

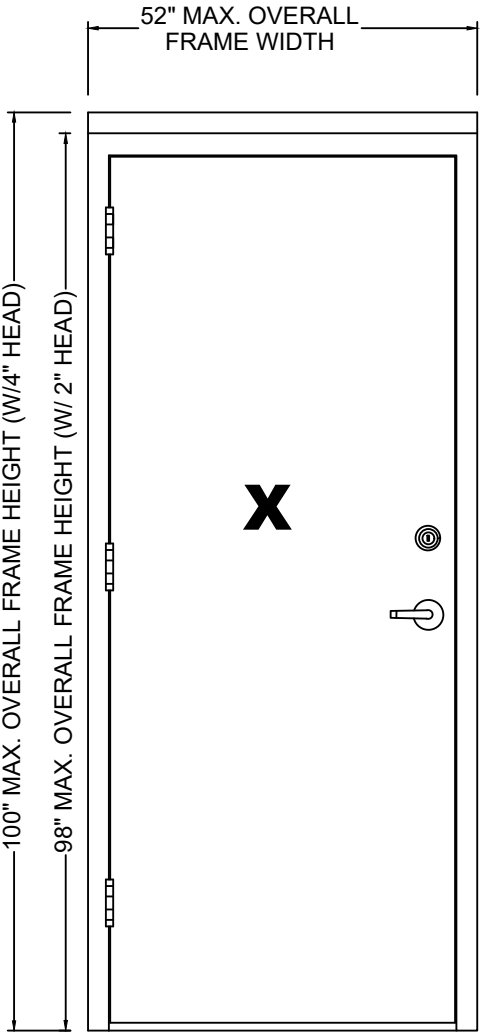


2501 Northchase Parkway SE
Wilmington, NC 28405
Phone: (910) 452-1845
Fax: (910) 452-1848

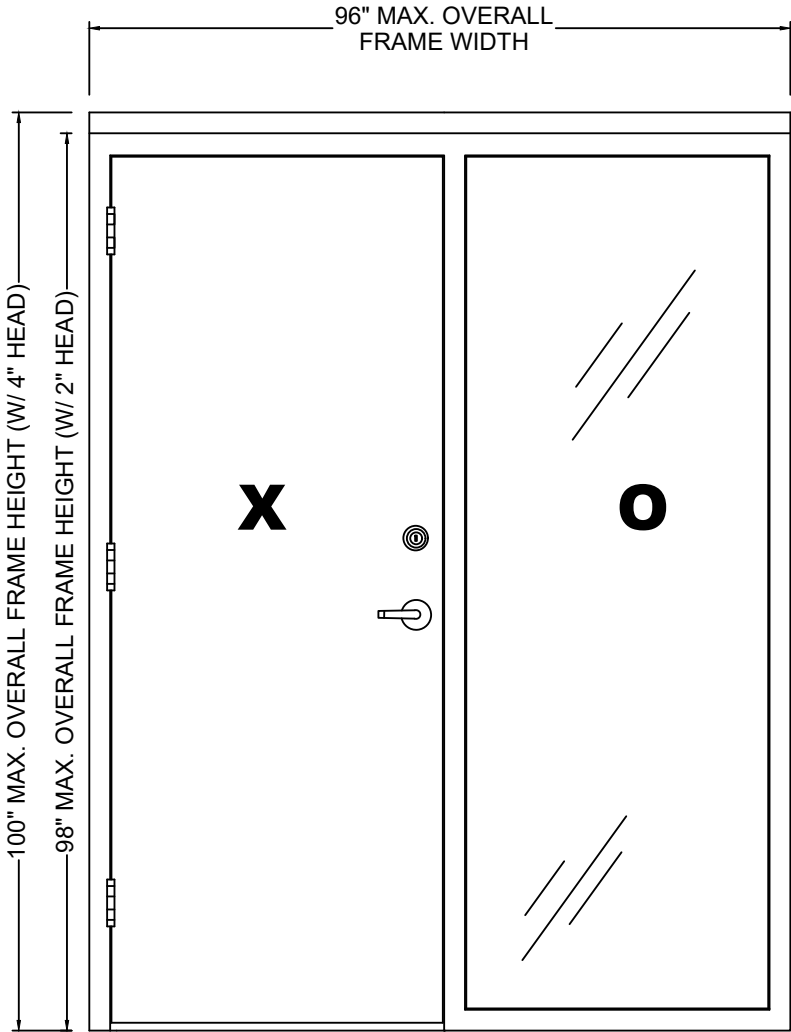
SERIES HP STEEL DOOR W/VO SIDELIGHT & TRANSOM
OUTSWING, IMPACT (X, XO, O/XO)

GENERAL NOTES

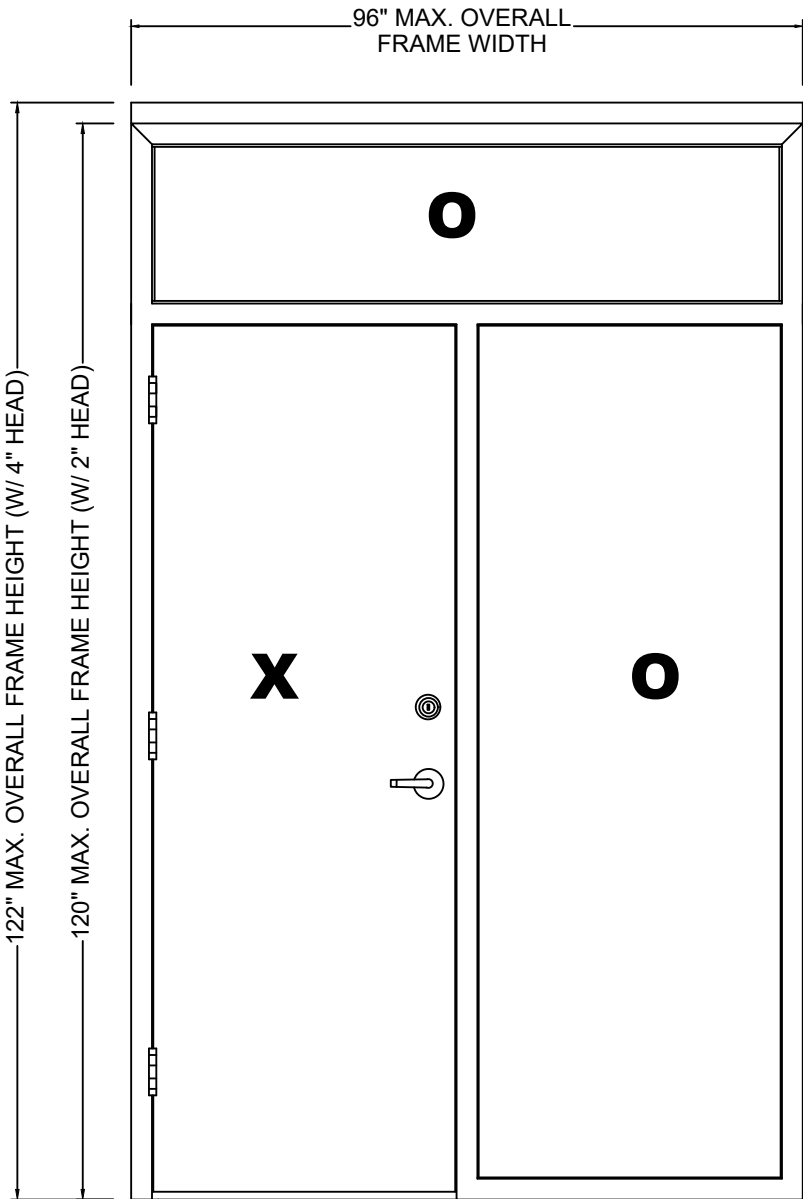
1. THIS PRODUCT HAS BEEN EVALUATED AND IS IN COMPLIANCE WITH THE 7TH EDITION (2020) FLORIDA BUILDING CODE (FBC) REQUIREMENTS INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AND HAS BEEN EVALUATED TO THE FOLLOWING.
1.1. TAS 201-1994
1.2. TAS 202-1994
1.3. TAS 202-1994
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
3. WHEN USED IN THE "HVHZ" THIS PRODUCT COMPLIES WITH SECTION 1626 OF THE FLORIDA BUILDING CODE AND DOES NOT REQUIRE AN IMPACT RESISTANT COVERING.
4. WHEN USED IN AREAS OUTSIDE OF THE "HVHZ" REQUIRING WIND BORNE DEBRIS PROTECTION THIS PRODUCT COMPLIES WITH SECTION 1609.1.2 OF THE FBC AND DOES NOT REQUIRE AN IMPACT RESISTANT COVERING. THIS PRODUCT MEETS MISSILE LEVEL "D" AND INCLUDES WIND ZONE 4 AS DEFINED IN ASTM E1996 AND SECTION 1609.1.2.2 OF THE FBC.
5. SITE CONDITIONS THAT DEVIATE FROM THE DETAILS OF THIS DRAWING REQUIRE FURTHER ENGINEERING ANALYSIS BY A LICENSED ENGINEER OR REGISTERED ARCHITECT.
6. THIS PRODUCT DOES NOT MEET THE WATER INFILTRATION REQUIREMENTS OF THE FBC AND SHALL BE INSTALLED ONLY IN NON-HABITABLE AREAS OR AT HABITABLE LOCATIONS PROTECTED BY AN OVERHANG OR CANOPY SUCH THAT THE OVERHANG RATIO (OH) = OH LENGTH / OH HEIGHT IS EQUAL TO OR GREATER THAN 1.
7. ALL STEEL SHALL BE PROTECTED AS SPECIFIED IN SECTION 2222.6 OF THE FBC.
8. SEE MIAMI-DADE NOA NO. 20-1211.03 FOR CARPENTER CO. PREFORMED BLOCK TYPE EPS INSULATION COMPONENT APPROVAL.
9. SEE MIAMI-DADE NOA NO. 21-0216.01 FOR EASTMAN CHEMICAL CO. SAFLEX PVB INTERLAYER COMPONENT APPROVAL.
10. POWER TRANSFER PREPS, DOOR POSITION SWITCH AND ELECTRICAL HINGE PREPS ARE ALLOWED AS LONG AS THE STRUCTURAL INTEGRITY OF THE DOOR PANEL IS NOT AFFECTED.



1 STEEL DOOR



2 STEEL DOOR W/ SIDELIGHT



3 STEEL DOOR W/ SIDELIGHT & TRANSOM

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
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2	DOOR PANEL DETAILS
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4	HORIZONTAL AND VERTICAL CROSS SECTIONS
5	HORIZONTAL AND VERTICAL CROSS SECTIONS
6	HORIZONTAL AND VERTICAL CROSS SECTIONS
7	ANCHORING DETAILS - X CONFIGURATION
8 & 9	ANCHORING DETAILS - XO CONFIGURATION
10 & 11	ANCHORING DETAILS - XO CONFIGURATION
12	COMPONENTS
13	BILL OF MATERIALS AND COMPONENTS

DOOR TYPES	MAXIMUM OVERALL SIZE			DESIGN PRESSURE (PSF) *	
	DOOR FRAME	OPERABLE PANEL	GLAZED FIXED PANEL D.L.O.	POSITIVE	NEGATIVE
SINGLE DOOR	52" x 98"	47.75" x 95.5"	n/a	+65	-70
SINGLE DOOR W/SIDELIGHT	96" x 98"	47.75" x 95.5"	40.75" x 92.75"	+65	-70
SINGLE DOOR W/SIDELIGHT & TRANSOM	96" x 122"	47.75" x 95.5"	SIDELIGHT: 40.75" x 92.75" TRANSOM: 90.75" x 18.75"	+65	-70
IMPACT RATING: LARGE AND SMALL MISSILE - HVHZ & WIND ZONE 4, MISSILE LEVEL D					
* SEE SHEET 2 FOR HARDWARE SELECTIONS AND DESIGN PRESSURE LIMITATIONS					

PROJECT # 420-1002				RJA	BY
				8/4/21	DATE
			UPDATE TO 2020 FBC	A	REV

HMF EXPRESS
2501 NORTHCHASE PARKWAY SE
WILMINGTON, NC 28405

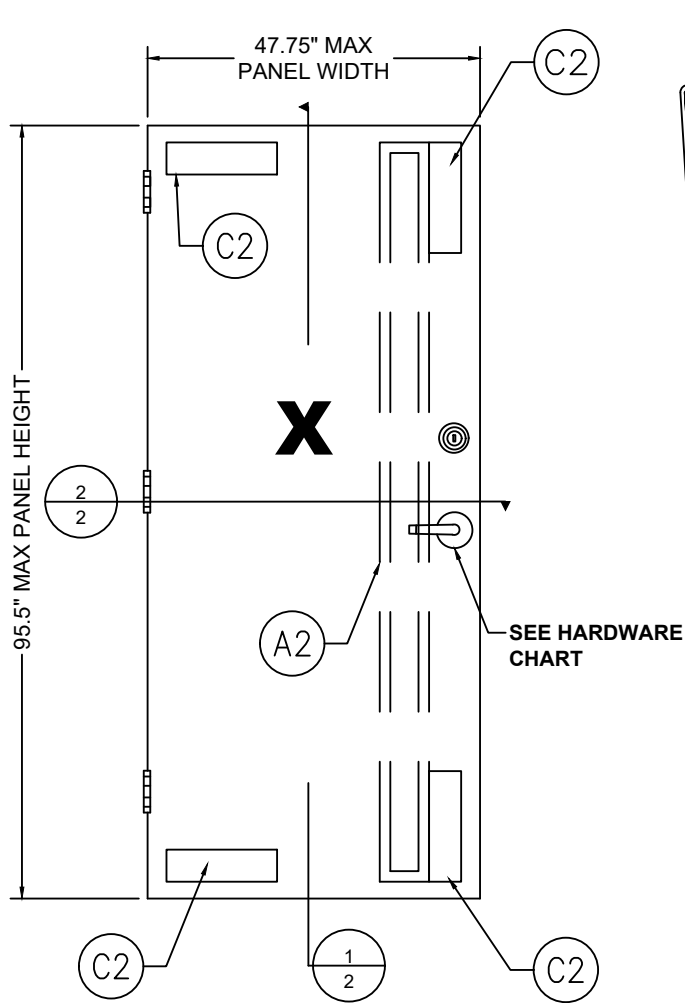
TITLE: SERIES HP STEEL DOOR W/VO SIDELIGHT & TRANSOM, IMPACT
TYP. ELEVATIONS, DESIGN PRESSURES AND GENERAL NOTES

PREPARED BY: PTC
DRAWN BY: DAS
SCALE: N.T.S.
REV: A

DATE: 2/27/19
DRAWING NO: HMF-0003
SHEET: 1 OF 13

PTC PRODUCT DESIGN GROUP, LLC
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Email: info@ptc-corp.com

Robert J. Amoruso, P.E.
Florida P.E. No. 49752

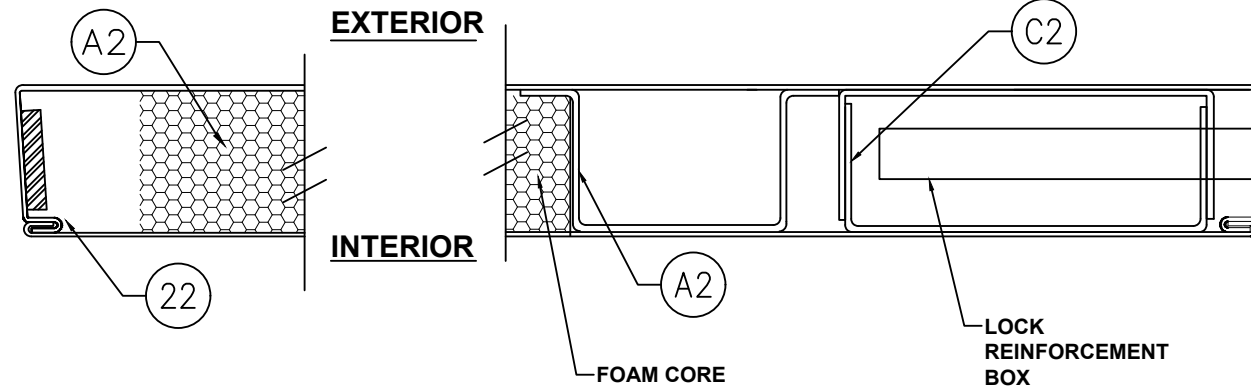


1 OPAQUE STEEL DOOR PANEL

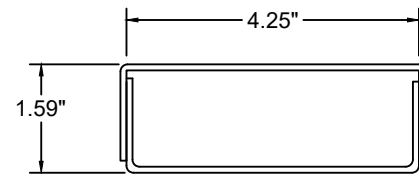
STEEL DOOR SKIN: 18 GA. A60 GALV.
(MIN. 0.0478" THK., Fy=36,800 PSI MIN.)
CORE MATERIAL: EPS FOAM
(POLYSTYRENE - 1.0PCF MIN. DENSITY)

CHANNELS: 16 GA.
(MIN. 0.058" THK.)

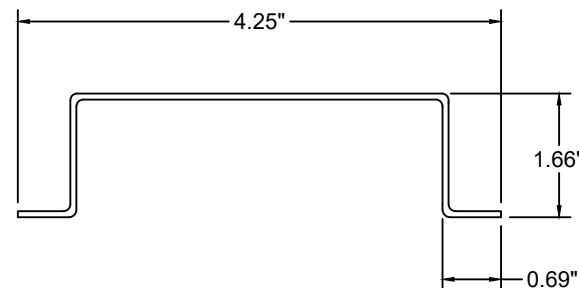
HARDWARE CHART		
MANUFACTURER	MODEL	DESIGN PRESSURE (PSF)
HAGER	LOCK: 3500 SERIES DEADBOLT: 3200 SERIES	+65/-70
SCHLAGE	SCHLAGE GRADE 1 L9000 MORTISE LOCK SERIES WITH ASA STRIKE (4-7/8")	+/-60
VON DUPRIN	VON DUPRIN GRADE 1 RIM EXIT X RIM EXIT NO. 98/99 SERIES	+65/-70



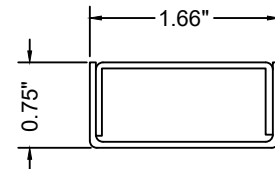
2/2 HORIZONTAL CROSS SECTION DOOR PANEL



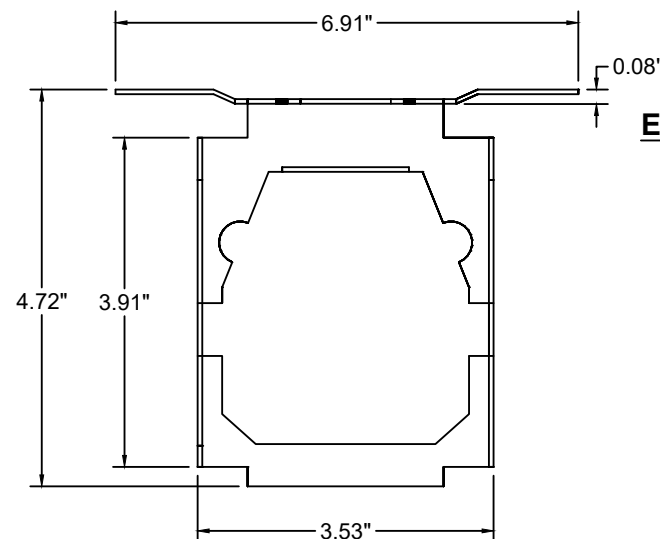
C2 BOX CHANNEL REINFORCEMENT A60 GALV. STEEL(15" LONG)



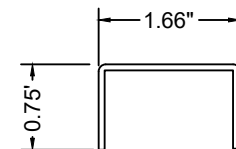
A2 RIB STIFFENER A60 GALV. STEEL



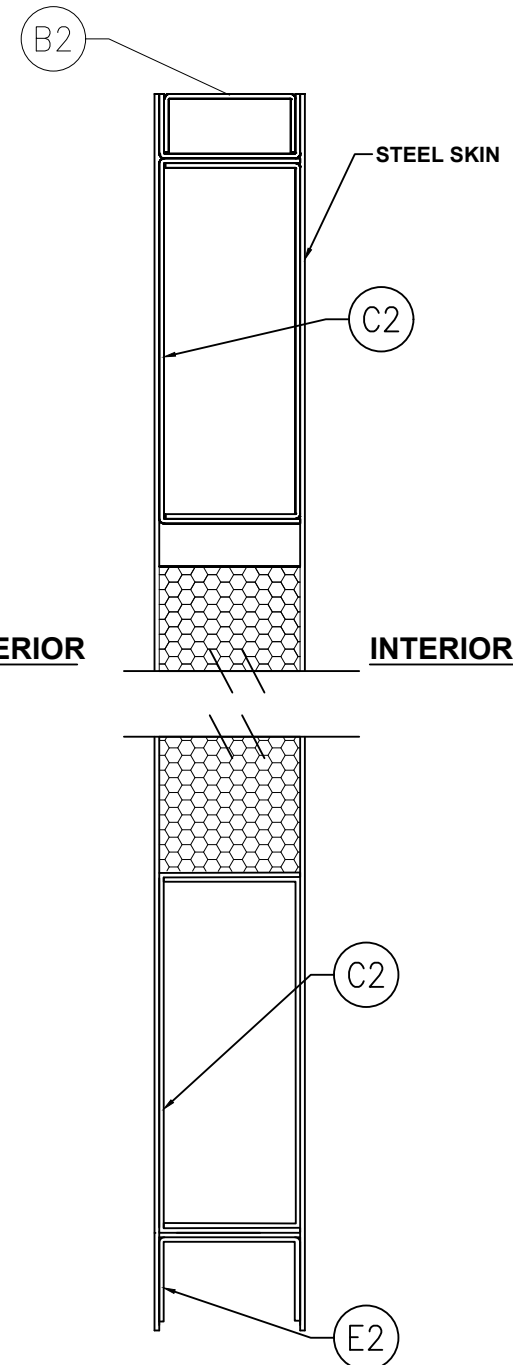
B2 TOP CHANNEL A60 GALV. STEEL



D2 LOCK BOX



E2 BOTTOM CHANNEL A60 GALV. STEEL



1/2 VERTICAL CROSS SECTION

PROJECT # 420-1002

HMF EXPRESS
2501 NORTHCASE PARKWAY SE
WILMINGTON, NC 28405
TITLE: SERIES HP STEEL DOOR W/WO SIDELIGHT & TRANSOM, IMPACT
DOOR PANEL DETAILS

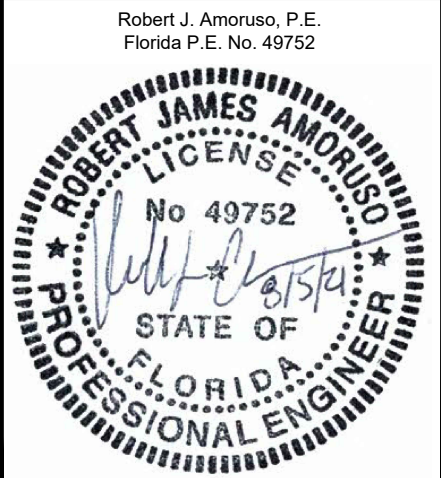
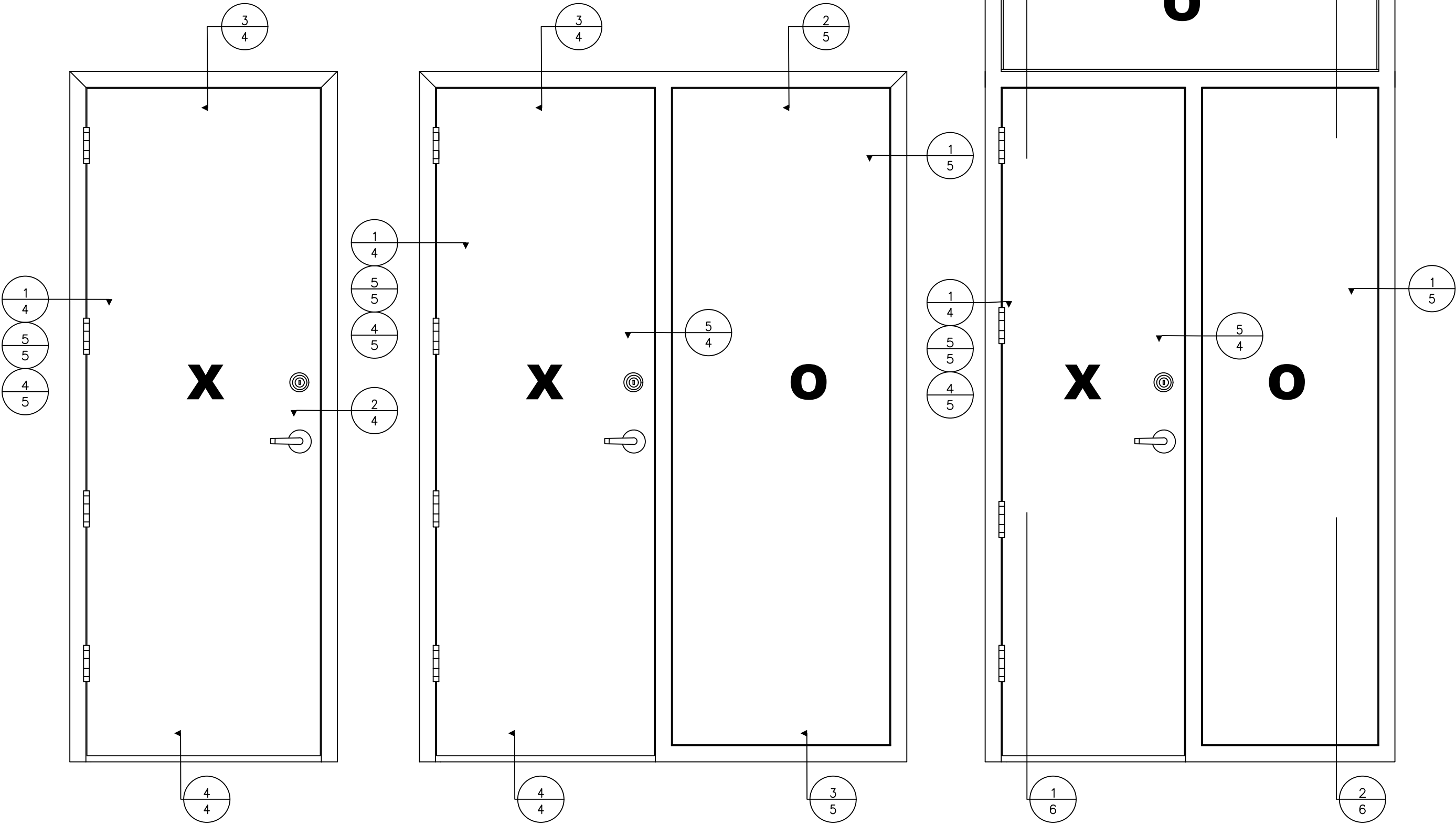
PREPARED BY: DAS
SCALE: N.T.S.
REV: A

DATE: 2/27/19
DRAWING NO: HMF0003
SHEET: 2 OF 13

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PO BOX 520775
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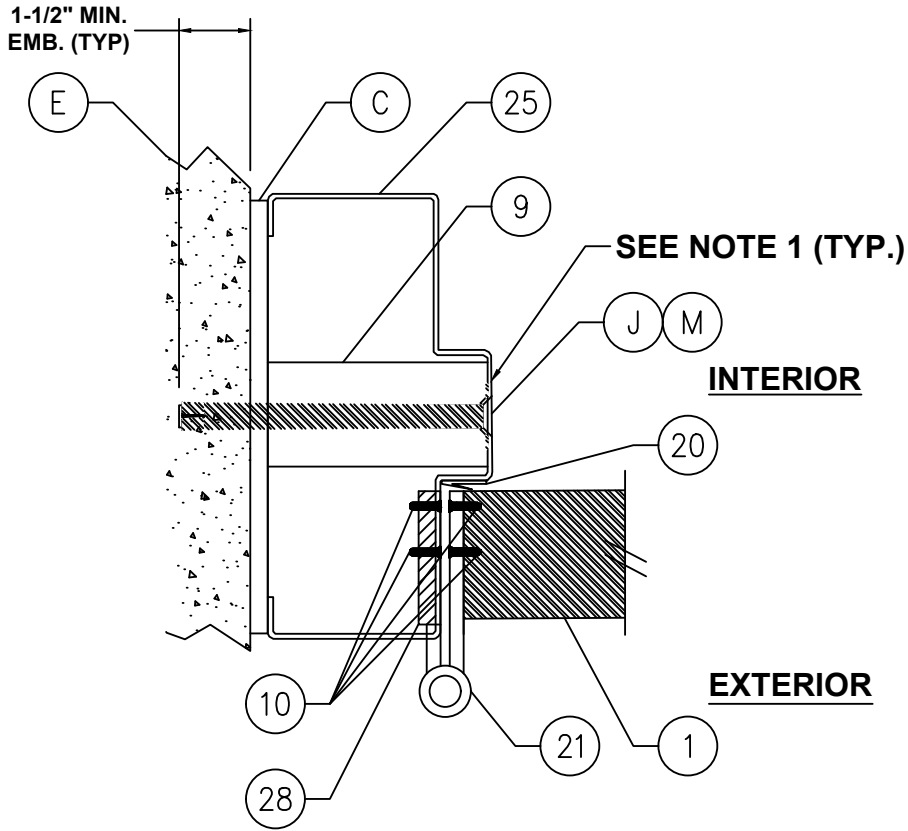
Robert J. Amoruso, P.E.
Florida P.E. No. 49752



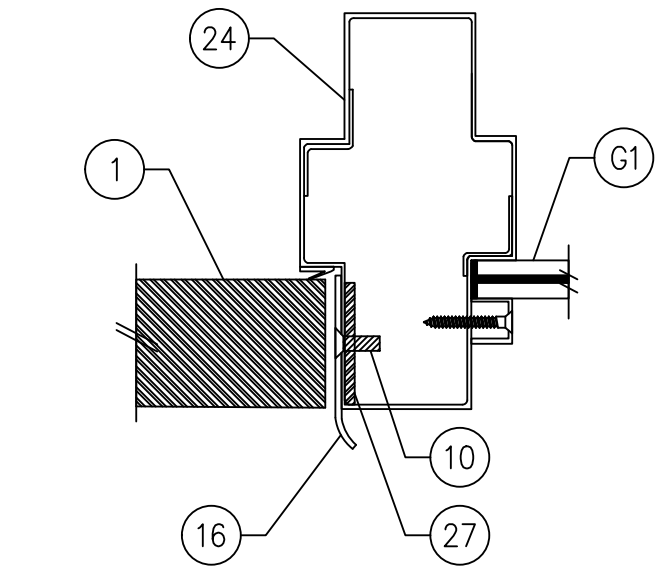


HMF EXPRESS 2501 NORTHCHASE PARKWAY SE WILMINGTON, NC 28405		PROJECT # 420-1002	
TITLE: SERIES HP STEEL DOOR W/WO SIDELIGHT & TRANSOM, IMPACT DOOR ELEVATIONS			
PREPARED BY: PTC PRODUCT DESIGN GROUP, LLC LONGWOOD, FLORIDA 32752 FBPE CA NO. 23385	DRAWN BY: DAS	DATE: 2/27/19	
SCALE: N.T.S.	DRAWING NO: HMF0003		
REV: A	SHEET: 3 OF 13		
		DESCRIPTION	DATE
		REV	BY
		A	RJA
		UPDATE TO 2020 FBC	8/4/21

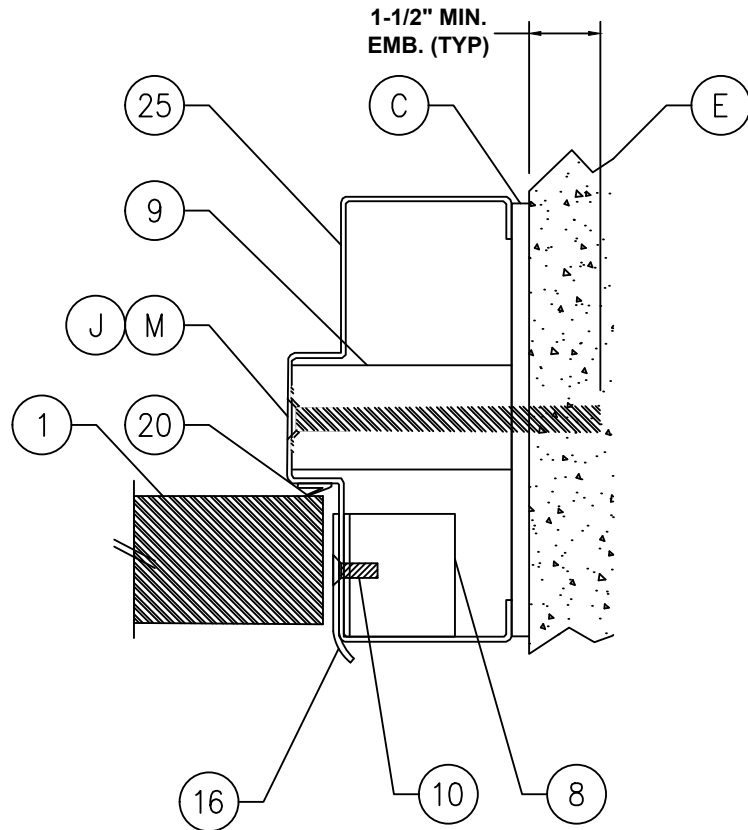
NOTE:
1. SPOT WELD ANCHOR BRACKET TO FRAME. 2 WELDS PER FLANGE (4 TOTAL PER BRACKET). ALTERNATIVELY MIG WELD, 1 PER FLANGE (2 TOTAL PER BRACKET).



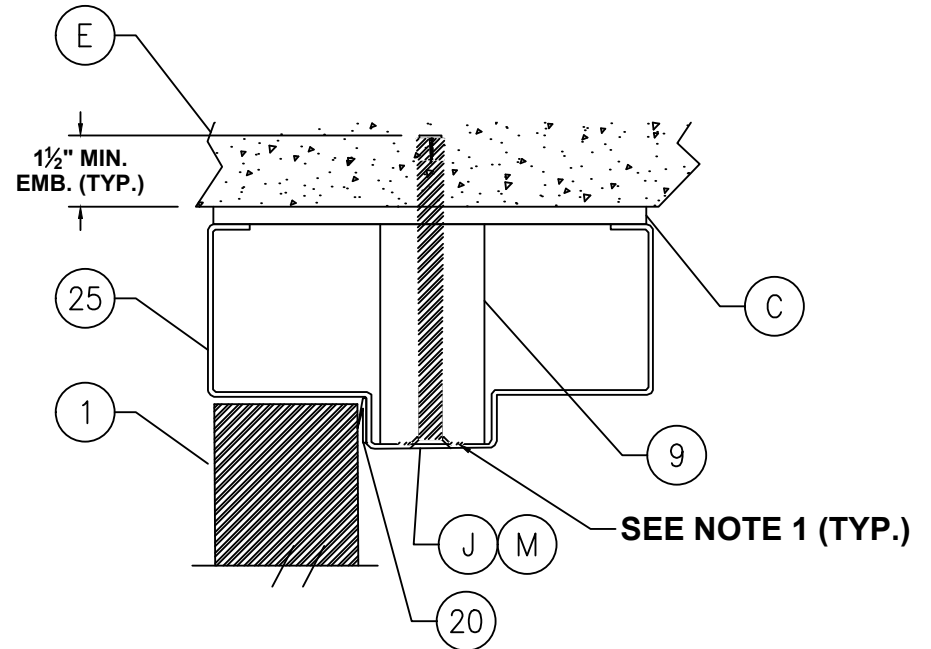
HORIZONTAL CROSS SECTION



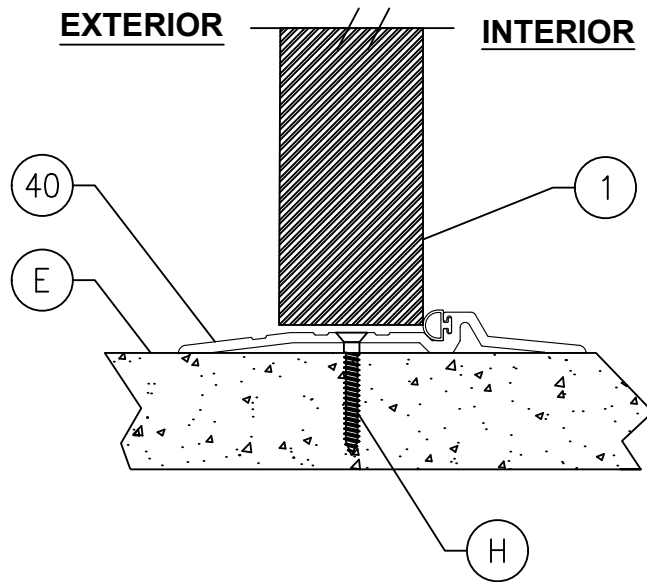
HORIZONTAL CROSS SECTION



HORIZONTAL CROSS SECTION



VERTICAL CROSS SECTION



VERTICAL CROSS SECTION

PROJECT # 420-1002

HMF EXPRESS
2501 NORTHCHASE PARKWAY SE
WILMINGTON, NC 28405

TITLE: SERIES HP STEEL DOOR W/WO SIDELIGHT & TRANSOM, IMPACT
HORIZONTAL & VERTICAL CROSS SECTIONS

DATE: 2/27/19
DRAWING NO: HMF0003
SHEET: 4 OF 13

SCALE: N.T.S.
REV: A

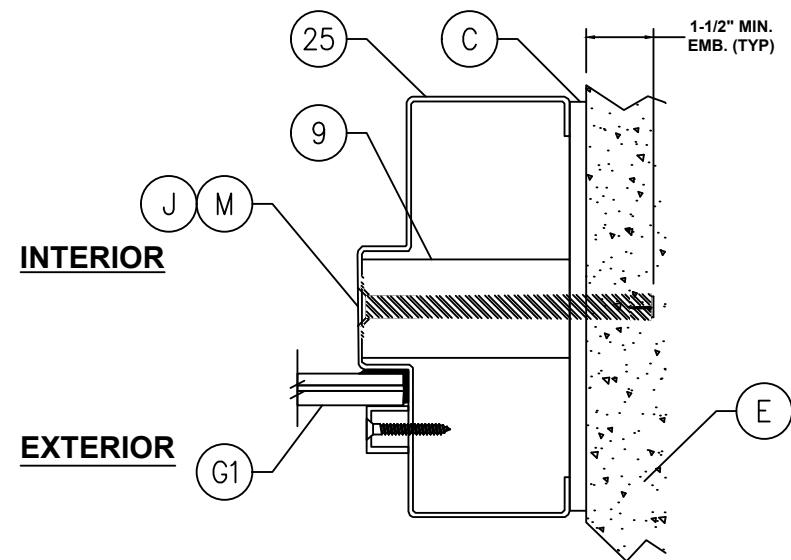
DESCRIPTION
REV

DATE
8/4/21
BY
RJA

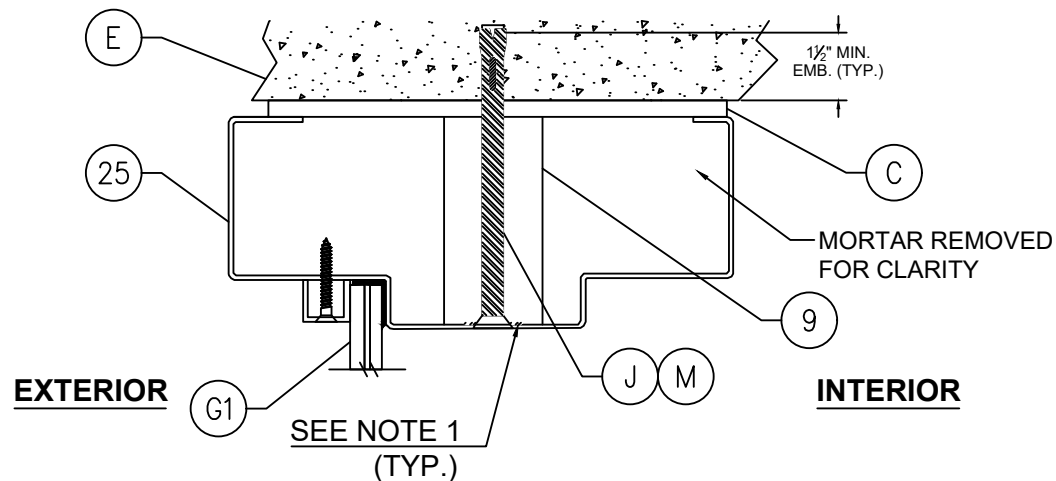


Robert J. Amoruso, P.E.
Florida P.E. No. 49752

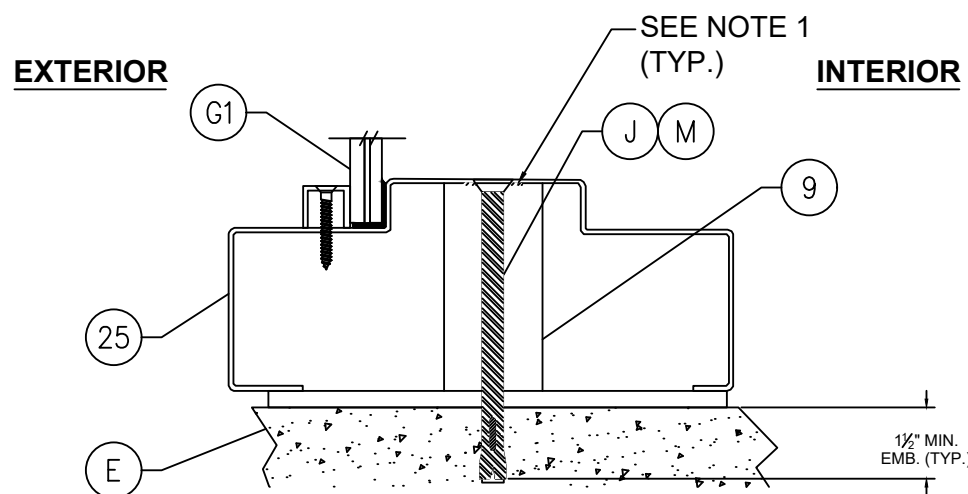




1
5 HORIZONTAL CROSS SECTION



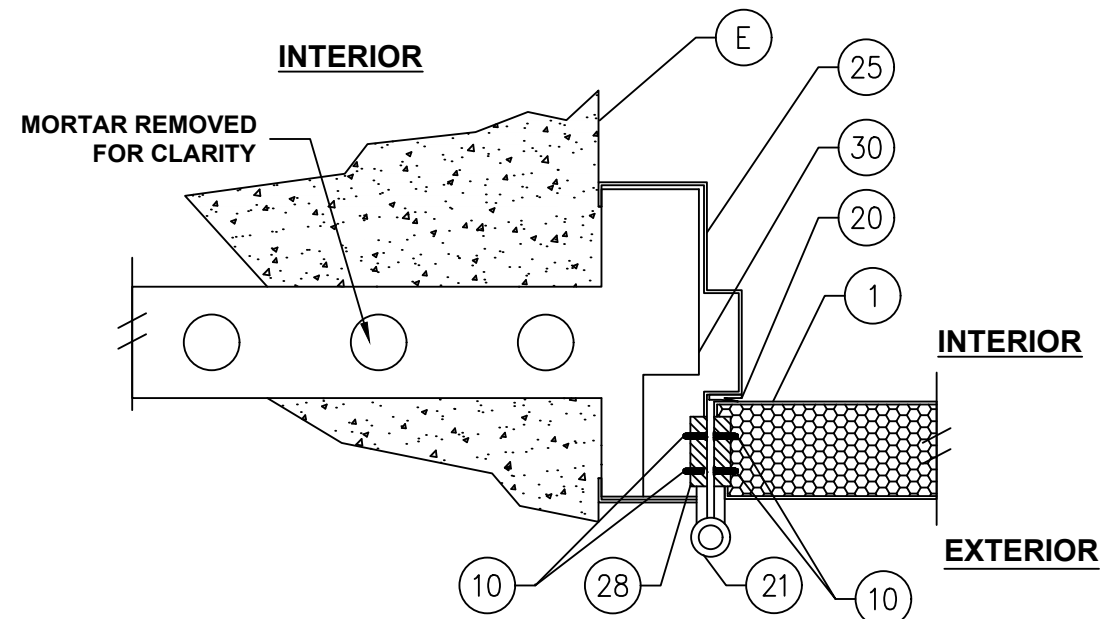
2
5 VERTICAL CROSS SECTION



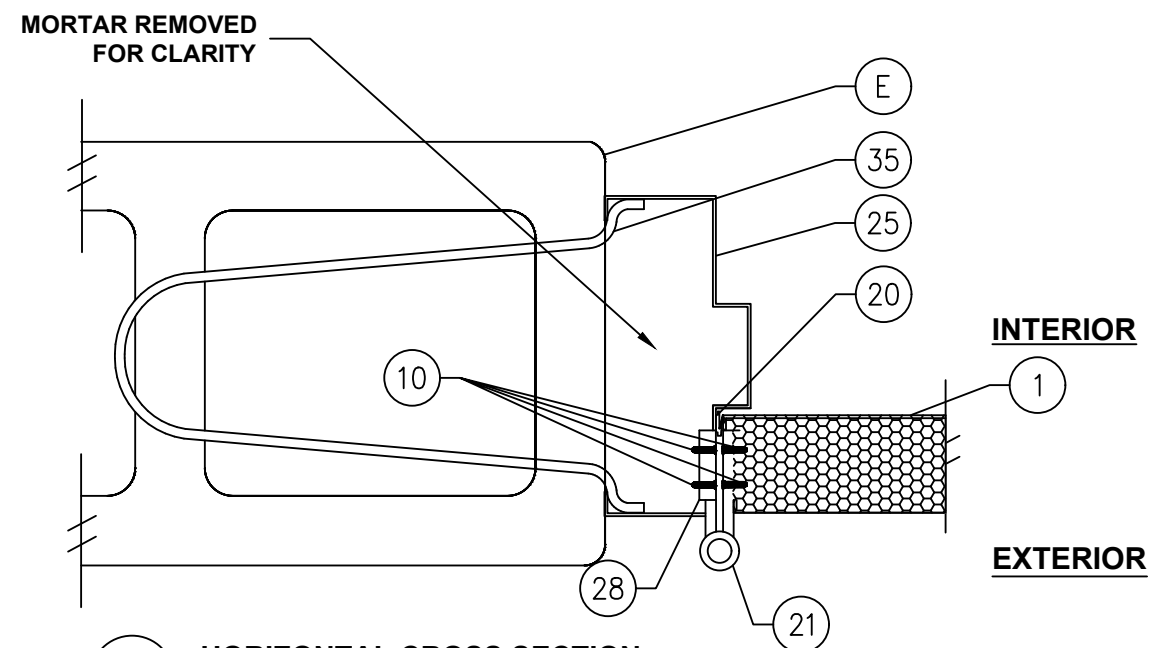
3
5 VERTICAL CROSS SECTION

NOTE:

1. SPOT WELD ANCHOR BRACKET TO FRAME. 2 WELDS PER FLANGE (4 TOTAL PER BRACKET). ALTERNATIVELY MIG WELD, 1 PER FLANGE (2 TOTAL PER BRACKET).



4
5 HORIZONTAL CROSS SECTION



5
5 HORIZONTAL CROSS SECTION

PROJECT # 420-1002

HMF EXPRESS
2501 NORTHCHASE PARKWAY SE
WILMINGTON, NC 28405

TITLE: SERIES HP STEEL DOOR W/WO SIDELIGHT & TRANSOM, IMPACT
HORIZONTAL & VERTICAL CROSS SECTIONS

DRAWN BY:	DAS	DATE:	2/27/19
SCALE:	N.T.S.	DRAWING NO:	HMF0003
REV:	A	SHEET:	5 OF 13

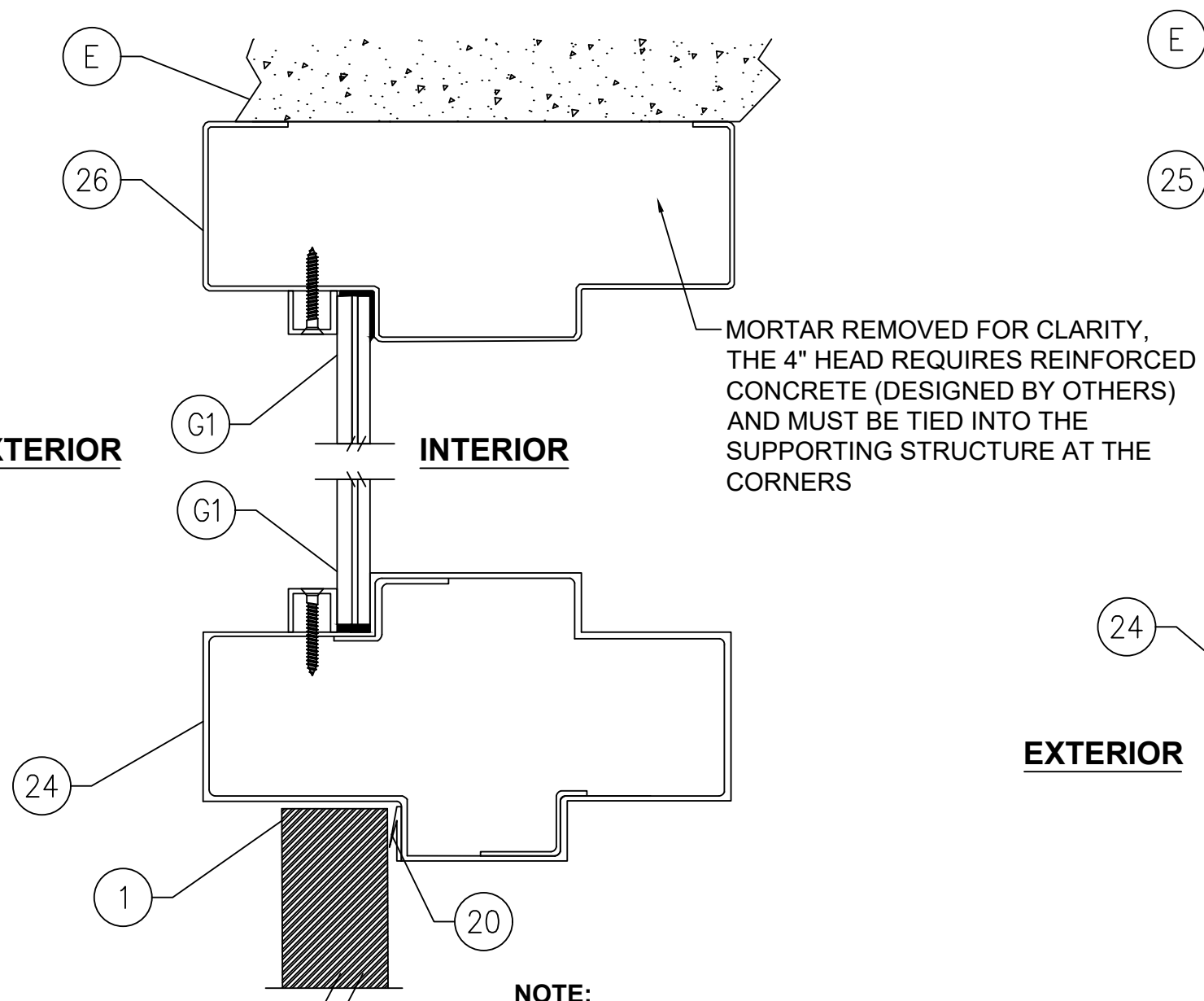
PTC PRODUCT DESIGN GROUP, LLC
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Fax: 321.690.1789
Email: info@ptc-corp.com
FBPE CA NO. 23585

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Florida P.E. No. 49752



EXTERIOR

INTERIOR



NOTE:

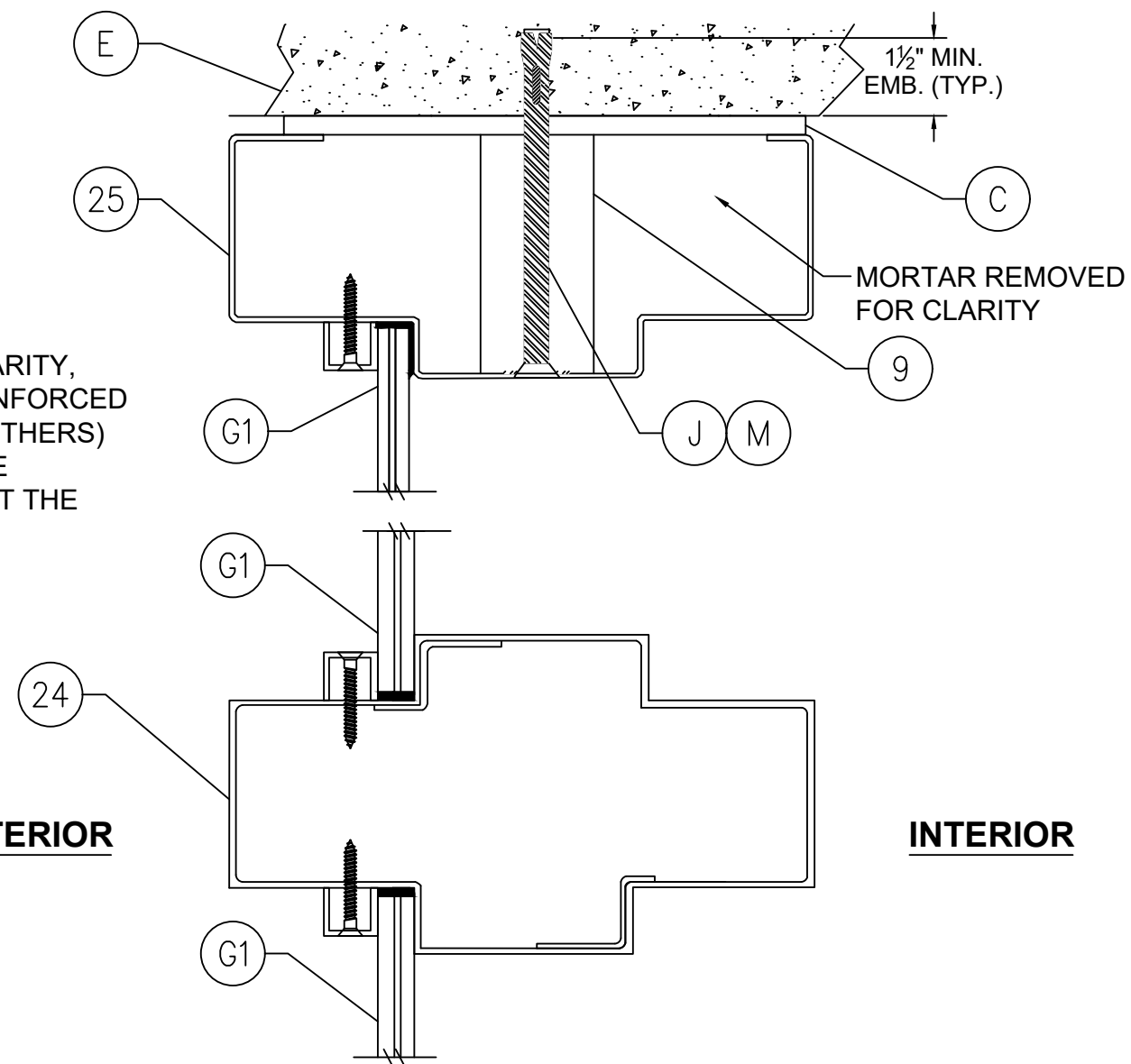
1. SPOT WELD ANCHOR BRACKET TO FRAME. 2 WELDS PER FLANGE (4 TOTAL PER BRACKET). ALTERNATIVELY MIG WELD, 1 PER FLANGE (2 TOTAL PER BRACKET).

VERTICAL CROSS SECTION

2" HEAD SHOWN. 4" HEAD APPROVED.

EXTERIOR

INTERIOR



VERTICAL CROSS SECTION

2" HEAD SHOWN. 4" HEAD APPROVED.

PROJECT # 420-1002

HMF EXPRESS
2501 NORTHCASE PARKWAY SE
WILMINGTON, NC 28405

TITLE: SERIES HP STEEL DOOR W/WO SIDELIGHT & TRANSOM, IMPACT
HORIZONTAL & VERTICAL CROSS SECTIONS

PREPARED BY: DAS
DATE: 2/27/19
SCALE: N.T.S.
DRAWING NO: HMF0003
REV: A
SHEET: 6 OF 13

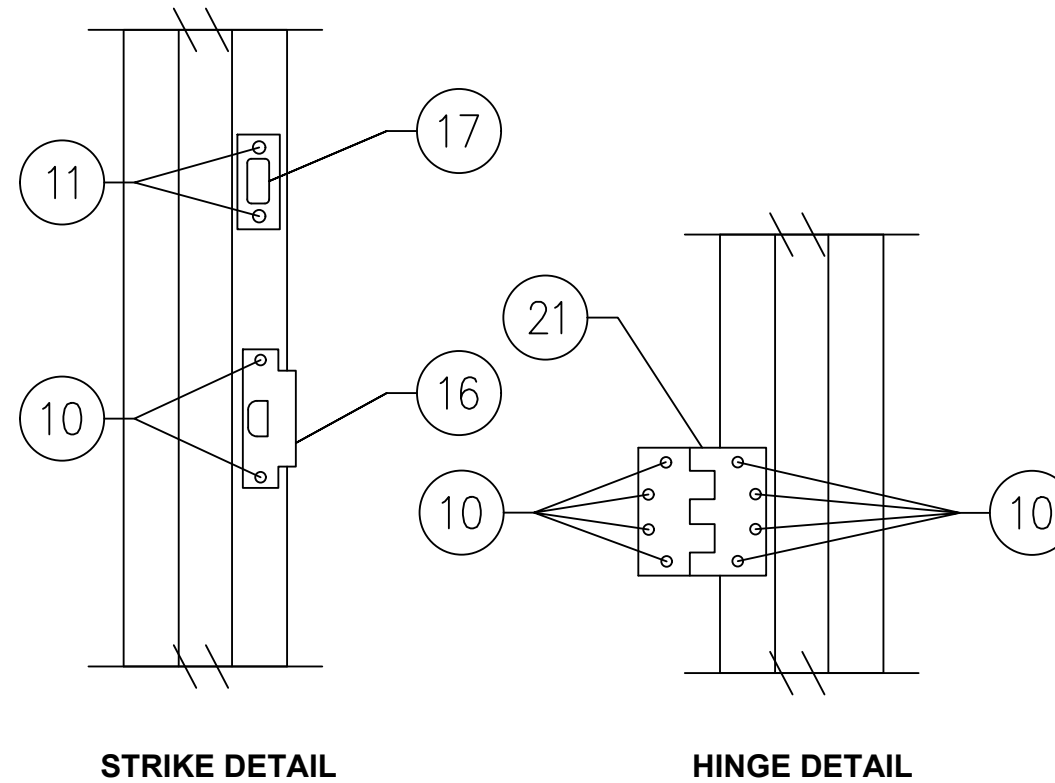
Robert J. Amoruso, P.E.
Florida P.E. No. 49752

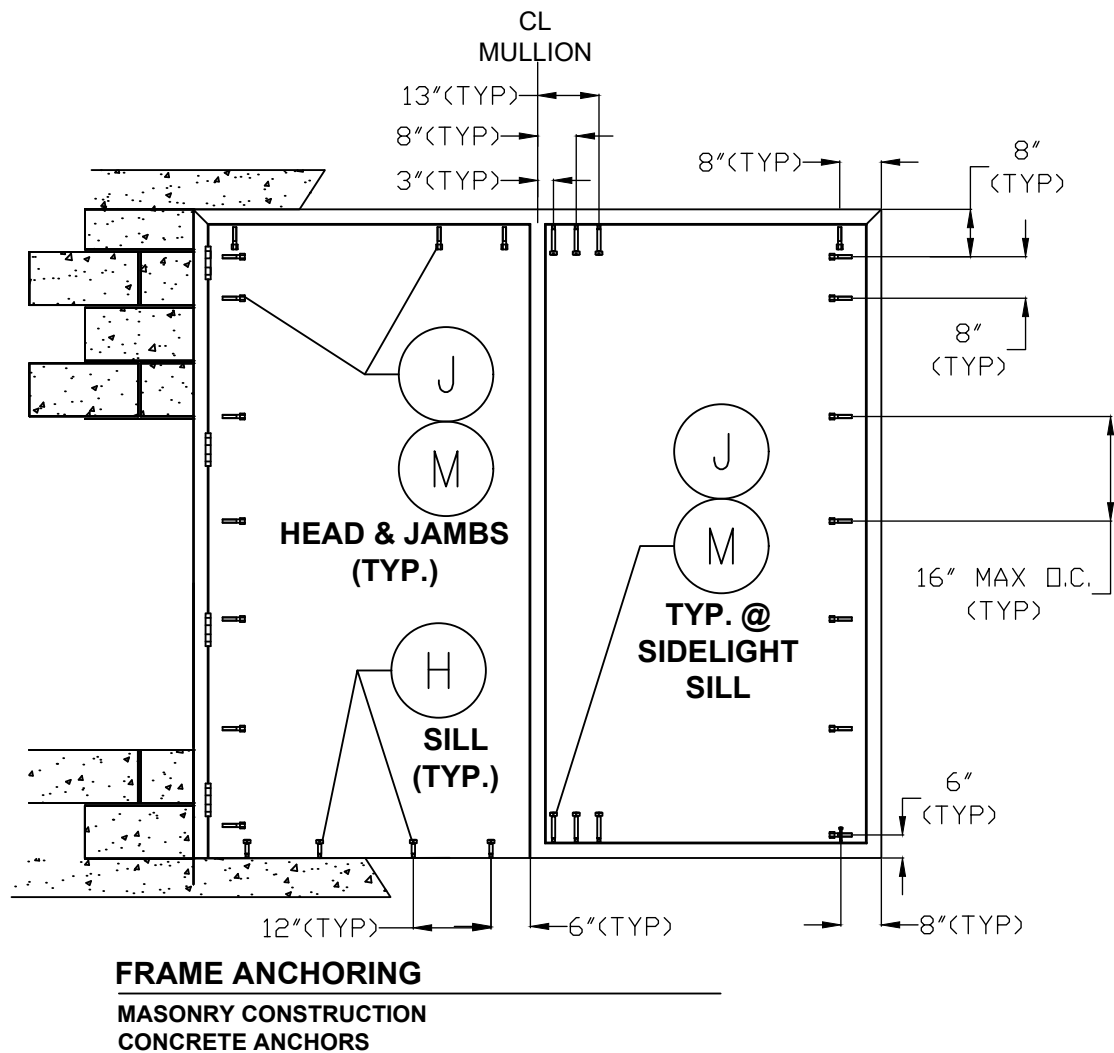
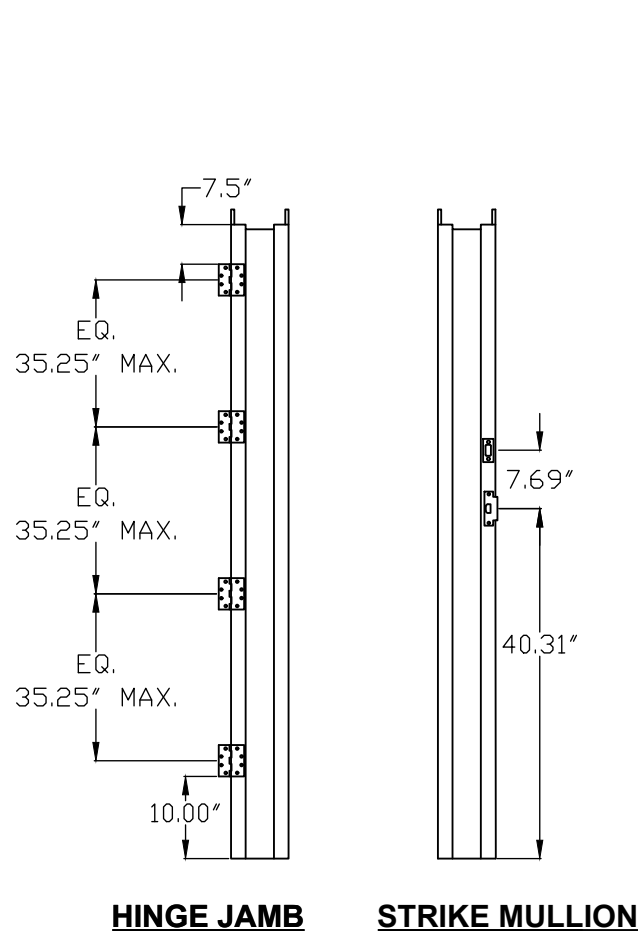




1. CONCRETE SCREW LOCATIONS MAY BE ADJUSTED TO MAINTAIN A MINIMUM 1" EDGE DISTANCE TO MORTAR JOINTS. IF CONCRETE SCREW LOCATIONS NOTED AS "MAX. O.C." MUST BE ADJUSTED TO MAINTAIN THE MINIMUM EDGE DISTANCE TO MORTAR JOINTS, ADDITIONAL CONCRETE SCREWS MAY BE REQUIRED TO ENSURE THE MAXIMUM ON CENTER DIMENSION IS NOT EXCEEDED.

ANCHOR TYPE	ANCHOR LOCATION	ANCHOR SIZE	MANUFACTURER	MIN. EDGE DISTANCE	MIN. EMBEDMENT
CONCRETE ANCHOR SCREW	JAMBS	3/8"	LDT TAPCON (ITW BUILDEX)	3"	1-1/2"
	SILL	1/4"	TAPCON (ITW BUILDEX) ULTRA CRETE FLEX (ELCO)	2-1/2"	1-1/4"
			TAPPER+ (POWERS)	2-1/2"	1-3/4"
CONCRETE SLEEVE ANCHOR	JAMBS	3/8"	DYNABOLT SLEEVE ANCHOR (ITW REDHEAD)	2-1/4"	1-1/2"



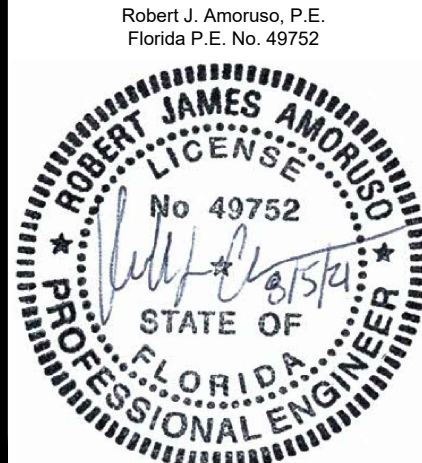
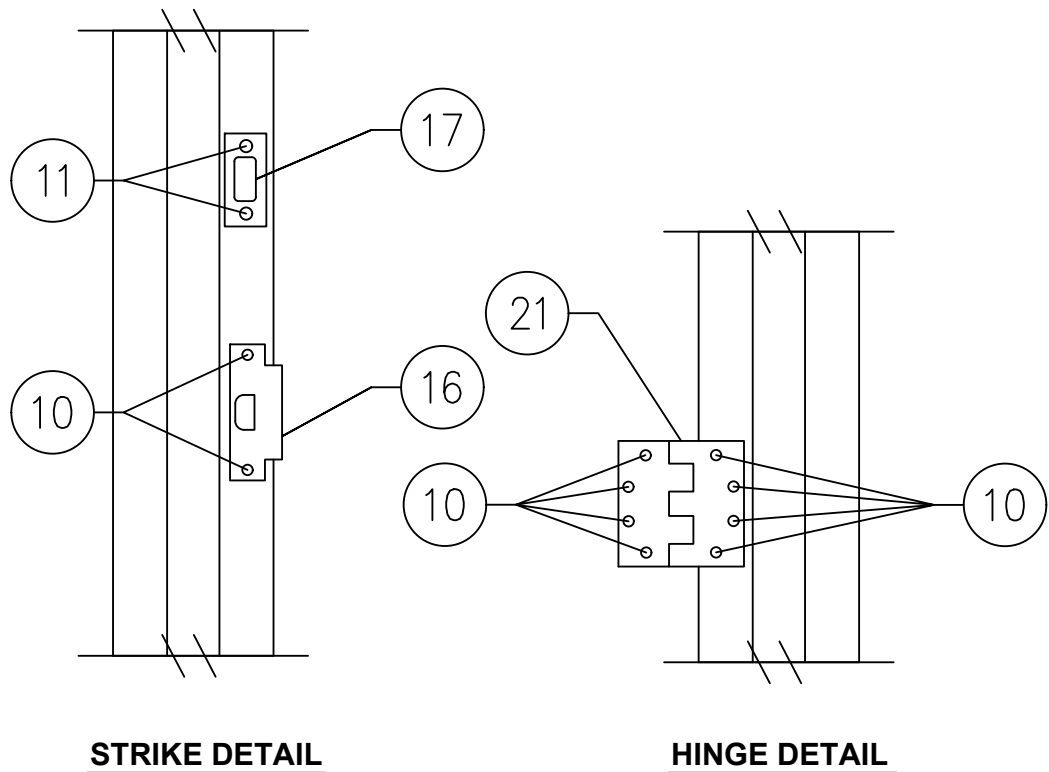


CONCRETE ANCHOR NOTES:

1. CONCRETE SCREW LOCATIONS MAY BE ADJUSTED TO MAINTAIN A MINIMUM 1" EDGE DISTANCE TO MORTAR JOINTS. IF CONCRETE SCREW LOCATIONS NOTED AS "MAX. O.C." 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.

2. CONCRETE ANCHOR TABLE:

ANCHOR TYPE	ANCHOR LOCATION	ANCHOR SIZE	MANUFACTURER	MIN. EDGE DISTANCE	MIN. EMBEDMENT
CONCRETE ANCHOR SCREW	JAMBS	3/8"	LDT TAPCON (ITW BUILDEX)	3"	1-1/2"
	SILL	1/4"	TAPCON (ITW BUILDEX) ULTRACON CRETE FLEX (ELCO)	2-1/2"	1-1/4"
			TAPPER+ (POWERS)	2-1/2"	1-3/4"
CONCRETE SLEEVE ANCHOR	JAMBS	3/8"	DYNABOLT SLEEVE ANCHOR (ITW REDHEAD)	2-1/4"	1-1/2"



PROJECT # 420-1002

HMF EXPRESS
2501 NORTHCASE PARKWAY SE
WILMINGTON, NC 28405

TITLE: SERIES HP STEEL DOOR W/VO SIDELIGHT & TRANSOM, IMPACT
ANCHORING DETAILS - XO CONFIGURATION

DRAWN BY: DAS
SCALE: N.T.S.
REV: A

DATE: 2/27/19
DRAWING NO: HMF0003
SHEET: 8 OF 13

PREPARED BY: PTC
PO BOX 520775
LONGWOOD, FLORIDA 32752
P&PE C.A. NO. 23355

PHONE: 321.690.1788
FAX: 321.690.1789
EMAIL: info@pte-corp.com

REV

DESCRIPTION

DATE

BY

A

UPDATE TO 2020 FBC

8/4/21

RJA

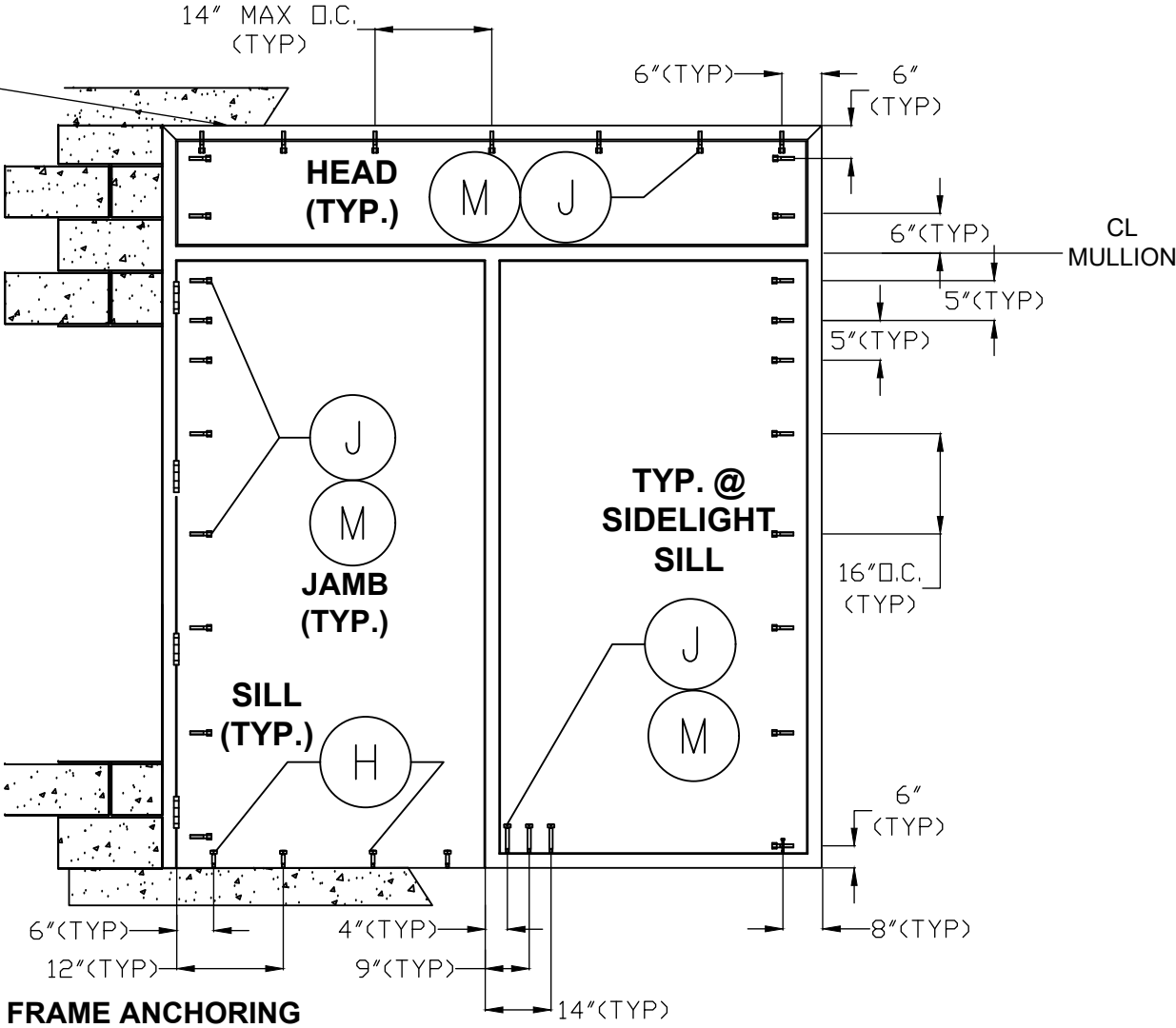
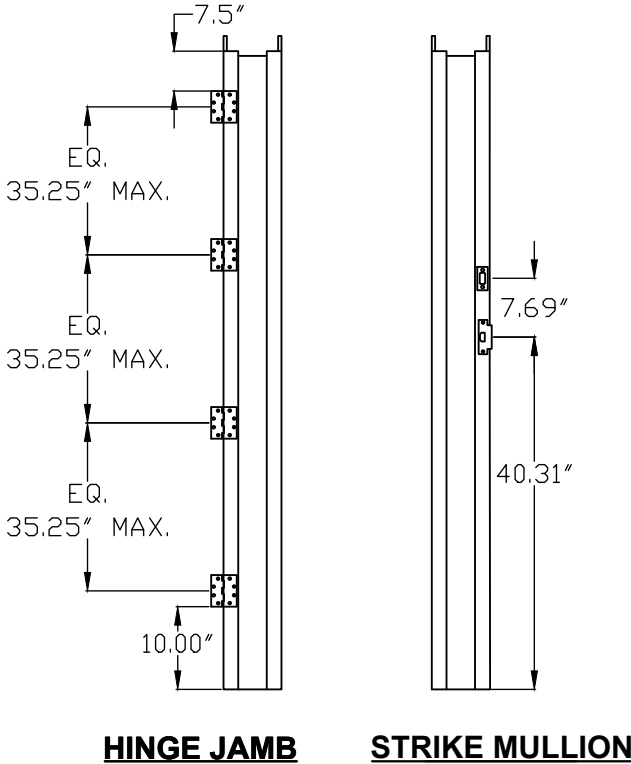


1. CONCRETE SCREW LOCATIONS MAY BE ADJUSTED TO MAINTAIN A MINIMUM 1" EDGE DISTANCE TO MORTAR JOINTS. IF CONCRETE SCREW LOCATIONS NOTED AS "MAX. O.C." MUST BE ADJUSTED TO MAINTAIN THE MINIMUM EDGE DISTANCE TO MORTAR JOINTS, ADDITIONAL CONCRETE SCREWS MAY BE REQUIRED TO ENSURE THE MAXIMUM ON CENTER DIMENSION IS NOT EXCEEDED.

ANCHOR TYPE	ANCHOR LOCATION	ANCHOR SIZE	MANUFACTURER	MIN. EDGE DISTANCE	MIN. EMBEDMENT
CONCRETE ANCHOR SCREW	JAMBS	3/8"	LDT TAPCON (ITW BUILDEX)	3"	1-1/2"
	SILL	1/4"	TAPCON (ITW BUILDEX) ULTRACON CRETE FLEX (ELCO)	2-1/2"	1-1/4"
			TAPPER+ (POWERS)	2-1/2"	1-3/4"
CONCRETE SLEEVE ANCHOR	JAMBS	3/8"	DYNABOLT SLEEVE ANCHOR (ITW REDHEAD)	2-1/4"	1-1/2"



NOTE: CONCRETE ANCHORS THROUGH THE HEAD JAMB ARE REQUIRED FOR THE 2" HEAD ONLY. THE 4" HEAD MUST BE TIED INTO THE CORNERS WITH REINFORCED CONCRETE INTO THE SUPPORTING HEADER

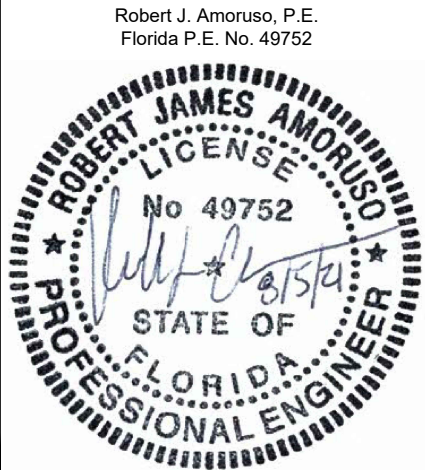
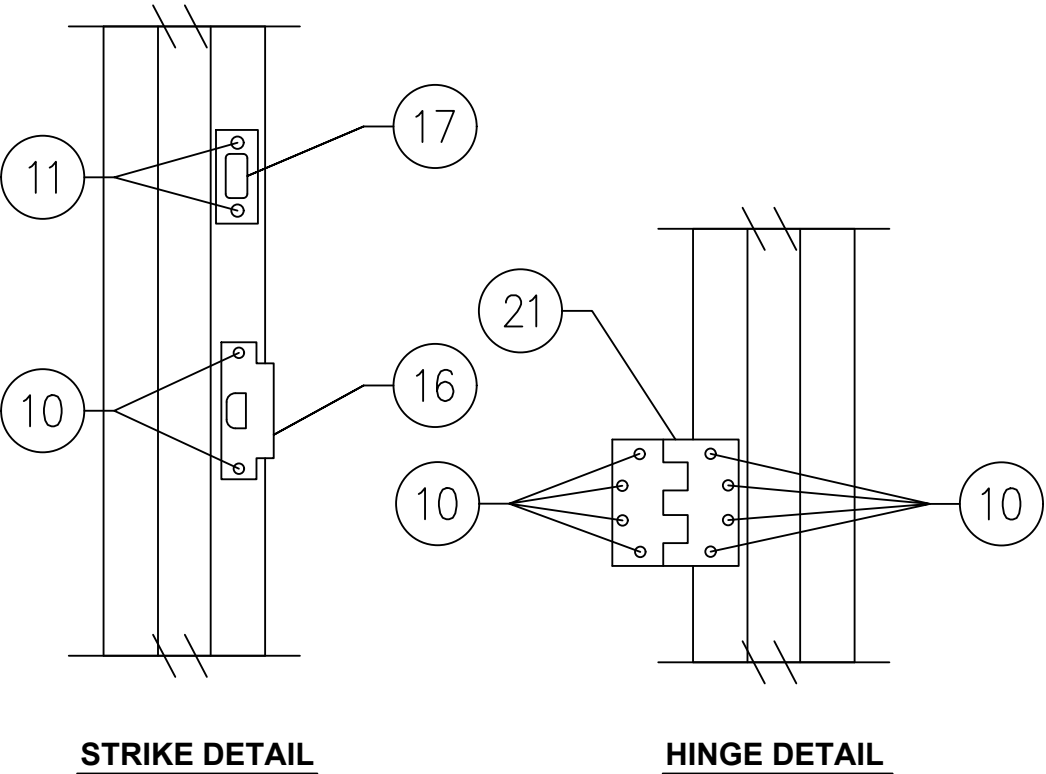


CONCRETE ANCHOR NOTES:

1. CONCRETE SCREW LOCATIONS MAY BE ADJUSTED TO MAINTAIN A MINIMUM 1" EDGE DISTANCE TO MORTAR JOINTS. IF CONCRETE SCREW LOCATIONS NOTED AS "MAX. O.C." 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.

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ANCHOR TYPE	ANCHOR LOCATION	ANCHOR SIZE	MANUFACTURER	MIN. EDGE DISTANCE	MIN. EMBEDMENT
CONCRETE ANCHOR SCREW	JAMBS	3/8"	LDT TAPCON (ITW BUILDEX)	3"	1-1/2"
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			TAPPER+ (POWERS)	2-1/2"	1-3/4"
CONCRETE SLEEVE ANCHOR	JAMBS	3/8"	DYNABOLT SLEEVE ANCHOR (ITW REDHEAD)	2-1/4"	1-1/2"



PROJECT # 420-1002

HMF EXPRESS
2501 NORTHCHASE PARKWAY SE
WILMINGTON, NC 28405

TITLE: SERIES HP STEEL DOOR W/ TWO SIDELIGHT & TRANSOM, IMPACT ANCHORING DETAILS - OXO CONFIGURATION

PREPARED BY: DAS

DATE: 2/27/19

DRAWING NO: HMF0003

SHEET: 10 OF 13

REV: A

DESCRIPTION

DATE

BY

8/4/21

UPDATE TO 2020 FBC

RJA

Technical drawing showing a vertical assembly with dimensions and labels. The drawing consists of two parts: a side view on the left and a front view on the right.

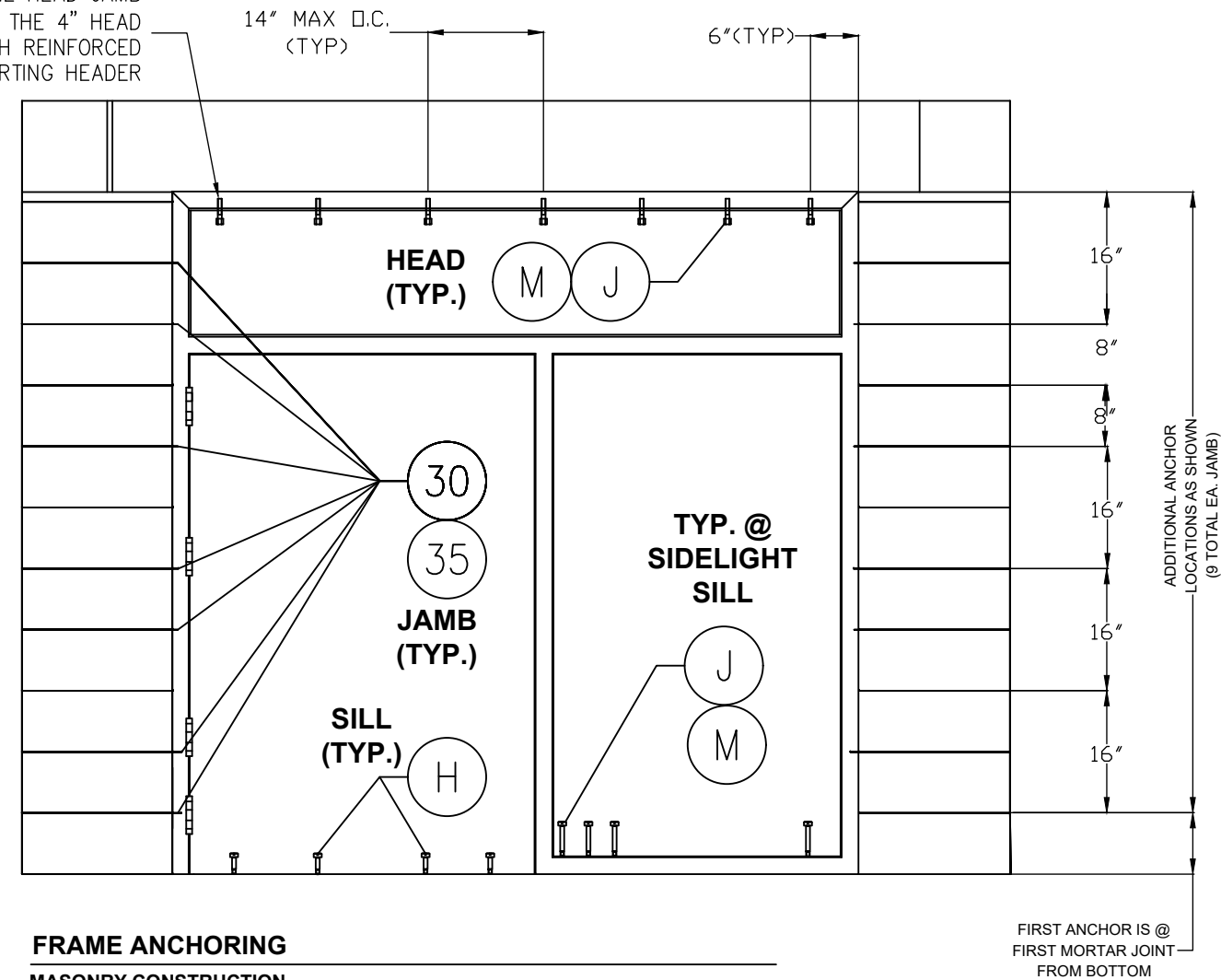
Side View (Left):

- Top dimension: 7.5"
- Vertical spacing between components: EQ. 35.25" MAX.
- Bottom dimension: 10.00"

Front View (Right):

- Vertical spacing between components: 7.69"
- Overall height: 40.31"

STRIKE MULLION

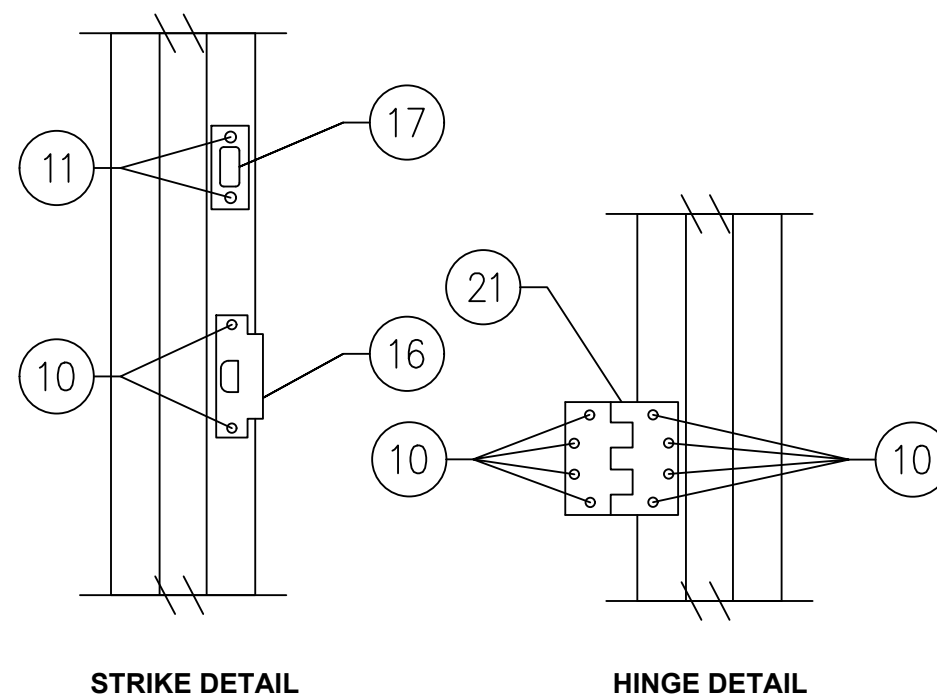


MASONRY CONSTRUCTION

MASONRY ANCHORS

1. CONCRETE SCREW LOCATIONS MAY BE ADJUSTED TO MAINTAIN A MINIMUM 1" EDGE DISTANCE TO MORTAR JOINTS. IF CONCRETE SCREW LOCATIONS NOTED AS "MAX. O.C." 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.

ANCHOR TYPE	ANCHOR LOCATION	ANCHOR SIZE	MANUFACTURER	MIN. EDGE DISTANCE	MIN. EMBEDMENT
CONCRETE ANCHOR SCREW	JAMBS	3/8"	LDT TAPCON (ITW BUILDEX)	3"	1-1/2"
	SILL	1/4"	TAPCON (ITW BUILDEX) ULTRA CON CRETE FLEX (ELCO)	2-1/2"	1-1/4"
			TAPPER+ (POWERS)	2-1/2"	1-3/4"
CONCRETE SLEEVE ANCHOR	JAMBS	3/8"	DYNABOLT SLEEVE ANCHOR (ITW REDHEAD)	2-1/4"	1-1/2"

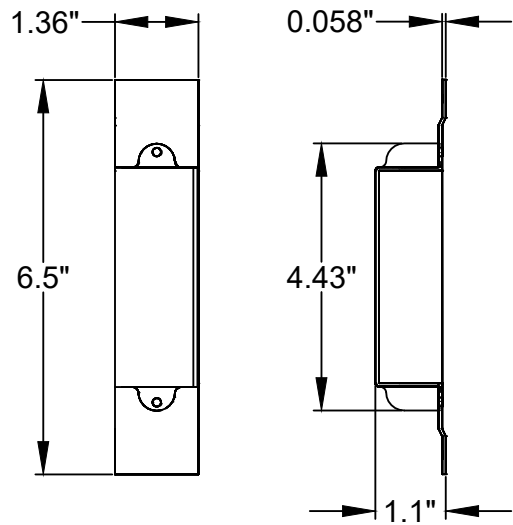


Phone: 321.690.1788
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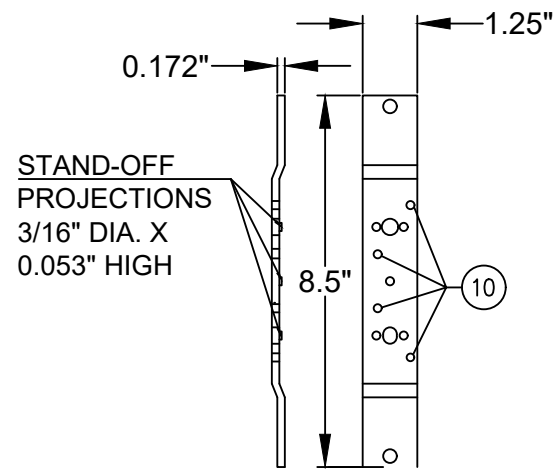
PLC PRODUCT DESIGN GROUP, LLC
PO BOX 520775
LONGWOOD, FLORIDA 32752
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Robert J. Amoruso, P.E.
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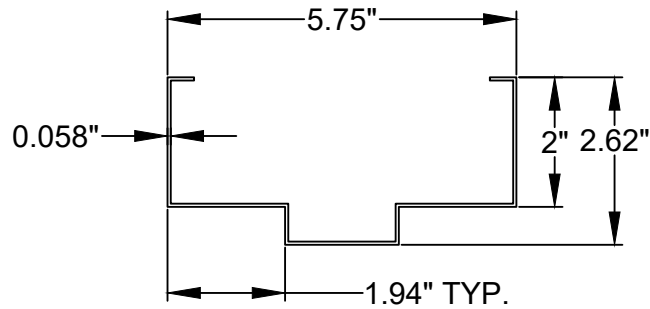




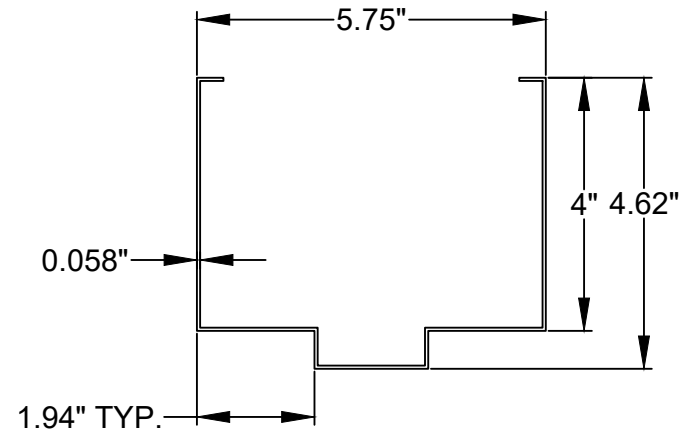
8 DUST BOX



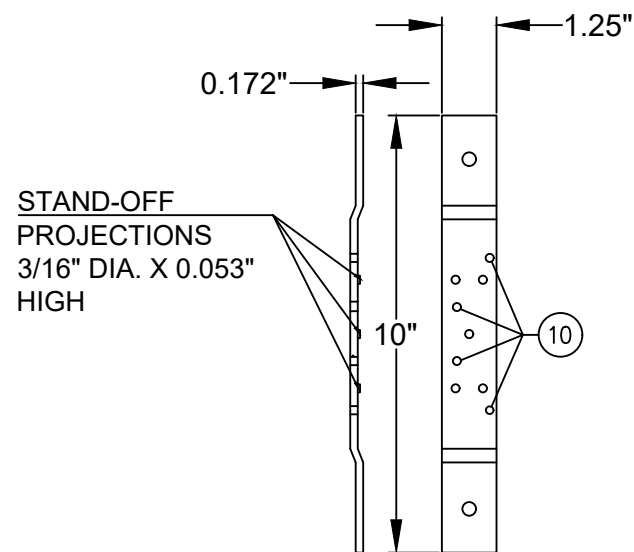
22 DOOR HINGE REINFORCEMENT
7 GAUGE STEEL



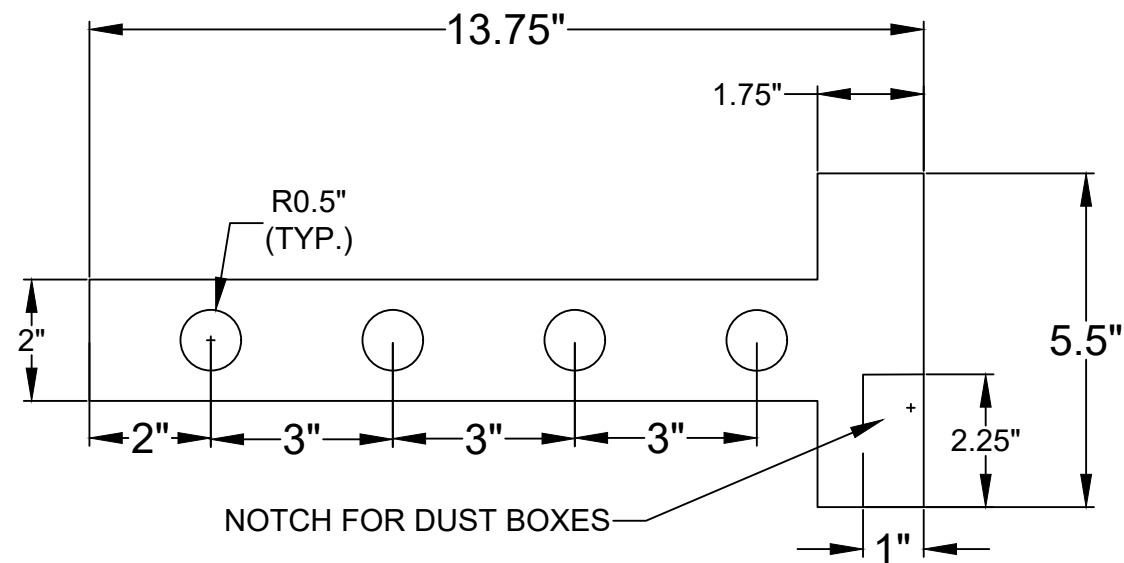
25 HOLLOW METAL FRAME
2" FACE JAMB



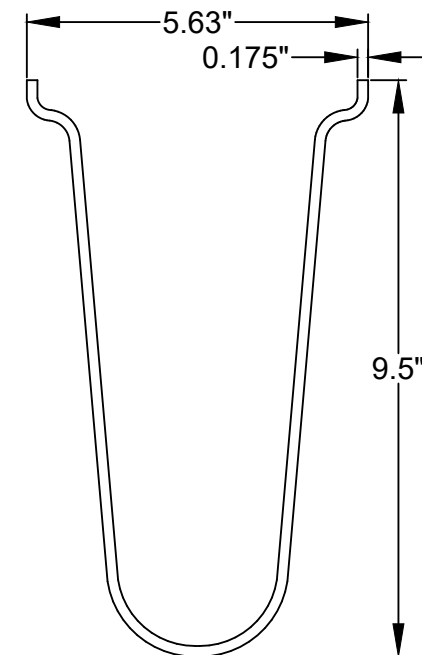
26 HOLLOW METAL FRAME
4" FACE JAMB



28 FRAME HINGE REINFORCEMENT
7 GAUGE STEEL



30 "T" ANCHOR
0.058" THICK STEEL



35 WIRE ANCHOR

PROJECT # 420-1002

HMF EXPRESS
2501 NORTHCASE PARKWAY SE
WILMINGTON, NC 28405

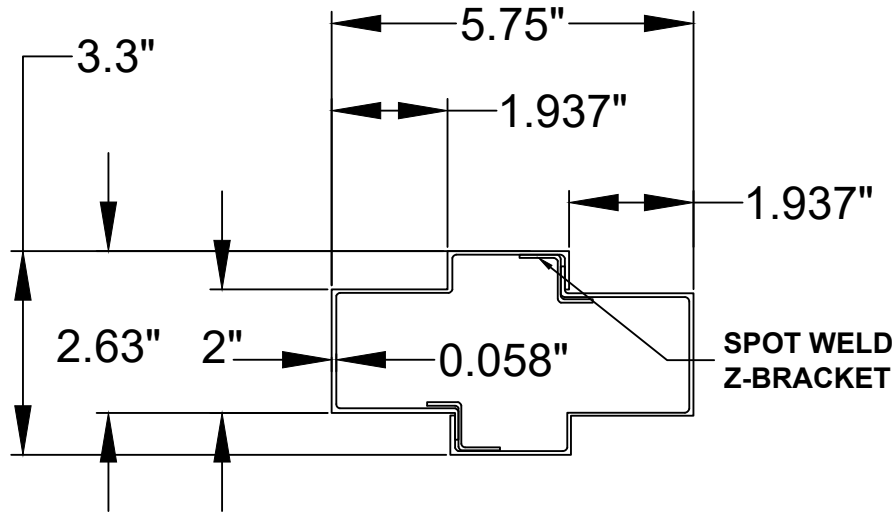
TITLE: SERIES HP STEEL DOOR W/ TWO SIDELIGHT & TRANSOM, IMPACT COMPONENTS

DRAWN BY:	DAS	DATE:	2/27/19
SCALE:	N.T.S.	DRAWING NO:	HMF-0003
REV:	A	SHEET:	12 OF 13

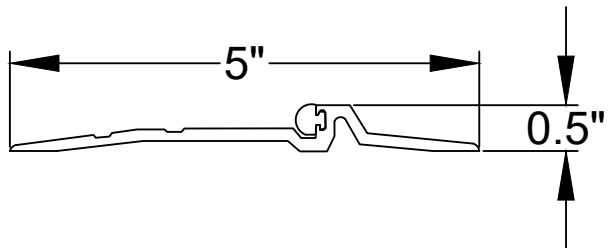
PREPARED BY: **PTC**
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520775
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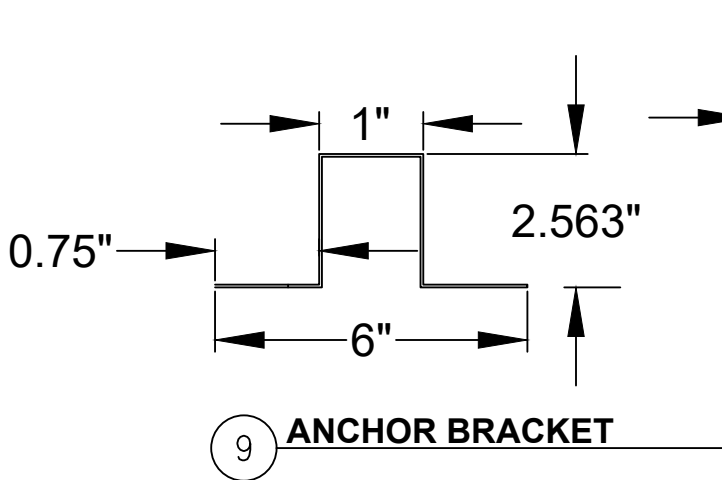


24 MULLION

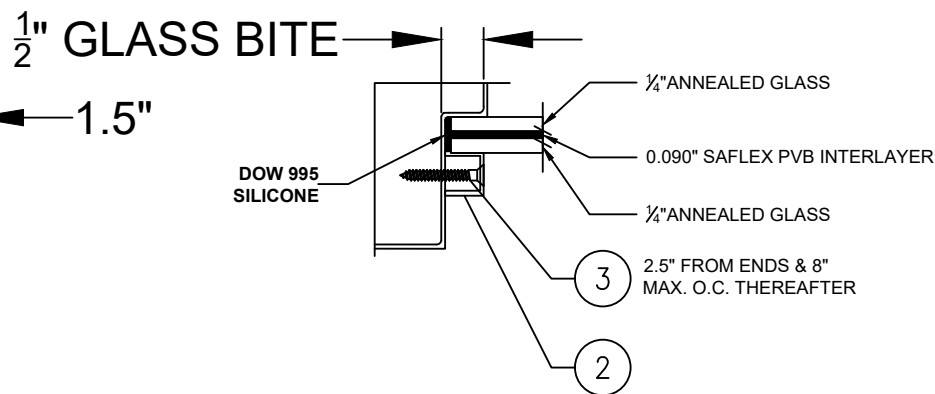


40 THRESHOLD

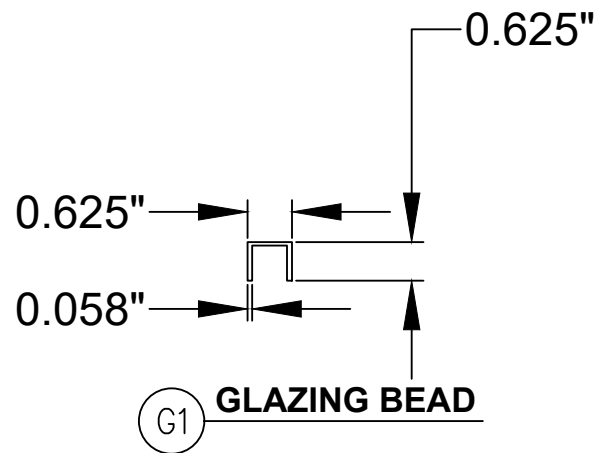
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERAILS
C	$\frac{1}{4}$ " MAX. SHIM SPACE	-
D	$\frac{1}{4}$ " X $2\frac{3}{4}$ " ELCO OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 2,500 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK (GROUT FILLED) CONFORMING TO ASTM C90	CONCRETE
H	$\frac{1}{4}$ " DIA, PFH CONCRETE SCREW (SEE ANCHOR TABLE ON SHEETS 7 THRU 11)	STEEL
J	$\frac{3}{8}$ " DIA, PFH DYNABOLT SLEEVE ANCHOR (SEE ANCHOR TABLE ON SHEETS 7 THRU 11)	STEEL
M	$\frac{3}{8}$ " DIA, LDT TAPCON CONCRETE SCREW (SEE ANCHOR TABLE ON SHEETS 7 THRU 11)	STEEL
1	STEEL DOOR PANEL	-
2	GLAZING BEAD	STEEL
3	#6 X 1-1/4" PFH SELF-DRILLING TEK SCREW	STEEL
8	DUST BOX	STEEL
9	ANCHOR BRACKET	STEEL
10	#12-24 X $\frac{1}{2}$ " PFH MACHINE SCREW	STEEL
11	#8 X $\frac{3}{4}$ " COMBINATION WOOD/MACHINE SCREW	STEEL
16	ANSI LATCH STRIKE	STEEL
17	DEADBOLT STRIKE	STEEL
19	DEADBOLT STRIKE REINFORCEMENT	STEEL
20	WEATHERSTRIP (HAGER #720)	NEOPRENE
21	4 $\frac{1}{2}$ " X 4 $\frac{1}{2}$ " HINGE	STEEL
22	DOOR HINGE REINFORCEMENT	STEEL
24	MULLION - 16GA. (0.058"THK)	STEEL
25	HOLLOW FRAME (2" FACE JAMB)-16 GA. (0.058"THK)	STEEL
26	HOLLOW FRAME (4" FACE HEAD)-16 GA. (0.058"THK)	STEEL
28	FRAME HINGE REINFORCEMENT	STEEL
30	MASONARY "T" ANCHOR	STEEL
35	WIRE ANCHOR	STEEL
40	THRESHOLD (HAGER #520S)	ALUMINIUM



9 ANCHOR BRACKET



G1 GLAZING DETAIL



G1 GLAZING BEAD

PROJECT # 420-1002

HMF EXPRESS
2501 NORTHCHASE PARKWAY SE
WILMINGTON, NC 28405

TITLE: SERIES HP STEEL DOOR W/WO SIDELIGHT & TRANSOM, IMPACT
BILL OF MATERIALS, COMPONENTS & GLAZING DETAIL

PREPARED BY: DATE: 2/27/19

DRAWING NO: HMF0003

SHEET: 13 OF 13

REV: A

DESCRIPTION

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8/4/21

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