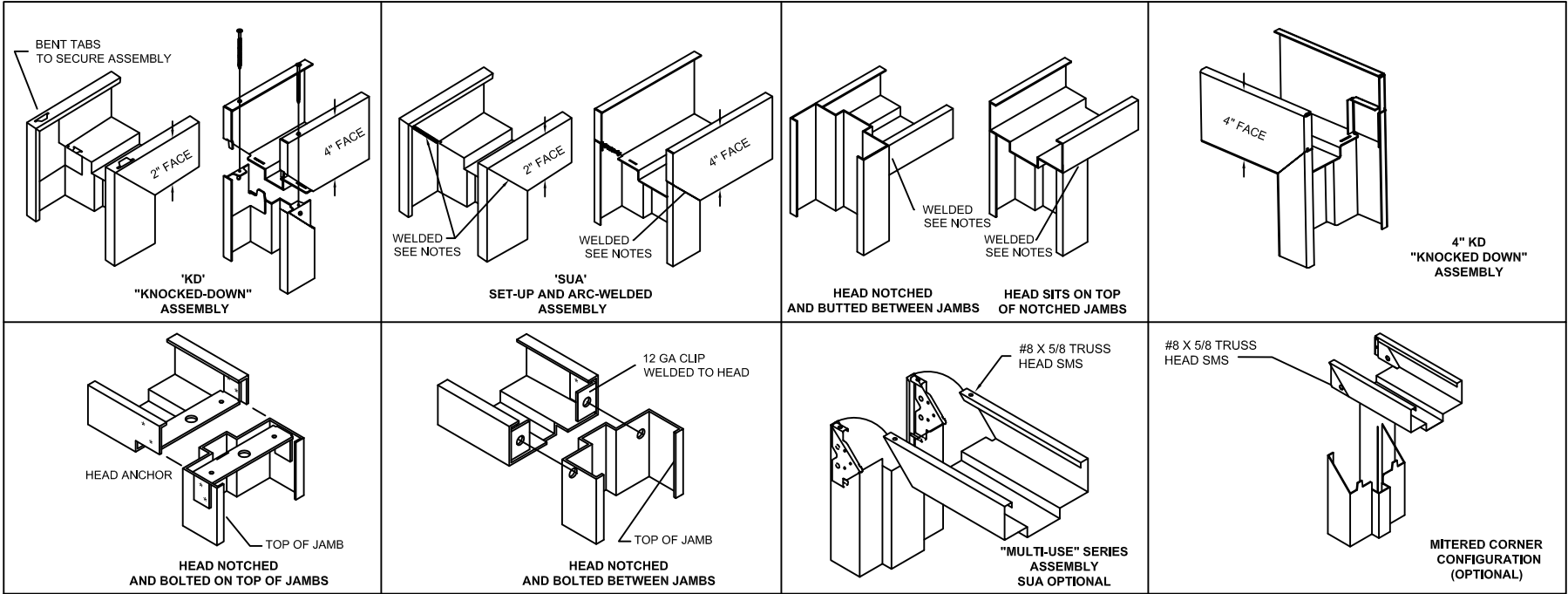
DWG. #: FMASF

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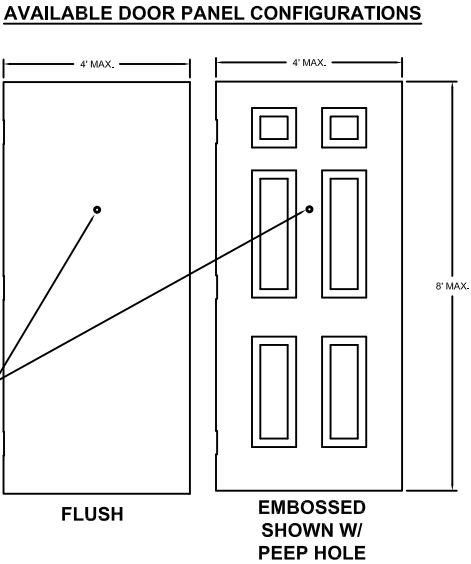
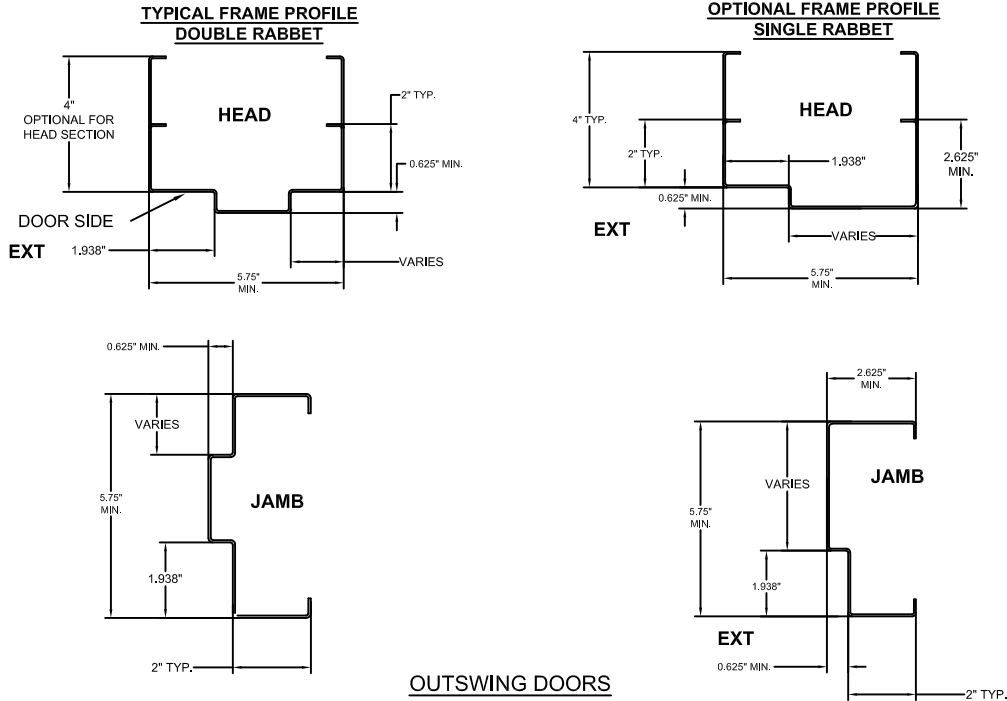
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WELDING NOTES:
1. CONTINUOUS BACK WELD WITH FULL PENETRATION TO FACE SEAM, GRIND SMOOTH AND PRIME PAINT. WELD CLASSIFICATION - E70XX



REPUBLIC DOOR SERIES	DOOR CORE MATERIAL PER SHT. 5	MAXIMUM OPENING SIZE		SKIN MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
DL	HONEYCOMB POLYSTYRENE POLYURETHANE (POLYISOCYANURATE) TEMPERATURE RISE STEEL STIFFENED	4'-0"	8'-0"	CRS. GALV.	16/.053"
DE		4'-0"	8'-0"	CRS. GALV.	16/.053" 14/.067"

REPUBLIC FRAME SERIES	JAMB DEPTH	MAXIMUM OPENING SIZE		MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
ME / SE	5.75" MIN.	4'-0"	8'-0"	CRS/HRS GALV	16/.053" 14/.067"
SE	5.75" MIN.	4'-0"	8'-0"	CRS/HRS GALV	12/.093"

MATERIAL	ASTM REF.	YIELD KSI	TENSILE KSI
CRS	A1008	MIN. 30.1	MIN. 44.7
HRS	A1011		
GALV.	A653/A924		

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CARMEL, IN 46032
PH: (317) 715-4073

TITLE:OUTSWING SINGLE FLUSH WITH FALCON MA SERIES MORTISE LOCK (HVHZ)(IMPACT)

REPUBLIC DOORS: FRAME DETAILS & CORNER CONSTRUCTION

PREPARED BY:
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HERMES F. NORERO, P.E.
FLORIDA PROFESSIONAL ENGINEER
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15,
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL16740

DATE: 09.20.2024

DWG. BY: JA	CHK. BY: HN
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SCALE: NTS

DWG. #: FMASF

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19 OF 19