

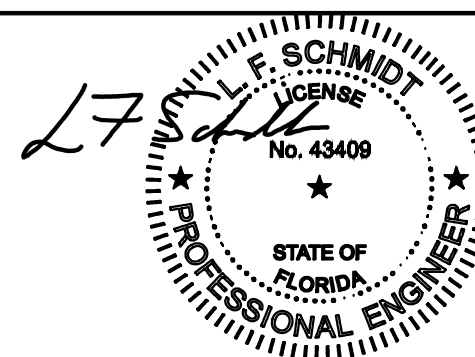


DKS SERIES 1800
STEEL COMMERCIAL DOUBLE DOOR
OUTSWING
"IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and excludes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

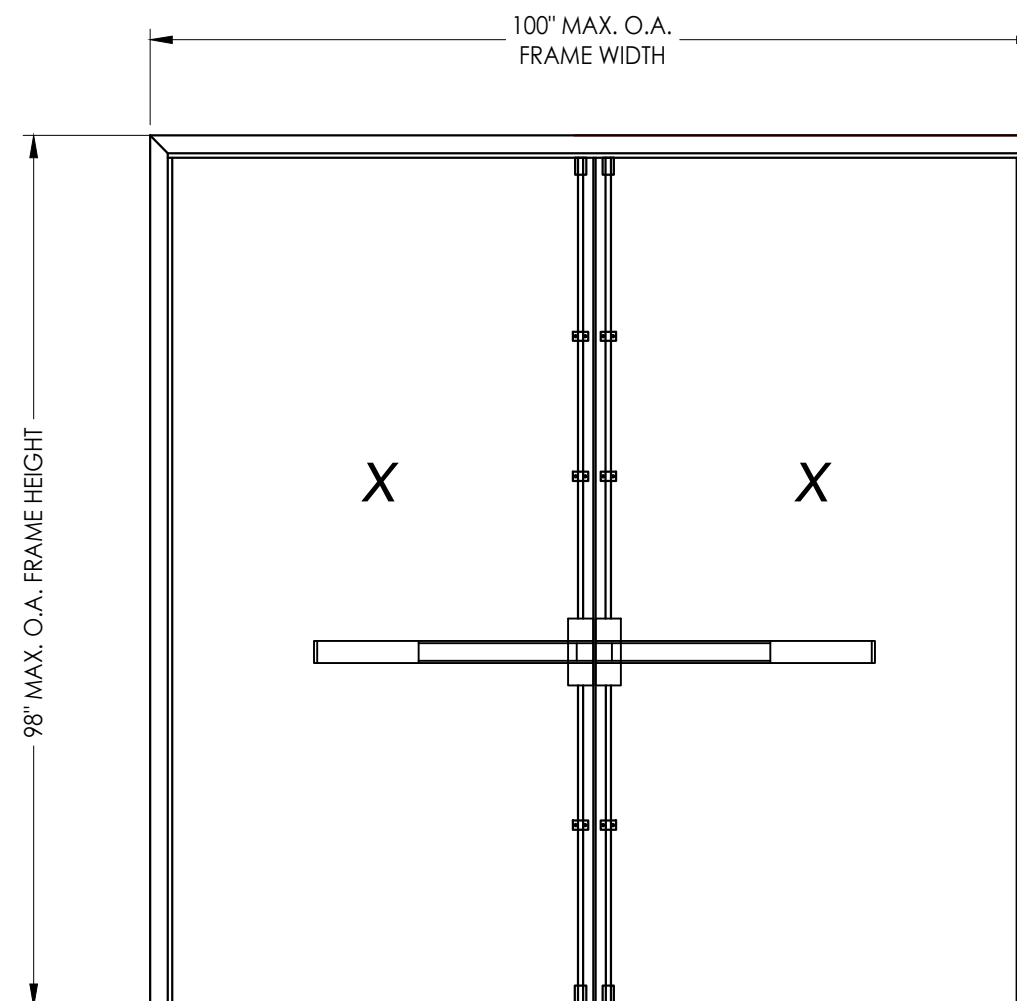
TABLE OF CONTENTS	
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1	Typical elevation, design pressures & general notes
2	Door panel details
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6	Frame anchoring
7	Bill of materials and components



This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.

Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

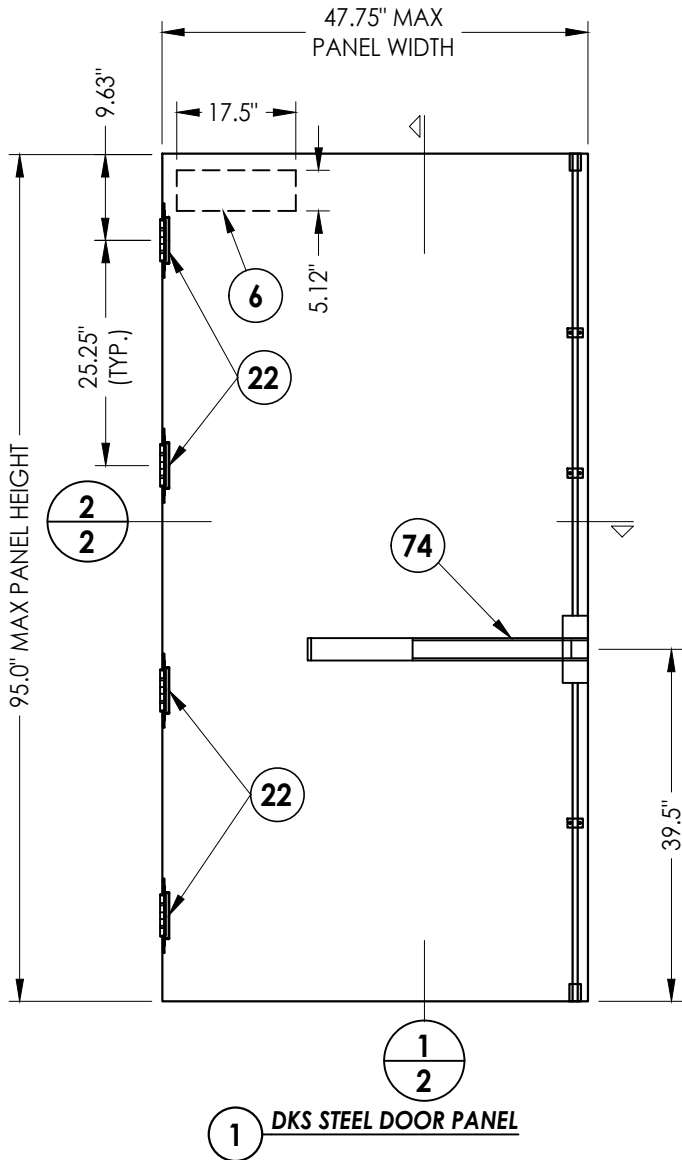


Panic Bar Exit Device w/ Vertical Rods "7700-V Series"

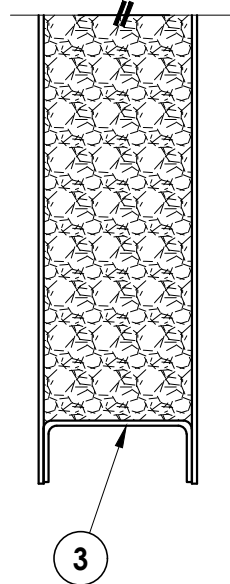
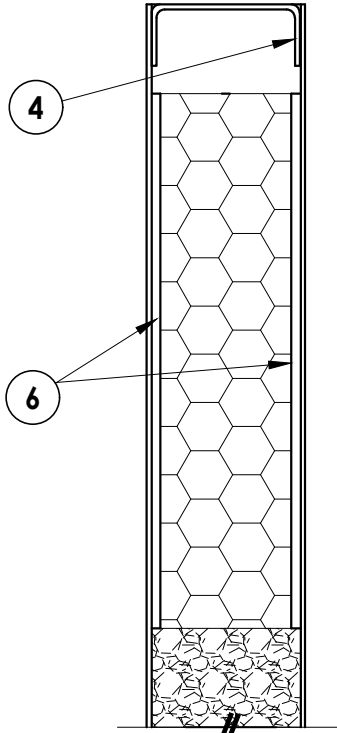
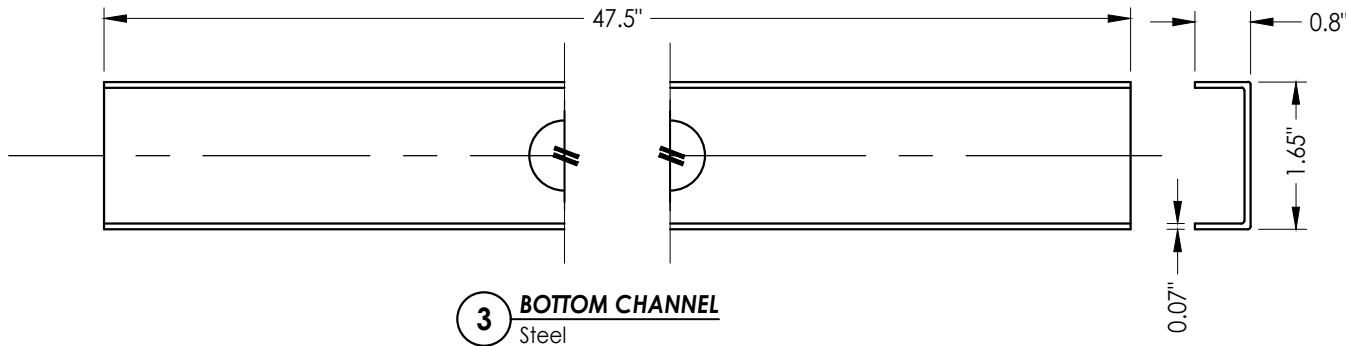
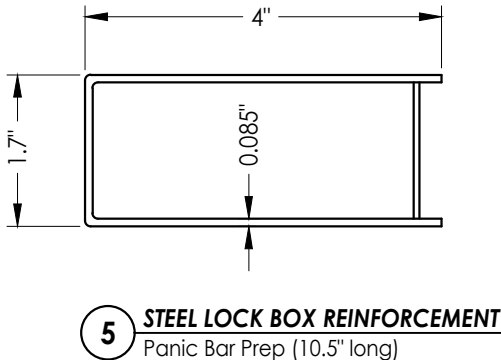
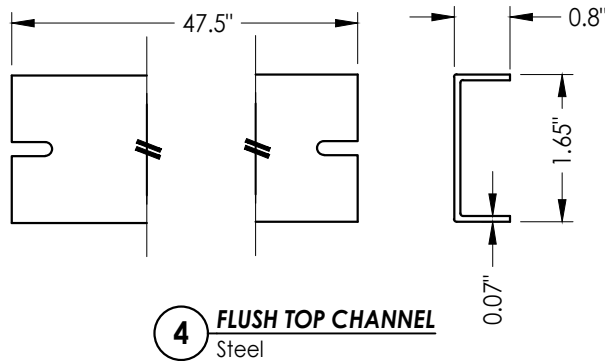
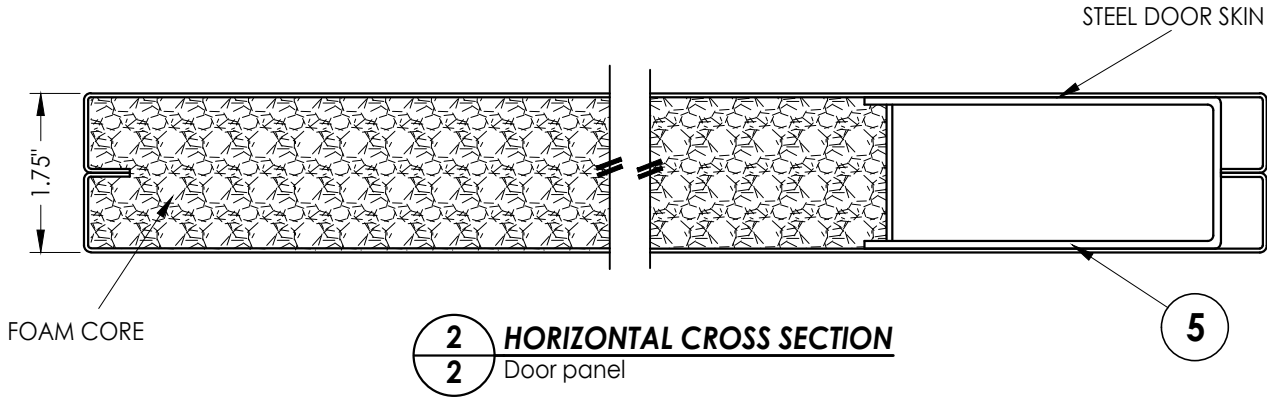
MAX FRAME DIMENSION	LOCK TYPE	DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE
100.0" x 98.0"	PANIC BAR EXIT DEVICE w/ VERTICAL RODS "7700-V Series"	+50.0	-50.0

[illegible]

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STEEL DOOR SKIN (18 GA.): MIN. 0.045" THK.
STEEL GRADE: ASTM A1008 GALV. STEEL (Fy = 33,000 PSI MIN.)
CORE MATERIAL: EPS FOAM (POLYSTYRENE - 1.0 PCF MIN. DENSITY)



1

2

VERTICAL CROSS SECTION

Door panel

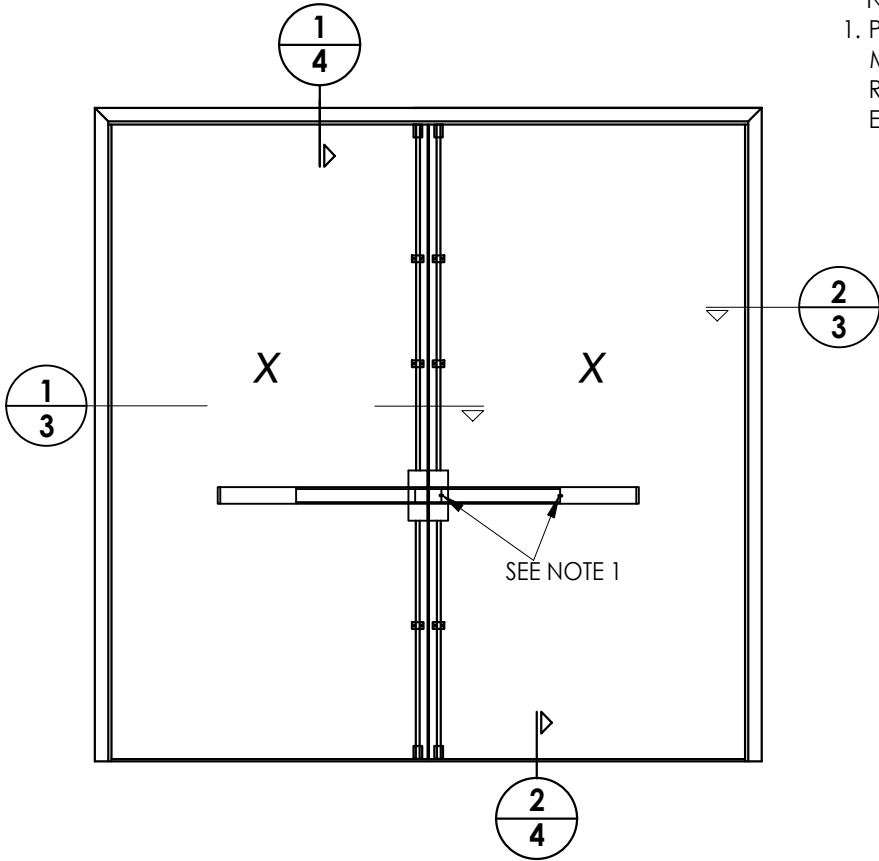
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CHK. BY:	RW
DRAWING NO.:	FL-41130.7
SHEET	2 OF 7

PRODUCT:		DKS
		STEEL COMMERCIAL DOOR
PART OR ASSEMBLY:		DOOR PANEL DETAILS
NO.	DATE	REVISIONS
	1	7/01/23 UPDATE TO 8TH ED. (2023) FBC
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		BY

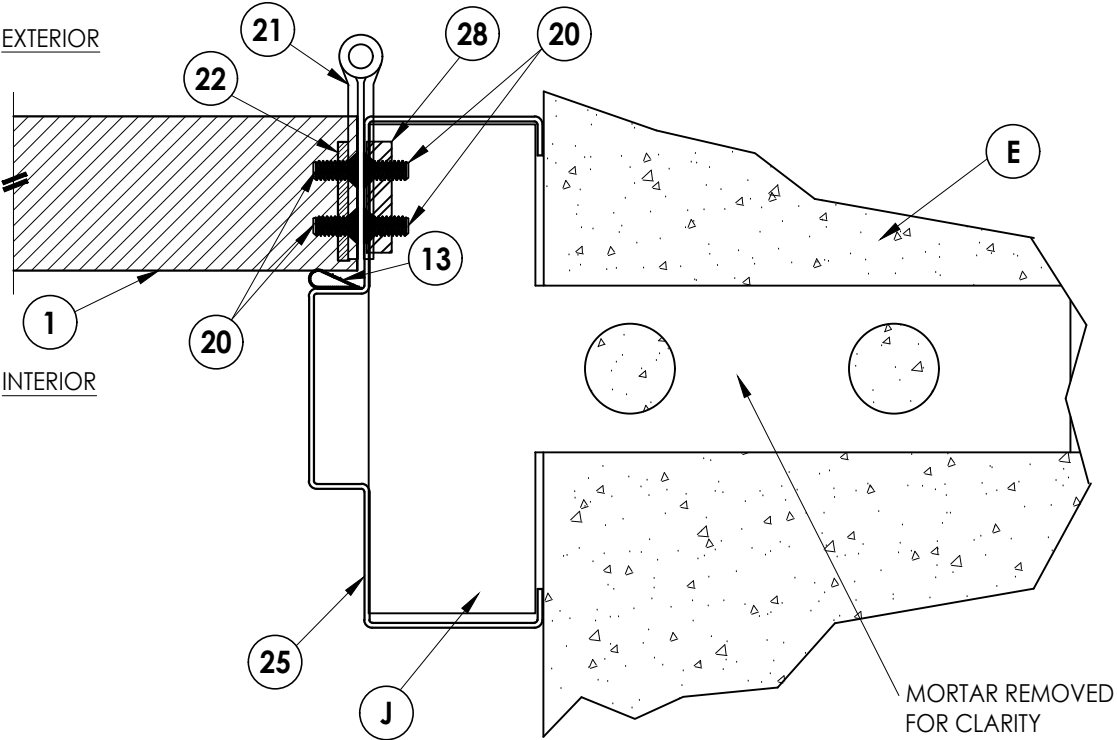
Documents Prepared By:
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Phone No.: 813.659.9197
FBPE Registry No. 9813

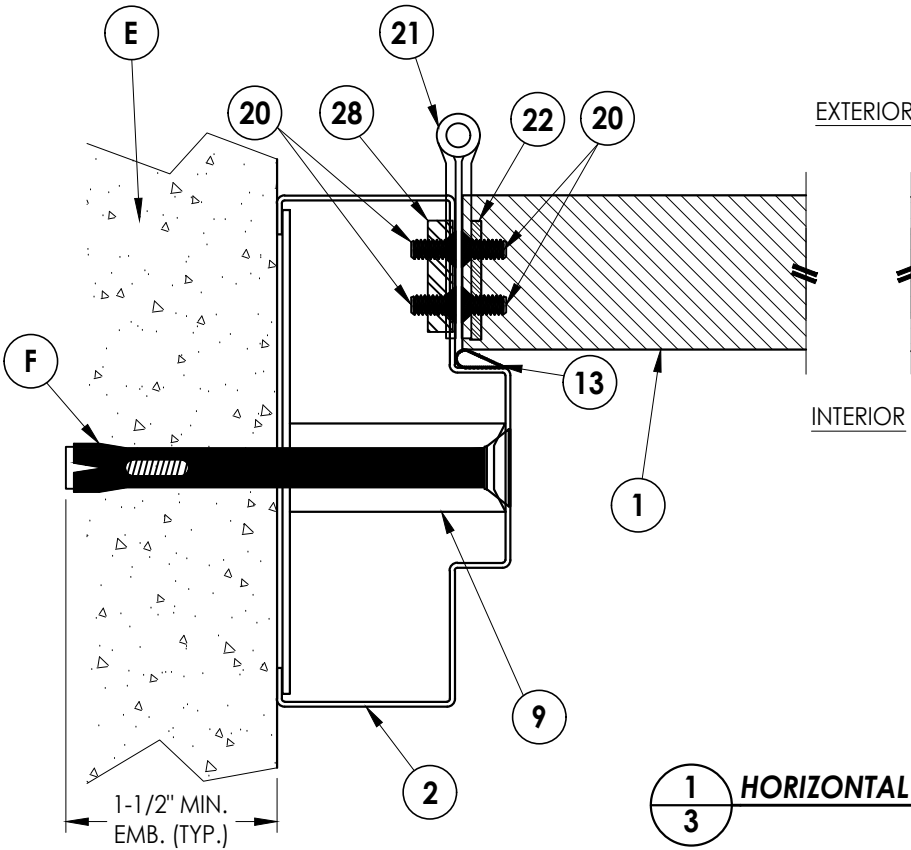
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NOTE:
1. PANIC BAR SET SCREWS (#12-24 x 5/16")
MUST BE ACTIVATED TO ACHIEVE IMPACT
RATING. LOCATE ONE SCREW AT THE
END OF EACH PUSH BAR.



2
3 **HORIZONTAL CROSS SECTION**
Masonry Construction
Masonry "Tee" Anchor



1
3 **HORIZONTAL CROSS SECTION**

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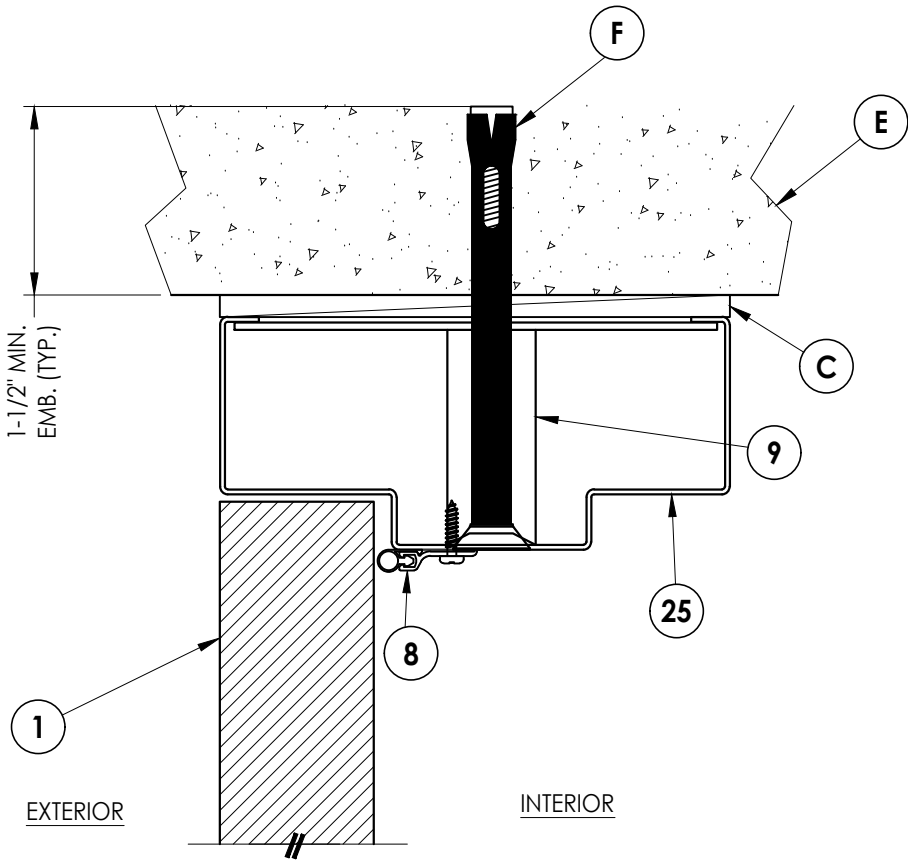
PRODUCT:
DKS
STEEL COMMERCIAL DOOR

PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

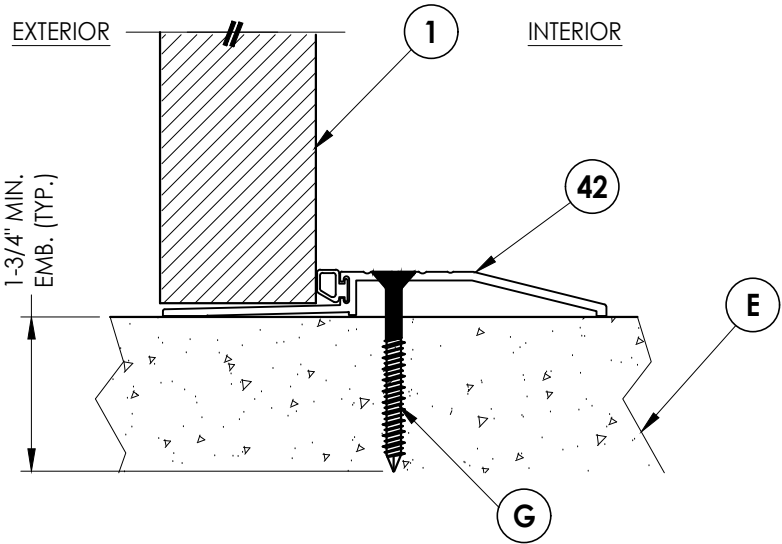
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SHEET 3 OF 7

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1
4 VERTICAL CROSS SECTION



2
4 VERTICAL CROSS SECTION
Outswing configuration

DATE: 3/21/22
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SHEET 4 OF 7

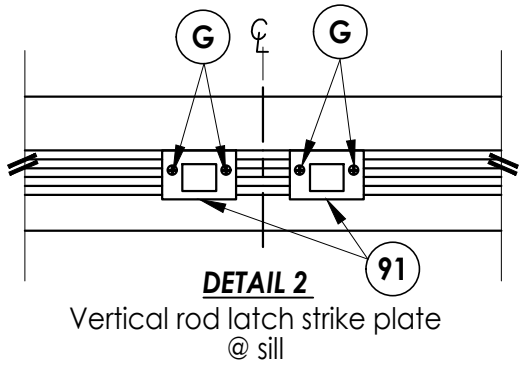
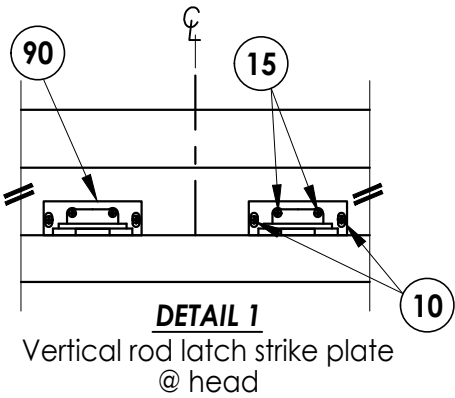
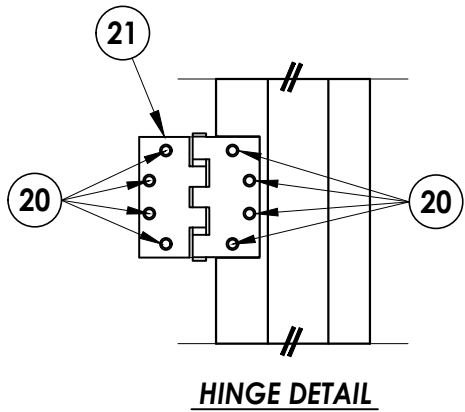
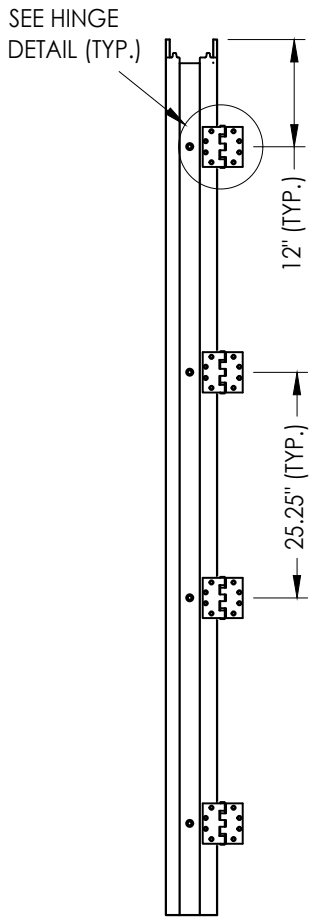
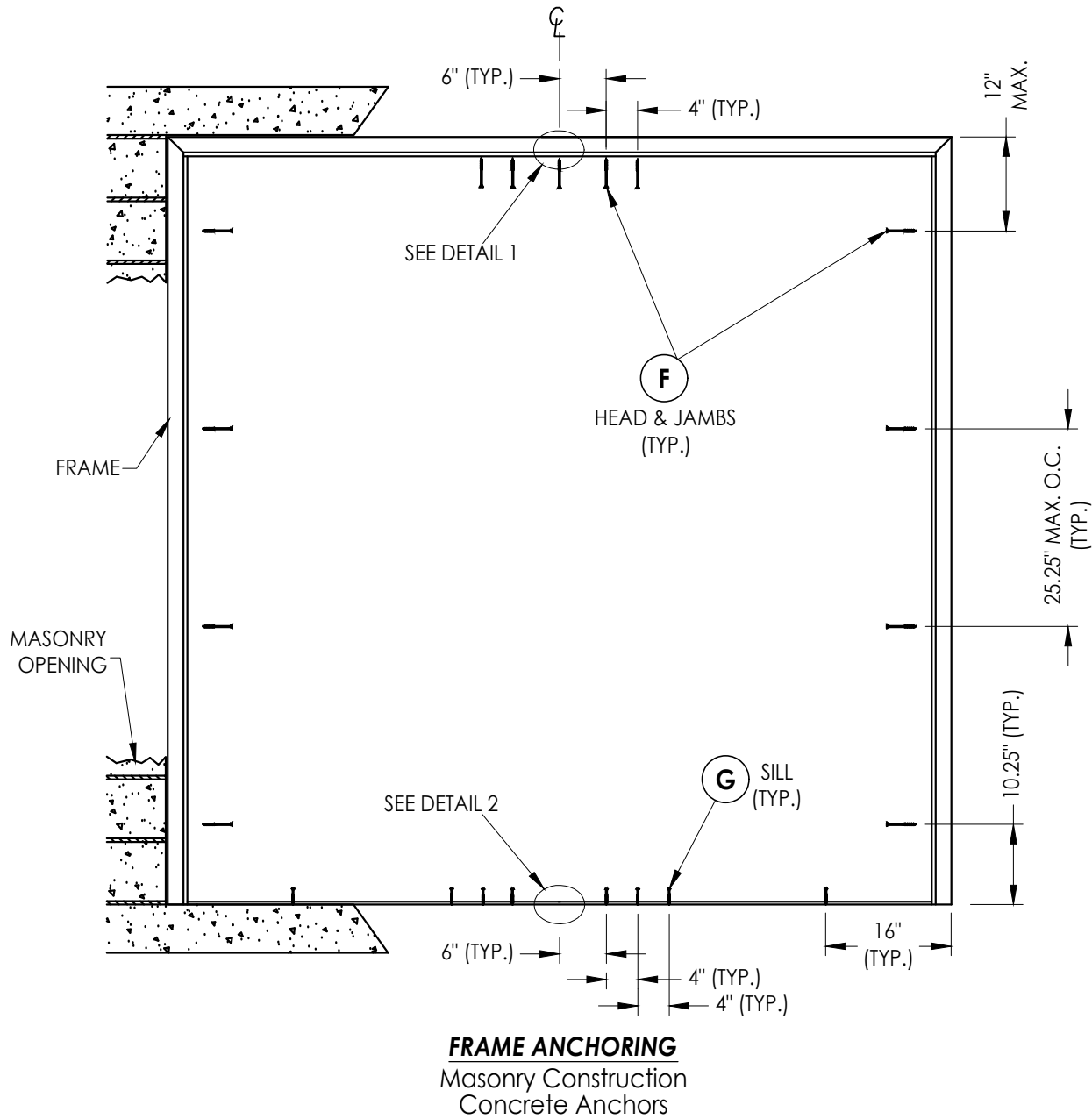
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PRODUCT:	DKS STEEL COMMERCIAL DOOR
PART OR ASSEMBLY:	VERTICAL CROSS SECTIONS

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CONCRETE ANCHOR NOTES:

1. Substitution of equal concrete screws from a different supplier may have different edge distance and center distance requirements.
2. Concrete screw locations at the corners may be adjusted to maintain the minimum edge distance to mortar joints. If concrete screw locations noted as "MAX. ON CENTER" must be adjusted to maintain the minimum edge distance to mortar joints, additional concrete screws may be required to ensure the maximum on center dimension is not exceeded.
3. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-3/4"	2-1/2"	2"
DYNABOLT SLEEVE ANCHOR	3/8"	1-1/2"	2-1/4"	4-1/2"

4. Embedment may be through 1-1/4" face shell of hollow block.

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PRODUCT:
DKS
STEEL COMMERCIAL DOOR

PART OR ASSEMBLY:
FRAME ANCHORING

NO.	DATE	REVISIONS
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		LFS BY

DATE: 3/21/22

SCALE: N.T.S.

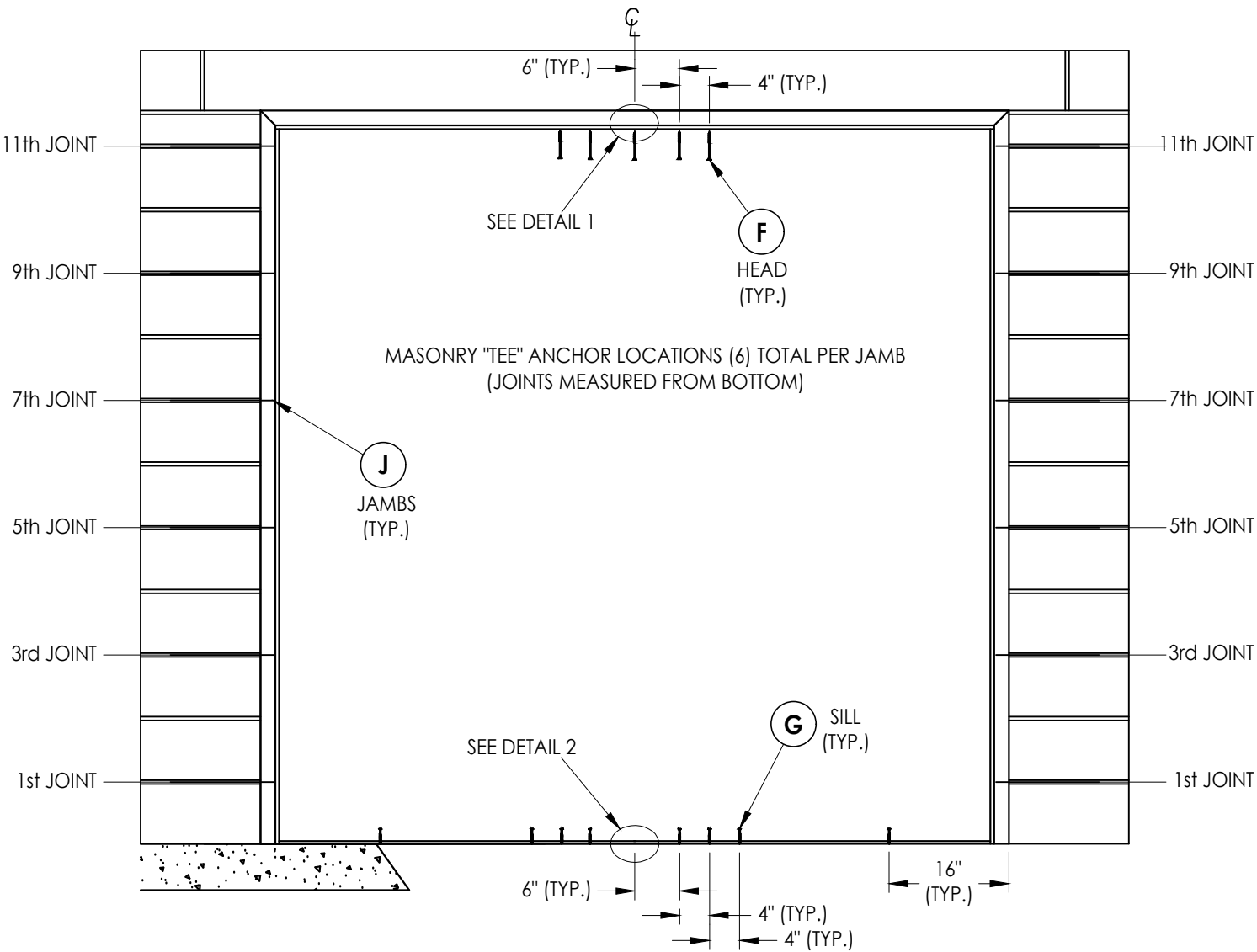
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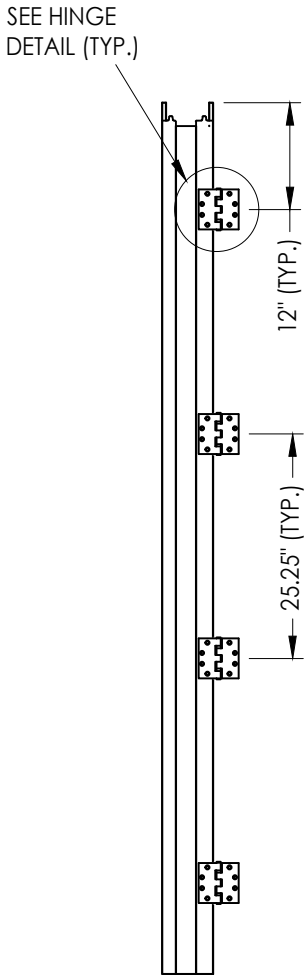
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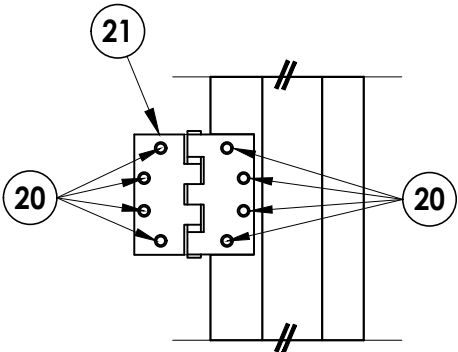
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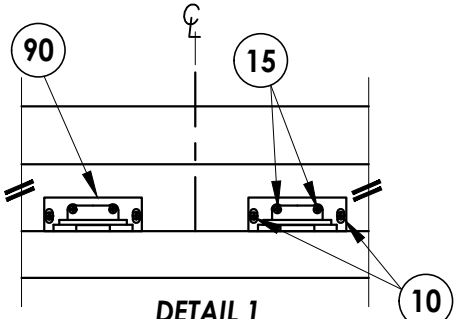
FRAME ANCHORING
Masonry Construction
Masonry "Tee" Anchors



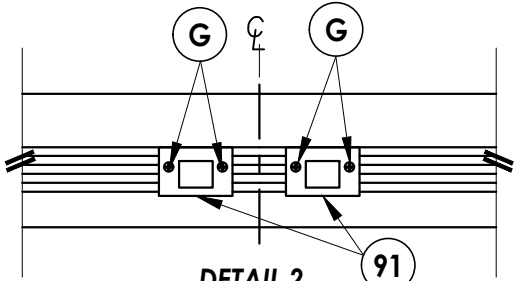
HINGE JAMB



HINGE DETAIL



DETAIL 1
Vertical rod latch strike plate
@ head



DETAIL 2
Vertical rod latch strike plate
@ sill

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SHEET 6 OF 7

