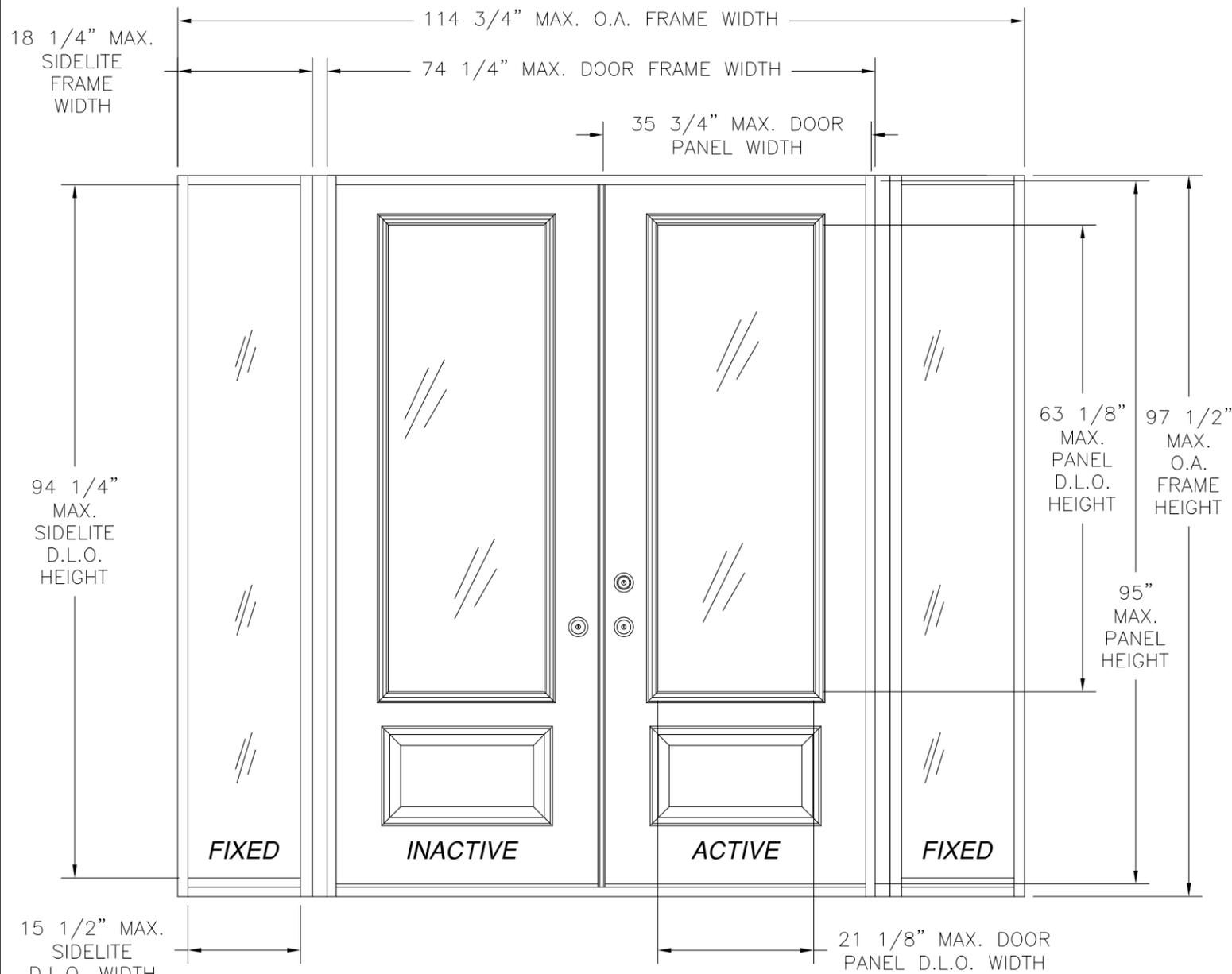


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REMOVED OS CONFIGURATION	03/21/12	R.L.



SIGNET INSWING FIBERGLASS DOUBLE DOOR W/SIDELITES

EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
+48.0/-52.0PSF	NONE
THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE THE WATER REQUIREMENT IS NOT NEEDED	

FOR ADDITIONAL APPROVED CONFIGURATIONS SEE SHEET 3.

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	INSWING ELEVATION AND NOTES
2	ADDITIONAL CONFIGURATIONS, COMPONENTS AND HARDWARE
3	ANCHORING LAYOUTS
4 - 5	INSTALLATION DETAILS

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE 2006 INTERNATIONAL BUILDING CODE AND THE 2006 RESIDENTIAL CODE WITH TEXAS STATE MODIFICATIONS.
2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
4. FRAME MATERIAL: WOOD WITH G.42 MINIMUM SPECIFIC GRAVITY.
5. DOOR PANEL MATERIAL: .080" THICK FIBERGLASS WITH WOOD TOP RAIL AND COMPOSITE BOTTOM RAIL.
6. UNITS MAY BE INSTALLED WITH EITHER SCHLAGE F-SERIES DOOR KNOB AND B-SERIES OR F-SERIES DEADBOLT OR EMTEK RESIDENTIAL GRADE DOOR HANDLE ASSEMBLY OR MULTI-POINT LOCK HANDLE ASSEMBLY BY TRILENNIUM, SEE HARDWARE SCHEDULE SHEET 2 FOR APPROVED HARDWARE.
7. UNITS MUST BE GLAZED PER ASTM E1300-04.
8. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
9. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
10. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
11. FOR ANCHORING INTO MASONRY/CONCRETE USE 3/16" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
12. ALL FASTENERS TO BE CORROSION RESISTANT.
13. 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 BELOW:
 - A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
 - B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
 - C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).

PROVIA DOOR, INC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

SIGNET IS 8'0 GLAZED FIBERGLASS DOOR
W/ AND W/OUT DIRECTSET SIDELITES
ELEVATION AND NOTES

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SCALE NTS	DATE 12/17/10	SHEET 1 OF 5

SIGNED: 03/22/2012

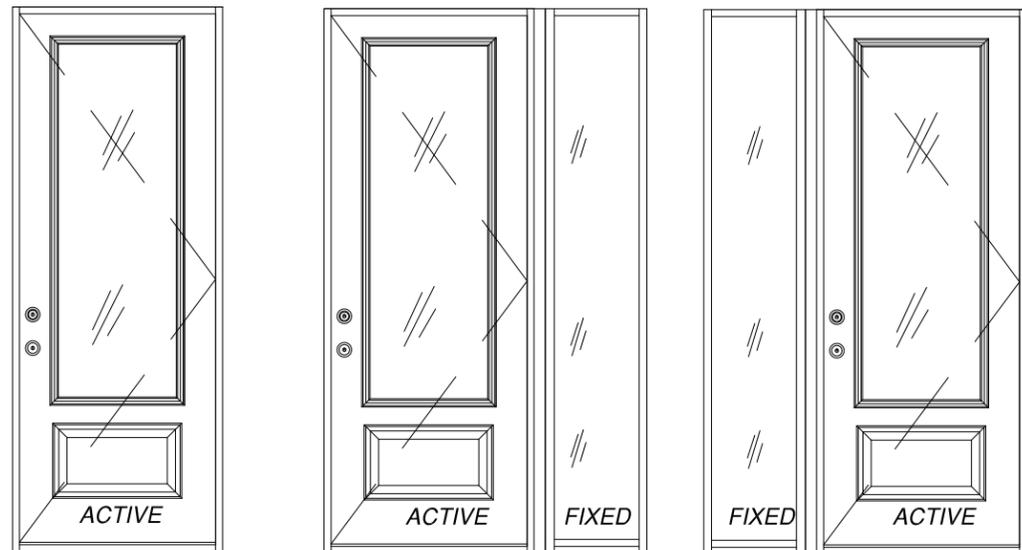


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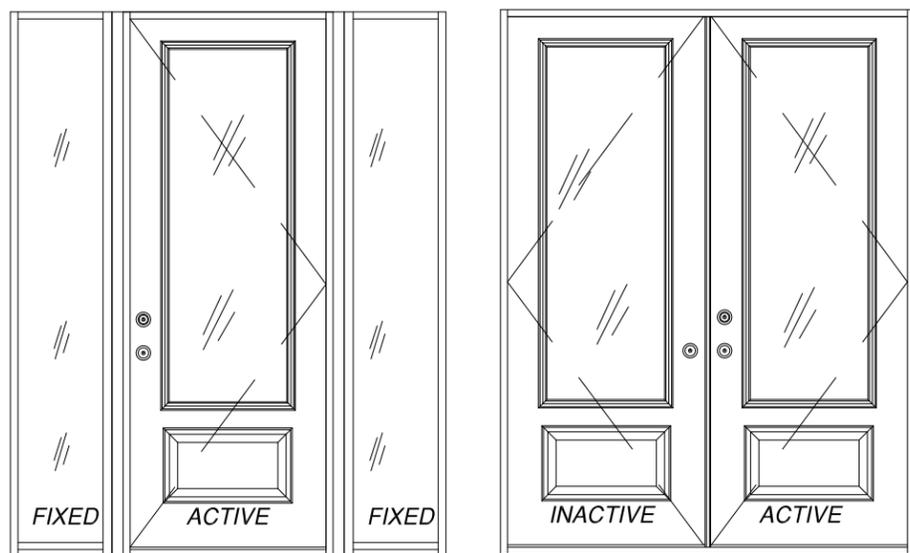
HARDWARE SCHEDULE

- A. F-SERIES LOCK ASSEMBLY DOOR KNOB BY SCHLAGE.
- B. B-SERIES DEADBOLT ASSEMBLY BY SCHLAGE.
- C. F-SERIES DEADBOLT ASSEMBLY BY SCHLAGE.
- D. RESIDENTIAL GRADE DOOR HANDLE ASSEMBLY BY EMTEK (ALTERNATE).
- E. MULTI-POINT LOCK HANDLE ASSEMBLY BY TRILENNIUM (ALTERNATE).
- F. INSWING HURRICANE ASTRAGAL BY ENDURA.
- G. (3) 4" x 4" BALL BEARING HINGES BY PENROD.
- H. (3) 4" x 4" SPRING BOMMER HINGES BY PENROD. (ALTERNATE)

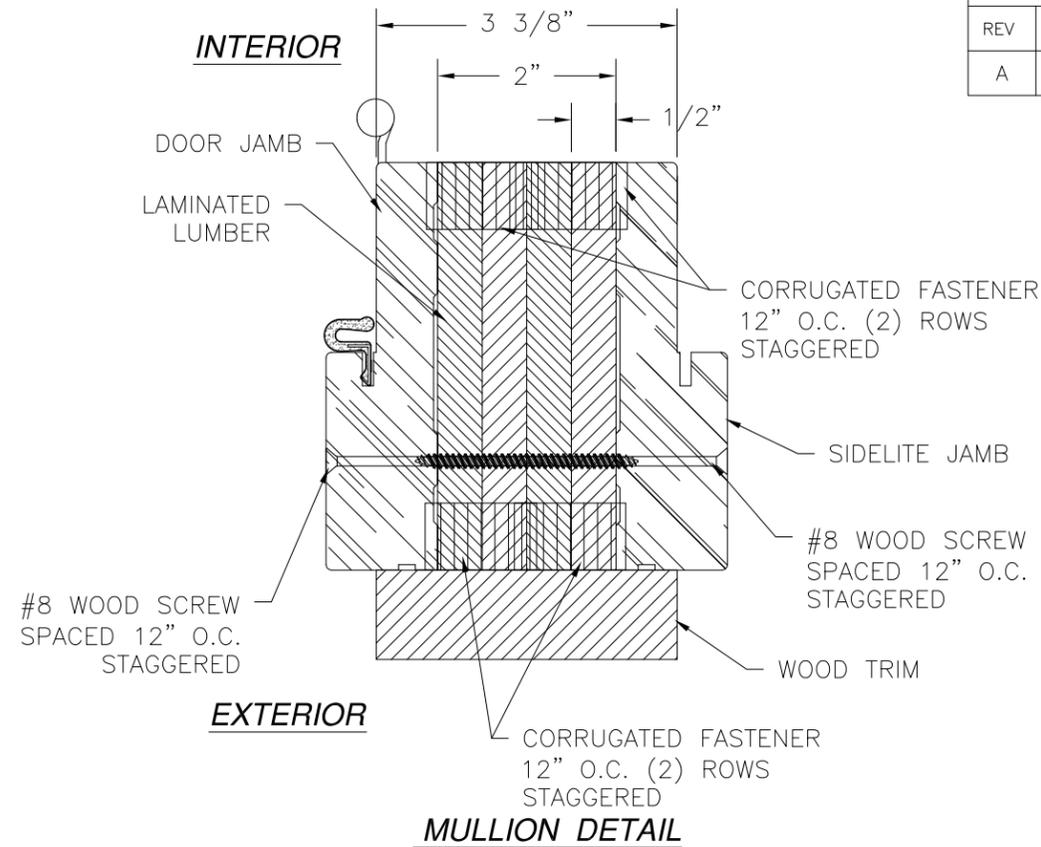
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REV	DESCRIPTION	DATE	APPROVED
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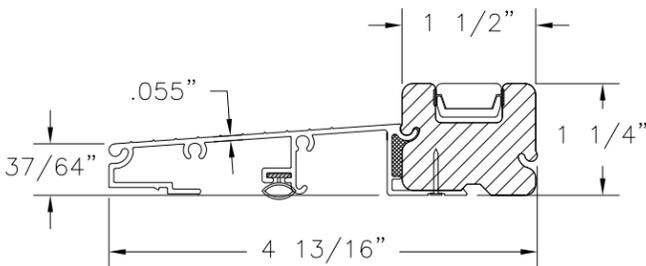
SINGLE EXTERIOR VIEW **SINGLE W/SIDELITE EXTERIOR VIEW** **SINGLE W/SIDELITE EXTERIOR VIEW**



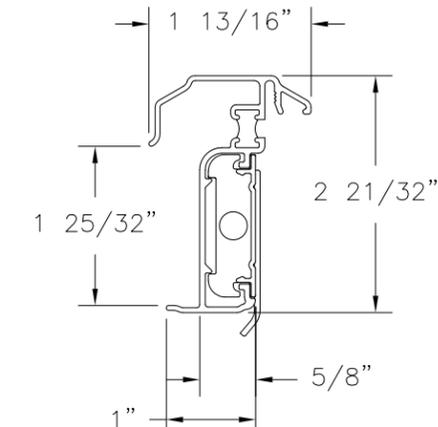
SINGLE W/SIDELITES EXTERIOR VIEW **DOUBLE EXTERIOR VIEW**



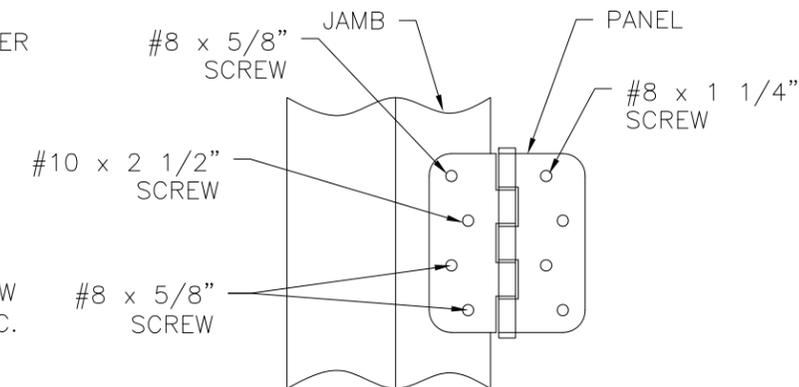
MULLION DETAIL



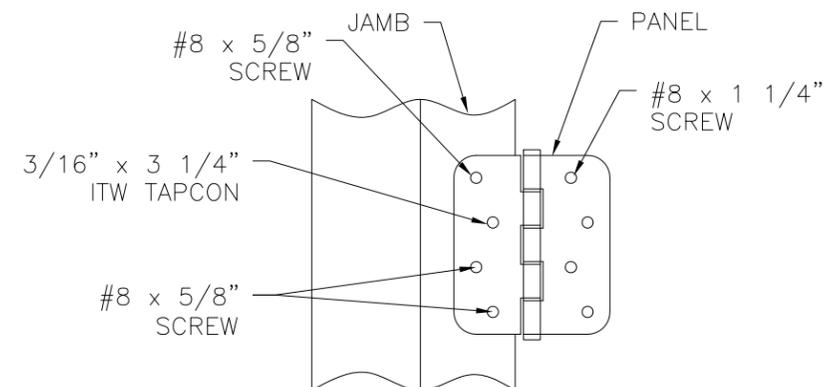
DOOR SILL DETAIL



HURRICANE ASTRAGAL DETAIL



HINGE INSTALLATION DETAIL
MULLION OR 2X WOOD FRAMING INSTALLATION



HINGE INSTALLATION DETAIL
MASONRY/CONCRETE INSTALLATION

NOTE:
APPROVED CONFIGURATIONS ARE SHOWN AS
RIGHT HAND ACTIVE, LEFT HAND ACTIVE IS
ALSO APPROVED.

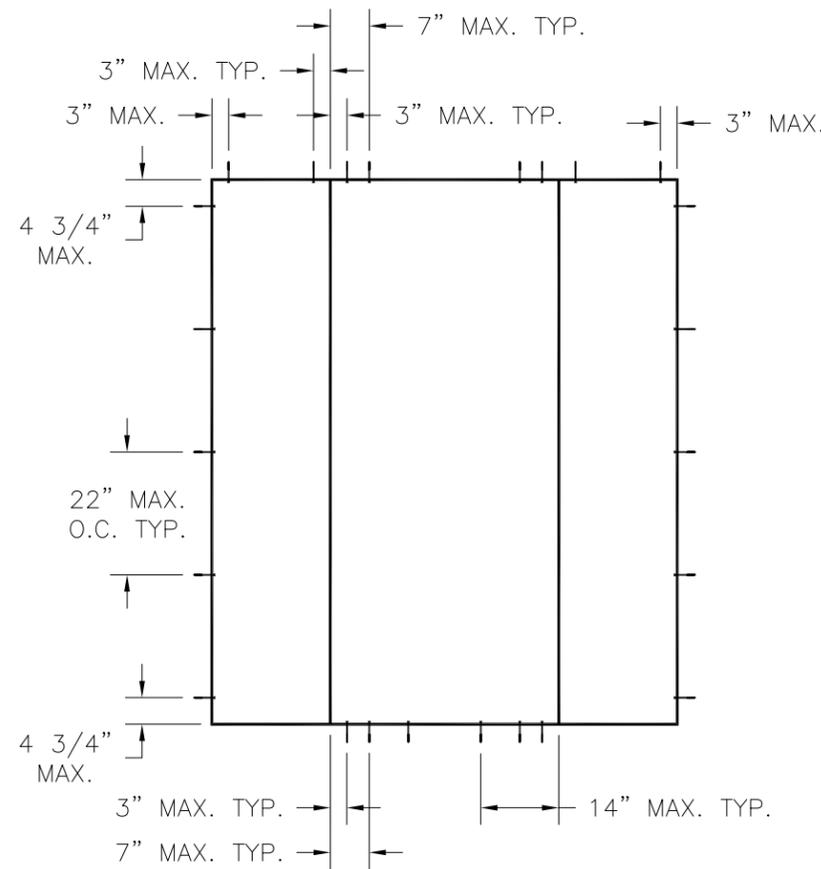
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2150 STATE ROUTE 39 WEST
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ADDITIONAL CONFIGURATIONS AND COMPONENTS

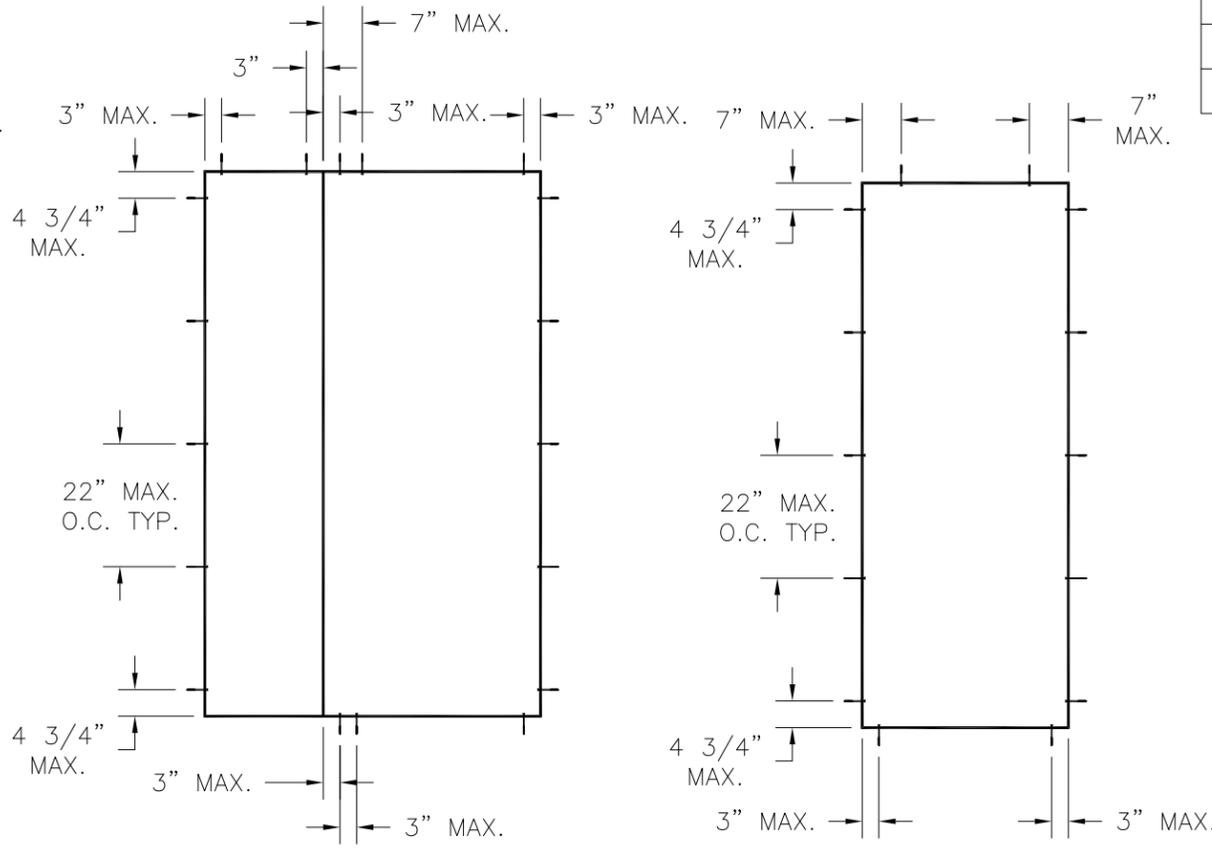
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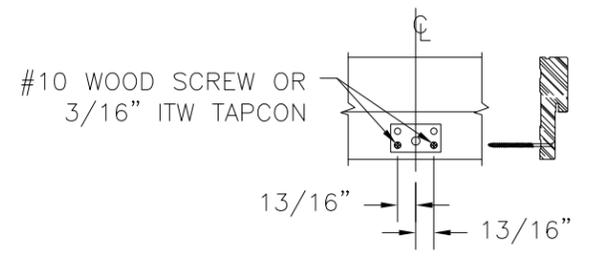
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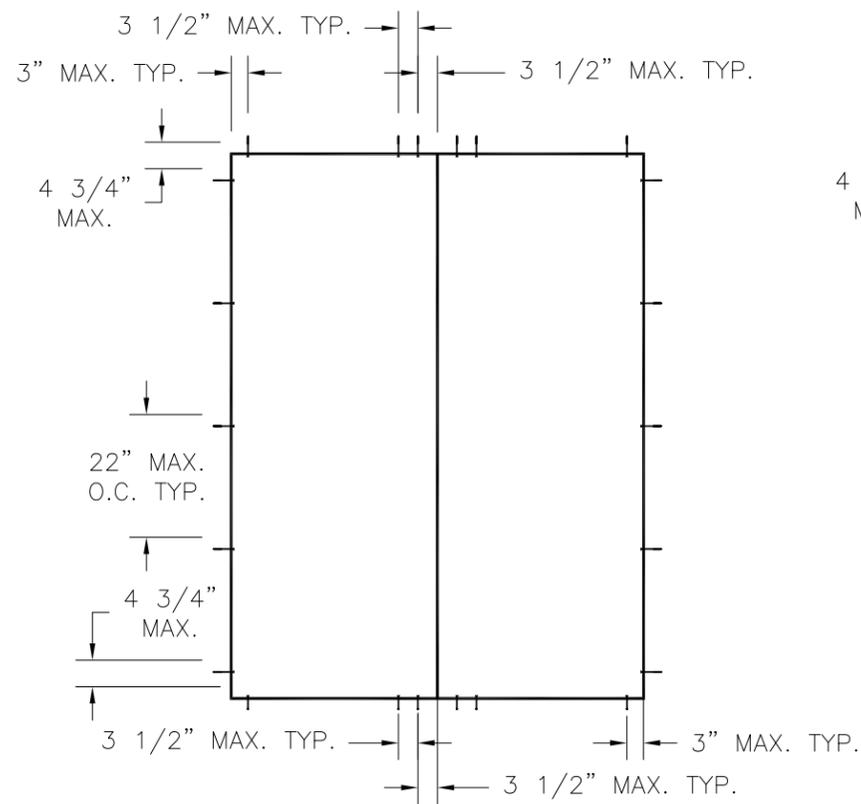
SINGLE W/SIDELITE

SINGLE

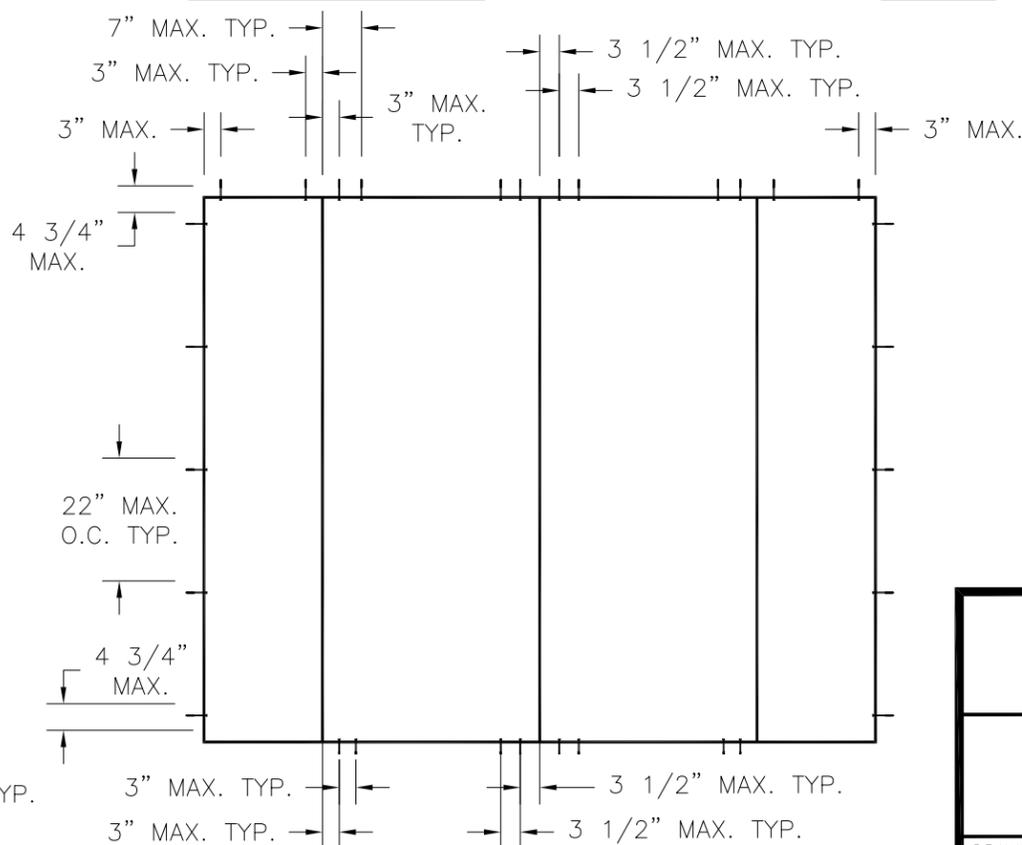
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REV	DESCRIPTION	DATE	APPROVED
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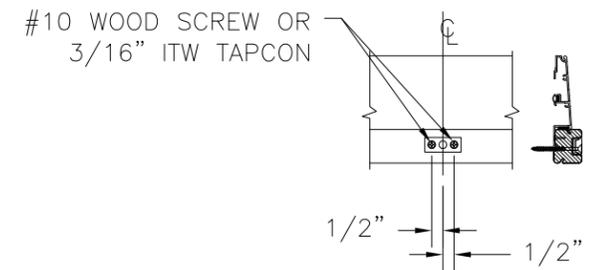
HEAD STRIKE DETAIL



DOUBLE



DOUBLE W/SIDELITES



SILL STRIKE DETAIL

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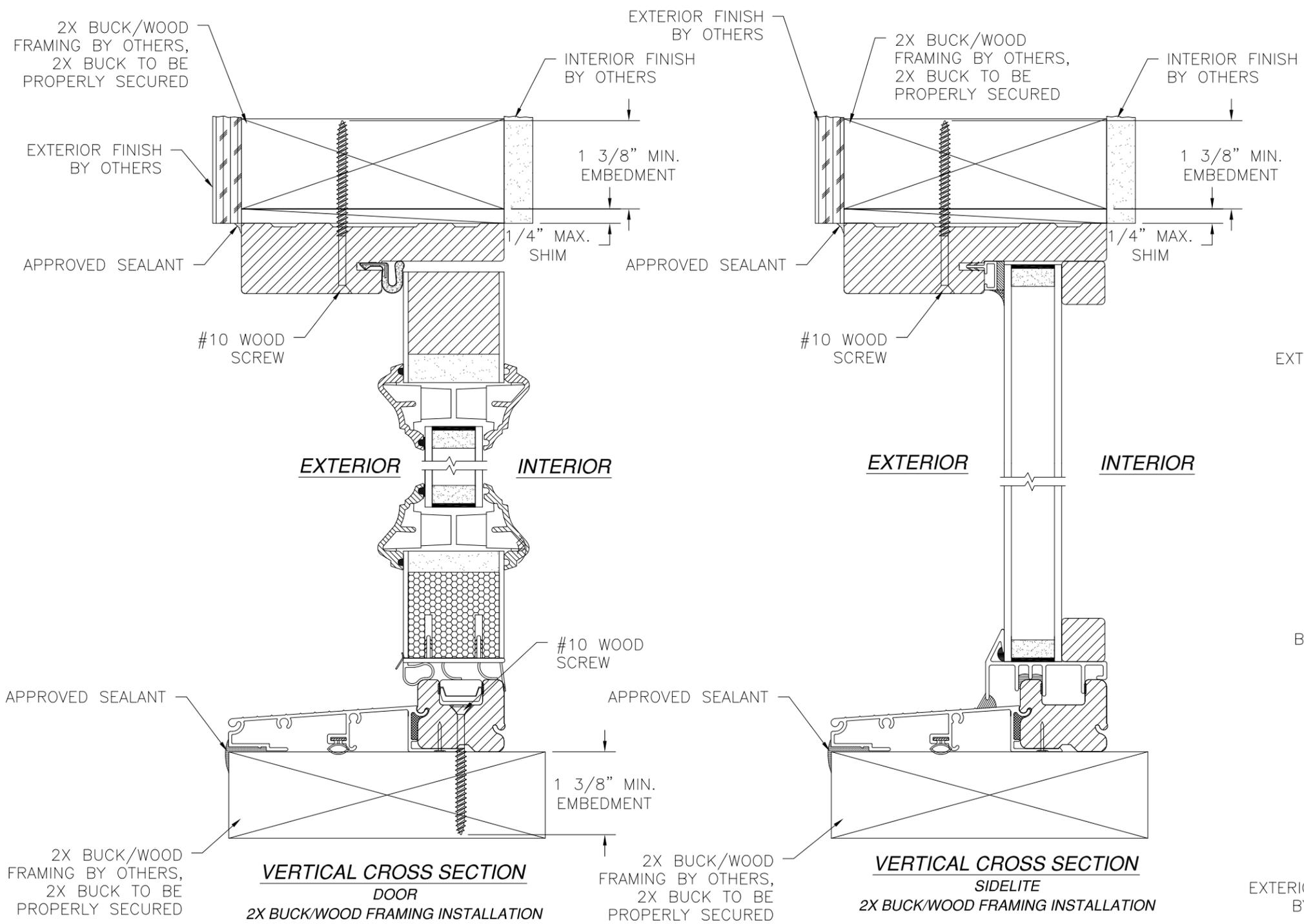
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ANCHORING LAYOUTS

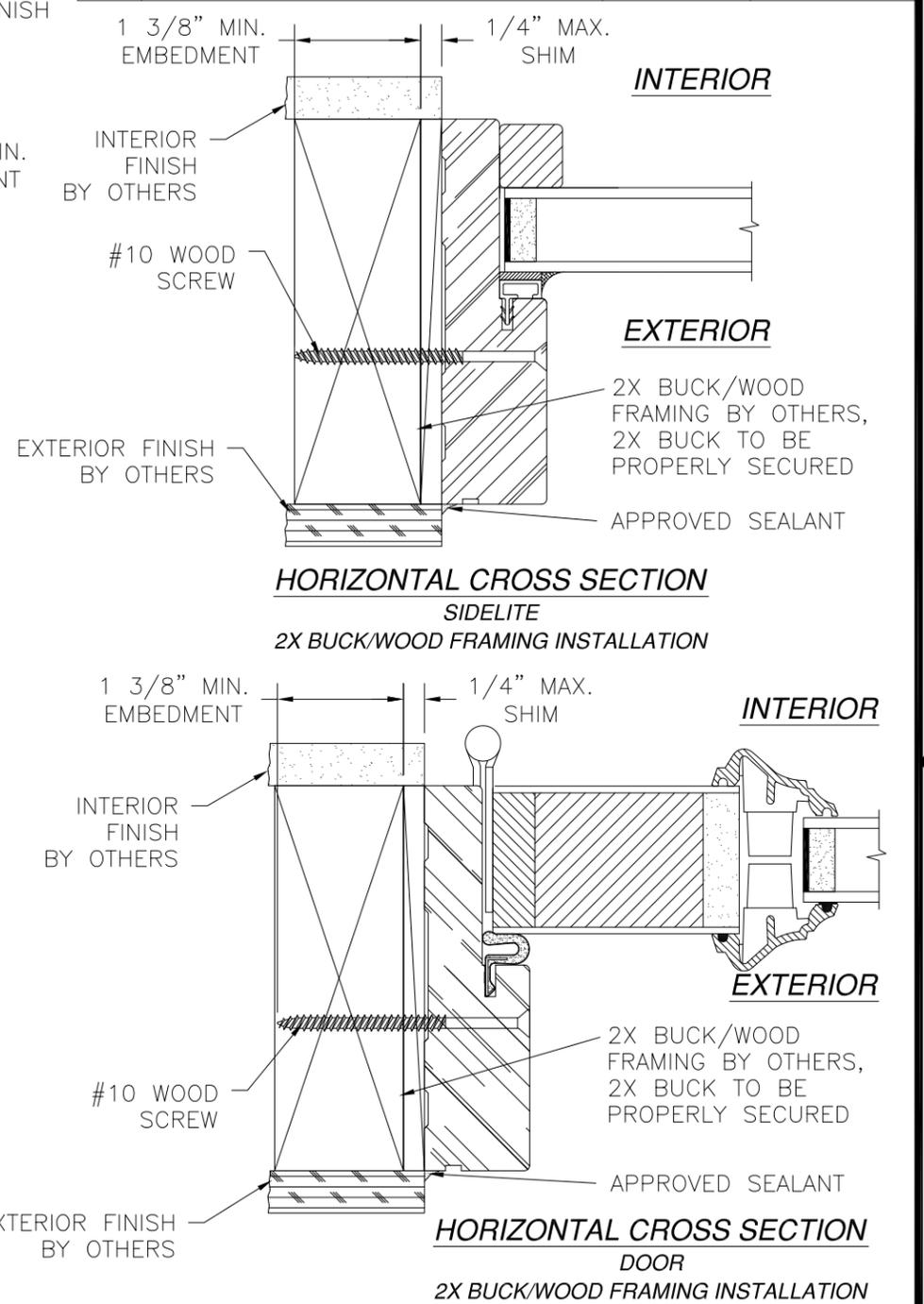
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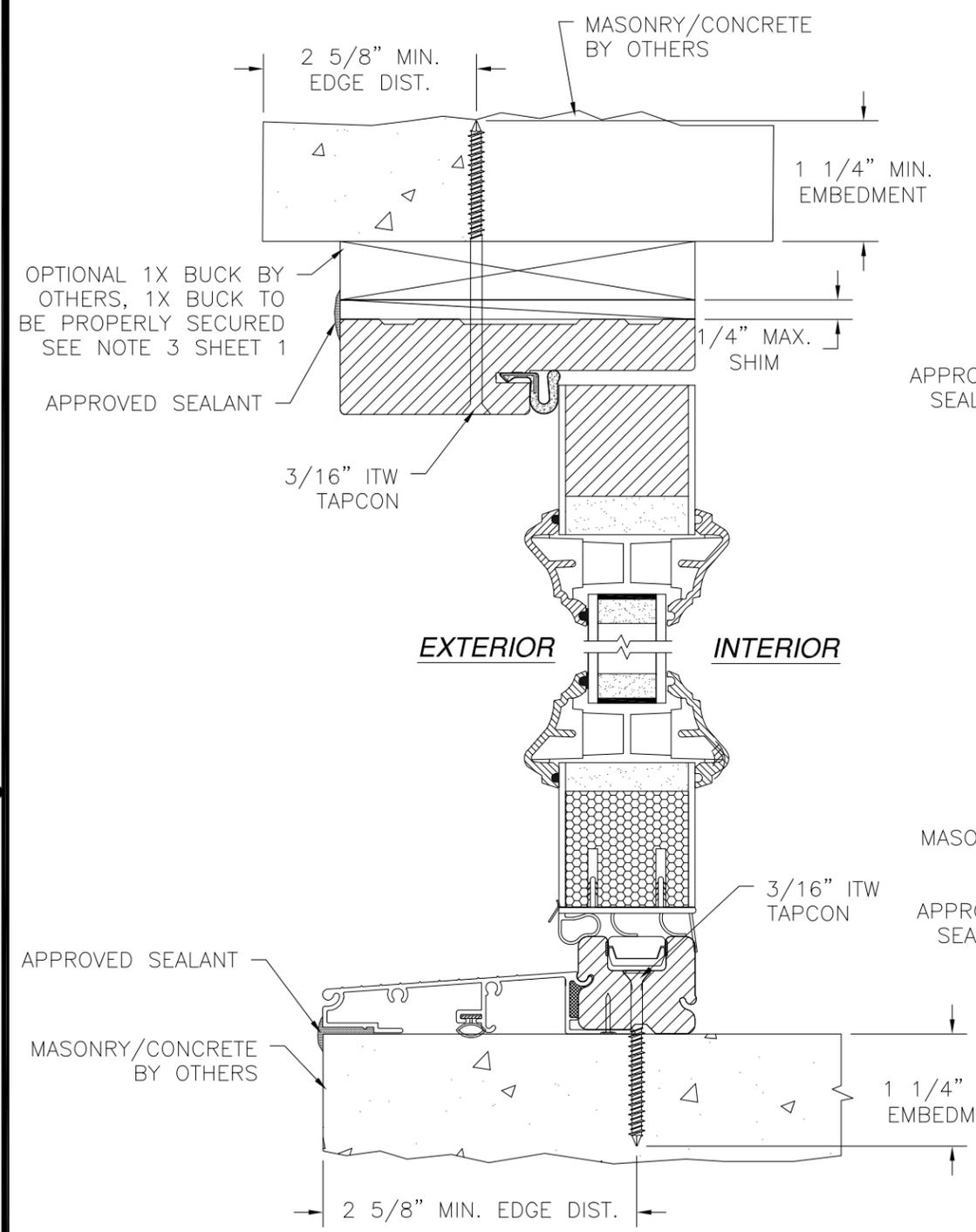
SIGNET IS 8'0 GLAZED FIBERGLASS DOOR
W/ AND W/OUT DIRECTSET SIDELITES
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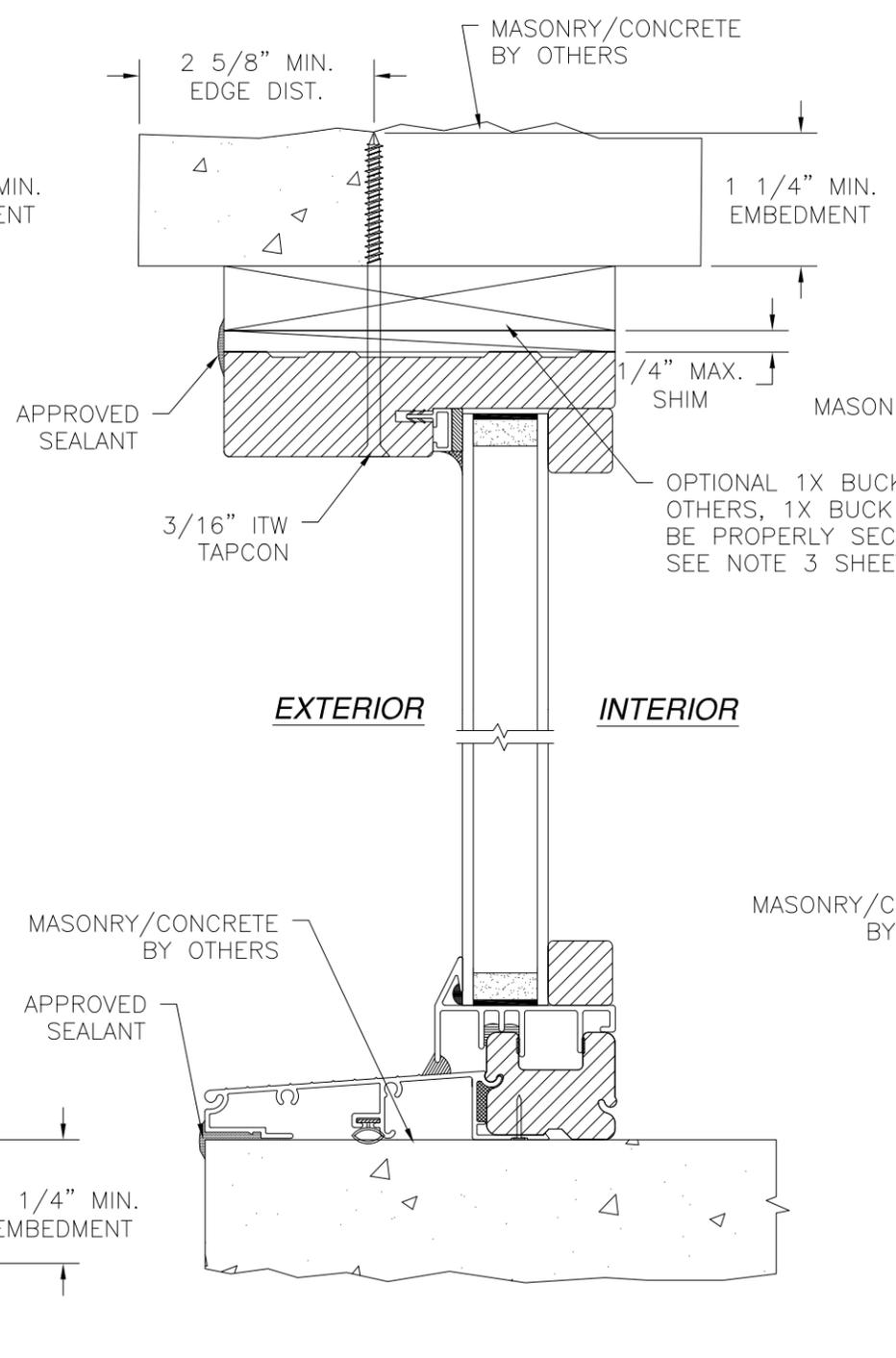
SCALE NTS DATE 12/17/10 SHEET 4 OF 5

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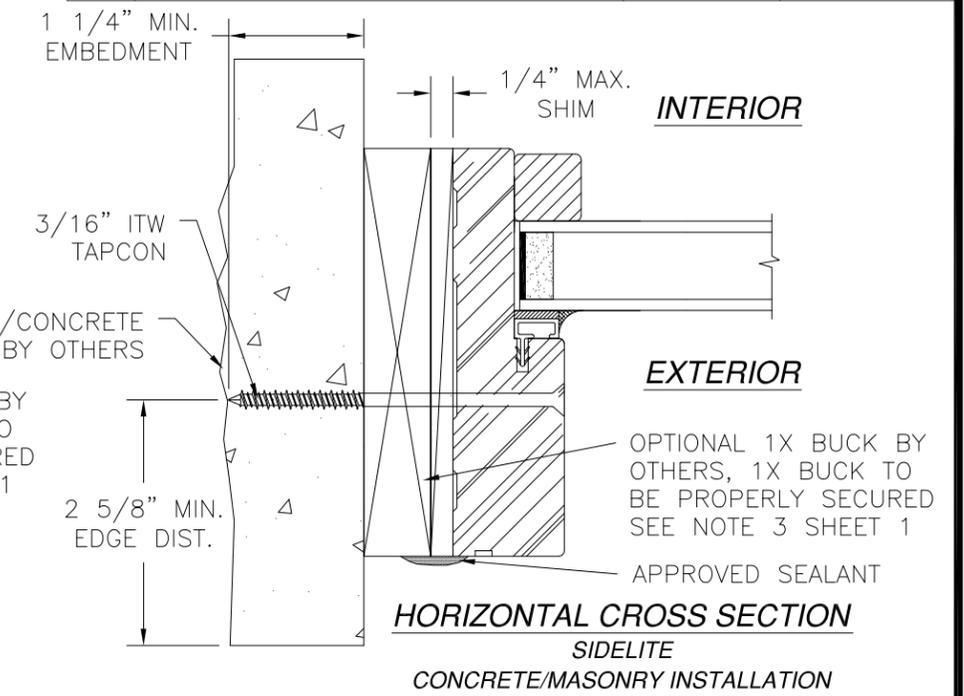
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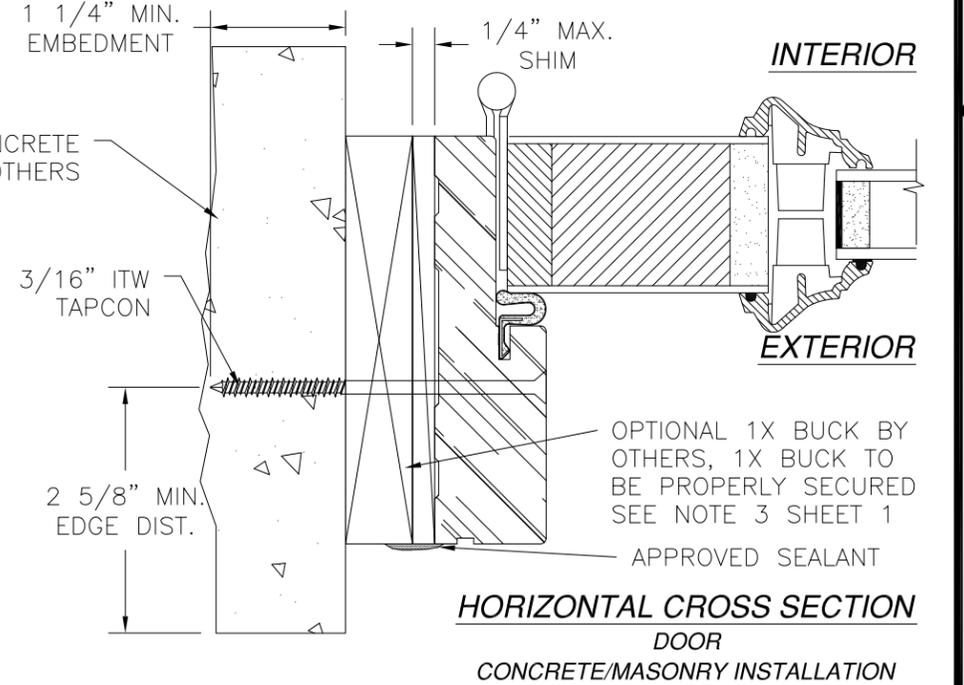
**VERTICAL CROSS SECTION
DOOR
MASONRY/CONCRETE INSTALLATION**



**VERTICAL CROSS SECTION
SIDELITE
MASONRY/CONCRETE INSTALLATION**



**HORIZONTAL CROSS SECTION
SIDELITE
CONCRETE/MASONRY INSTALLATION**



**HORIZONTAL CROSS SECTION
DOOR
CONCRETE/MASONRY INSTALLATION**

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