

ALLEGION - SCHLAGE LOCK COMPANY, LLC.

LOUVERED OUTSWING/INSWING

COMMERCIAL STEEL SINGLE DOOR SYSTEMS

(NON-HVHZ)(NON-IMPACT)

- GENERAL NOTES:
1. THESE PRODUCTS HAVE BEEN TESTED TO ASTM PROTOCOLS E330-14 AND COMPLY WITH THE CURRENT FLORIDA BUILDING CODE.

2. THE DOORS ARE NON-IMPACT RATED.
- NOTES:
1. ALL DIMENSIONS SHOWN MAX. AND TYP. FOR ALL DOOR/FRAME MODELS UNLESS OTHER INDICATED.

2. ANCHOR REQUIREMENTS: SEE SHEET 10 - 14 & 23 - 27 FOR APPROVED ANCHORS AND INSTALLATION.

3. HINGE REQUIREMENTS:

FOR DOOR OPENING UP TO 90" HIGH - MIN. (3) BUTT HINGES

FOR DOOR OPENING OVER 90" - 96" HIGH - MIN (4) BUTT HINGES

LOCATIONS: 7.125" MIN - 9.75" MAX. FROM RABBET IN HEAD TO CL OF TOP HINGE

9" MIN. -12.25" MAX. FROM FLOOR TO CL OF BOTTOM HINGE, EQUALLY SPACED IN BETWEEN.

4. APPROVED CONTINUOUS HINGE MODELS: SEE SHEET 17.

5. SEE SHEETS 2, 3, 9, 20, AND 22 FOR AVAILABLE STANDARD OPENING SIZES AND SPECIFICATIONS.

6. HARDWARE INSTALLATION AS PER MANUFACTURER'S INSTRUCTIONS.

7. 4" FACE HEAD IS AVAILABLE WHEN GROUTED WITH CONCRETE.

8. APPLY CAULK AS NEEDED.

9. WHEN WATER INFILTRATION RATING IS NOT REQUIRED, INSTALL GASKETING PER SHEETS 16.

10. MASONRY WIRE, T ANCHORS AND EXISTING MASONRY ANCHORS WITHOUT BOLT MAY BE USED IN MIN. 2700PSI POURED CONCRETE TILT UP WALLS.

11. WOOD OR STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY THE APPROPRIATE LOAD DESIGN.

12. 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 IS NOT PART OF THIS APPROVAL, CONSULT MANUFACTURER FOR APPROVED CONFIGURATIONS.

13. 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.

14. INSTALL REINFORCEMENT CHANNELS (ITEM #23) AROUND EACH LOUVER CUT-OUT.

- CONSTRUCTION NOTES:
1. DOOR CONSTRUCTION

1.1. NOMINAL DOOR THICKNESS - 1 3/4"

1.2. LOUVER OPENING SIZE TESTED (SEE SHEET 18 & 19) IS MAX AVAILABLE FOR 8'0" X 8'0" OPENING. ALL SMALLER SIZES ARE ACCEPTABLE

1.3. MAXIMUM LOUVER OPENING SIZES WILL CHANGE IN PROPORTION WITH DOOR SIZE, KEEPING THE SAME STILE AND RAIL MINIMUM DIMENSIONS SPECIFIED IN ELEVATION (SEE SHEETS 3 & 20)

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. 4, SHT. 9). REPUBLIC DOORS FRAMES AVAILABLE AS ME-SERIES AND SE-SERIES (SEE TABLE 9, SHT. 22).

3. FOR STEELCRAFT DOOR SPECIFICATIONS REFERENCE SEE TABLE 3, SHT. 8. FOR REPUBLIC DOORS DOOR SPECIFICATIONS REFERENCE SEE TABLE 8, SHT. 22.

4. FRAME CORNER WELD: CONTINUOUS BACK WELD WITH FULL PENETRATION TO FACE SEAM. GRIND, SMOOTH, PRIME, & PAINT. WELD CLASSIFICATION - E70XX. SEE SHEET 9 & 22 FOR DETAIL.

| TABLE OF CONTENTS |                                                                                            |
|-------------------|--------------------------------------------------------------------------------------------|
| SHEET             | SHEET DESCRIPTION                                                                          |
| 1                 | GENERAL NOTES AND DESIGN PRESSURE TABLE                                                    |
| 2                 | TABLE 1: DOOR CONFIG. & LOCKING HARDWARE                                                   |
| 3                 | STEELCRAFT: OPENING DIMENSIONS & BOM                                                       |
| 4                 | DOOR & FRAME OUTSWING VERTICAL SECTION VIEWS                                               |
| 5                 | DOOR & FRAME INSWING VERTICAL SECTION VIEWS                                                |
| 6                 | DOOR & FRAME OUTSWING HORIZONTAL SECTION VIEWS                                             |
| 7                 | DOOR & FRAME INSWING HORIZONTAL SECTION VIEWS                                              |
| 8                 | DOOR PANEL & CORE DETAILS                                                                  |
| 9                 | STEELCRAFT: FRAME DETAILS & CORNER CONSTRUCTION                                            |
| 10                | STEELCRAFT: ANCHORS - WIRE OR T MASONRY ANCHOR & WOOD STUD                                 |
| 11                | STEELCRAFT: ANCHORS - STEEL STUD & EMA INTO CONCRETE WALL OR CMU                           |
| 12                | STEELCRAFT: ANCHORS - EMA W/ LAG BOLT IN WOOD STUD WALL & POURED CONCRETE TILT UP WALL     |
| 13                | STEELCRAFT: ANCHORS - FRAMES BOLTED TO BUILDING STRUCTURE                                  |
| 14                | STEELCRAFT: ANCHORS - FRAMES WELDED TO STEEL STRUCTURE BUILDING                            |
| 15                | STEELCRAFT: FRAME HEAD & SILL ANCHOR DETAILS                                               |
| 16                | GASKETING DETAILS FOR NO WATER INFILTRATION                                                |
| 17                | HINGES & CHANNELS REINFORCEMENTS                                                           |
| 18                | LOUVER OPTIONS                                                                             |
| 19                | LOUVER PANEL OPTIONS                                                                       |
| 20                | REPUBLIC DOORS: OPENING DIMENSIONS & BOM                                                   |
| 21                | REPUBLIC DOORS: SILL & REINFORCEMENT DETAILS                                               |
| 22                | REPUBLIC DOORS: FRAME DETAILS & CORNER CONSTRUCTION                                        |
| 23                | REPUBLIC DOORS: ANCHORS - WIRE OR T MASONRY ANCHOR & WOOD STUD                             |
| 24                | REPUBLIC DOORS: ANCHORS - STEEL STUD & EMA INTO CONCRETE WALL OR CMU                       |
| 25                | REPUBLIC DOORS: ANCHORS - EMA W/ LAG BOLT IN WOOD STUD WALL & POURED CONCRETE TILT UP WALL |
| 26                | REPUBLIC DOORS: ANCHORS - FRAMES BOLTED TO BUILDING STRUCTURE                              |
| 27                | REPUBLIC DOORS: ANCHORS - FRAMES WELDED TO STEEL STRUCTURE BUILDING                        |
| 28                | REPUBLIC DOORS: FRAME HEAD & SILL ANCHOR DETAILS                                           |

| DESIGN PRESSURE RATING |                                                                          |                                                                         |                                                                        | IMPACT RATING    |
|------------------------|--------------------------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------|------------------|
| CONFIGURATION          | WHERE WATER AND AIR INFILTRATION REQUIREMENTS ARE NEEDED (OUTSWING ONLY) | WHERE WATER AND AIR INFILTRATION REQUIREMENTS ARE NOT NEEDED (OUTSWING) | WHERE WATER AND AIR INFILTRATION REQUIREMENTS ARE NOT NEEDED (INSWING) |                  |
| 1                      | -                                                                        | +50/-50                                                                 | +50/-50                                                                | NON-IMPACT RATED |
| 2                      | -                                                                        | +50/-45                                                                 | +45/-50                                                                |                  |
| 3                      | -                                                                        | +50/-50                                                                 | +50/-50                                                                |                  |
| 4                      | -                                                                        | +50/-45                                                                 | +45/-50                                                                |                  |
| 5                      | -                                                                        | +50/-45                                                                 | +45/-50                                                                |                  |
| 6                      | -                                                                        | +50/-50                                                                 | +50/-50                                                                |                  |
| 7                      | -                                                                        | +50/-50                                                                 | +50/-50                                                                |                  |
| 8                      | -                                                                        | +50/-50                                                                 | +50/-50                                                                |                  |



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11819 N. PENNSYLVANIA STREET  
CARMEL, IN 46032  
PH: (317) 715-4073

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COMMERCIAL STEEL  
SINGLE DOOR SYSTEMS  
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GENERAL NOTES &  
DESIGN PRESSURE TABLE

PREPARED BY:  
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MIAMI, FL 33132  
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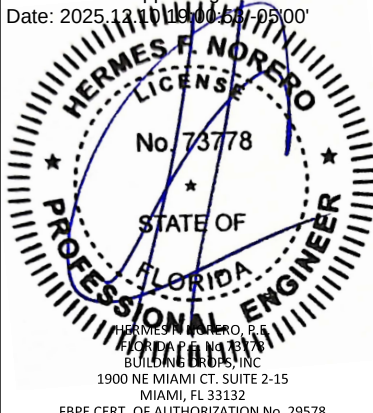


BUILDING DROPS

| REMARKS           | BY | DATE     |
|-------------------|----|----------|
| LOCK ADDITION     | MG | 10.16.23 |
| MPP/ANCHOR UPDATE | SH | 06.13.24 |
| LOCK UPDATE       | JA | 09.09.24 |
| MISC UPDATE       | DI | 12.06.25 |

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.

Digitally signed by Hermes F. Norero, P.E.  
Reason: I am approving this document  
Date: 2025.12.11 16:00:57 -0500



HERMES F. NORERO, P.E.  
1900 NE MIAMI CT, SUITE 2-15  
MIAMI, FL 33132  
FBPE CERT. OF AUTHORIZATION No. 29578

FL10356

DATE: 04.24.23

DWG. BY: DI  
CHK. BY: HFN

SCALE: NTS

DWG. #: LSDA330

SHEET: 1 OF 28

TABLE 1: DOOR CONFIGURATIONS AND LOCKING HARDWARE

| DOOR<br>CONFIGURATION | MAXIMUM DESIGN PRESSURE, PSF |           | MAXIMUM DOOR OPENING<br>SIZE, IN |        | LOCKING HARDWARE DESCRIPTION   |                               |                                                                                |            | COMMENTS                                                     |
|-----------------------|------------------------------|-----------|----------------------------------|--------|--------------------------------|-------------------------------|--------------------------------------------------------------------------------|------------|--------------------------------------------------------------|
|                       | OUTSWING                     | INSWING   | WIDTH                            | HEIGHT | HARDWARE<br>FAMILY             | MODEL/SERIES                  | STRIKE MODELS                                                                  | BRAND      |                                                              |
| 1                     | +50 / -50                    | +50 / -50 | 48                               | 96     | MORTISE LOCK                   | L/LV9000, AD-MS, CO-MS, PM    | STANDARD                                                                       | SCHLAGE    | FUNCTIONS WITHOUT DEADBOLT, 3/4" MIN. THROW<br>LATCH         |
|                       |                              |           |                                  |        |                                | LE-MS, LEB-MS, LE-MB, LEB-MB  |                                                                                |            |                                                              |
|                       |                              |           |                                  |        |                                | XE360-M-B, XE360-M-I          |                                                                                |            |                                                              |
|                       |                              |           |                                  |        |                                | L/LV9400, AD-MD, CO-MD, PM400 | STANDARD                                                                       | SCHLAGE    | FUNCTIONS WITH 1" THROW DEADBOLT, 3/4" MIN.<br>THROW LATCH   |
|                       |                              |           |                                  |        |                                | LE-MD, LEB-MD                 |                                                                                |            |                                                              |
|                       |                              |           |                                  |        |                                | XE360-M-D                     |                                                                                |            |                                                              |
|                       |                              |           |                                  |        |                                | MA                            | STANDARD                                                                       | FALCON     | FUNCTIONS WITH OR WITHOUT DEADBOLT, 3/4" MIN.<br>THROW LATCH |
| 2                     | +50 / -45                    | +45 / -50 | 48                               | 96     | MORTISE LOCK                   | L/LV9000, AD-MS, CO-MS, PM    | VON DUPRIN ELECTRIC<br>STRIKE MODELS:<br>6210, 6211, 6212,<br>6213, 6214, 6215 | SCHLAGE    | FUNCTIONS WITHOUT DEADBOLT, 3/4" MIN. THROW<br>LATCH         |
|                       |                              |           |                                  |        |                                | LE-MS, LEB-MS, LE-MB, LEB-MB  |                                                                                |            |                                                              |
|                       |                              |           |                                  |        |                                | XE360-M-B, XE360-M-I          |                                                                                |            |                                                              |
|                       |                              |           |                                  |        |                                | MA                            |                                                                                | FALCON     |                                                              |
|                       |                              |           |                                  |        |                                | L/LV9400, AD-MD, CO-MD, PM400 | VON DUPRIN ELECTRIC<br>STRIKE MODELS: 6216                                     | SCHLAGE    | FUNCTIONS WITH DEADBOLT, 3/4" MIN. THROW<br>LATCH            |
|                       |                              |           |                                  |        |                                | LE-MD, LEB-MD                 |                                                                                |            |                                                              |
|                       |                              |           |                                  |        |                                | XE360-M-D                     |                                                                                | FALCON     |                                                              |
|                       |                              |           |                                  |        |                                | MA                            |                                                                                |            |                                                              |
| 3                     | +50 / -50                    | +50 / -50 | 48                               | 96     | CYLINDRICAL LOCK               | ND, NDE, NDEB, A, AL, S       | 10-025                                                                         | SCHLAGE    | 1/2" MIN THROW LATCH                                         |
|                       |                              |           |                                  |        |                                | AD-CY, CO-CY                  |                                                                                |            | 1/2" MIN THROW LATCH<br>(13-247, 14-028, 14-048)             |
|                       |                              |           |                                  |        |                                | ALX, PC                       |                                                                                |            | 1/2" MIN THROW LATCH                                         |
|                       |                              |           |                                  |        |                                | B, X                          | ANSI                                                                           | FALCON     | 1/2" MIN THROW LATCH (23981145)                              |
|                       |                              |           |                                  |        |                                | T, TM                         |                                                                                |            |                                                              |
| 4                     | +50 / -45                    | +45 / -50 | 48                               | 96     | CYLINDRICAL LOCK               | ND, NDE, NDEB, A, AL, S       | VON DUPRIN ELECTRIC<br>STRIKE MODELS:<br>6211, 6212, 6213,<br>6214, 6215       | SCHLAGE    | 1/2" MIN THROW LATCH                                         |
|                       |                              |           |                                  |        |                                | AD-CY, CO-CY                  |                                                                                |            | 1/2" MIN THROW LATCH<br>(13-247, 14-028, 14-048)             |
|                       |                              |           |                                  |        |                                | ALX, PC                       |                                                                                |            | 1/2" MIN THROW LATCH                                         |
|                       |                              |           |                                  |        |                                | B, X                          |                                                                                | FALCON     | 1/2" MIN THROW LATCH (23981145)                              |
|                       |                              |           |                                  |        |                                | T, TM                         |                                                                                |            |                                                              |
| 5                     | +50 / -45                    | +45 / -50 | 48                               | 96     | MORTISE<br>DEADBOLT            | L400                          | STANDARD                                                                       | SCHLAGE    | 1" MIN THROW DEADBOLT                                        |
|                       |                              |           |                                  |        | CYLINDRICAL<br>DEADBOLT        | B600/700/800                  |                                                                                |            | 1" MIN THROW DEADBOLT                                        |
| 6                     | +50 / -50                    | +50 / -50 | 48                               | 96     | RIM EXIT DEVICE                | 22, 22-F                      | 299F/499F                                                                      | VON DUPRIN | -                                                            |
|                       |                              |           |                                  |        |                                | 98, 99, 98-F, 99-F            | 299F/499F                                                                      |            |                                                              |
|                       |                              |           |                                  |        |                                | HW78, HW78-F                  |                                                                                |            |                                                              |
|                       |                              |           |                                  |        |                                | 33A, 35A, 33A-F, 35A-F        | 299F/499F                                                                      |            |                                                              |
|                       |                              |           |                                  |        |                                | HW75, HW75-F                  |                                                                                |            |                                                              |
|                       |                              |           |                                  |        |                                | 55                            | 299F/499F                                                                      |            |                                                              |
|                       |                              |           |                                  |        |                                | 88, 88-F                      | 299F/499F, 268/468                                                             |            |                                                              |
|                       |                              |           |                                  |        |                                | XP98/99, XP98/99-F            | 909/954                                                                        |            |                                                              |
|                       |                              |           |                                  |        |                                | 25-R, F-25-R                  | 299F/499F                                                                      | FALCON     |                                                              |
| 19-R, F-19-R          | F570/F490                    |           |                                  |        |                                |                               |                                                                                |            |                                                              |
| 7                     | +50 / -50                    | +50 / -50 | 48                               | 96     | THREE POINT<br>LATCHING DEVICE | 98/9957, 98/9957-F            | TOP: 299/299-F<br>MIDDLE: 299/299-F<br>BOTTOM: 304L                            | VON DUPRIN | -                                                            |
| 8                     | +50 / -50                    | +50 / -50 | 48                               | 96     | MORTISE EXIT<br>DEVICE         | 98/9975, 98/9975-F            | 575                                                                            | VON DUPRIN | -                                                            |
|                       |                              |           |                                  |        |                                | 8875, 8875-F                  |                                                                                |            |                                                              |
|                       |                              |           |                                  |        |                                | F-25-M, 25-M                  | 1279                                                                           | FALCON     |                                                              |

1. EXIT HARDWARE OPTIONS:  
FOR 98/99, XP98/99, 94/95, 33A/35A, HW75, HW78, AND 22 SERIES - OPTIONS E, RX, LX, SS, EL, QEL, CX, F, ALK, CD, LD, PN  
TRIM: ALL APPLICABLE TRIMS AVAILABLE.  
FOR 88 AND 55 SERIES - OPTION E  
TRIM: ALL APPLICABLE TRIMS AVAILABLE.  
PN MODEL OFFERED.  
FOR FALCON 24 AND 25 SERIES - OPTIONS DM, LM, RX, KOR, MEL, EA, FSA, FSE, CD, LD  
FOR FALCON 19 SERIES  
TRIM: ALL APPLICABLE TRIMS AVAILABLE



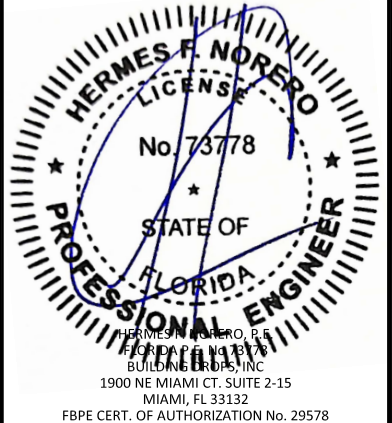
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| REMARKS                                                                                                                                                                                                                                                                                                     | BY | DATE     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----------|
| LOCK ADDITION                                                                                                                                                                                                                                                                                               | MG | 10.16.23 |
| MPP/ANCHOR UPDATE                                                                                                                                                                                                                                                                                           | SH | 06.13.24 |
| LOCK UPDATE                                                                                                                                                                                                                                                                                                 | JA | 09.09.24 |
| MISC UPDATE                                                                                                                                                                                                                                                                                                 | DI | 12.06.25 |
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| FL10356         |              |
| DATE: 04.24.23  |              |
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| SCALE: NTS      |              |
| DWG. #: LSDA330 |              |
| SHEET: 2 OF 28  |              |



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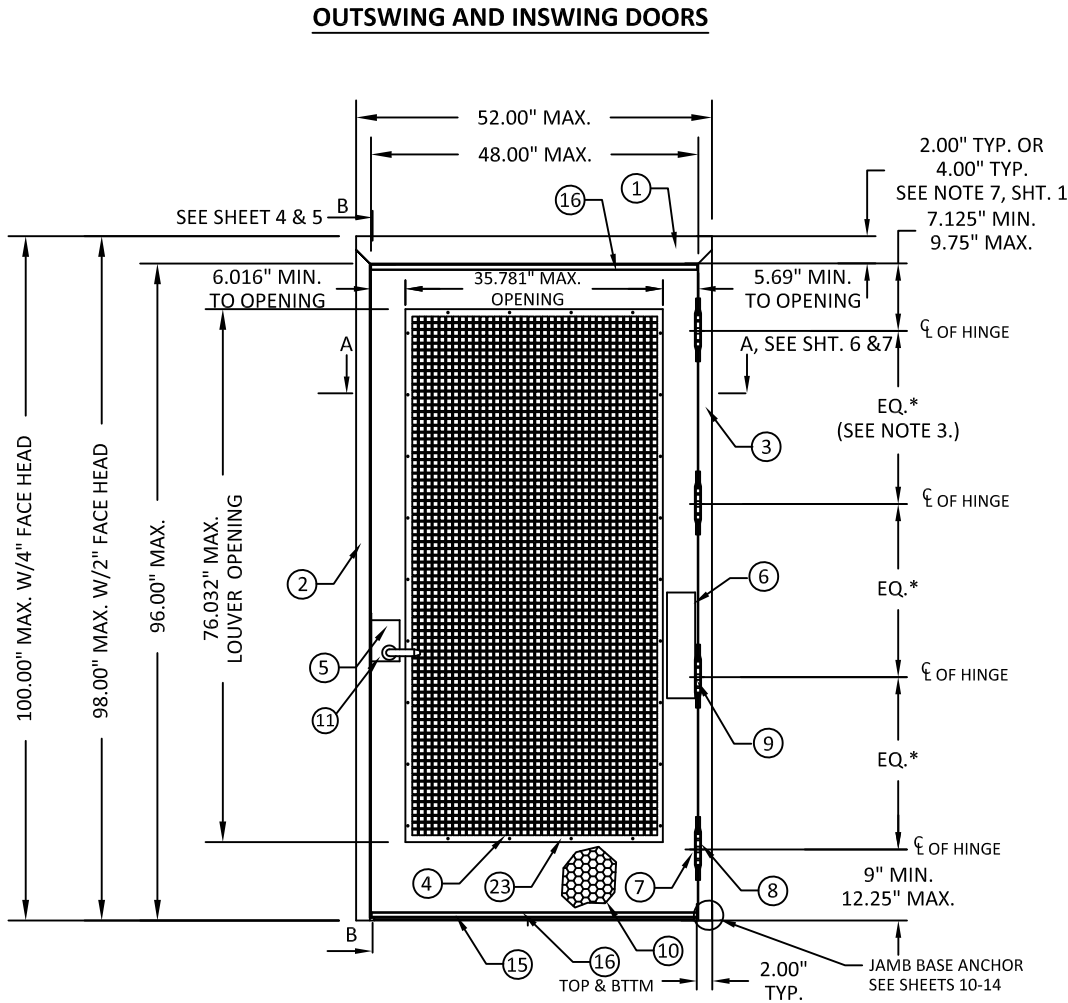
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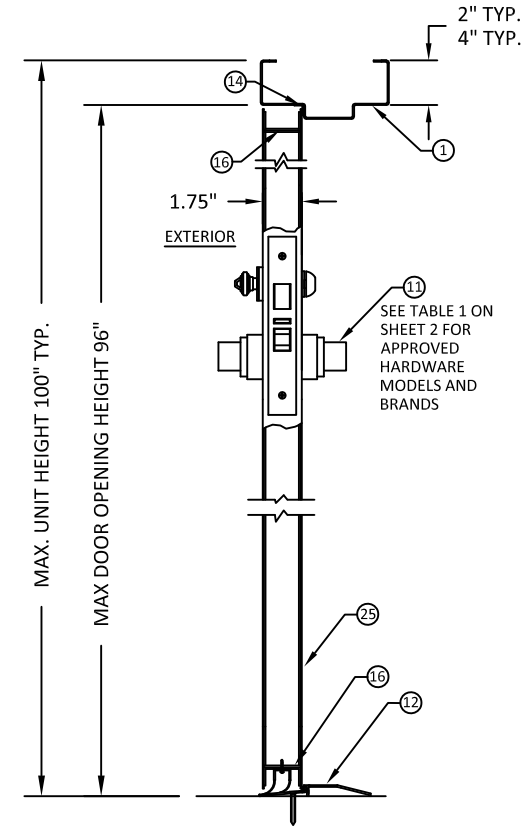
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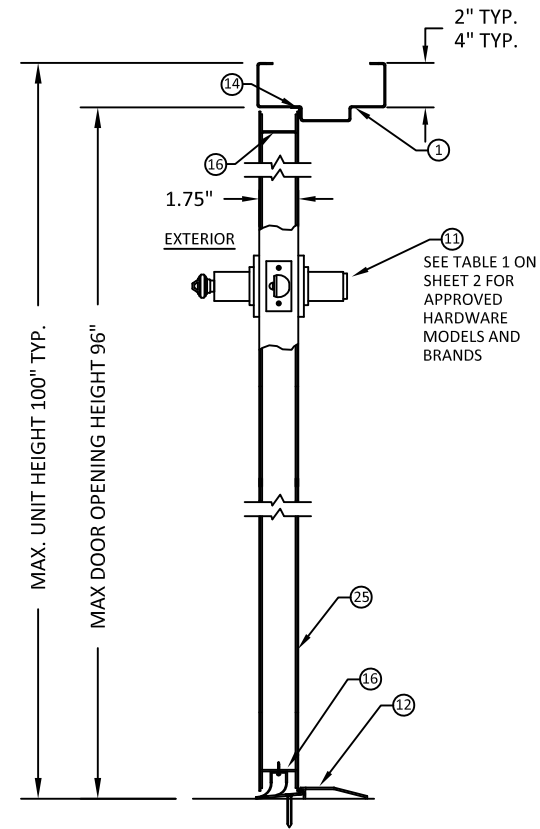
TABLE 2: (FOR OPTION 2 SEE TABLE 7 SHEET 20)

| ITEM | QUANTITY       | DESCRIPTION                                                                                                                                                     | MATERIAL                 | SIZE                                     |
|------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------------|
| 1    | 1              | HEAD                                                                                                                                                            | .053" MIN. STL           | MAX. 52"                                 |
| 2    | 1              | STRIKE JAMB                                                                                                                                                     | .053" MIN. STL           | MAX. 100" HEIGHT                         |
| 3    | 1              | HINGE JAMB                                                                                                                                                      | .053" MIN. STL           | MAX. 100" HEIGHT                         |
| 4    | VARIES         | FIXED DOOR LOUVER:<br>ANEMOSTAT PLSL<br>AIR LOUVERS, INC. - 1500-A<br>NATIONAL GUARD PRODUCTS - L-VRSG-2<br>ANEMOSTAT FLDL-UL0SG1 OR FLDL-UL-SG2                | SEE SHT. 18 & 19         | SEE SHT. 18 & 19                         |
| 5    | 1              | LOCK REINFORCEMENT TO SUIT LOCK TYPE                                                                                                                            | .053" MIN. STL           | VARIES                                   |
| 6    | AS NEEDED      | HINGE SIDE PANIC REINFORCEMENT                                                                                                                                  | .067" MIN. STL           | MAX. 20"                                 |
| 7    | NOTE 3, SHT. 1 | HINGE REINFORCEMENT DOOR                                                                                                                                        | .167" MIN. STL           | 1.23" X 9.19" MIN.                       |
| 8    | NOTE 3, SHT. 1 | HINGE REINFORCEMENT FRAME                                                                                                                                       | .167" MIN. STL           | 1.5" X 9.19" MIN.                        |
| 9    | NOTE 3, SHT. 1 | 4.5" MIN. BUTT HINGES (SEE SHT. 17)                                                                                                                             | .134 MIN. STL            | (8) #12-24 MS PER HINGE                  |
|      |                | OPTIONAL CONTINUOUS HINGE (SEE SHT. 17)                                                                                                                         | .075" MIN. STL/ .12 ALUM | MAX. 95"                                 |
| 10   | 1              | CORE MATERIAL (SEE SHT. 8):<br>D) HONEYCOMB C) STEEL STIFFENED<br>A&F) POLYSTYRENE B&F) POLYURETHANE/POLYISOCYANURATE<br>E) MINERAL BOARD TEMPERATURE RISE CORE |                          |                                          |
| 11   | 1              | LOCKING HARDWARE - SEE TABLE 1, SHT. 2                                                                                                                          |                          |                                          |
| 12   | 1              | THRESHOLD SILL W/BUMPER GASKET SEE SHT. 16<br>12A) 566 ZERO 12F) 565 ZERO<br>12B) 950A NGP<br>12C) 65 ZERO 12G) 560 ZERO<br>12D) 568 ZERO<br>12E) 803V NGP      |                          |                                          |
| 13   | NOTE 2, SHT. 1 | JAMB ANCHOR                                                                                                                                                     | SEE SHTS. 10-14 & 23-27  | -                                        |
| 14   | SEE SHT. 16    | 14A) PS074 DOOR SEAL<br>14B) 188S, 14C) 117S, 14D) 8145S, 14E) 8150S, 14F) 8042S                                                                                | TPE<br>SILICONE          | VARIES                                   |
| 15   | 1              | FAS-SEAL DOOR SWEEP SEE SHT. 16                                                                                                                                 | TPE                      | MAX. 48"                                 |
| 16   | 2              | END CHANNEL (14 GAGE - INVERTED)                                                                                                                                | 0.067" MIN. STL          | .69" X 1.66" X 48" MAX.                  |
| 17   | -              | -                                                                                                                                                               | -                        | -                                        |
| 18   | AS NEEDED      | CAULK BUTYL RUBBER OR SILICONE                                                                                                                                  | SEE SHT. 16              | -                                        |
| 19   | 1              | 19A) TOP CAP GALV. (OPTIONAL)<br>19B) 18 GA DOOR FLUSH TOP CAP                                                                                                  | .020" MIN. STL           | MAX. 48"                                 |
| 20   | -              | -                                                                                                                                                               | -                        | -                                        |
| 21   | -              | -                                                                                                                                                               | -                        | -                                        |
| 22   | 1              | ASA STRIKE                                                                                                                                                      | -                        | -                                        |
| 23   | AS NEEDED      | 18 GAUGE LOUVER CUTOUT REINFORCEMENT                                                                                                                            | -                        | 0.5" MIN. X 1.66" X 35.5"W & 75.5"H MAX. |
| 24   | -              | -                                                                                                                                                               | -                        | -                                        |
| 25   | 1              | DOOR SLAB                                                                                                                                                       | SEE SHT. 8               | -                                        |

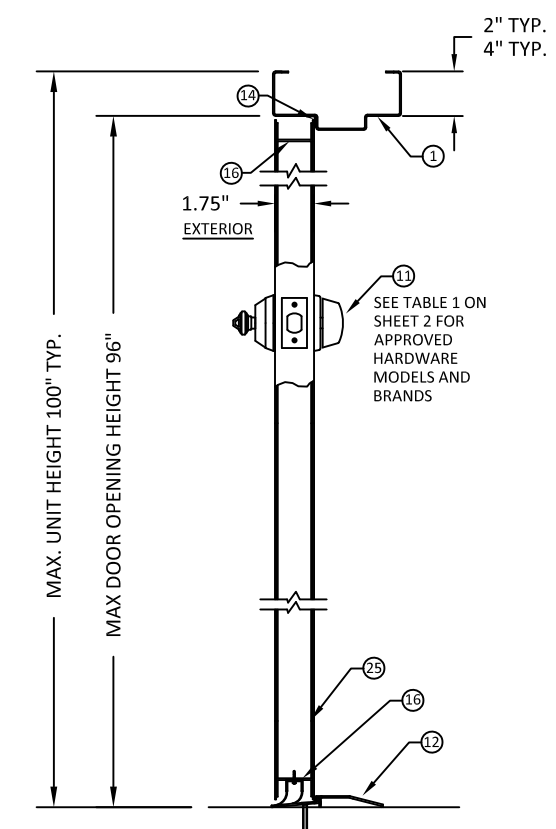




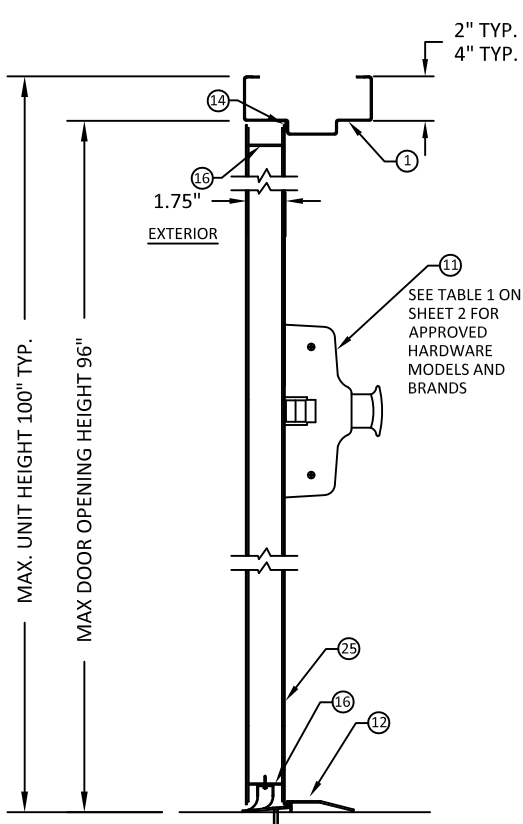
MORTISE LOCKSET  
SECTION: B-B CONFIG 1 & 2



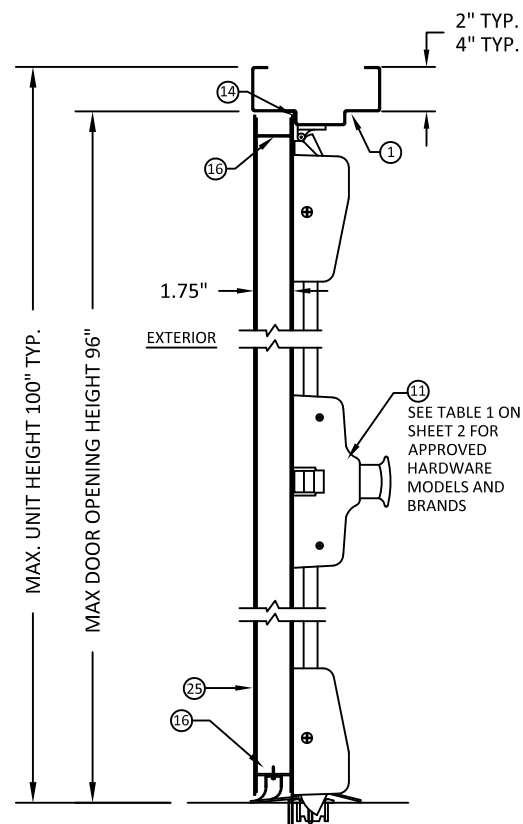
CYLINDRICAL LOCKSET  
SECTION: B-B CONFIG 3 & 4



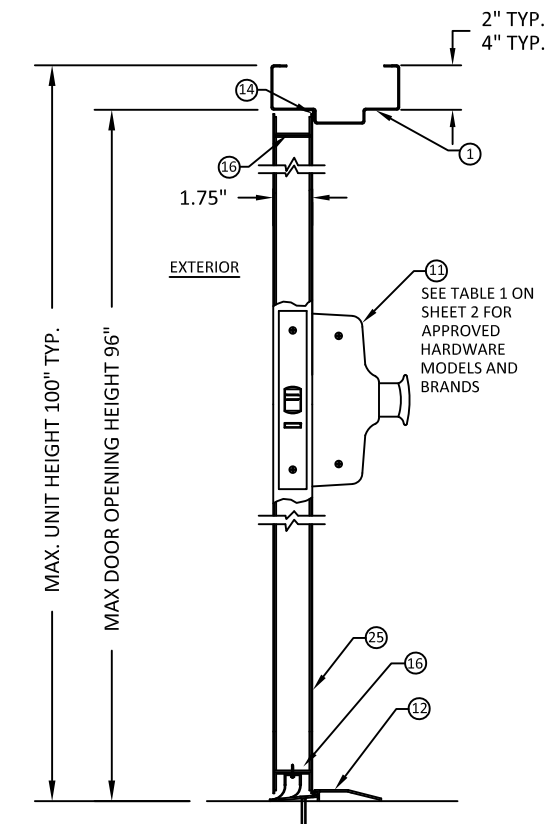
CYLINDRICAL DEADLOCK  
SECTION B-B CONFIG 5



RIM EXIT DEVICE  
SECTIONS B-B CONFIG 6



THREE-POINT EXIT DEVICE  
SECTION B-B CONFIG 7



MORTISE EXIT DEVICE  
SECTION B-B CONFIG 8



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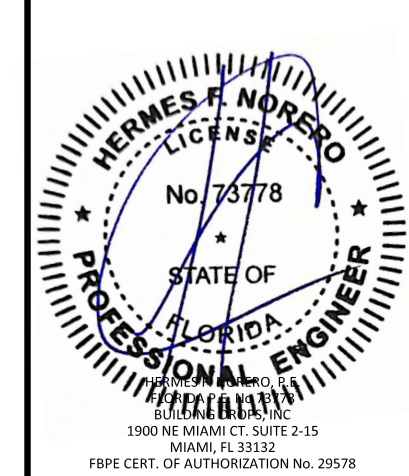
TITLE: LOUVERED OUTSWING/INSWING  
COMMERCIAL STEEL  
SINGLE DOOR SYSTEMS  
(NON-HVHZ)(NON-IMPACT)  
DOOR & FRAME OUTSWING  
VERTICAL SECTION VIEWS

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



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|-------------------|----|----------|
| LOCK ADDITION     | MG | 10.16.23 |
| MPP/ANCHOR UPDATE | SH | 06.13.24 |
| LOCK UPDATE       | JA | 09.09.24 |
| MISC UPDATE       | DI | 12.06.25 |

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FL10356

|          |          |
|----------|----------|
| DATE:    | 04.24.23 |
| DWG. BY: | DI       |
| CHK. BY: | HFN      |
| SCALE:   | NTS      |
| DWG. #:  | LSDA330  |
| SHEET:   |          |

4



ALLEGION - SCHLAGE LOCK COMPANY, LLC.  
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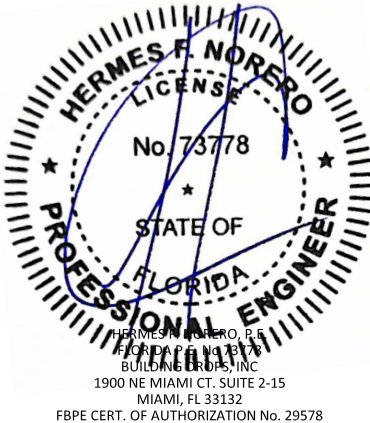
TITLE: LOUVERED OUTSWING/INSWING  
COMMERCIAL STEEL  
SINGLE DOOR SYSTEMS  
(NON-HVHZ)(NON-IMPACT)  
DOOR & FRAME INSWING  
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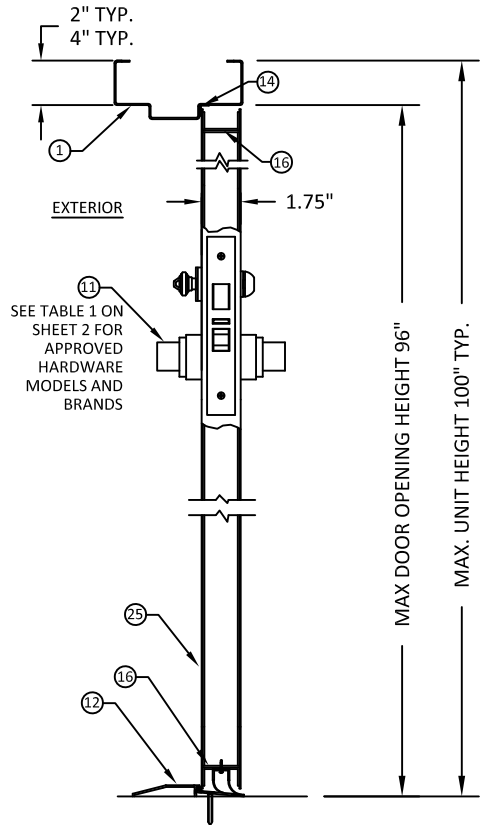
SCALE: NTS

DWG. #: LSDA330

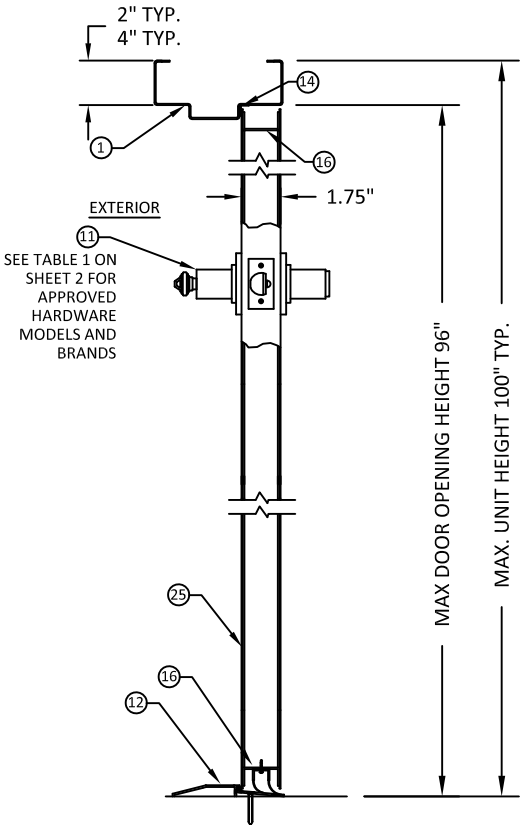
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5

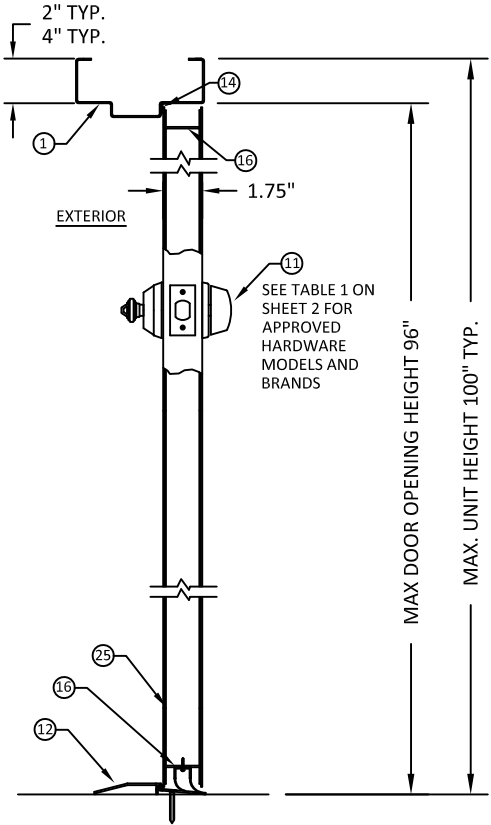
OF 28



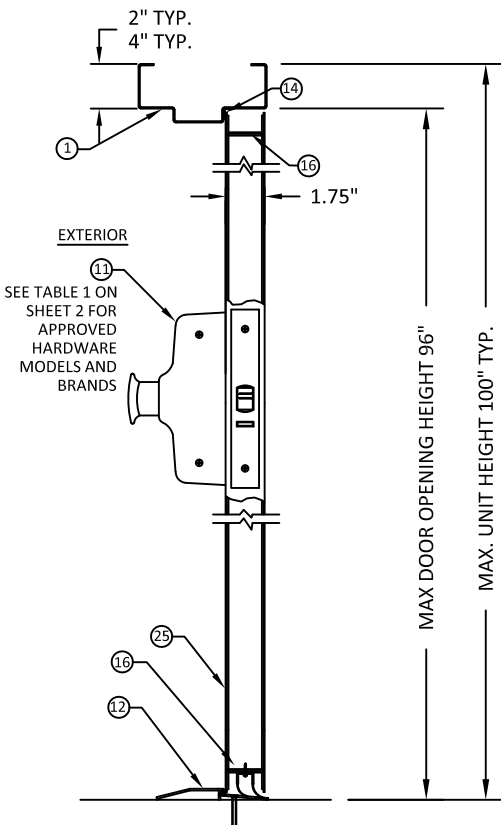
MORTISE LOCKSET  
SECTION: B-B CONFIG 1 & 2



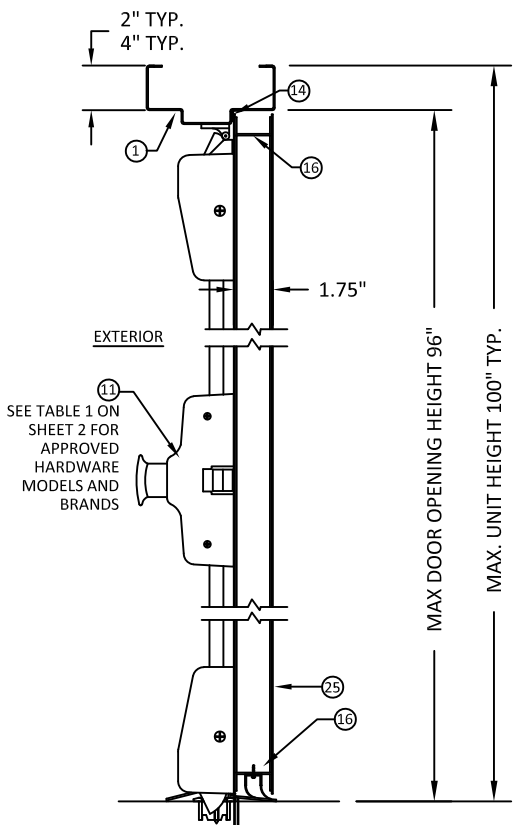
CYLINDRICAL LOCKSET  
SECTION: B-B CONFIG 3 & 4



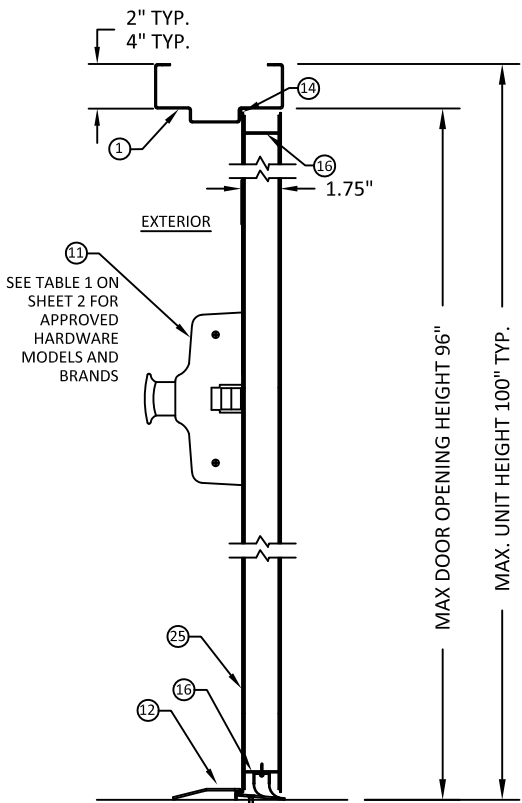
CYLINDRICAL DEADLOCK  
SECTION B-B CONFIG 5



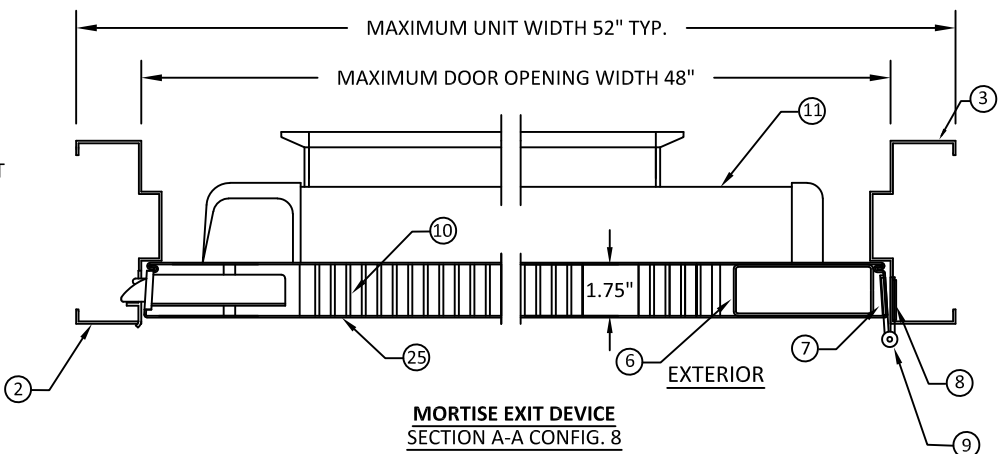
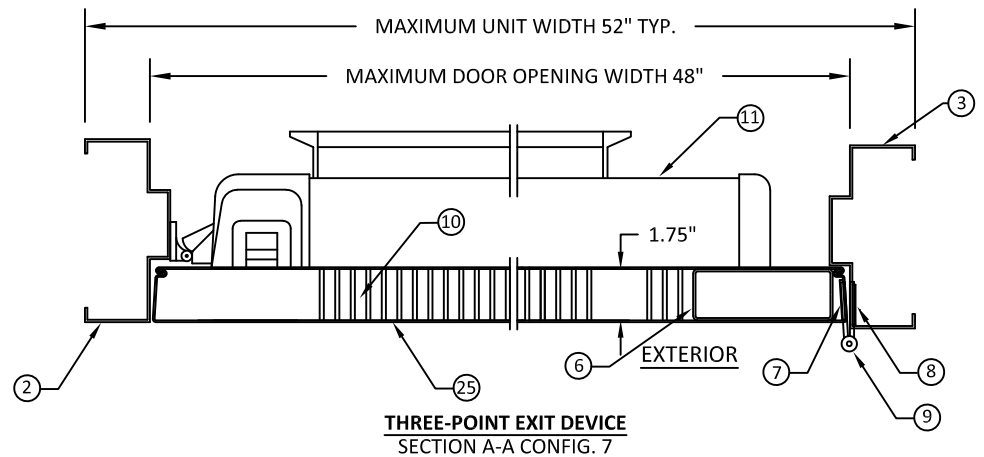
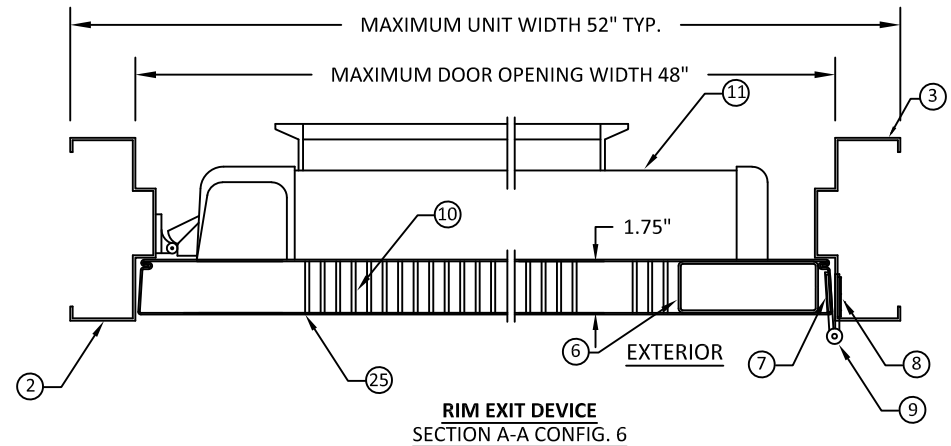
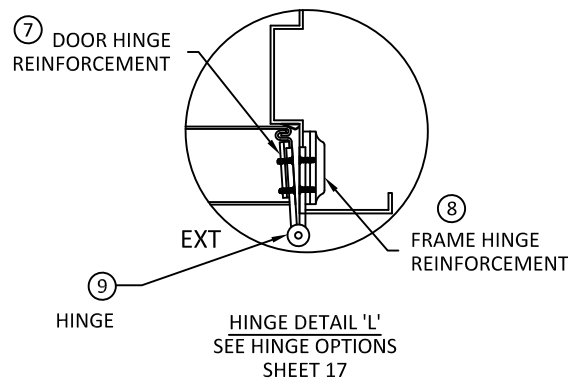
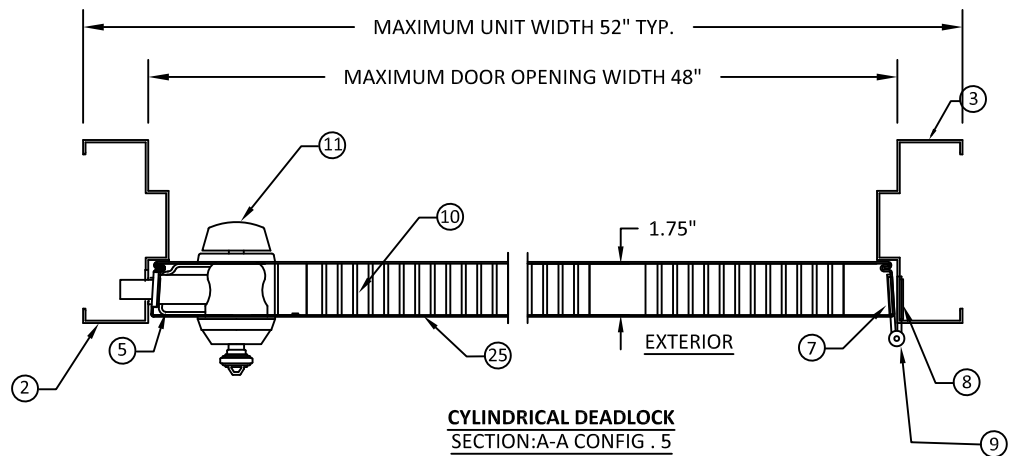
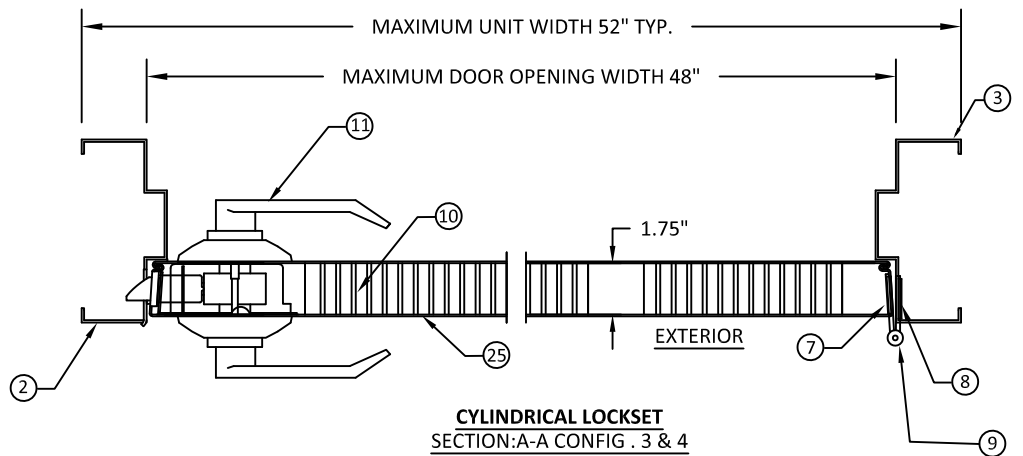
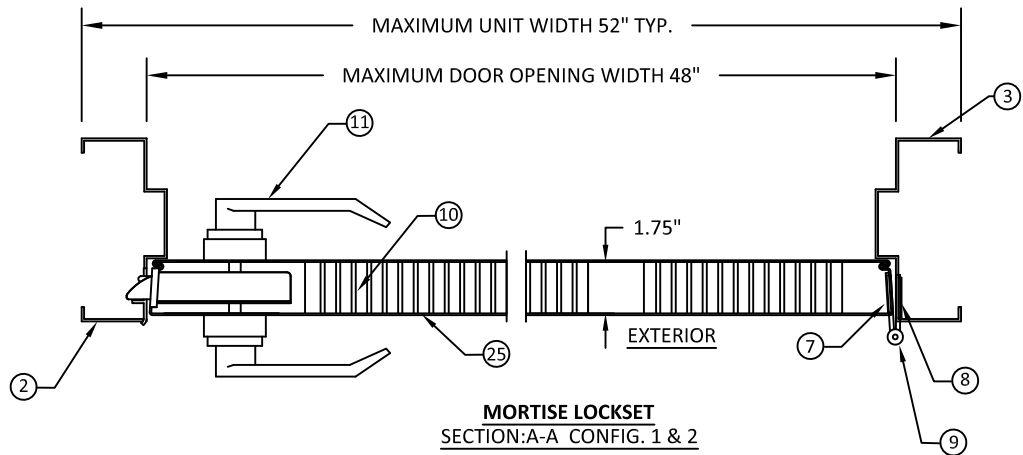
RIM EXIT DEVICE  
SECTIONS B-B CONFIG 6



THREE-POINT EXIT DEVICE  
SECTION B-B CONFIG 7



RIM EXIT DEVICE  
SECTIONS B-B CONFIG 6



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**FL10356**

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DWG. BY: **DI** CHK. BY: **HFN**

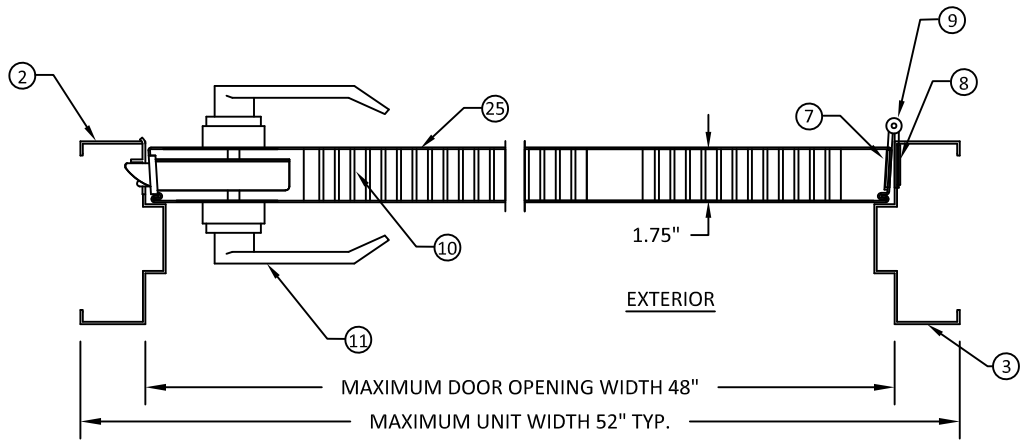
SCALE: **NTS**

DWG. #: **LSDA330**

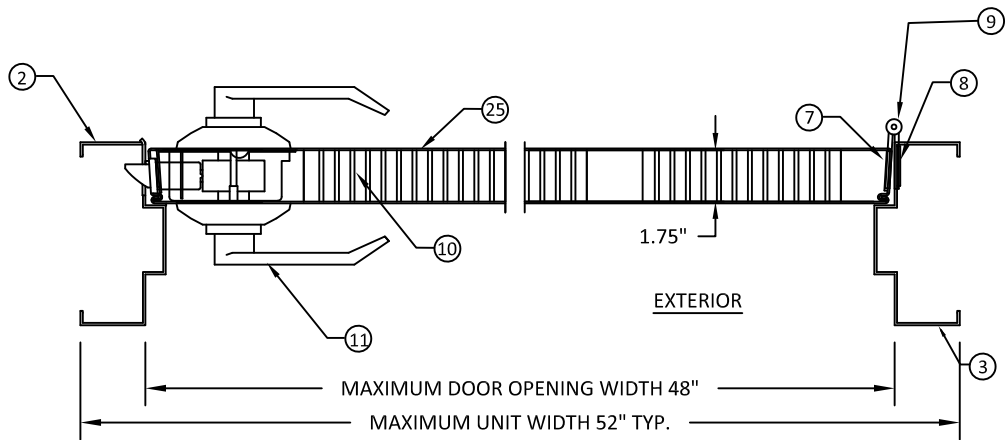
SHEET:

**6**

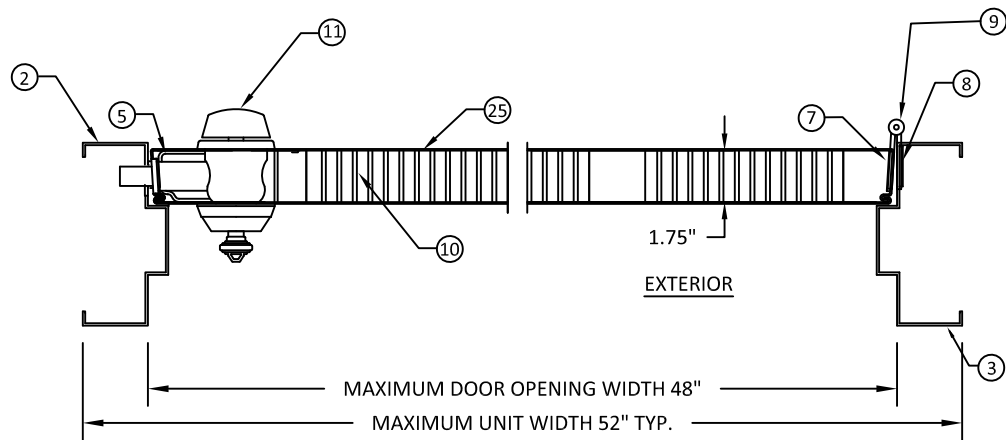
OF 28



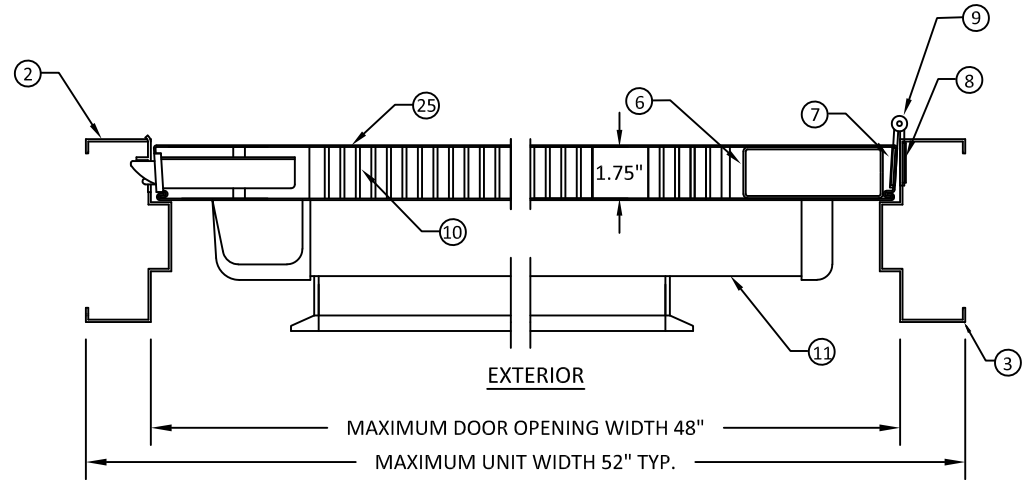
**MORTISE LOCKSET**  
SECTION:A-A CONFIG. 1 & 2



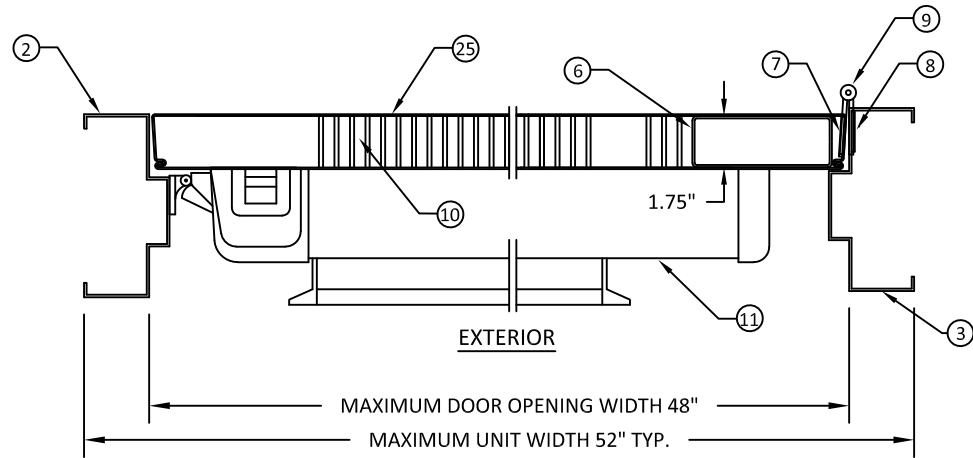
**CYLINDRICAL LOCKSET**  
SECTION:A-A CONFIG. 3 & 4



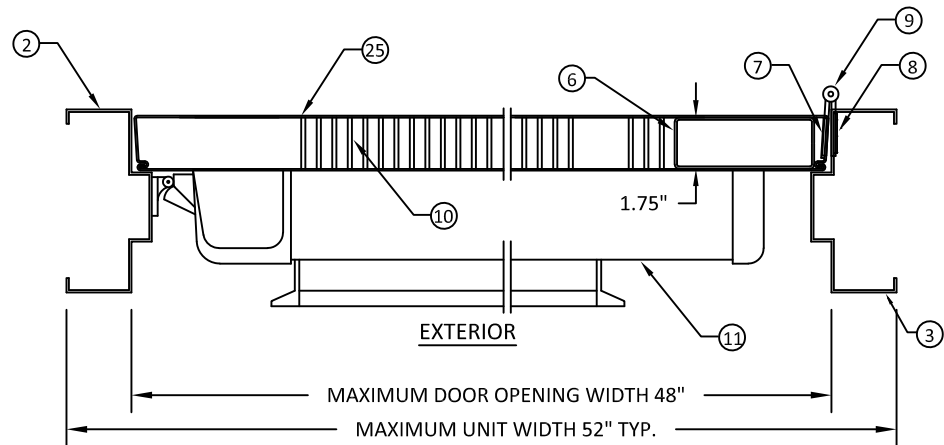
**CYLINDRICAL DEADLOCK**  
SECTION:A-A CONFIG. 5



**MORTISE EXIT DEVICE**  
SECTION A-A CONFIG. 8



**THREE-POINT EXIT DEVICE**  
SECTION A-A CONFIG. 7



**RIM EXIT DEVICE**  
SECTION A-A CONFIG. 6



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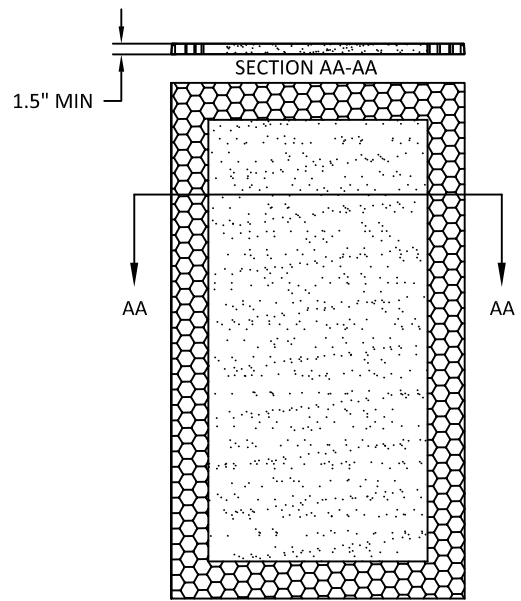
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DWG. #: **LSDA330**

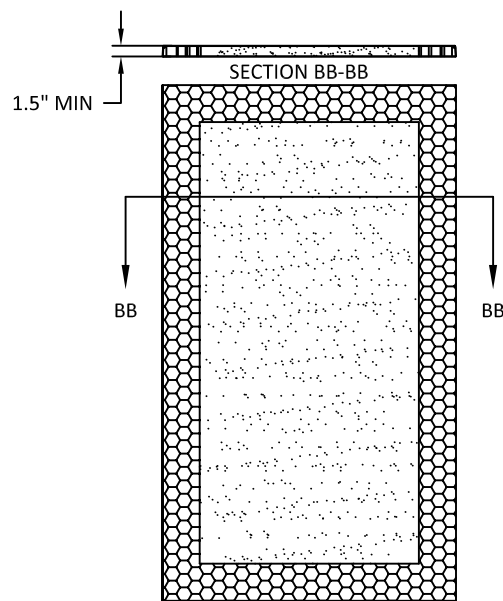
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**7**

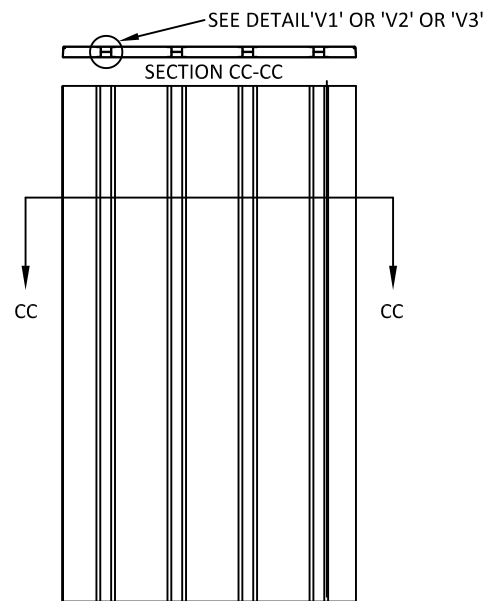
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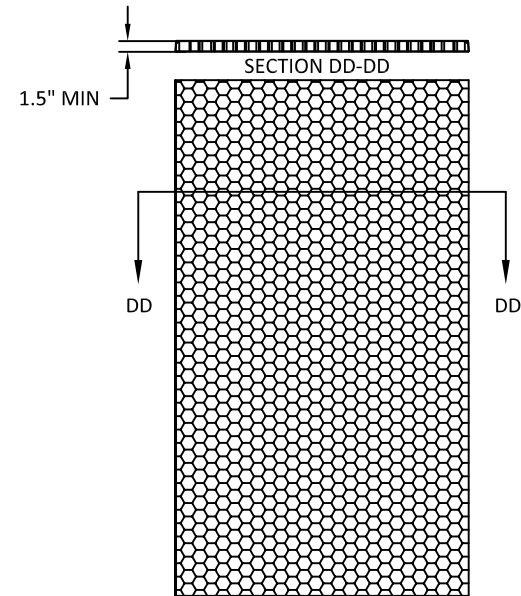
(A) EXPANDED POLYSTYRENE FOAM  
DENSITY: 1.0 LBS/FT<sup>3</sup>



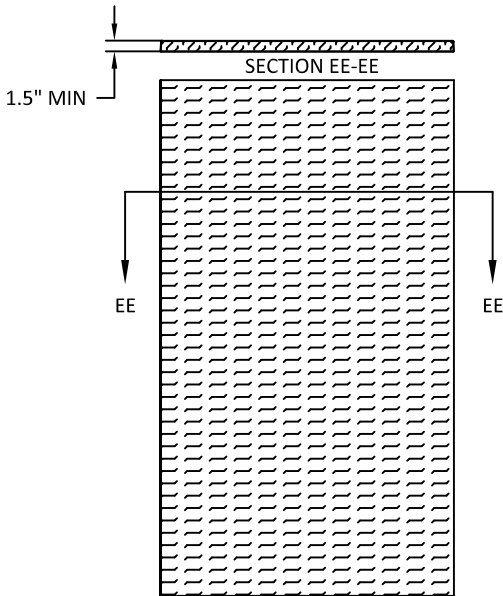
(B) POLYISOCYANURATE  
(POLYURETHANE)  
DENSITY: 2 LBS/FT<sup>3</sup>



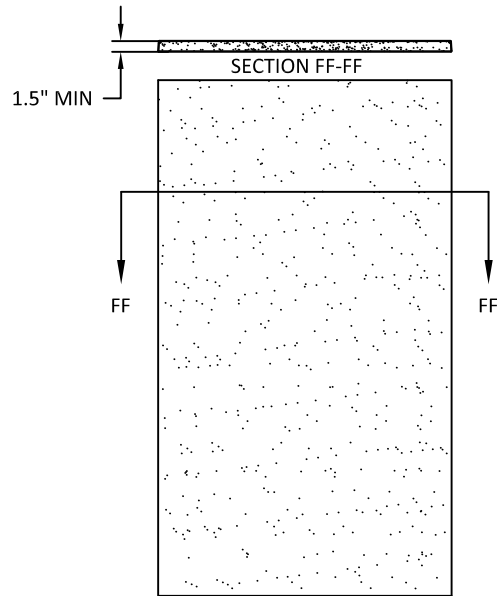
(C) STEEL STIFFENED  
HAT SHAPED SECTIONS



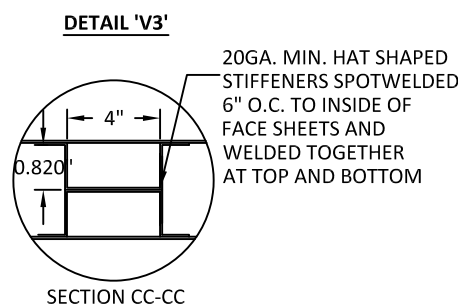
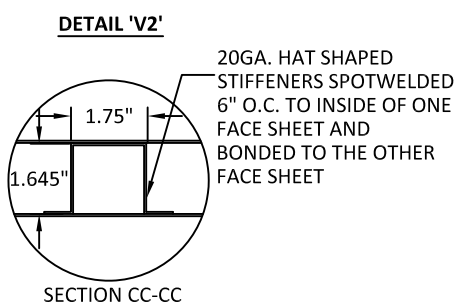
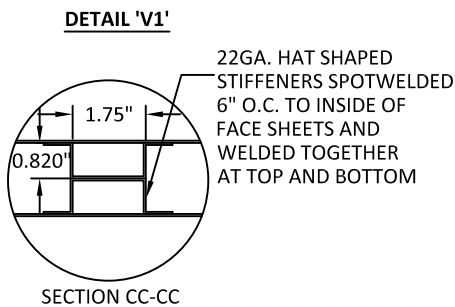
(D) HONEYCOMB  
KRAFT PAPER.



(E) TEMPERATURE RISE CORE  
MINERAL FIBER BOARD  
DENSITY: 1.7 ± 1.5 LBS/FT<sup>3</sup>  
OR  
PSL-P250C-60  
OR  
CALCIUM SILICATE MINERAL CORE



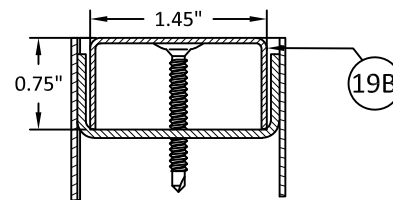
(F) EXPANDED POLYSTYRENE FOAM  
DENSITY: 1.0 LB/FT<sup>3</sup> OR  
POLYISOCYANURATE (POLYURETHANE)  
DENSITY: 2 LBS/FT<sup>3</sup>



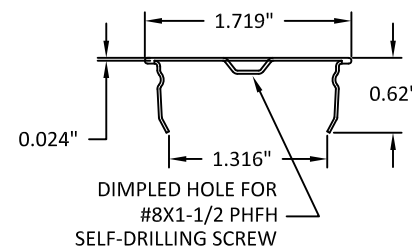
- NOTES:  
1. CORE MATERIAL SHOWN WITHOUT CUTOUTS FOR REINFORCEMENTS  
2. STIFFENER QUANTITY VARIES PER DOOR WIDTH

TABLE 3: AVAILABLE STEELCRAFT DOOR CONFIGURATIONS

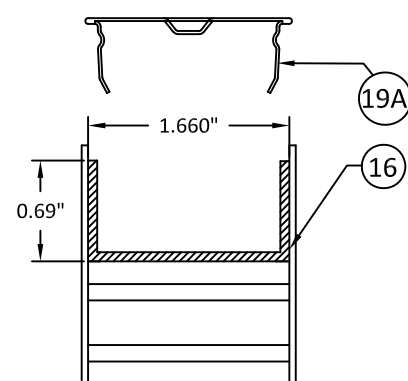
| STEELCRAFT DOOR SERIES | DOOR CORE MATERIAL PER SHT. 8            | MAXIMUM OPENING SIZE |        | SKIN MATERIAL |                                  |
|------------------------|------------------------------------------|----------------------|--------|---------------|----------------------------------|
|                        |                                          | WIDTH                | HEIGHT | DESCR.        | GA./MIN. THK                     |
| L                      | HONEYCOMB<br>POLYSTYRENE<br>POLYURETHANE | 4'-0"                | 8'-0"  | CRS.<br>GALV. | 18/.044"<br>16/.053"<br>14/.067" |
| B                      | STEEL STIFFENED                          | 4'-0"                | 8'-0"  | CRS.<br>GALV. | 18/.044"<br>16/.053"<br>14/.067" |
| SL/SZ                  | HONEYCOMB<br>POLYSTYRENE<br>POLYURETHANE | 4'-0"                | 8'-0"  | CRS.<br>GALV. | 18/.044"<br>16/.053"             |
| T                      | MINERAL FIBER                            | 4'-0"                | 8'-0"  | CRS.<br>GALV. | 18/.044"<br>16/.053"<br>14/.067" |
| CE                     | POLYSTYRENE                              | 4'-0"                | 8'-0"  | GALV.         | 18/.044"<br>16/.053"             |



19B STEELCRAFT: 18 GA  
FLUSH TOP CAP  
(OPTIONAL)



19A STEELCRAFT: 24 GA TOP CAP  
(OPTIONAL)



16 STEELCRAFT: TOP & BOTTOM CHANNEL  
L=FULL DOOR WIDTH  
14 GAUGE



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SINGLE DOOR SYSTEMS  
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DOOR PANEL & CORE DETAILS

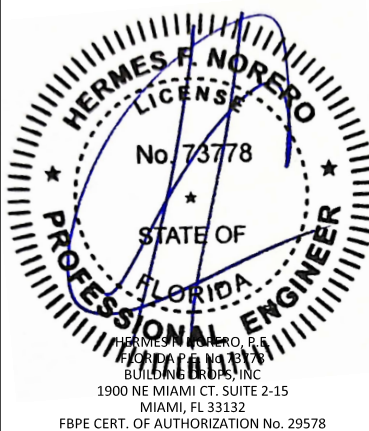
PREPARED BY: BUILDING DROPS, INC.

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DWG. BY: DI

CHK. BY: HFN

SCALE: NTS

DWG. #: LSDA330

SHEET:

8

OF 28

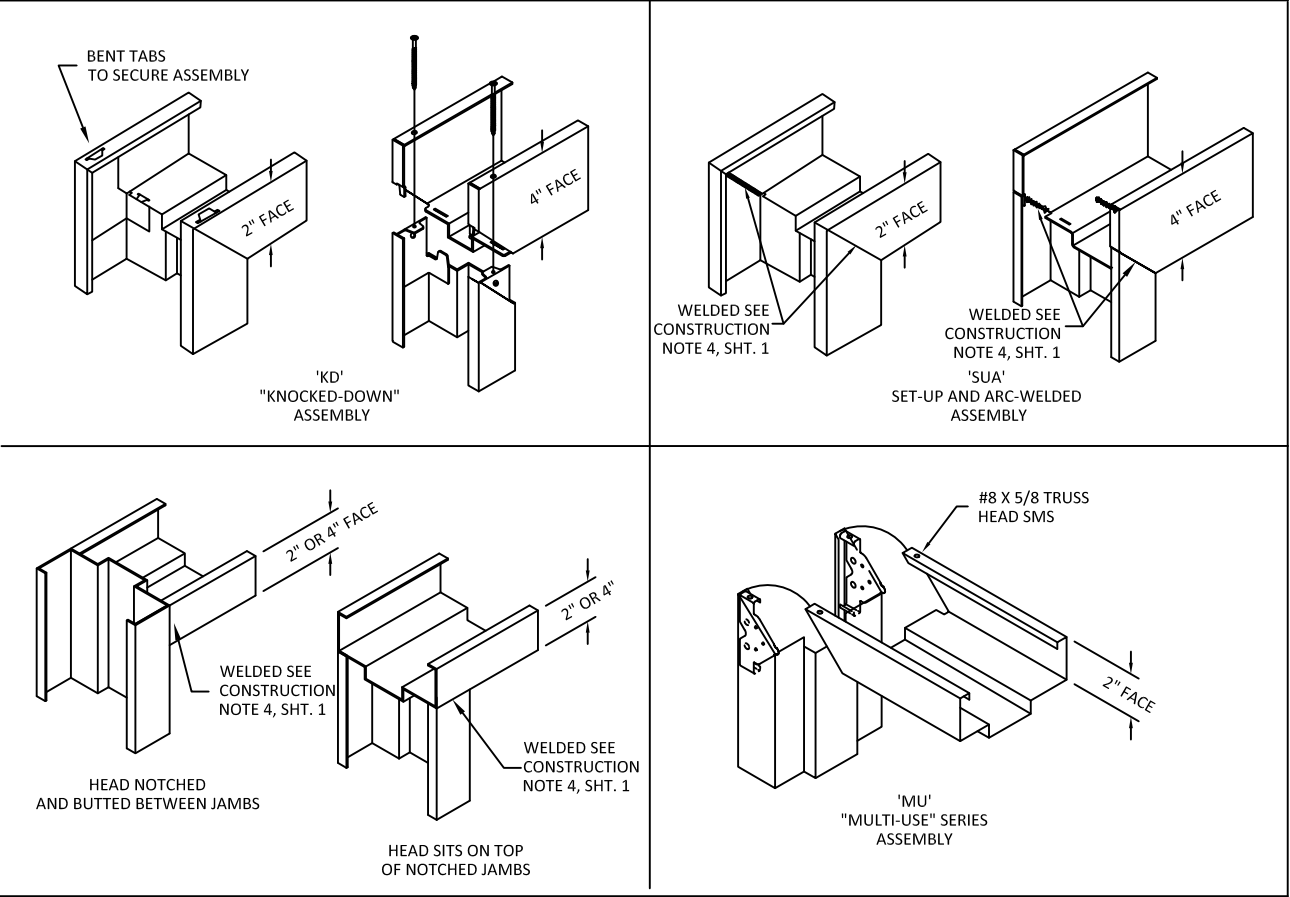
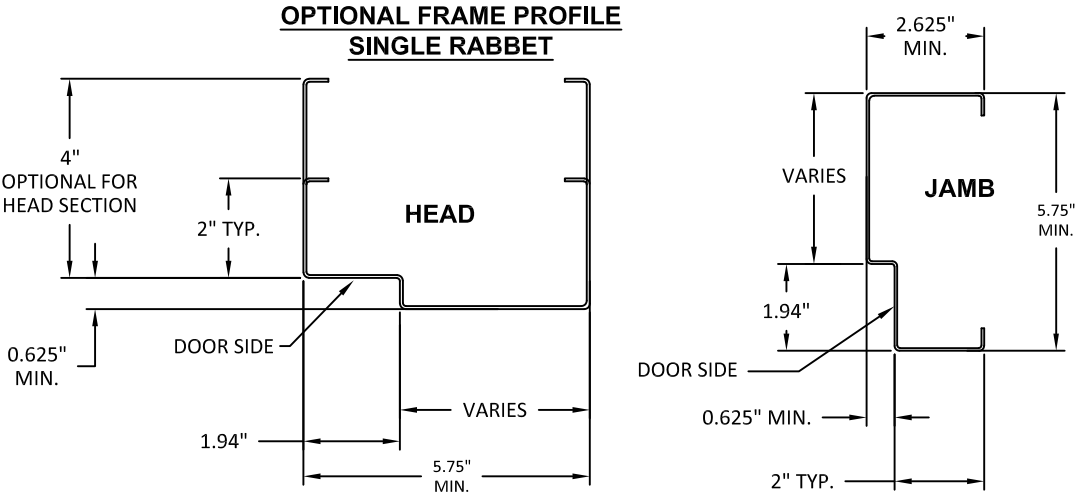
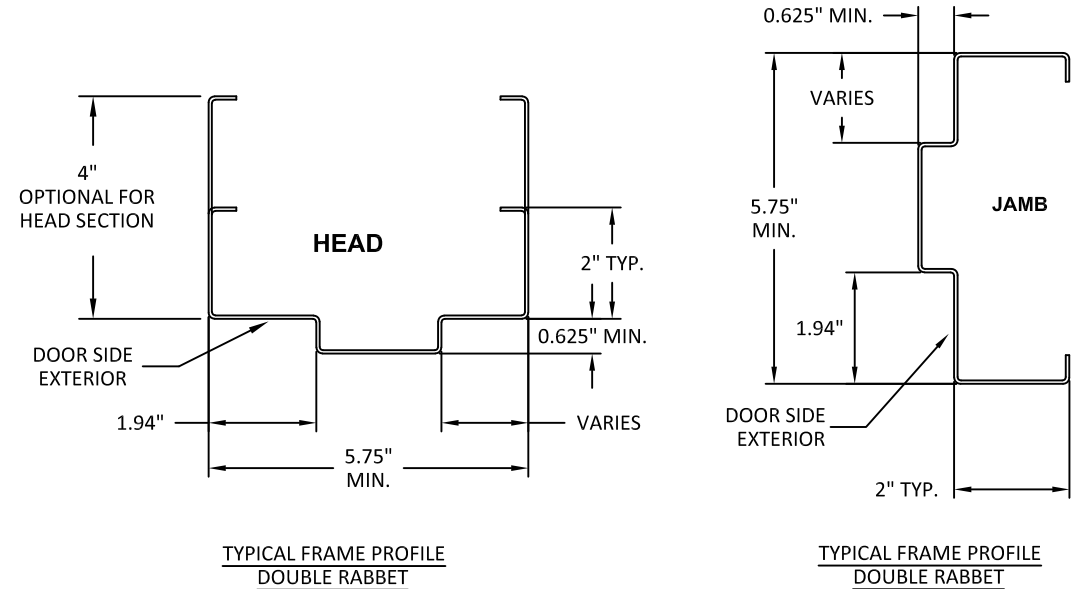


TABLE 4: AVAILABLE STEELCRAFT FRAME CONFIGURATIONS

| FRAME SERIES | JAMB DEPTH | MAX. OPENING SIZE |        | MATERIAL     |                                  |
|--------------|------------|-------------------|--------|--------------|----------------------------------|
|              |            | WIDTH             | HEIGHT | DESCR.       | GA./MIN. THK                     |
| F            | 5.75" MIN. | 4'0"              | 8'0"   | CRS/HRS GALV | 16/.053"<br>14/.067"<br>12/.099" |
| MU           | 5.75" MIN. | 4'0"              | 8'0"   | CRS/HRS GALV | 16/.053"<br>14/.067"             |

TABLE 5: STEEL MECHANICAL PROPERTIES

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



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COMMERCIAL STEEL  
SINGLE DOOR SYSTEMS  
(NON-HVHZ/(NON-IMPACT))  
STEELCRAFT: FRAME DETAILS &  
CORNER CONSTRUCTION

PREPARED BY:  
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CHK. BY:  
HFN

SCALE: NTS

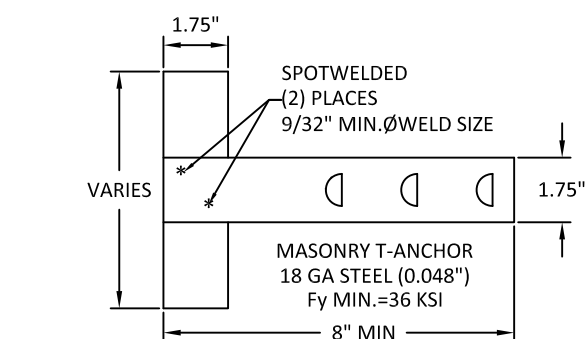
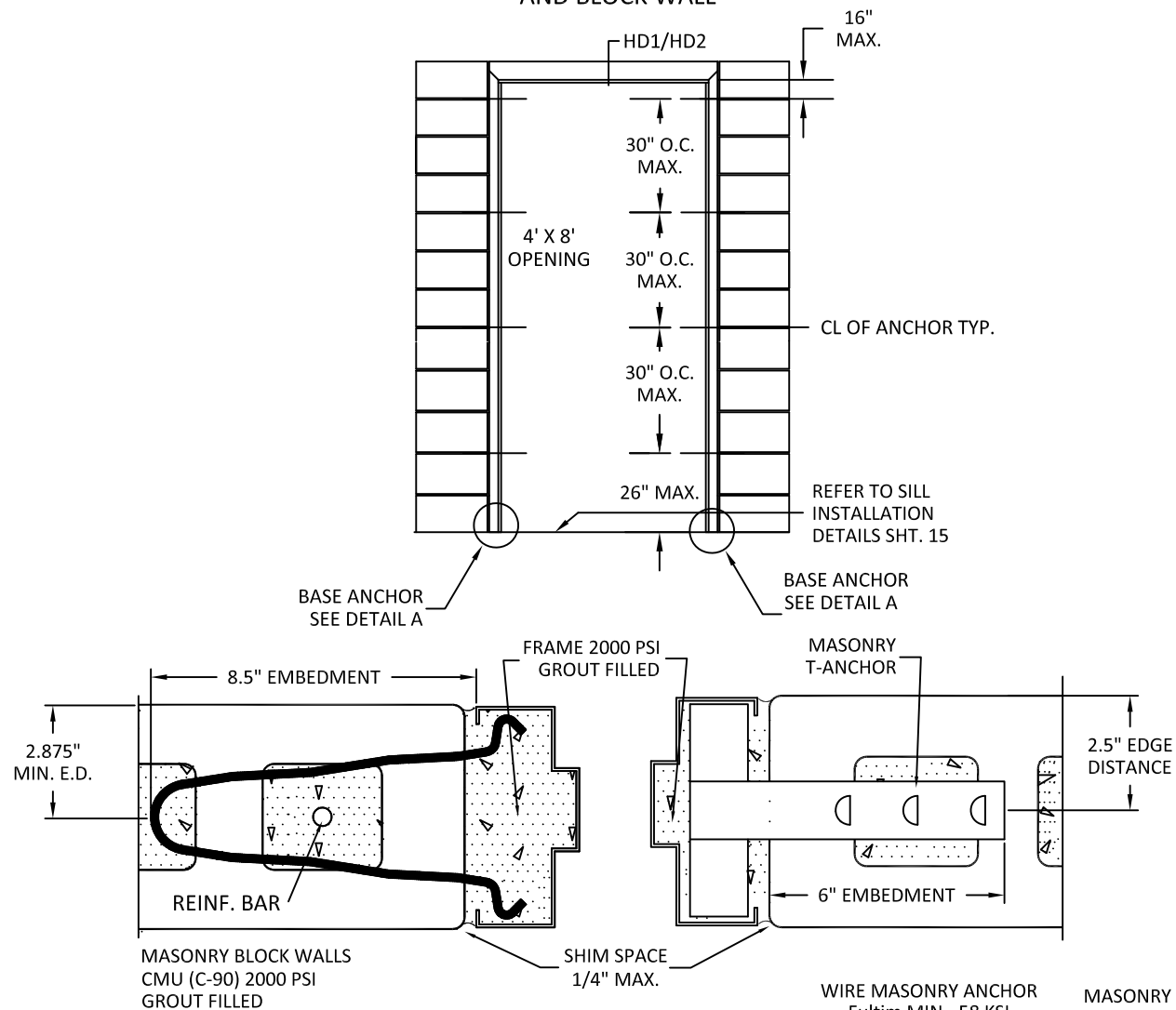
DWG. #: LSDA330

SHEET:

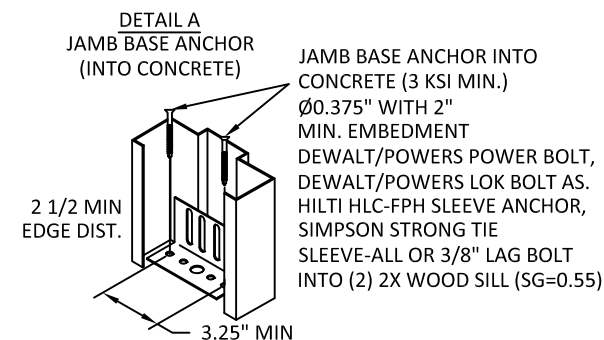
9

**A**

**WIRE OR T MASONRY ANCHOR  
INTO GROUT FILLED FRAME  
AND BLOCK WALL**



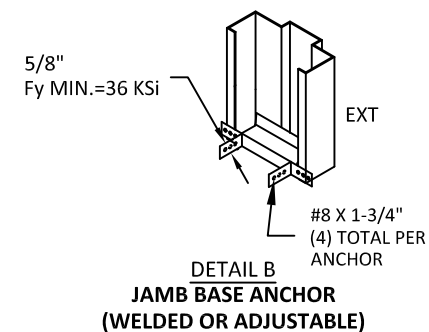
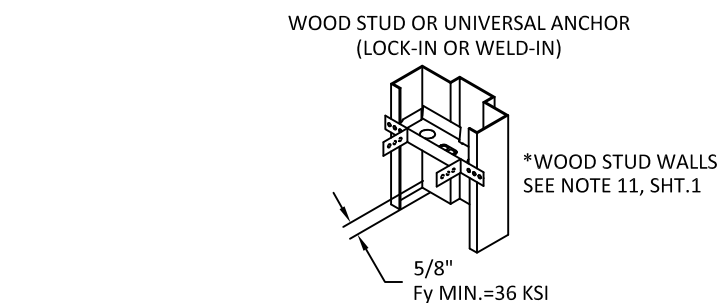
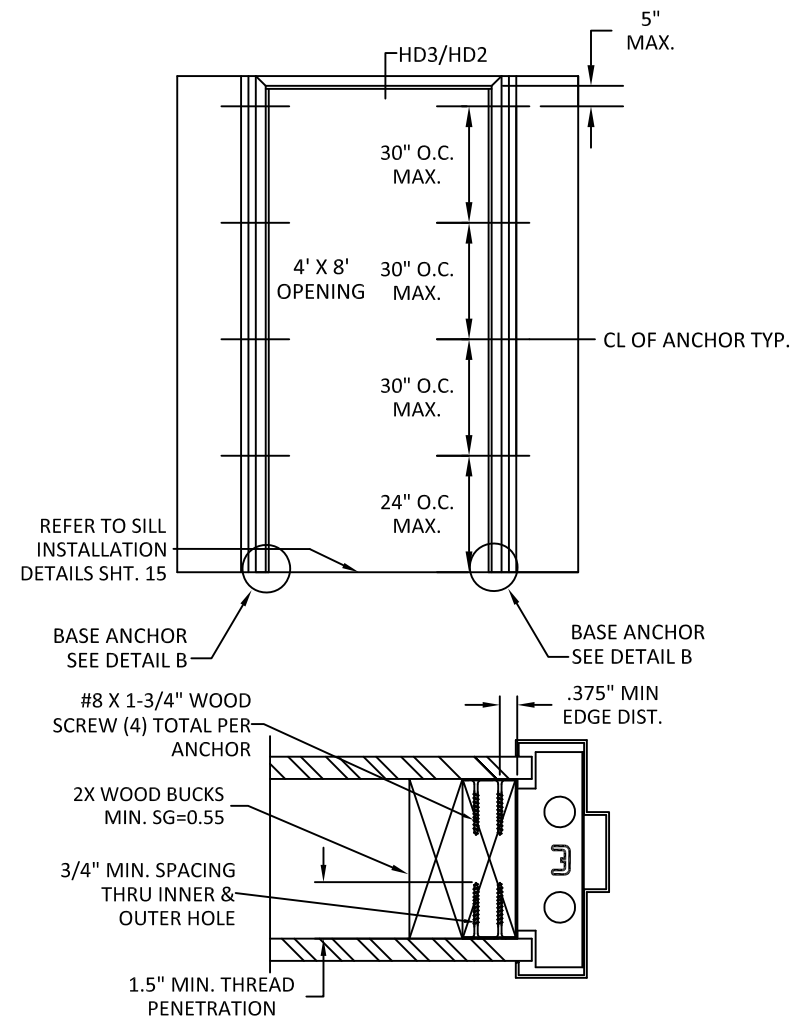
**NOTES:**  
 1.(\*)WOOD OR (\*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 108 #/FT. LOAD FOR ASSEMBLIES RATED @ 50 PSF.  
 2.NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.  
 3.SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR SILICONE CAULK  
 4.INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR SILICONE CAULK FULL LENGTH OF SILL  
 5.THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS. IF INSTALLATION DEVIATES FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR REVIEW AND APPROVAL BY THE LOCAL AHJ.



**B**

**WOOD STUD ANCHOR**

SEE PAGE 23 FOR  
OPTION 2 ANCHOR DETAILS



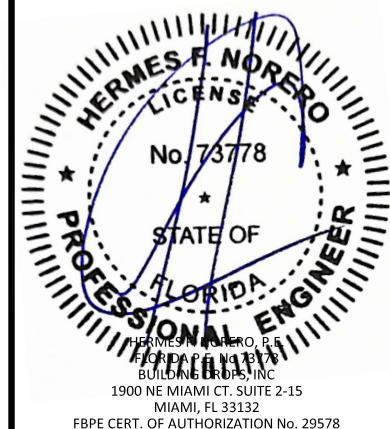
**ALLEGION - SCHLAGE LOCK COMPANY, LLC.**  
 11819 N. PENNSYLVANIA STREET  
 CARMEL, IN 46032  
 PH: (317) 715-4073

**TITLE:** LOUVERED OUTSWING/INSWING  
 COMMERCIAL STEEL  
 SINGLE DOOR SYSTEMS  
 (NON-HVHZ)(NON-IMPACT)  
 STEELCRAFT: ANCHORS - WIRE OR  
 T MASONRY ANCHOR & WOOD STUD

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

| REMARKS           | BY | DATE     |
|-------------------|----|----------|
| LOCK ADDITION     | MG | 10.16.23 |
| MPP/ANCHOR UPDATE | SH | 06.13.24 |
| LOCK UPDATE       | JA | 09.09.24 |
| MISC UPDATE       | DI | 12.06.25 |

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**FL10356**

DATE: **04.24.23**

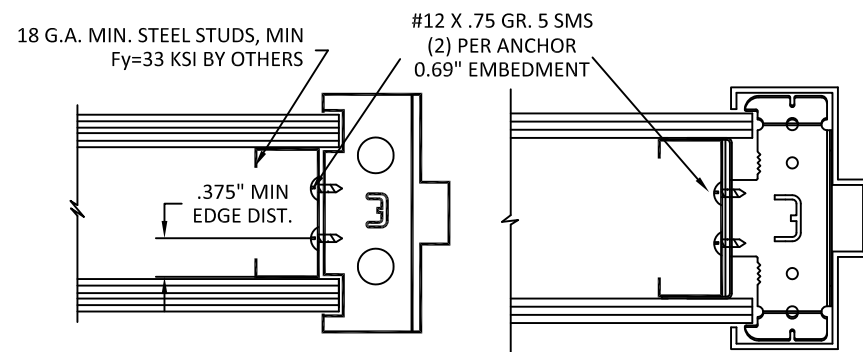
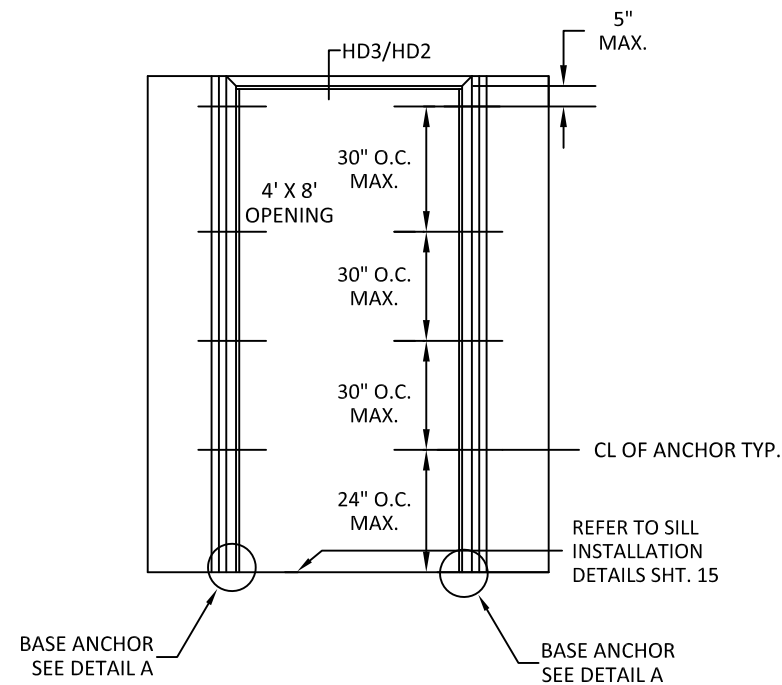
DWG. BY: **DI** CHK. BY: **HFN**

SCALE: **NTS**

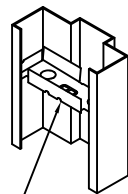
DWG. #: **LSDA330**

SHEET: **10** OF 28

**C** STEEL STUD ANCHOR

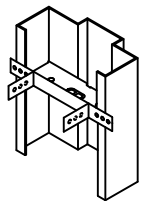


STEEL STUD ANCHOR WELD-IN OR LOCK-IN



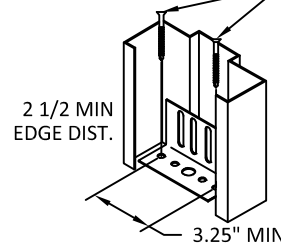
Fy MIN.=36 KSI

UNIVERSAL ANCHOR WELD-IN OR LOCK-IN



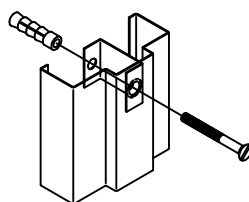
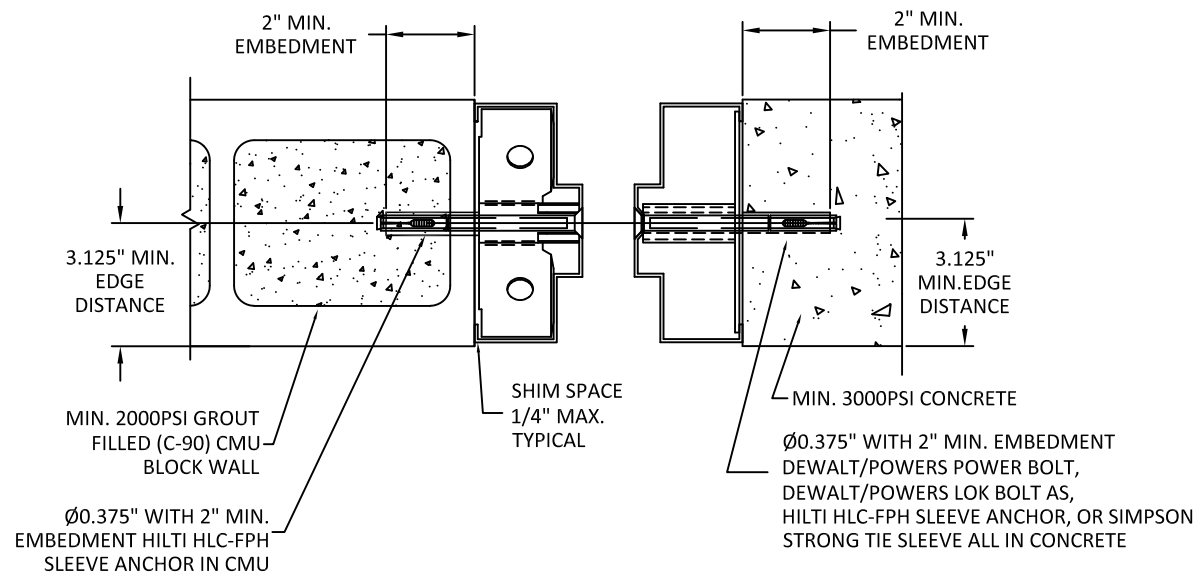
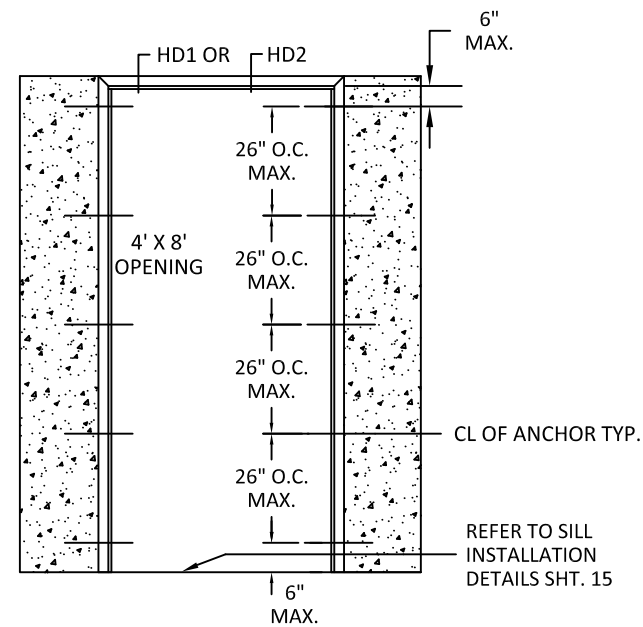
\*STEEL STUD WALLS SEE NOTE 11, SHT. 1

DETAIL A JAMB BASE ANCHOR (INTO CONCRETE)

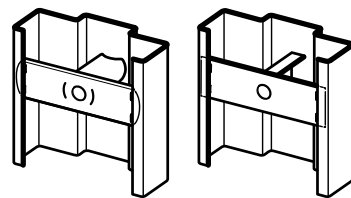


JAMB BASE ANCHOR INTO CONCRETE (3 KSI MIN.) Ø0.375" WITH 2" MIN. EMBEDMENT DEWALT/POWERS POWER BOLT, DEWALT/POWERS LOK BOLT AS, HILTI HLC-FPH SLEEVE ANCHOR, SIMPSON STRONG TIE SLEEVE-ALL OR 3/8" LAG BOLT INTO (2) 2X WOOD SILL (SG=0.55)

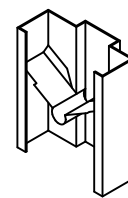
**D** EXISTING MASONRY ANCHOR (EMA) INTO CONCRETE WALL OR CMU



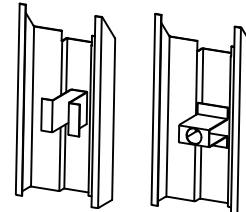
EMA-U ANCHOR



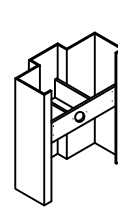
TUBE/CHANNEL & PLATE BOLT-IN



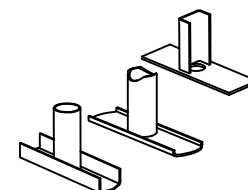
LOCK-IN



EMA ANCHOR



WELD-IN



TUBE & PLATE WELD-IN EMA ANCHOR

NOTES:  
1.(\*)WOOD OR (\*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 108 #/FT. LOAD FOR ASSEMBLIES RATED @ 50 PSF.  
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4.INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR SILICONE CAULK FULL LENGTH OF SILL  
5.THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS. IF INSTALLATION DEVIATES FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR REVIEW AND APPROVAL BY THE LOCAL AHJ.

SEE PAGE 24 FOR OPTION 2 ANCHOR DETAILS



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

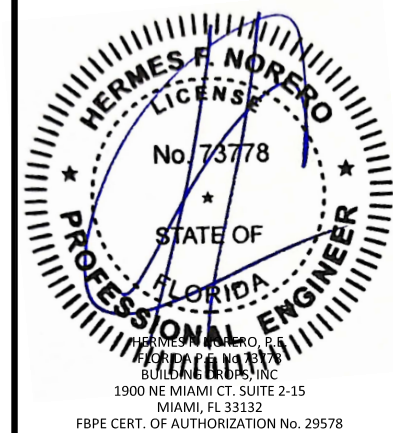
TITLE: LOUVERED OUTSWING/INSWING  
COMMERCIAL STEEL  
SINGLE DOOR SYSTEMS  
(NON-HVHZ)(NON-IMPACT)  
STEELCRAFT: ANCHORS - STEEL STUD &  
EMA INTO CONCRETE WALL OR CMU

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



| REMARKS           | BY | DATE     |
|-------------------|----|----------|
| LOCK ADDITION     | MG | 10.16.23 |
| MPP/ANCHOR UPDATE | SH | 06.13.24 |
| LOCK UPDATE       | JA | 09.09.24 |
| MISC UPDATE       | DI | 12.06.25 |

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FL10356

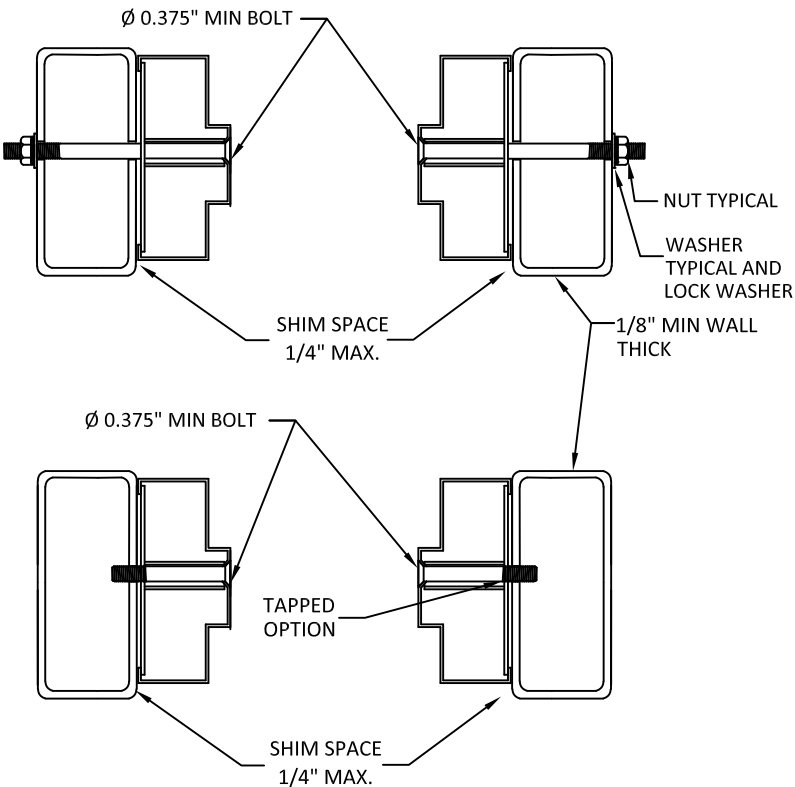
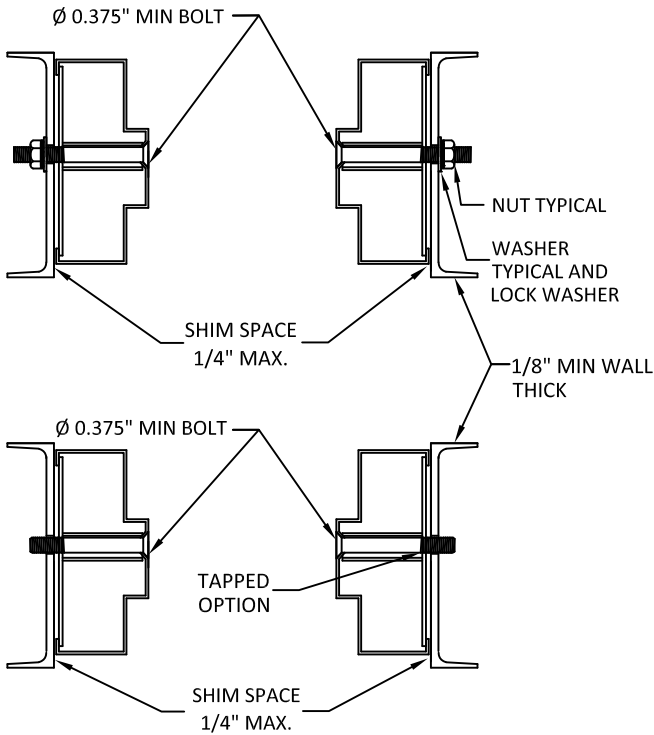
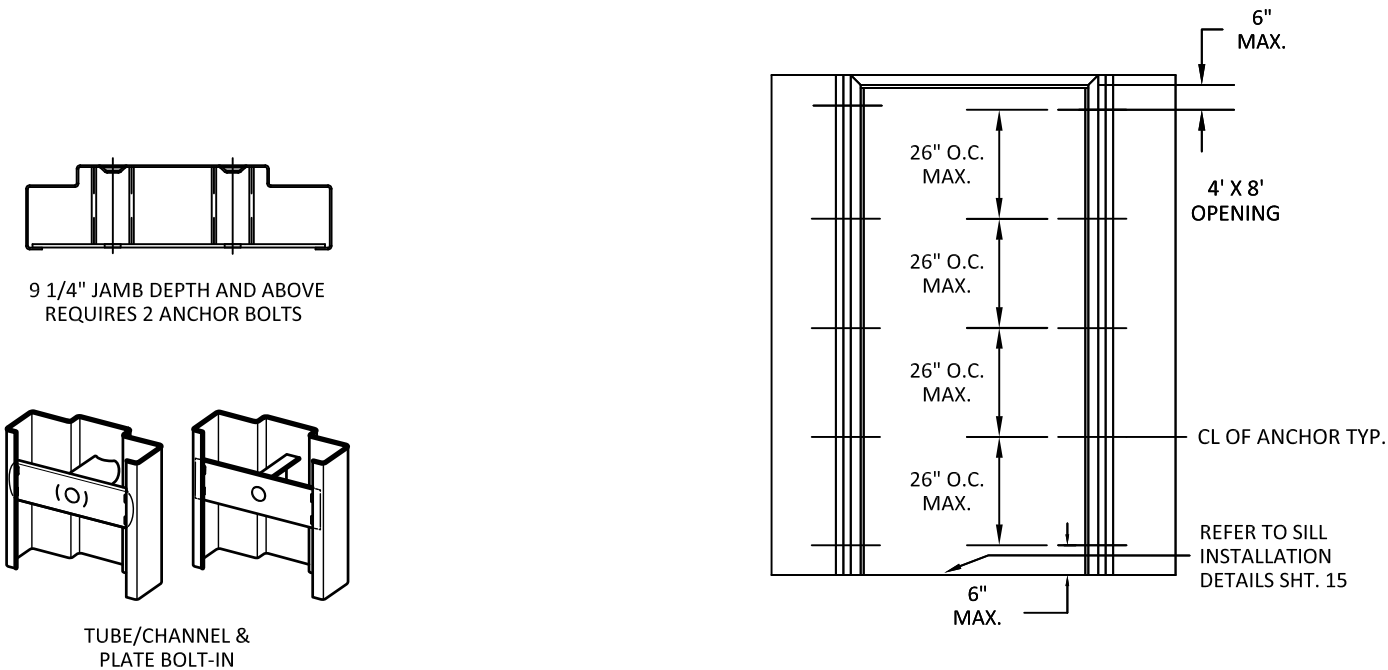
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| DATE:    | 04.24.23 |
| DWG. BY: | DI       |
| CHK. BY: | HFN      |
| SCALE:   | NTS      |
| DWG. #:  | LSDA330  |

SHEET:  
**11**  
OF 28



G

FRAMES BOLTED TO BUILDING STRUCTURE



NOTE:  
1. 3/8" BOLTS AND NUTS 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 AT LEAST 108 #/FT. LOAD FOR ASSEMBLIES RATED @ 50 PSF.  
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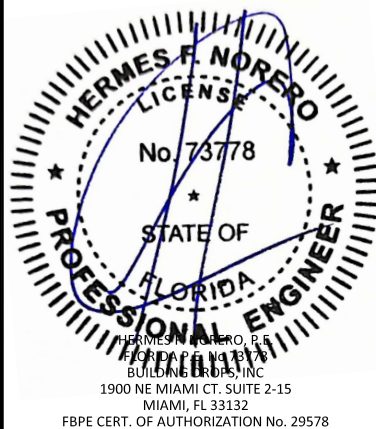
ALLEGION - SCHLAGE LOCK COMPANY, LLC.  
11819 N. PENNSYLVANIA STREET  
CARMEL, IN 46032  
PH: (317) 715-4073

TITLE: LOUVERED OUTSWING/INSWING  
COMMERCIAL STEEL  
SINGLE DOOR SYSTEMS  
(NON-HVHZ)(NON-IMPACT)  
STEELCRAFT: ANCHORS - FRAMES  
BOLTED TO BUILDING STRUCTURE

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FAX: (954)744-4738  
WEB: www.buildingdrops.com

| REMARKS           | BY | DATE     |
|-------------------|----|----------|
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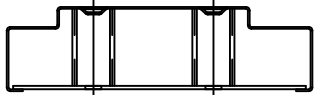


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| FL10356         |              |
| DATE: 04.24.23  |              |
| DWG. BY: DI     | CHK. BY: HFN |
| SCALE: NTS      |              |
| DWG. #: LSDA330 |              |
| SHEET: 13 OF 28 |              |

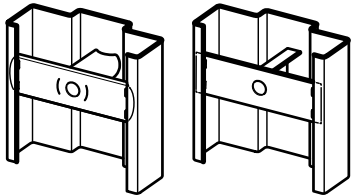


WELDED ANCHOR  
SHIM OR STEEL BUILDING  
STRUCTURE

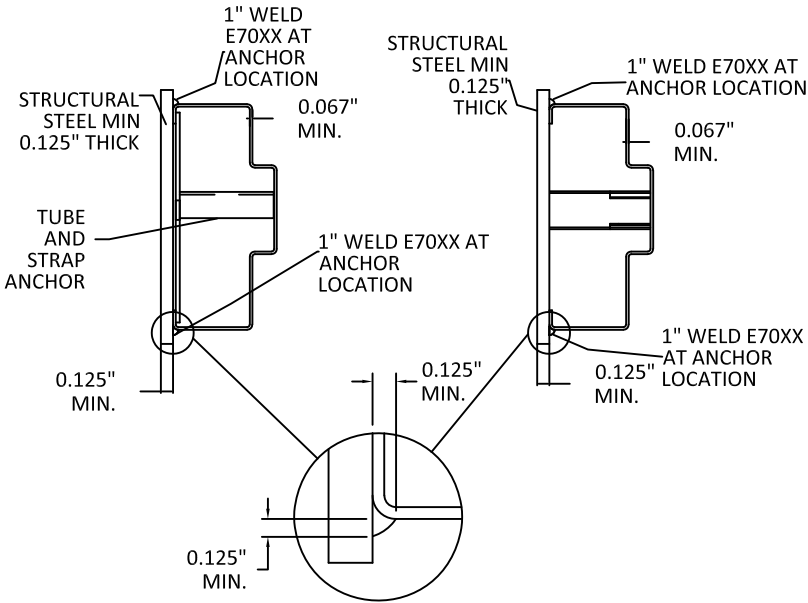
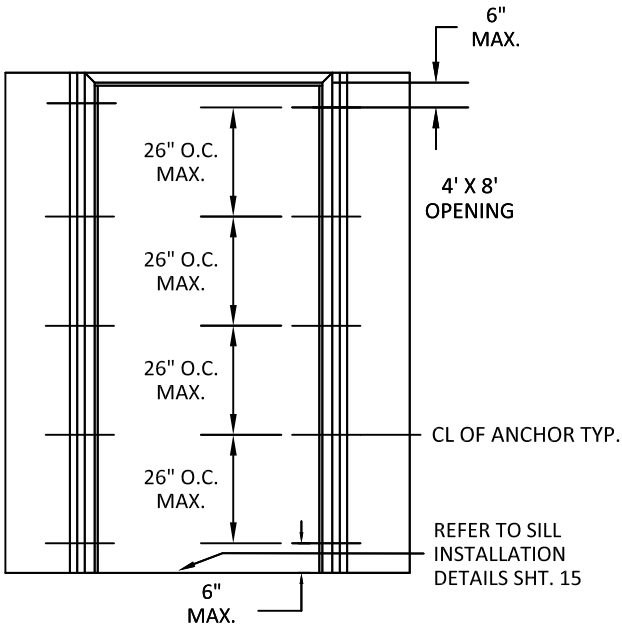
SEE PAGE 27 FOR  
OPTION 2 ANCHOR DETAILS



9 1/4" JAMB DEPTH AND ABOVE  
REQUIRES 2 ANCHOR BOLTS



TUBE/CHANNEL &  
PLATE BOLT-IN



- NOTES:
- 1.(\*)WOOD OR (\*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 108 #/FT. LOAD FOR ASSEMBLIES RATED @ 50 PSF.
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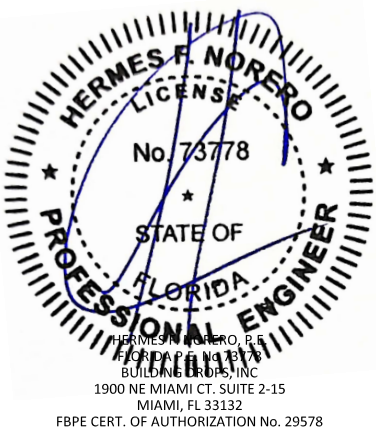
ALLEGION - SCHLAGE LOCK COMPANY, LLC.  
11819 N. PENNSYLVANIA STREET  
CARMEL, IN 46032  
PH: (317) 715-4073

TITLE: LOUVERED OUTSWING/INSWING  
COMMERCIAL STEEL  
SINGLE DOOR SYSTEMS  
(NON-HVHZ)(NON-IMPACT)  
STEELCRAFT: ANCHORS - FRAMES  
WELDED TO STEEL STRUCTURE BUILDING

PREPARED BY:  
**BUILDING DROPS, INC.**  
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FL10356

DATE: 04.24.23

DWG. BY: DI  
CHK. BY: HFN

SCALE: NTS

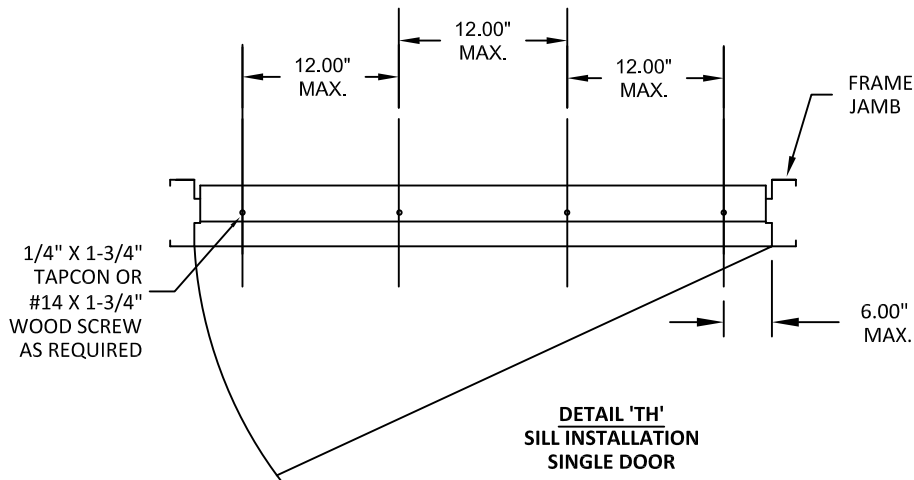
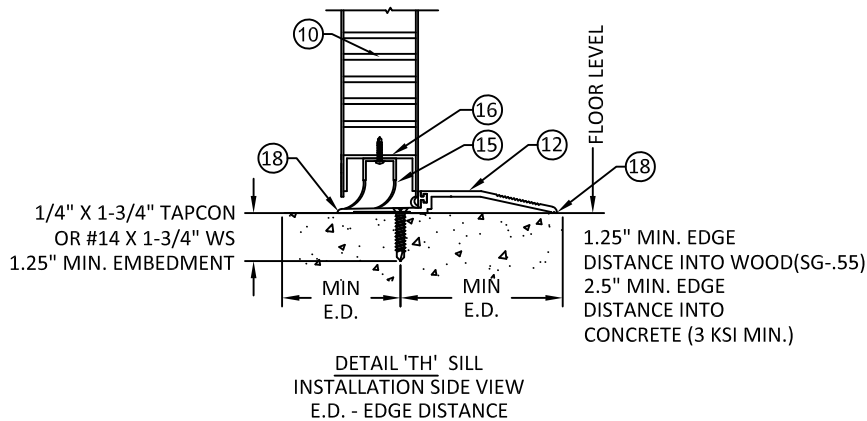
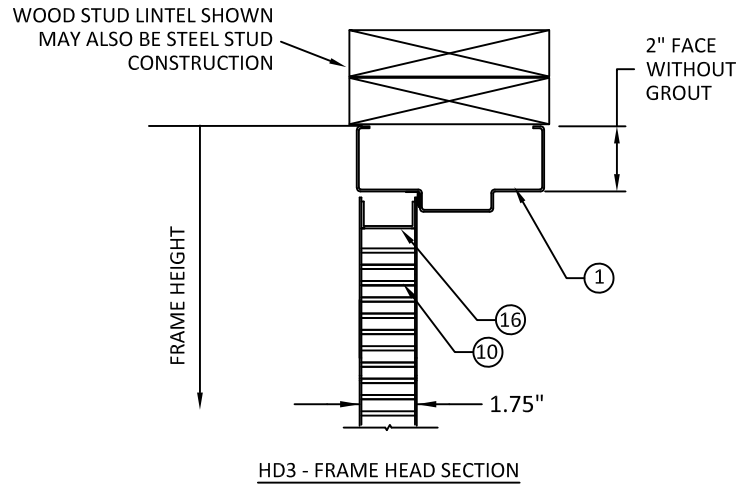
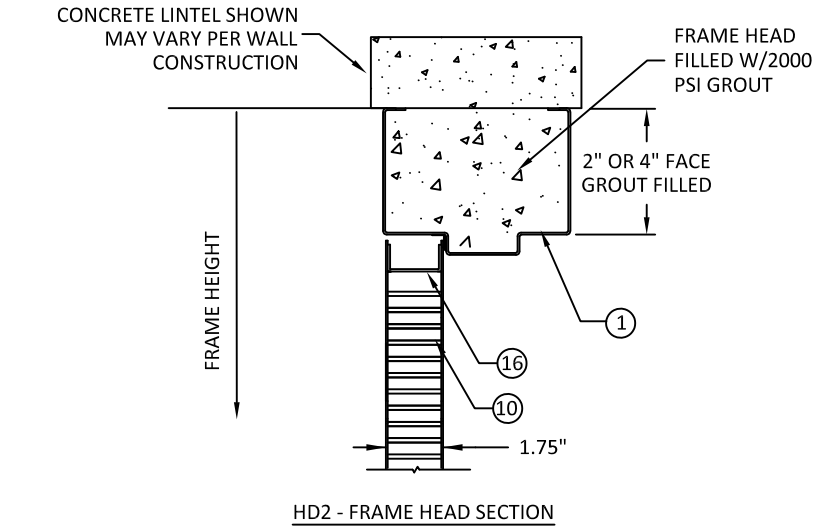
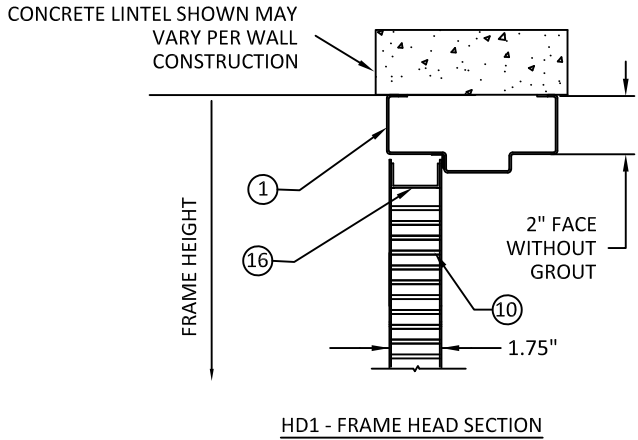
DWG. #: LSDA330

SHEET:

14

OF 28

SEE PAGE 28 FOR  
OPTION 2 ANCHOR DETAILS



NOTES:

- 1.NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
- 2.SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR SILICONE CAULK
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ALLEGION - SCHLAGE LOCK COMPANY, LLC.  
11819 N. PENNSYLVANIA STREET  
CARMEL, IN 46032  
PH: (317) 715-4073

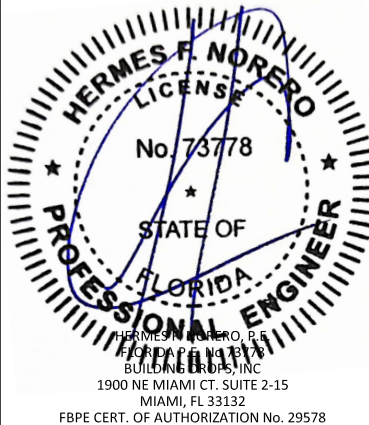
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COMMERCIAL STEEL  
SINGLE DOOR SYSTEMS  
(NON-HVHZ)(NON-IMPACT)  
STEELCRAFT: FRAME HEAD &  
SILL ANCHOR DETAILS

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MIAMI, FL 33132  
PH: (954)399-8478  
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WEB: www.buildingdrops.com



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FL10356

DATE: 04.24.23

DWG. BY:  
DI

CHK. BY:  
HFN

SCALE: NTS

DWG. #: LSDA330

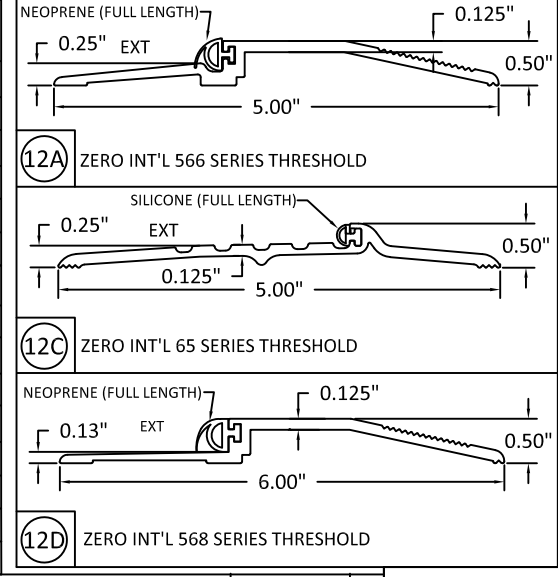
SHEET:

15

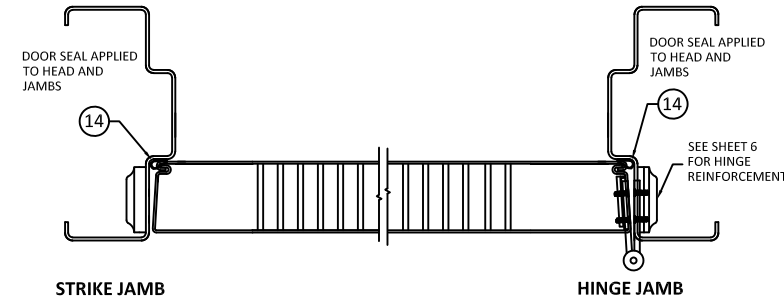
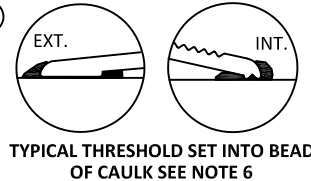
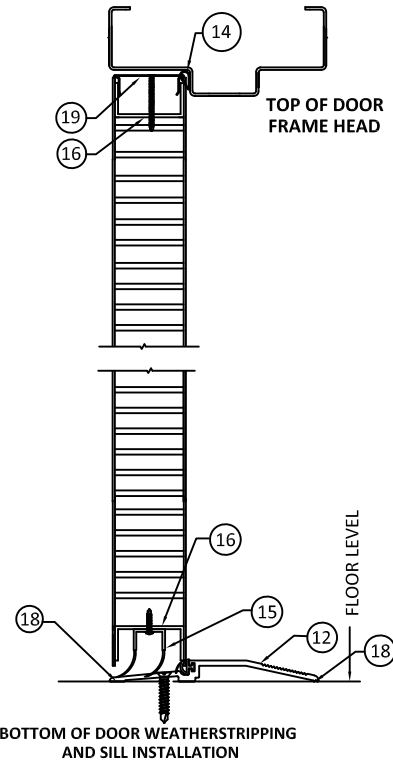
OF 28

TABLE 6.1 NON WATER RATED PERIMETER SEAL HARDWARE - ZERO INT'L THRESHOLDS

| ITEM NUMBER | MODEL NO./ DESCRIPTION | MFG.       |
|-------------|------------------------|------------|
| 12          | 12A 566 THRESHOLD      | ZERO INT'L |
|             | 12C 65 THRESHOLD       | ZERO INT'L |
|             | 12D 568 THRESHOLD      | ZERO INT'L |
|             | 12F 560 THRESHOLD      | ZERO INT'L |
|             | 12G 565 THRESHOLD      | ZERO INT'L |
| 14          | 14A PS074 DOOR SEAL    | STEELCRAFT |
|             | 14B 188S DOOR SEAL     | ZERO INT'L |
|             | 14C 117S DOOR SEAL     | ZERO INT'L |
|             | 14D 8145S DOOR SEAL    | ZERO INT'L |
|             | 14E 8150S DOOR SEAL    | ZERO INT'L |
| 15          | FAS-SEAL SWEEP         | STEELCRAFT |
| 16          | END CHANNEL            | STEELCRAFT |
| 19          | 19A DOOR TOP CAP       | STEELCRAFT |
|             | 19B FLUSH TOP CAP      | STEELCRAFT |



WHEN WATER INFILTRATION IS NOT REQUIRED - MAXIMUM DESIGN PRESSURE 50 PSF FOR MAXIMUM DOOR SIZE OF 4'-0" X 8'-0"



SEE SHEET 6 FOR HINGE REINFORCEMENT

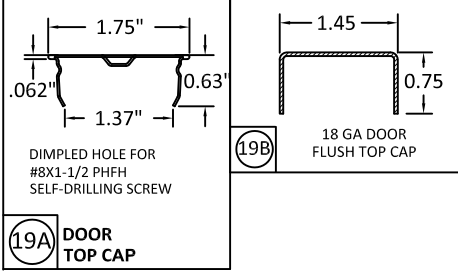
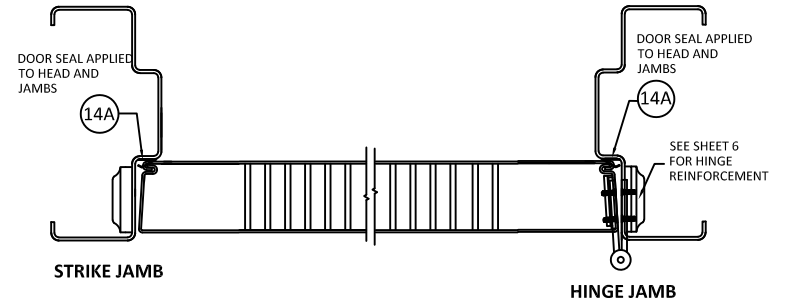
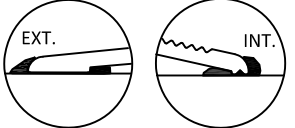
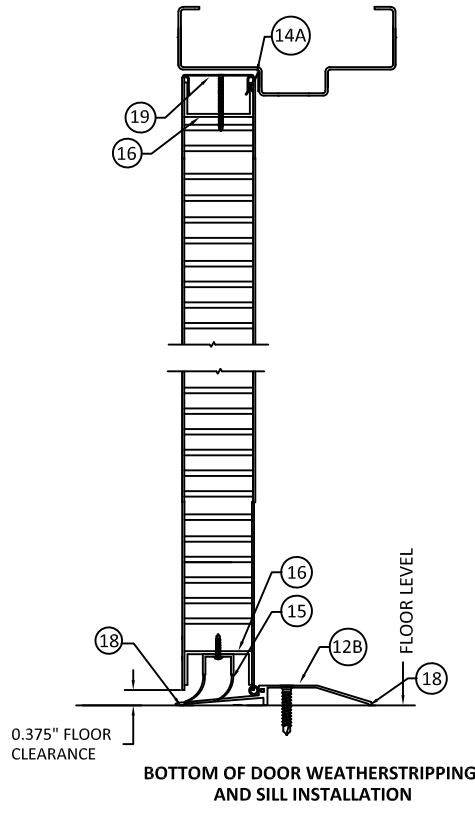


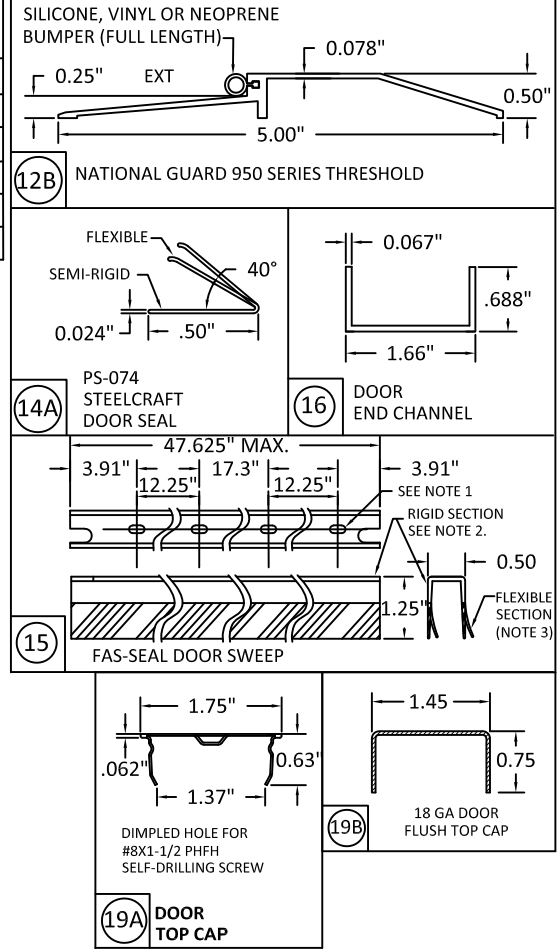
TABLE 6.2 NON WATER RATED PERIMETER SEAL HARDWARE - NGP THRESHOLD 950

| ITEM NUMBER | MODEL NO./ DESCRIPTION | MFG.       |
|-------------|------------------------|------------|
| 12B         | 950 THRESHOLD          | NGP        |
| 14A         | PS074 DOOR SEAL        | STEELCRAFT |
| 15          | FAS-SEAL SWEEP         | STEELCRAFT |
| 16          | END CHANNEL            | STEELCRAFT |
| 19          | 19A DOOR TOP CAP       | STEELCRAFT |
|             | 19B FLUSH TOP CAP      | STEELCRAFT |

WHEN WATER INFILTRATION IS NOT REQUIRED - MAXIMUM DESIGN PRESSURE 50 PSF FOR MAXIMUM DOOR SIZE OF 4'-0" X 8'-0"



SEE SHEET 6 FOR HINGE REINFORCEMENT



- 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 ASSEMBLIES REQUIRE FAS-SEAL DOOR SWEEP (15) AND THRESHOLD (12) AS APPLICABLE.
  5. SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR SILICONE CAULK
  6. INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR SILICONE CAULK FULL LENGTH OF SILL.
  7. REPUBLIC ASSEMBLIES REQUIRE DOOR SEAL (14) AND THRESHOLD (12) AS APPLICABLE
  8. REPUBLIC DOORS HAVE FLUSH TOP DOOR CHANNEL - TOP CAP NOT APPLICABLE.
  9. CONFIGURATION SHOWN APPLY TO BOTH INSWING AND OUTSWING.



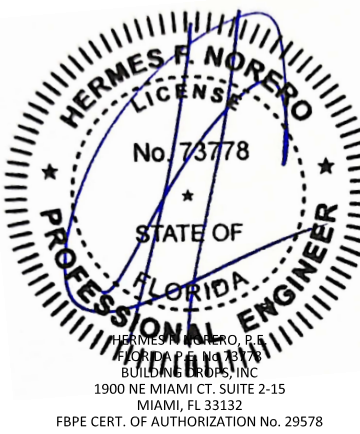
ALLEGATION - SCHLAGE LOCK COMPANY, LLC.  
11819 N. PENNSYLVANIA STREET  
CARMEL, IN 46032  
PH: (317) 715-4073

TITLE: LOUVERED OUTSWING/INSWING  
COMMERCIAL STEEL  
SINGLE DOOR SYSTEMS  
(NON-HVHZ)(NON-IMPACT)  
GASKETING DETAILS FOR  
NO WATER INFILTRATION

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FAX: (954)744-4738  
WEB: www.buildingdrops.com

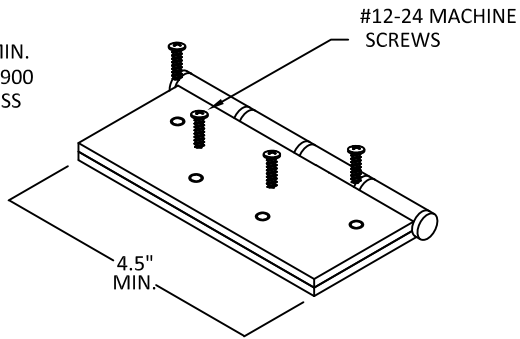
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|-------------------|----|----------|
| LOCK ADDITION     | MG | 10.16.23 |
| MPP/ANCHOR UPDATE | SH | 06.13.24 |
| LOCK UPDATE       | JA | 09.09.24 |
| MISC UPDATE       | DI | 12.06.25 |

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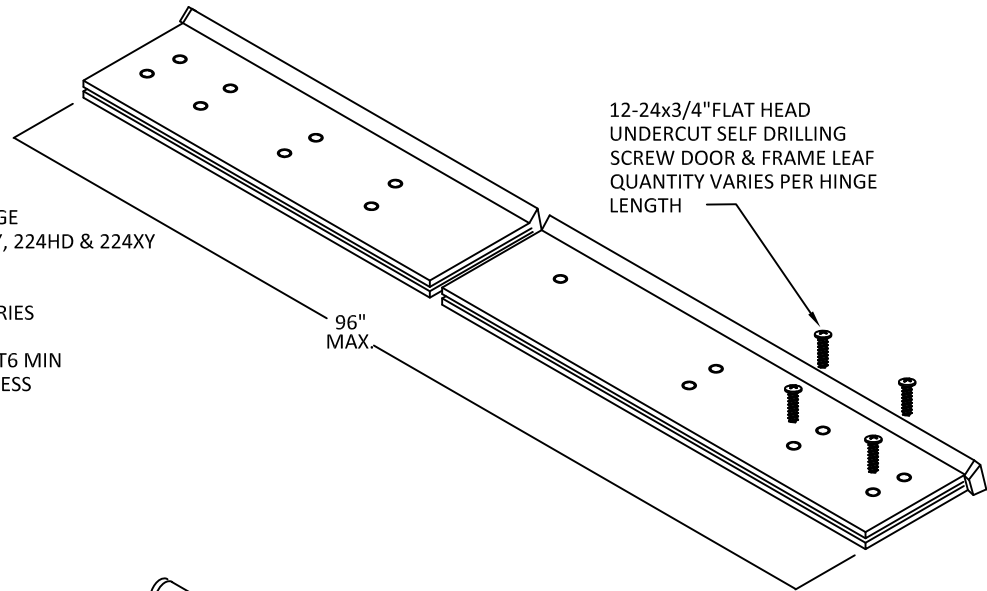


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| FL10356  |          |
| DATE:    | 04.24.23 |
| DWG. BY: | DI       |
| CHK. BY: | HFN      |
| SCALE:   | NTS      |
| DWG. #:  | LSDA330  |
| SHEET:   | 16       |
| OF 28    |          |

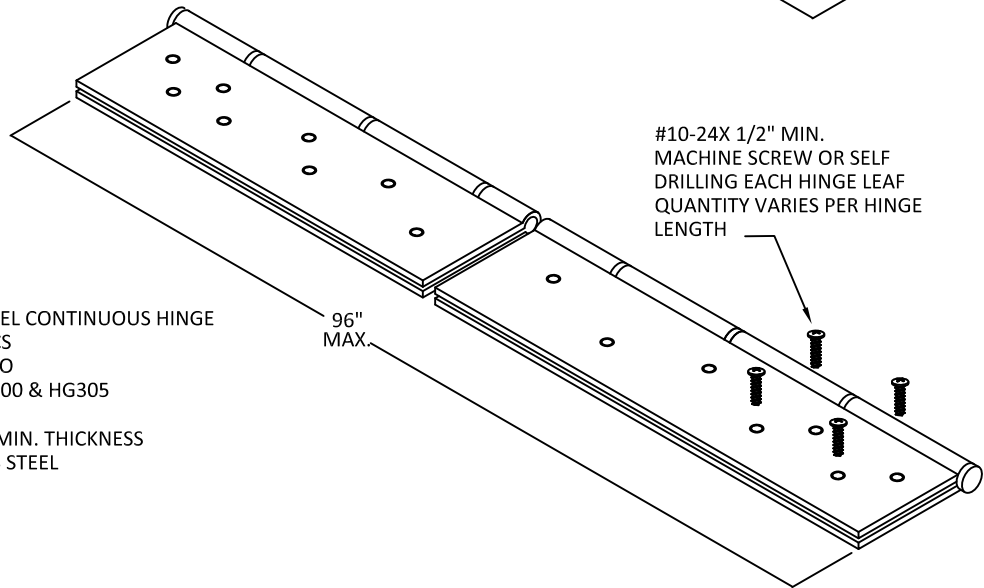
9  
STEEL, STAINLESS STEEL, OR BRASS  
BUTT HINGE 4.5" X 4.5" STD. WT. MIN.  
IVES 5BB1/3CB1 STANLEY FBB179/1900  
HAGER BB1279 .134" MIN. THICKNESS



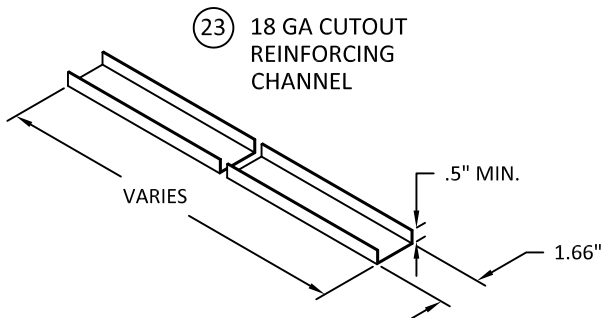
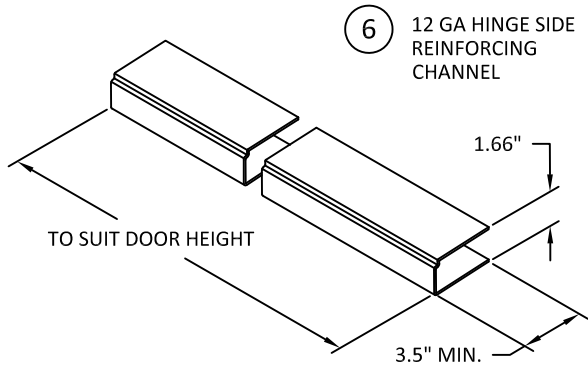
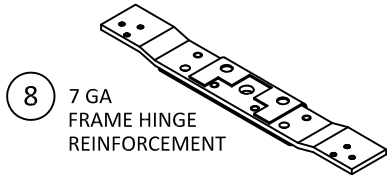
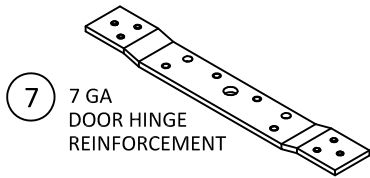
9  
CONTINUOUS HINGE  
IVES 112HD, 112XY, 224HD & 224XY  
STANLEY 661HD  
SELECT SL11HD  
PEMKO FM\_HD SERIES  
HAGER 780-224HD  
ALUMINUM 6036-T6 MIN  
.110" MIN. THICKNESS



9  
STAINLESS STEEL CONTINUOUS HINGE  
IVES 700, 700CS  
HAGER 790-900  
MARKAR FM-300 & HG305  
ABH A-500  
.075" (14GA.) MIN. THICKNESS  
304 STAINLESS STEEL



- 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. REINFORCE DOOR FOR CONTINUOUS HINGE MANUFACTURERS RECOMMENDATION. FRAME DOES NOT REQUIRE ANY ADDITIONAL REINFORCEMENT.



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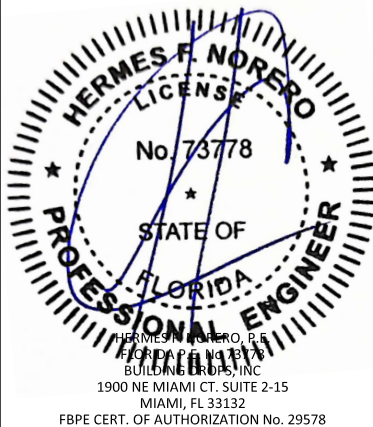
TITLE: LOUVERED OUTSWING/INSWING  
COMMERCIAL STEEL  
SINGLE DOOR SYSTEMS  
(NON-HVHZ)(NON-IMPACT)  
CHANNELS REINFORCEMENTS

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| LOCK UPDATE       | JA | 09.09.24 |
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DATE: 04.24.23

DWG. BY:  
DI

CHK. BY:  
HFN

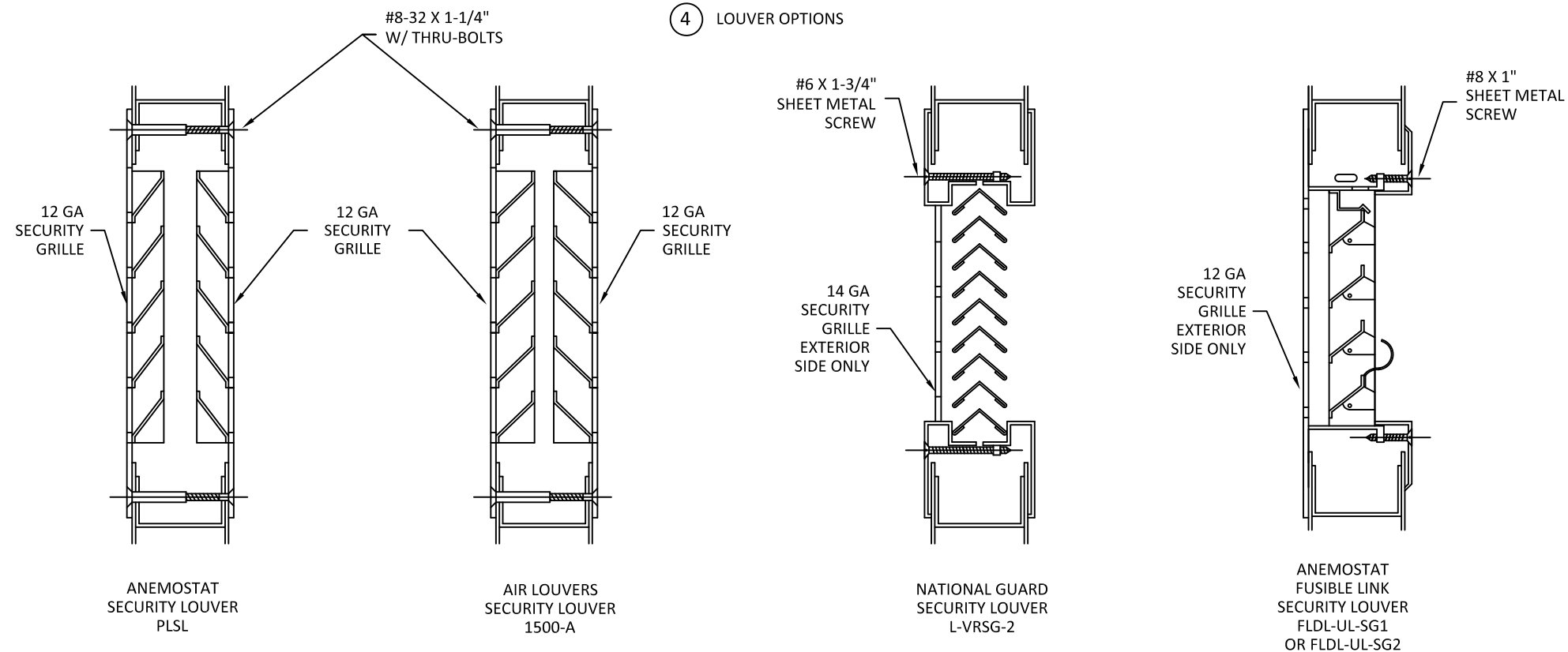
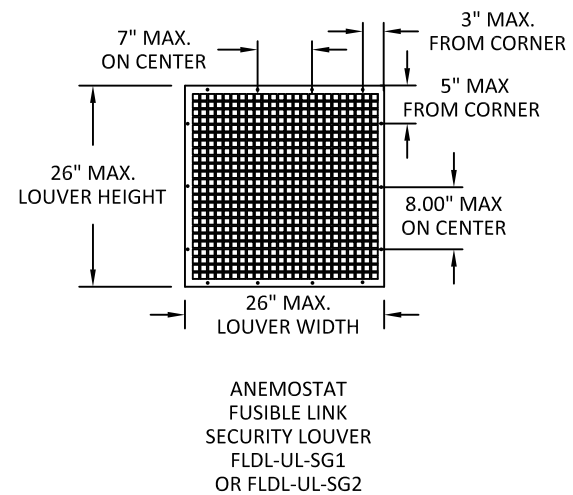
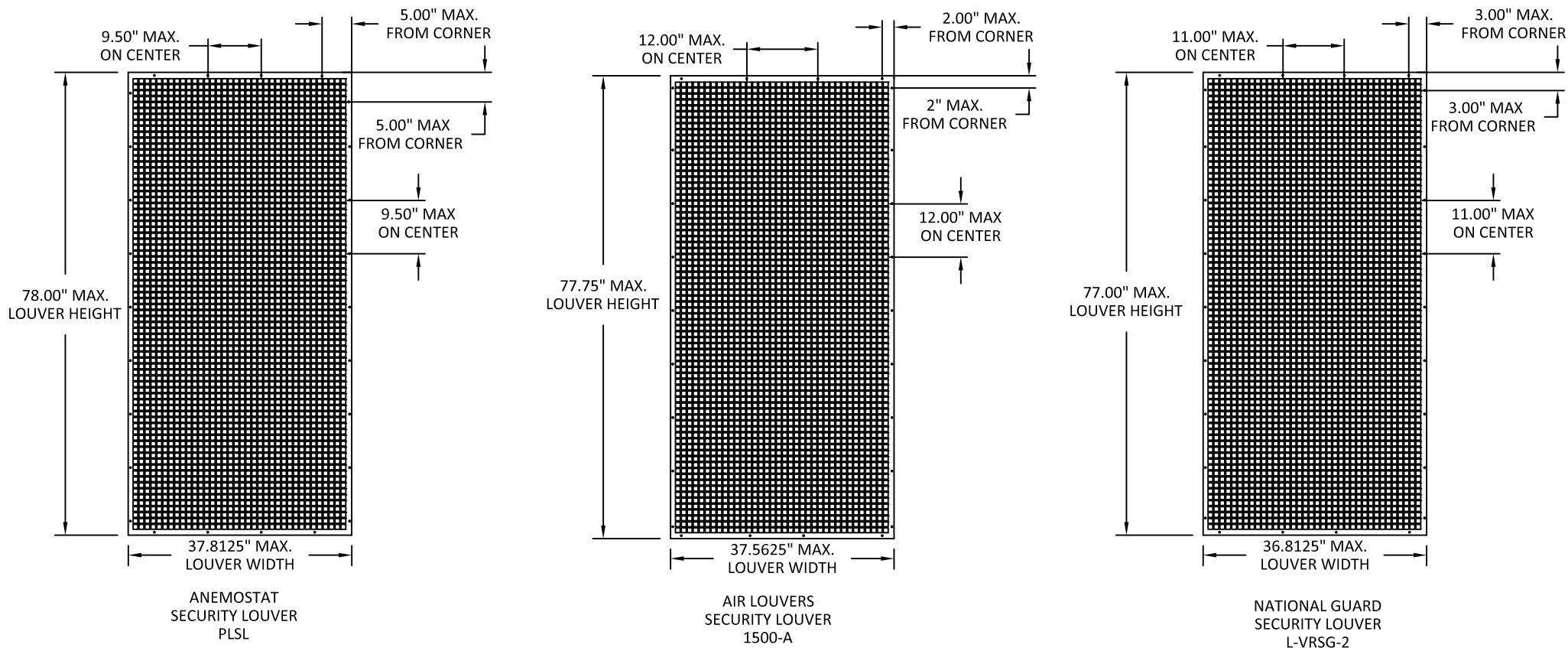
SCALE: NTS

DWG. #: LSDA330

SHEET:

17

OF 28



NOTES:  
1. SCREW SPACING MAY VARY WITH LOUVER HEIGHT AND WIDTH.  
2. MAXIMUM LOUVER SIZE VARIES BASED ON DOOR SIZE AND MANUFACTURER'S LIMITATIONS.  
3. CUT OUT REINFORCEMENT CHANNEL MAY BE INSTALLED INVERTED OR FLUSH.



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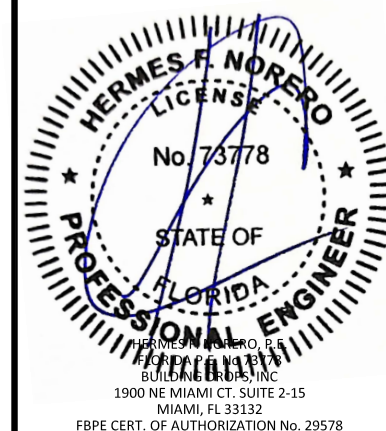
TITLE: LOUVERED OUTSWING/INSWING  
COMMERCIAL STEEL  
SINGLE DOOR SYSTEMS  
(NON-HVHZ)(NON-IMPACT)  
LOUVER OPTIONS

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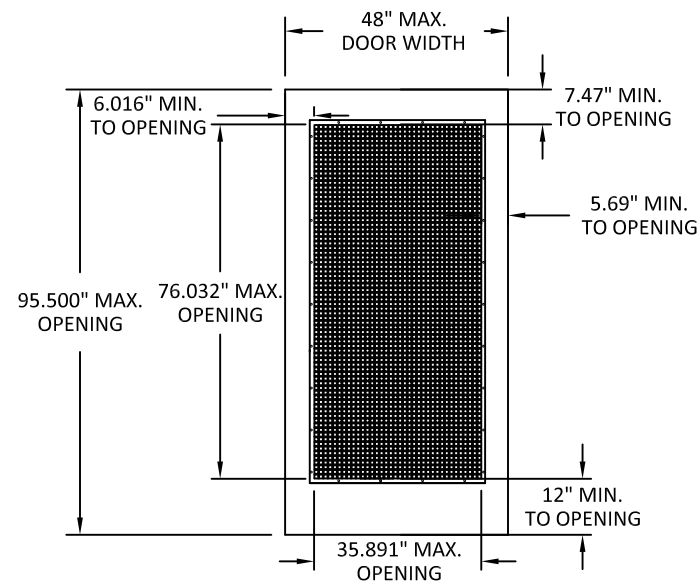
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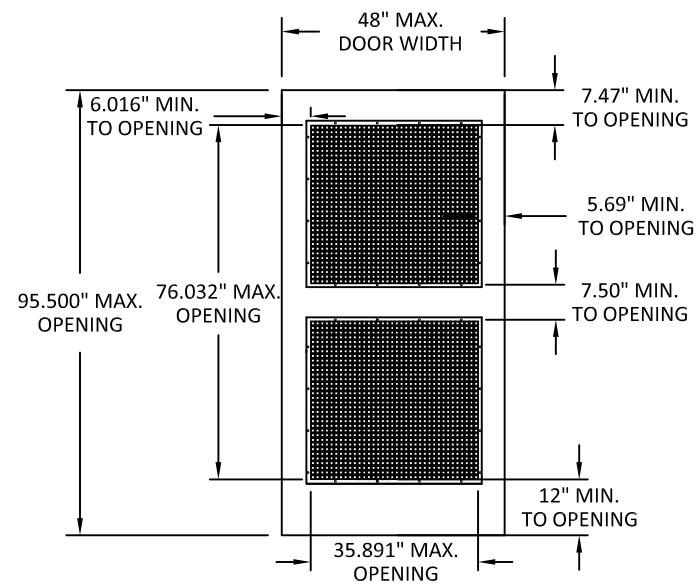


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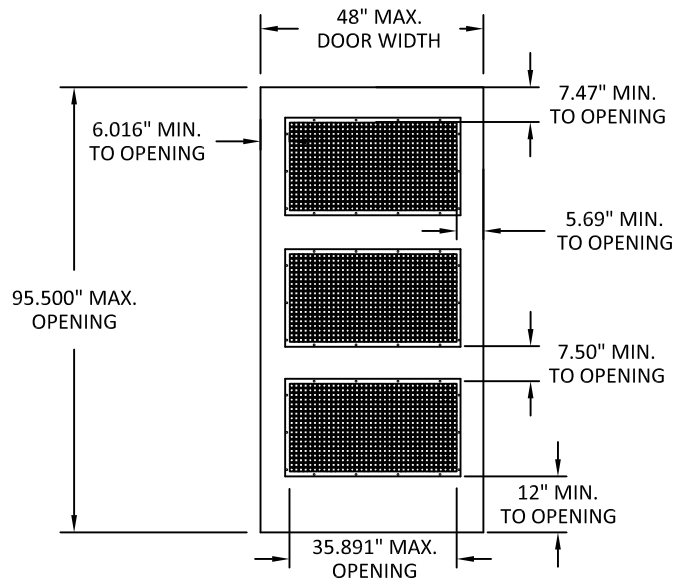
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| DATE:    | 04.24.23 |
| DWG. BY: | DI       |
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| SCALE:   | NTS      |
| DWG. #:  | LSDA330  |
| SHEET:   | 18       |



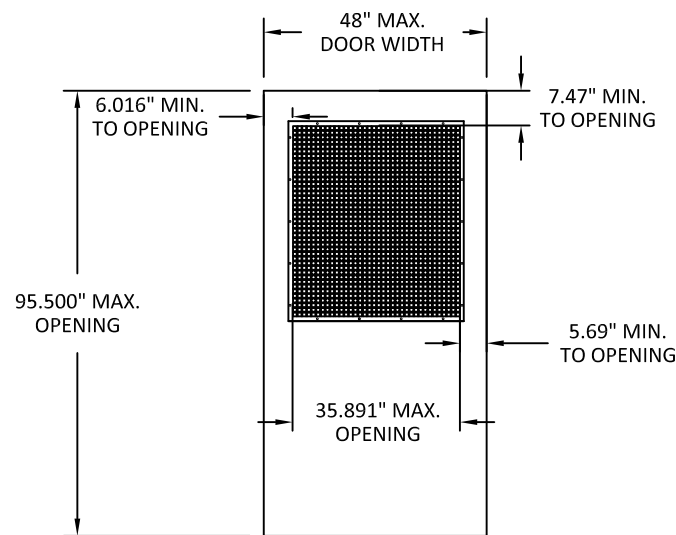
FL - FULL LOUVER



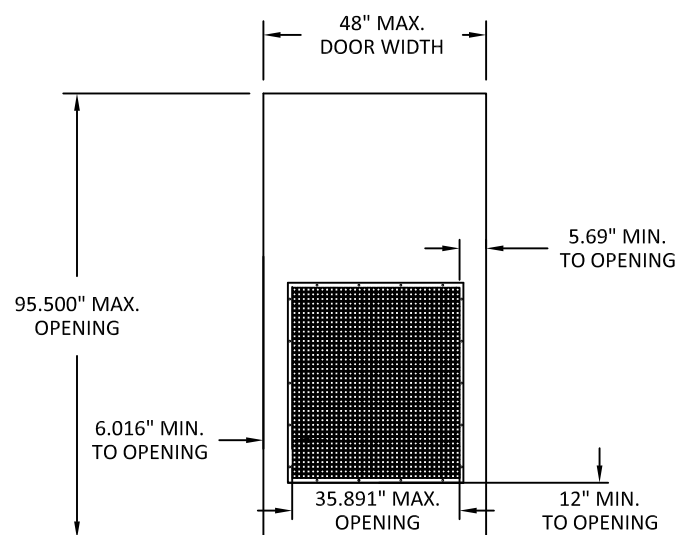
LL - TWO LOUVER



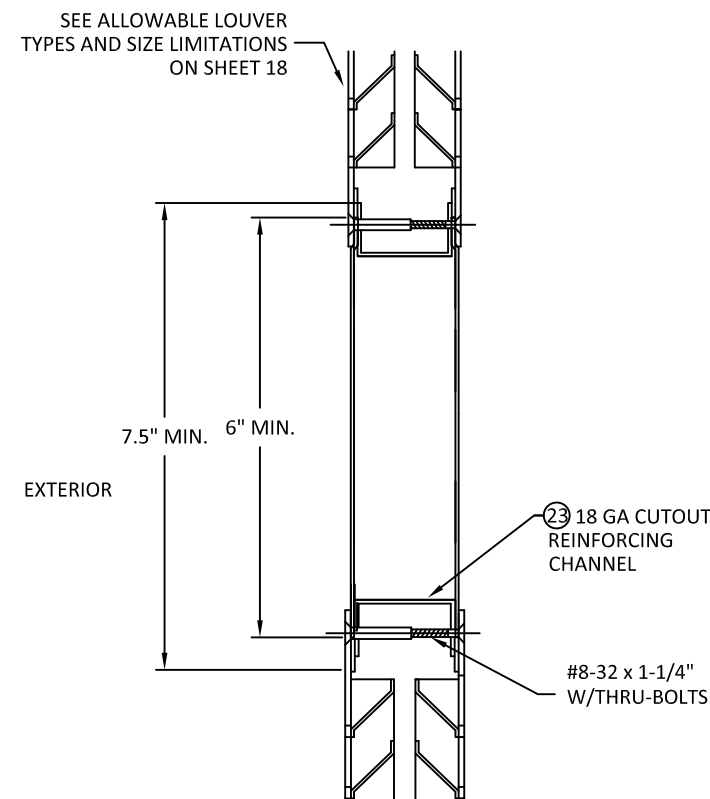
LLL - THREE LOUVER



TL - FULL LOUVER



BL - BOTTOM LOUVER



HORIZONTAL  
MID-RAIL SECTION

- NOTES:
1. MAXIMUM LOUVER SIZE VARIES BASED ON DOOR SIZE AND MANUFACTURER'S LIMITATIONS.
  2. MINIMUM LOCK STILE 6.016" FROM EDGE OF DOOR TO OPENING FOR STEELCRAFT AND REPUBLIC.
  3. MINIMUM HINGE STILE 6.016" FROM EDGE OF DOOR TO OPENING FOR STEELCRAFT DOOR WITH BUTT HINGES.
  4. MINIMUM HINGE STILE 5.69" FROM EDGE OF DOOR TO OPENING FOR STEELCRAFT DOOR WITH CONTINUOUS HINGE.
  5. MINIMUM HINGE STILE 5.875" FROM EDGE OF DOOR TO OPENING FOR REPUBLIC DOOR WITH BUTT AND CONTINUOUS HINGE.
  6. CUT OUT REINFORCEMENT CHANNEL MAY BE INSTALLED INVERTED OR FLUSH.



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TITLE: LOUVERED OUTSWING/INSWING  
COMMERCIAL STEEL  
SINGLE DOOR SYSTEMS  
(NON-HVHZ)(NON-IMPACT)  
LOUVER PANEL OPTIONS

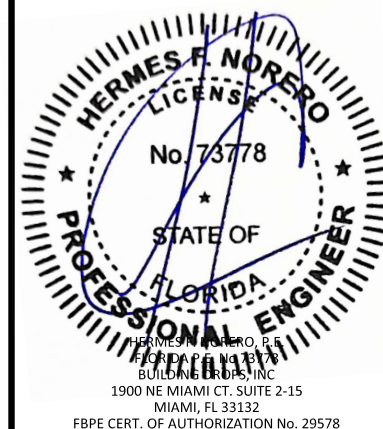
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DATE: 04.24.23

DWG. BY: DI

CHK. BY: HFN

SCALE: NTS

DWG. #: LSDA330

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19

OF 28



ALLEGION - SCHLAGE LOCK COMPANY, LLC.  
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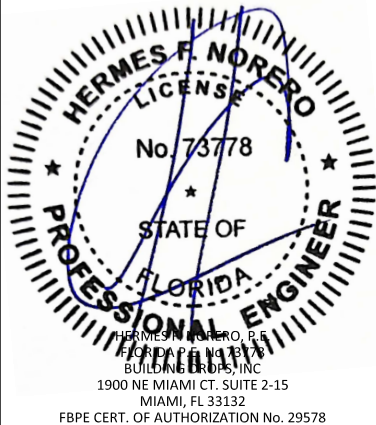
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COMMERCIAL STEEL  
SINGLE DOOR SYSTEMS  
(NON-HVHZ)(NON-IMPACT)  
REPUBLIC DOORS:  
OPENING DIMENSIONS & BOM

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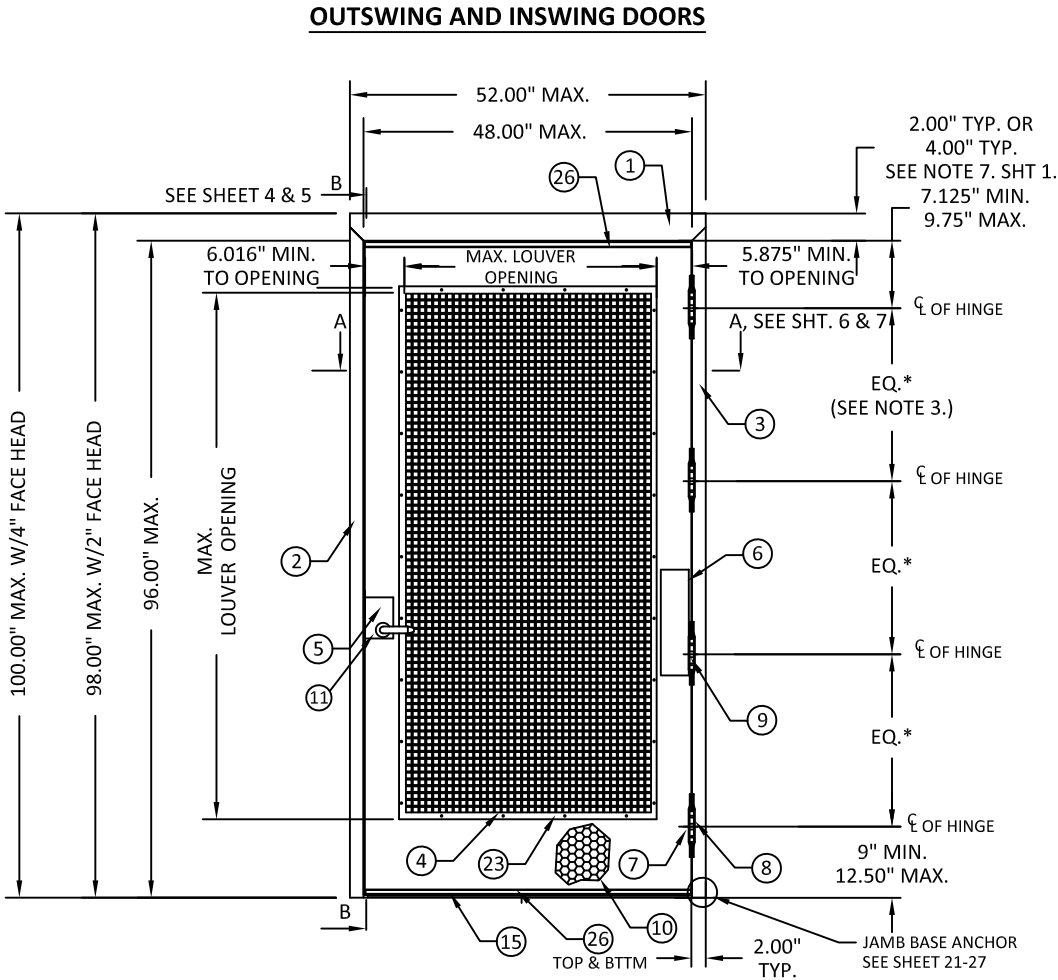
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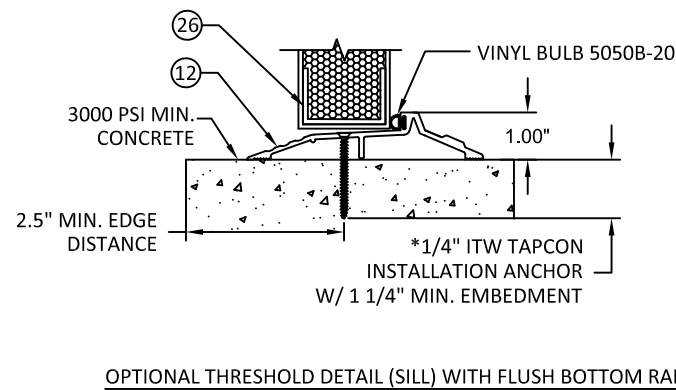
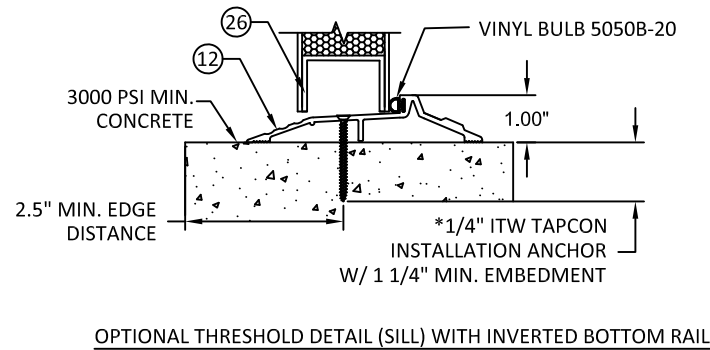
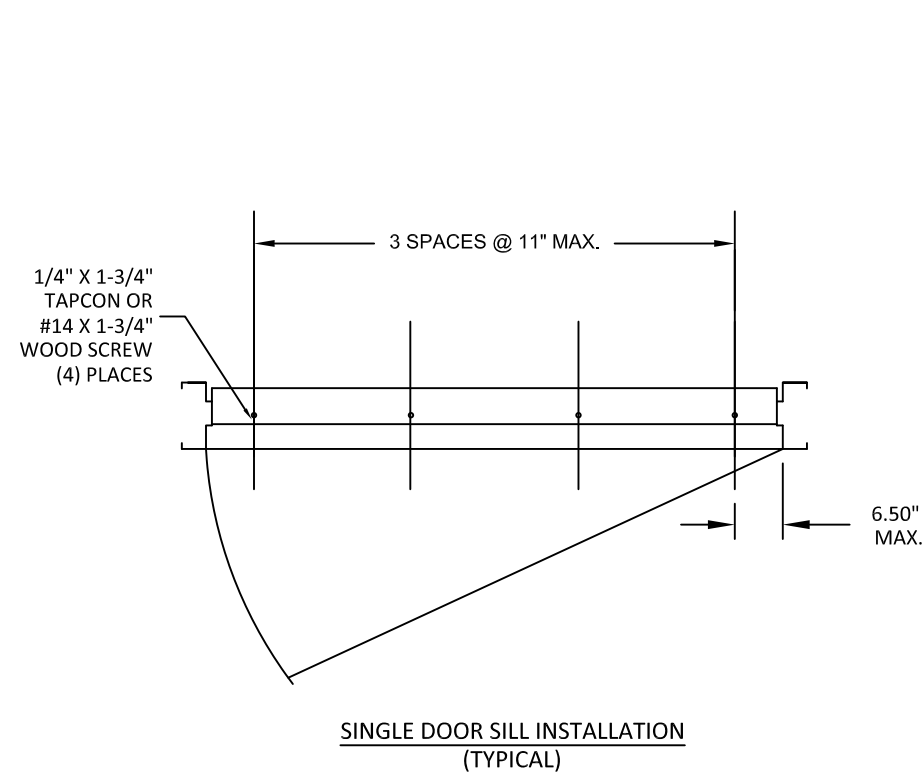
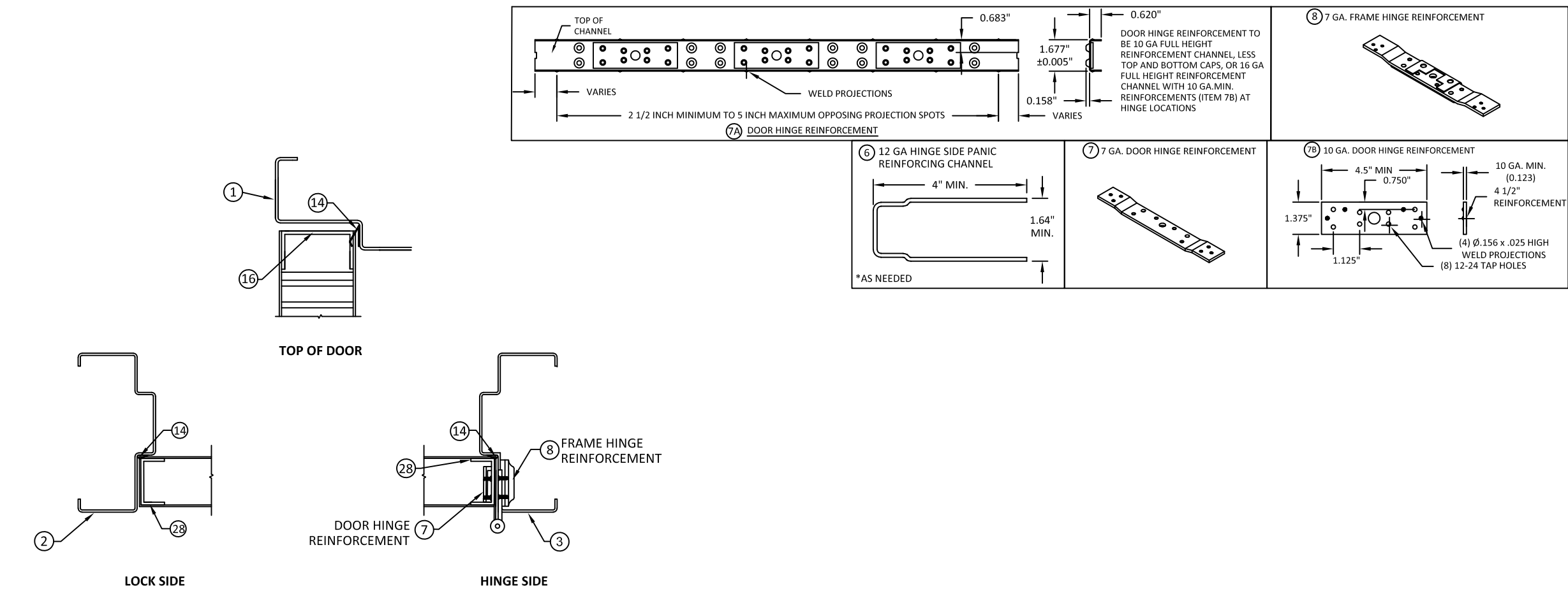


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| FL10356         |              |
| DATE: 04.24.23  |              |
| DWG. BY: DI     | CHK. BY: HFN |
| SCALE: NTS      |              |
| DWG. #: LSDA330 |              |
| SHEET: 20 OF 28 |              |

TABLE 7: (FOR OPTION 1 SEE TABLE 2 SHEET 3)

| ITEM | QUANTITY       | DESCRIPTION                                                                                                                                                           | MATERIAL                                                                                                           | SIZE                                     |
|------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| 1    | 1              | HEAD                                                                                                                                                                  | .053" MIN. STL                                                                                                     | MAX. 52"                                 |
| 2    | 1              | STRIKE JAMB                                                                                                                                                           | .053" MIN. STL                                                                                                     | MAX. 100" HEIGHT                         |
| 3    | 1              | HINGE JAMB                                                                                                                                                            | .053" MIN. STL                                                                                                     | MAX. 100" HEIGHT                         |
| 4    | VARIES         | FIXED DOOR LOUVER:<br>ANEMOSTAT PLSL<br>AIR LOUVERS, INC. - 1500-A<br>NATIONAL GUARD PRODUCTS - L-VRSG-2<br>ANEMOSTAT FDL-UL0SG1 OR FDL-UL-SG2                        | SEE SHT. 18 & 19                                                                                                   | SEE SHT. 18 & 19                         |
| 5    | 1              | LOCK REINFORCEMENT TO SUIT LOCK TYPE                                                                                                                                  | .053" MIN. STL                                                                                                     | VARIES                                   |
| 6    | AS NEEDED      | HINGE SIDE PANIC REINFORCEMENT                                                                                                                                        | .067" MIN. STL                                                                                                     | MAX. 20"                                 |
| 7    | NOTE 3, SHT.1  | HINGE REINFORCEMENT DOOR                                                                                                                                              | .167" MIN. STL                                                                                                     | 1.23" X 9.19" MIN.                       |
| 7A   | NOTE 3, SHT.1  | HINGE REINFORCEMENT DOOR                                                                                                                                              | .053" MIN. STL                                                                                                     | 1.677" X FULL HEIGHT -END CHANNELS       |
| 7B   | NOTE 3, SHT. 1 | HINGE REINFORCEMENT DOOR                                                                                                                                              | .123" MIN. STL                                                                                                     | 1.375" X 4.5" MIN.                       |
| 8    | NOTE 3, SHT. 1 | HINGE REINFORCEMENT FRAME                                                                                                                                             | .167" MIN. STL                                                                                                     | 1.5" X 9.19" MIN.                        |
| 9    | NOTE 3, SHT. 1 | 4.5" MIN. BUTT HINGES (SEE SHT. 17)<br>OPTIONAL CONTINUOUS HINGE (SEE SHT. 17)                                                                                        | .134 MIN. STL.<br>.075" MIN. STL/.12 ALUM                                                                          | (8) #12-24 MS PER HINGE<br>MAX. 95"      |
| 10   | 1              | CORE MATERIAL (SEE SHT. 8):<br>D) HONEYCOMB<br>C) STEEL STIFFENED<br>A&F) POLYSTYRENE<br>B&F) POLYURETHANE/POLYISOCYANURATE<br>E) MINERAL BOARD TEMPERATURE RISE CORE |                                                                                                                    |                                          |
| 11   | 1              | LOCKING HARDWARE - SEE TABLE 1, SHT. 2                                                                                                                                |                                                                                                                    |                                          |
| 12   | 1              | THRESHOLD SILL W/BUMPER GASKET SEE SHT. 16<br>12A) 566 ZERO 12F) 565 ZERO<br>12B) 950A NGP<br>12C) 65 ZERO 12G) 560 ZERO<br>12D) 568 ZERO<br>12E) 803V NGP            | .125" ALUM. 6063 T5<br>.078" ALUM. 6063 T5<br>0.125" ALUM. 6063 T5<br>0.125" ALUM. 6063 T5<br>0.100" ALUM. 6063 T5 | 48" MAX                                  |
| 13   | NOTE 2, SHT. 1 | JAMB ANCHOR<br>14A) PS074 DOOR SEAL                                                                                                                                   | SEE SHTS. 23-27<br>TPE                                                                                             | -<br>VARIES                              |
| 14   | SEE SHT. 16    | 14B) 188S, 14C) 117S, 14D) 8145S, 14E) 8150S, 14F) 8042S                                                                                                              | SILICONE                                                                                                           |                                          |
| 15   | 1              | FAS-SEAL DOOR SWEEP SEE SHT. 16                                                                                                                                       | TPE                                                                                                                | MAX. 48"                                 |
| 16   | 2              | END CHANNEL (16 GAGE - INVERTED)                                                                                                                                      | .053"                                                                                                              | .620" X 1.66" X 48" MAX.                 |
| 17   | -              | -                                                                                                                                                                     | -                                                                                                                  | -                                        |
| 18   | AS NEEDED      | CAULK BUTYL RUBBER OR SILICONE                                                                                                                                        | SEE SHT. 16                                                                                                        | -                                        |
| 19   | -              | -                                                                                                                                                                     | -                                                                                                                  | -                                        |
| 20   | -              | -                                                                                                                                                                     | -                                                                                                                  | -                                        |
| 21   | -              | -                                                                                                                                                                     | -                                                                                                                  | -                                        |
| 22   | 1              | ASA STRIKE                                                                                                                                                            | -                                                                                                                  | -                                        |
| 23   | AS NEEDED      | 18 GAUGE LOUVER CUTOUT REINFORCEMENT                                                                                                                                  | -                                                                                                                  | 0.5" MIN. X 1.66" X 35.5"W & 75.5"H MAX. |
| 24   | -              | -                                                                                                                                                                     | -                                                                                                                  | -                                        |
| 25   | 1              | DOOR SLAB                                                                                                                                                             | SEE SHT. 8                                                                                                         | -                                        |
| 26   | 2              | END CHANNEL (16 GA - INVERTED OR FLUSH)                                                                                                                               | .053" MIN. STL.                                                                                                    | .620" X 1.66" X 47.66" MAX.              |
| 27   | -              | -                                                                                                                                                                     | -                                                                                                                  | -                                        |
| 28   | 2              | EDGE CHANNEL REINFORCEMENT (16 GA)                                                                                                                                    | .053" MIN. STL                                                                                                     | -                                        |





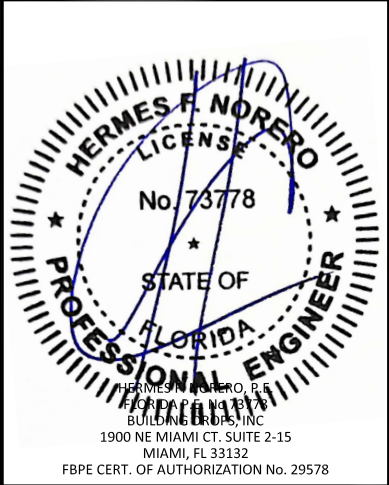
\*NOTE: 803V THRESHOLD MAY BE INSTALLED WITH #12 WOOD SCREW TYPE INSTALLATION ANCHORS WHEN INTO 2X WOOD BUCK SUBSTRATES (MIN. SG= 0.55) WITH MINIMUM 1-1/2" EMBEDMENT AND MINIMUM 3/4" EDGE DISTANCE.

TITLE: LOUVERED OUTSWING/INSWING  
COMMERCIAL STEEL  
SINGLE DOOR SYSTEMS  
(NON-HVHZ)(NON-IMPACT)  
REPUBLIC DOORS:  
SILL & REINFORCEMENT DETAILS

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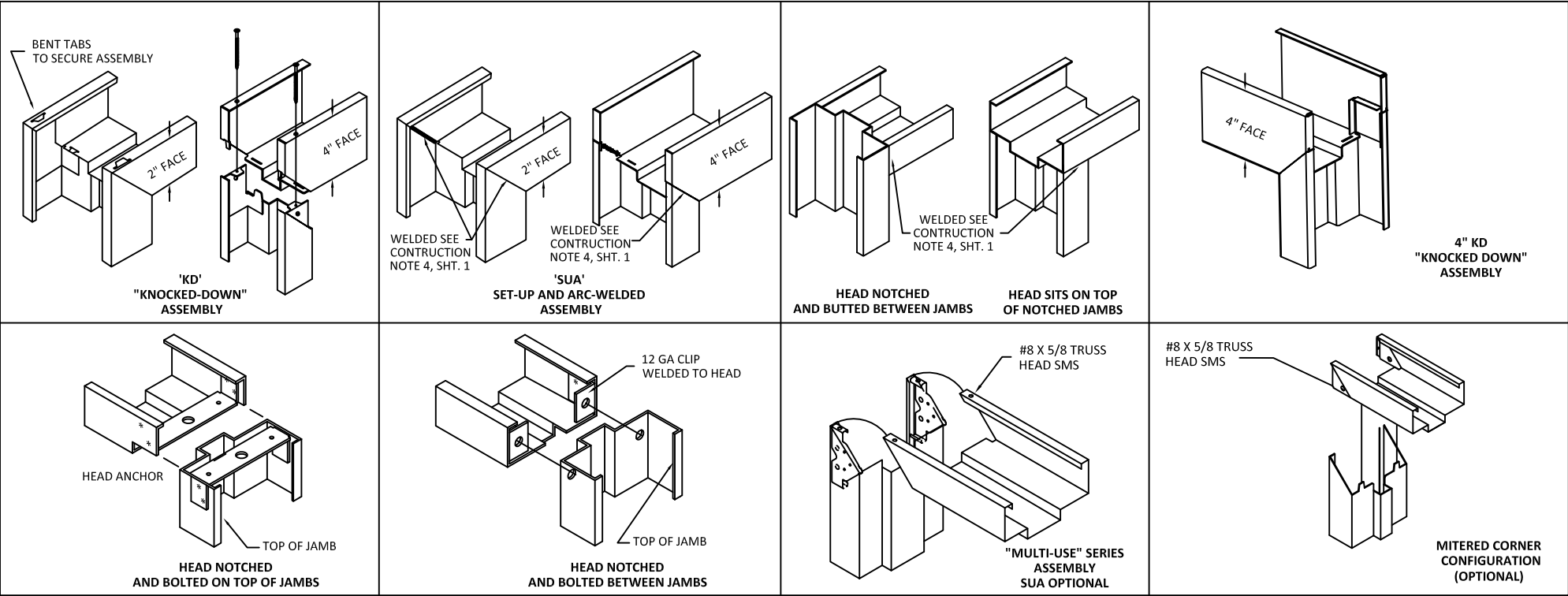
DATE: 04.24.23

DWG. BY: DI      CHK. BY: HFN

SCALE: NTS

DWG. #: LSDA330

SHEET: 21 OF 28



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

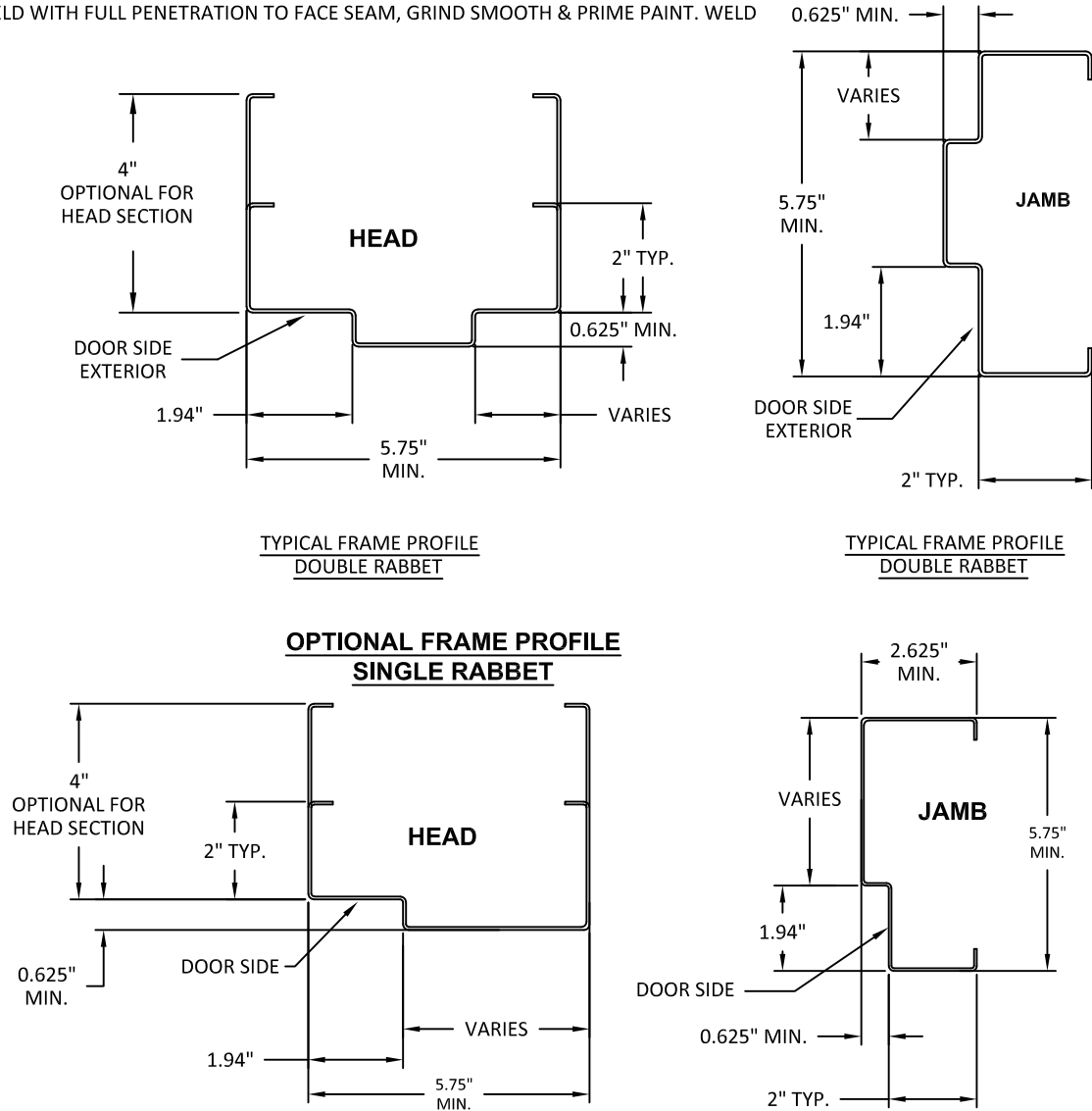


TABLE 8: AVAILABLE REPUBLIC DOOR CONFIGURATIONS

| REPUBLIC DOOR SERIES | DOOR CORE MATERIAL PER SHT. 8                                                          | 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.    | 18/.044"<br>16/.053" |
| DE                   |                                                                                        | 4'-0"                | 8'-0"  | CRS. GALV.    | 14/.067"             |
| DP                   | HONEYCOMB POLYSTYRENE                                                                  | 4'-0"                | 8'-0"  | CRS. GALV.    | 18/.044"             |

TABLE 9: AVAILABLE REPUBLIC FRAME CONFIGURATIONS

| 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"<br>14/.067" |
| SE                    | 5.75" MIN. | 4'-0"                | 8'-0"  | CRS/HRS GALV | 12/.093"             |

TABLE 10: STEEL MECHANICAL PROPERTIES

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



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CARMEL, IN 46032  
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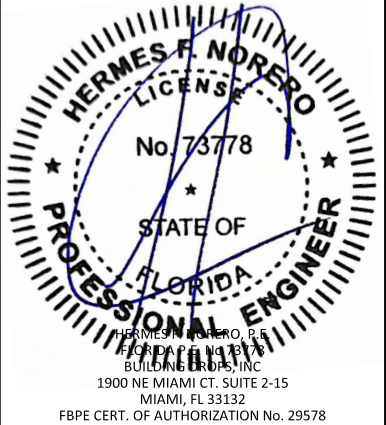
TITLE: LOUVERED OUTSWING/INSWING  
COMMERCIAL STEEL  
SINGLE DOOR SYSTEMS  
(NON-HVHZ)(NON-IMPACT)  
REPUBLIC DOORS: FRAME DETAILS  
& CORNER CONSTRUCTION

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



| REMARKS           | BY | DATE     |
|-------------------|----|----------|
| LOCK ADDITION     | MG | 10.16.23 |
| MPP/ANCHOR UPDATE | SH | 06.13.24 |
| LOCK UPDATE       | JA | 09.09.24 |
| MISC UPDATE       | DI | 12.06.25 |

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FL10356

DATE: 04.24.23

DWG. BY: DI  
CHK. BY: HFN

SCALE: NTS

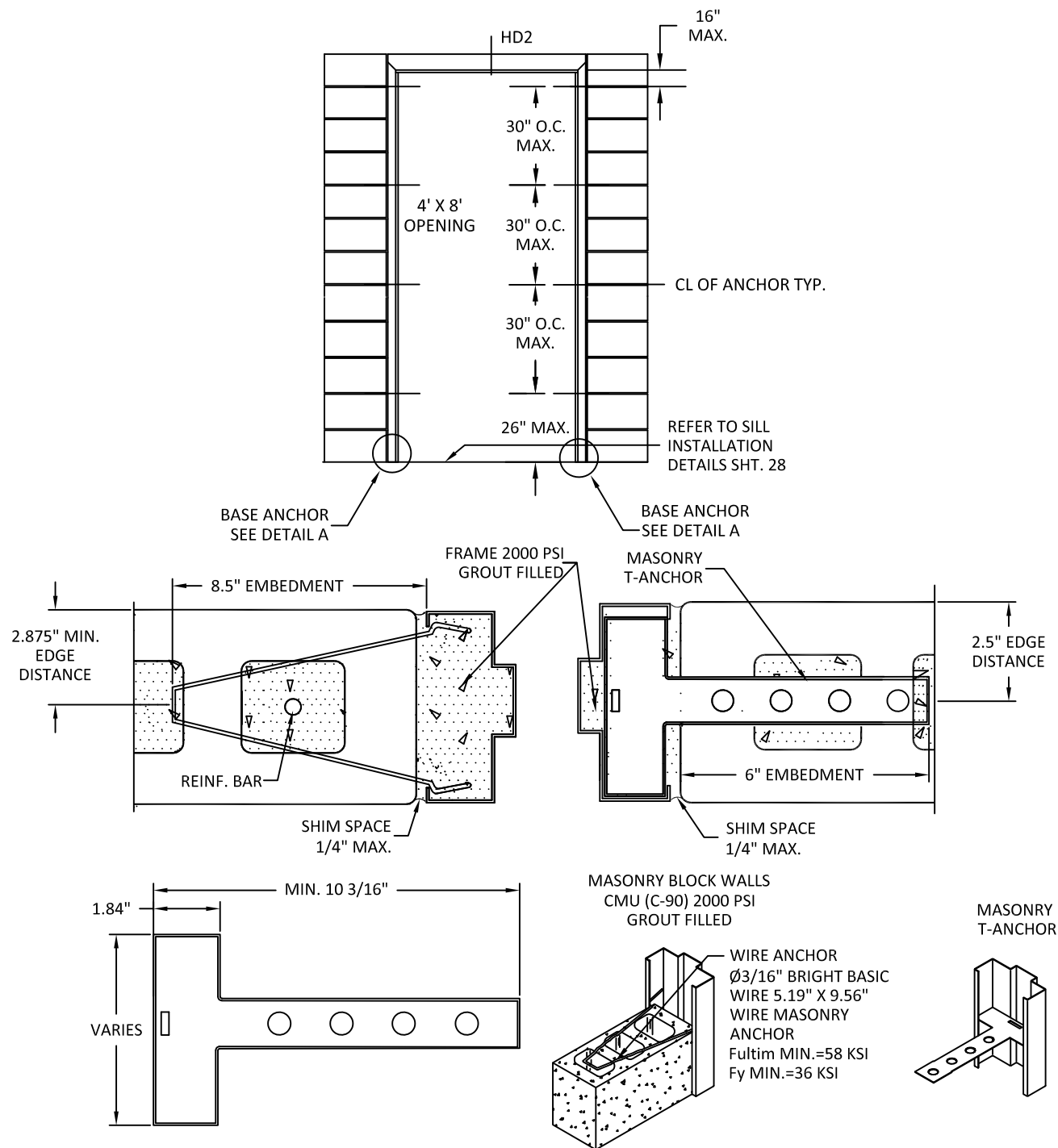
DWG. #: LSDA330

SHEET:

22

1

# WIRE OR T MASONRY ANCHOR INTO GROUT FILLED FRAME AND BLOCK WALL

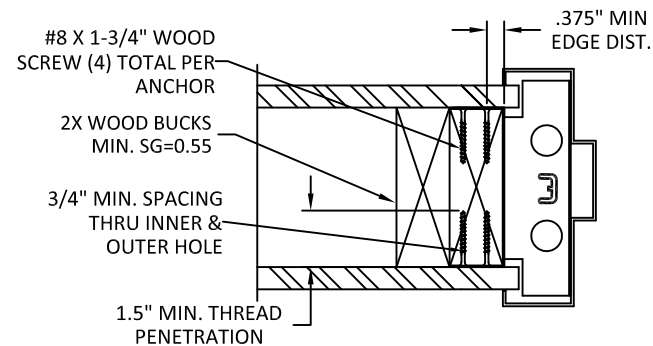
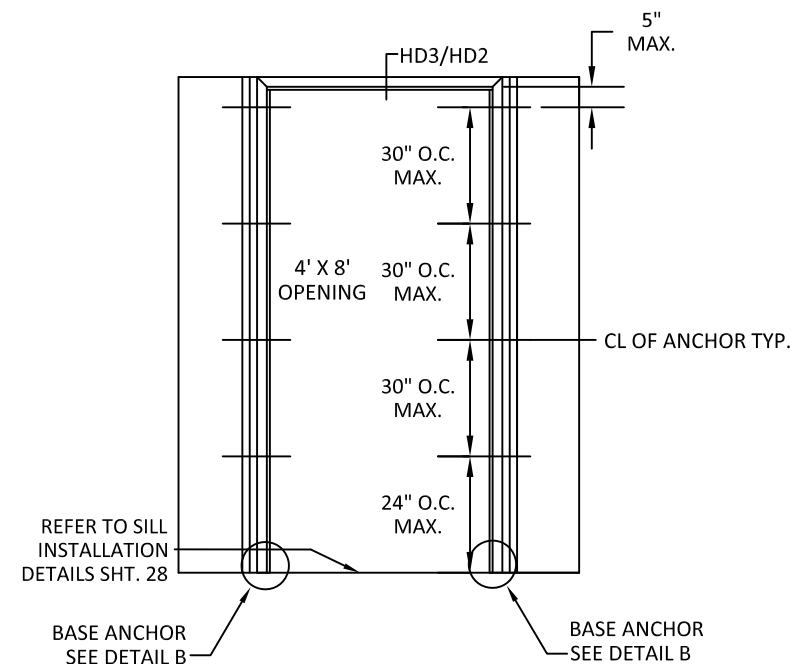


## NOTES:

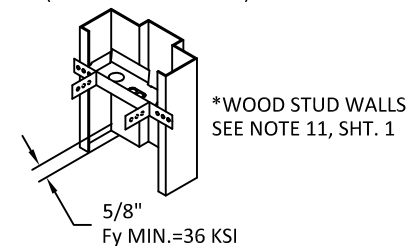
- (\*)WOOD OR (\*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 108 #/FT. LOAD FOR ASSEMBLIES RATED @ 50 PSF.
- NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
- SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR SILICONE CAULK
- INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR SILICONE CAULK FULL LENGTH OF SILL
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS. IF INSTALLATION DEVIATES FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR REVIEW AND APPROVAL BY THE LOCAL AHJ.

2

# WOOD STUD ANCHOR



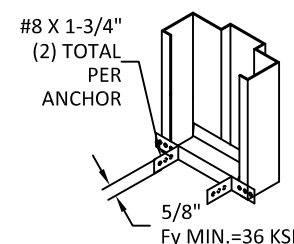
WOOD STUD OR UNIVERSAL ANCHOR  
(LOCK-IN OR WELD-IN)



\*WOOD STUD WALLS  
SEE NOTE 11, SHT. 1

## DETAIL B

JAMB BASE ANCHOR  
(WELDED OR ADJUSTABLE)



SEE PAGE 10 FOR  
OPTION 1 ANCHOR DETAILS



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PH: (317) 715-4073

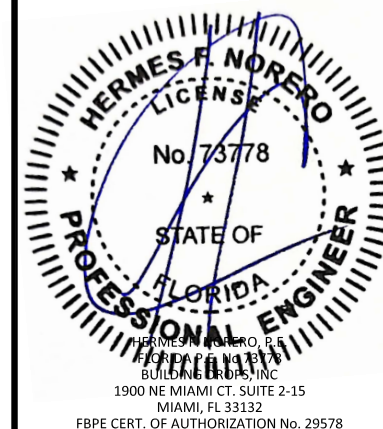
TITLE: LOUVERED OUTSWING/INSWING  
COMMERCIAL STEEL  
SINGLE DOOR SYSTEMS  
(NON-HVHZ)(NON-IMPACT)  
REPUBLIC DOORS: ANCHORS - WIRE OR  
T MASONRY ANCHOR & WOOD STUD

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



| REMARKS           | BY | DATE     |
|-------------------|----|----------|
| LOCK ADDITION     | MG | 10.16.23 |
| MPP/ANCHOR UPDATE | SH | 06.13.24 |
| LOCK UPDATE       | JA | 09.09.24 |
| MISC UPDATE       | DI | 12.06.25 |

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DATE: 04.24.23

DWG. BY:  
DI

CHK. BY:  
HFN

SCALE: NTS

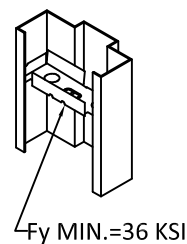
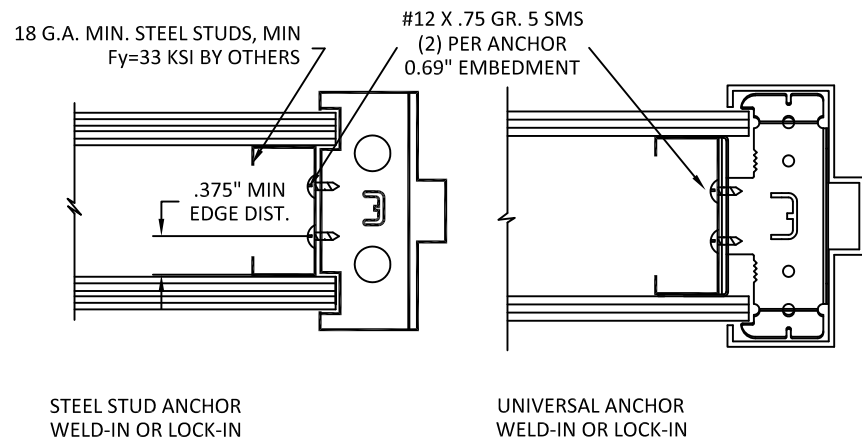
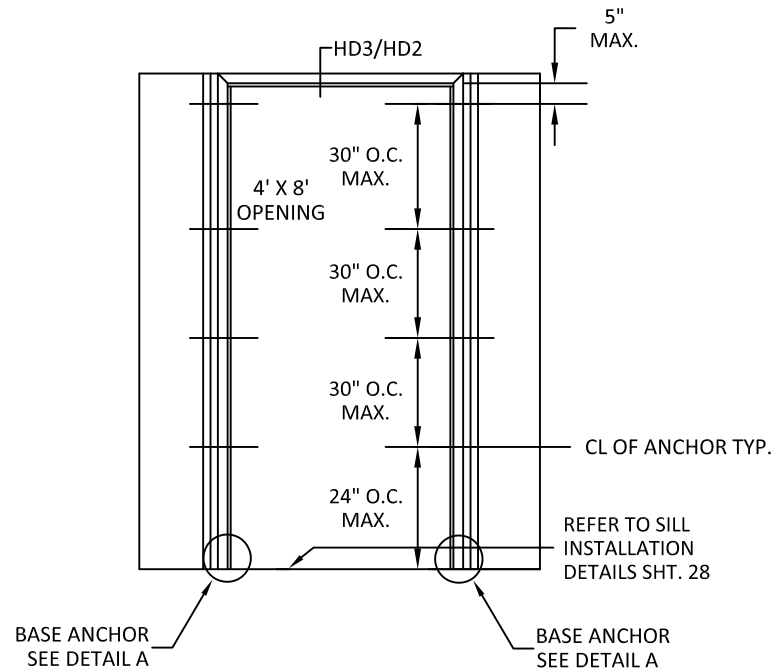
DWG. #: LSDA330

SHEET:

23

OF 28

### 3 STEEL STUD ANCHOR

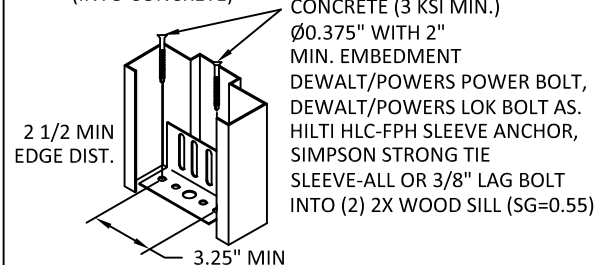


\*STEEL STUD WALLS  
SEE NOTE 11, SHT. 1

#### NOTES:

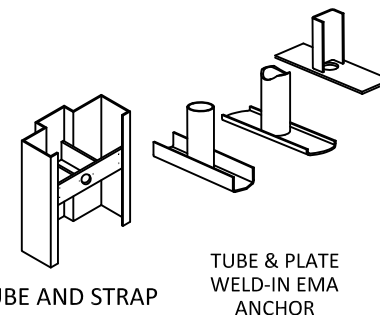
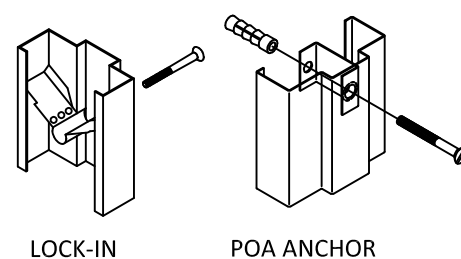
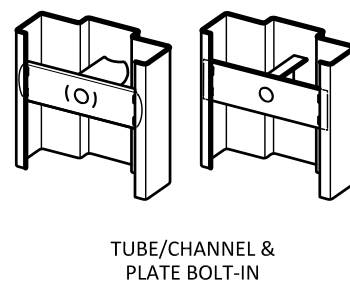
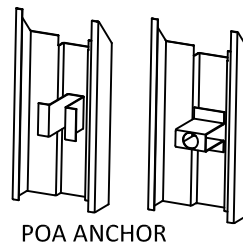
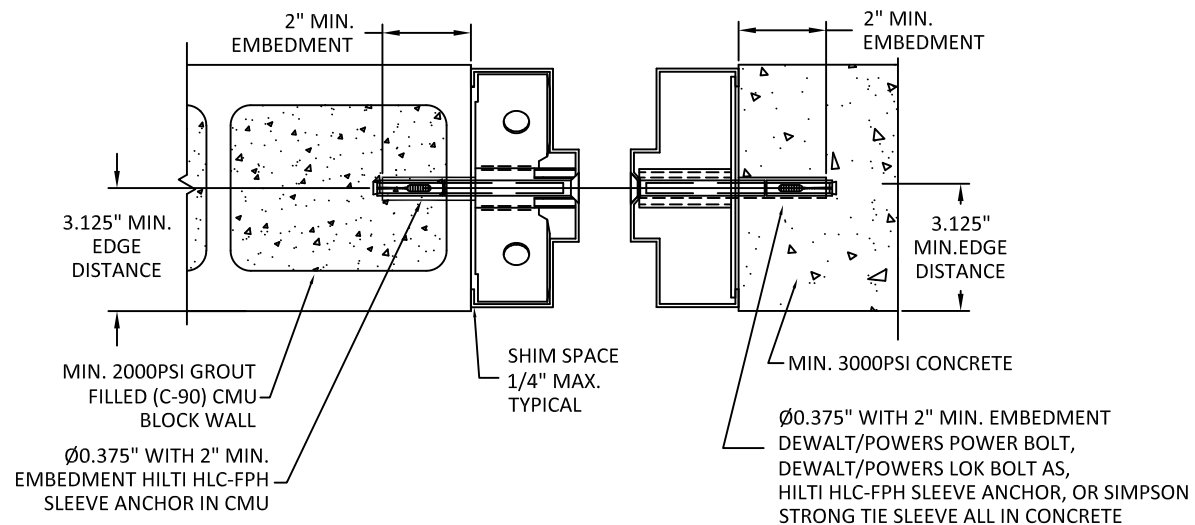
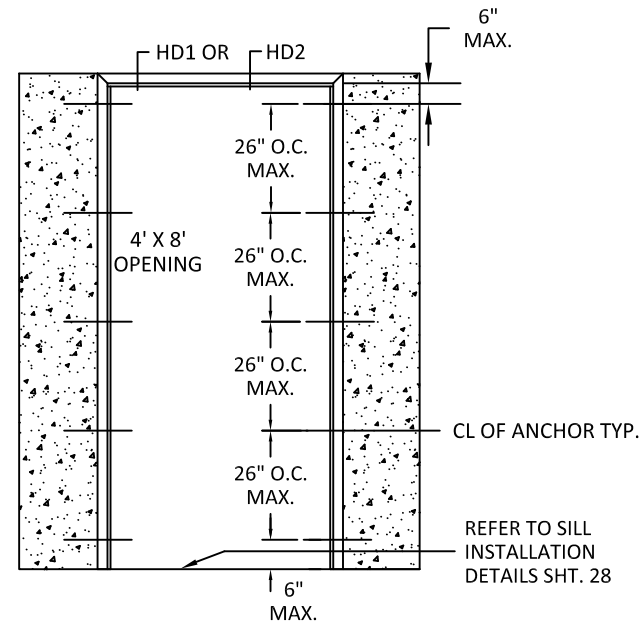
1. (\*)WOOD OR (\*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 108 #/FT. LOAD FOR ASSEMBLIES RATED @ 50 PSF.
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3. SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR SILICONE CAULK
4. INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR SILICONE CAULK FULL LENGTH OF SILL
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#### DETAIL A JAMB BASE ANCHOR (INTO CONCRETE)



### 4 PREPARED OPENING ANCHOR (POA) INTO CONCRETE WALL OR CMU

SEE PAGE 11 FOR  
OPTION 1 ANCHOR DETAILS



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

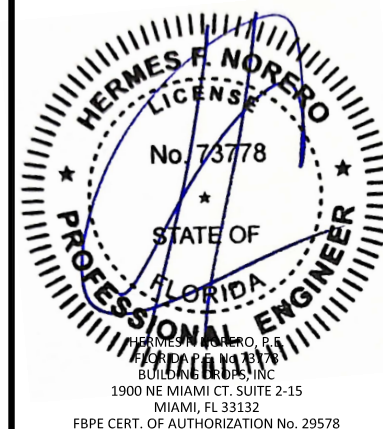
TITLE: LOUVERED OUTSWING/  
INSWING  
COMMERCIAL STEEL  
SINGLE DOOR SYSTEMS  
(NON-HVHZ)(NON-IMPACT)  
REPUBLIC DOORS: ANCHORS - STEEL STUD  
& EMA INTO CONCRETE WALL OR CMU

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



| REMARKS           | BY | DATE     |
|-------------------|----|----------|
| LOCK ADDITION     | MG | 10.16.23 |
| MPP/ANCHOR UPDATE | SH | 06.13.24 |
| LOCK UPDATE       | JA | 09.09.24 |
| MISC UPDATE       | DI | 12.06.25 |

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DATE: 04.24.23

DWG. BY: DI  
CHK. BY: HFN

SCALE: NTS

DWG. #: LSDA330

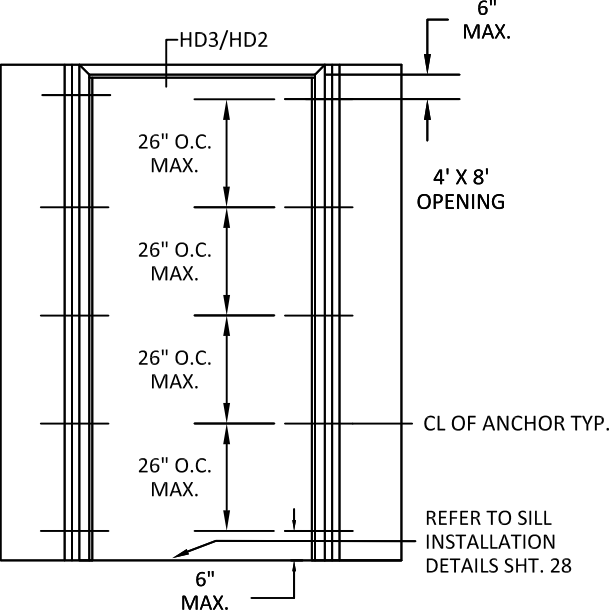
SHEET:

24

OF 28

5

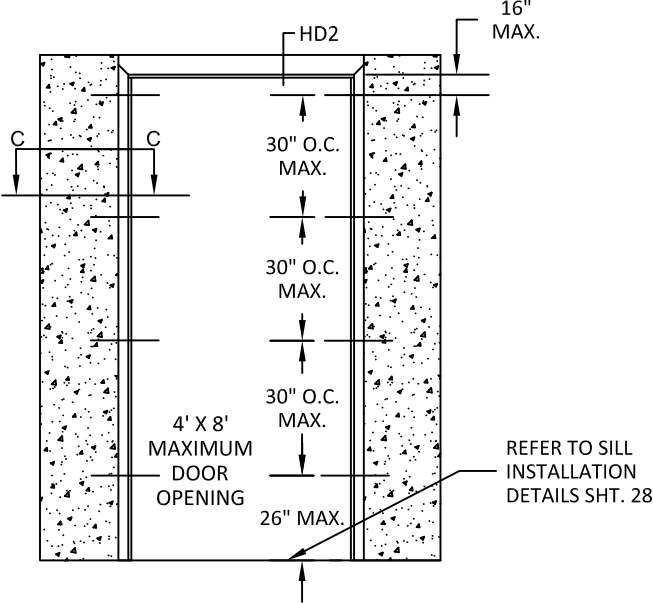
PREPARED OPENING ANCHOR (POA)  
WITH LAG BOLT INTO WOOD STUD WALL



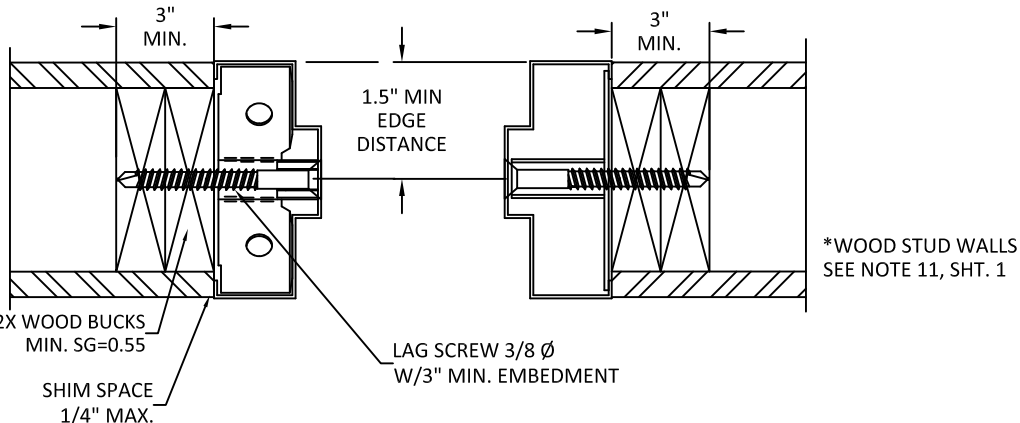
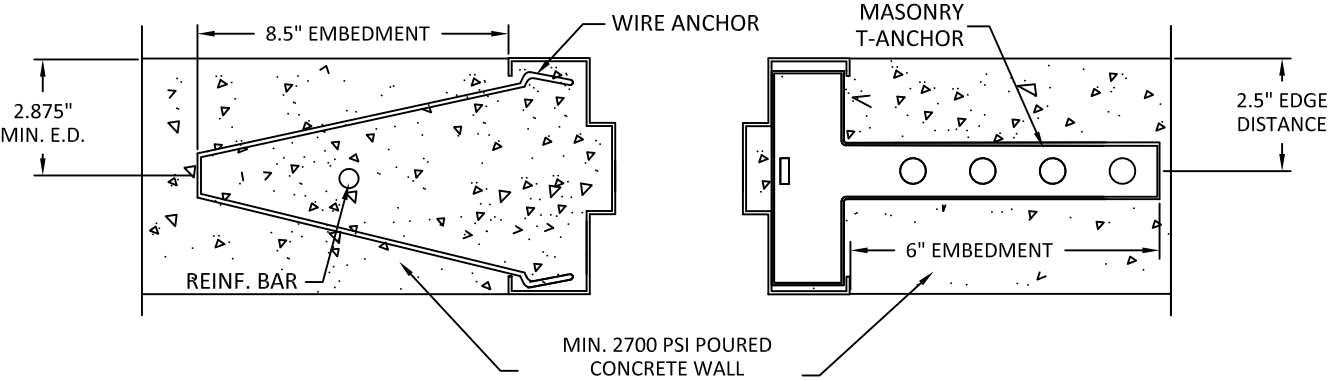
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POURED CONCRETE  
TILT UP WALL

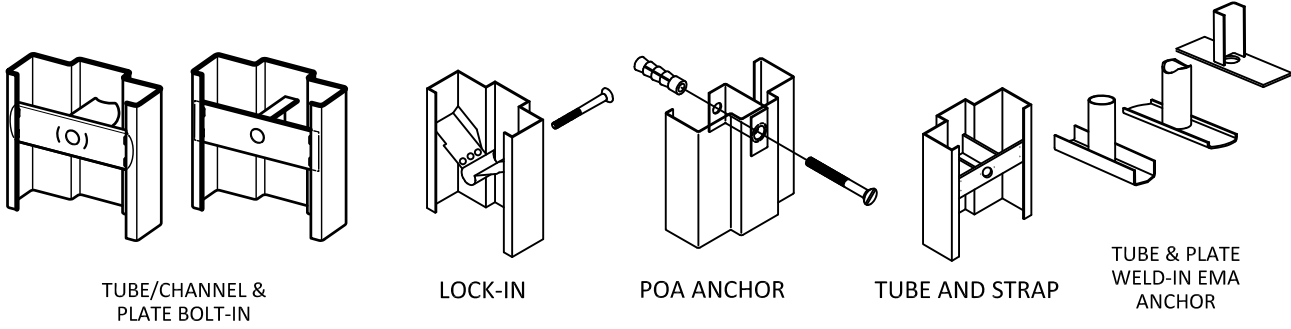
SEE PAGE 12 FOR  
OPTION 1 ANCHOR DETAILS



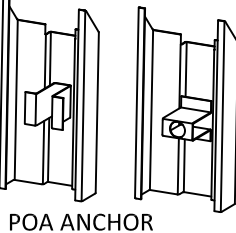
CROSS-SECTION C - C  
POURED CONCRETE OPTION



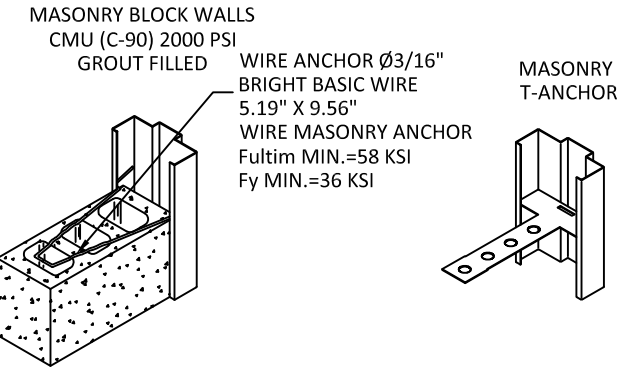
\*WOOD STUD WALLS  
SEE NOTE 11, SHT. 1



NOTES:  
1. (\*)WOOD OR (\*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 108 #/FT. LOAD FOR ASSEMBLIES RATED @ 50 PSF.  
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4. INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR SILICONE CAULK FULL LENGTH OF SILL  
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NOTE:  
1. 3/8 inch LAG SCREWS TO BE MIN SAE GRADE 2 OR EQUIVALENT.



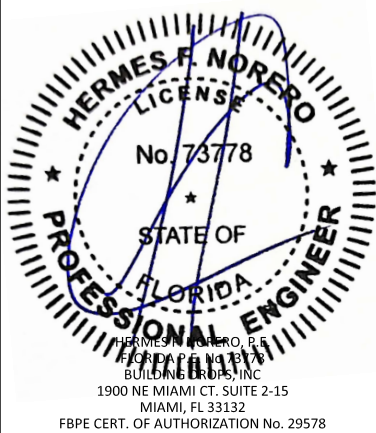
ALLEGION - SCHLAGE LOCK COMPANY, LLC.  
11819 N. PENNSYLVANIA STREET  
CARMEL, IN 46032  
PH: (317) 715-4073

TITLE: LOUVERED OUTSWING/INSWING  
COMMERCIAL STEEL  
SINGLE DOOR SYSTEMS  
(NON-HVHZ)(NON-IMPACT)  
REPUBLIC DOORS: ANCHORS - EMA W/  
LAG BOLT INTO WOOD STUD WALL &  
POURED CONCRETE TILT UP WALL

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

| REMARKS           | BY | DATE     |
|-------------------|----|----------|
| LOCK ADDITION     | MG | 10.16.23 |
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| LOCK UPDATE       | JA | 09.09.24 |
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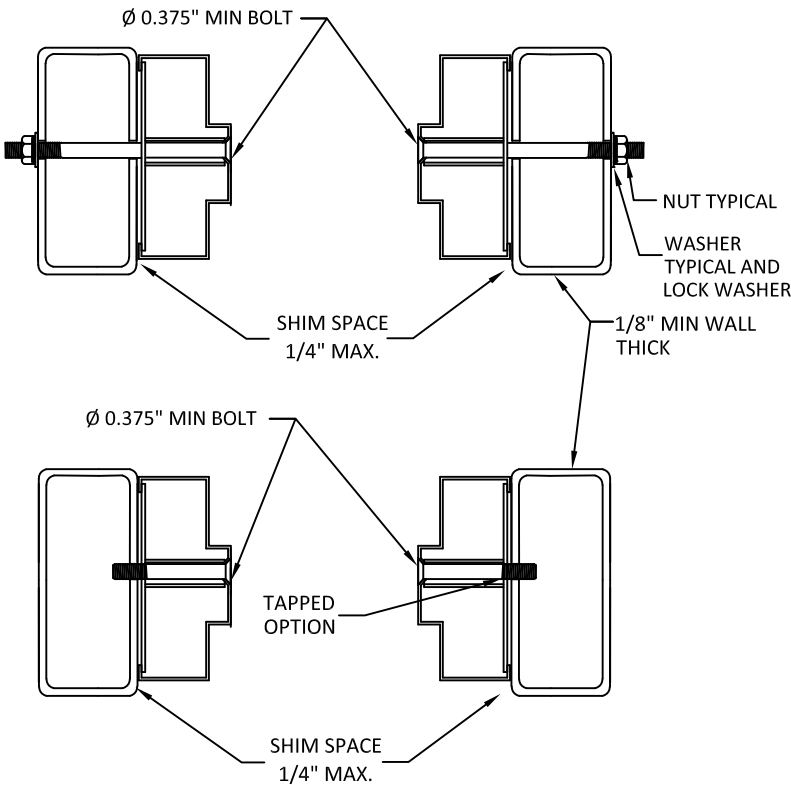
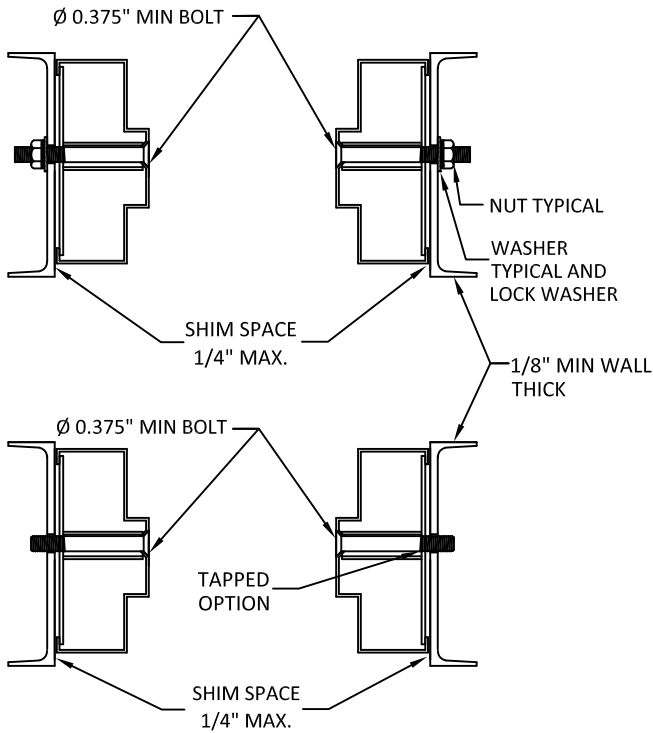
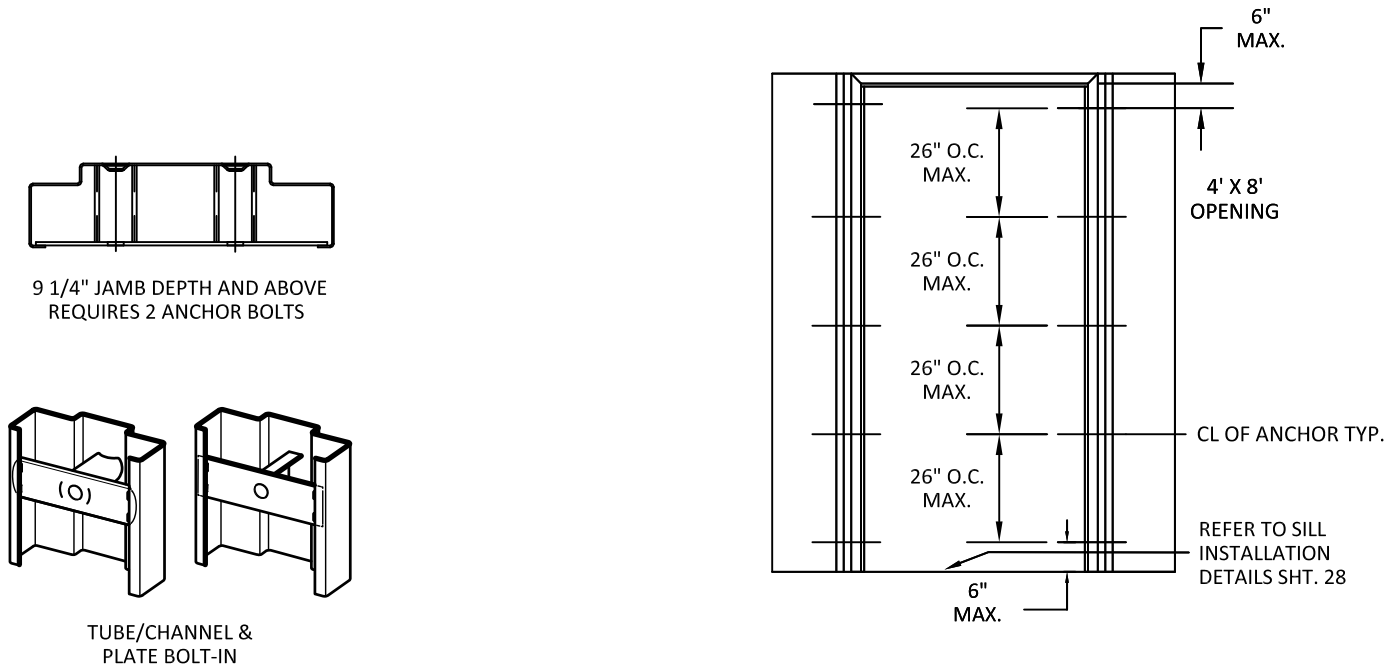
DATE: 04.24.23

DWG. BY: DI CHK. BY: HFN

SCALE: NTS

DWG. #: LSDA330

SHEET: 25 OF 28



NOTE:  
1. 3/8" BOLTS AND NUTS 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 AT LEAST 108 #/FT. LOAD FOR  
ASSEMBLIES RATED @ 50 PSF.  
2.NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY  
MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.  
3.SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR  
SILICONE CAULK  
4.INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR SILICONE CAULK  
FULL LENGTH OF SILL  
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REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT  
SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR REVIEW AND APPROVAL BY  
THE LOCAL AHJ.



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

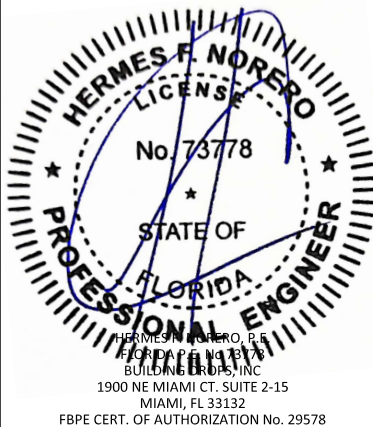
TITLE: LOUVERED OUTSWING/INSWING  
COMMERCIAL STEEL  
SINGLE DOOR SYSTEMS  
(NON-HVHZ)(NON-IMPACT)  
REPUBLIC DOORS: ANCHORS - FRAMES  
BOLTED TO BUILDING STRUCTURE

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



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|-------------------|----|----------|
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DOCUMENTS FOR USE WITH THIS DOCUMENT.



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DATE: 04.24.23

DWG. BY: DI  
CHK. BY: HFN

SCALE: NTS

DWG. #: LSDA330

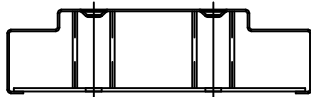
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26

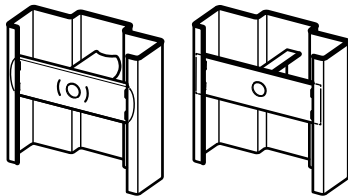
8

WELDED ANCHOR  
SHIM OR STEEL BUILDING  
STRUCTURE

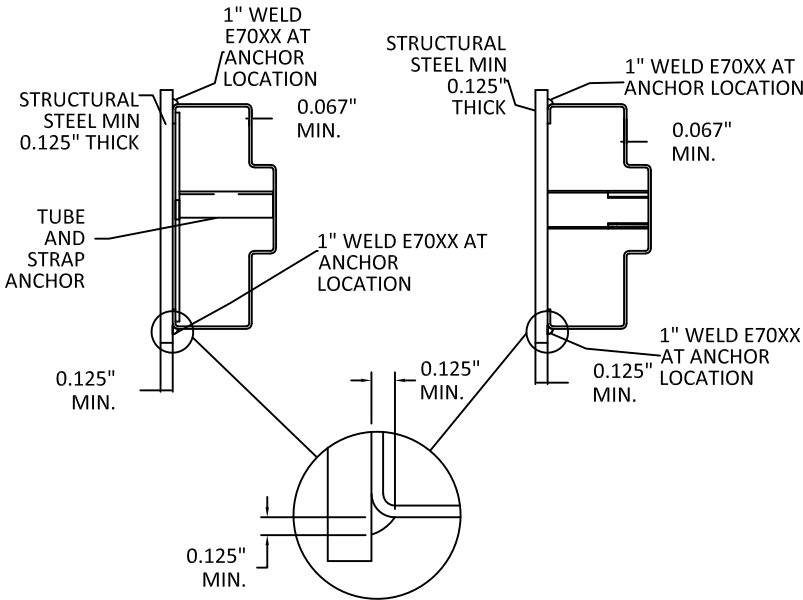
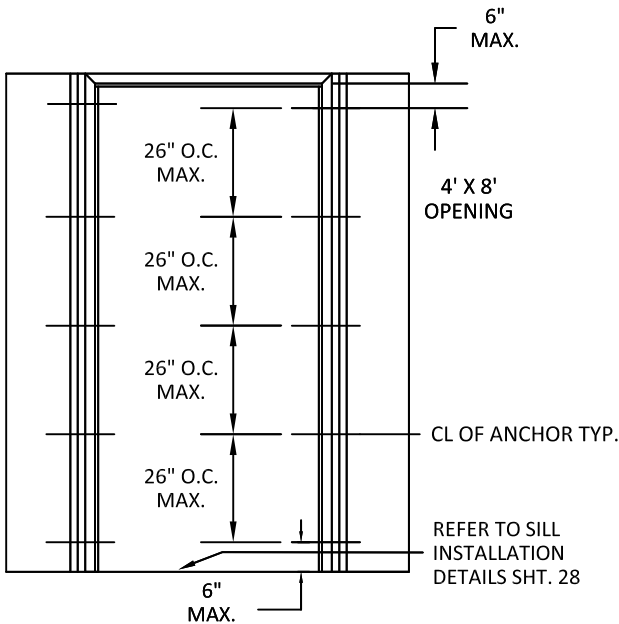
SEE PAGE 14 FOR  
OPTION 1 ANCHOR DETAILS



9 1/4" JAMB DEPTH AND ABOVE  
REQUIRES 2 ANCHOR BOLTS



TUBE/CHANNEL &  
PLATE BOLT-IN



NOTES:  
1.(\*)WOOD OR (\*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 108 #/FT. LOAD FOR ASSEMBLIES RATED @ 50 PSF.  
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4.INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR SILICONE CAULK FULL LENGTH OF SILL  
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ALLEGION - SCHLAGE LOCK COMPANY, LLC.  
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CARMEL, IN 46032  
PH: (317) 715-4073

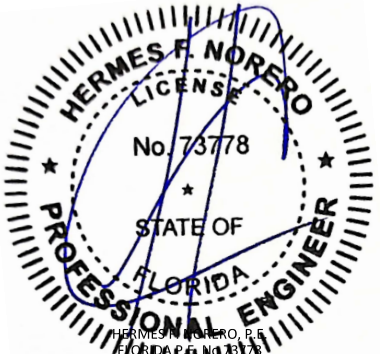
TITLE: LOUVERED OUTSWING/INSWING  
COMMERCIAL STEEL  
SINGLE DOOR SYSTEMS  
(NON-HVHZ)(NON-IMPACT)  
  
REPUBLIC DOORS: ANCHORS - FRAMES  
WELDED TO STEEL STRUCTURE BUILDING

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

**BUILDING DROPS**

| REMARKS           | BY | DATE     |
|-------------------|----|----------|
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HERMES F. NORERO, P.E.  
1900 NE MIAMI CT, SUITE 2-15  
MIAMI, FL 33132  
FBPE CERT. OF AUTHORIZATION No. 29578

FL10356

DATE: 04.24.23

DWG. BY: DI  
CHK. BY: HFN

SCALE: NTS

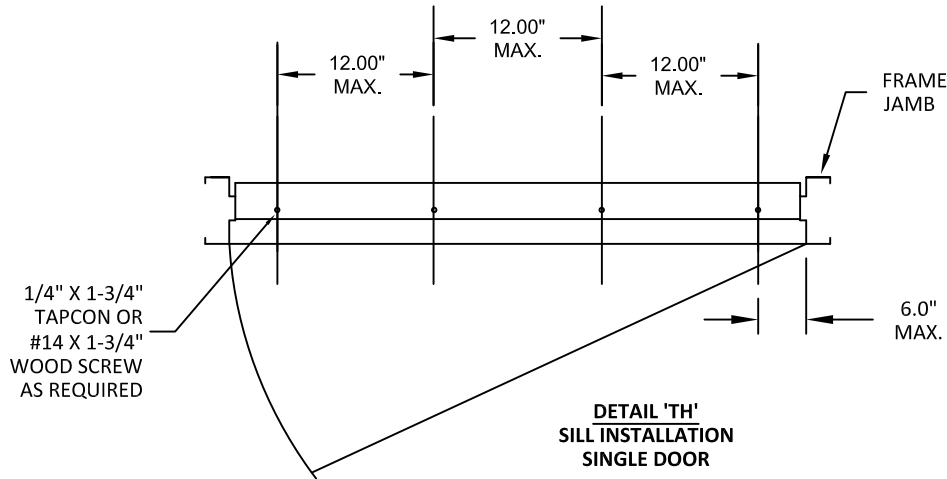
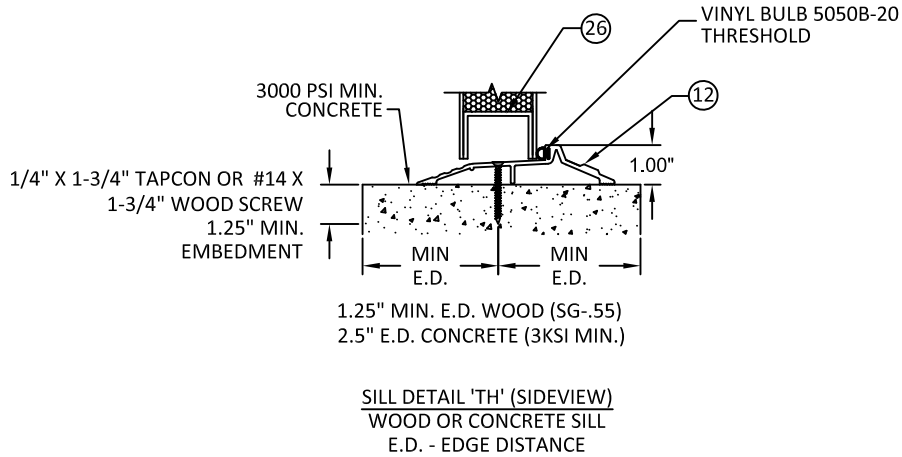
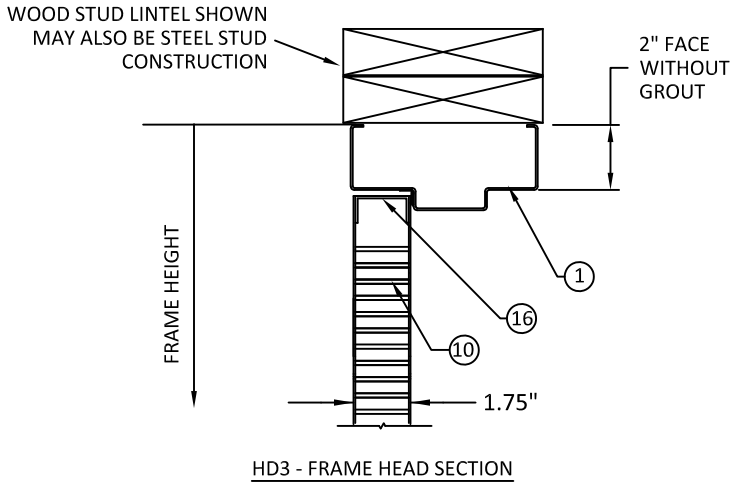
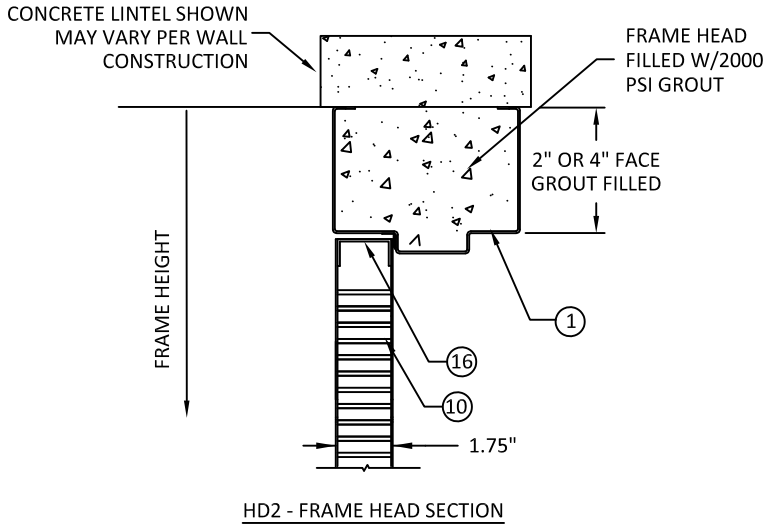
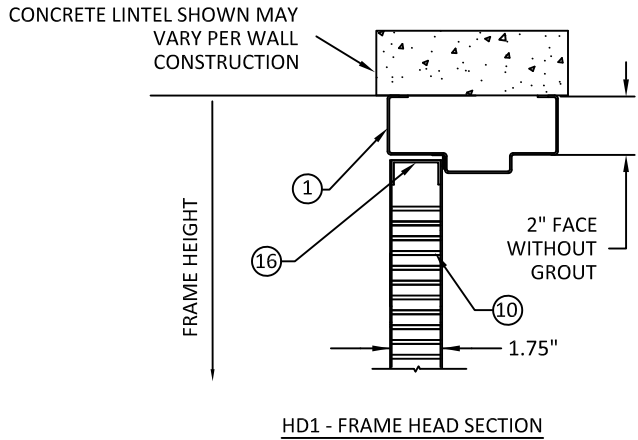
DWG. #: LSDA330

SHEET:

27

OF 28

SEE PAGE 15 FOR  
OPTION 1 ANCHOR DETAILS



NOTES:  
1. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.  
2. SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR SILICONE CAULK  
3. INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR SILICONE CAULK FULL LENGTH OF SILL  
4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS. IF INSTALLATION DEVIATES FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR REVIEW AND APPROVAL BY THE LOCAL AHJ.



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

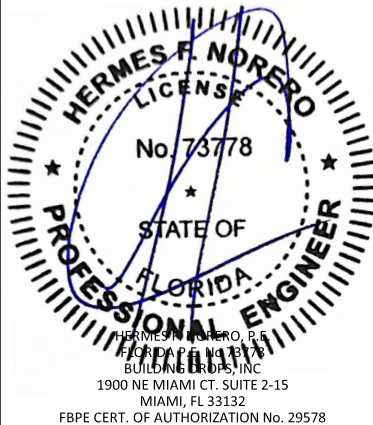
TITLE: LOUVERED OUTSWING/INSWING  
COMMERCIAL STEEL  
SINGLE DOOR SYSTEMS  
(NON-HVHZ)(NON-IMPACT)  
REPUBLIC DOORS: FRAME HEAD  
& SILL ANCHOR DETAILS

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



| REMARKS           | BY | DATE     |
|-------------------|----|----------|
| LOCK ADDITION     | MG | 10.16.23 |
| MPP/ANCHOR UPDATE | SH | 06.13.24 |
| LOCK UPDATE       | JA | 09.09.24 |
| MISC UPDATE       | DI | 12.06.25 |

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.



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28

OF 28