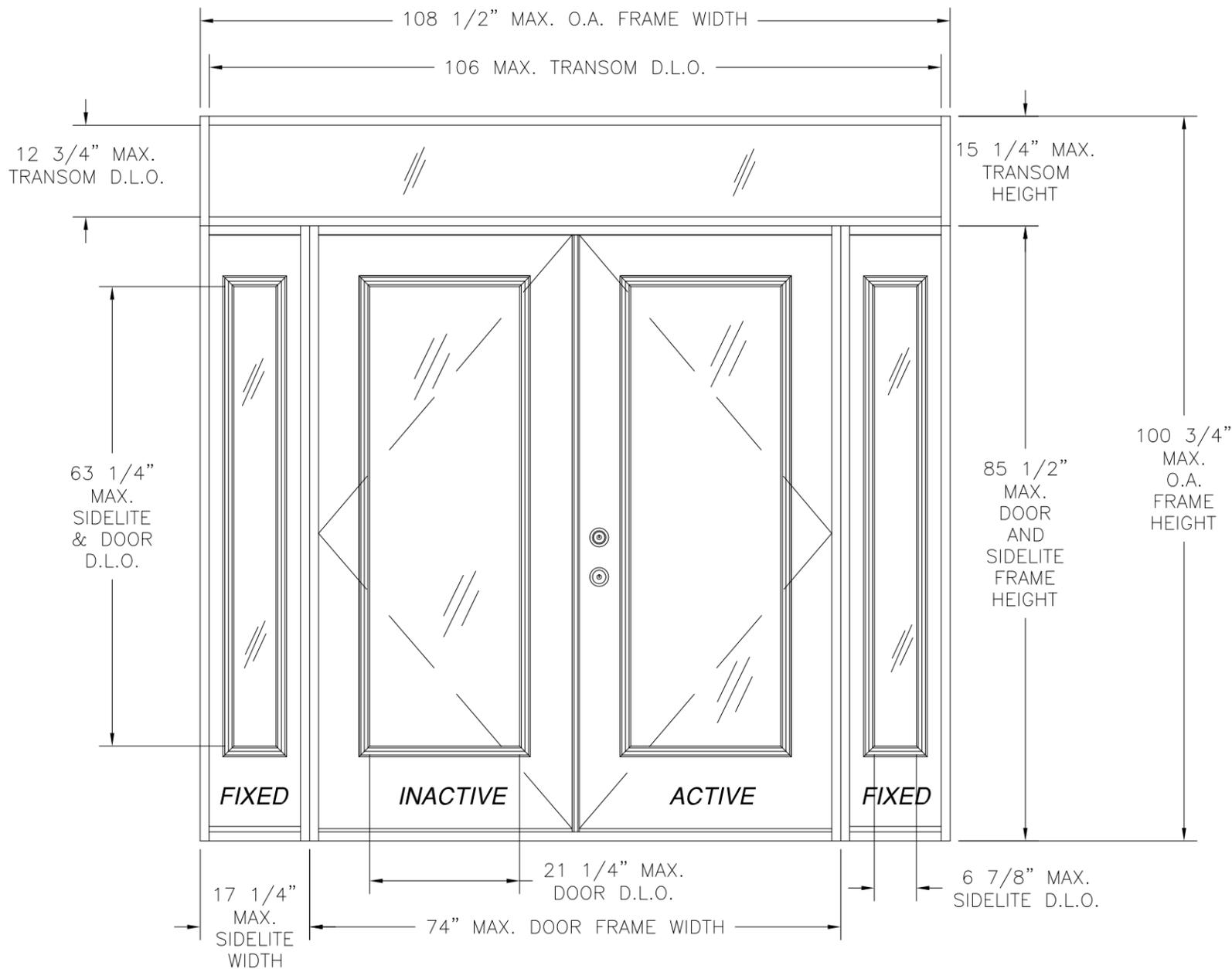


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REMOVED OS CONFIGURATION	06/04/12	R.L.



SIGNET FIBERGLASS DOUBLE DOOR W/SIDELITES AND TRANSOM
EXTERIOR VIEW

NOTES:

- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE 2006 INTERNATIONAL BUILDING CODE AND 2006 INTERNATIONAL RESIDENTIAL CODE WITH TEXAS STATE MODIFICATIONS.
- 2) WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. WOOD 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) APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- 5) UNITS MUST BE GLAZED PER ASTM E1300.
- 6) ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR $C_d=1.6$ WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 7) 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".
- 8) FOR ANCHORING INTO 2X BUCK OR WOOD FRAMING USE #10 WOOD SCREW OF SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ANCHORING LAYOUT AND INSTALLATION DETAILS.
- 9) FOR ANCHORING INTO MASONRY/CONCRETE USE 3/16" TAPCON OF SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ANCHORING LAYOUT AND INSTALLATION DETAILS.
- 10) ALL FASTENERS TO BE CORROSION RESISTANT.
- 11) INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIAL WITH THE FOLLOWING PROPERTIES:
A. WOOD - $G=0.42$ MINIMUM SPECIFIC GRAVITY
B. CONCRETE - 2,000PSI MINIMUM COMPRESSIVE STRENGTH.
C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
FRAME MATERIAL: WOOD WITH $G .46$ MINIMUM SPECIFIC GRAVITY.
- 12) DOOR PANEL MATERIAL: .080" THICK FIBERGLASS WITH WOOD TOP RAIL AND COMPOSITE BOTTOM RAIL.
- 13) SIDELITE SASH MATERIAL: .080" FIBERGLASS WITH WOOD TOP AND BOTTOM RAILS.
- 14) MAXIMUM DOOR PANEL SIZE = 35 3/4" x 83".
- 15) MAXIMUM SIDELITE SASH SIZE = 13 7/8" x 83".
- 16) 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.

DESIGN PRESSURE RATING	IMPACT RATING
±55PSF	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	ELEVATION AND NOTES
2	ADDITIONAL CONFIGURATIONS
3 - 5	ANCHORING LAYOUTS
6 - 8	INSTALLATION AND GLAZING DETAILS

PROVIA DOOR, INC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

SIGNET INSWING GLAZED FIBERGLASS DOOR
W/ AND W/OUT SIDELITES AND TRANSOM
ELEVATION AND NOTES

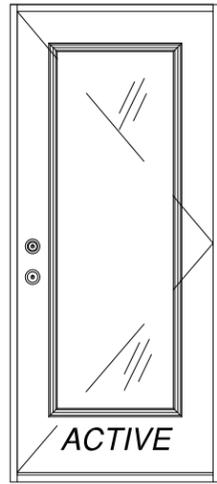
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SCALE NTS	DATE 12/15/10	SHEET 1 OF 8

SIGNED: 06/06/2012

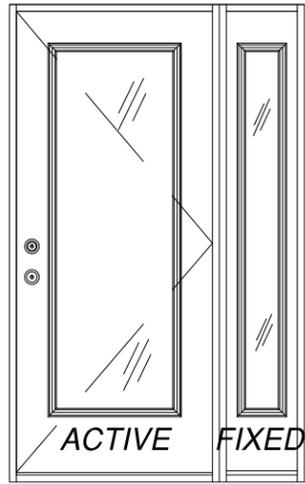


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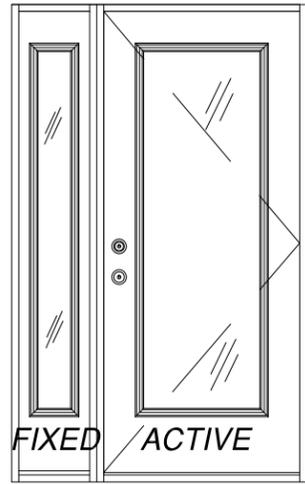
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REV	DESCRIPTION	DATE	APPROVED
A	REMOVED OS CONFIGURATION	06/04/12	R.L.



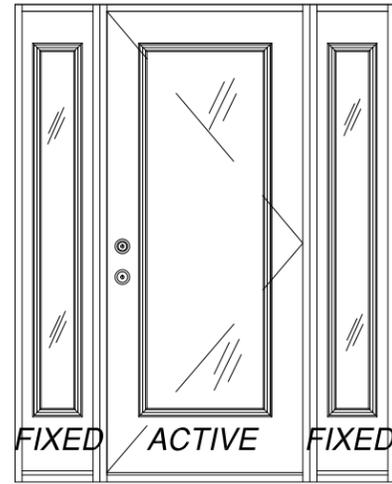
SINGLE
EXTERIOR VIEW



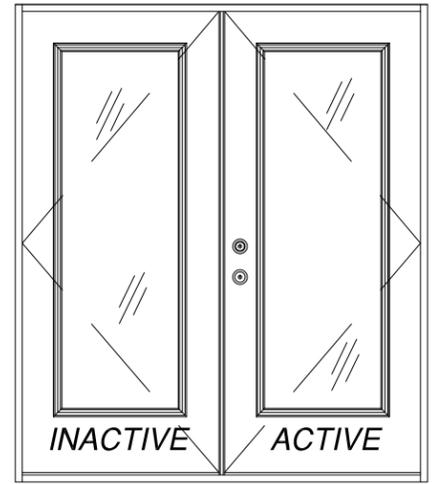
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EXTERIOR VIEW



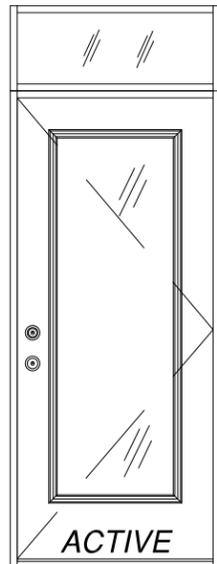
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SINGLE W/SIDELITES
EXTERIOR VIEW



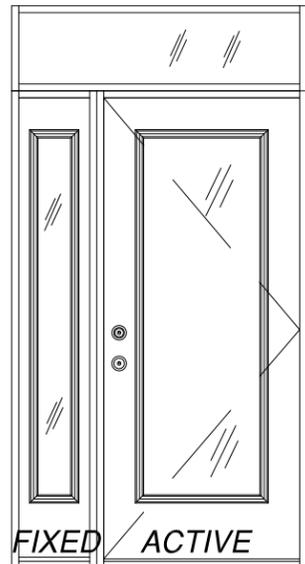
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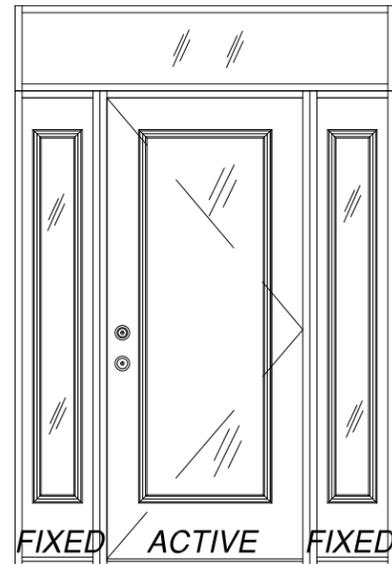
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EXTERIOR VIEW



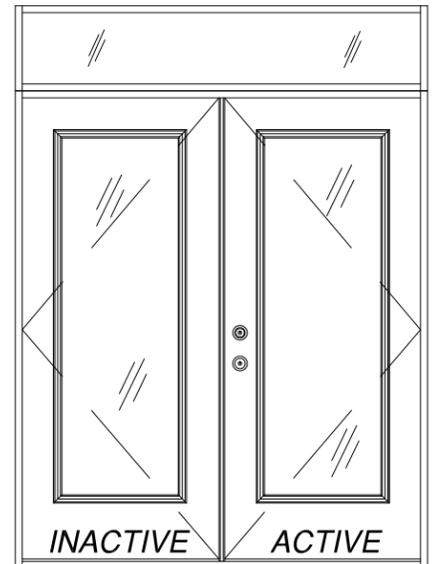
SINGLE W/SIDELITE & TRANSOM
EXTERIOR VIEW



SINGLE W/SIDELITE & TRANSOM
EXTERIOR VIEW



SINGLE W/SIDELITES & TRANSOM
EXTERIOR VIEW



DOUBLE W/TRANSOM
EXTERIOR VIEW

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

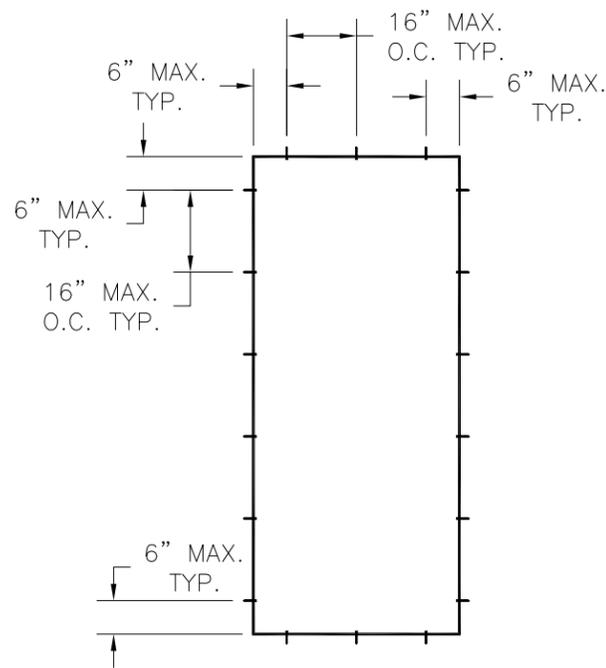
PROVIA DOOR, INC.
2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

SIGNET INSWING GLAZED FIBERGLASS DOOR
W/ AND W/OUT SIDELITES AND TRANSOM
ADDITIONAL CONFIGURATIONS

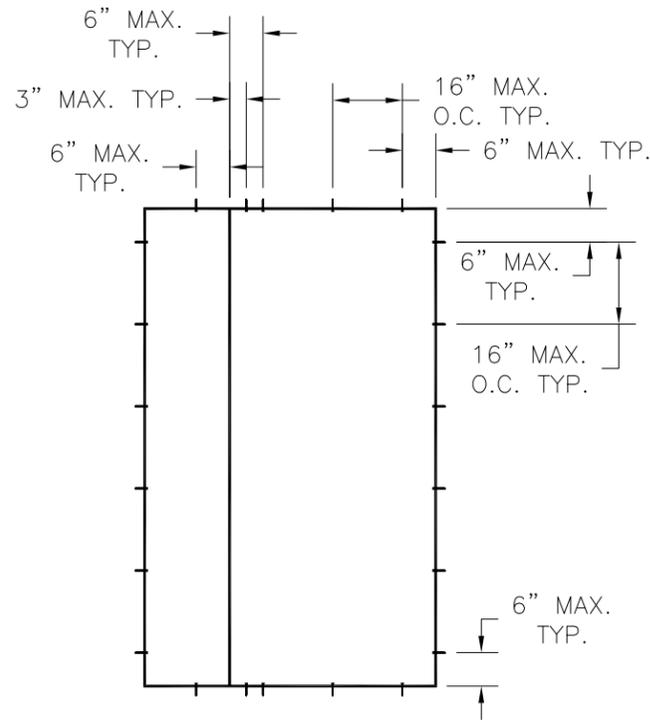
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SCALE NTS	DATE 12/15/10	SHEET 2 OF 8

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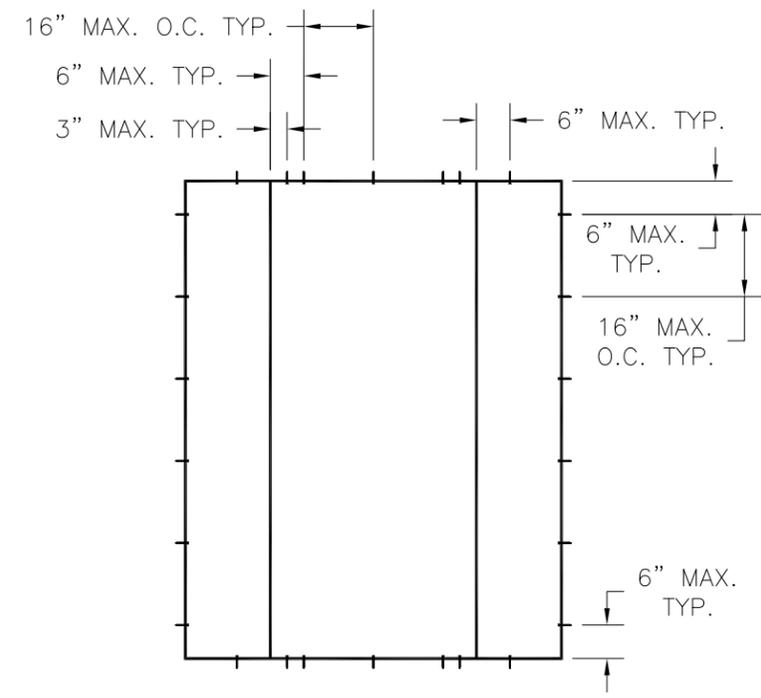
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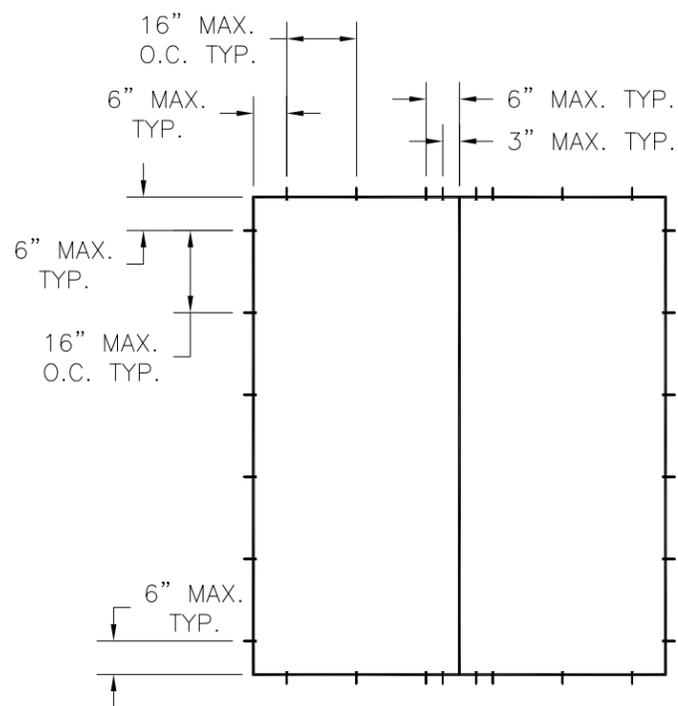
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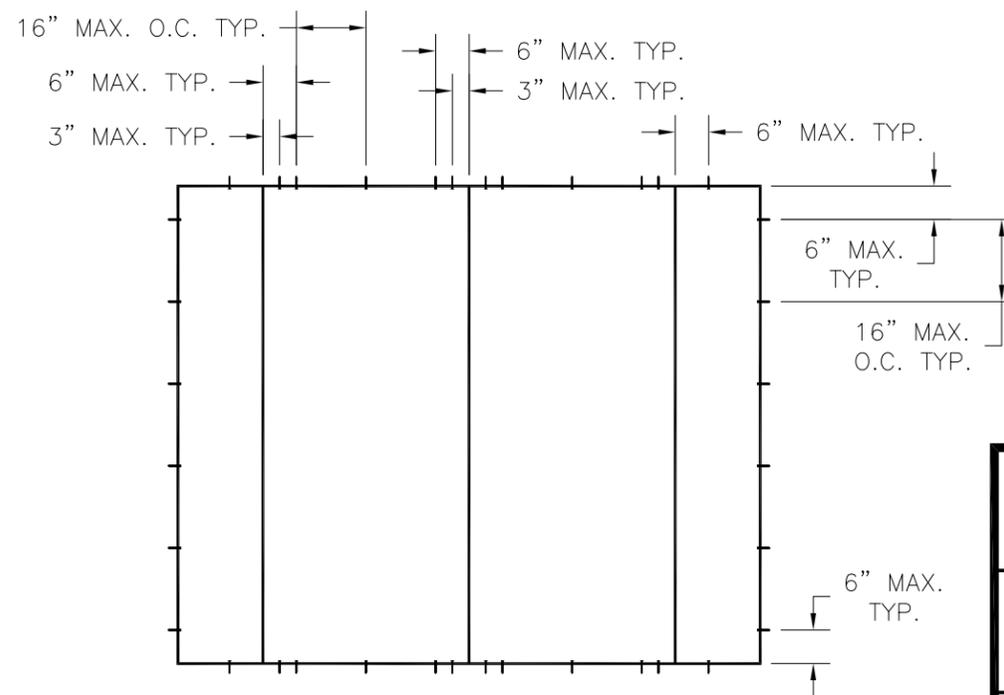
SINGLE W/SIDELITE



SINGLE W/SIDELITES



DOUBLE



DOUBLE W/SIDELITES

PROVIA DOOR, INC.
2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

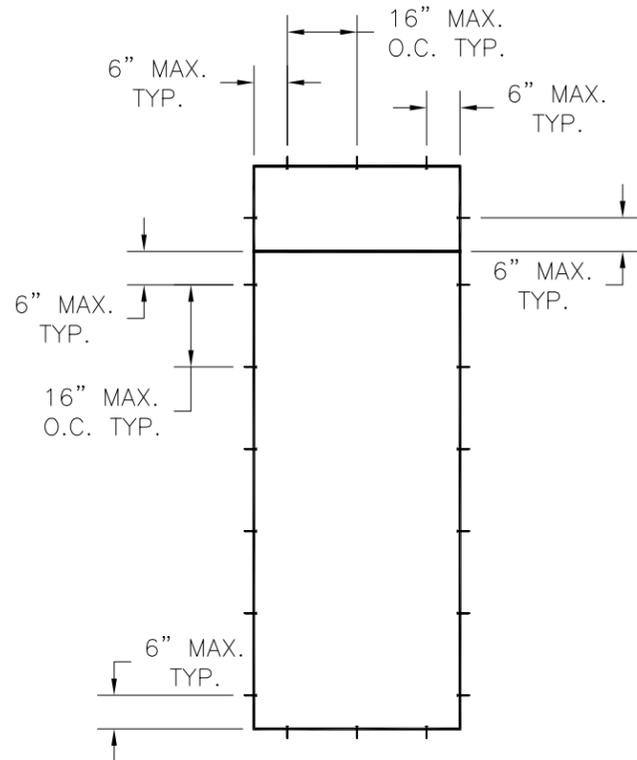
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W/ AND W/OUT SIDELITES AND TRANSOM
ANCHORING LAYOUTS WITHOUT TRANSOMS

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SCALE NTS	DATE 12/15/10	SHEET 3 OF 8

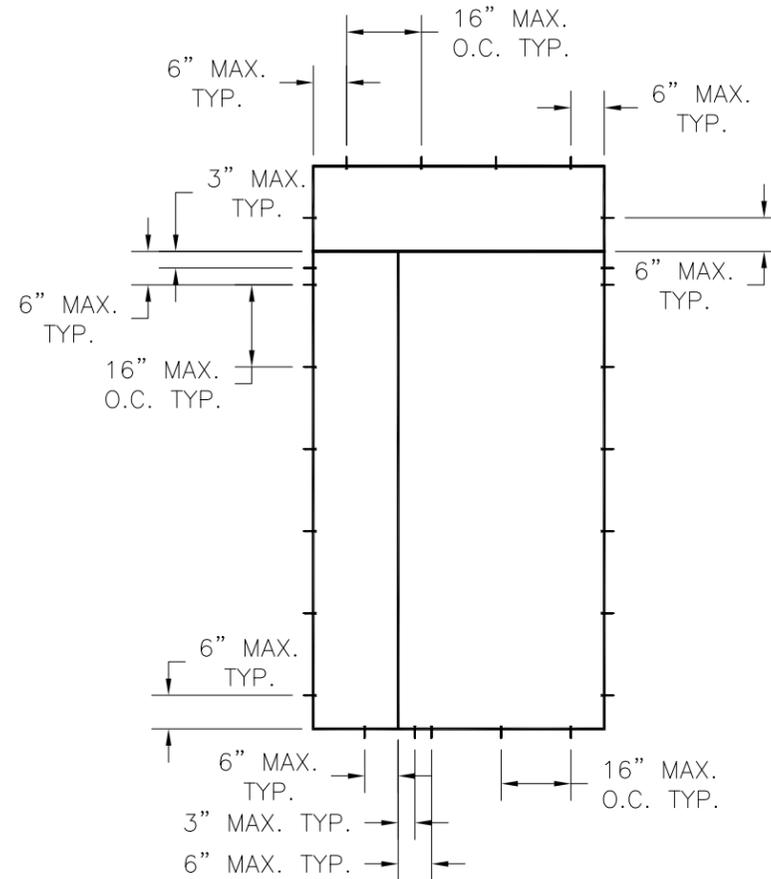


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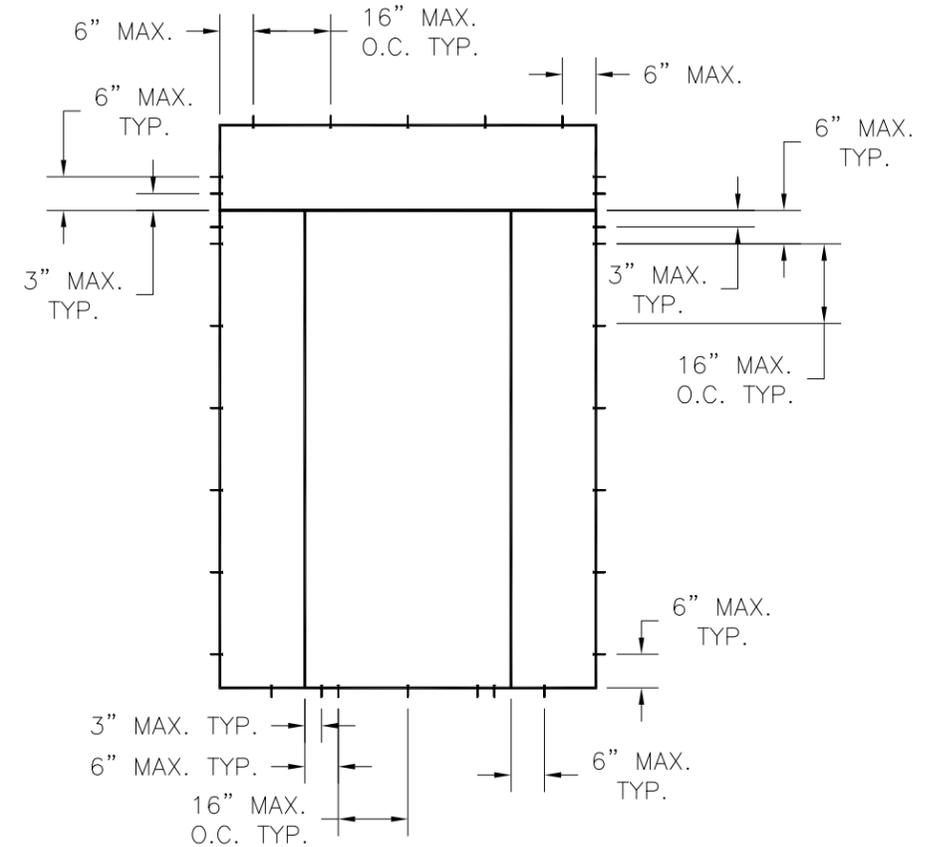
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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SINGLE W/TRANSOM



SINGLE W/SIDELITE & TRANSOM



SINGLE W/SIDELITES & TRANSOM

PROVIA DOOR, INC.
2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

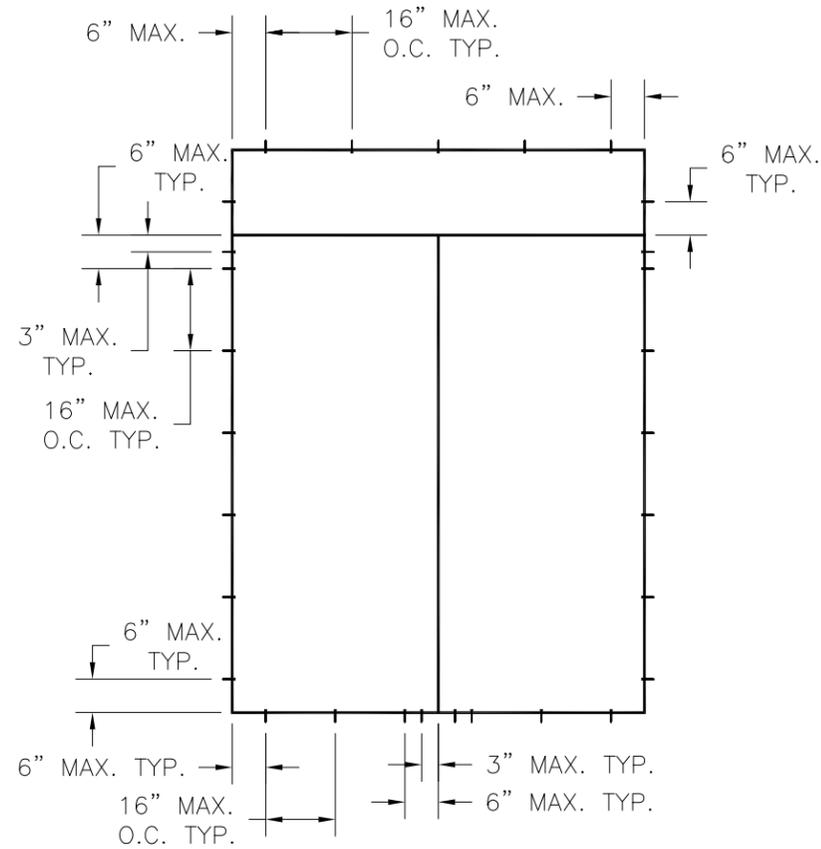
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W/ AND W/OUT SIDELITES AND TRANSOM
ANCHORING LAYOUTS WITH TRANSOMS

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SCALE NTS	DATE 12/15/10	SHEET 4 OF 8

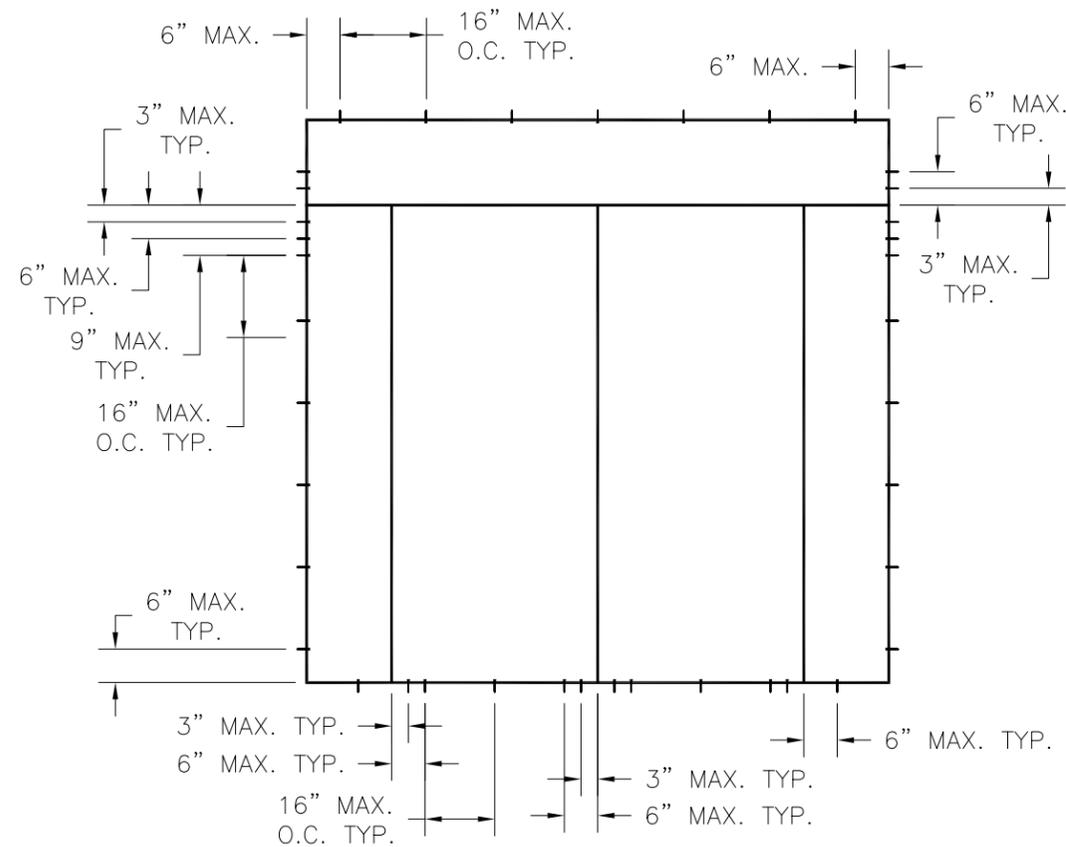


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DOUBLE W/TRANSOM



DOUBLE W/SIDELITES & TRANSOM

PROVIA DOOR, INC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

SIGNET INSWING GLAZED FIBERGLASS DOOR
W/ AND W/OUT SIDELITES AND TRANSOM
ANCHORING LAYOUTS WITH TRANSOMS

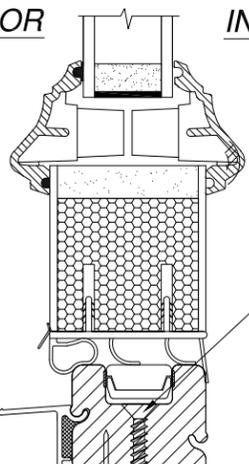
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Luis R. Lomas P.E.
Texas No. 101889

EXTERIOR INTERIOR



APPROVED SEALANT BY OTHERS

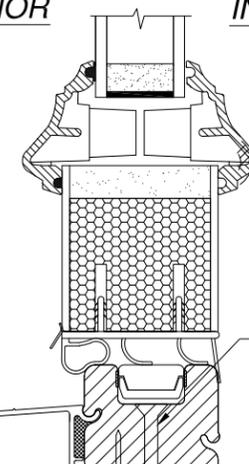
2X BUCK/WOOD FRAMING BY OTHERS, 2X BUCK TO BE PROPERLY SECURED

VERTICAL CROSS SECTION
2X BUCK/WOOD FRAMING INSTALLATION
DOOR SILL

1 3/8" MIN. EMBEDMENT

#10 WOOD SCREW

EXTERIOR INTERIOR



APPROVED SEALANT BY OTHERS

VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION
DOOR SILL

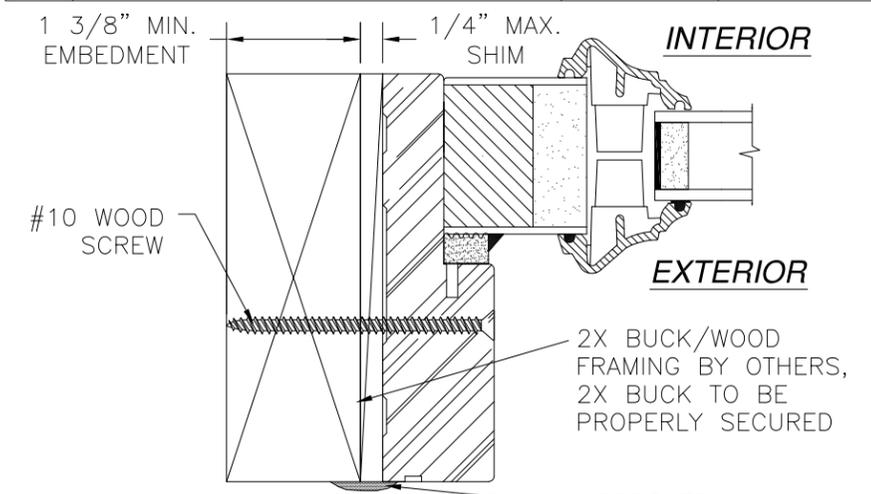
1 1/4" MIN. EMBEDMENT

3/16" TAPCON

2 1/2" MIN. EDGE DIST.

REVISIONS

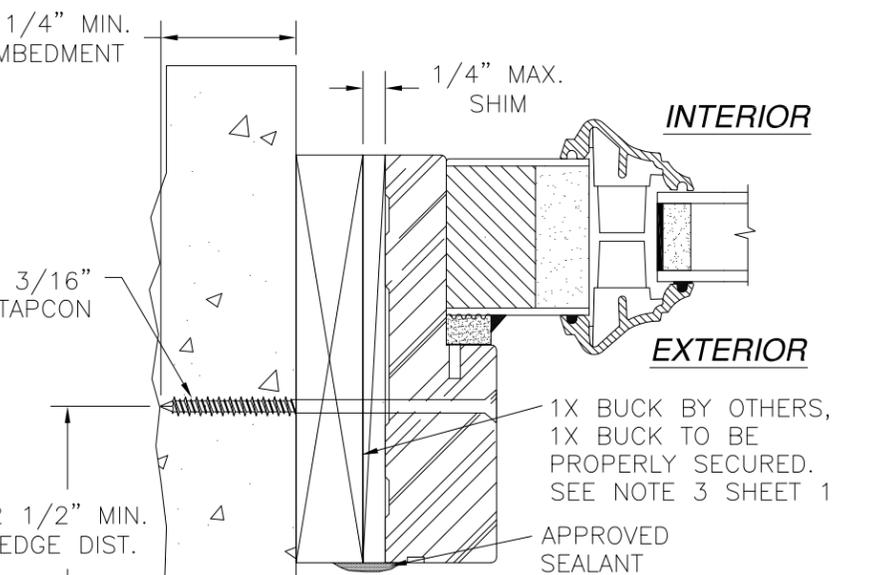
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HORIZONTAL CROSS SECTION
2X BUCK/WOOD FRAMING INSTALLATION
SIDELITE JAMB SHOWN HEAD SIMILAR

2X BUCK/WOOD FRAMING BY OTHERS, 2X BUCK TO BE PROPERLY SECURED

APPROVED SEALANT BY OTHERS



HORIZONTAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION
SIDELITE JAMB SHOWN HEAD SIMILAR

1X BUCK BY OTHERS, 1X BUCK TO BE PROPERLY SECURED. SEE NOTE 3 SHEET 1

APPROVED SEALANT BY OTHERS

#10 WOOD SCREW

APPROVED SEALANT BY OTHERS

2X BUCK/WOOD FRAMING BY OTHERS, 2X BUCK TO BE PROPERLY SECURED

VERTICAL CROSS SECTION
2X BUCK/WOOD FRAMING INSTALLATION
SIDELITE SILL

1 3/8" MIN. EMBEDMENT

3/16" TAPCON

APPROVED SEALANT BY OTHERS

2 1/2" MIN. EDGE DIST.

MASONRY/CONCRETE BY OTHERS

VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION
SIDELITE SILL

1 1/4" MIN. EMBEDMENT

PROVIA DOOR, INC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

SIGNET INSWING GLAZED FIBERGLASS DOOR
W/ AND W/OUT SIDELITES AND TRANSOM
INSTALLATION DETAILS

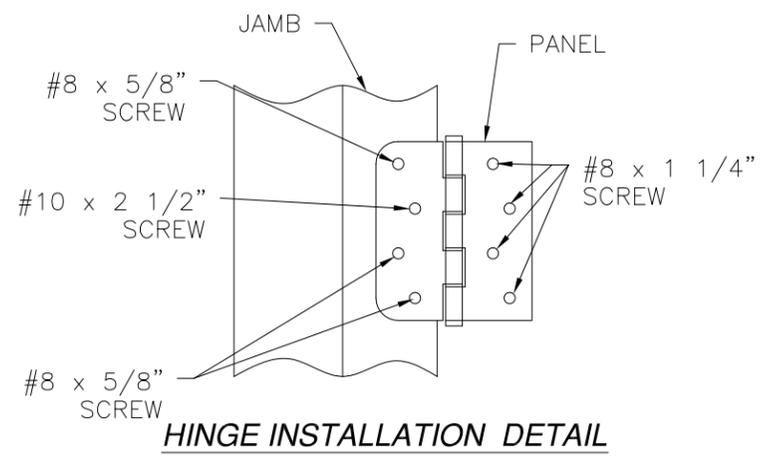
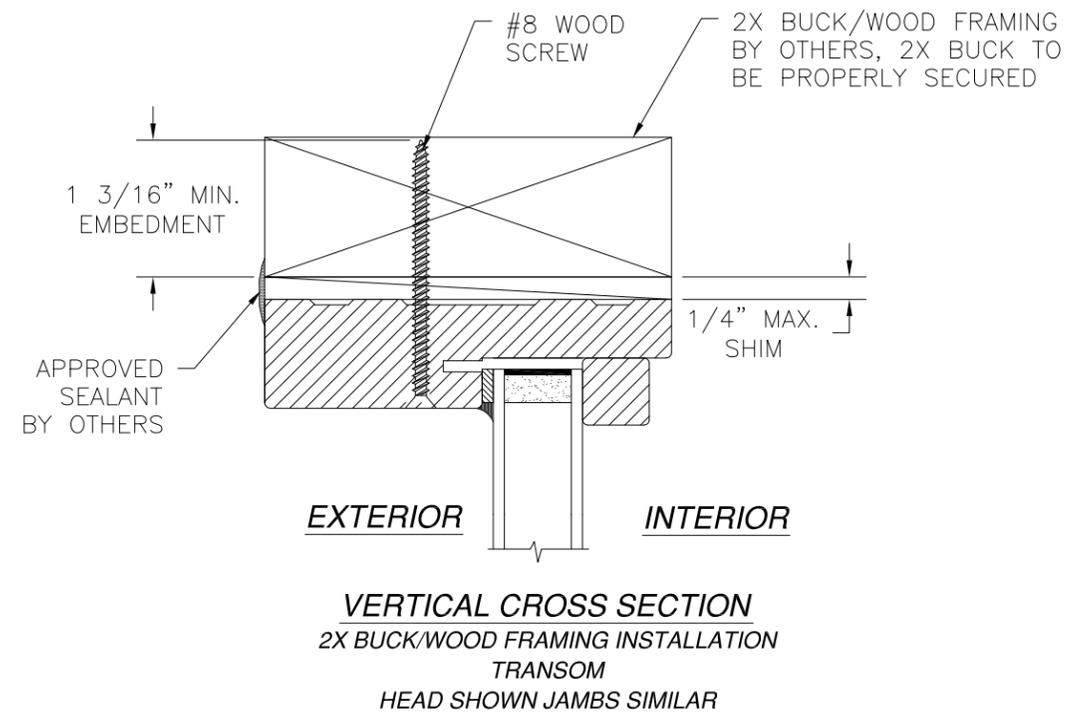
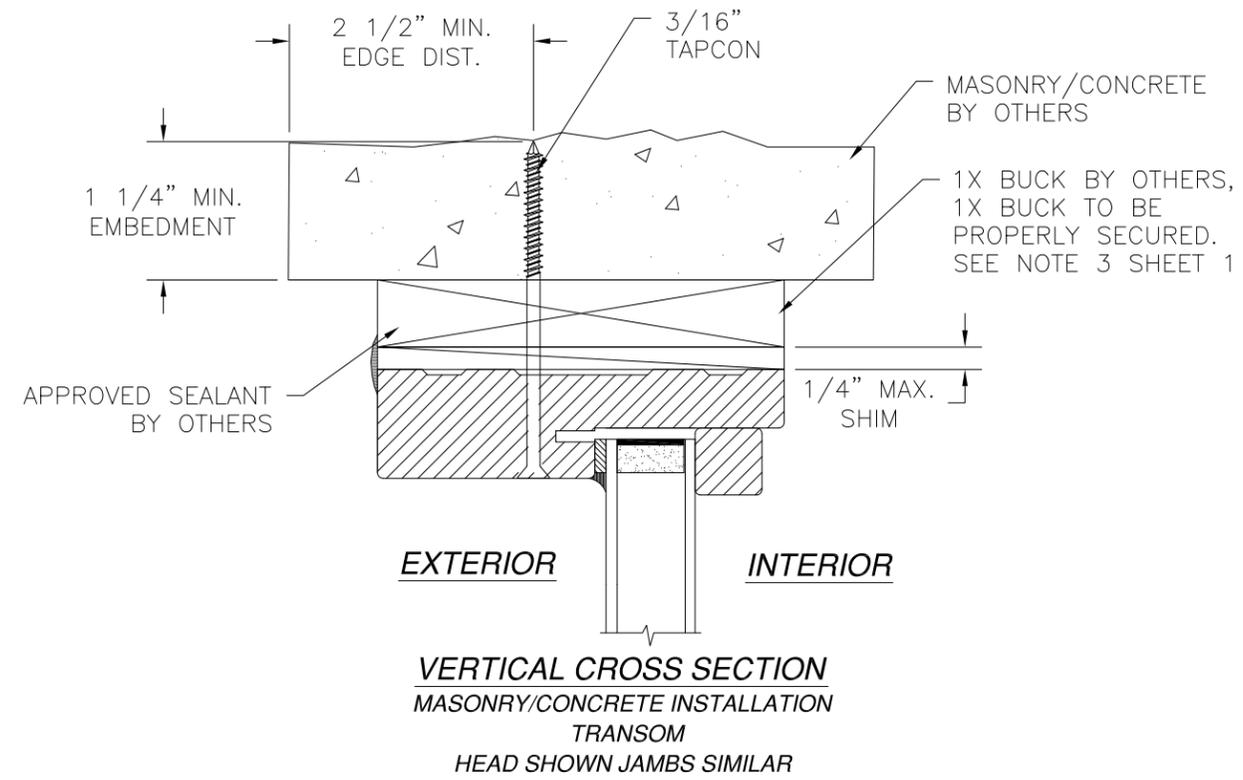
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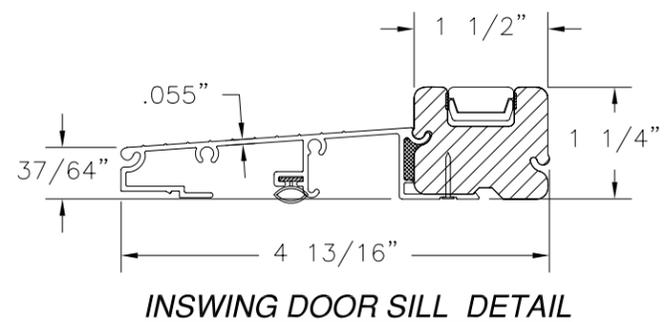
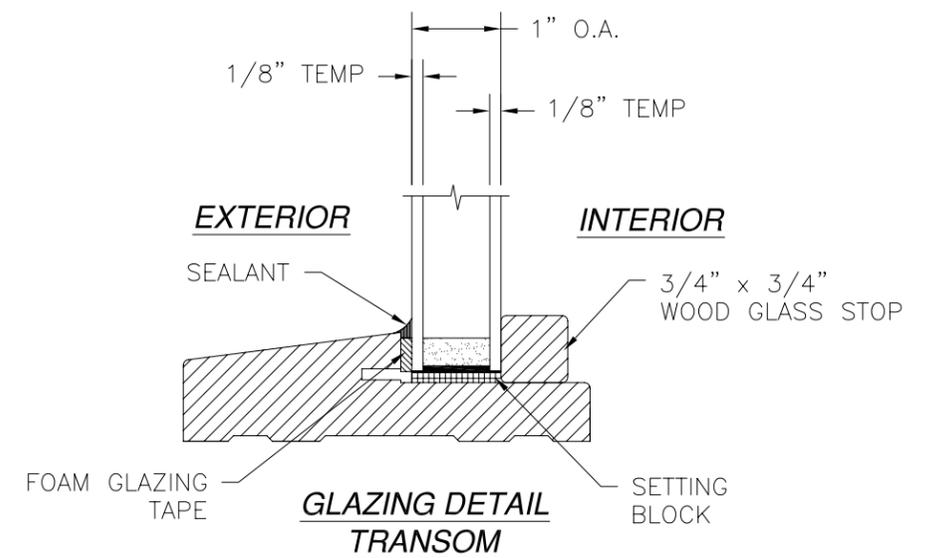
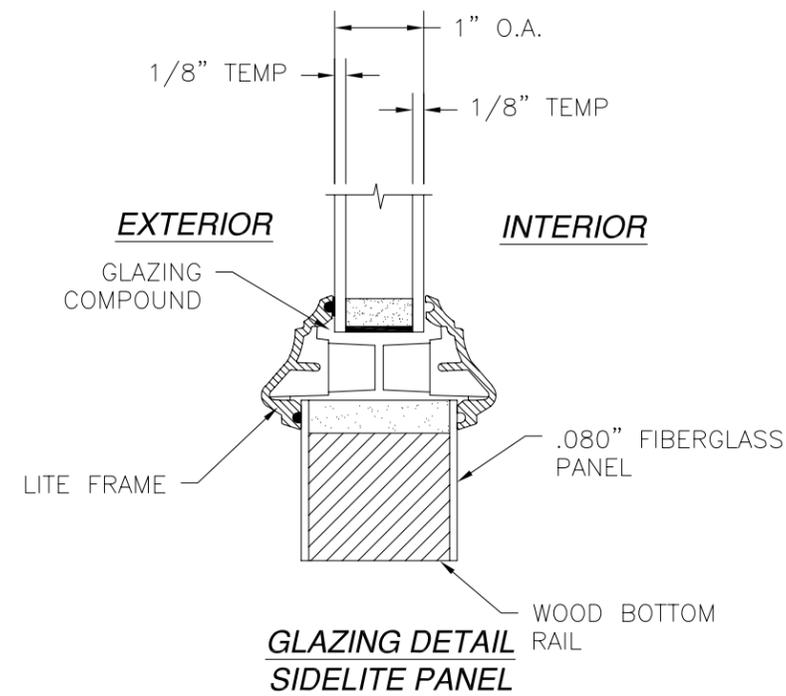
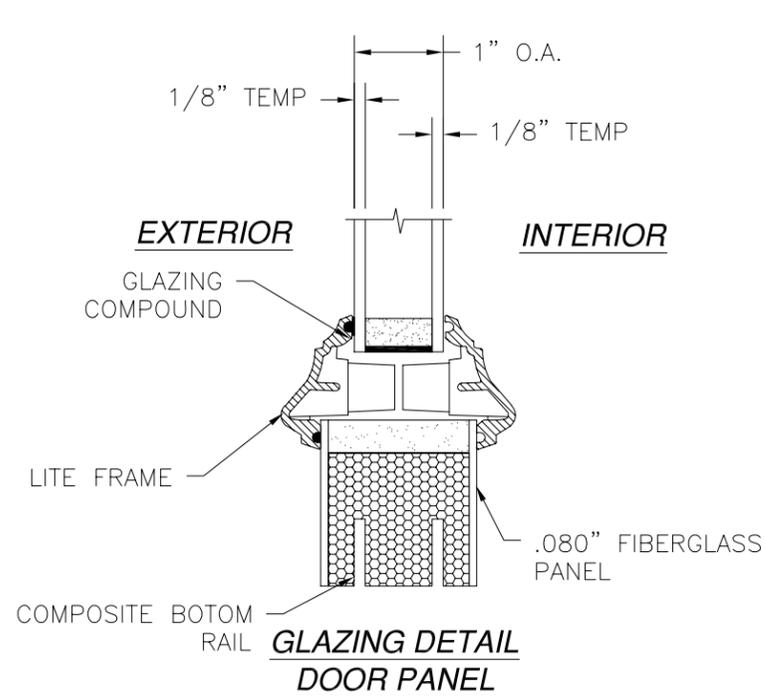
PROVIA DOOR, INC.
2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

SIGNET INSWING GLAZED FIBERGLASS DOOR
W/ AND W/OUT SIDELITES AND TRANSOM
INSTALLATION DETAILS

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A	REMOVED OS CONFIGURATION	06/04/12	R.L.



<i>HARDWARE SCHEDULE</i>	
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.	OUTSWING HURRICANE ASTRAGAL BY ENDURA.
H.	(3) 4" x 4" BALL BEARING HINGES BY BY PENROD.
I.	(3) 4" x 4" SPRING BOMMER HINGES BY PENROD. (ALTERNATE)

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SIGNET INSWING GLAZED FIBERGLASS DOOR
 W/ AND W/OUT SIDELITES AND TRANSOM
 GLAZING DETAILS AND HARDWARE

DRAWN: TJH	DWG NO. 08-01198	REV A
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