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DE LA FONTAINE

INSWING SINGLE GLAZED STEEL DOOR

(HVHZ)(IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), **INCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
 - ASTM E283-04(12)
 - ASTM E330-14(21)
 - ASTM E1886-19
 - ASTM E1996-17
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND ANCHOR LAYOUT IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. 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.
5. THIS PRODUCT IS LARGE AND SMALL MISSILE IMPACT RESISTANT APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. ELECTRIFIED AND FIRE RATED OPTIONS OF APPROVED HARDWARE ARE DEEMED ACCEPTABLE. INSTALLATION AND USE IS UNDER SEPARATE APPROVAL AND IS REVIEWED BY THE APPROPRIATE AUTHORITY HAVING JURISDICTION. FIRE RATING IS NOT PART OF THIS APPROVAL. CONSULT THE MANUFACTURER FOR APPROVED CONFIGURATIONS AND FIRE RATING SPECIFICATIONS.
7. OPTIONAL RACEWAYS, POWER TRANSFERS, MONITORING SWITCHES, AND SUPPLEMENTAL MAGNETIC LOCKS MAY BE USED AS ALLOWED BY THE CURRENT FLORIDA BUILDING CODE GIVEN THE IMPLEMENTATION DOES NOT EFFECT THE MECHANICAL PROPERTIES OF HARDWARE AND/OR INHIBIT EGRESS. TO BE REVIEWED BY THE BUILDING OFFICIAL OR THE APPROPRIATE AUTHORITY HAVING JURISDICTION.

CONSTRUCTION NOTES:

1. DOOR CONSTRUCTION:
 - 1.1. PANEL MATERIAL: 18 GA. A40/A60/G90 GALV. STEEL MIN. (0.042" MIN.)
 - 1.2. OVERALL PANEL THICKNESS: MIN. 1 3/4 INCH TO MAX. 2 1/4 INCH
 - 1.3. DOOR CORES:
 - 1.3.1. HONEYCOMB
 - 1.3.2. POLYSTYRENE
 - 1.3.3. POLYURETHANE
 - 1.3.4. STEEL STIFFENED (POLYSTYRENE OR POLYURETHANE)
 - 1.4. EDGE SEAMS:
 - 1.4.1. STANDARD LOCK WELDED AT THE TOP AND BOTTOM.
 - 1.4.3. STANDARD LOCK WITH EPOXY FILLED AND GRINDED SMOOTH SEAM
 - 1.4.4. CONTINUOUS WELD LOCK SEAM
 - 1.5. TWO (2) TOP AND ONE (1) BOTTOM CHANNELS ARE 16 GA. STEEL AND ARE SPOT WELDED TO EACH FACE SHEET 3" O.C.
 - 1.6. HINGES:
 - 1.6.1. HAGER BB1191
 - 1.6.2. HAGER BB1168
 - 1.6.3. HAGER BB1199
 - 1.6.4. HAGER BB1279
 - 1.6.5. HAGER 780-112 ROTON
 - 1.7. HINGE REINFORCEMENTS ARE LOCATED AT EACH HINGE LOCATION.
 - 1.8. LOCK REINFORCEMENTS ARE USED WHEN APPLICABLE.
2. FRAME CONSTRUCTION:
 - 2.1. FRAME MATERIAL: 16 GA. A40/A60/G90 GALV. STEEL MIN. (0.054" MIN.)
 - 2.2. FRAME DEPTH: 5.75" MIN. (DOUBLE RETURNS QUALIFIED)
 - 2.3. CORNER CONSTRUCTION:
 - 2.3.1. KNOCK-DOWN
 - 2.3.2. FACE WELD
 - 2.3.3. FULL WELD
 - 2.4. HINGE REINFORCEMENT IS LOCATED AT EACH HINGE LOCATION.
 - 2.5. LOCK STRIKE REINFORCEMENTS ARE USED WHEN APPLICABLE.

FLORIDA BUILDING CODE DESIGN PRESSURES					
CONFIGURATION	LATCHING HARDWARE TYPE	LATCHING HARDWARE SERIES	*WHERE WATER INFILTRATION IS NOT REQUIRED OR IS PROTECTED BY OVERHANG	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED OR IS NOT PROTECTED BY OVERHANG	MISSILE IMPACT RATING
SINGLE	CYLINDRICAL LOCKSET	SCHLAGE D/ND	+/- 70 PSF	NOT APPROVED	LARGE AND SMALL MISSILE IMPACT RATED
		SARGENT 11	+/- 70 PSF		
	MORTISE LOCKSET WITH DEADBOLT	SCHLAGE L9000	+/- 70 PSF		
		SARGENT 8200	+/- 70 PSF		

NOTE: WHEN INSTALLED AT A LOCATION PROTECTED BY AN OVERHANG SUCH THAT:
OVERHANG (OH) RATIO = OH LENGTH ÷ OH HEIGHT IS ≥ 1.0 ,
PRODUCT REQUIRES LIMITED WATER (LW) TESTING IN HVHZ.

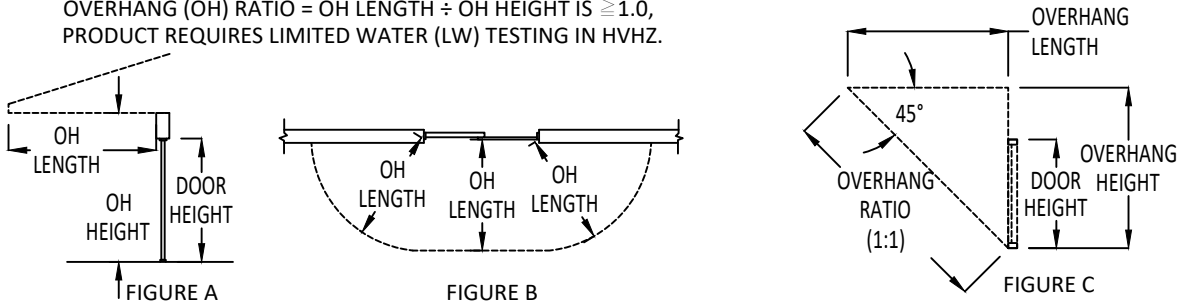


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4115 BRODEUR STREET
SHERBROOKE, QC J1L1K4
PH: (819) 821-9230 FX: (819) 569-5928

TITLE: INSWING SINGLE GLAZED STEEL DOOR (HVHZ) (IMPACT)

GENERAL & CONSTRUCTION NOTES

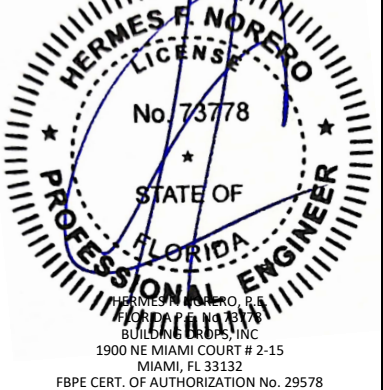
PREPARED BY:

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

REMARKS	BY	DATE
ELECTRIC HDW UPDATE	DI	8/22/24
2026 CODE CHANGE	HJ	6/22/26

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.08.18 14:25:10 -03'00'



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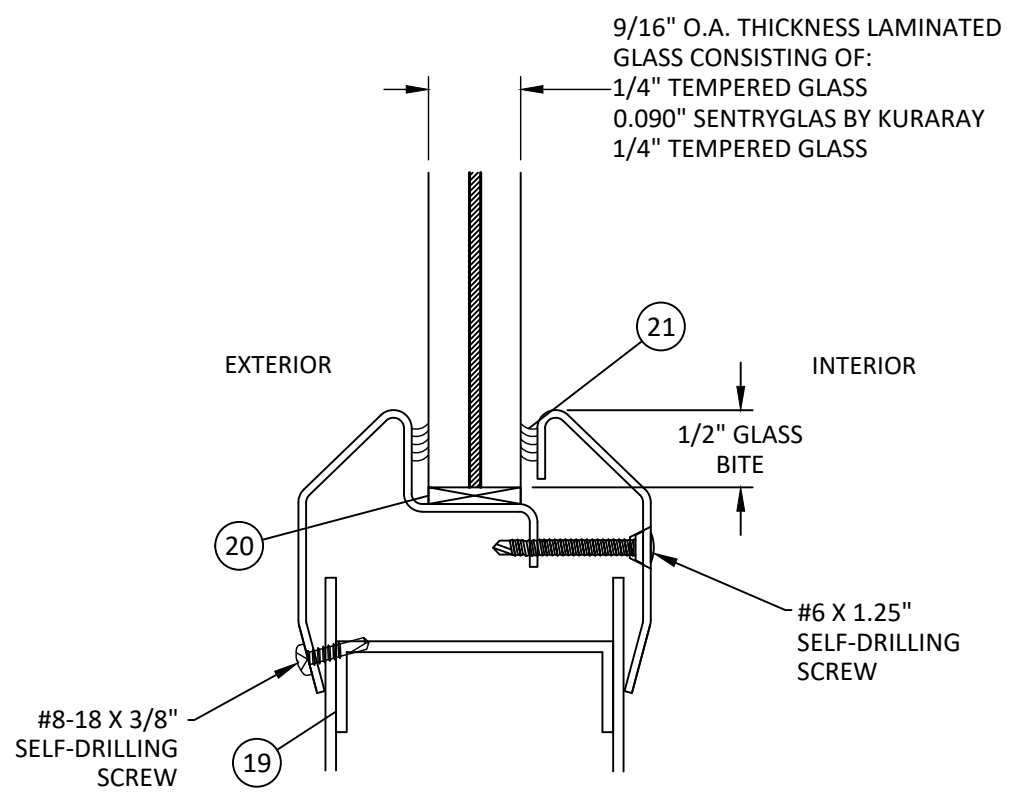
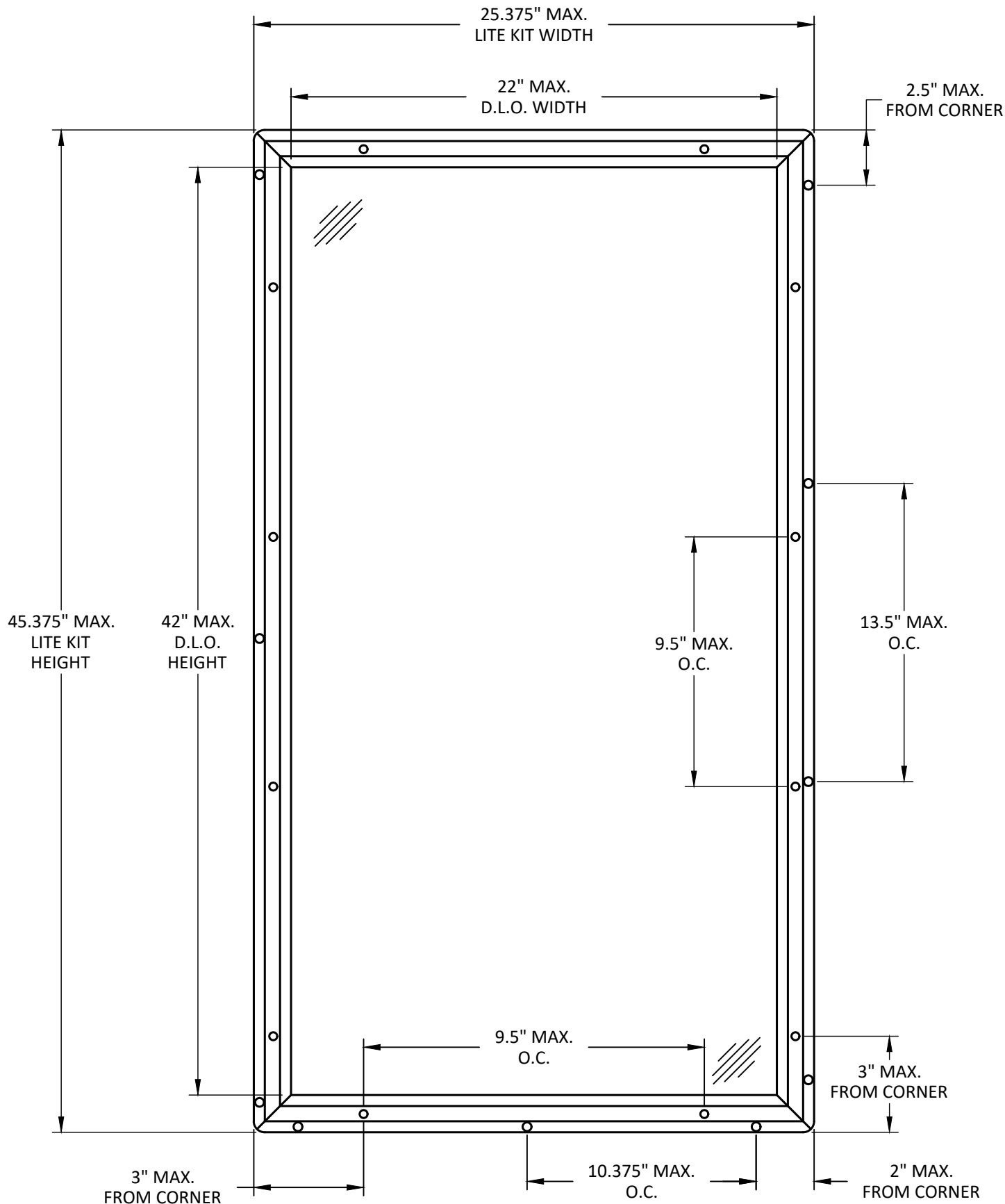
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SHEET: 1

REV. B

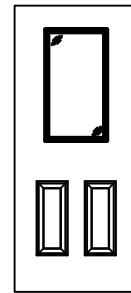
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GLAZING DETAIL

- GLAZING NOTES:**
- GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS. PER THE FBC TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
 - SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
 - SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
 - D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES SHOWN HEREIN.



AVAILABLE DOOR PANEL CONFIGURATIONS

NOTE: CUSTOM EMBOSSING AVAILABLE.
CONTACT MANUFACTURER FOR MORE INFORMATION.

DE LA FONTAINE
STEEL DOORS AND FRAMES

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GLAZING DETAIL & ANCHOR LAYOUT

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

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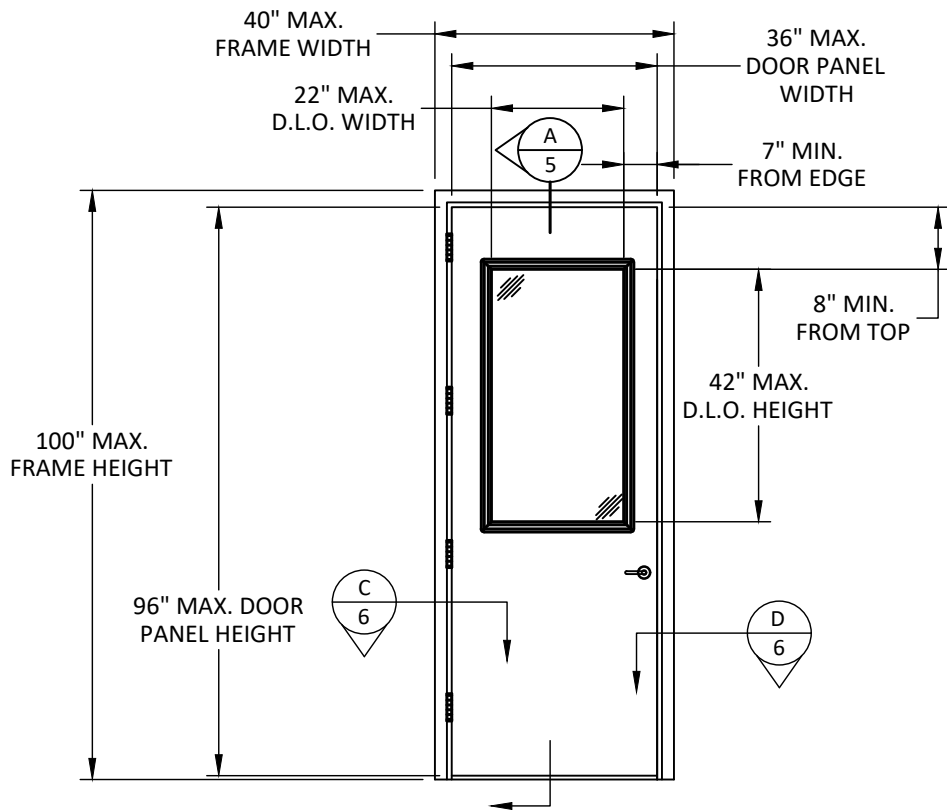
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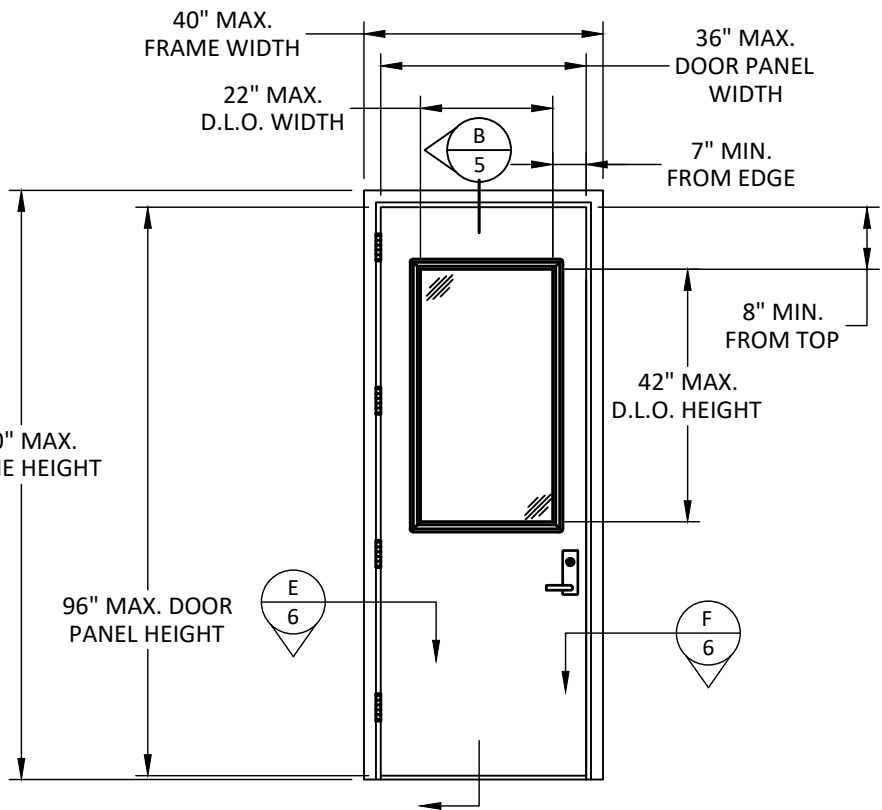
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ELEVATION A
CYLINDRICAL LOCK



ELEVATION B
MORTISE LOCKSET WITH DEAD BOLT

NOTE: MAXIMUM FRAME HEIGHT TO BE 100" WHEN OPTIONAL 4" HEADER FRAME IS USED. USE WITH FULLY WELDED OR FACE WELDED CORNERS ONLY.



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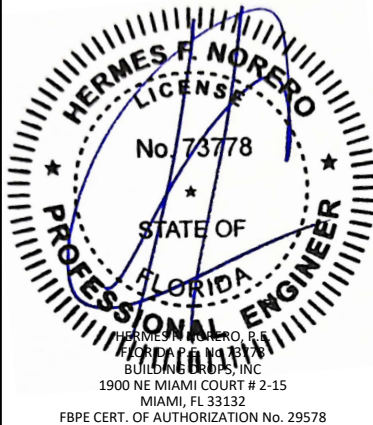
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(HVHZ) (IMPACT)
ELEVATIONS

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ANCHOR LAYOUT AND NOTES

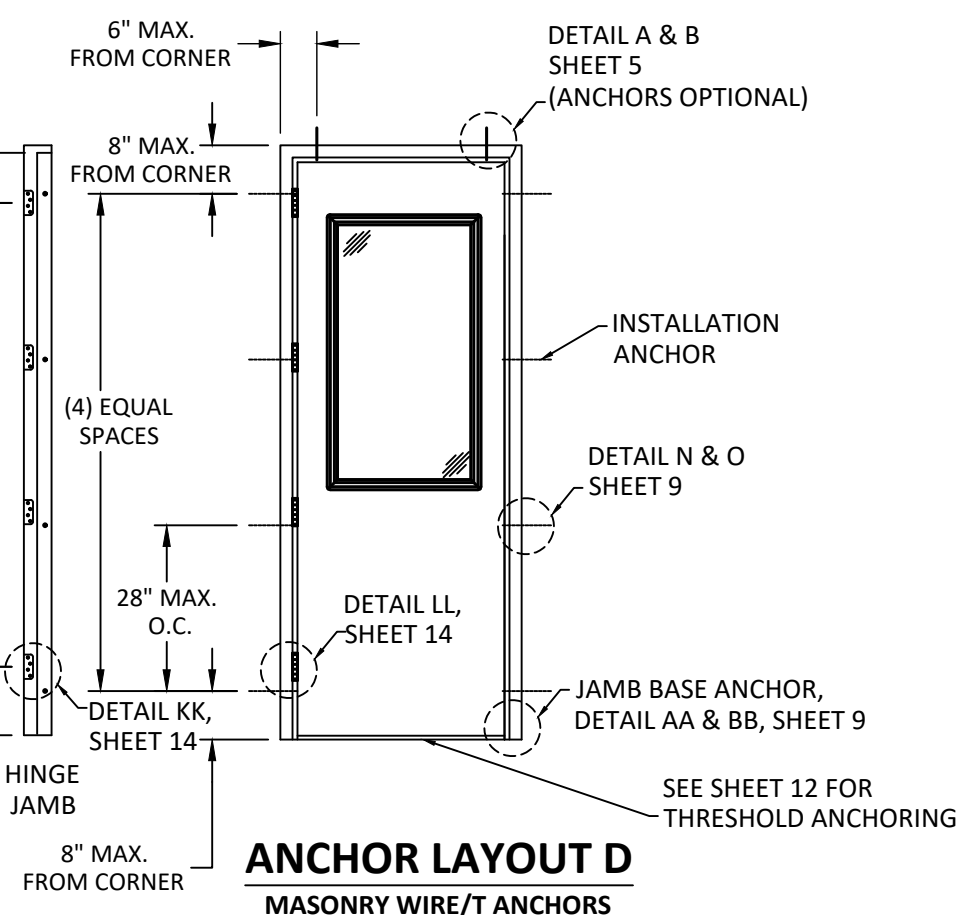
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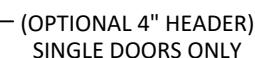


NOTES:
* JAMB BASE ANCHOR IS ONLY
REQUIRED FOR MASONRY WIRE/T,
COMBINATION & Z ANCHORS. NOT
REQUIRED FOR EWA ANCHORS

- SOLID CONCRETE
HEADER BY OTHERS



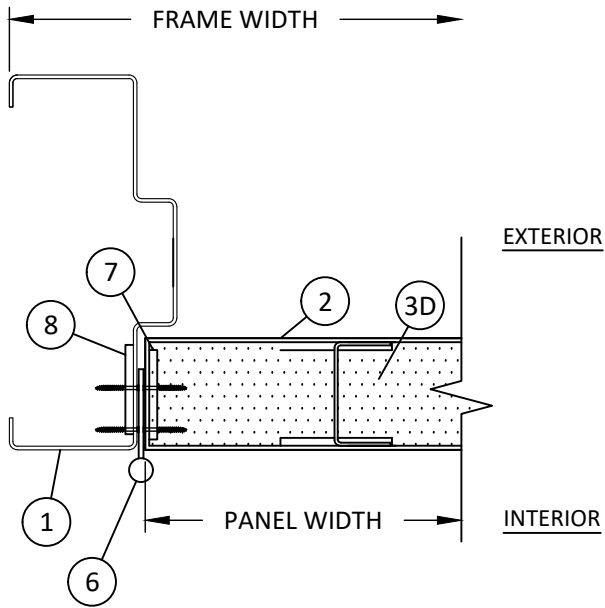
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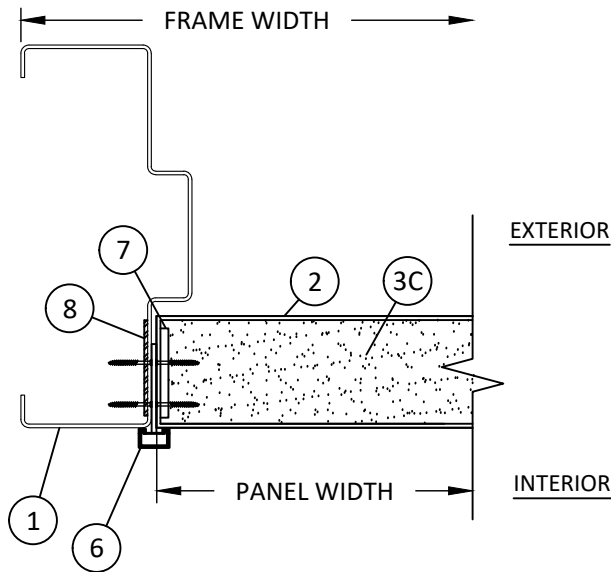
HEAD - 2X WOOD FRAME
SILL - CONCRETE

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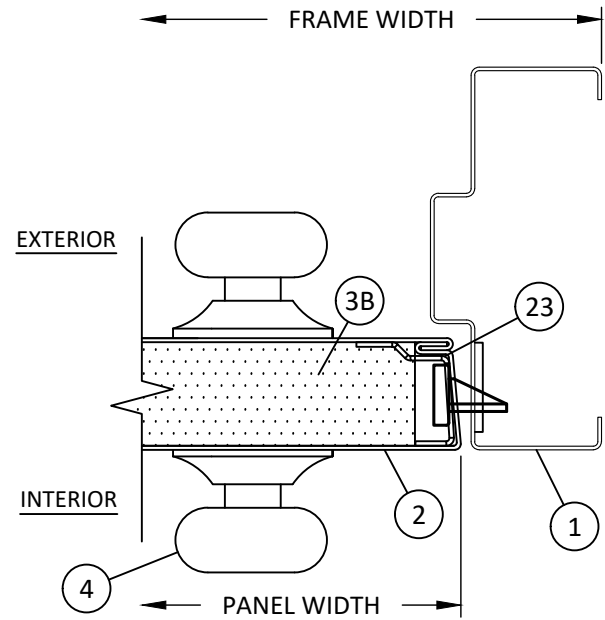


C
6 **HORIZONTAL SECTION**
BUTT HINGE JAMB

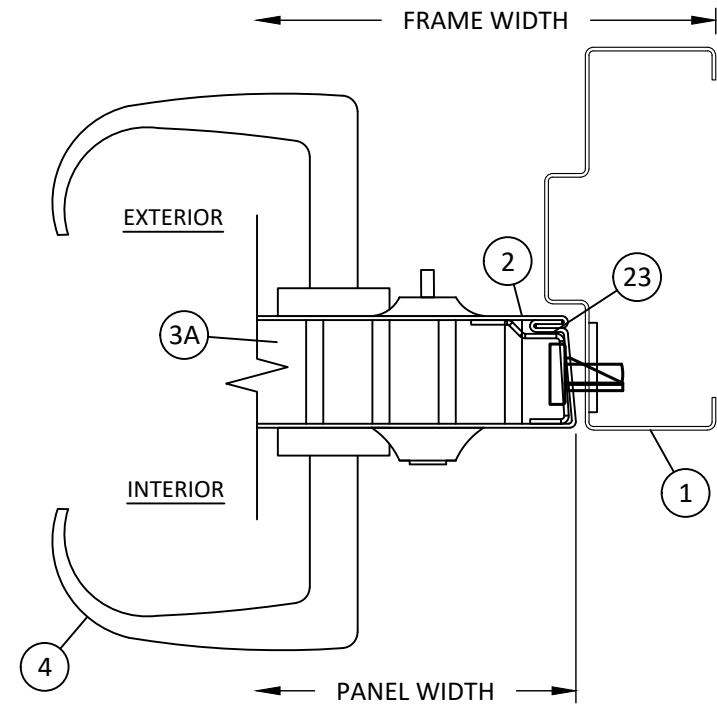


E
6 **HORIZONTAL SECTION**
CONTINUOUS HINGE JAMB

NOTE: DETAILS SHOWN WITH
VARYING DOOR CORE TYPES. ANY
DETAIL IS APPROVED TO BE USED
WITH ANY CORE TYPE.



D
6 **HORIZONTAL SECTION**
CYLINDRICAL LOCK
LOCK JAMB



F
6 **HORIZONTAL SECTION**
MORTISE LOCK WITH DEADBOLT
LOCK JAMB

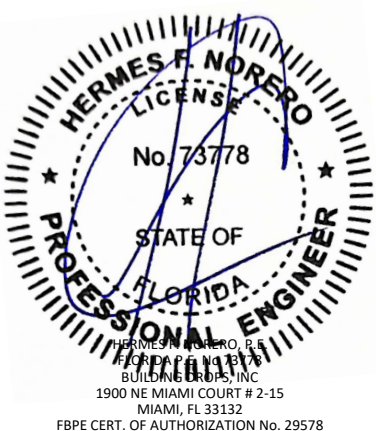
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(HVHZ) (IMPACT)
HORIZONTAL SECTIONS

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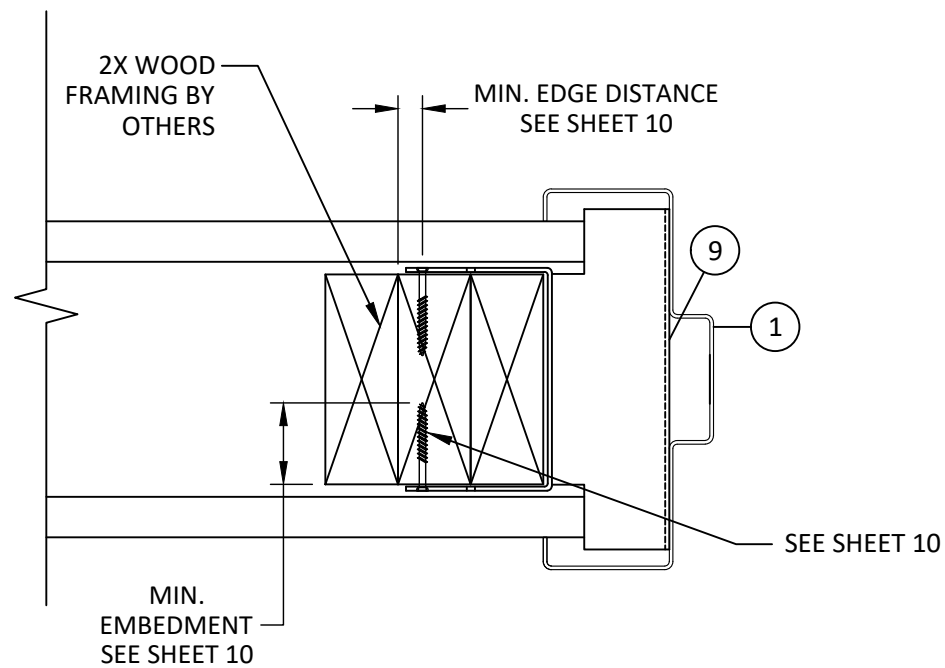
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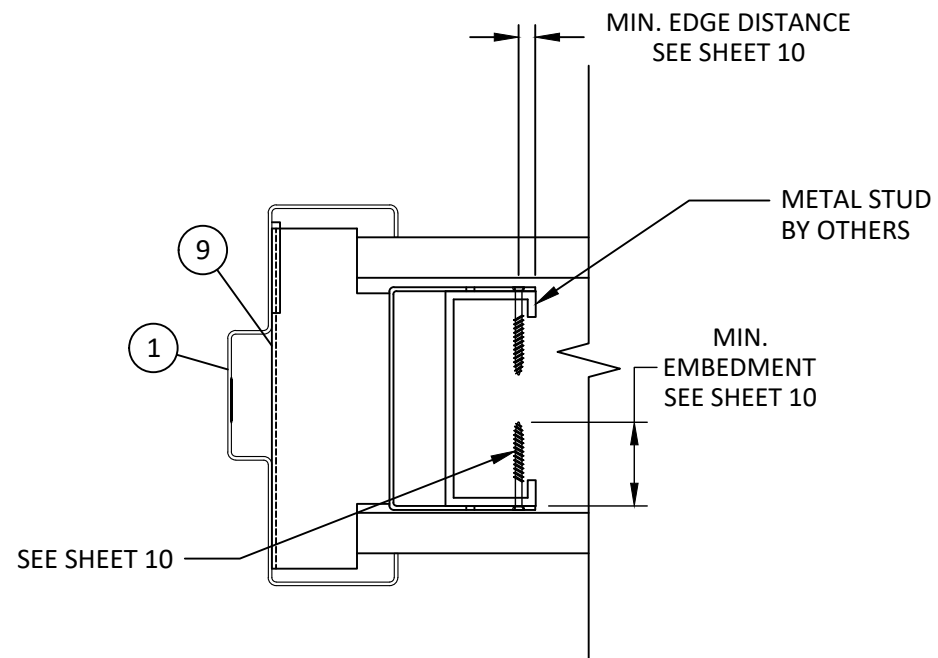
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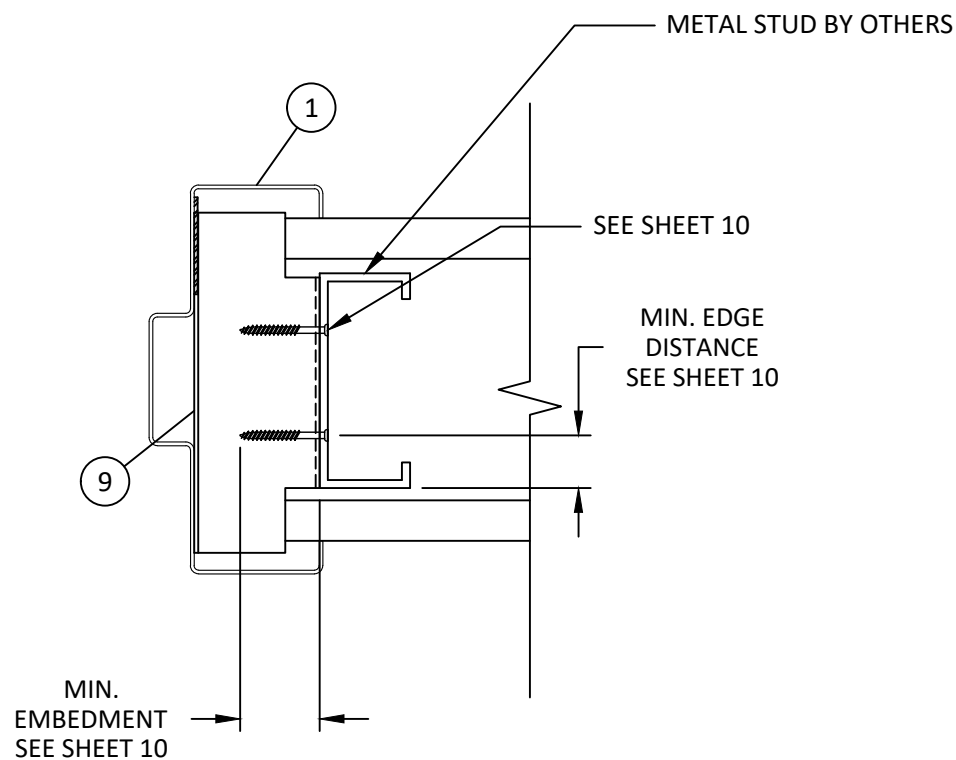
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G
7 **HORIZONTAL SECTION**
COMBINATION ANCHOR
WOOD STUD



H
7 **HORIZONTAL SECTION**
COMBINATION ANCHOR
METAL STUD



I
7 **HORIZONTAL SECTION**
Z ANCHOR
METAL STUD



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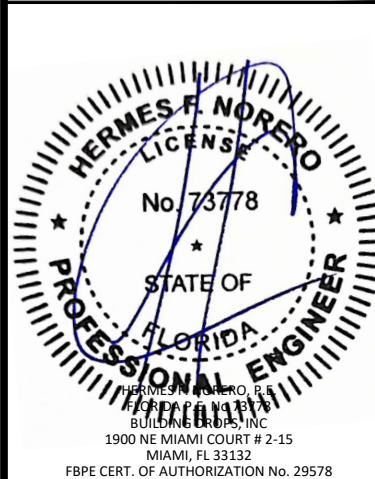
INSTALLATION DETAILS - COMBINATION
AND Z ANCHORS

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BUILDING DROPS

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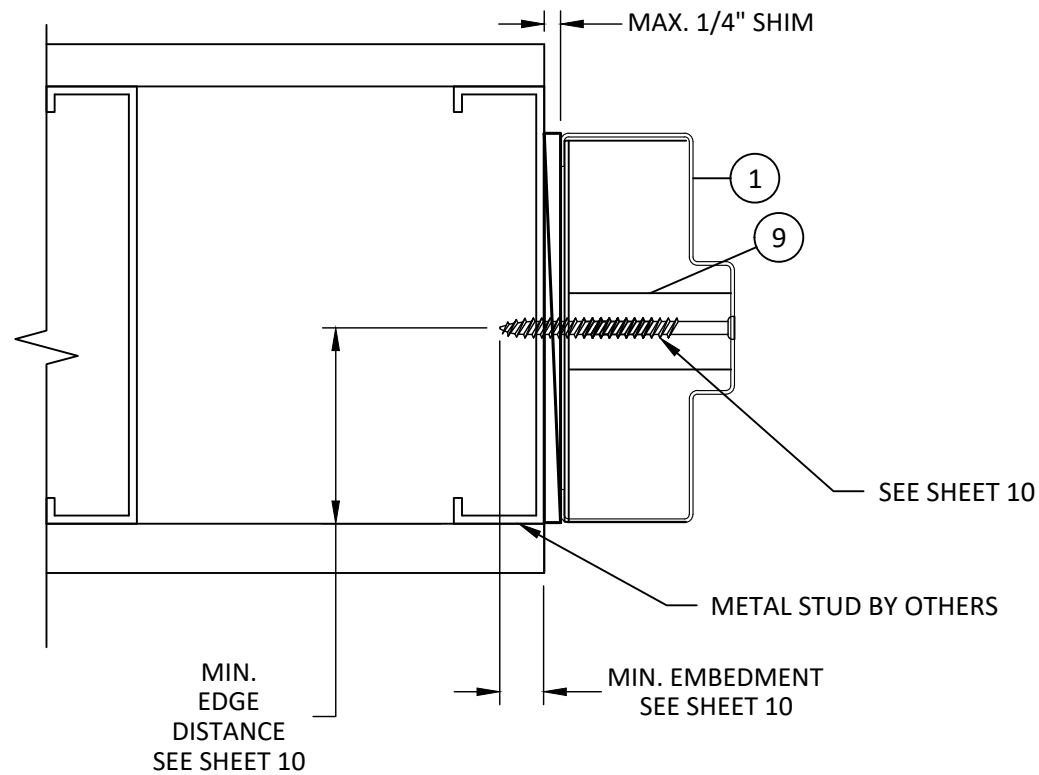
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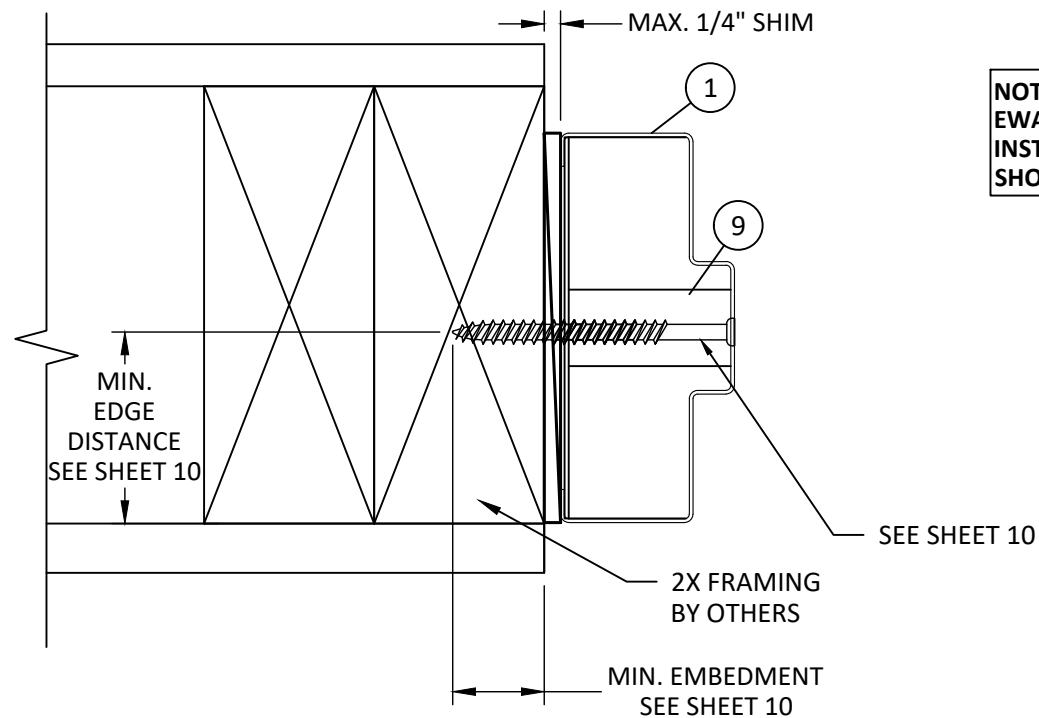
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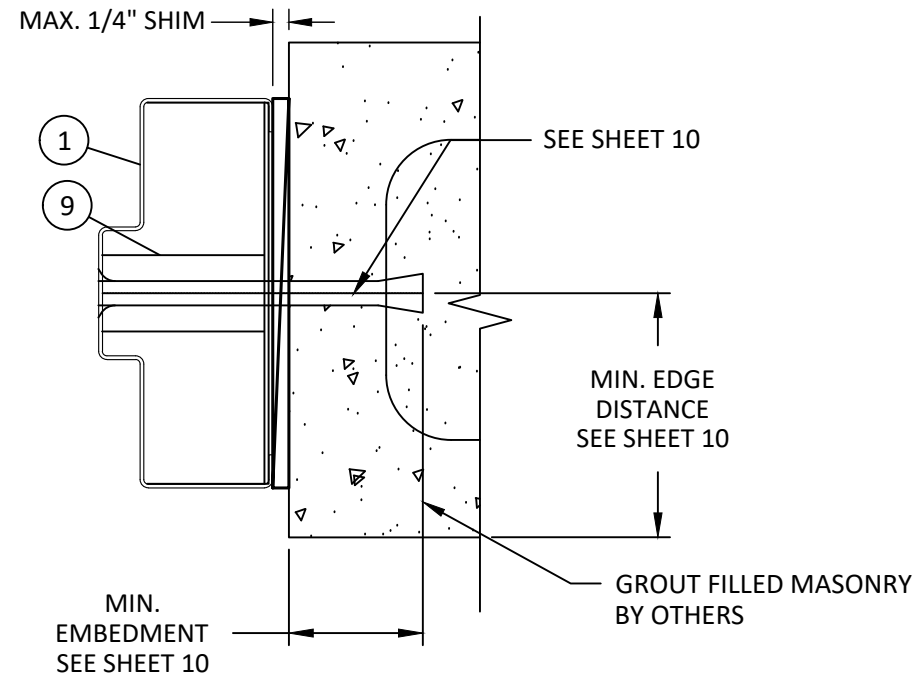


J
8 **HORIZONTAL SECTION**
EWA TUBE ANCHOR
METAL STUD

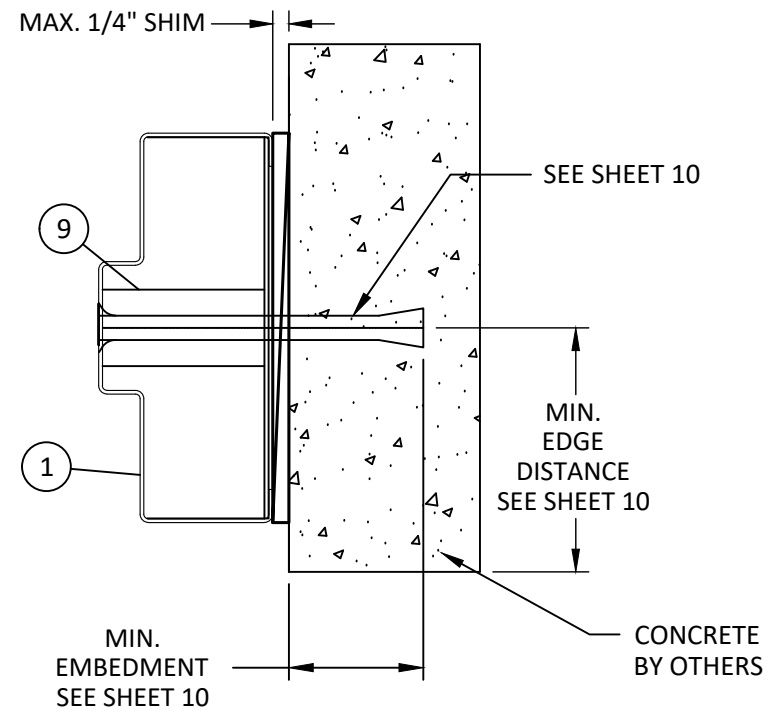


L
8 **HORIZONTAL SECTION**
EWA TUBE ANCHOR
WOOD STUD

NOTE: EWA TUBE SHOWN.
EWA IS QUALIFIED FOR ALL
INSTALLATION SUBSTRATES
SHOWN.



K
8 **HORIZONTAL SECTION**
EWA TUBE ANCHOR
CONCRETE MASONRY UNIT



M
8 **HORIZONTAL SECTION**
EWA TUBE ANCHOR
CONCRETE



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INSTALLATION DETAILS - EWA ANCHORS

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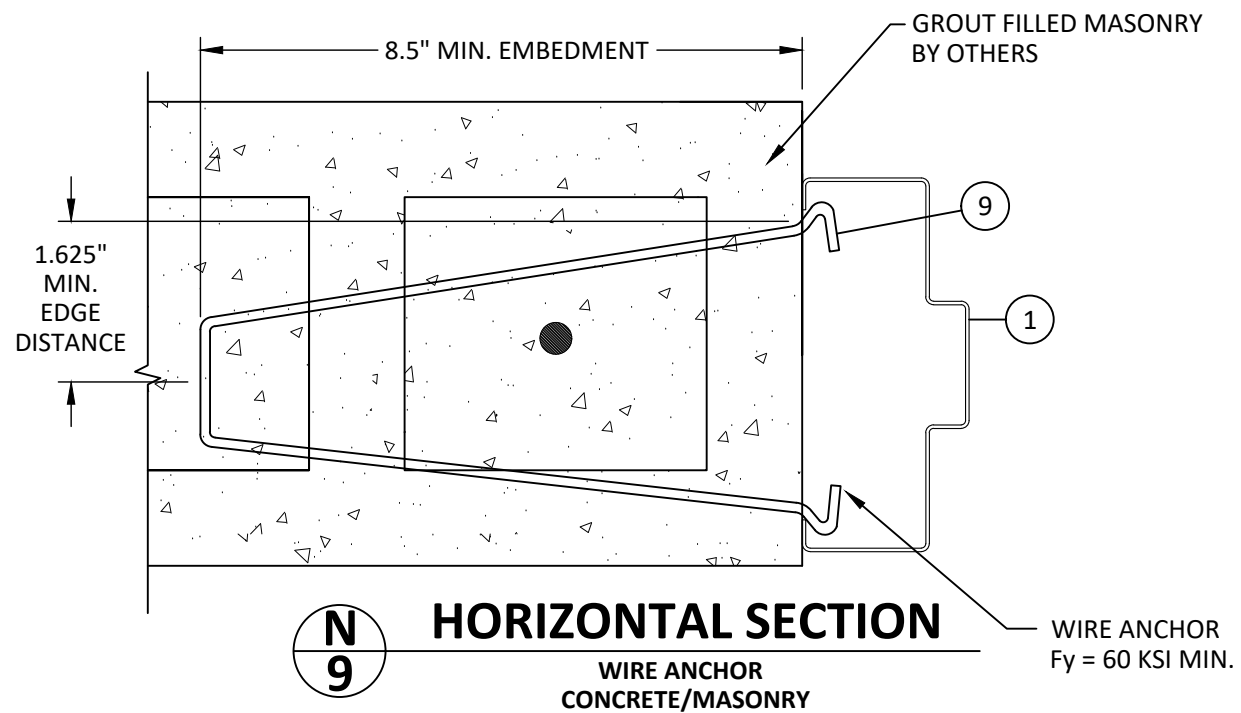
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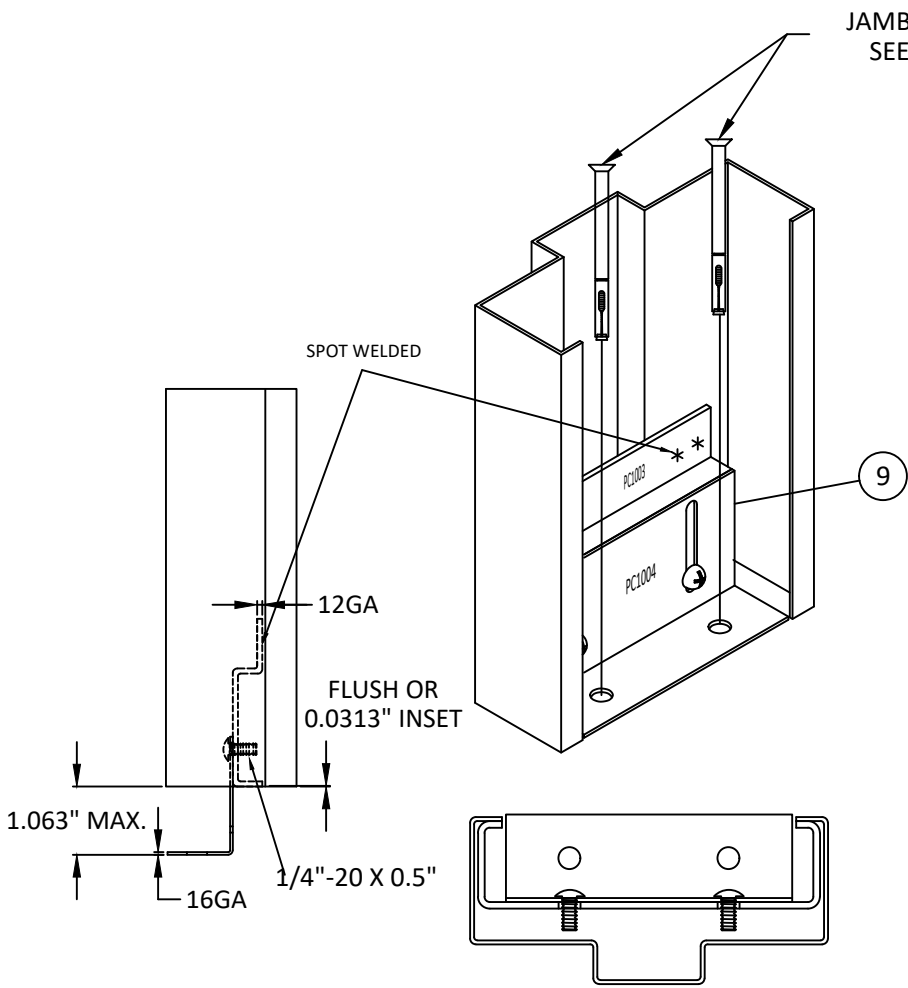
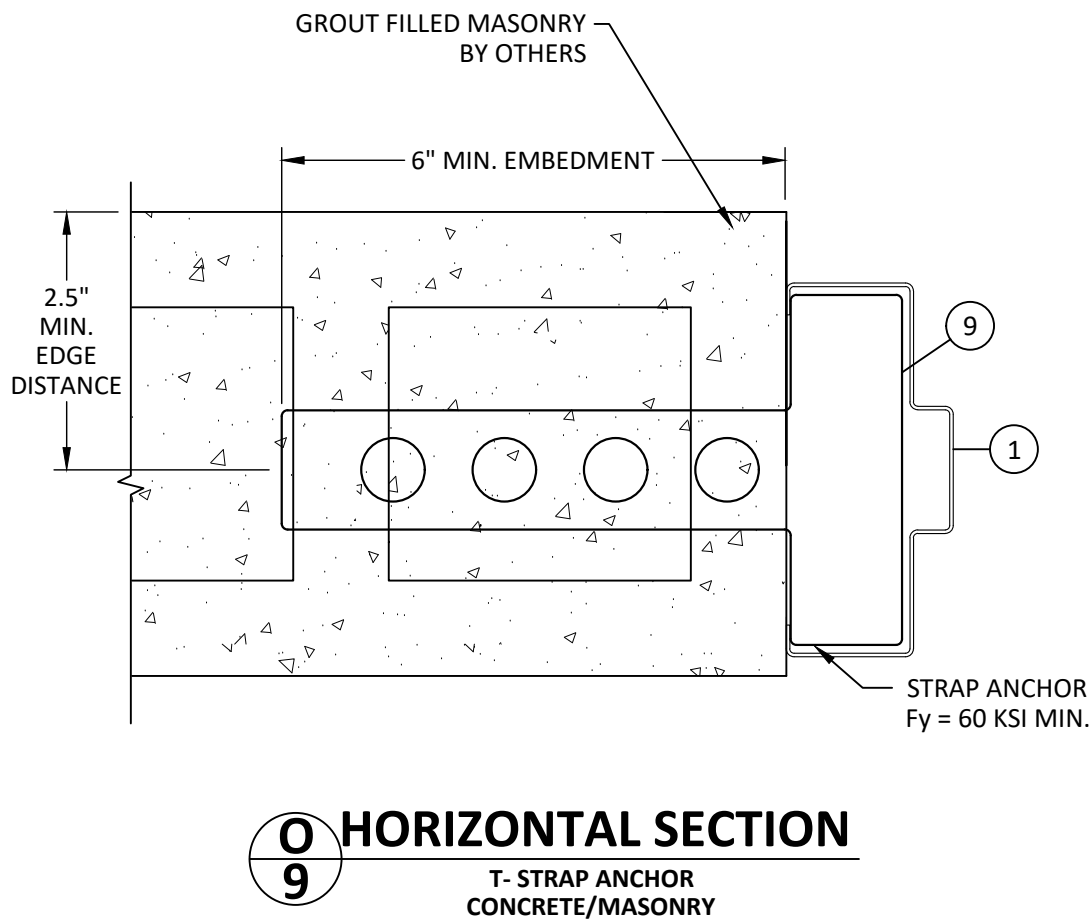
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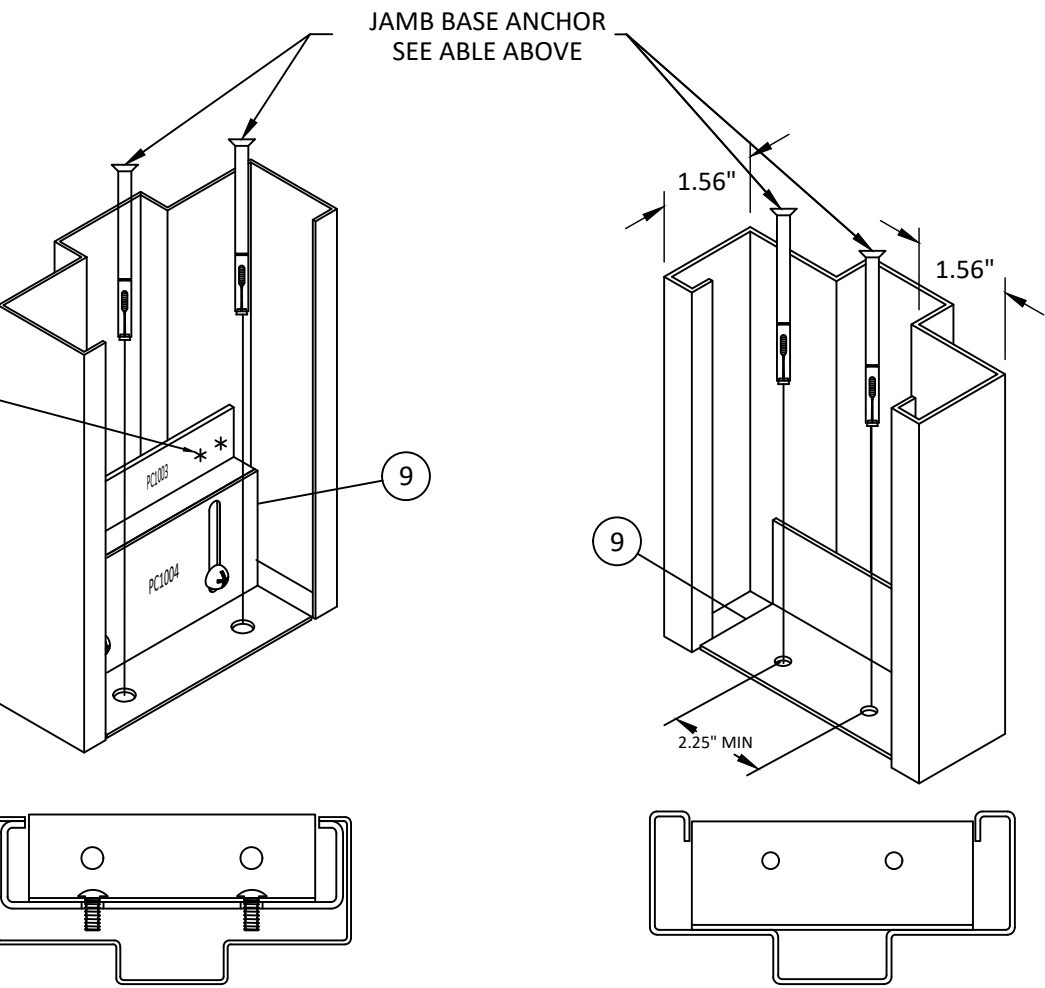
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JAMB BASE ANCHOR SCHEDULE			
SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
WOOD: MIN. S.G. = 0.55	#10 WOOD SCREW	1-1/2"	3/4"
STEEL: MIN. 18 GA. MIN. Fy = 33 ksi	#10 GRADE 5 SELF-DRILLING/ SELF-TAPPING SCREW	3 THREADS MIN PENETRATION BEYOND METAL	1/2"
ALUMINUM: MIN. 1/8" THICK MIN. 6063-T5			
CONCRETE: MIN. f'c = 3000 psi	3/16" ITW TAPCON	1"	2"
MASONRY: CMU per ASTM C90 MIN. 2000 PSI	3/16" ITW TAPCON	1"	2"



NOTE: WELDED OR
ADJUSTABLE BASE ANCHOR TO BE
USED WITH T-STRAP, WIRE,
COMBINATION & Z ANCHOR ONLY



4115 BRODEUR STREET
SHERBROOKE, QC J1L1K4
PH: (819) 821-9230 FX: (819) 569-5928

TITLE: INSWING SINGLE GLAZED
STEEL DOOR
(HVHZ) (IMPACT)

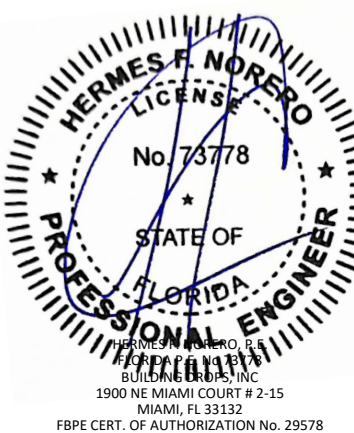
INSTALLATION DETAILS - WIRE/T MASONRY
& JAMB BASE ANCHORS

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



REMARKS	BY	DATE
ELECTRIC HDW UPDATE	DI	8/22/24
2026 CODE CHANGE	HJ	6/22/26

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DWG. #:	DLF005
SHEET:	9

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INSTALLATION NOTES:

1.

ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN UNLESS OTHERWISE NOTED.
2.

THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3.

INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4.

SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
5.

MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
6.

INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.

•

FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.1 (E.G., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).

•

CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).

7.

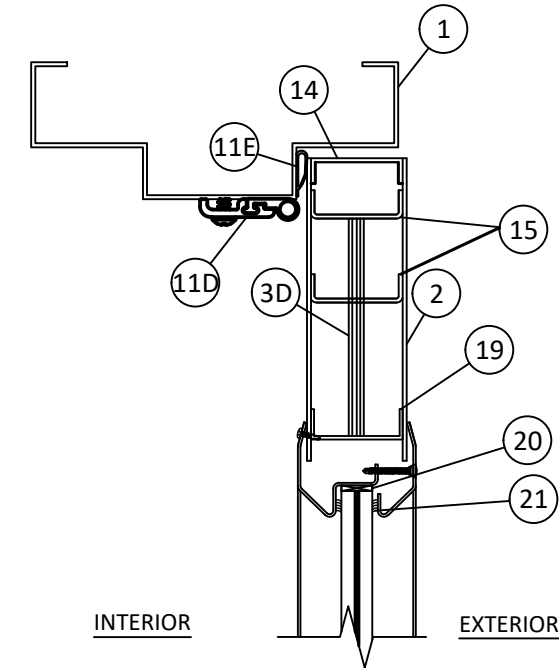
FOR GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.

8.

INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
-
- DETAIL CC
Z ANCHOR
-
- DETAIL DD
COMBINATION WOOD/STEEL STUD ANCHOR
-
- DETAIL EE
EXISTING WALL ANCHOR (EWA)
-
- DETAIL FF
EXISTING WALL ANCHOR (EWA) TUBE
- | EWA TUBE ANCHOR SCHEDULE | | | |
|---|--|--|--------------------|
| SUBSTRATE | ANCHOR TYPE | MIN. EMBEDMENT | MIN. EDGE DISTANCE |
| WOOD:
MIN. S.G. = 0.55 | 3/8" LAG SCREW | 3" | 1" |
| STEEL:
MIN. 18 GA.
MIN. Fy = 33 ksi | 3/8" GRADE 5
SELF-DRILLING/
SELF-TAPPING SCREW | 3 THREADS MIN
PENETRATION BEYOND
METAL | 1/2" |
| ALUMINUM:
MIN. 1/8" THICK
MIN. 6063-T5 | | | |
| CONCRETE:
MIN. f'c = 3000 psi | 3/8" ITW TAPCON | 1-1/2" | 2-1/4" |
| | 3/8" ITW DYNABOLT | 1-1/2" | 2-1/4" |
| MASONRY:
CMU per ASTM C90
MIN. 2000 PSI | 3/8" ITW TAPCON | 1-1/2" | 2-1/4" |
| | 3/8" ITW DYNABOLT | 1-1/2" | 2-1/4" |
- | Z ANCHOR SCHEDULE | | | |
|--|---|--|--------------------|
| SUBSTRATE | ANCHOR TYPE | MIN. EMBEDMENT | MIN. EDGE DISTANCE |
| STEEL:
MIN. 18 GA.
MIN. Fy = 33 ksi | #10 GRADE 5
SELF-DRILLING/
SELF-TAPPING SCREW | 3 THREADS MIN
PENETRATION BEYOND
METAL | 1/2" |
| ALUMINUM:
MIN. 1/8" THICK
MIN. 6063-T5 | | | |
- | COMBINATION ANCHOR SCHEDULE | | | |
|--|---|--|--------------------|
| SUBSTRATE | ANCHOR TYPE | MIN. EMBEDMENT | MIN. EDGE DISTANCE |
| WOOD:
MIN. S.G. = 0.55 | #10 WOOD SCREW | 1-1/2" | 1/2" |
| STEEL:
MIN. 18 GA.
MIN. Fy = 33 ksi | #10 GRADE 5
SELF-DRILLING/
SELF-TAPPING SCREW | 3 THREADS MIN
PENETRATION BEYOND
METAL | 1/2" |
| ALUMINUM:
MIN. 1/8" THICK
MIN. 6063-T5 | | | |
-
- 4115 BRODEUR STREET
SHERBROOKE, QC J1L1K4
PH: (819) 821-9230 FX: (819) 569-5928
- TITLE: INSWING SINGLE GLAZED
STEEL DOOR
(HVHZ) (IMPACT)
- INSTALLATION DETAILS & NOTES
- PREPARED BY: BUILDING DROPS, INC.
- 1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com
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- | REMARKS | BY | DATE |
|---------------------|----|---------|
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| 2026 CODE CHANGE | HJ | 6/22/26 |
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| | | |
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-
- FL46851
- DATE: 06.20.24
- DWG. BY:
DI
- CHK. BY:
HFN
- SCALE: NTS
- DWG. #: DLF005
- SHEET:
- 10
- REV.
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- OF 16

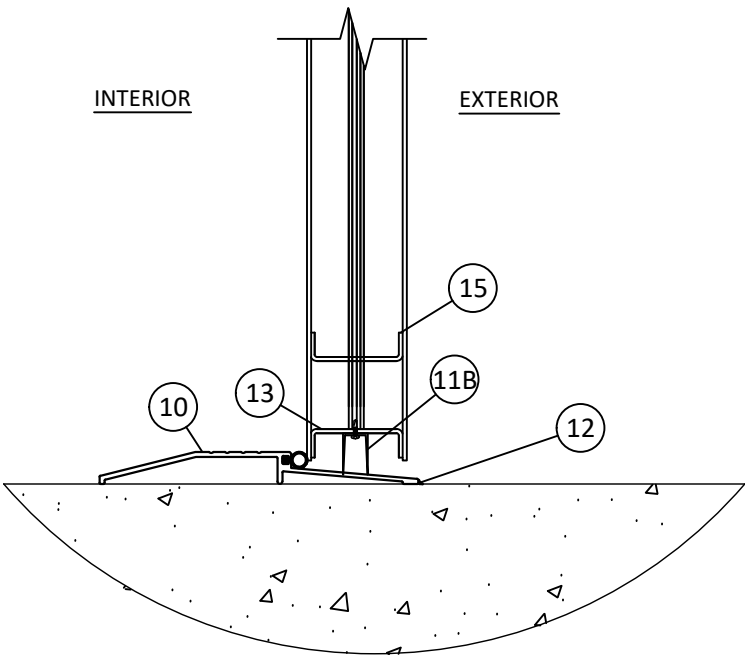
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GASKETING DETAILS FOR
AIR INFILTRATION



INTERIOR

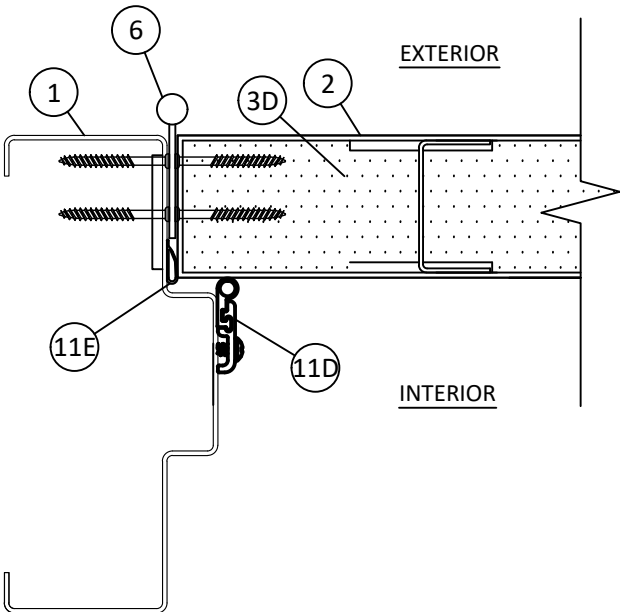
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INTERIOR

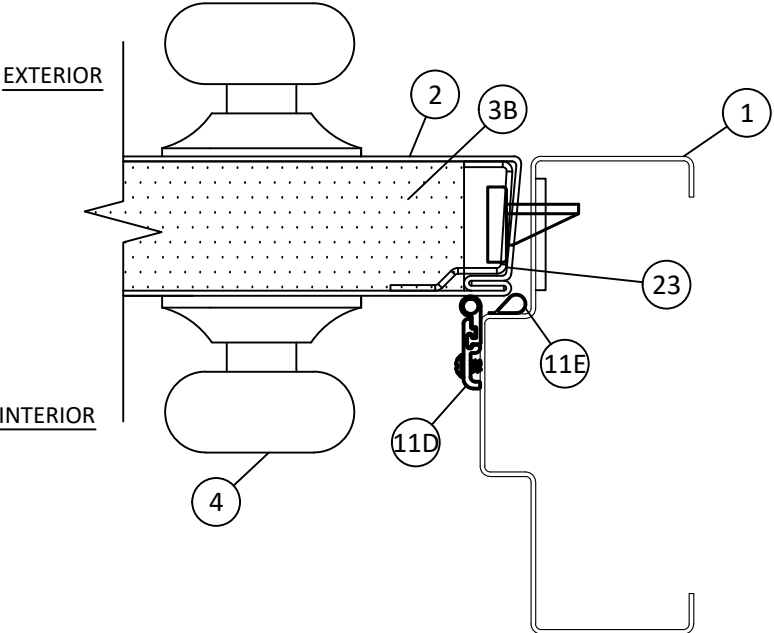
EXTERIOR

P 12 VERTICAL SECTION
AIR INFILTRATION



EXTERIOR

INTERIOR



EXTERIOR

INTERIOR

Q 12 HORIZONTAL SECTION
AIR INFILTRATION

- NOTE:
1. SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR SILICONE CAULK.
 2. INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR SILICONE CAULK.

TITLE: INSWING SINGLE GLAZED
STEEL DOOR
(HVHZ) (IMPACT)
GASKETING DETAILS FOR
AIR INFILTRATION

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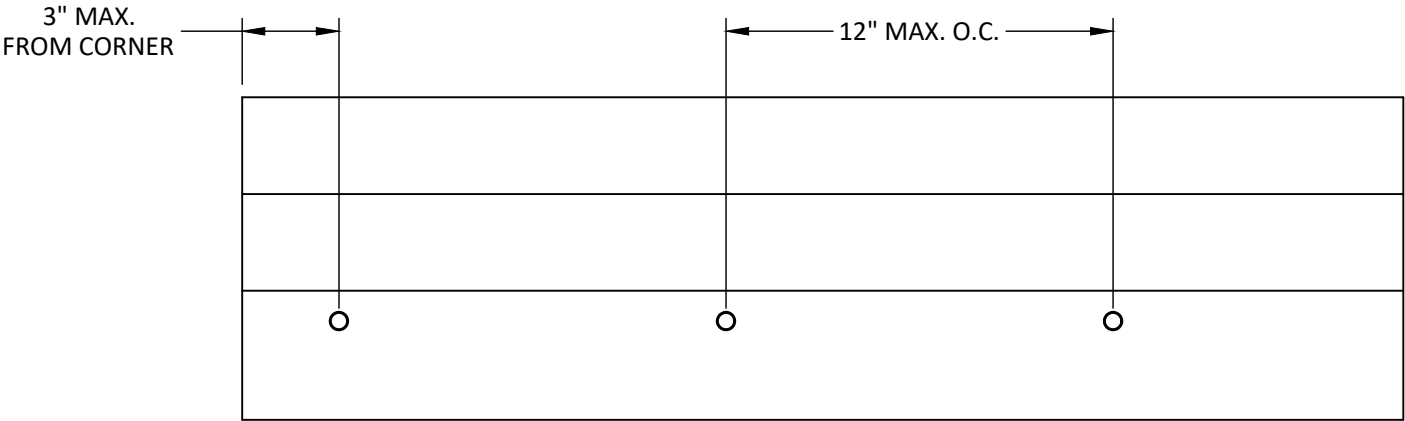
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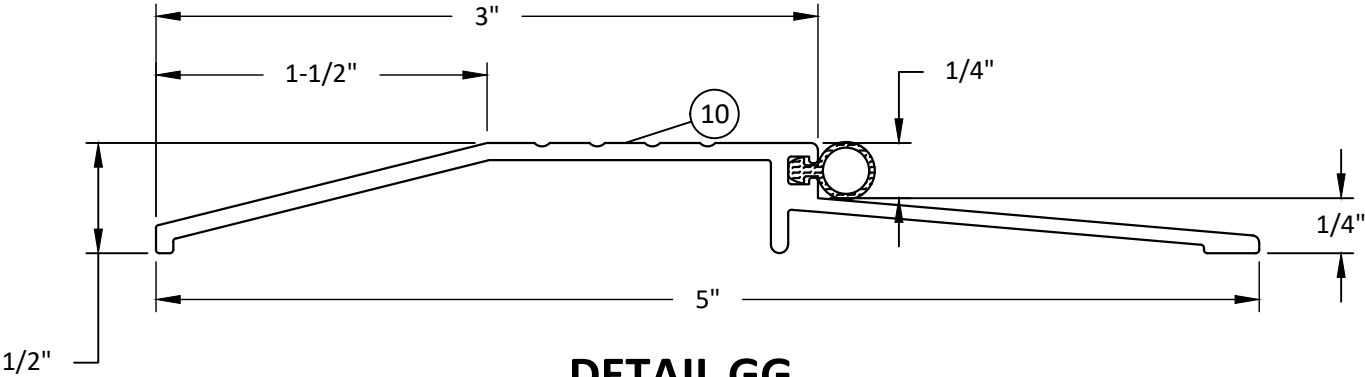
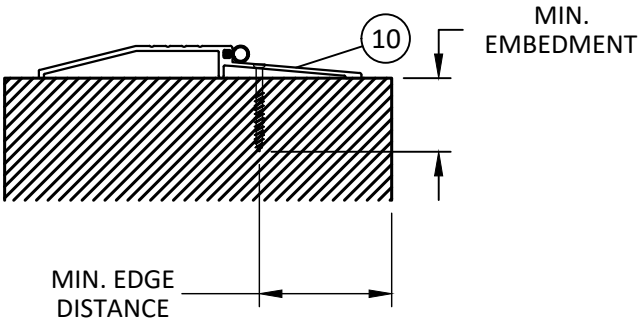


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DWG. #: DLF005	
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THRESHOLD ANCHOR SCHEDULE			
SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
WOOD: MIN. S.G. = 0.55	#14 WOOD SCREW	1-1/2"	3/4"
CONCRETE: MIN. f'c = 3000 psi	1/4" ITW TAPCON	1-1/4"	2-1/2"



DETAIL GG
NGP 950N THRESHOLD



4115 BRODEUR STREET
SHERBROOKE, QC J1L1K4
PH: (819) 821-9230 FX: (819) 569-5928

TITLE: INSWING SINGLE GLAZED
STEEL DOOR
(HVHZ) (IMPACT)

THRESHOLD DETAIL & ANCHOR LAYOUT

PREPARED BY:

BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
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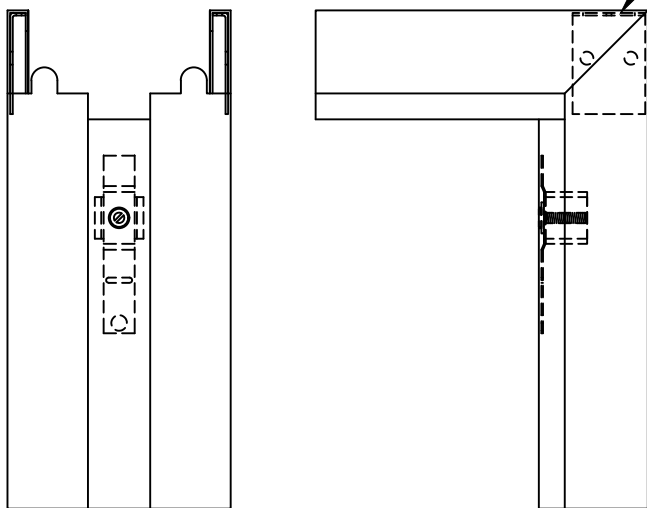
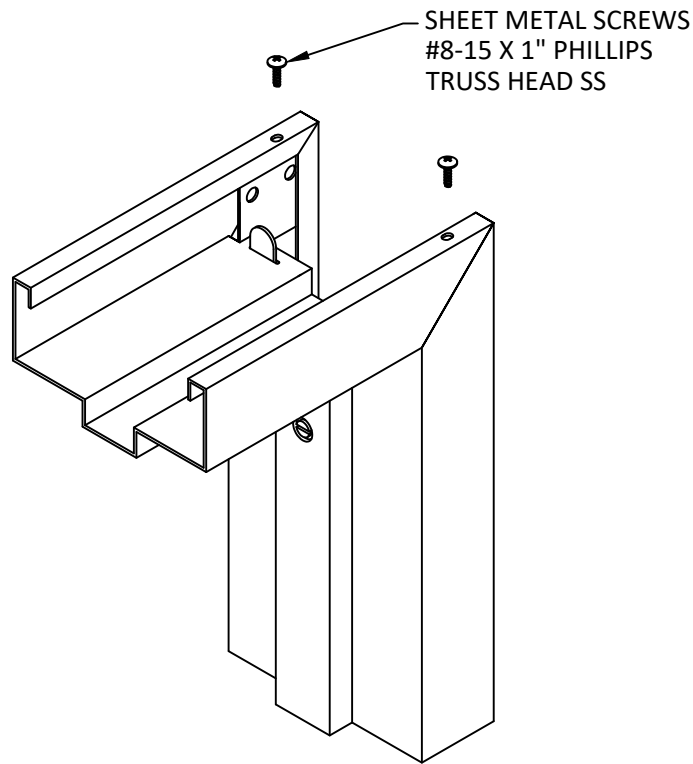
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DI	HFN

SCALE: **NTS**

DWG. #: **DLF005**

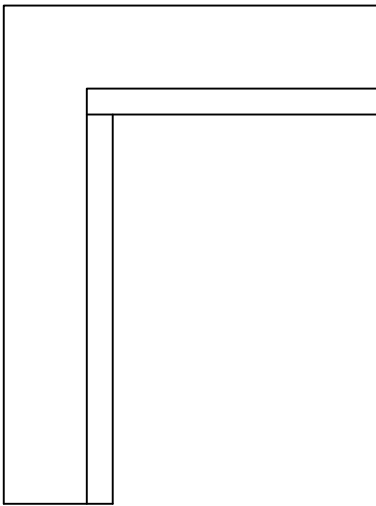
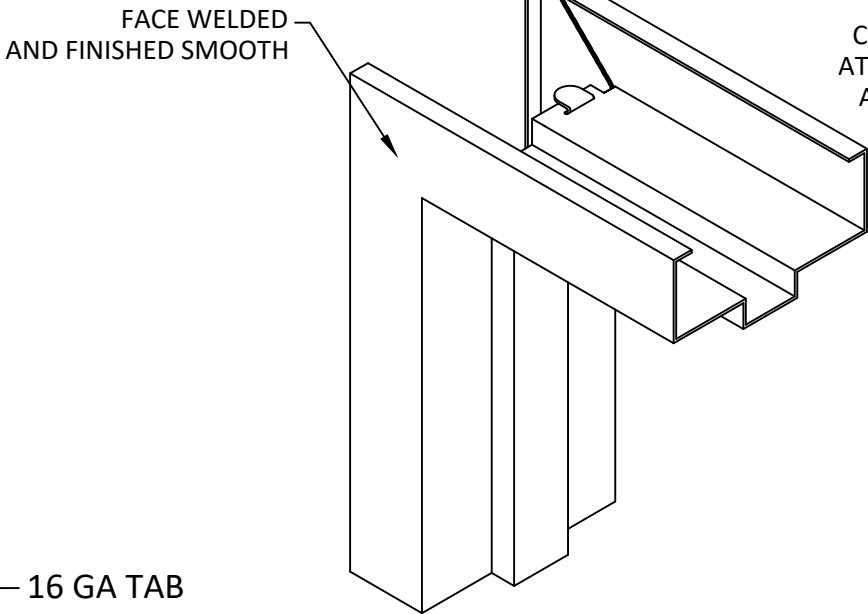
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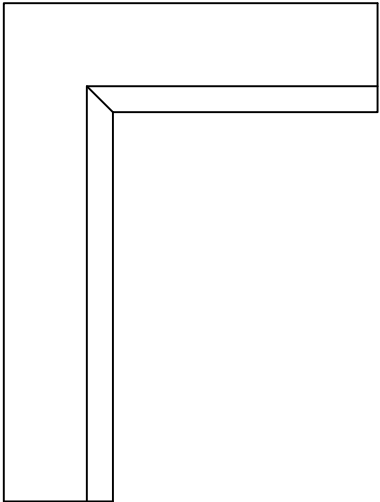
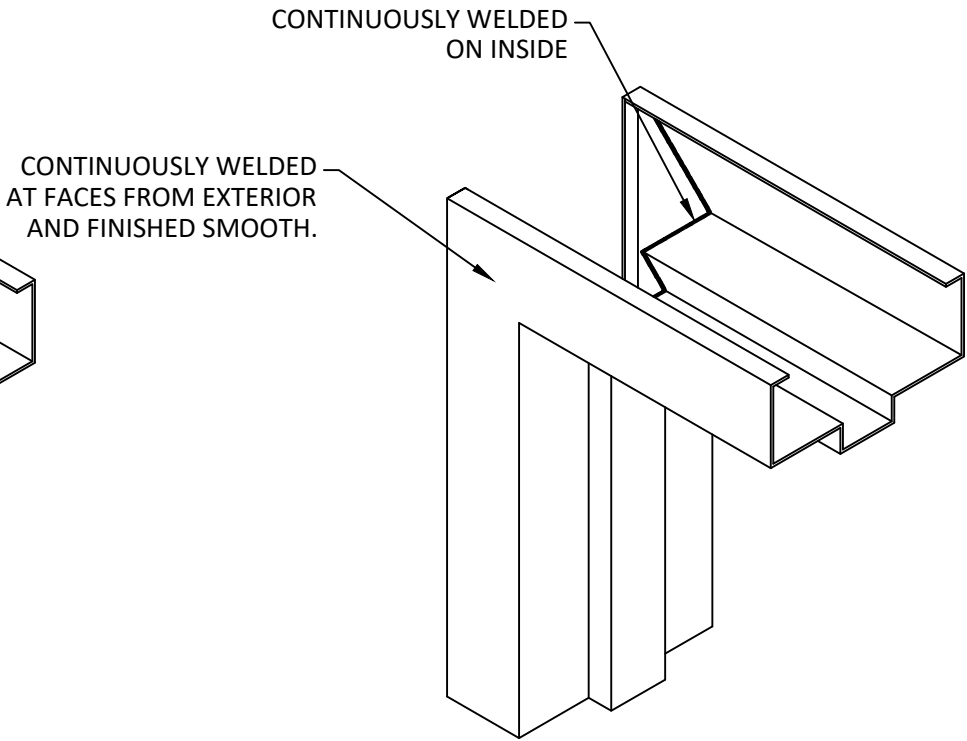
DETAIL HH

KNOCK DOWN CORNER CONSTRUCTION



DETAIL II

FACE WELDED CORNER CONSTRUCTION



DETAIL JJ

FULLY WELDED CORNER CONSTRUCTION



4115 BRODEUR STREET
SHERBROOKE, QC J1L1K4
PH: (819) 821-9230 FX: (819) 569-5928

TITLE: INSWING SINGLE GLAZED
STEEL DOOR
(HVHZ) (IMPACT)
CORNER CONSTRUCTION

PREPARED BY:
BUILDING DROPS, INC.
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MIAMI, FL 33132
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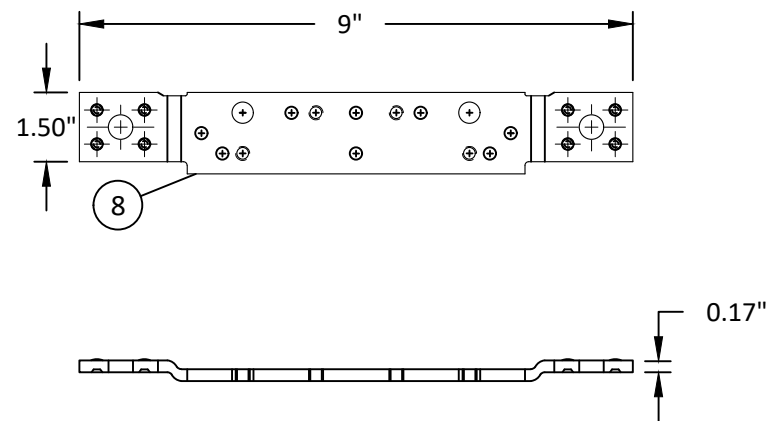
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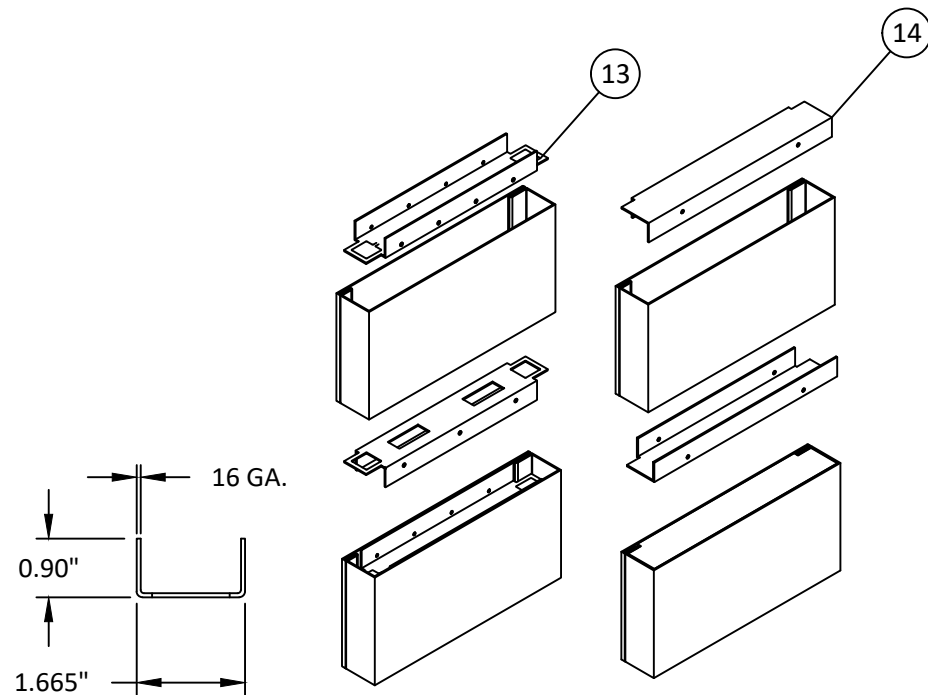
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DATE:	06.20.24
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DWG. #:	DLF005
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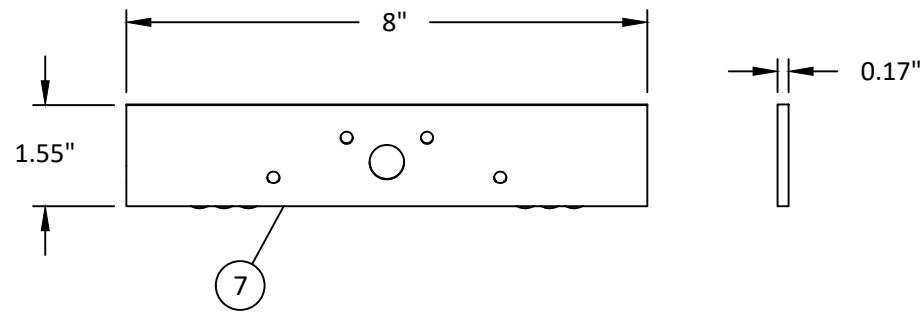
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DETAIL KK
FRAME HINGE REINFORCEMENT

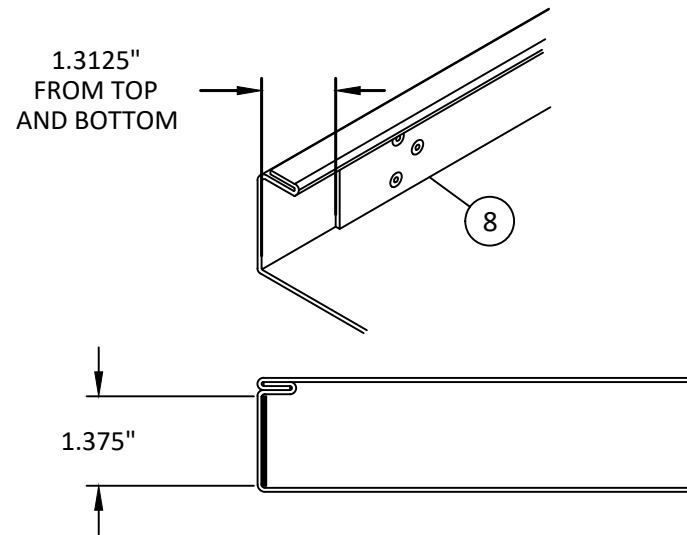


DETAIL MM
END CHANNEL REINFORCEMENTS

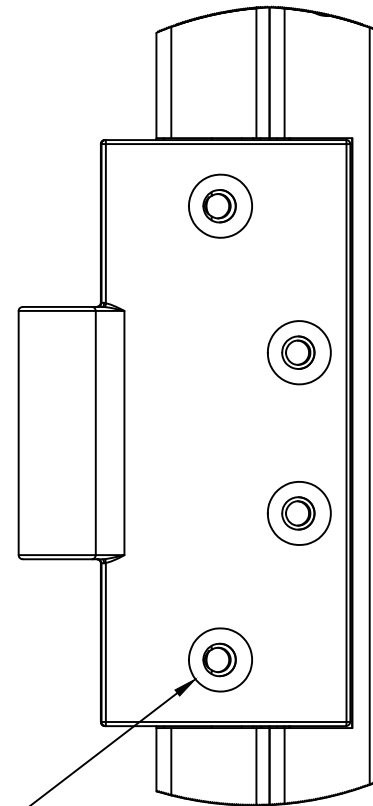


DETAIL LL
DOOR HINGE REINFORCEMENT
AND HINGE DETAIL

ATTACHED WITH FOUR (4) #12 ASSEMBLY
SCREWS



DETAIL NN
DOOR & FRAME CONTINUOUS HINGE REINFORCEMENT
(OPTIONAL)



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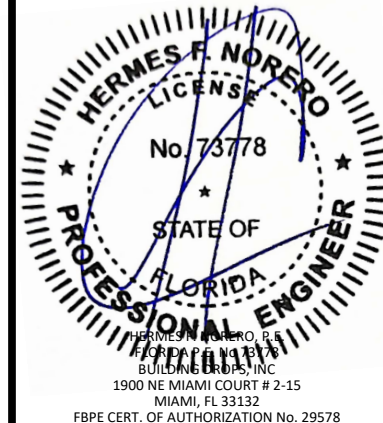
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STEEL DOOR
(HVHZ) (IMPACT)
REINFORCEMENTS

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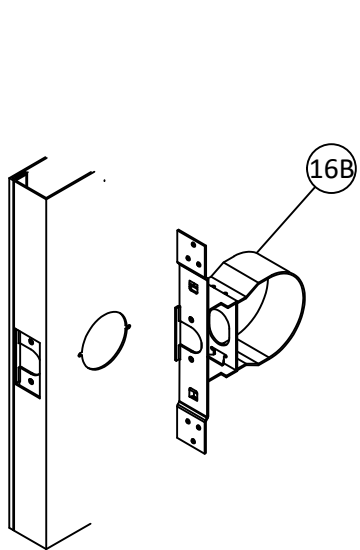
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SHEET:	14

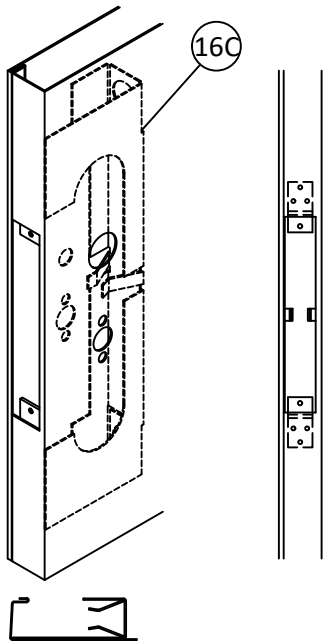
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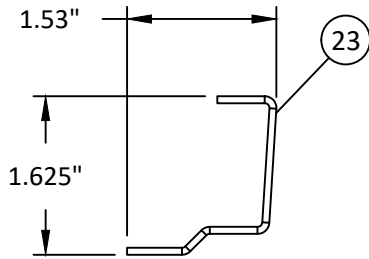
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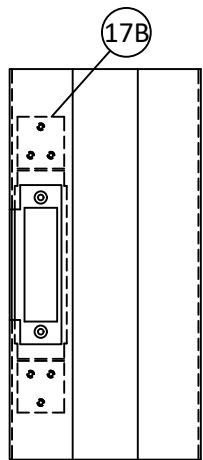
DETAIL OO
CYLINDRICAL LOCK REINFORCEMENT



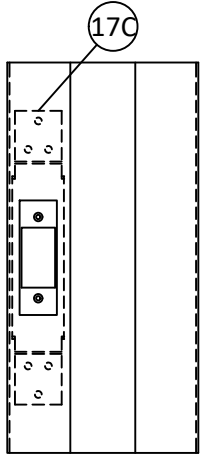
DETAIL PP
MORTISE LOCK REINFORCEMENT



DETAIL QQ
LOCK STILE REINFORCEMENT



DETAIL RR
CYLINDRICAL LOCK
STRIKE REINFORCEMENT



DETAIL SS
MORTISE LOCK
STRIKE REINFORCEMENT



4115 BRODEUR STREET
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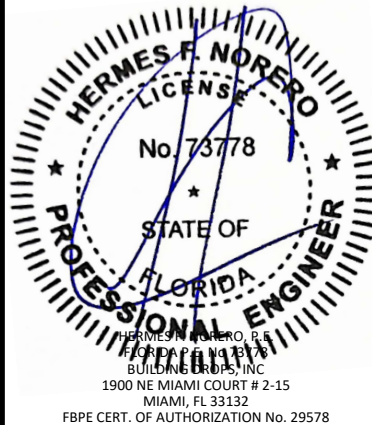
TITLE: INSWING SINGLE GLAZED
STEEL DOOR
(HVHZ) (IMPACT)
REINFORCEMENTS

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BILL OF MATERIAL		
NO.	DESCRIPTION	MATERIAL
1	FRAME - 5-3/4" MIN. DEPTH	16 GA. MIN. A40/A60/G90 GALV. STEEL
1A	OPTIONAL 4" HEADER FRAME - 5-3/4" MIN. DEPTH	16 GA. MIN. A40/A60/G90 GALV. STEEL
2	DOOR LEAF PANEL SKIN	18 GA. MIN. A40/A60/G90 GALV. STEEL SHEETS
3	CORE MATERIAL:	
	A) HONEYCOMB	
	B) POLYSTYRENE	
	C) POLYURETHANE	
	D) STEEL STIFFENED (POLYSTYRENE OR POLYURETHANE)	
4	LOCKING HARDWARE - SEE SHEET 1	
6	4.5" MIN. BUTT HINGES SEE SHEET 1 NOTE 1.6	0.134" MIN. STEEL/BRASS
	OPTIONAL CONTINUOUS HINGE SEE SHEET 1 NOTE 1.6	ALUMINUM
7	DOOR HINGE REINFORCEMENTS	7 GA. STEEL
8	FRAME HINGE REINFORCEMENT	3/16" X 10" - 7 GA. STEEL
9	JAMB ANCHORS SEE SHEET 10 & 11	
	Z	18 GA. MIN. STEEL
	COMBINATION WOOD/STEEL STUD	
	EXISTING WALL ANCHOR (EWA)	
	EXISTING WALL ANCHOR (EWA) - TUBE	16 GA. MIN. STEEL
	MASONRY WIRE	-
	MASONRY T	-
	ADJUSTABLE/WELDED JAMB BASE	12 GA. STEEL
10	NGP 950N THRESHOLD WITH BUMPER GASKET	1/16" MIN. ALUMINUM
11	WEATHERSTRIPPING	
	B) NGP 331 DOOR SHOE	6063-T5 ALUMINUM / PPE / TPV
	D) NGP 137NA PERIMETER SEAL	
	E) NGP 5050 BULB SEAL	SILOXANE
12	CAULK	SILICONE OR BUTYL RUBBER
13	ST END CHANNEL	16 GA. STEEL
14	FWC END CHANNEL	16 GA. STEEL
15	HORIZONTAL REIN. CHANNELS	STEEL
16	DOOR LOCK REINFORCEMENT SEE SHEET 17	
	B) CYLINDRICAL LOCK REINFORCEMENT	16 GA. MIN. STEEL
	C) MORTISE LOCK REINFORCEMENT	16 GA. MIN. STEEL
17	FRAME LOCK STRIKE REINFORCEMENT SEE SHEET 17	
	B) CYLINDRICAL STRIKE REINFORCEMENT	16 GA. MIN. STEEL
	C) MORTISE STRIKE REINFORCEMENT	16 GA. MIN. STEEL
19	LITE KIT CHANNEL	STEEL
20	GLAZING TAPE	BUTYL RUBBER
21	DOW CORNING DOWSIL 995	SILICONE
23	LOCK STILE REINFORCEMENT	STEEL



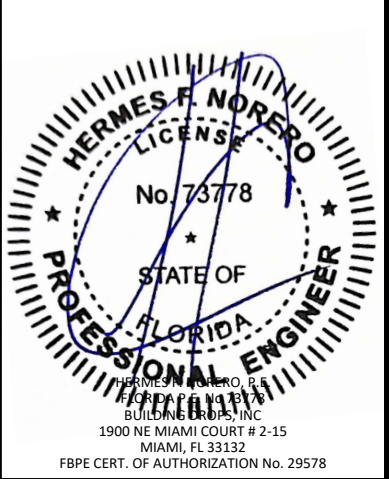
4115 BRODEUR STREET
SHERBROOKE, QC J1L1K4
PH: (819) 821-9230 FX: (819) 569-5928

TITLE: INSWING SINGLE GLAZED STEEL DOOR (HVHZ) (IMPACT) BILL OF MATERIAL

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

REMARKS	BY	DATE
ELECTRIC HDW UPDATE	DI	8/22/24
2026 CODE CHANGE	HJ	6/22/26

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



FL46851

DATE: 06.20.24

DWG. BY: DI CHK. BY: HFN

SCALE: NTS

DWG. #: DLF005

SHEET: 16 REV. B

OF 16