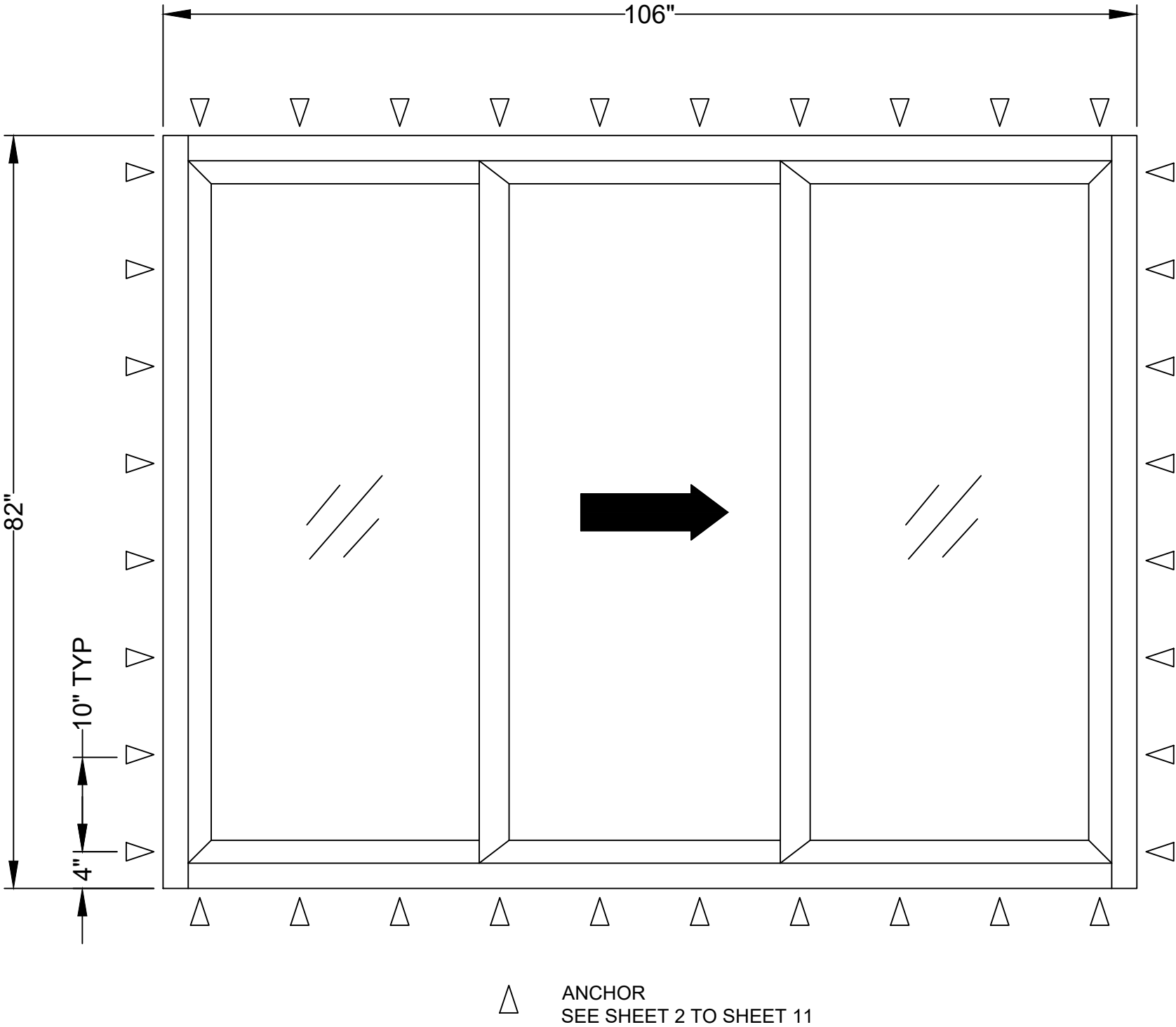


1615/1617 Sliding Door (OXO)
Maximum Size: 106" x 82"
Design Pressure: +45/-45 psf



- NOTES:
1. Installations depicted satisfy the requirements of the Florida Building Code, Building 8th Edition (2023) for design wind pressures and overall sizes noted.
 2. Wood bucks, wood framing, steel stud framing, concrete and concrete masonry are by others and shall be designed by the architect or engineer of record to resist the loads imparted to them.
 3. Wood buck strips and wood frames are assumed S-P-F (G=0.42) or denser. Buck width shall be greater than the frame width. Tapered or partial width buck strips are not allowed.
 4. Concrete masonry installations are assumed at least ASTM C90 normal weight hollow masonry units with a 1-1/4" wall thickness or normal weight concrete with a minimum compressive strength of $f'_c = 3,000$ psi.
 5. Metal stud frames are assumed to be a minimum 18 gauge 33 KSI steel.
 6. Wood screws shall be corrosion resistant and meet the requirements of ANSI/ASME B18.6.1
 7. Tapcon masonry anchors shall have a minimum embedment of 1-1/2" or full penetration of concrete masonry unit shell. They shall also have a minimum of 2" edge distance. Install concrete masonry anchors per manufacturer's installation instructions.
 8. TEKS screws shall be corrosion resistant and shall be ASTM A510 Grade 1018 or equivalent.
 9. Maximum permitted shim thickness is 1/4". Shims shall be non-compressible and load bearing type. Every through-frame fastener shall have a shim.
 10. Products are not impact resistant and require approved protection devices if used in wind-borne debris regions.
 11. Not for use in High Velocity Hurricane Zone (HVHZ).

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2023.12.12 07:30:14 -05'00'

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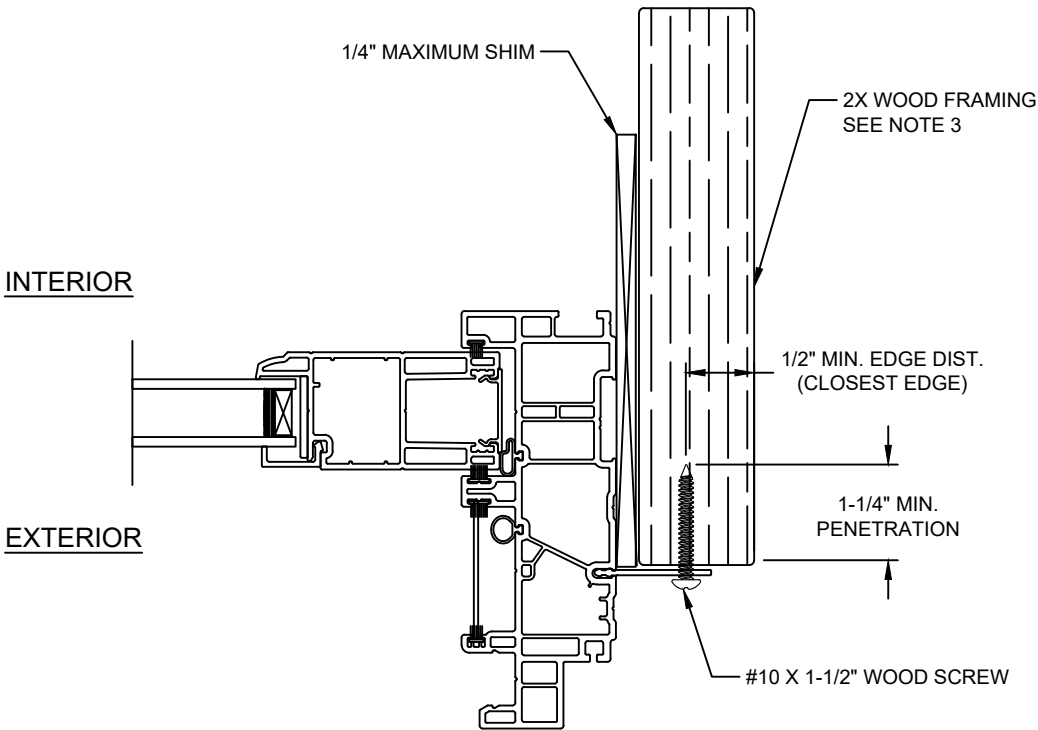
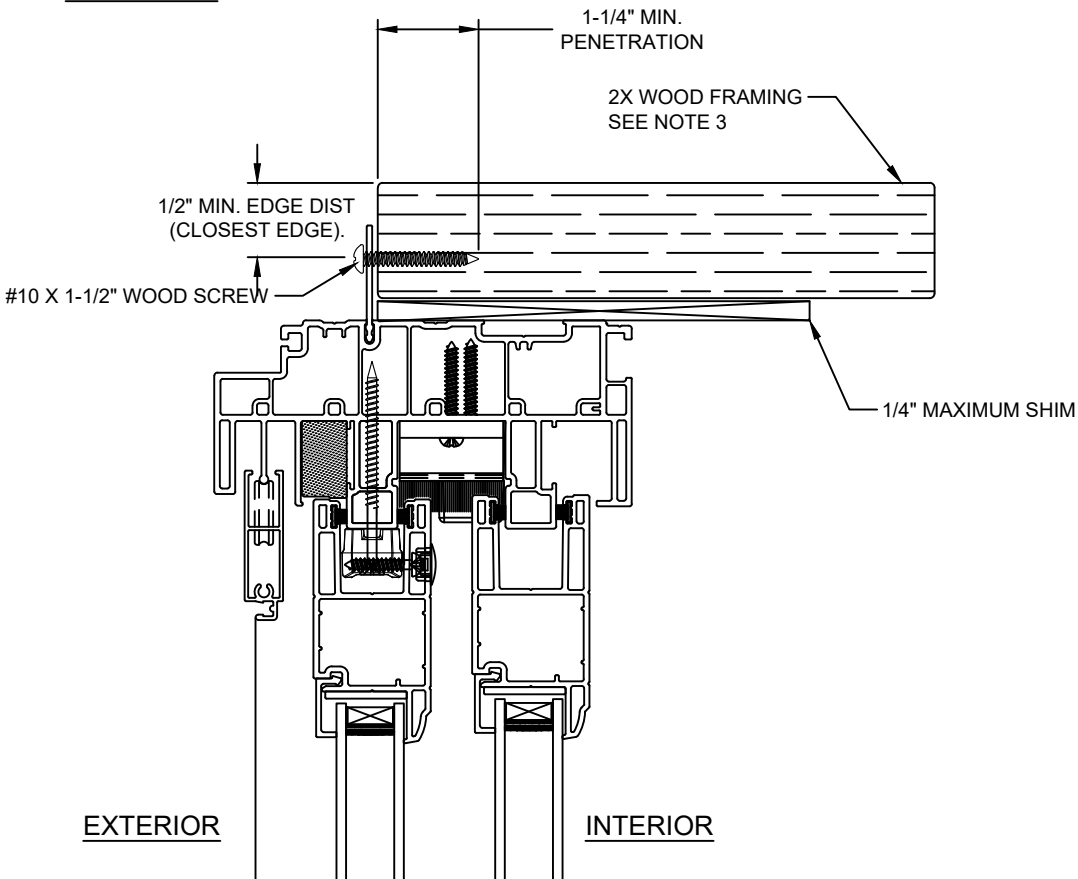
CONTENTS:

Sheet 1	Elevations and Notes
Sheet 2	Fin Install to Wood
Sheet 3	Fin Install to Steel Stud
Sheet 4	Frame Install to Wood
Sheet 5	Frame Install to Steel Stud
Sheets 6-7	Frame Install to Concrete or CMU
Sheet 8	Strap Install to Wood
Sheet 9	Strap Install to Steel Stud
Sheets 10-11	Strap Install to Concrete or CMU
Sheet 12	Accessories

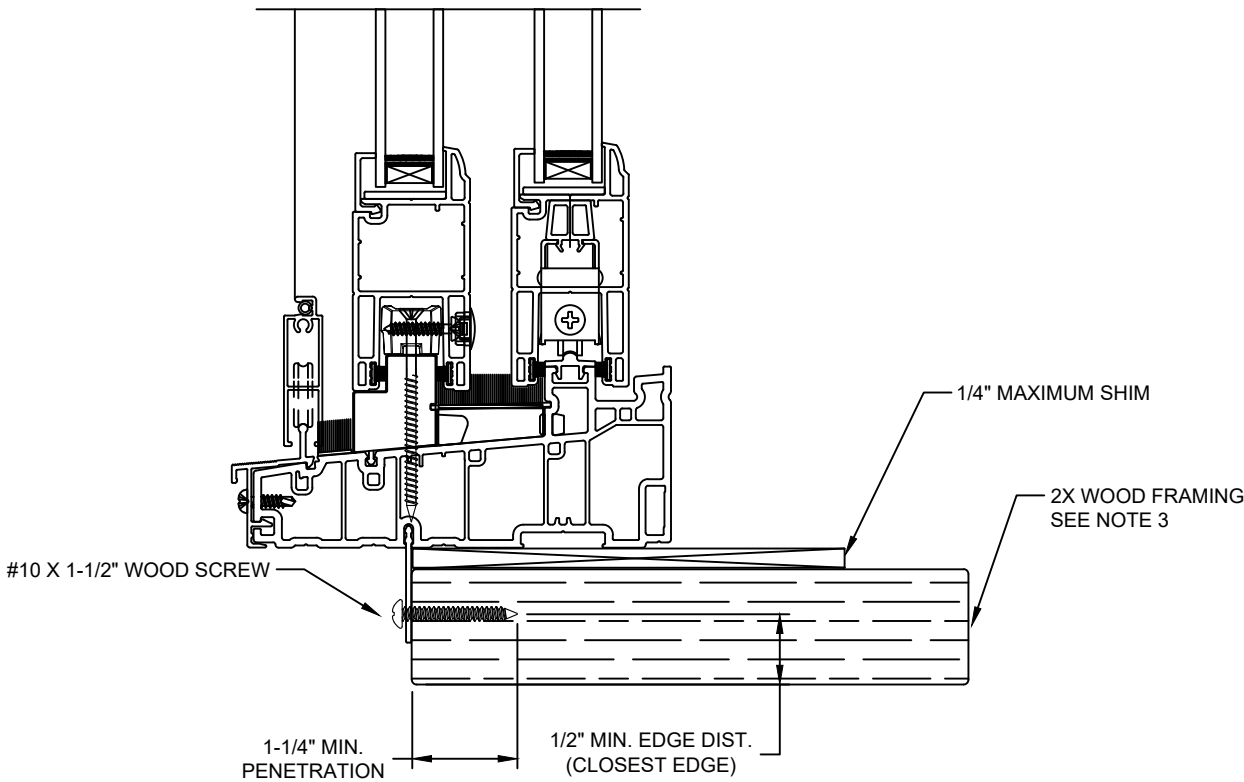
1615/1617 Sliding Door Elevations and Notes	
MI Windows and Doors 702 W. Market St. Gratz, PA 17030	
Drawing No.: 27488.10-1001 Project No.: 27488.10-107-16 Drawn By: MDS Rev: - Date: 12/12/23	
Scale: NTS	Sheet 1 of 12

Note:
Waterproofing and interior finishes by others. Not shown for clarity.

HEAD



JAMB



SILL

NOTE:
IF SILL INSTALLED FINLESS TO WOOD, SEE SHEETS 4 AND 8
IF SILL INSTALLED FINLESS TO STEEL STUD, SEE SHEETS 5 AND 9
IF SILL INSTALLED FINLESS TO CONCRETE, SEE SHEETS 6, 7, 10 AND 11

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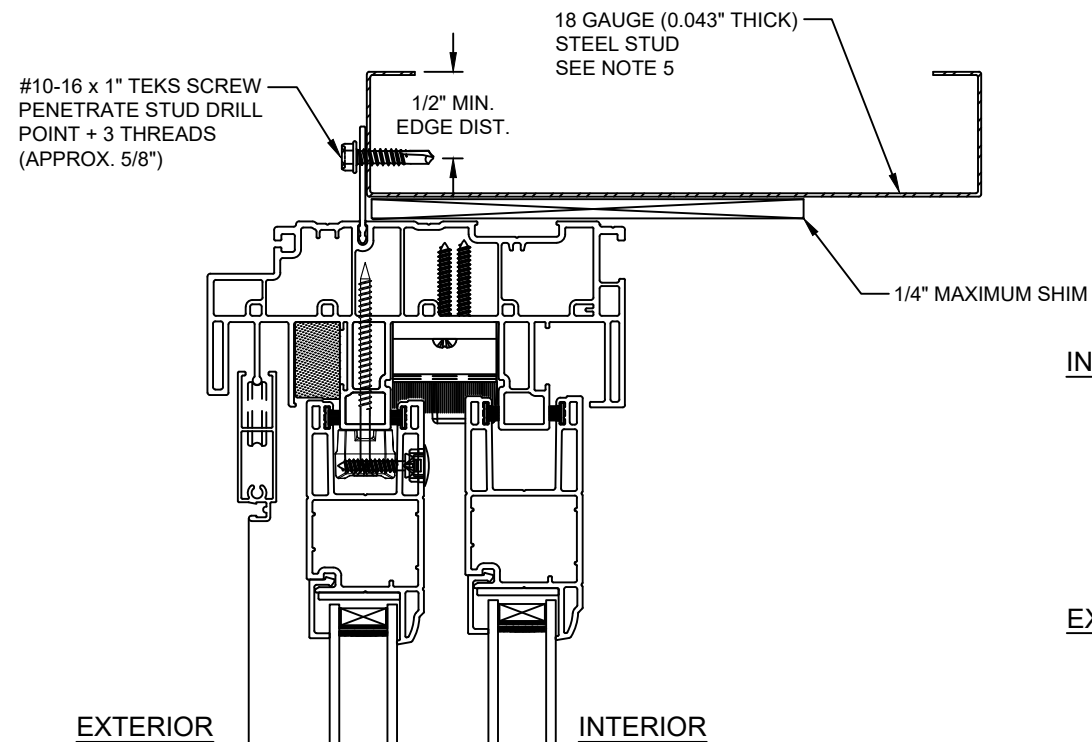
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1615/1617 Sliding Door Fin Install to Wood	
MI Windows and Doors 702 W. Market St. Gratz, PA 17030	
Drawing No.: 27488.10-1001 Project No.: 27488.10-107-16 Drawn By: MDS Rev: - Date: 12/12/23	
Scale: NTS	Sheet 2 of 12

HEAD



INTERIOR

EXTERIOR

INTERIOR

EXTERIOR

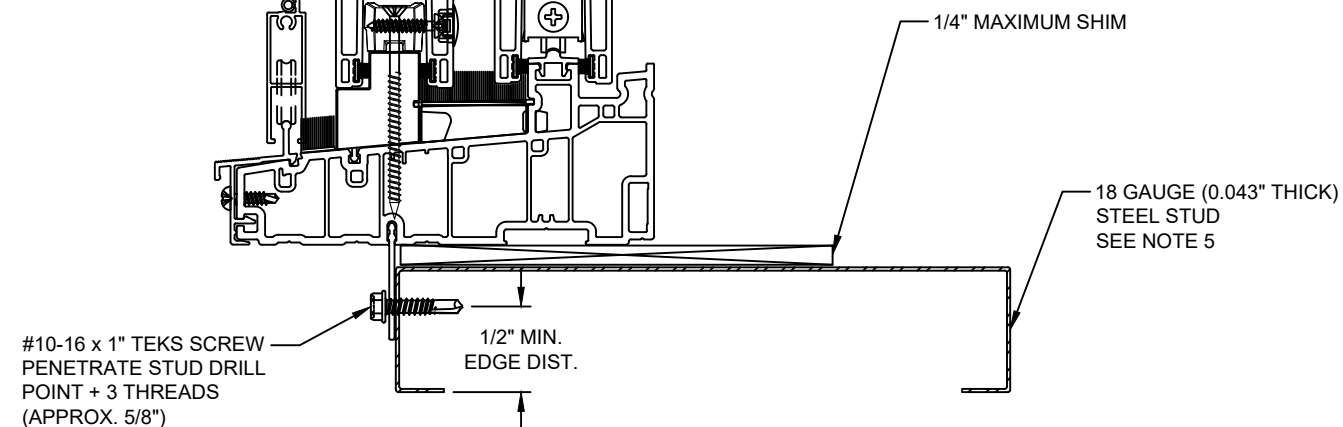
1/4" MAXIMUM SHIM

18 GAUGE (0.043" THICK)
STEEL STUD
SEE NOTE 5

1/2" MIN.
EDGE DIST.

#10-16 X 1" TEKS SCREW
PENETRATE STUD DRILL POINT
+ 3 THREADS (APPROX. 5/8")

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1/4" MAXIMUM SHIM

18 GAUGE (0.043" THICK)
STEEL STUD
SEE NOTE 5

1/2" MIN.
EDGE DIST.

#10-16 x 1" TEKS SCREW
PENETRATE STUD DRILL
POINT + 3 THREADS
(APPROX. 5/8")

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1615/1617 Sliding Door
Fin Install to Steel Stud

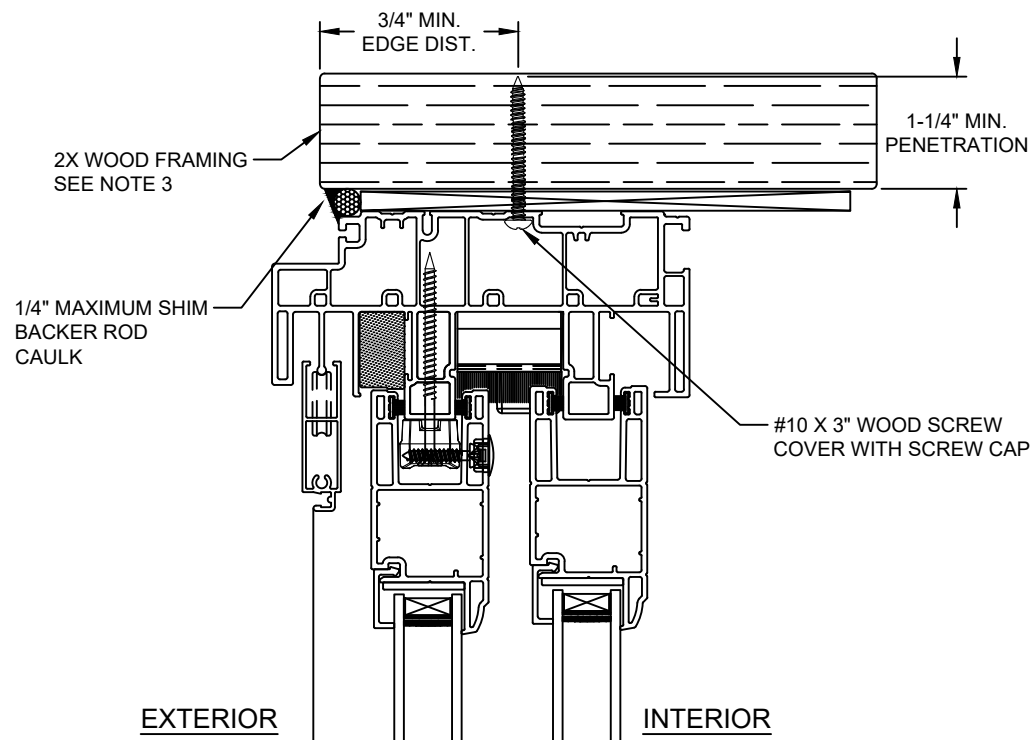
MI Windows and Doors
702 W. Market St.
Gratz, PA 17030

Drawing No.: 27488.10-1001
Project No.: 27488.10-107-16
Drawn By: MDS Rev: - Date: 12/12/23

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Sheet 3 of 12

HEAD



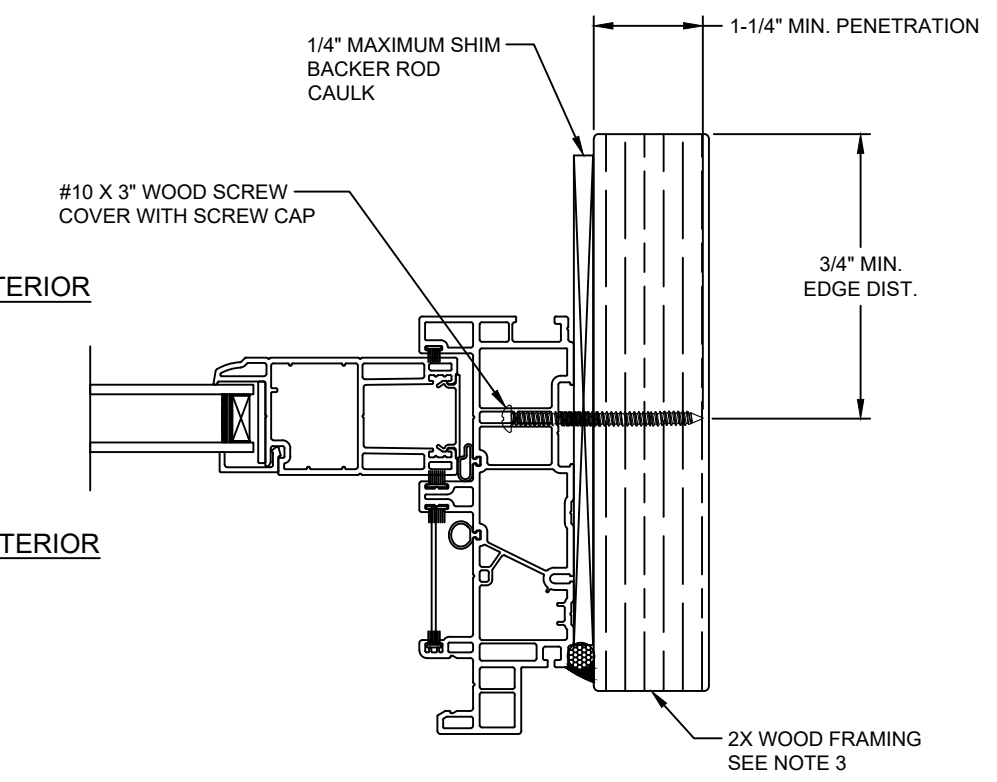
INTERIOR

EXTERIOR

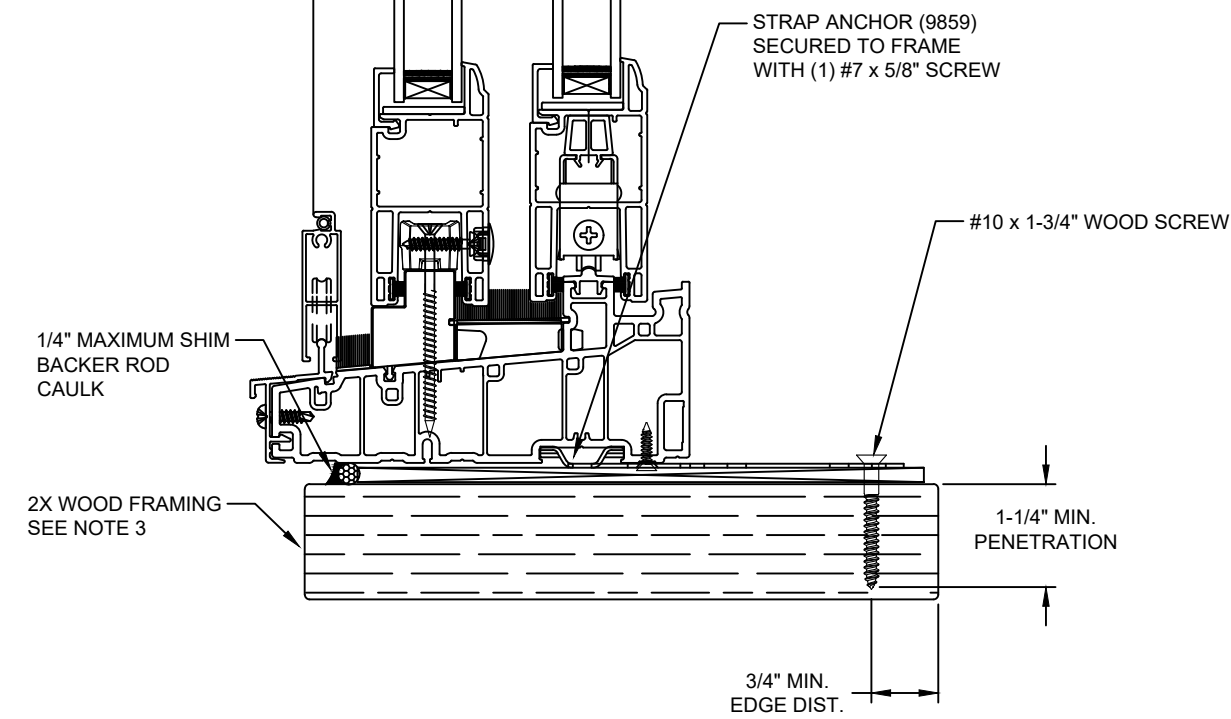
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EXTERIOR

INTERIOR

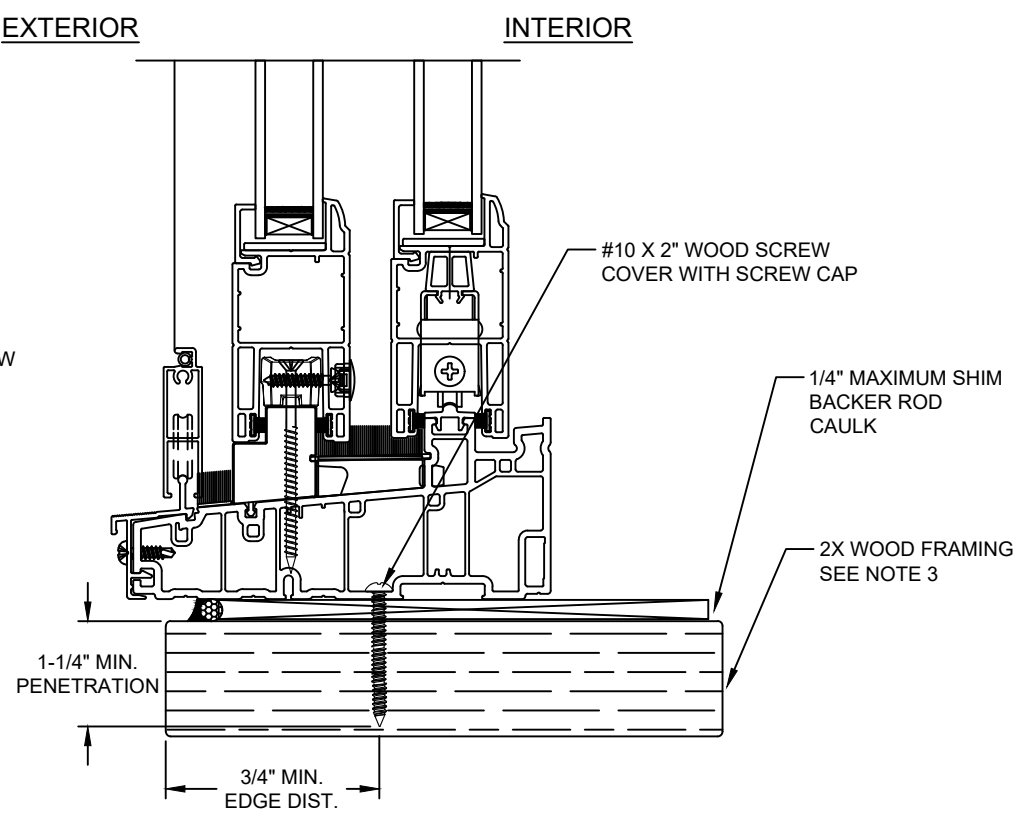


Note:
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SILL

NOTE:
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ALTERNATE SILL

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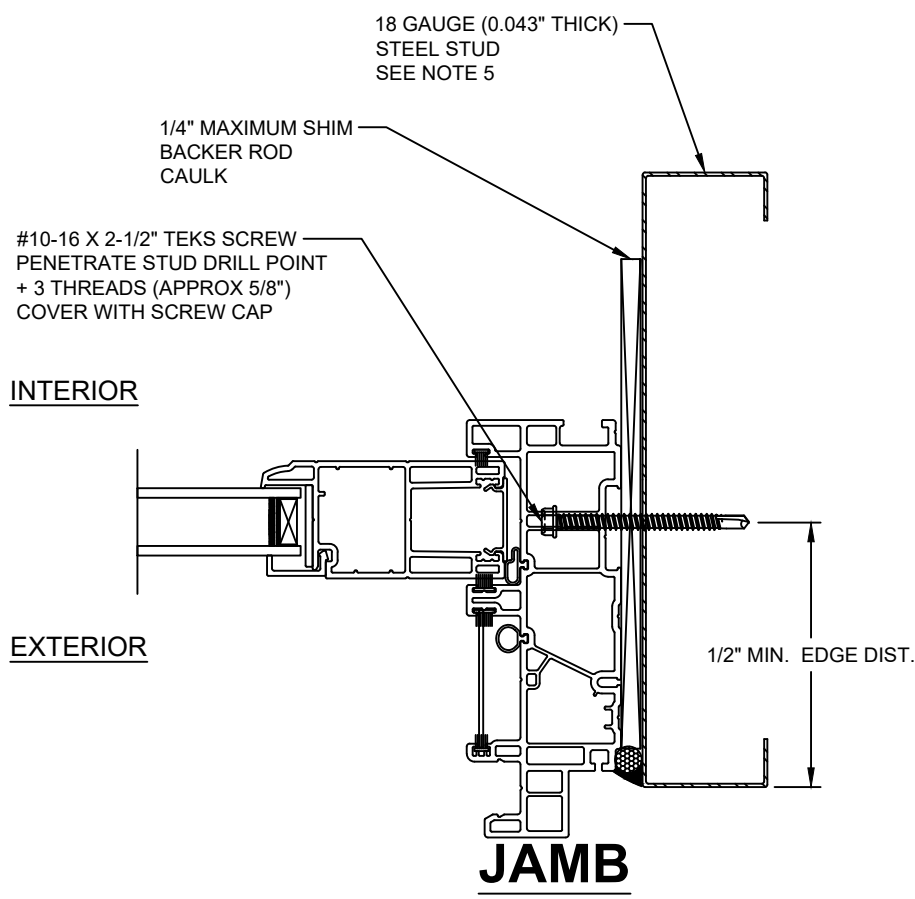
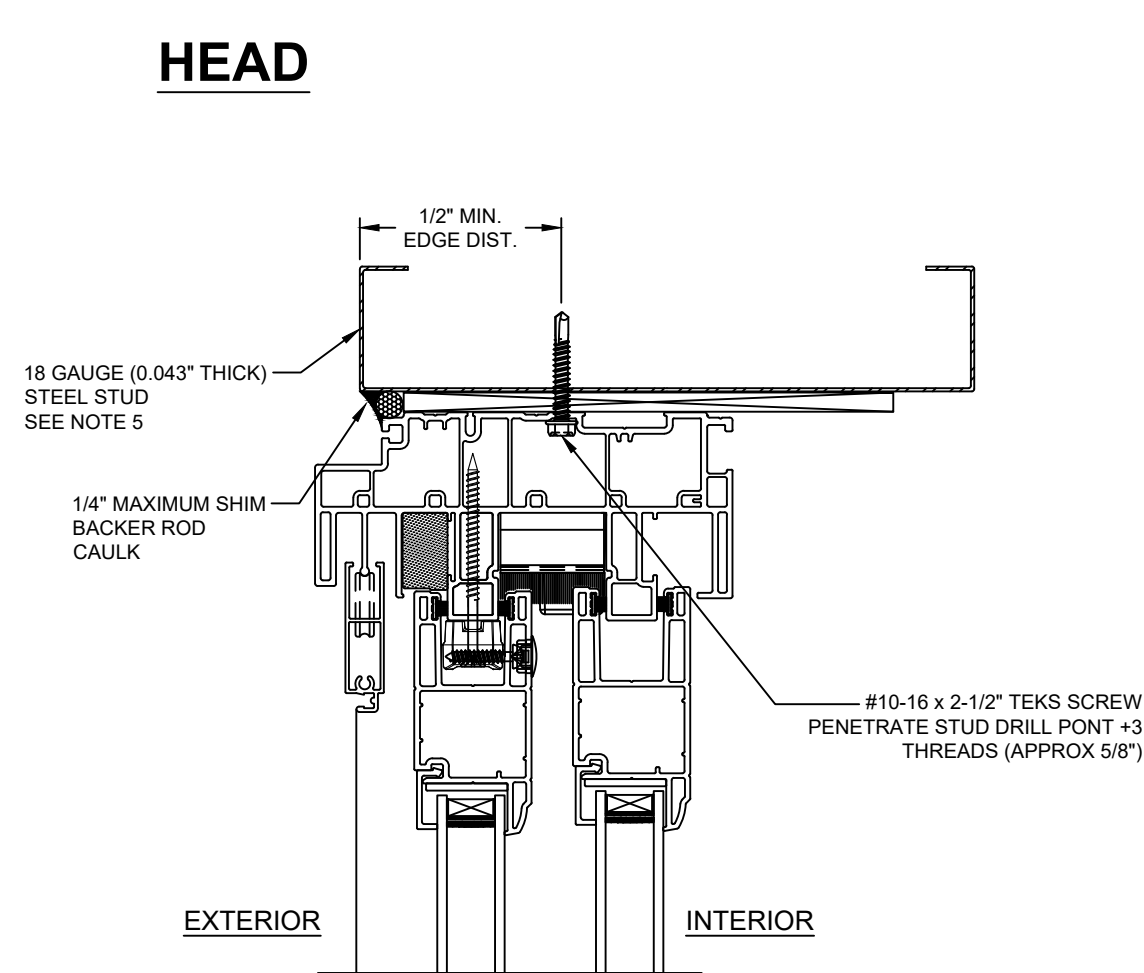
1615/1617 Sliding Door
Frame Install to Wood

MI Windows and Doors
702 W. Market St.
Gratz, PA 17030

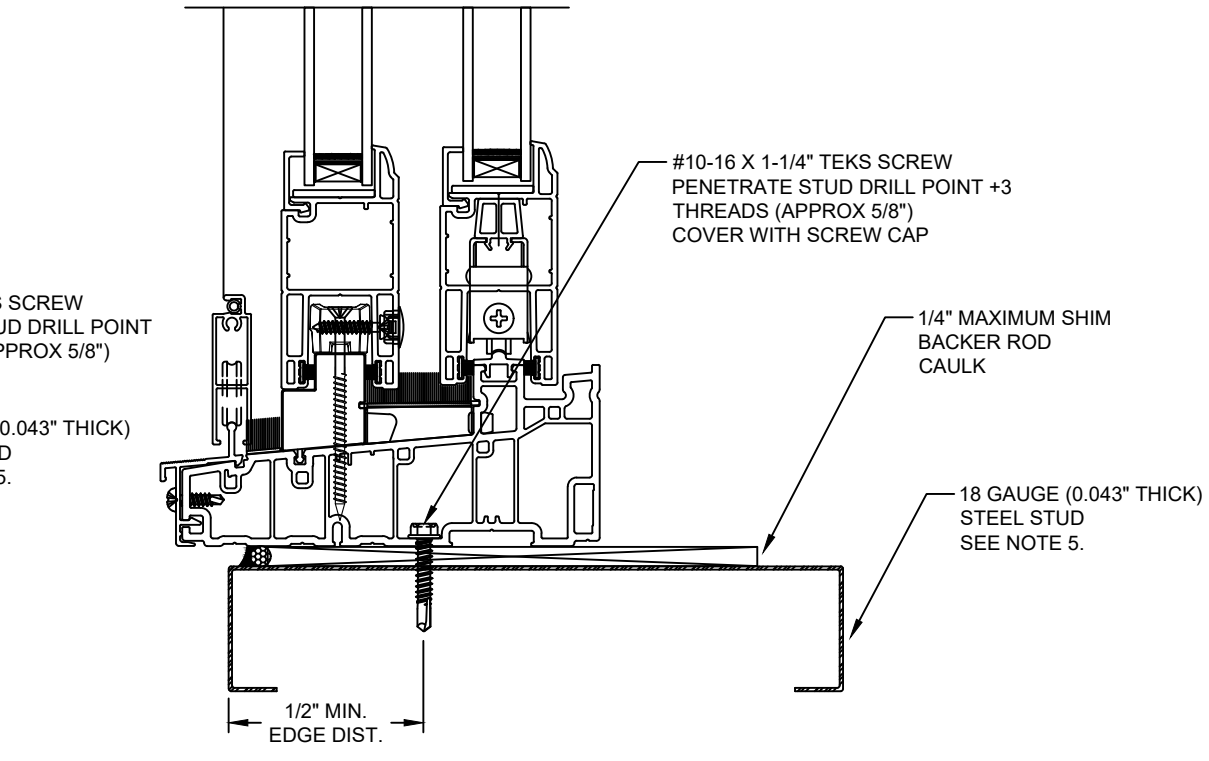
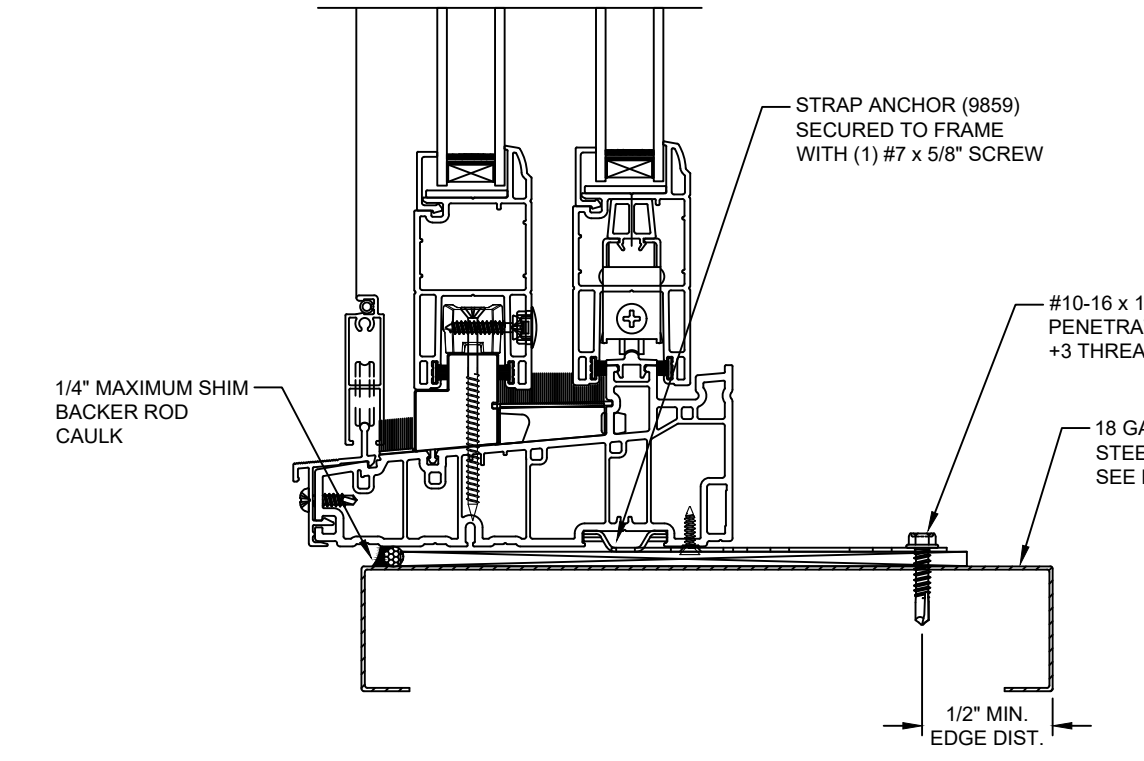
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Project No.: 27488.10-107-16
Drawn By: MDS Rev: - Date: 12/12/23

Scale: NTS Sheet 4 of 12

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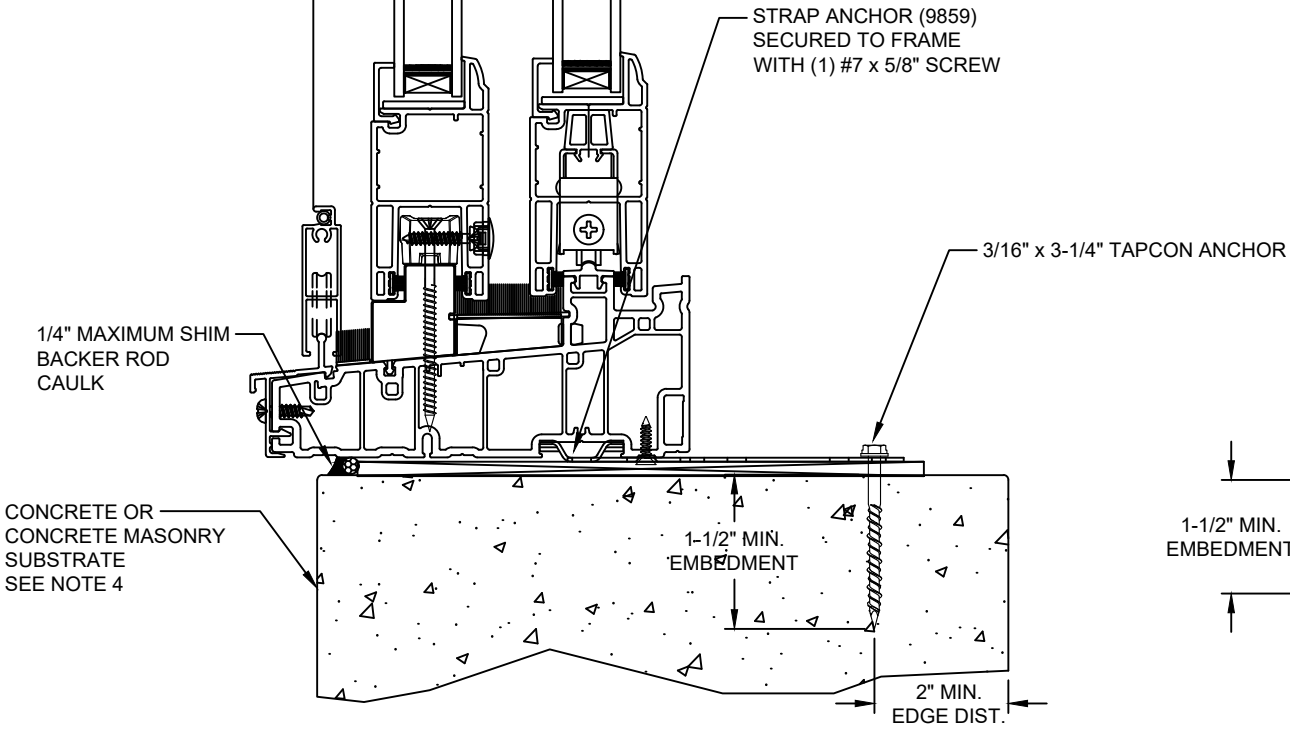
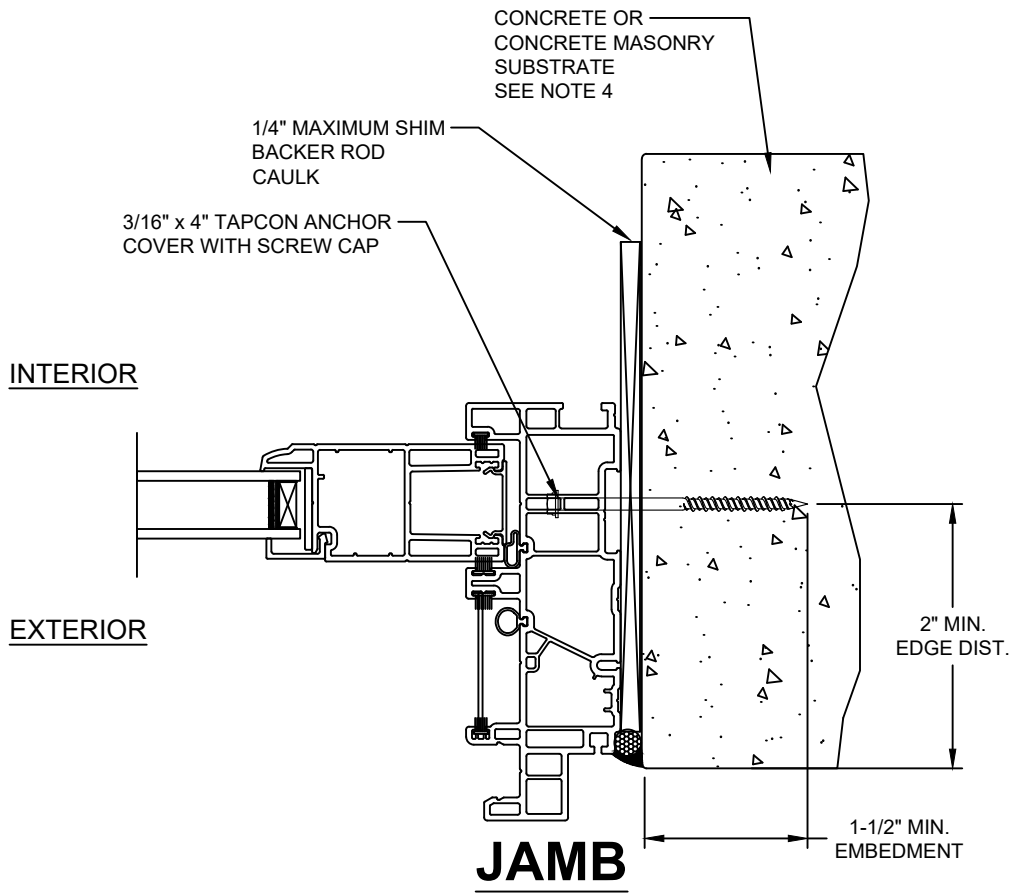
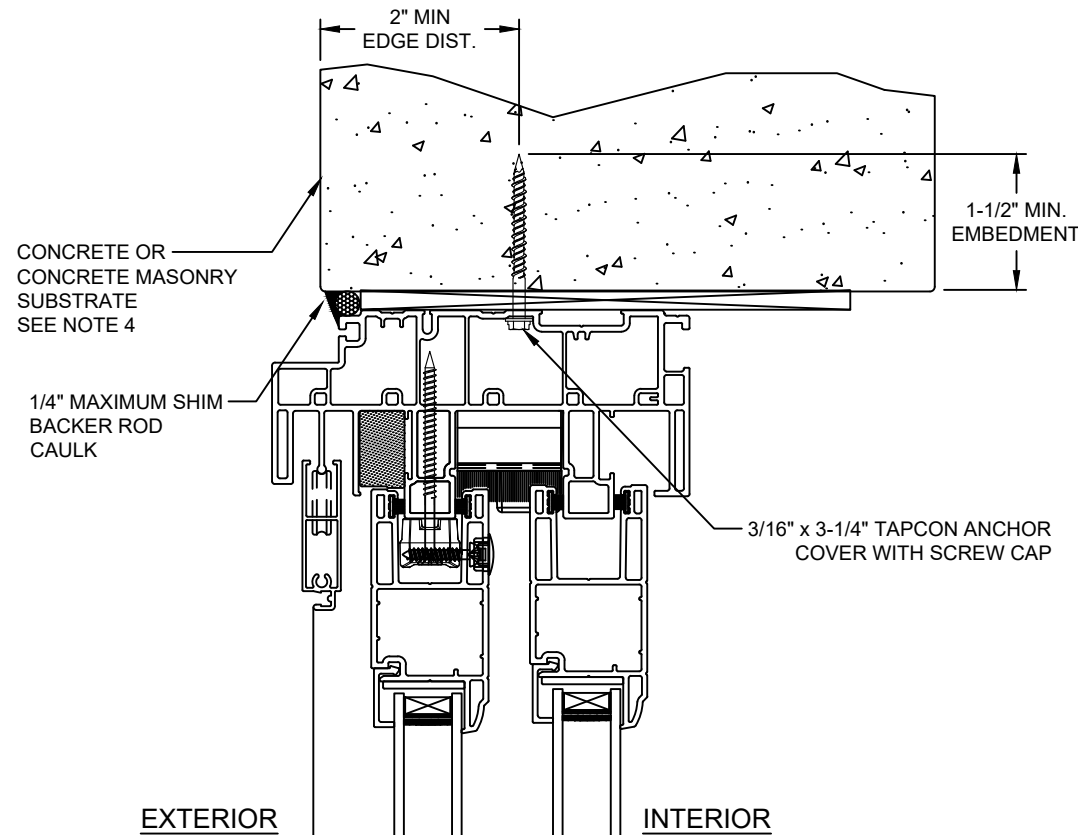
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1615/1617 Sliding Door Frame Install to Steel Stud	
MI Windows and Doors 702 W. Market St. Gratz, PA 17030	
Drawing No.: 27488.10-1001 Project No.: 27488.10-107-16 Drawn By: MDS Rev: - Date: 12/12/23	
Scale: NTS	Sheet 5 of 12

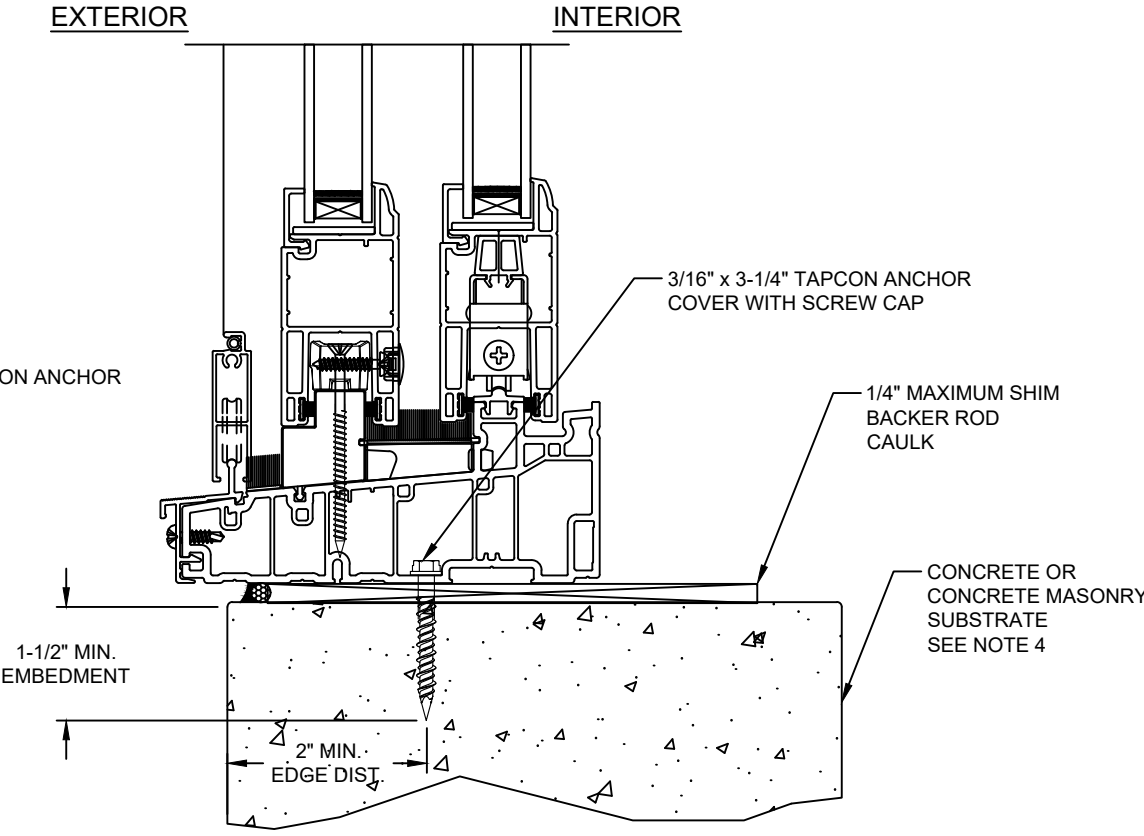
Note:
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SILL

NOTE:
IF SILL INSTALLED TO WOOD, SEE SHEETS 4 AND 8
IF SILL INSTALLED TO STEEL STUD, SEE SHEETS 5 AND 9



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Michael D. Stremmel

1615/1617 Sliding Door
Frame Install to Concrete or CMU

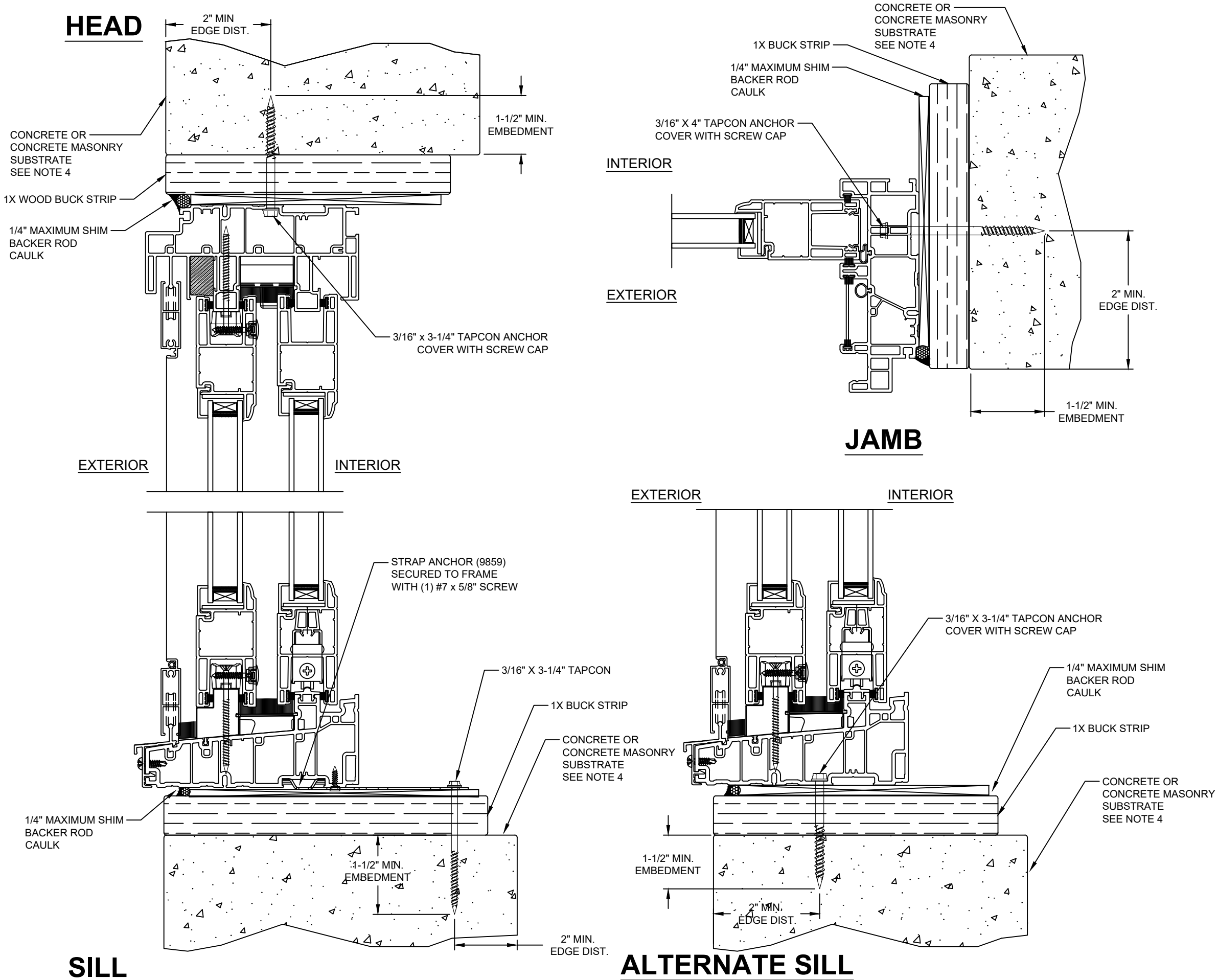
MI Windows and Doors
702 W. Market St.
Gratz, PA 17030

Drawing No.: 27488.10-1001
Project No.: 27488.10-107-16
Drawn By: MDS Rev: - Date: 12/12/23

Scale: NTS

Sheet 6 of 12

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1615/1617 Sliding Door
Frame Install to Concrete or CMU

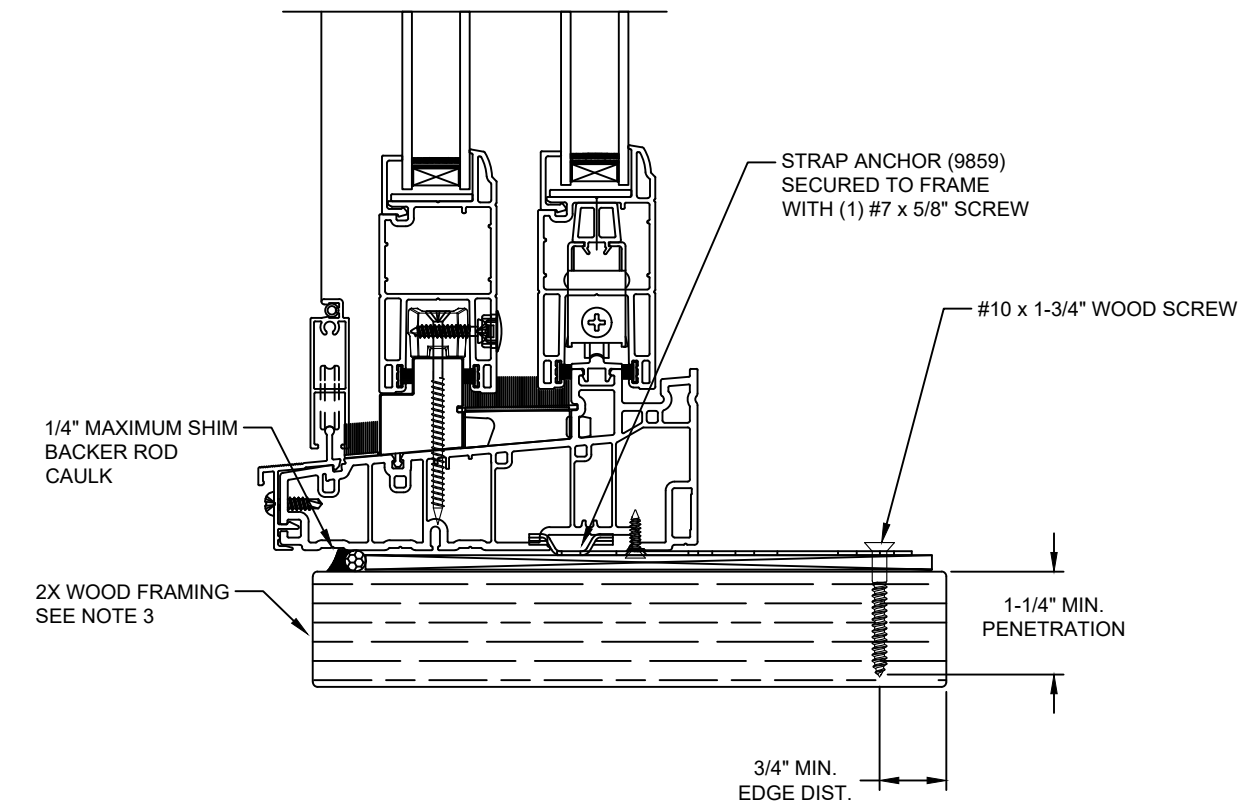
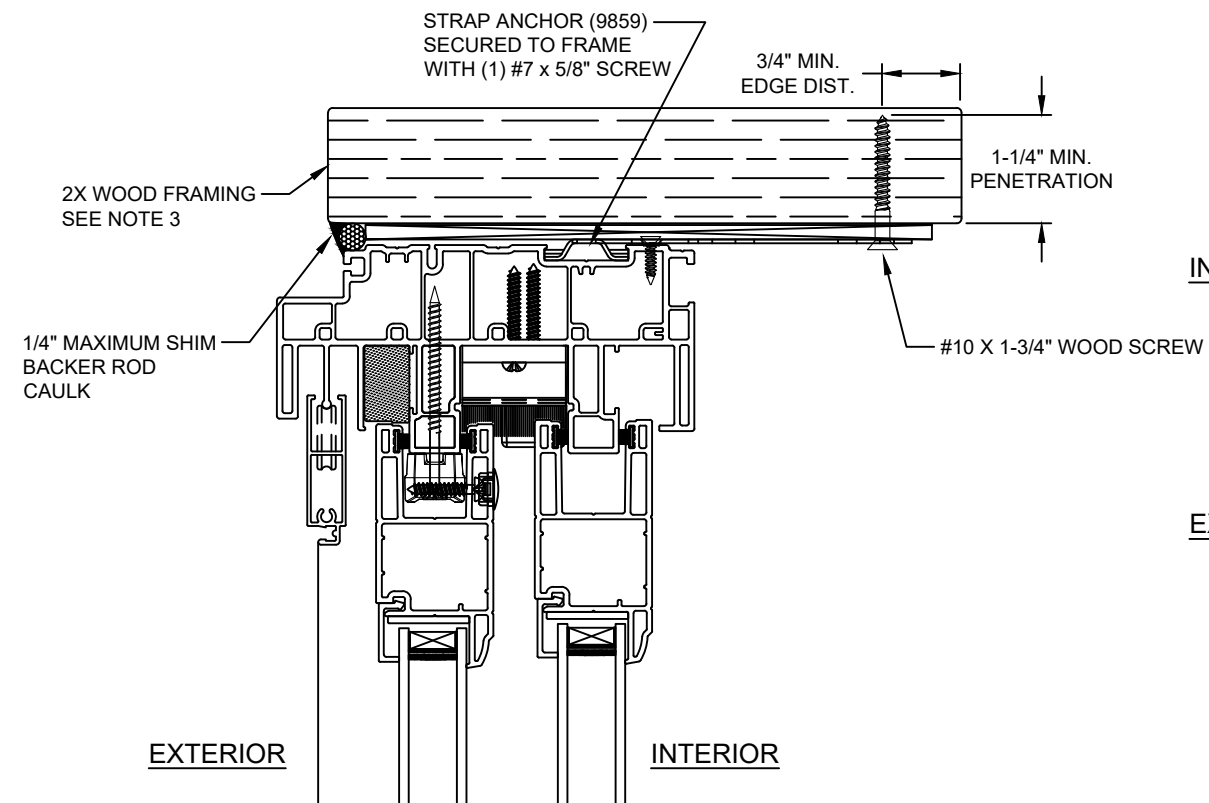
MI Windows and Doors
702 W. Market St.
Gratz, PA 17030

Drawing No.: 27488.10-1001
Project No.: 27488.10-107-16
Drawn By: MDS Rev: - Date: 12/12/23

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Sheet 7 of 12

HEAD



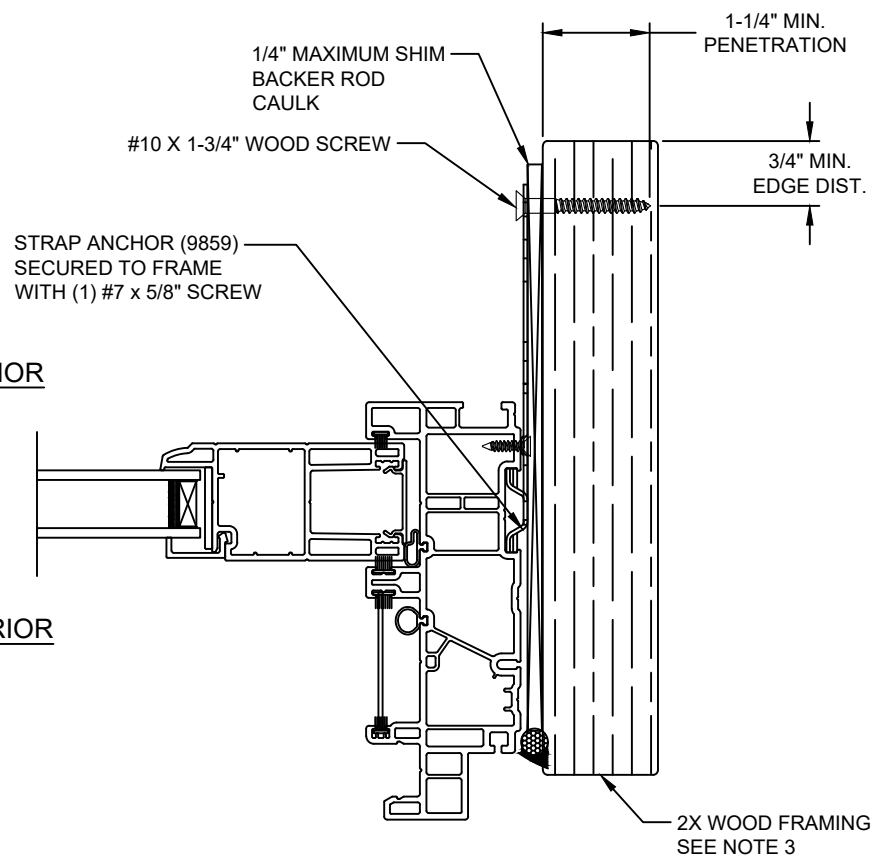
SILL

NOTE:
IF SILL INSTALLED TO STEEL STUD, SEE SHEET 9
IF SILL INSTALLED TO CONCRETE, SEE SHEETS 10 AND 11

INTERIOR

EXTERIOR

JAMB



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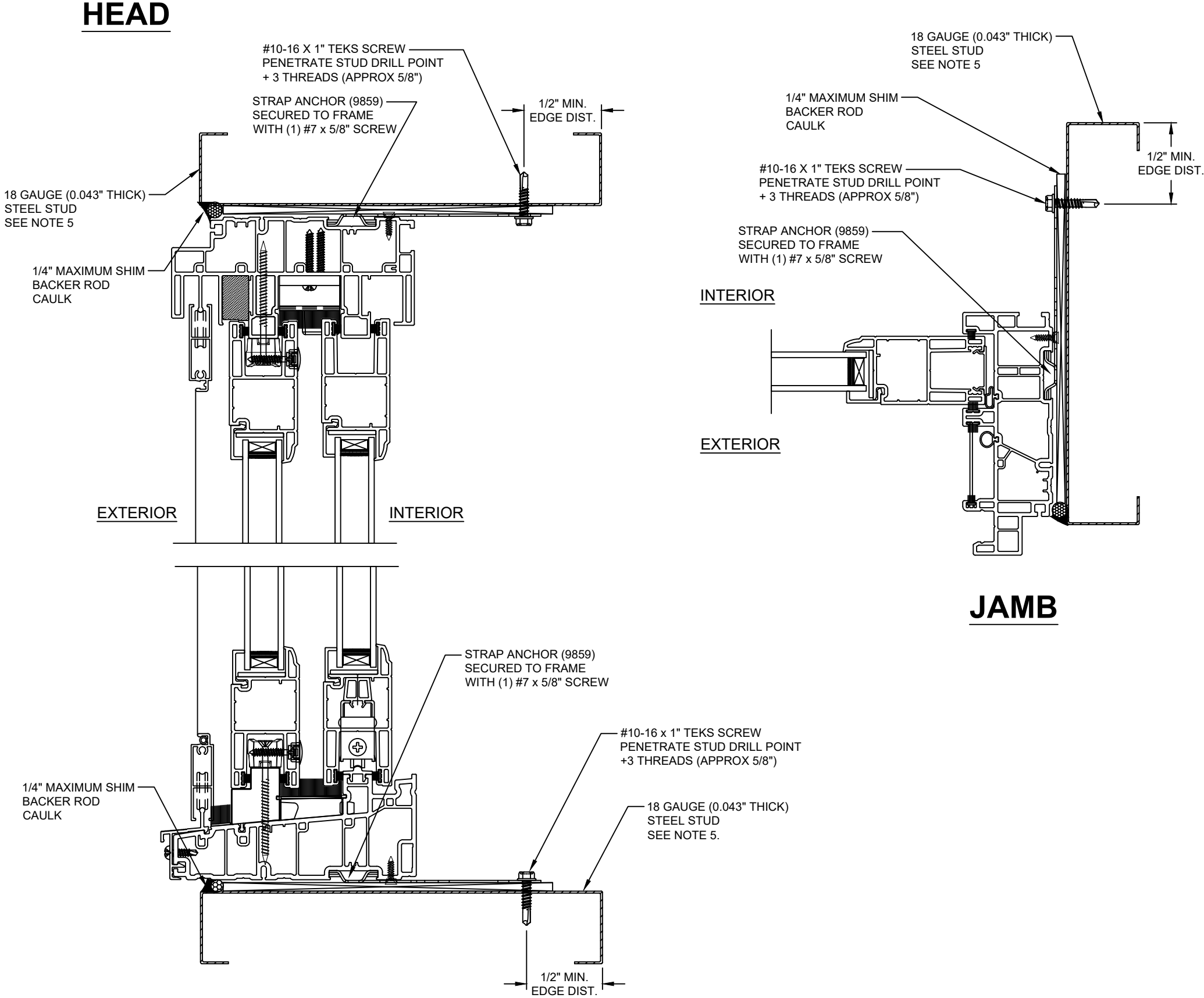
1615/1617 Sliding Door
Strap Install to Wood

MI Windows and Doors
702 W. Market St.
Gratz, PA 17030

Drawing No.: 27488.10-1001
Project No.: 27488.10-107-16
Drawn By: MDS Rev: - Date: 12/12/23

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1615/1617 Sliding Door Strap Install to Steel Stud	
MI Windows and Doors 702 W. Market St. Gratz, PA 17030	
Drawing No.: 27488.10-1001 Project No.: 27488.10-107-16 Drawn By: MDS Rev: - Date: 12/12/23	
Scale: NTS	Sheet 9 of 12

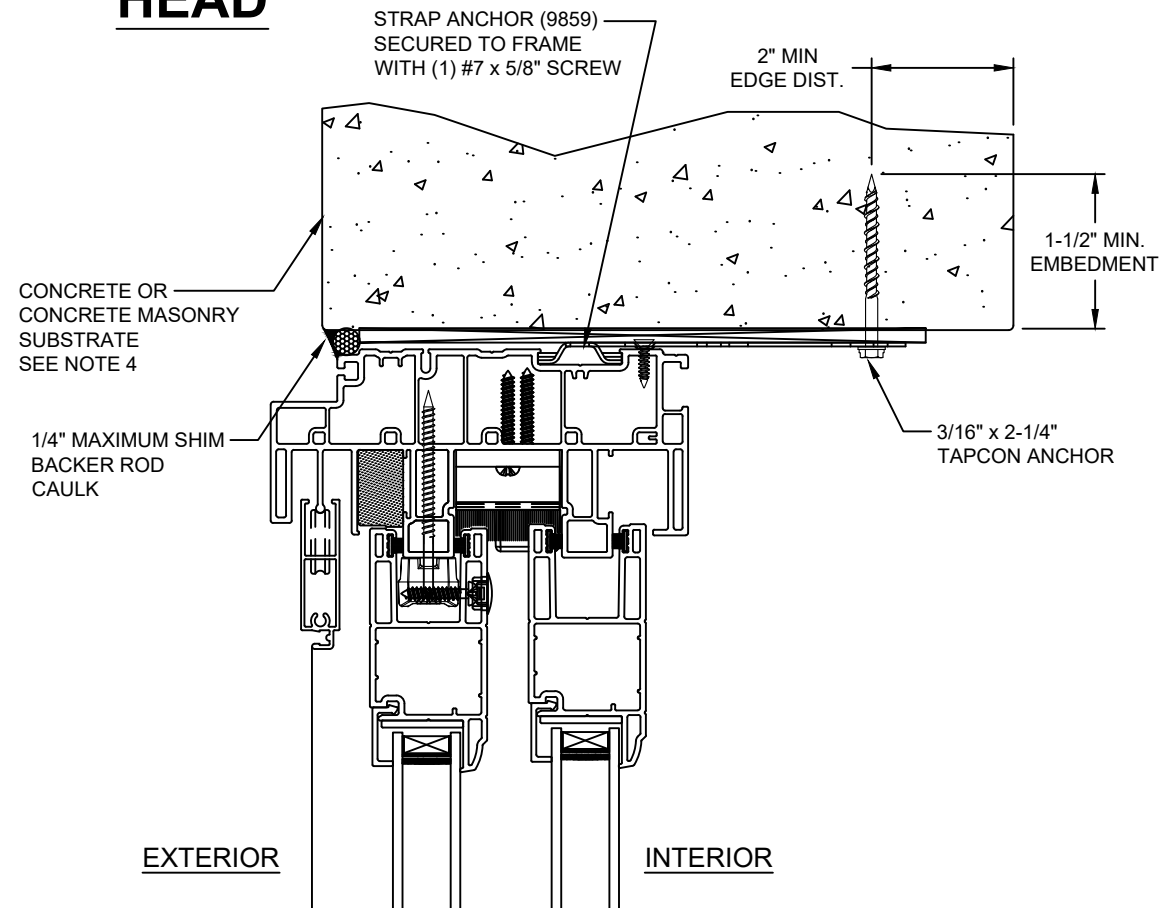
HEAD

JAMB

SILL

NOTE:
IF SILL INSTALLED TO WOOD, SEE SHEET 8
IF SILL INSTALLED TO CONCRETE, SEE SHEETS 10 AND 11

HEAD



INTERIOR

EXTERIOR

CONCRETE OR
CONCRETE MASONRY
SUBSTRATE
SEE NOTE 4

1/4" MAXIMUM SHIM
BACKER ROD
CAULK
3/16" x 2-1/4" TAPCON
ANCHOR

STRAP ANCHOR (9859)
SECURED TO FRAME
WITH (1) #7 x 5/8" SCREW

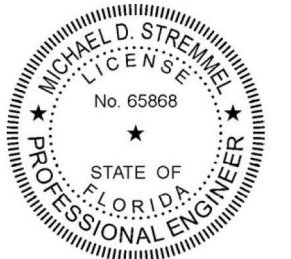
2" MIN.
EDGE DIST.

1-1/2" MIN.
EMBEDMENT

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1615/1617 Sliding Door
Strap Install to Concrete or CMU

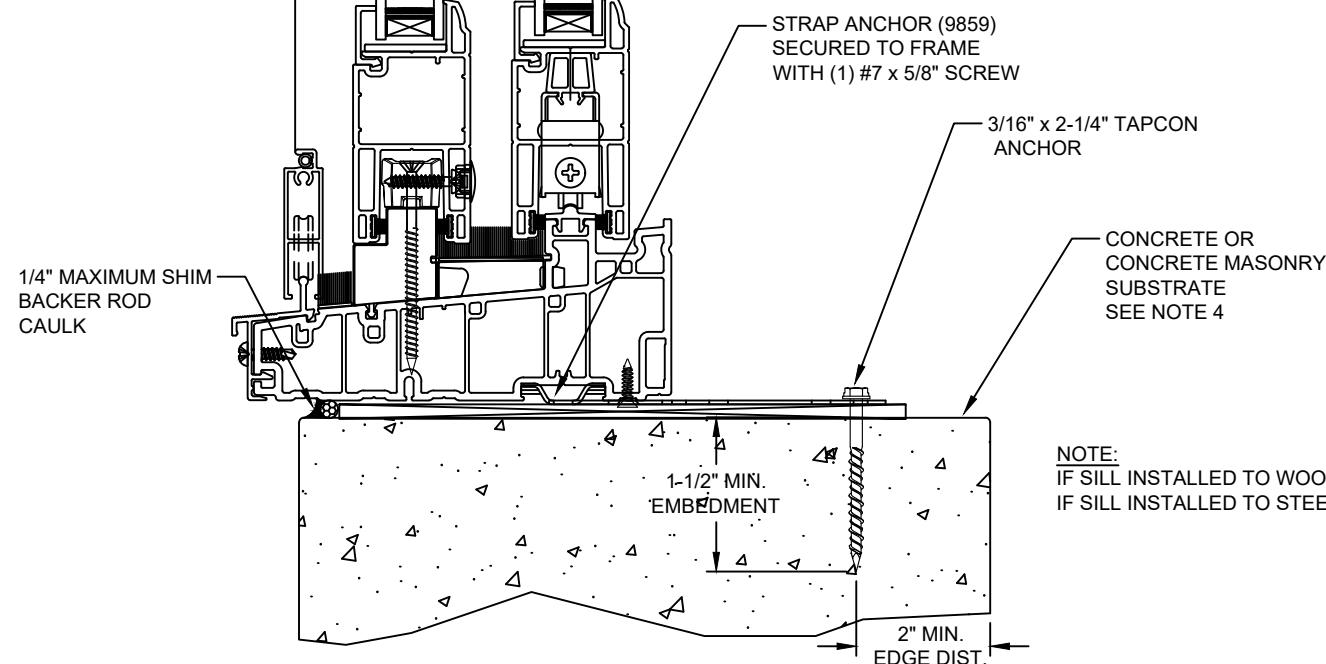
MI Windows and Doors
702 W. Market St.
Gratz, PA 17030

Drawing No.: 27488.10-1001
Project No.: 27488.10-107-16
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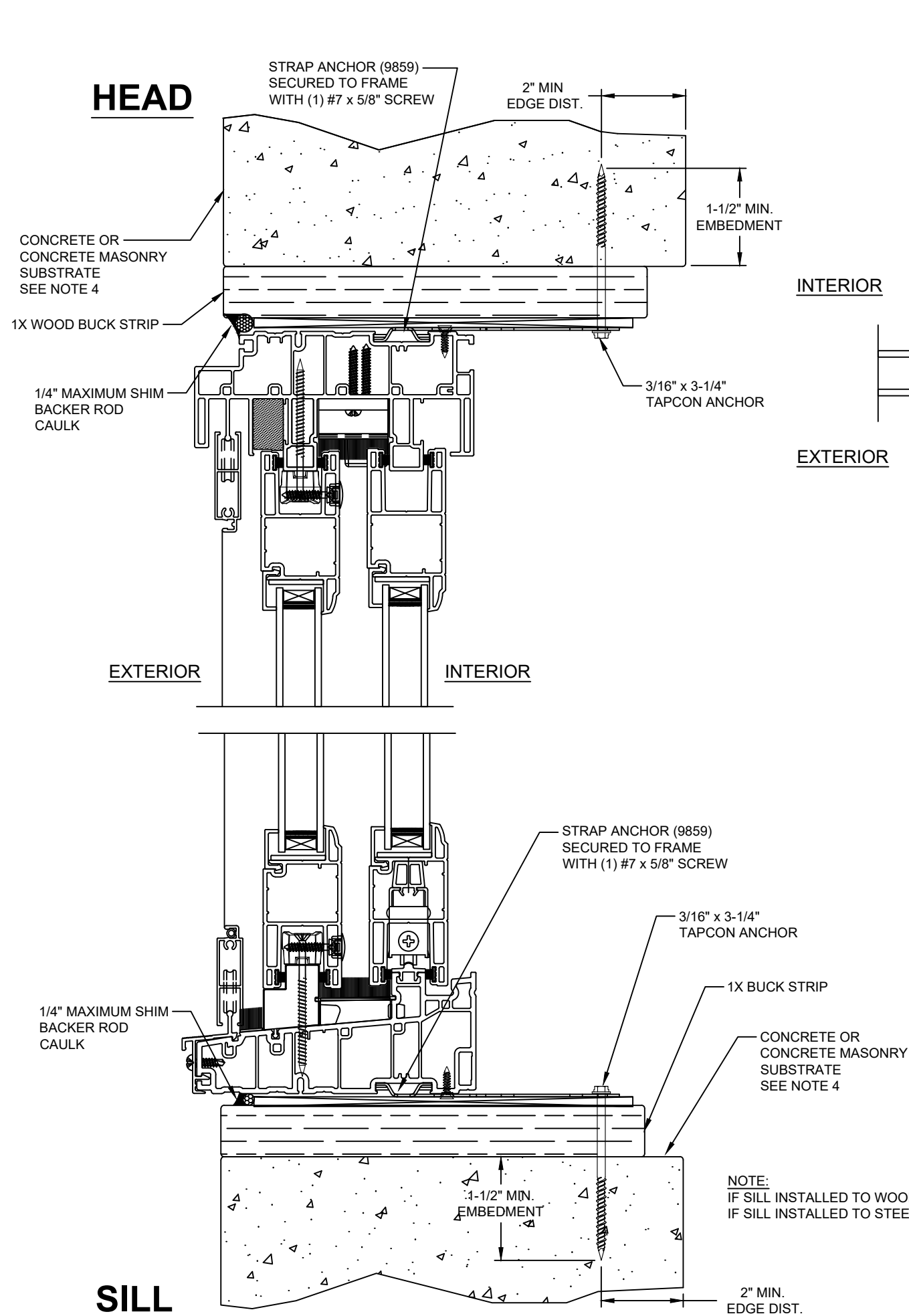
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Sheet 10 of 12

SILL



NOTE:
IF SILL INSTALLED TO WOOD, SEE SHEET 6
IF SILL INSTALLED TO STEEL STUD, SEE SHEET 7



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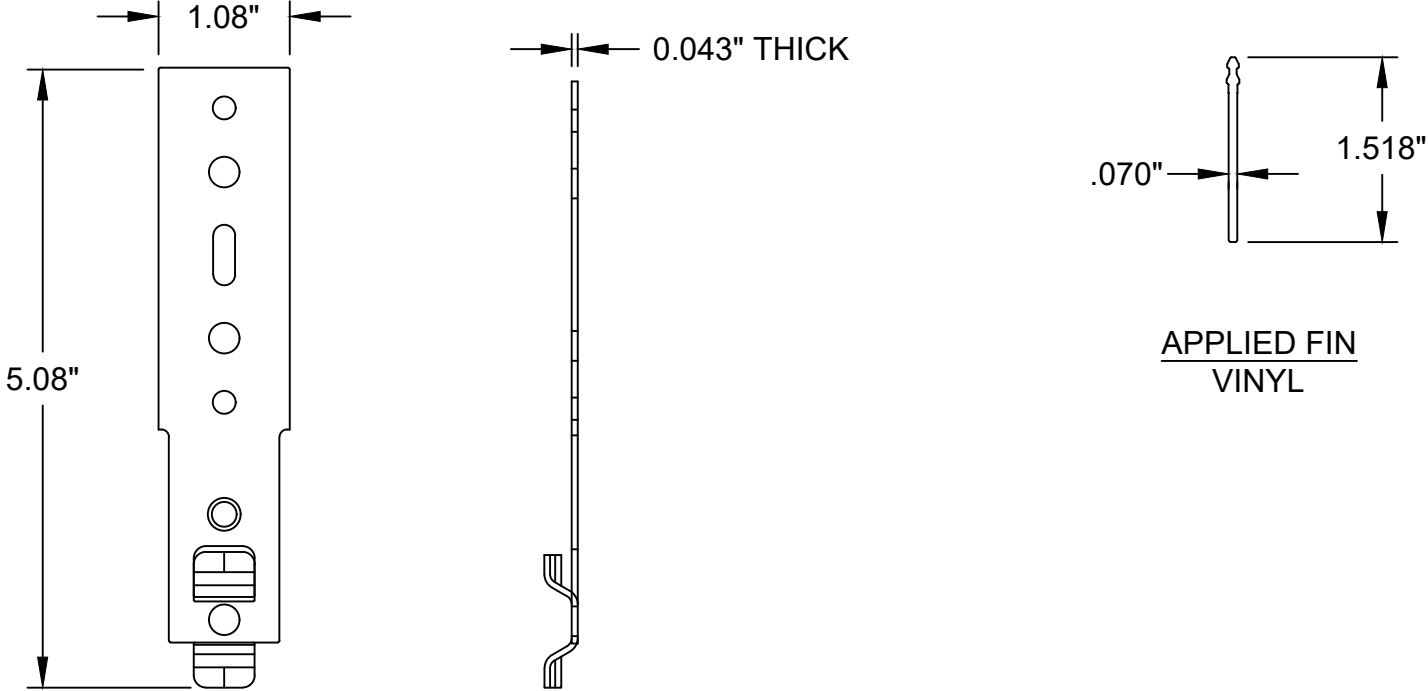
1615/1617 Sliding Door
Strap Install to Concrete or CMU

MI Windows and Doors
702 W. Market St.
Gratz, PA 17030

Drawing No.: 27488.10-1001
Project No.: 27488.10-107-16
Drawn By: MDS Rev: - Date: 12/12/23

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Sheet 11 of 12



STRAP ANCHOR
PART NO. 9859
18 GAUGE STEEL

APPLIED FIN
VINYL

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1615/1617 Sliding Door Accessories	
MI Windows and Doors 702 W. Market St. Gratz, PA 17030	
Drawing No.: 27488.10-1001 Project No.: 27488.10-107-16 Drawn By: MDS Rev: - Date: 12/12/23	
Scale: NTS	Sheet 12 of 12