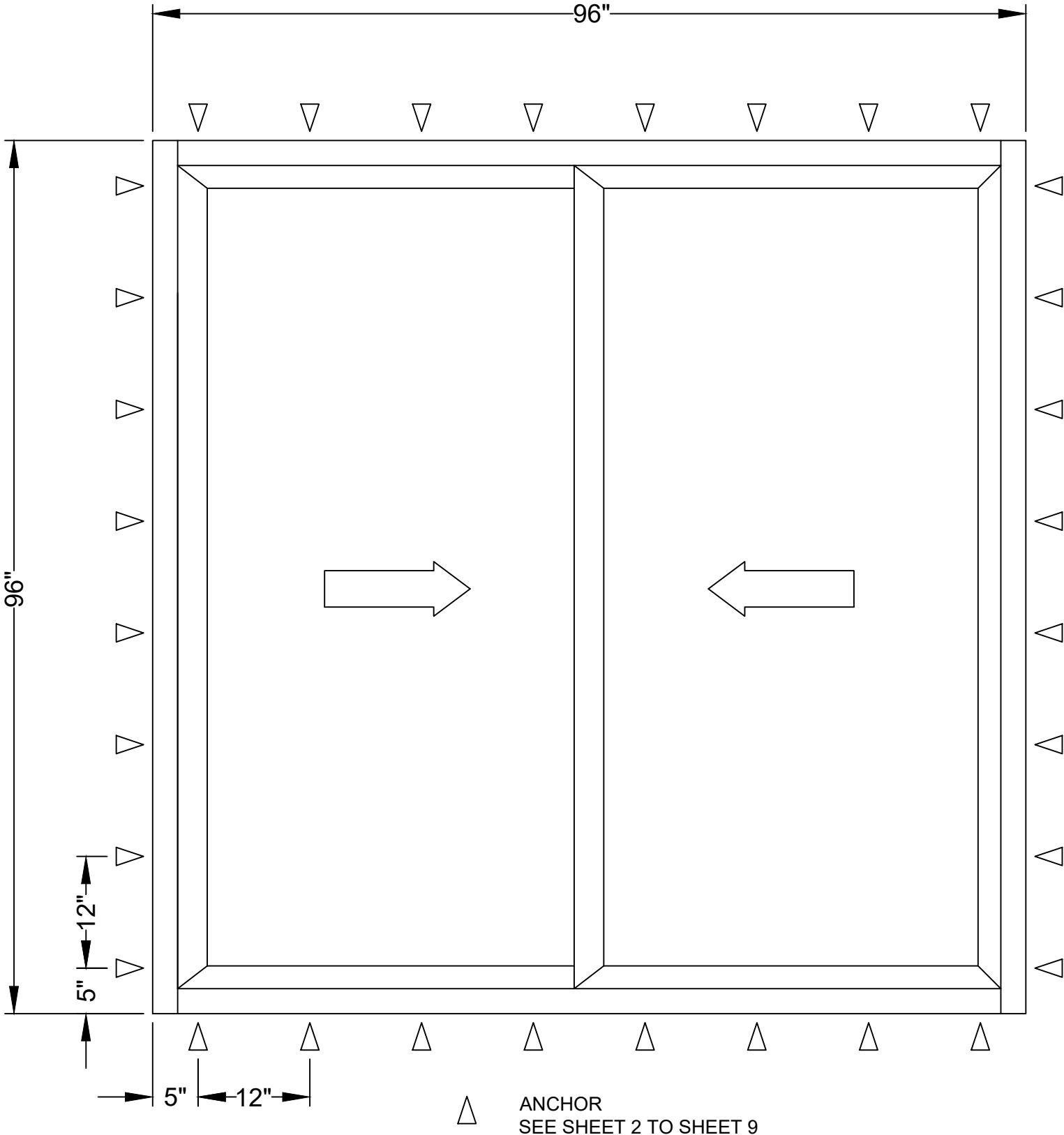


1615/1617 Sliding Door - Impact (XX) & (OX)

Maximum Size: 96" x 96"
Design Pressure: +50/-50 psf
Missile D - Wind Zone 3



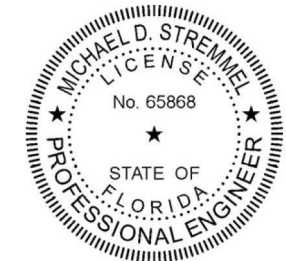
ANCHOR
SEE SHEET 2 TO SHEET 9

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. Nail fin is not structural and only for flashing/sealing if not removed. If fin is not removed, all anchors shown on these drawings must be installed.
11. Products are impact resistant and do not require approved protection devices if used in wind-borne debris regions.
12. Not for use in High Velocity Hurricane Zone (HVHZ).

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FL PE 65868
FL REG 37122
1410 Eden Road
York, PA 17402
717-916-6300



2024.03.18 14:47:35 -04'00'

CONTENTS:

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

1615/1617 Sliding Door - Impact Elevations and Notes

MI Windows and Doors

702 W. Market St.
Gratz, PA 17030

Drawing No.: 27488-1-1002

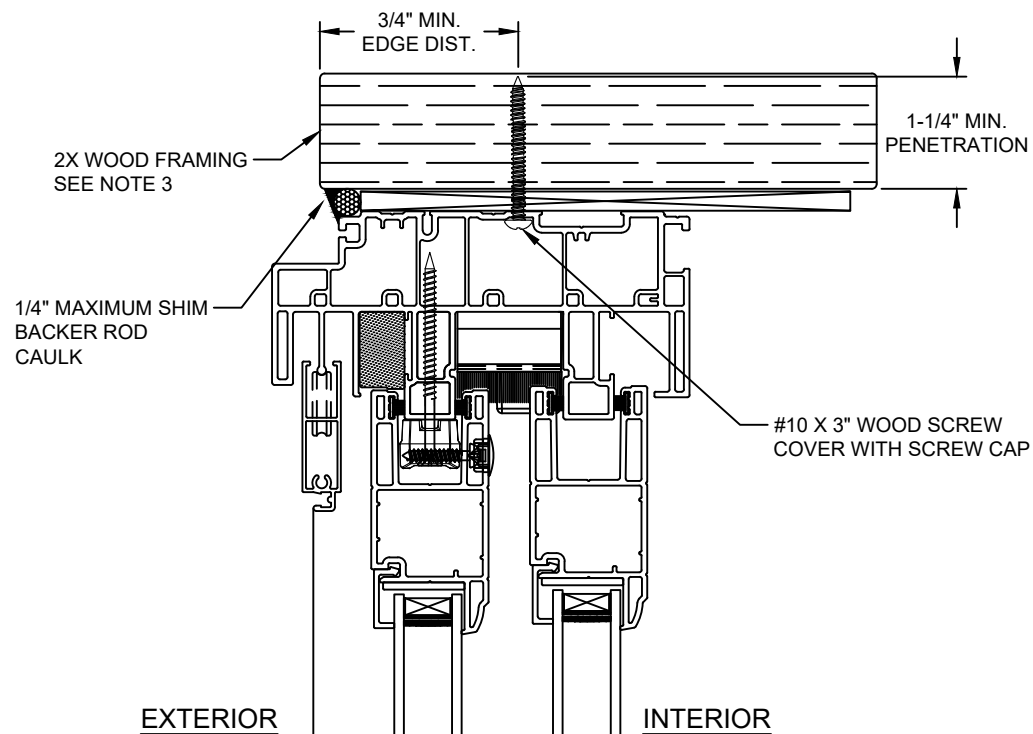
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Drawn By: MDS Rev: 1 Date: 3/18/24

Scale: NTS

Sheet 1 of 10

HEAD



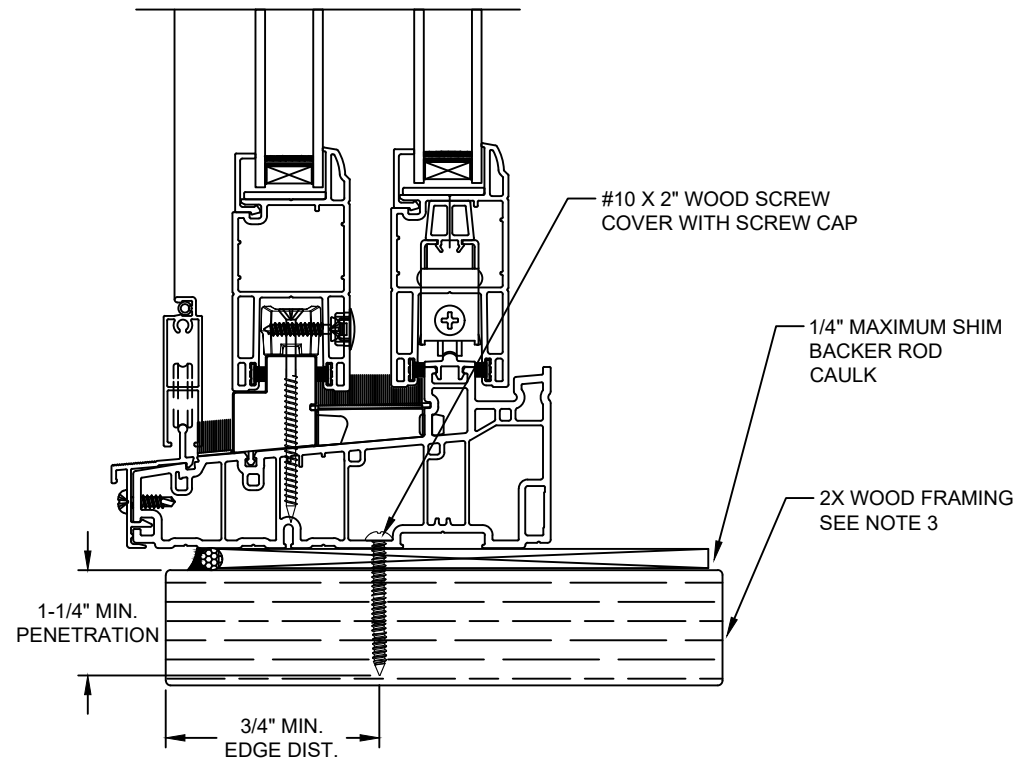
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EXTERIOR

JAMB

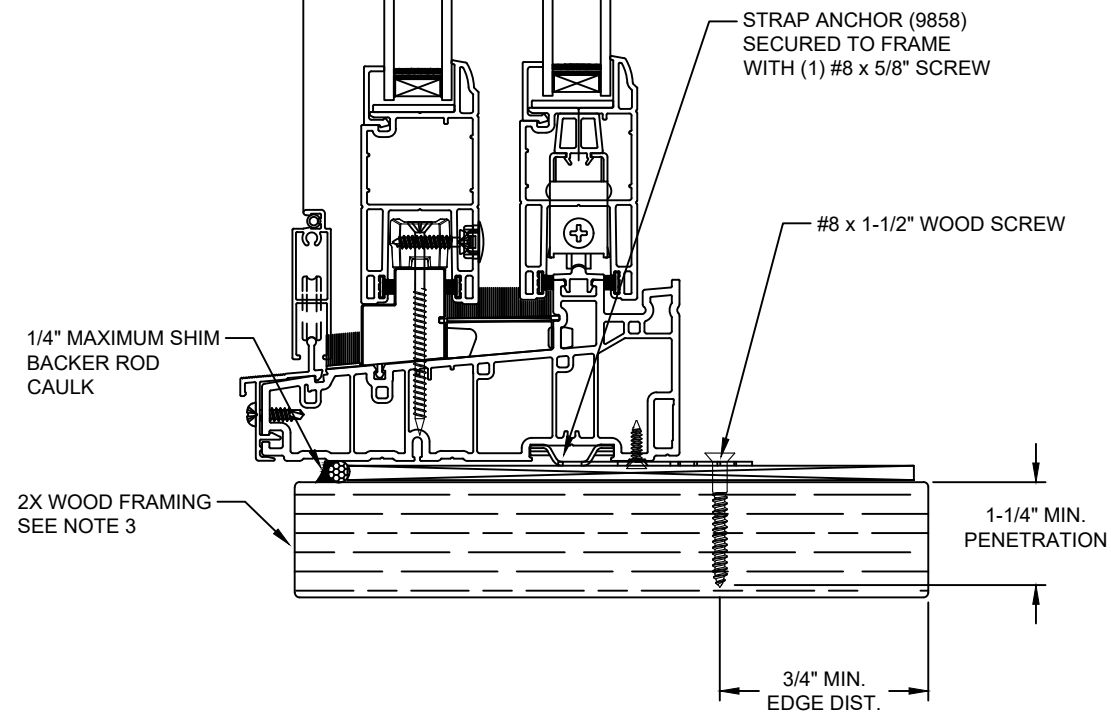
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INTERIOR

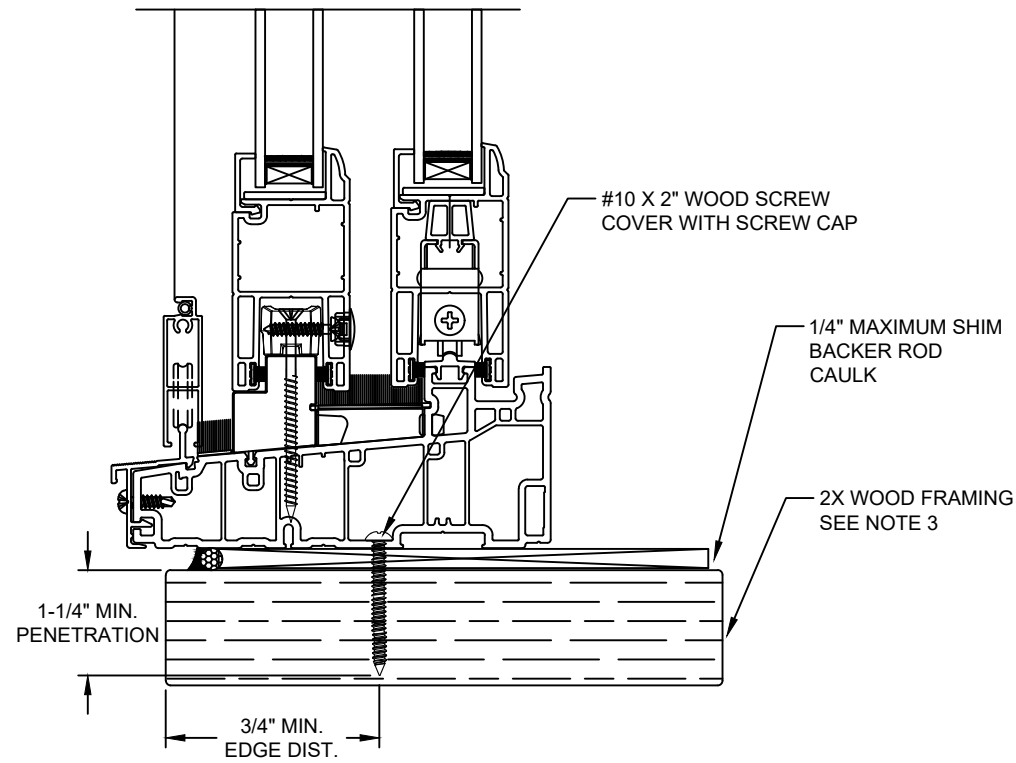


Note:
Waterproofing and interior finishes by others. Not shown for clarity.

SILL



ALTERNATE SILL



NOTE:
IF SILL INSTALLED TO STEEL, SEE SHEETS 5 AND 9
IF SILL INSTALLED TO CONCRETE, SEE SHEETS 6, 7, 10 AND 11

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**1615/1617 Sliding Door - Impact
Frame Install to Wood**

MI Windows and Doors

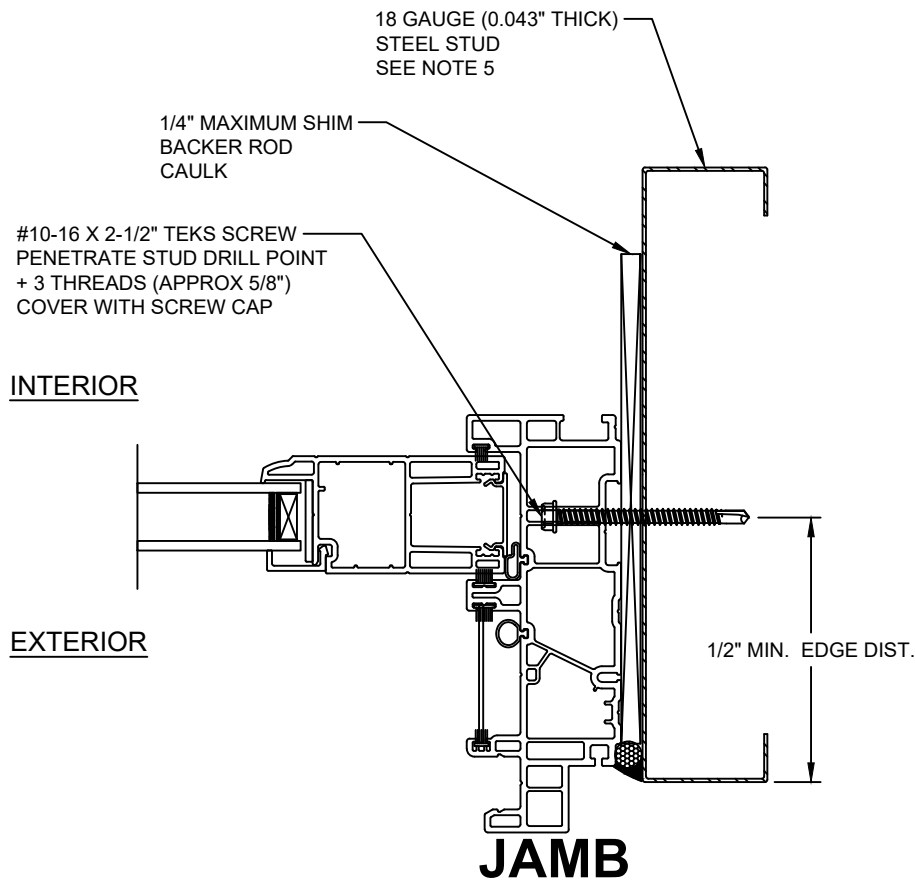
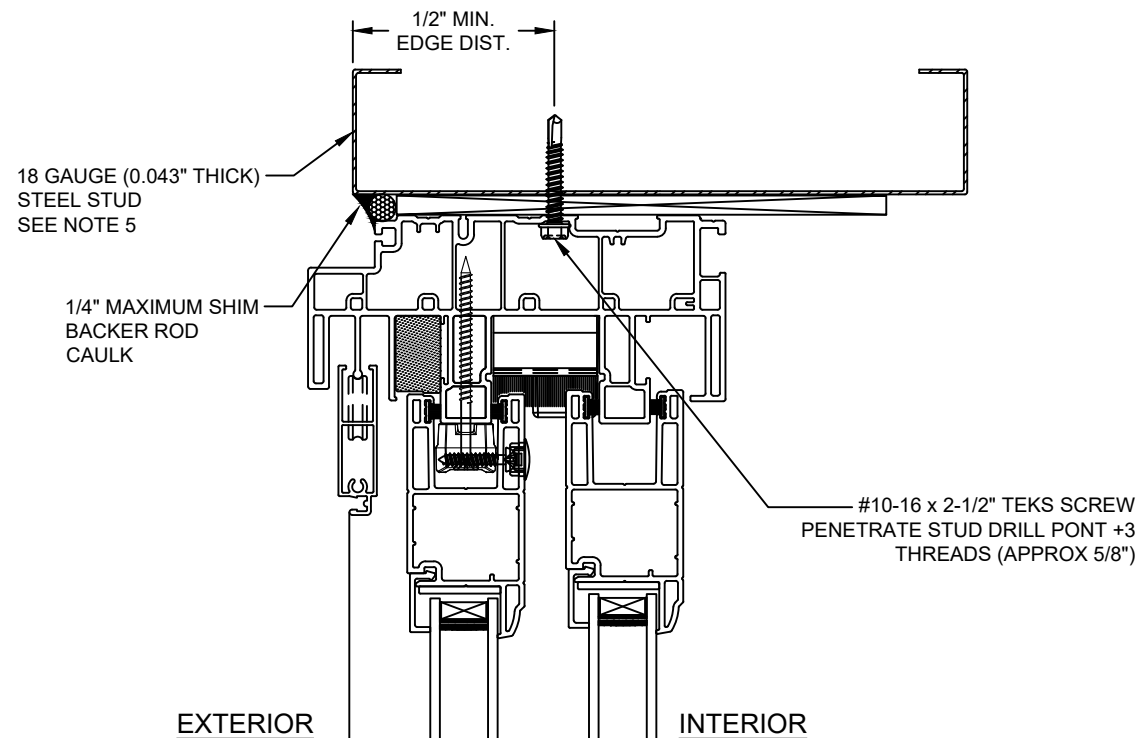
702 W. Market St.
Gratz, PA 17030

Drawing No.: 27488.15-1002
Project No.: 27488.15-107-16
Drawn By: MDS Rev: 1 Date: 3/18/24

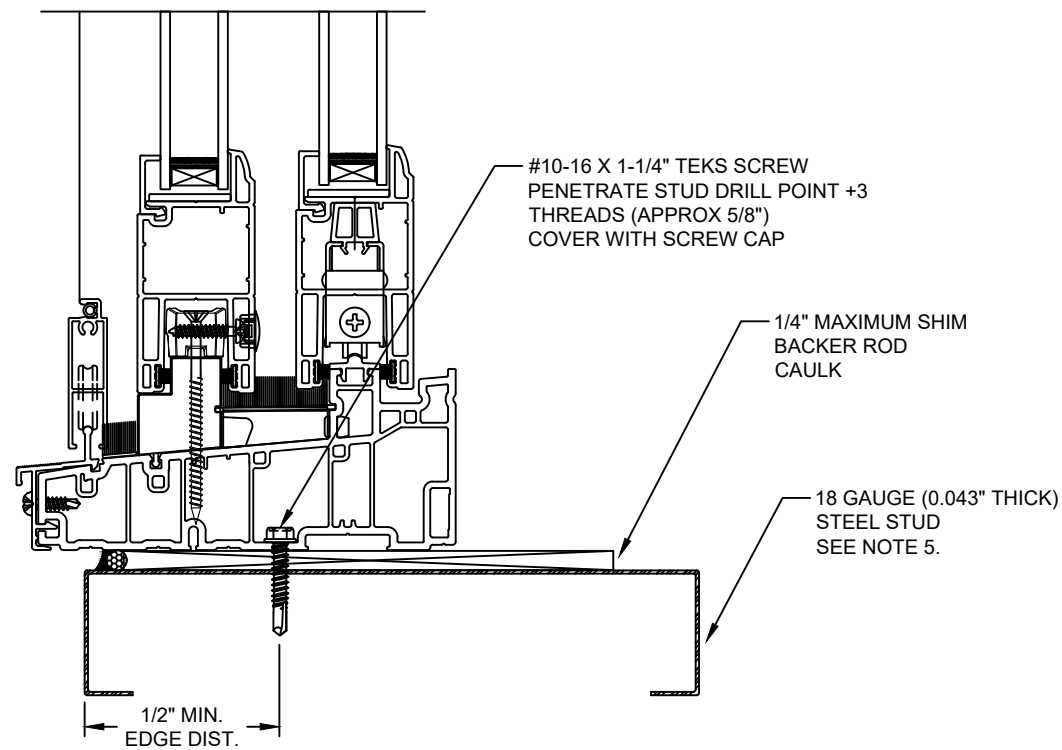
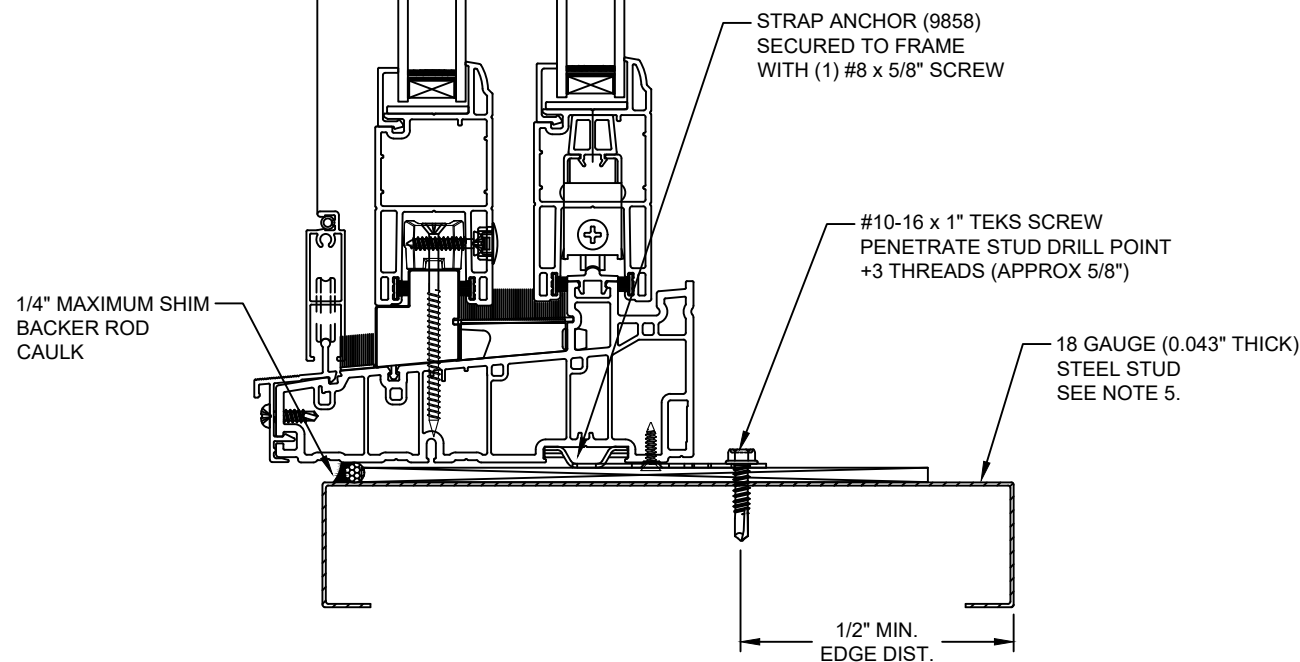
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Sheet 2 of 10

HEAD



Note:
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SILL

NOTE:
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IF SILL INSTALLED TO CONCRETE, SEE SHEETS 6, 7, 10 AND 11

ALTERNATE SILL

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2024.03.18 14:47:35 -04'00'

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**1615/1617 Sliding Door - Impact
Frame Install to Steel Stud**

MI Windows and Doors

702 W. Market St.
Gratz, PA 17030

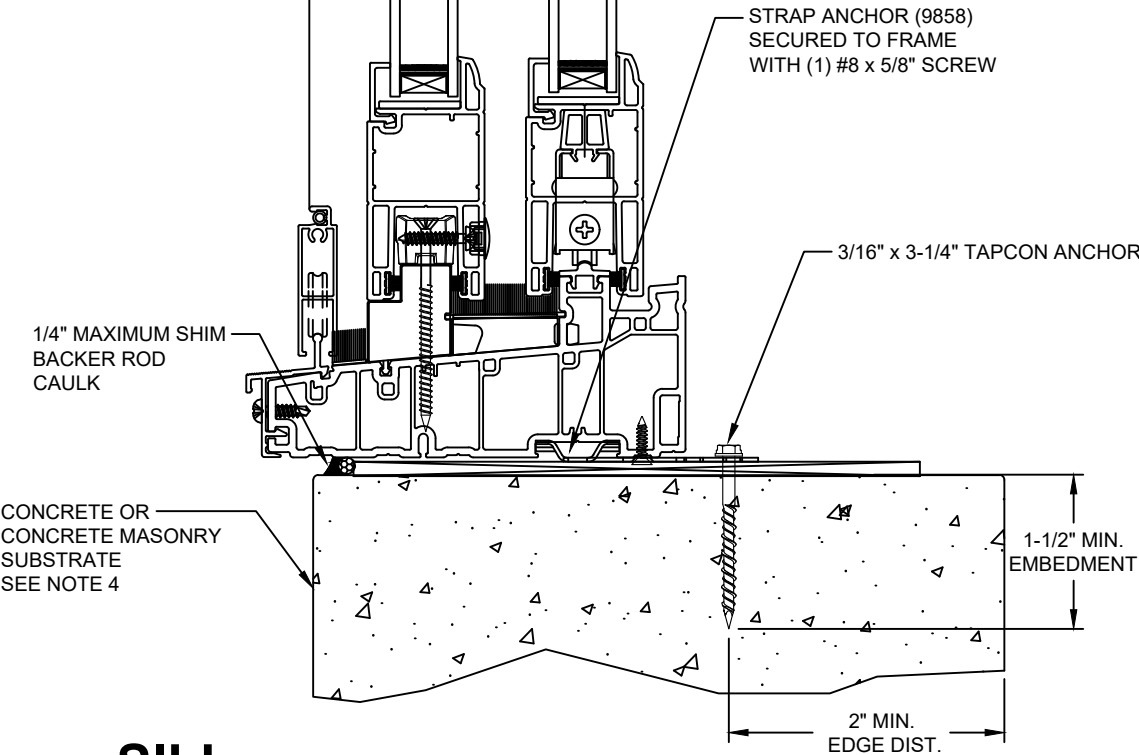
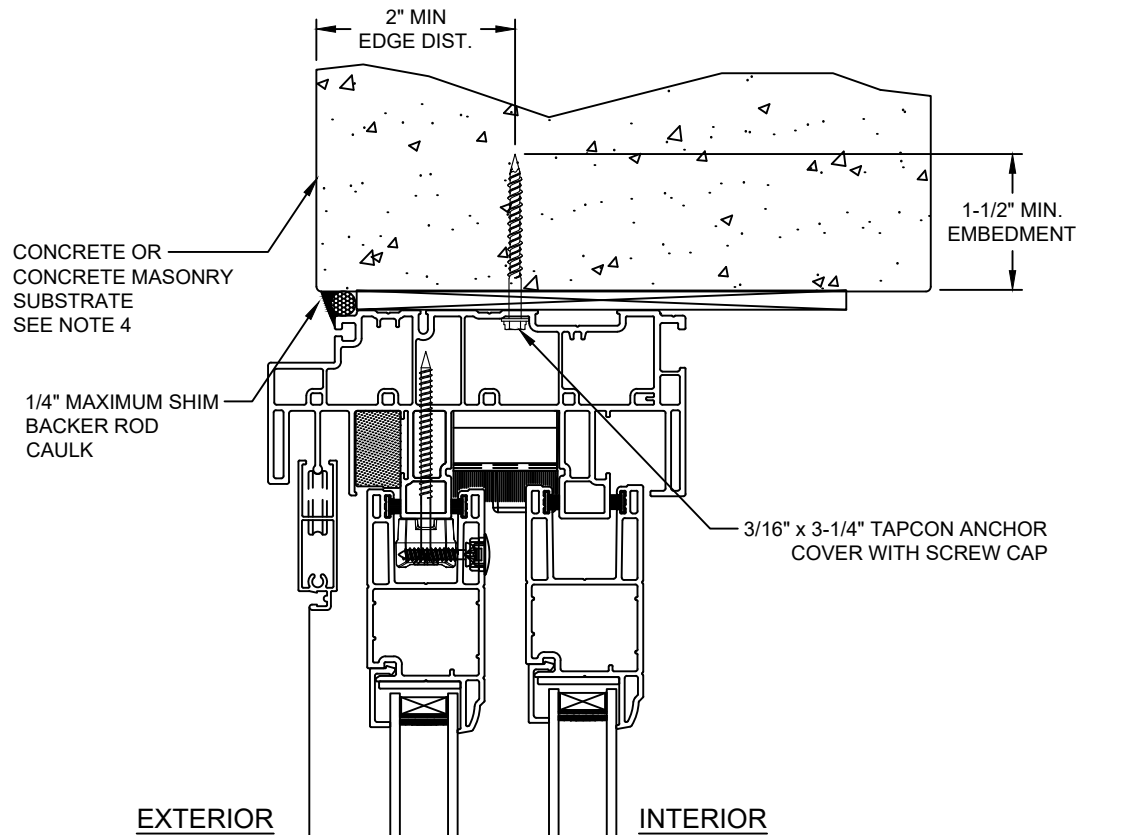
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Project No.: 27488.15-107-16
Drawn By: MDS Rev: 1 Date: 3/18/24

Scale: NTS

Sheet 3 of 10

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

HEAD



SILL

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

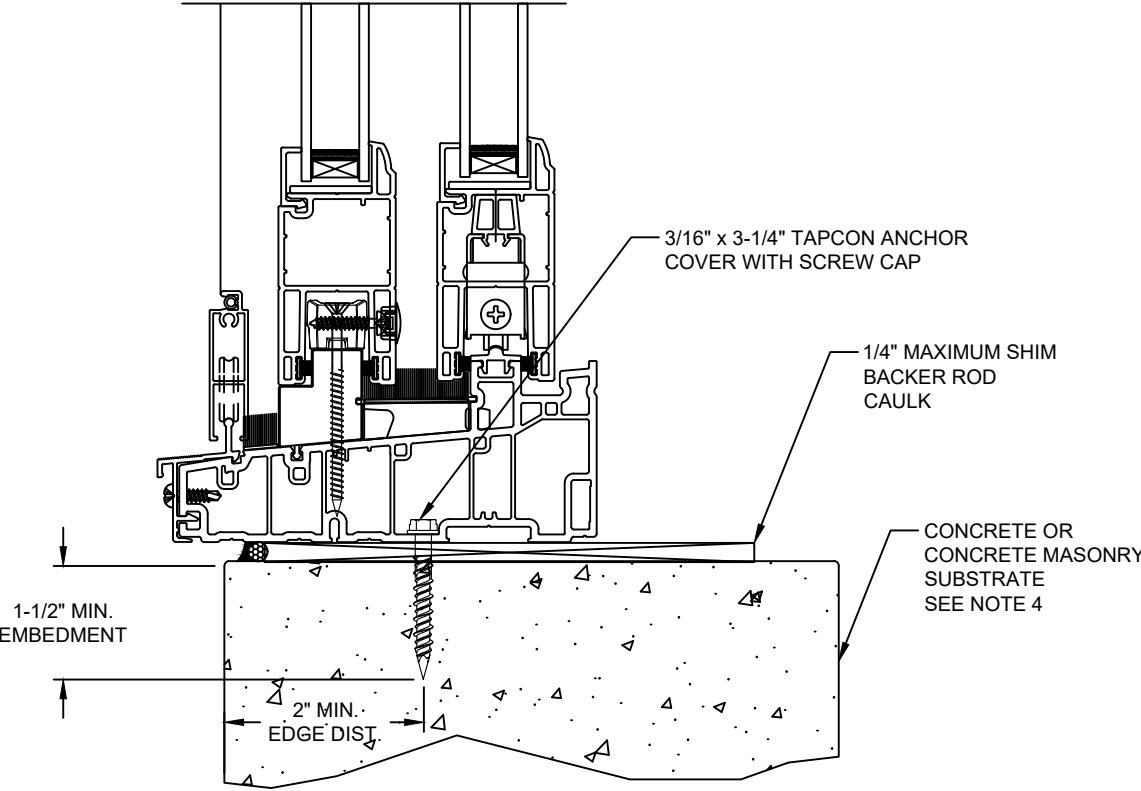
INTERIOR

EXTERIOR

JAMB

EXTERIOR

INTERIOR



ALTERNATE SILL



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2024.03.18 14:47:35 -04'00'

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1615/1617 Sliding Door - Impact
Frame Install to Concrete or CMU

MI Windows and Doors

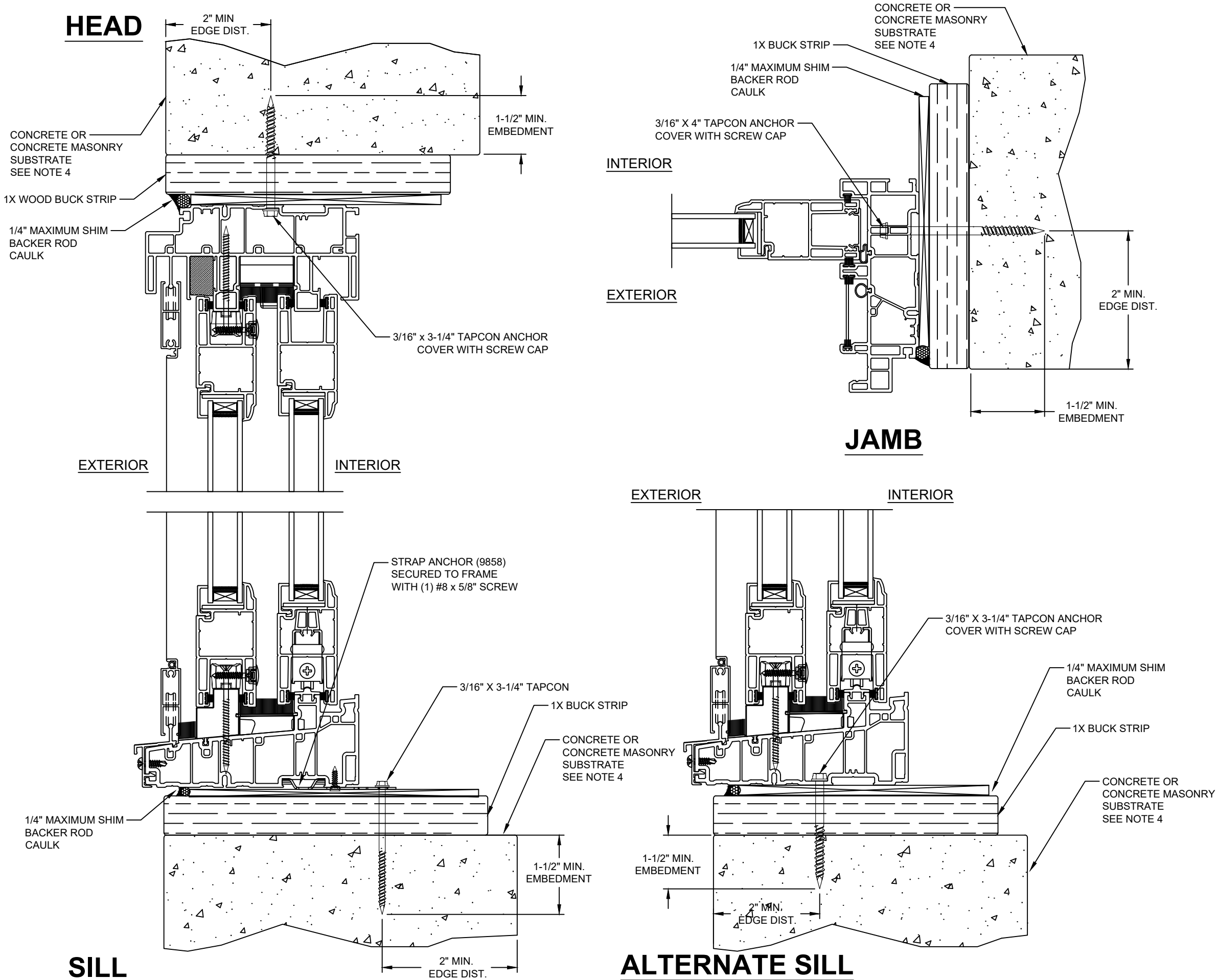
702 W. Market St.
Gratz, PA 17030

Drawing No.: 27488.15-1002
Project No.: 27488.15-107-16
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Sheet 4 of 10

Note:
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NOTE:
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IF SILL INSTALLED TO STEEL STUD, SEE SHEETS 5 AND 9

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**1615/1617 Sliding Door - Impact
Frame Install to Concrete or CMU**

MI Windows and Doors

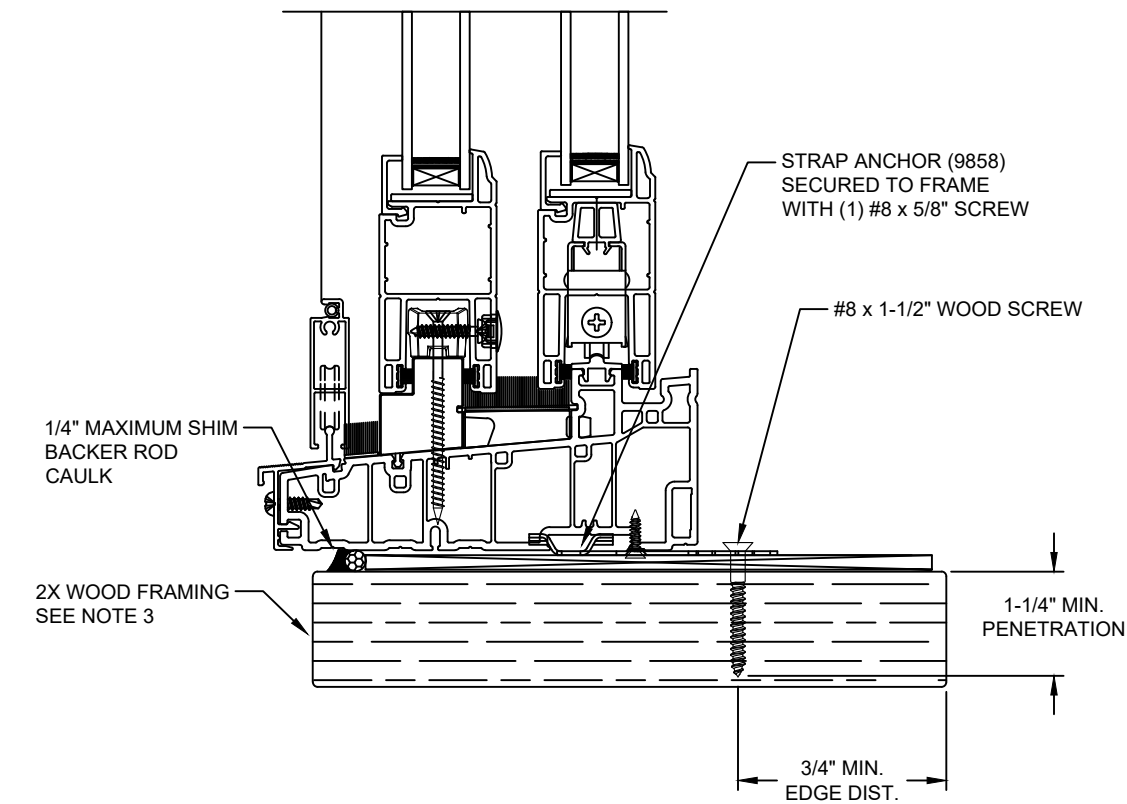
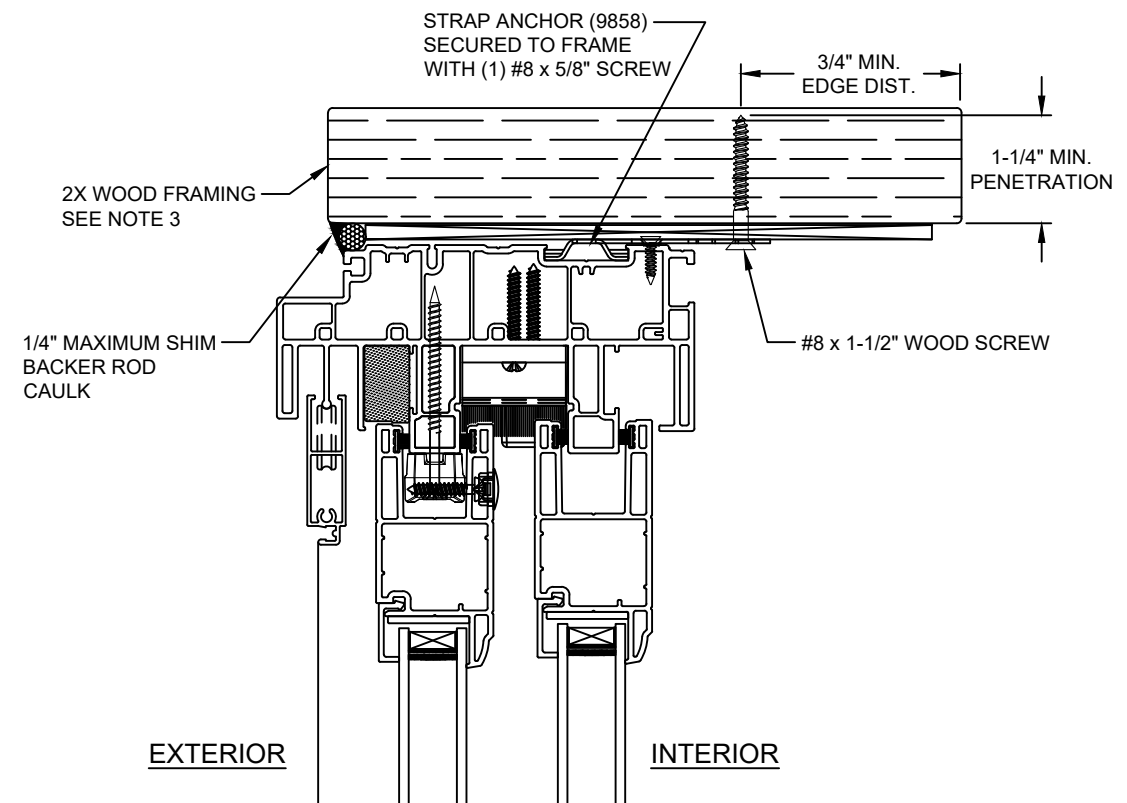
702 W. Market St.
Gratz, PA 17030

Drawing No.: 27488.15-1002
Project No.: 27488.15-107-16
Drawn By: MDS Rev: 1 Date: 3/18/24

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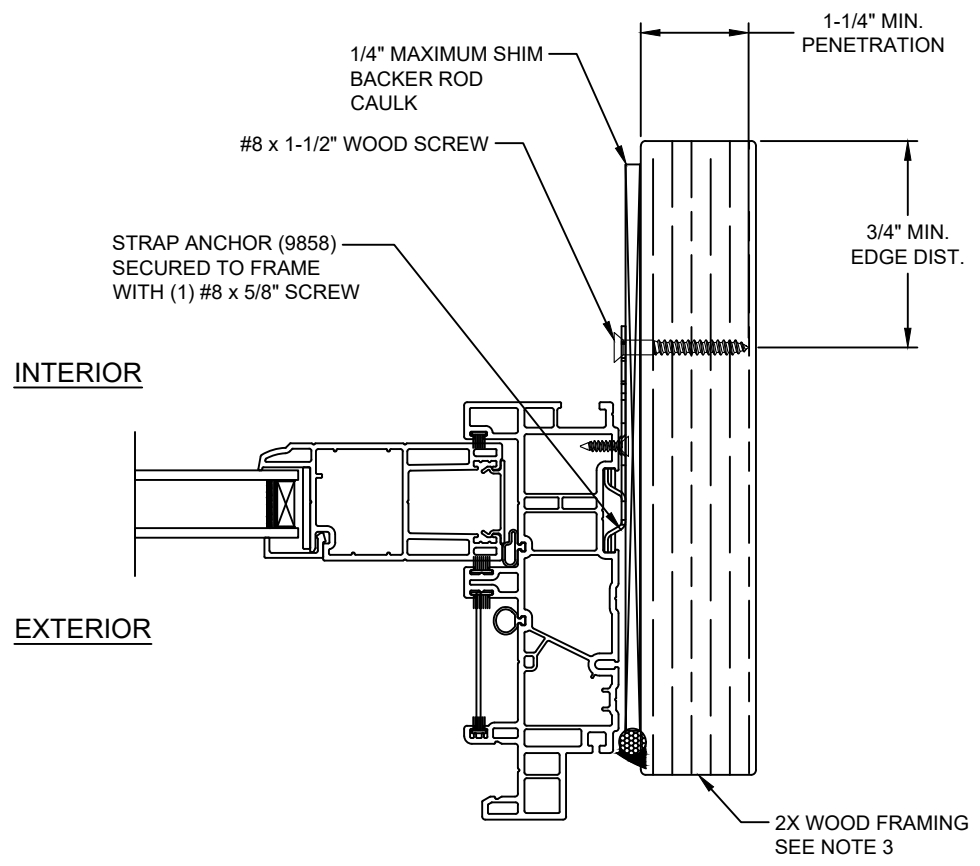
Sheet 5 of 10

HEAD



SILL

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



JAMB

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1615/1617 Sliding Door - Impact
Strap Install to Wood

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

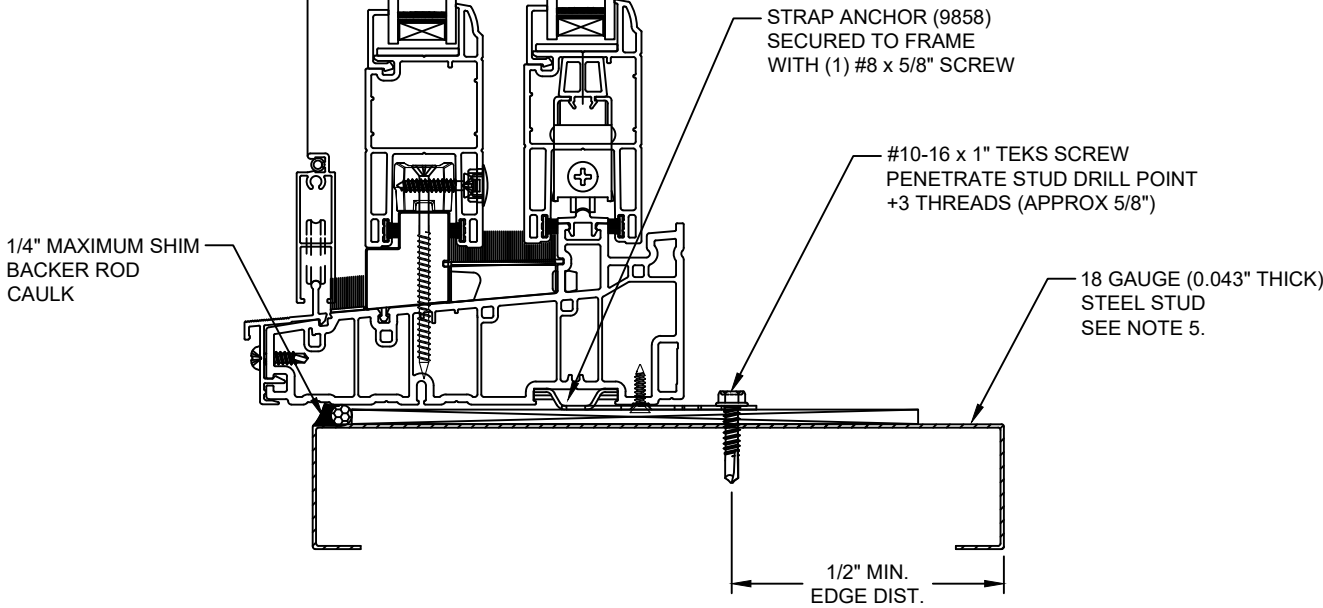
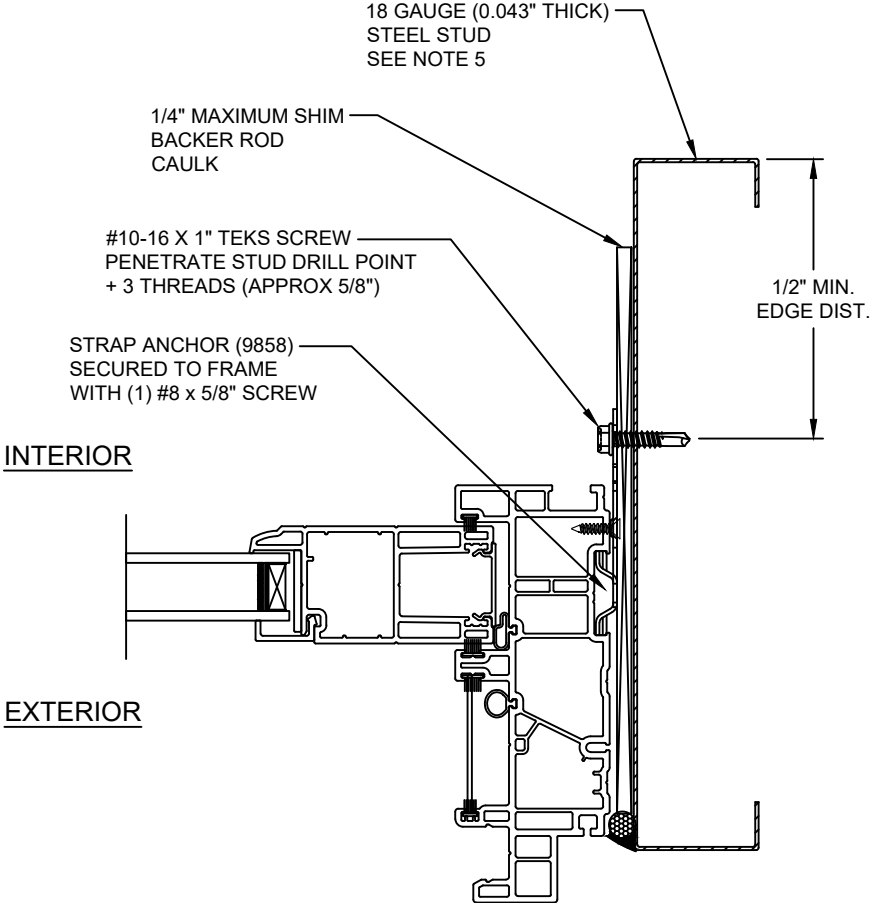
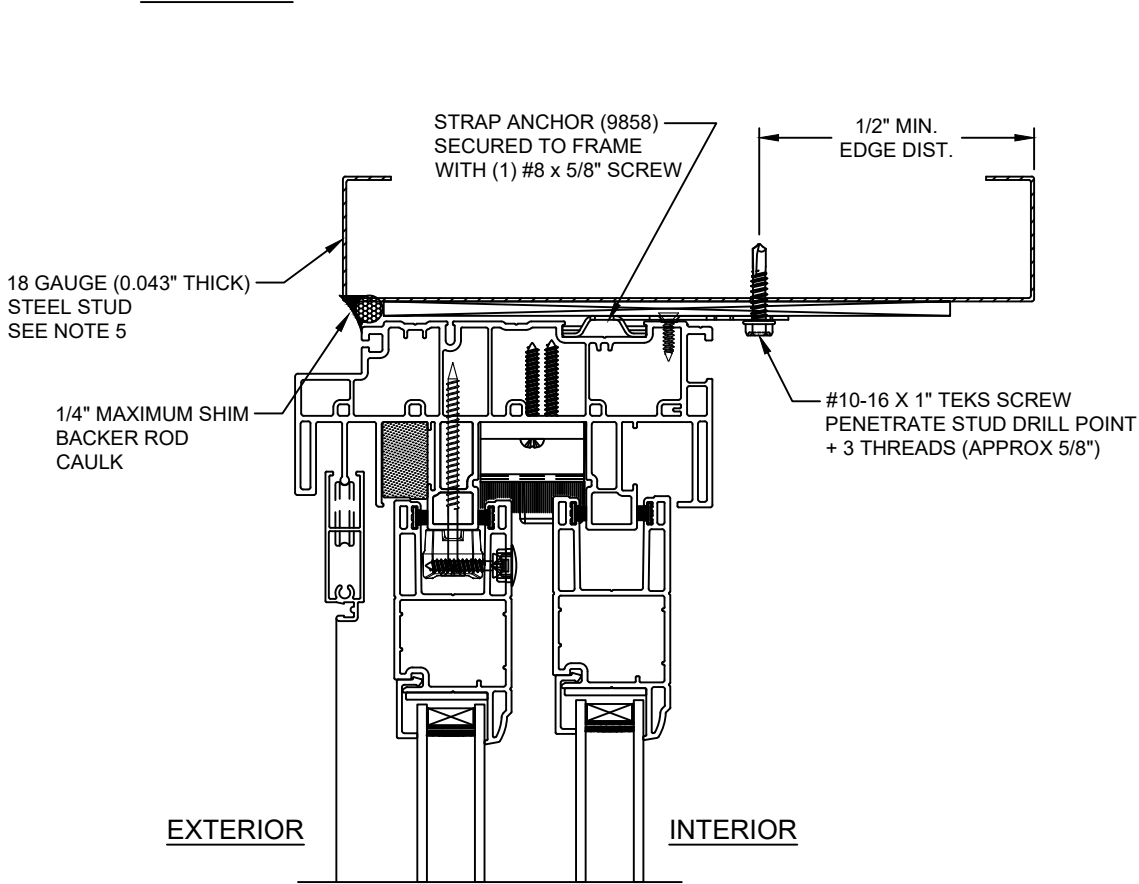
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Drawn By: MDS Rev: 1 Date: 3/18/24

Scale: NTS

Sheet 6 of 10

Note:
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SILL

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1615/1617 Sliding Door - Impact
Strap Install to Steel Stud

MI Windows and Doors

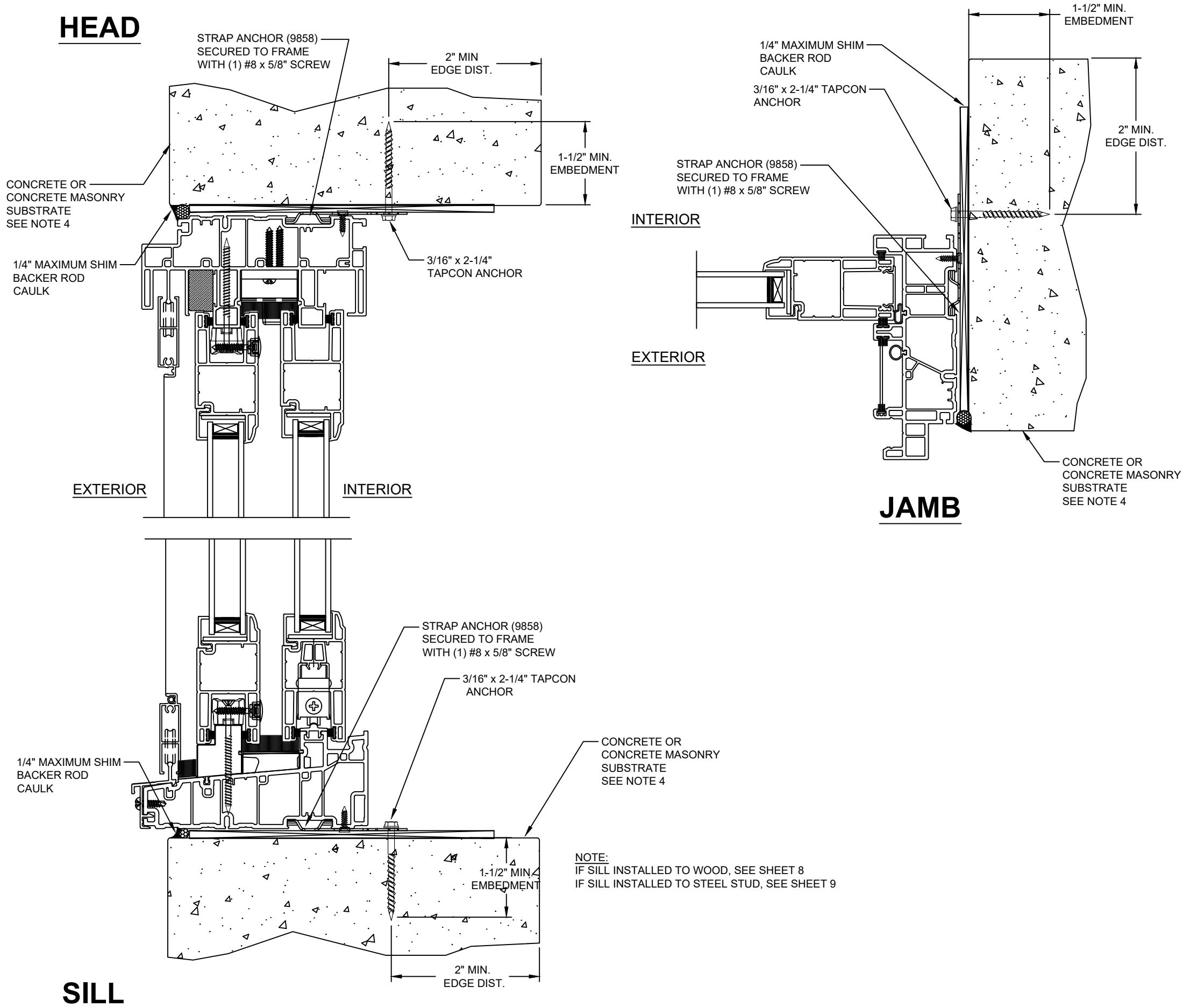
702 W. Market St.
Gratz, PA 17030

Drawing No.: 27488.15-1002
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Sheet 7 of 10

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**1615/1617 Sliding Door - Impact
Strap Install to Concrete or CMU**

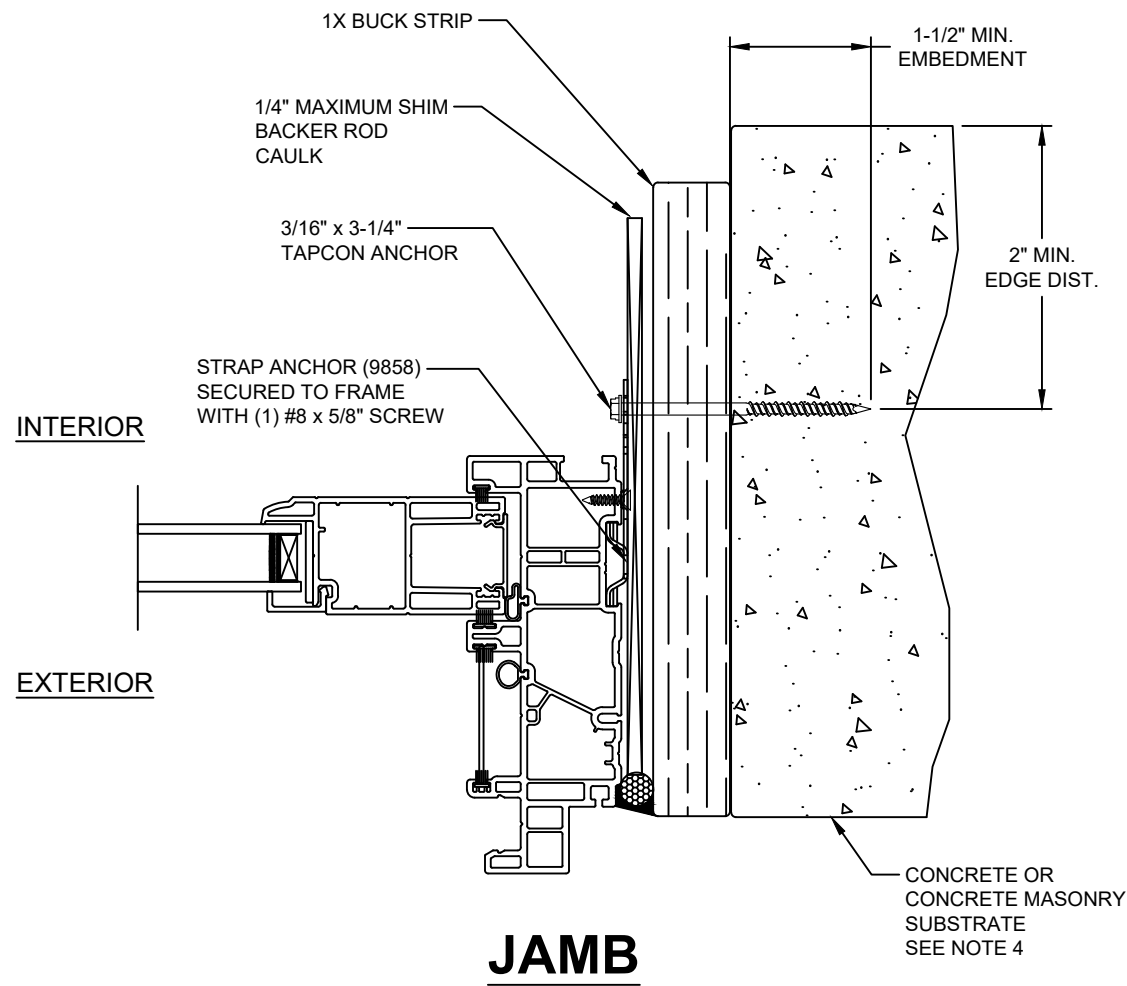
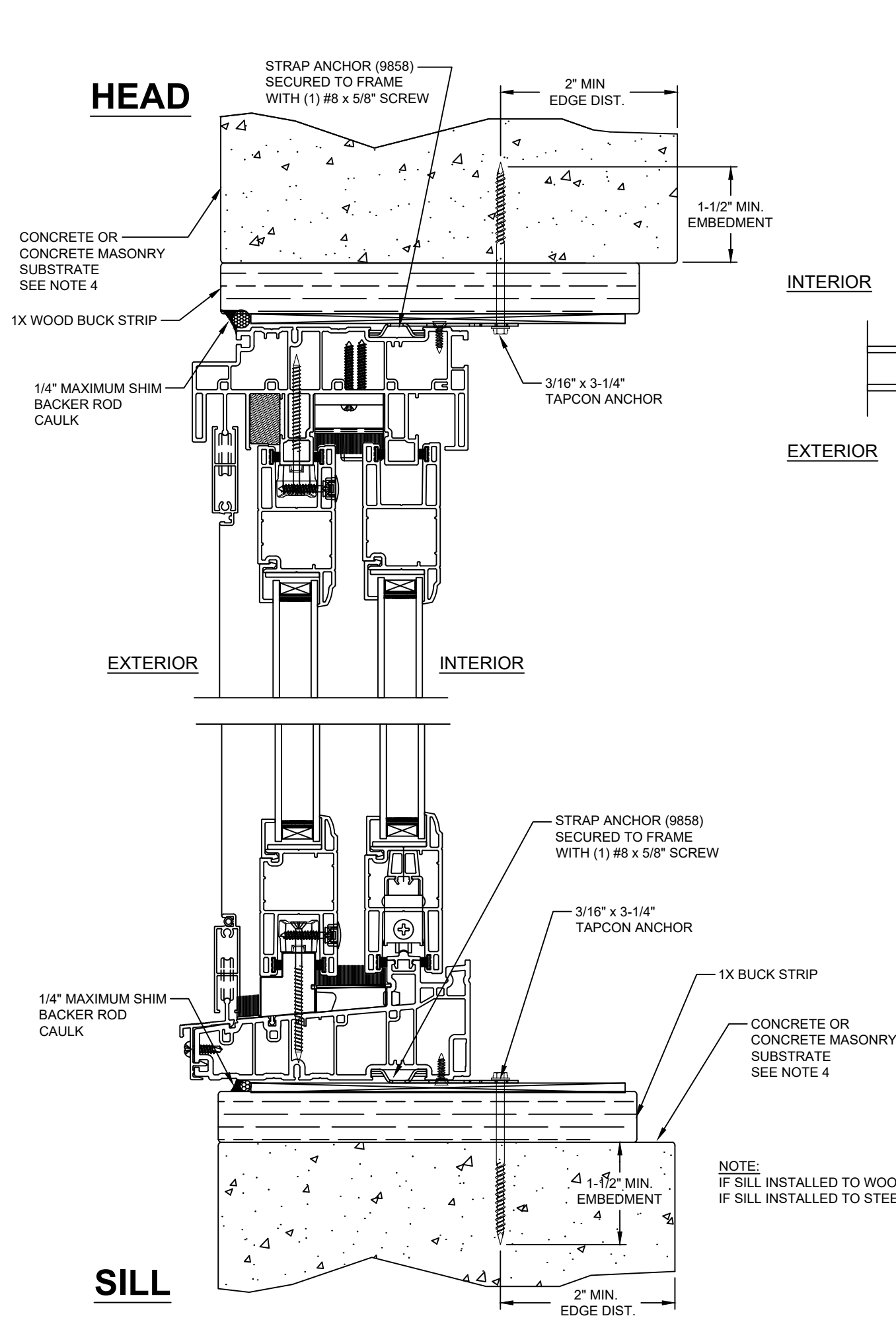
MI Windows and Doors

702 W. Market St.
Gratz, PA 17030

Drawing No.: 27488.15-1002
Project No.: 27488.15-107-16
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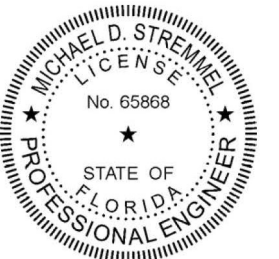
Sheet 8 of 10



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**1615/1617 Sliding Door - Impact
Strap Install to Concrete or CMU**

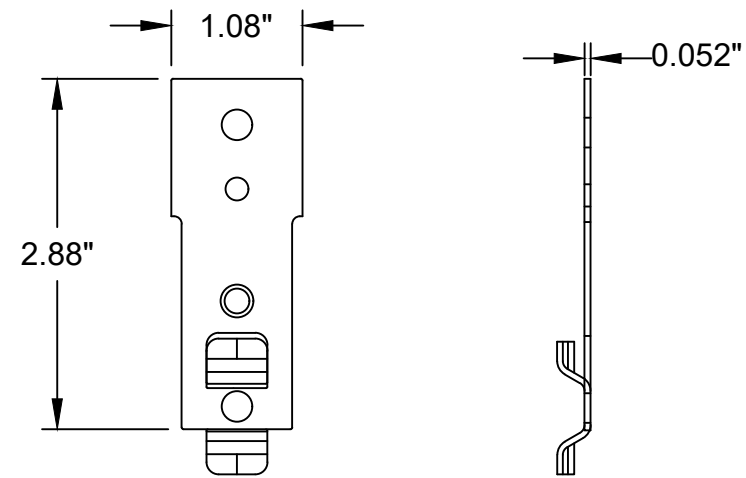
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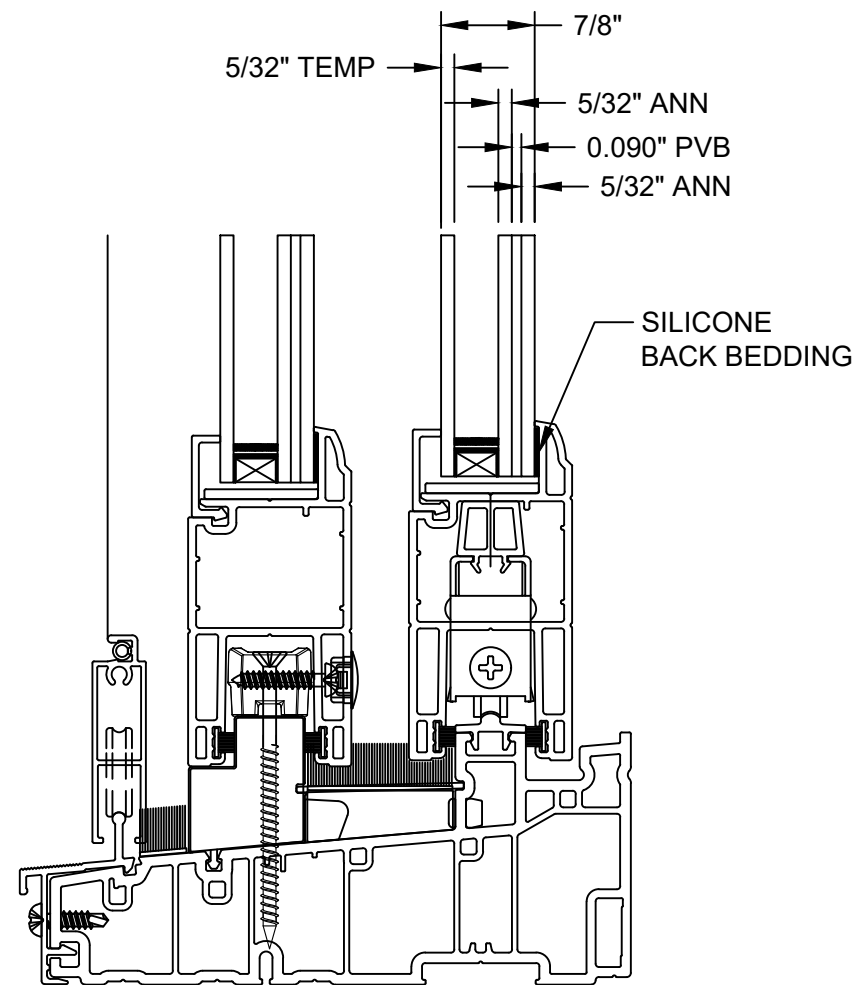
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Project No.: 27488.15-107-16
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Sheet 9 of 10



STRAP ANCHOR
PART NO. 9858
GALVANIZED STEEL



GLAZING DETAIL

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1615/1617 Sliding Door - Impact Accessories & Glazing

MI Windows and Doors

702 W. Market St.
Gratz, PA 17030

Drawing No.: 27488.15-1002
Project No.: 27488.15-107-16
Drawn By: MDS Rev: 1 Date: 3/18/24

Scale: NTS

Sheet 10 of 10