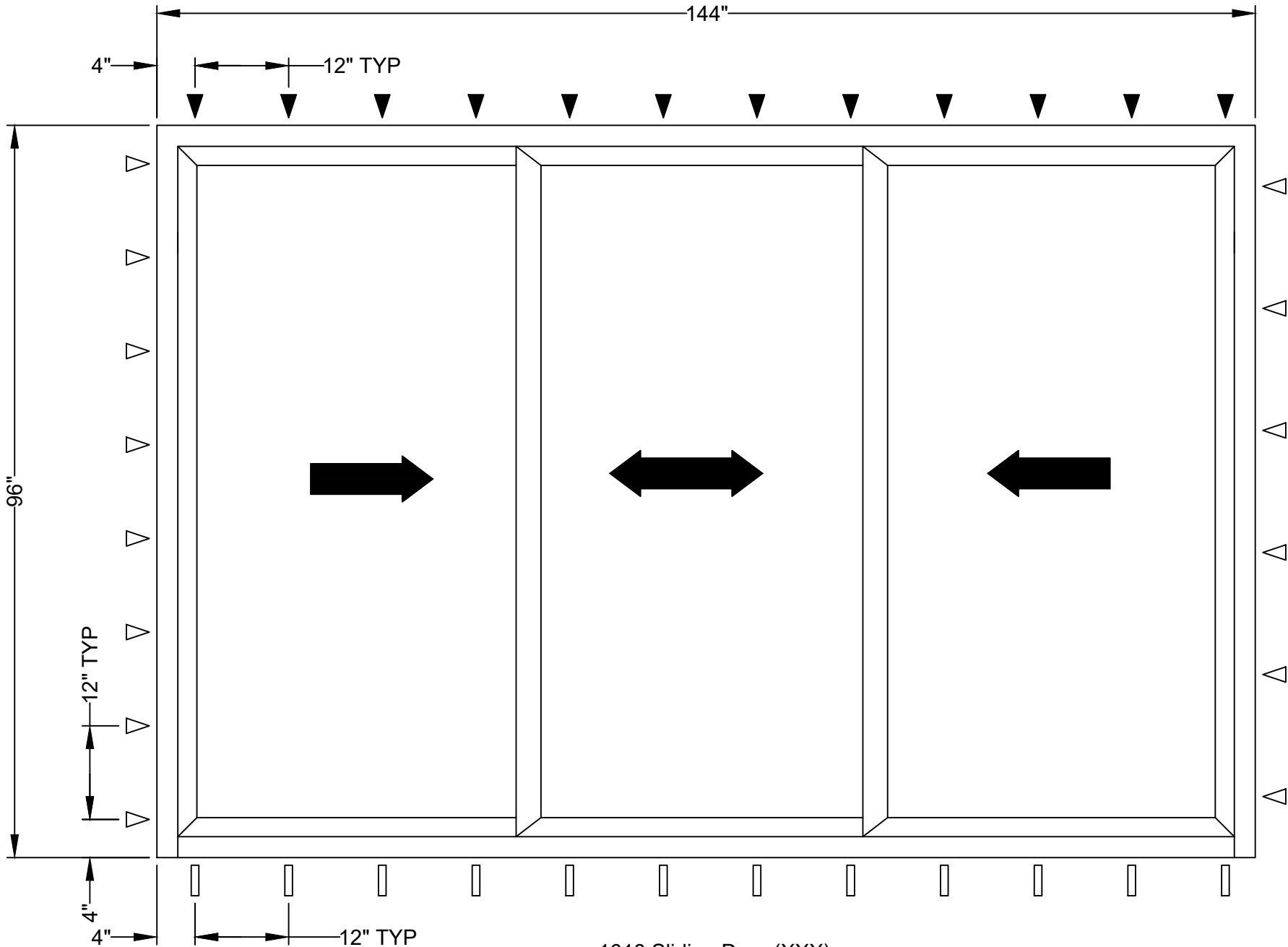




1618 Sliding Door (XXX)
Maximum Size: 144" x 96"
Design Pressure: +50/-50 psf
Missile D - Wind Zone 3

△ THROUGH FRAME ANCHOR
SEE SHEETS 2 TO 9

▲ THROUGH FRAME ANCHOR PAIR
SEE SHEETS 2 TO 9

□ STRAP ANCHOR
SEE SHEETS 2 TO 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. Per Florida Building Code 1709.5.1, door assemblies installed in areas where overhang ratio is equal or greater than 1.0 do not require water infiltration resistance.
Overhang ratio = overhang length/overhang height.
13. Not for use in High Velocity Hurricane Zone (HVHZ).

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FL REG 37122
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York, PA 17402
717-916-6300



2023.12.12 08:34:39 -05'00'

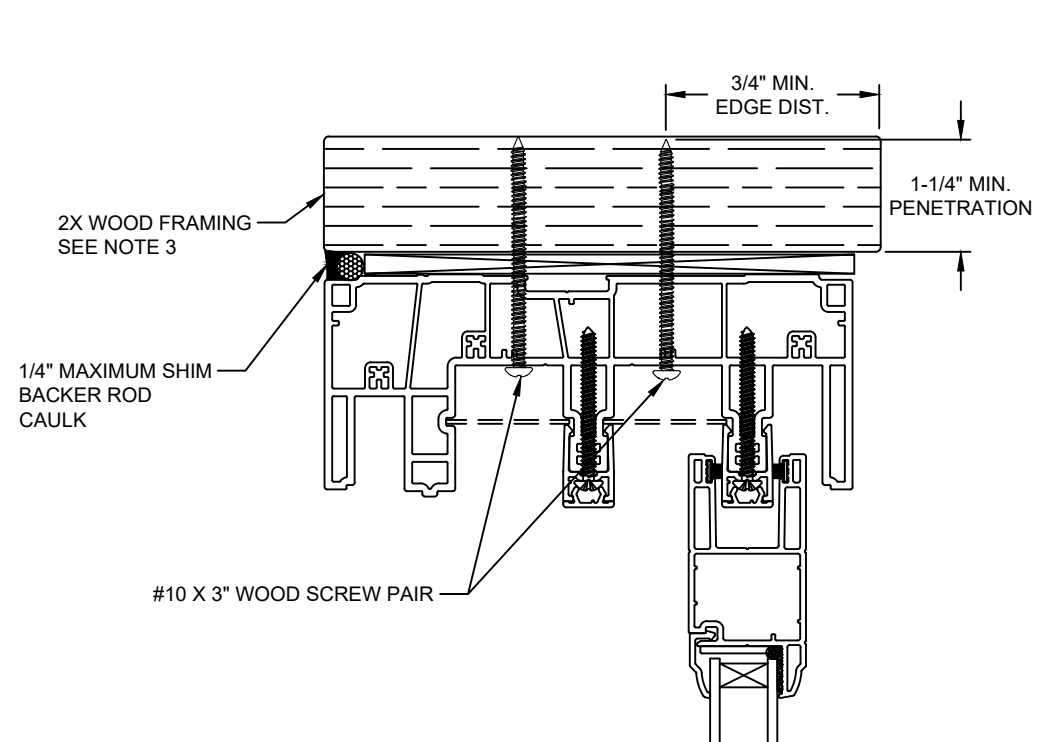
Michael D. Stremmel

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

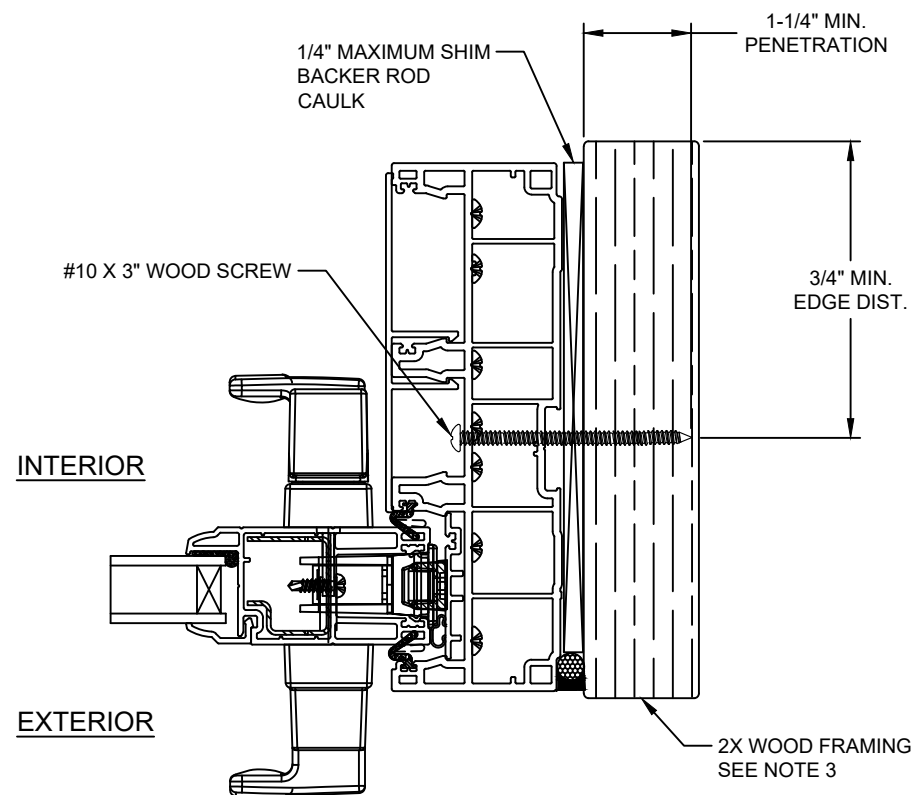
1618 Sliding Door - Impact Elevations and Notes	
MI Windows and Doors 702 W. Market St. Gratz, PA 17030	
Drawing No.: 27488.12-1001 Project No.: 27488.12-107-16 Drawn By: MDS Rev: - Date: 12/12/23	
Scale: NTS	Sheet 1 of 10

HEAD



EXTERIOR

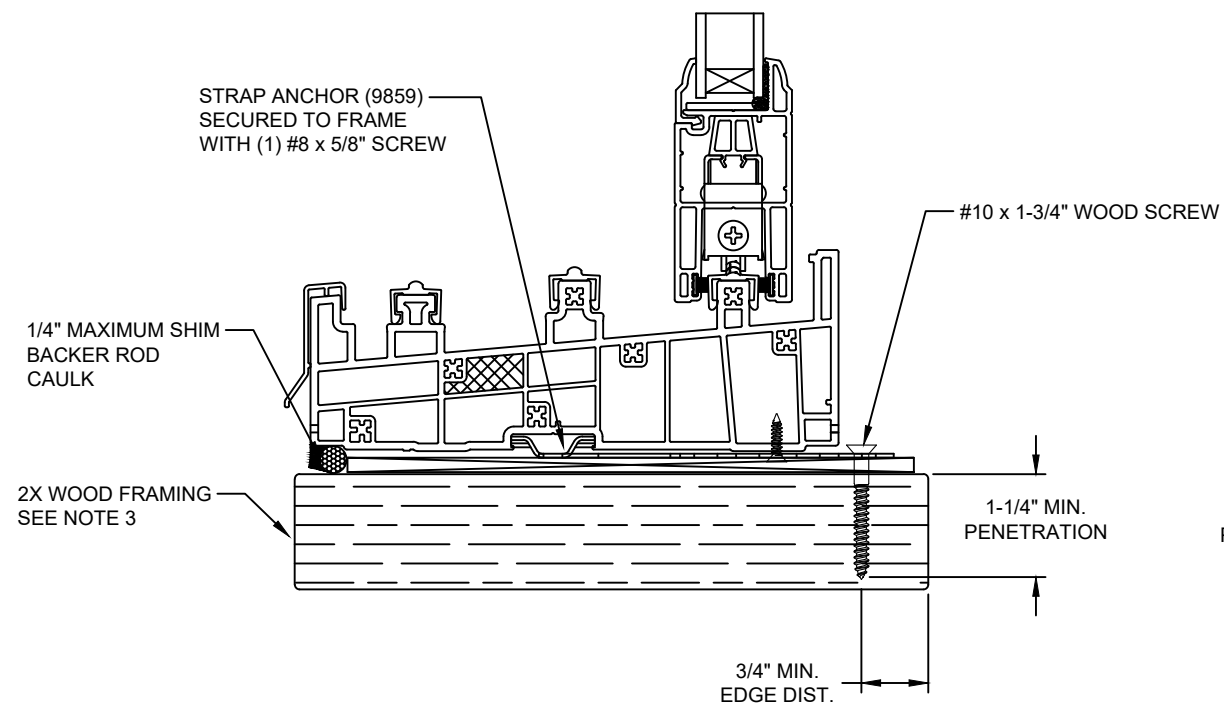
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JAMB

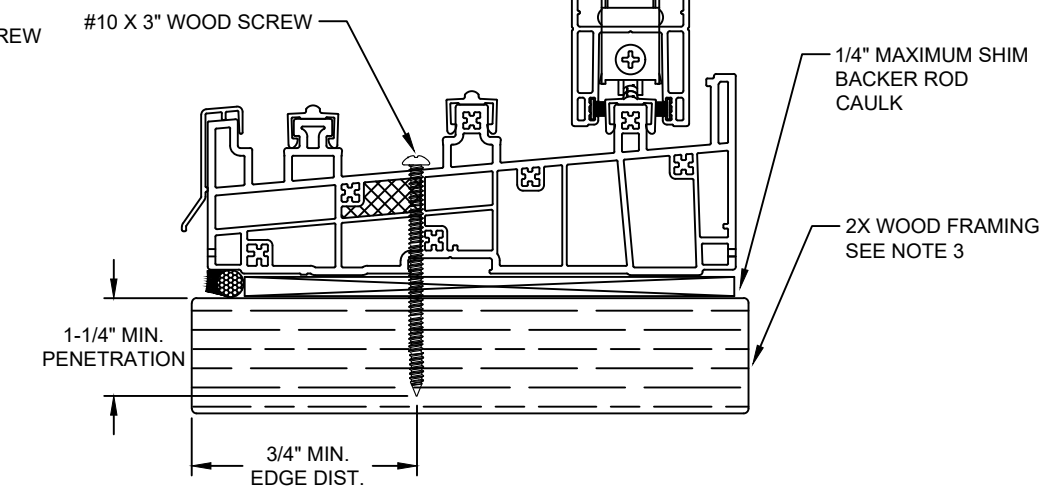
EXTERIOR

INTERIOR



SILL

NOTE:
IF SILL INSTALLED TO STEEL STUD, SEE SHEETS 3 AND 7
IF SILL INSTALLED TO CONCRETE, SEE SHEETS 4, 5, 8, AND 9



ALTERNATE SILL

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

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**1618 Sliding Door - Impact
Frame Install to Wood**

MI Windows and Doors

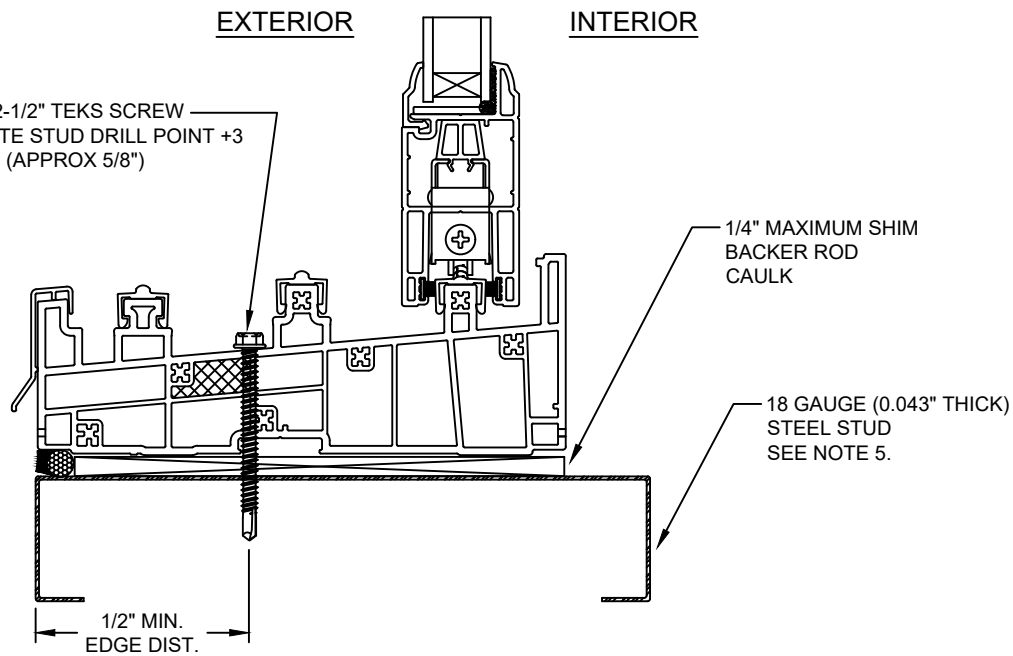
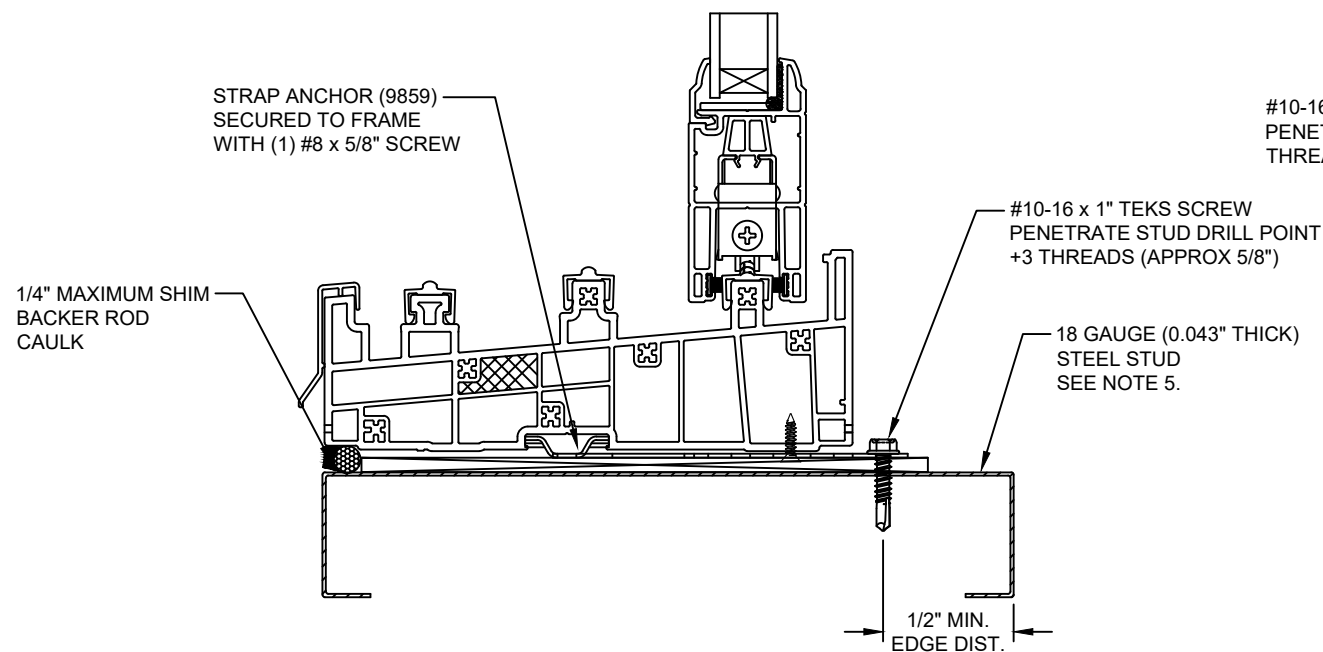
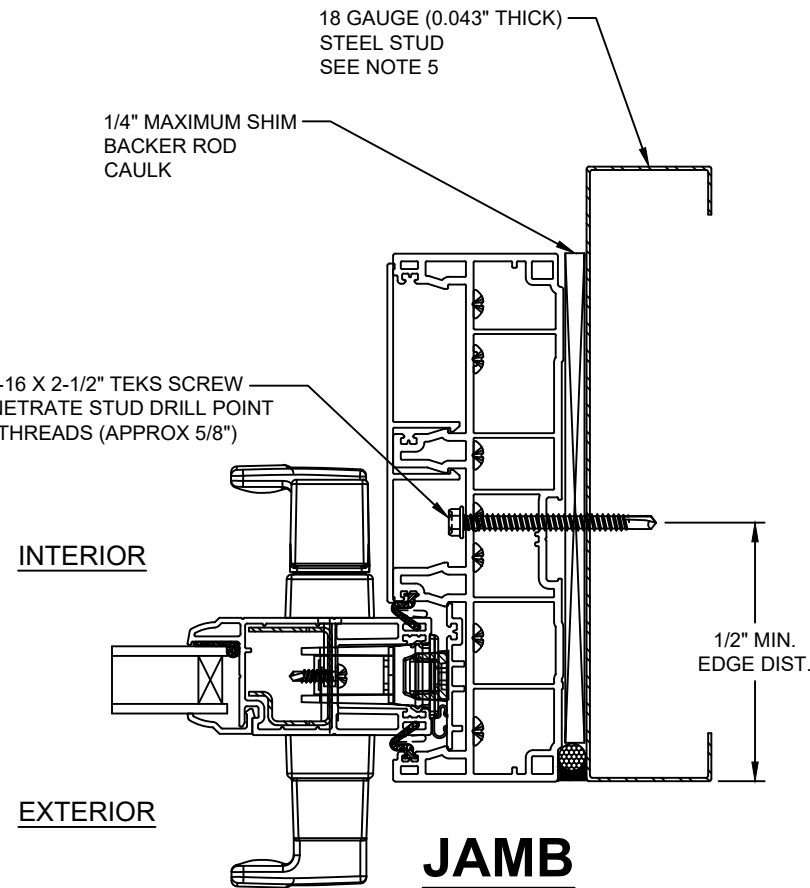
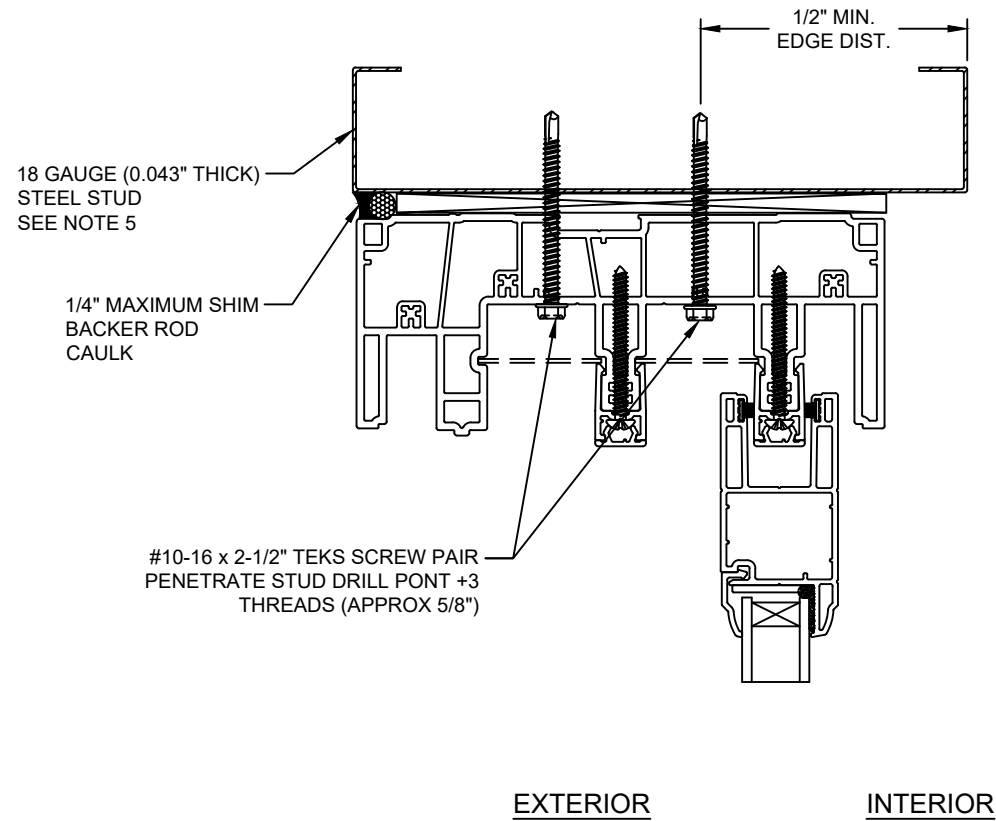
702 W. Market St.
Gratz, PA 17030

Drawing No.: 27488.12-1001
Project No.: 27488.12-107-16
Drawn By: MDS Rev: - Date: 12/12/23

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Sheet 2 of 10

HEAD



SILL

NOTE:
IF SILL INSTALLED TO WOOD, SEE SHEETS 2 AND 6
IF SILL INSTALLED TO CONCRETE, SEE SHEETS 4, 5, 8 AND 9

ALTERNATE SILL

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1618 Sliding Door - Impact
Frame Install to Steel Stud

MI Windows and Doors
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Gratz, PA 17030

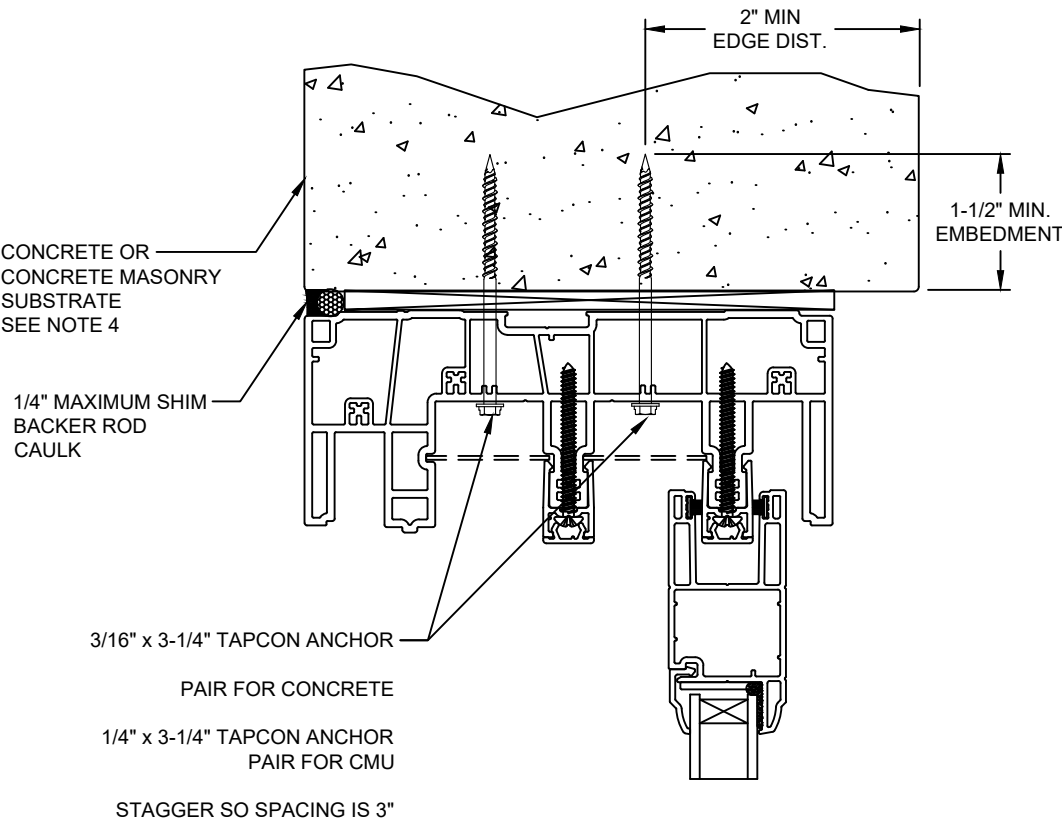
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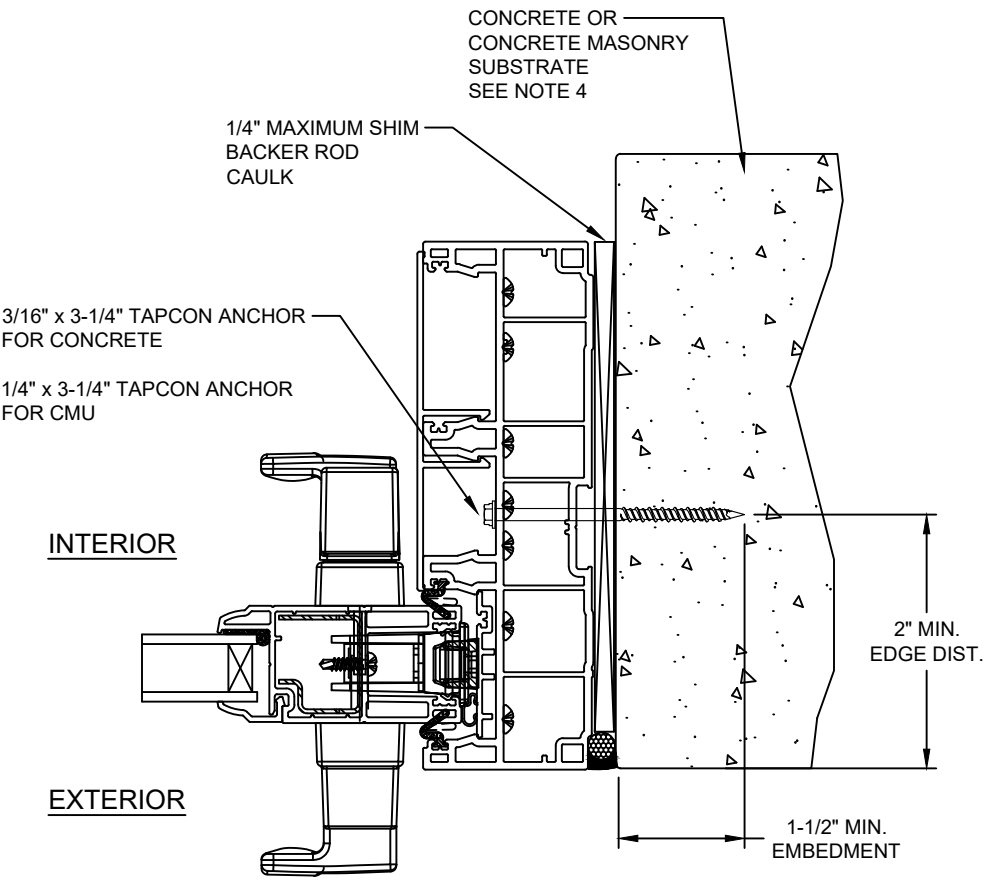
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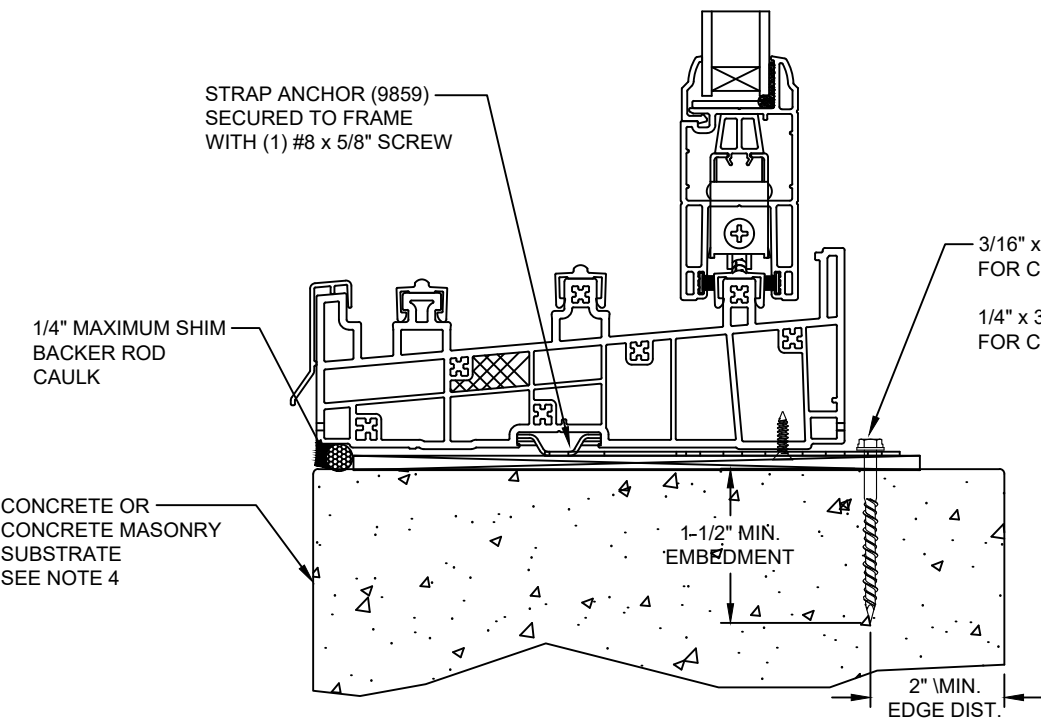
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EXTERIOR INTERIOR

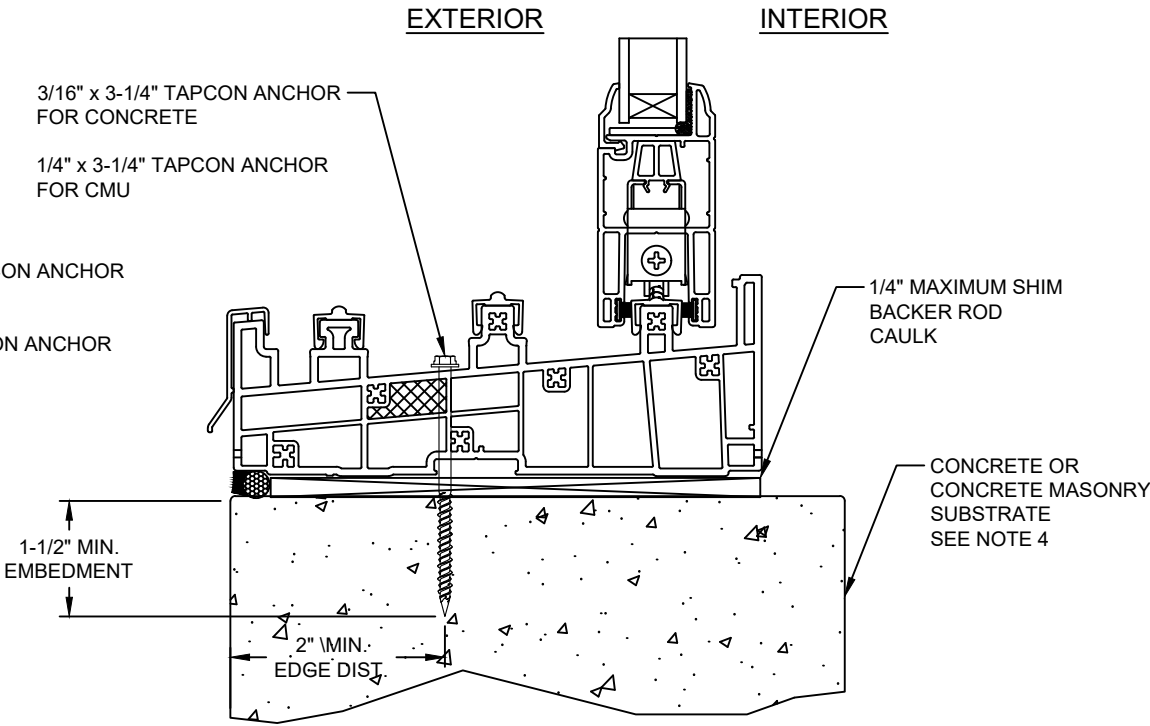


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SILL

NOTE:
IF SILL INSTALLED TO WOOD, SEE SHEETS 2 AND 6
IF SILL INSTALLED TO STEEL STUD, SEE SHEETS 3 AND 7



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MICHAEL D. STREMMEL
LICENSE
No. 65868
STATE OF FLORIDA
PROFESSIONAL ENGINEER

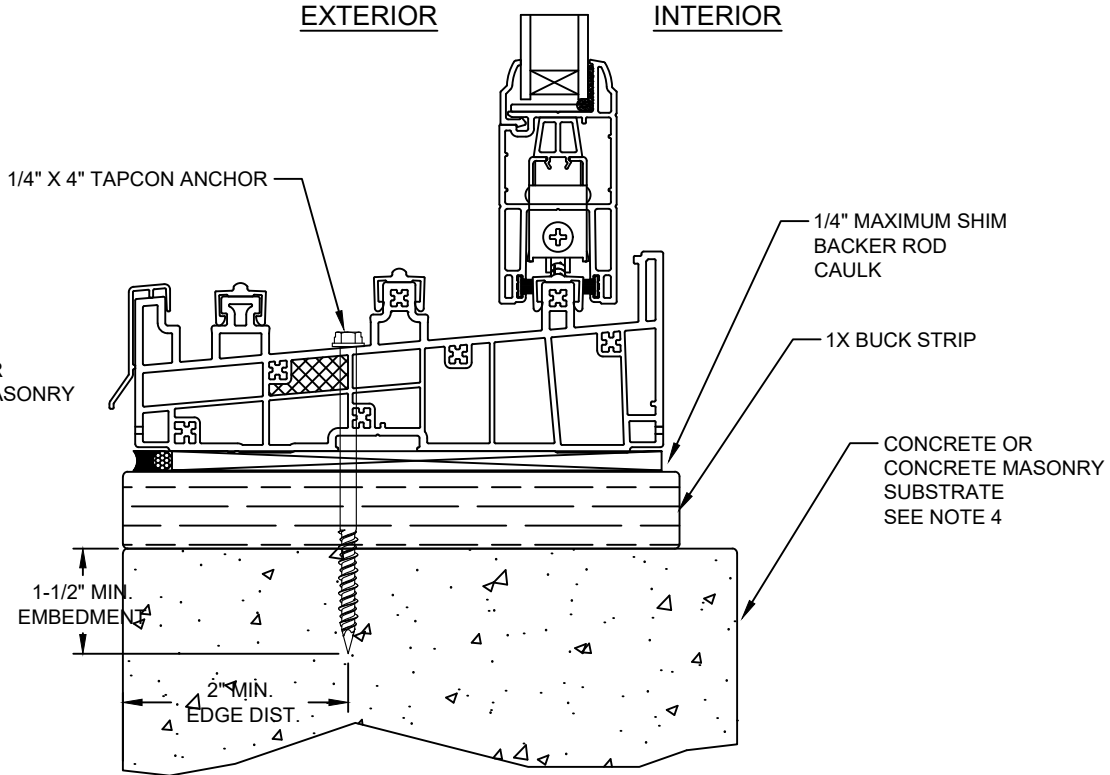
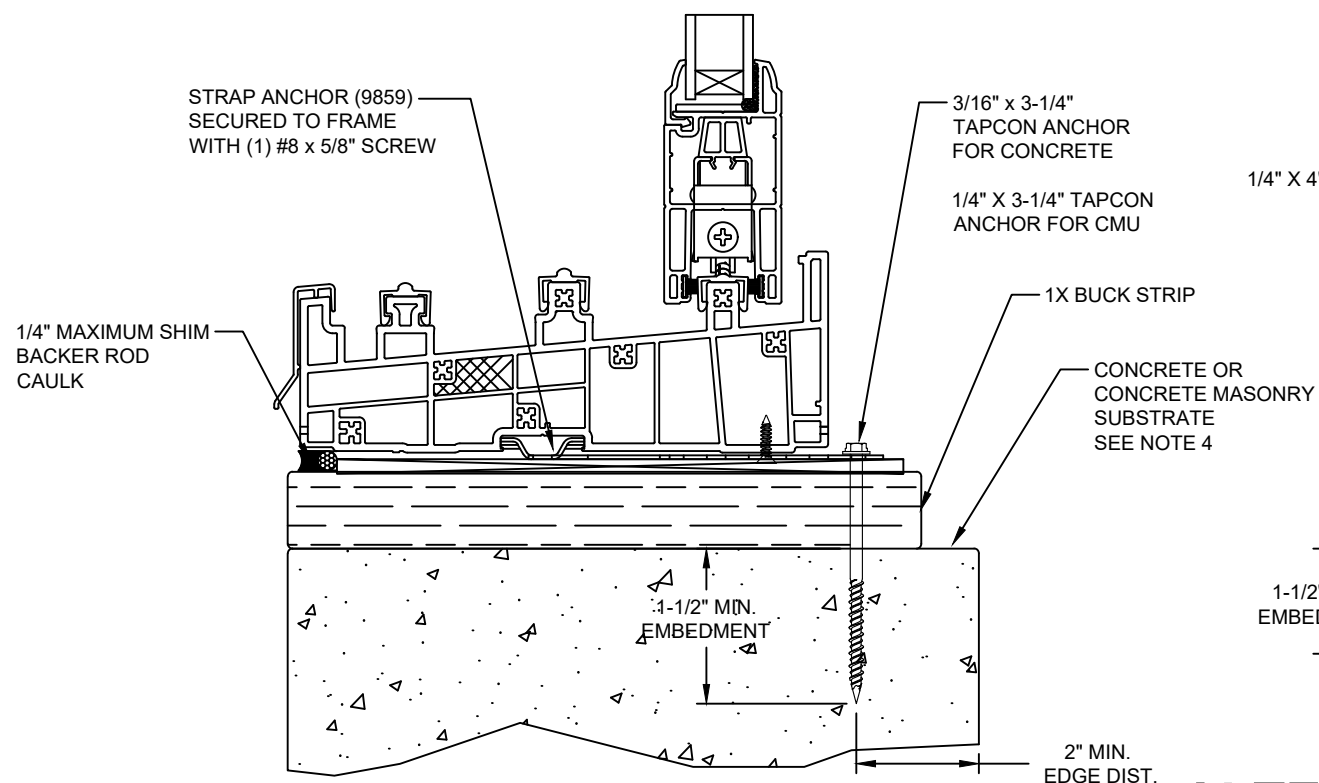
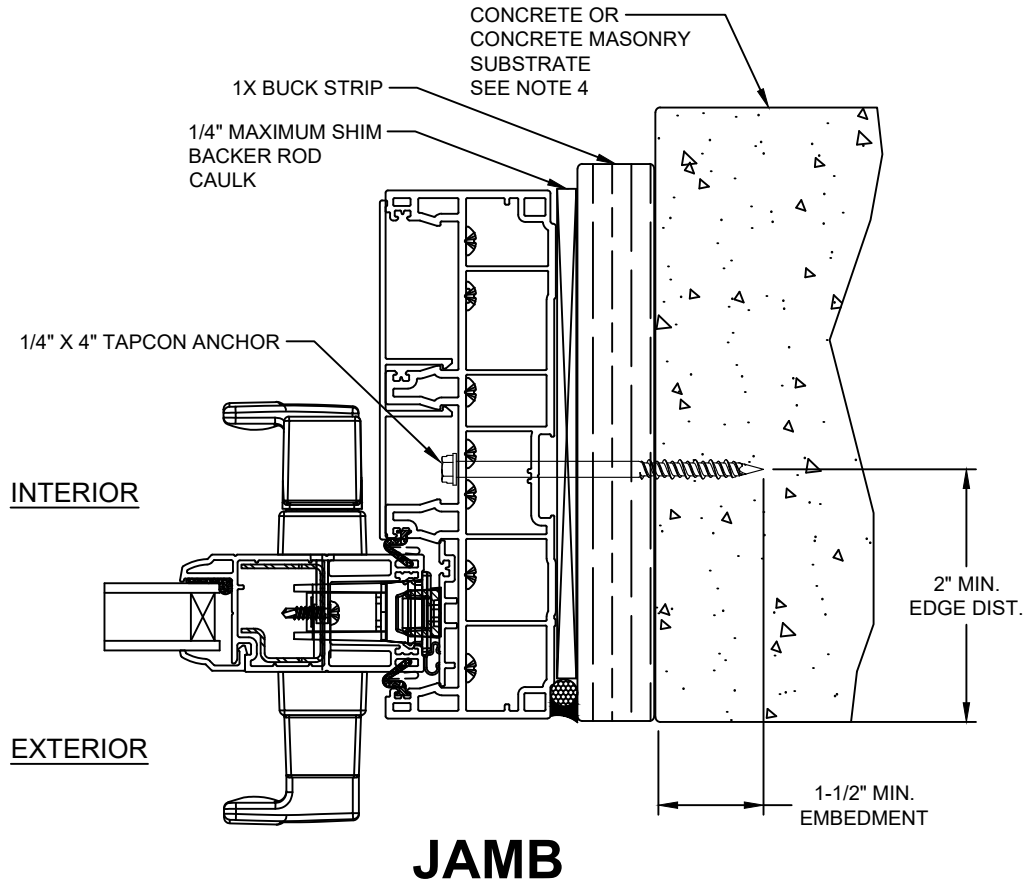
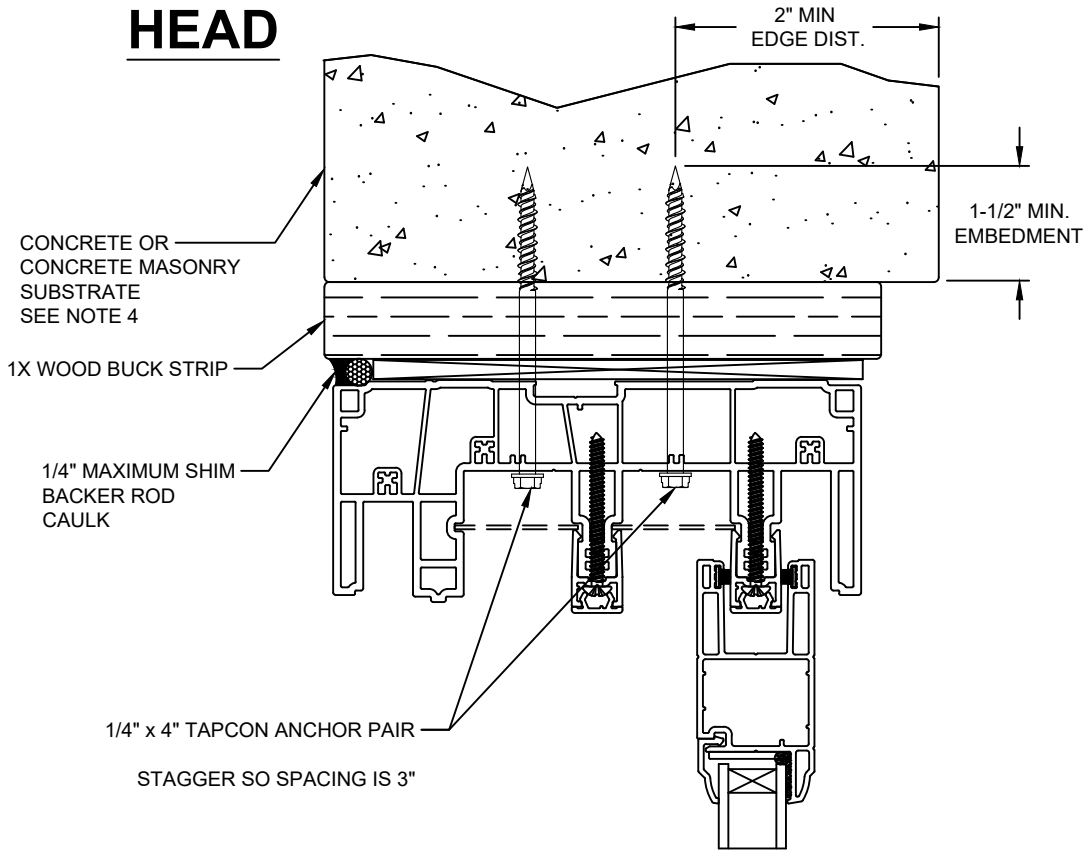
1618 Sliding Door - Impact
Frame Install to Concrete or CMU

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

Drawing No.: 27488.12-1001
Project No.: 27488.12-107-16
Drawn By: MDS Rev: - Date: 12/12/23

Scale: NTS Sheet 4 of 10

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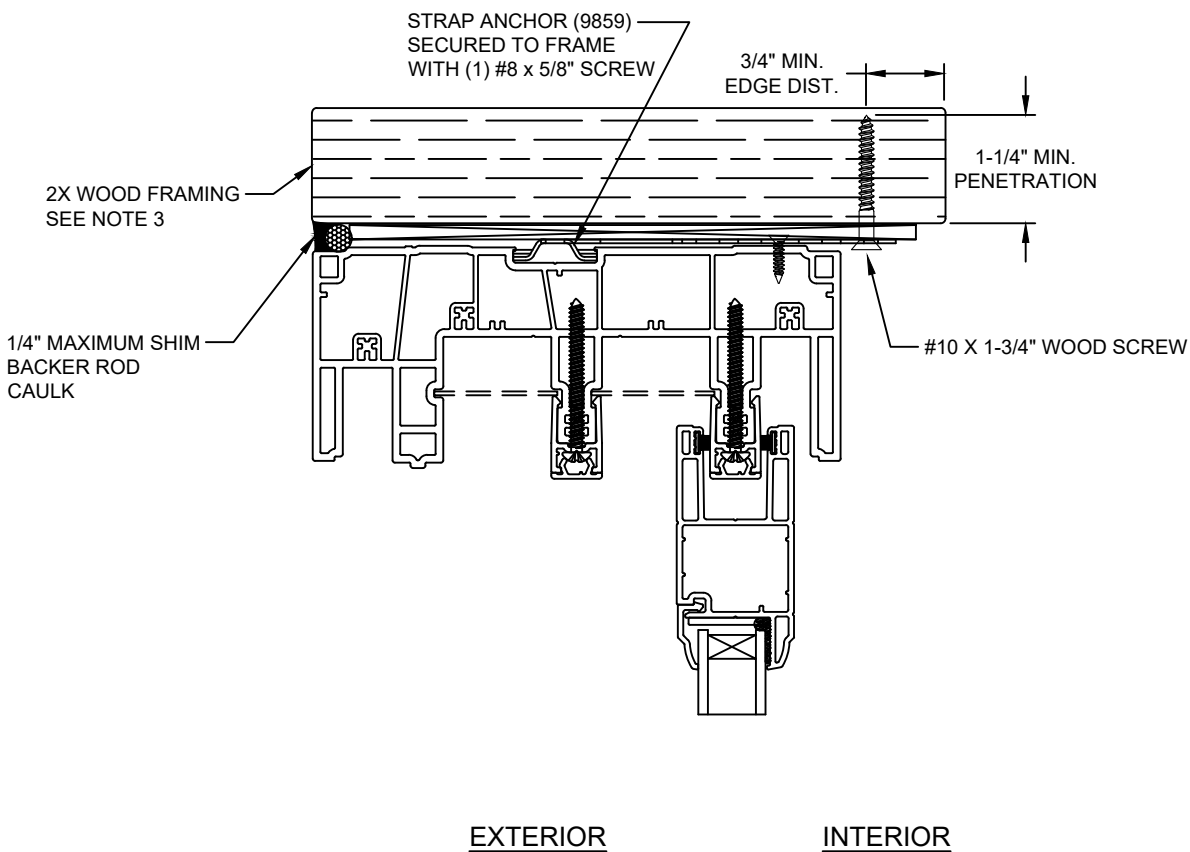
MI Windows and Doors
702 W. Market St.
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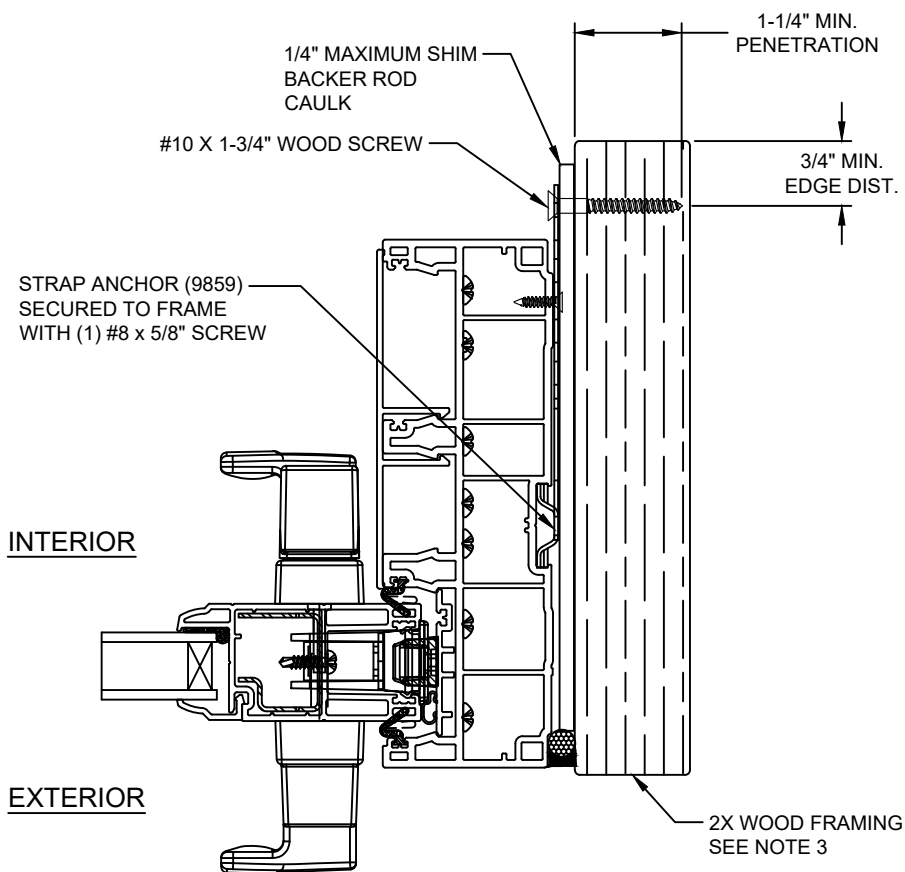
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Sheet 5 of 10

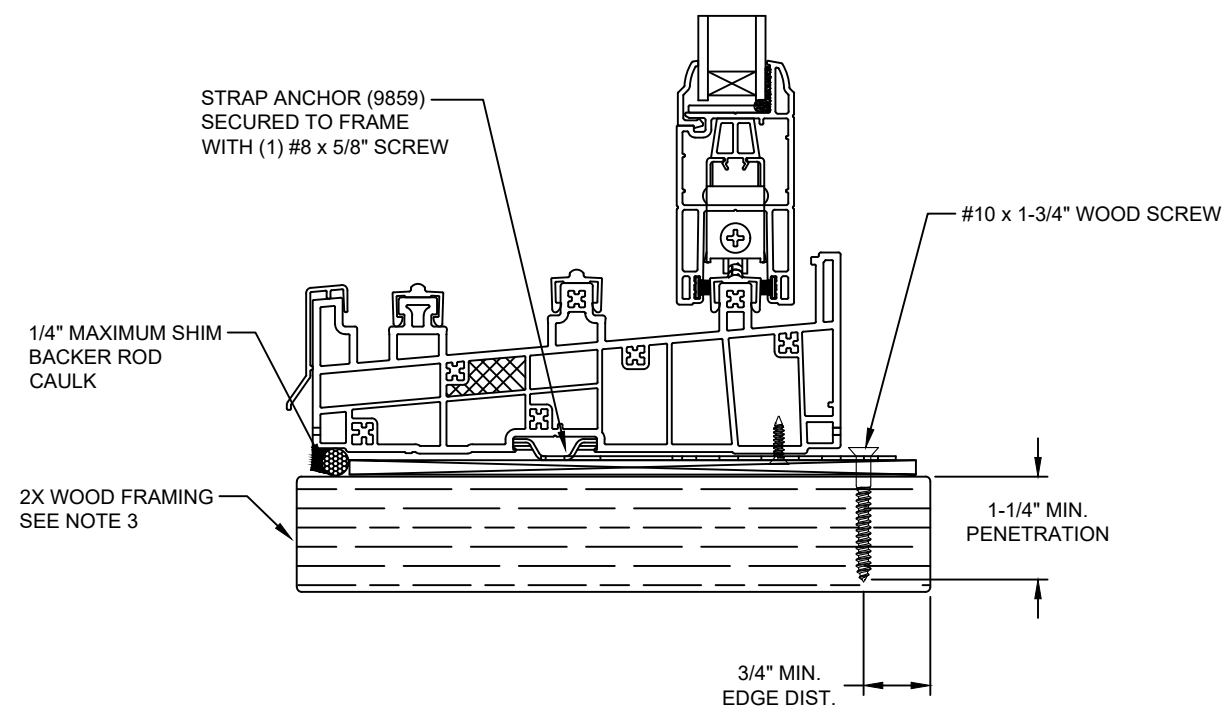
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SILL

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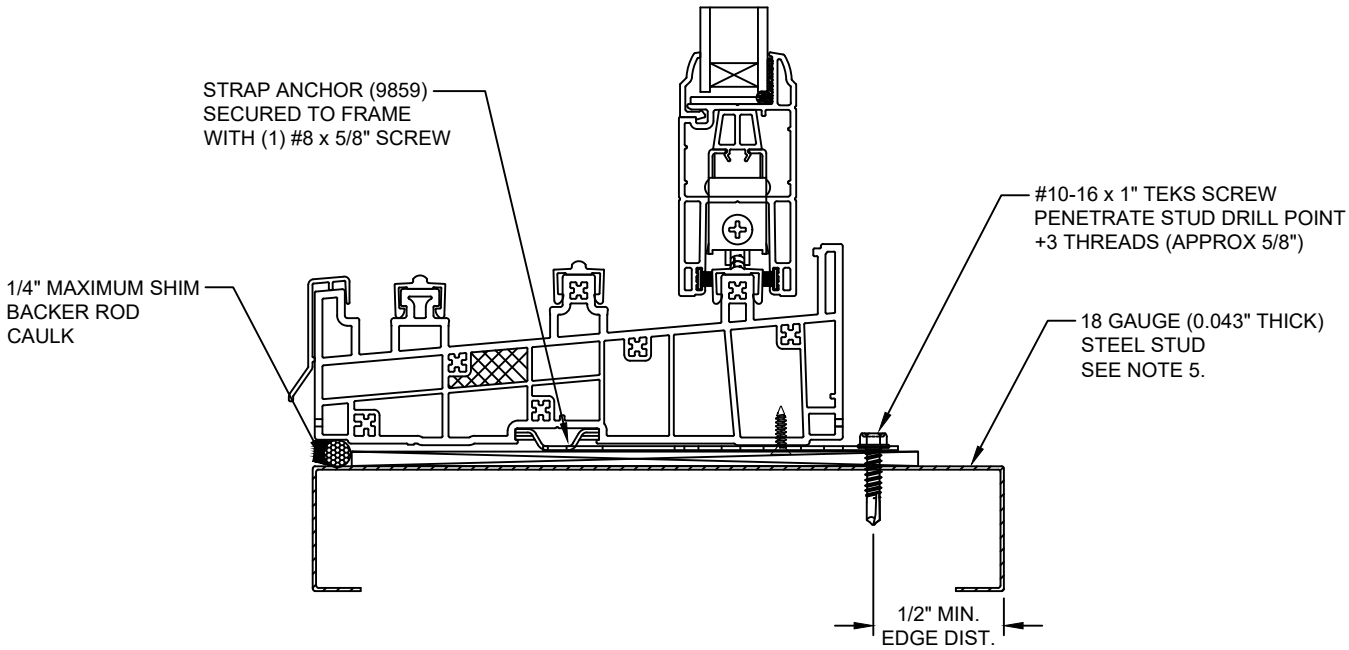
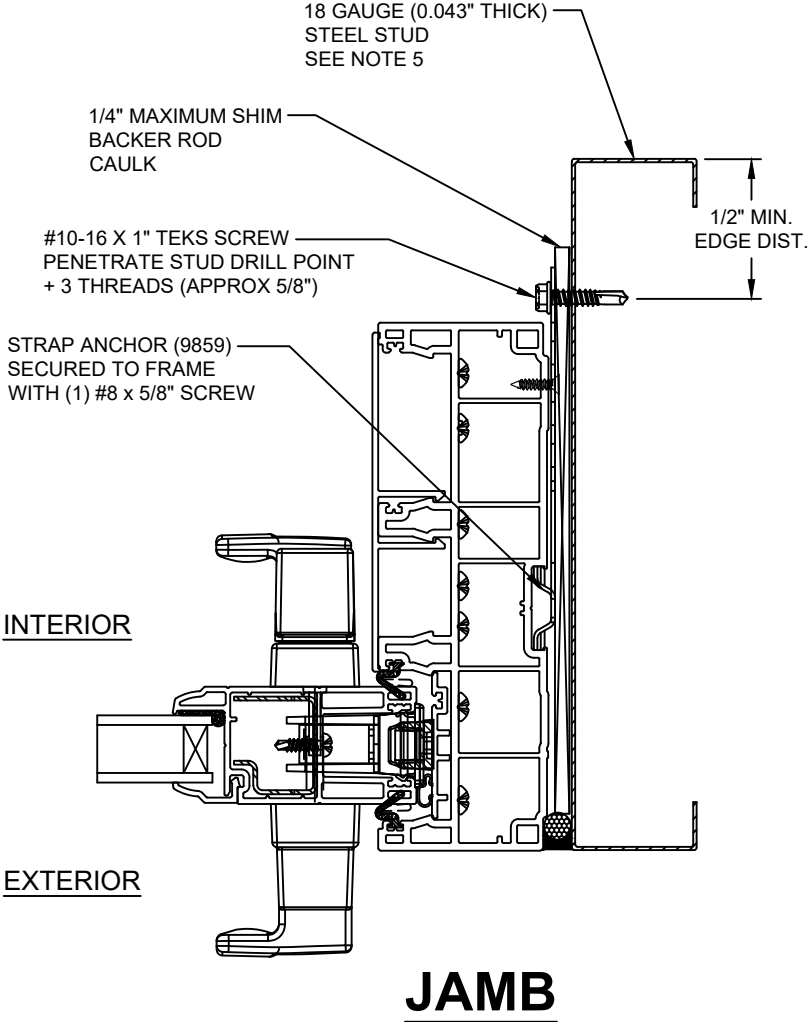
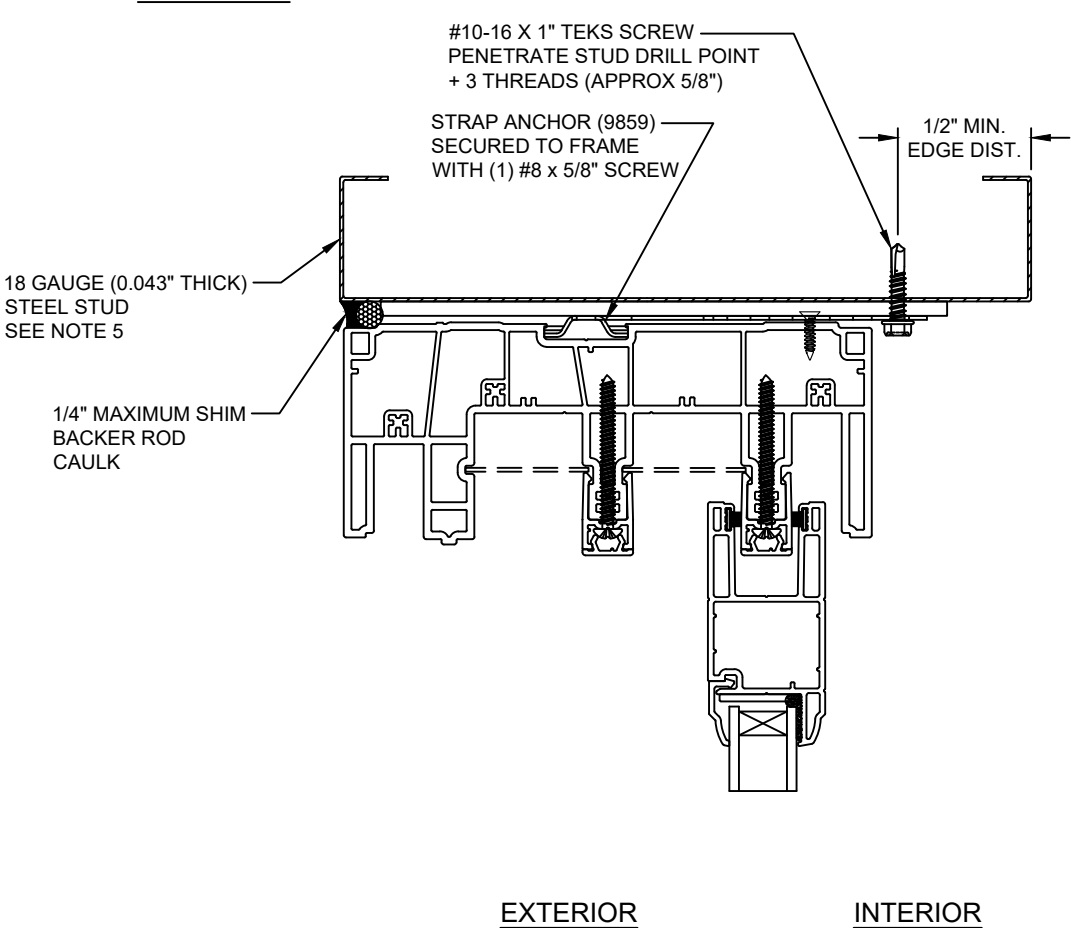
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1618 Sliding Door - Impact Strap Install to Wood	
MI Windows and Doors 702 W. Market St. Gratz, PA 17030	
Drawing No.: 27488.12-1001 Project No.: 27488.12-107-16 Drawn By: MDS Rev: - Date: 12/12/23	
Scale: NTS	Sheet 6 of 10

Note:
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SILL

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1618 Sliding Door - Impact
Strap Install to Steel Stud

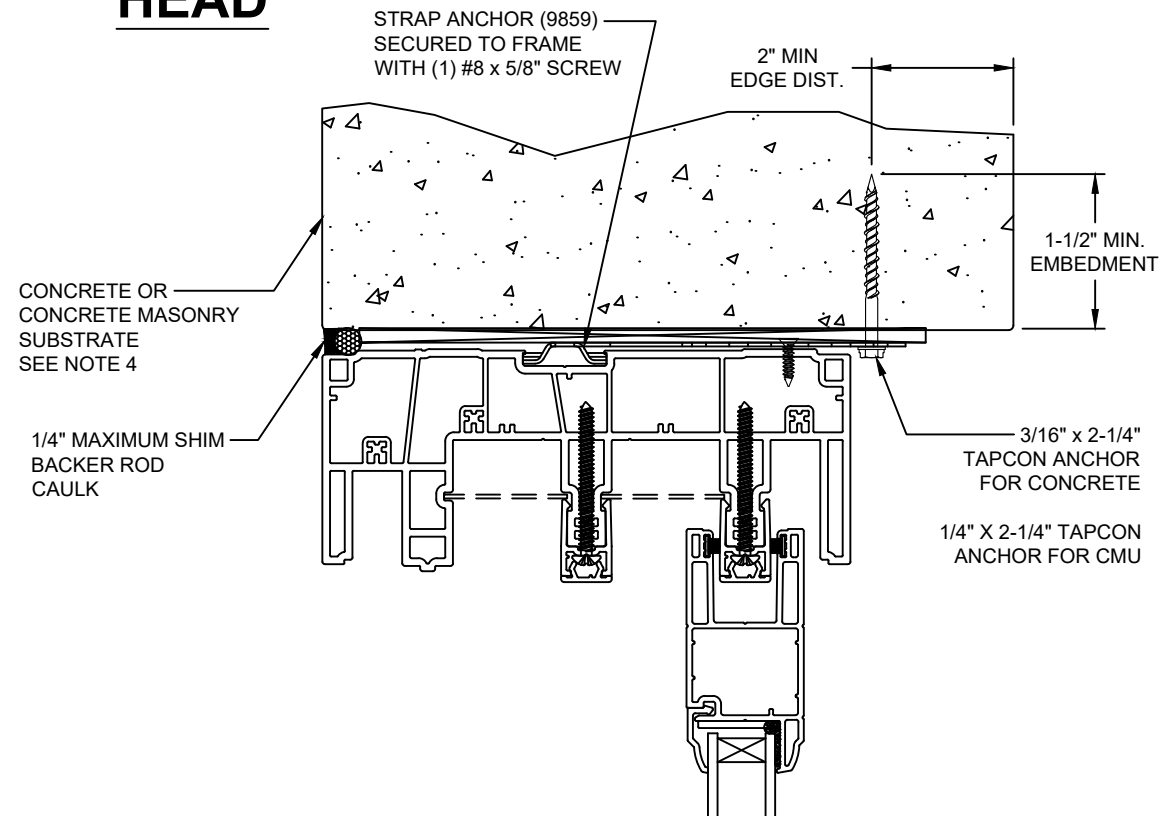
MI Windows and Doors
702 W. Market St.
Gratz, PA 17030

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Sheet 7 of 10

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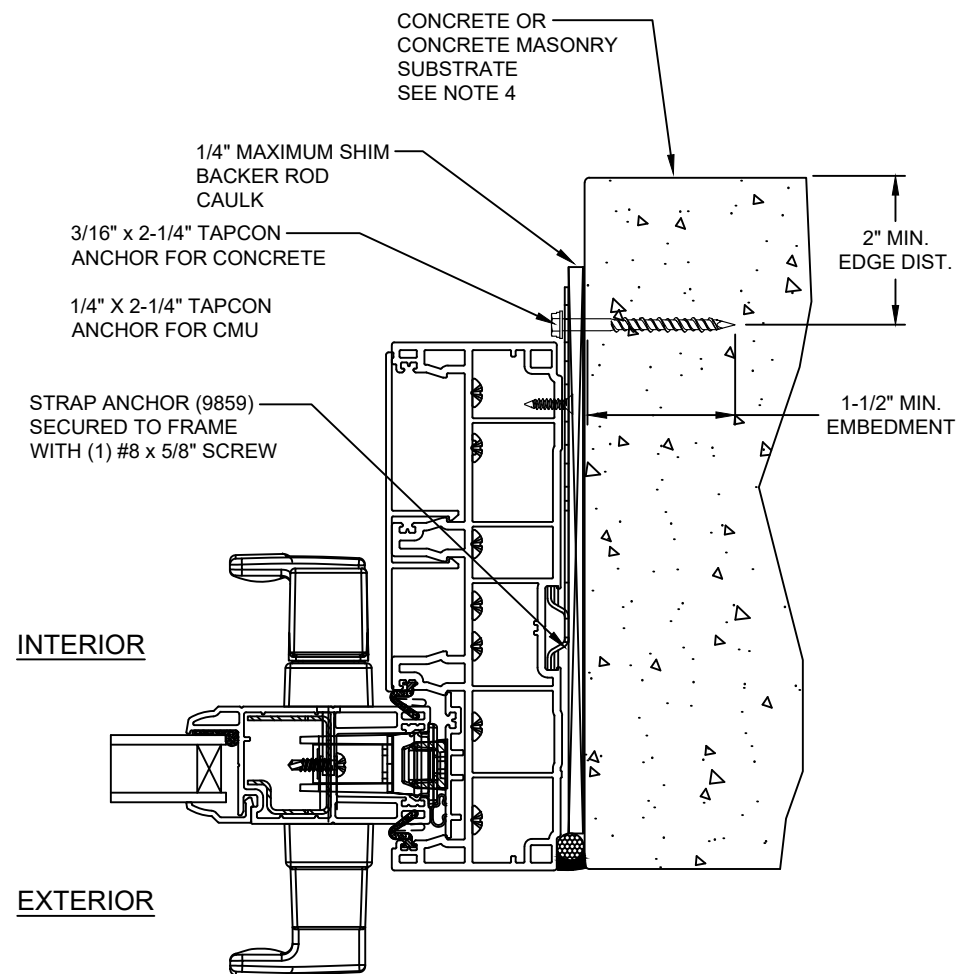
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INTERIOR

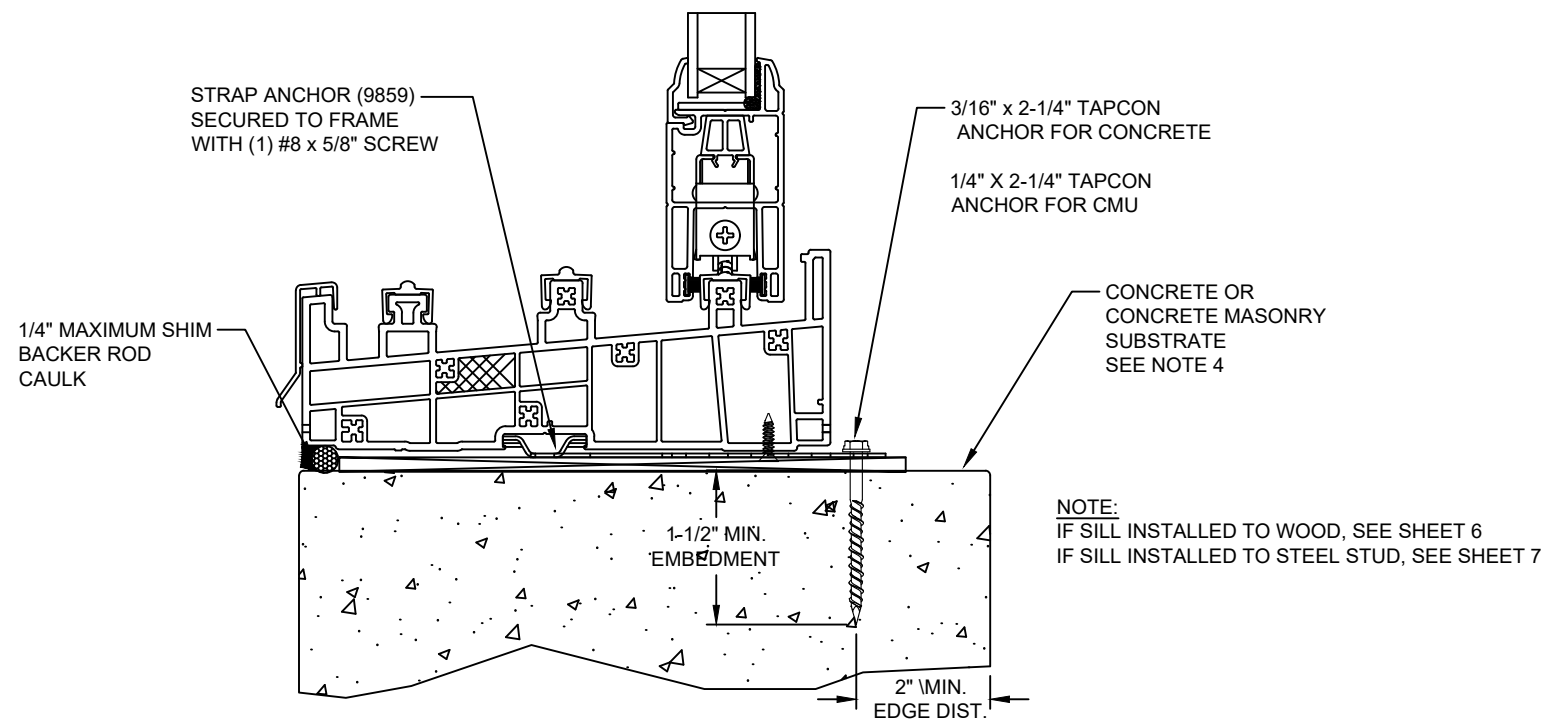
INTERIOR

EXTERIOR

JAMB



Note:
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SILL

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1618 Sliding Door - Impact
Strap Install to Concrete or CMU

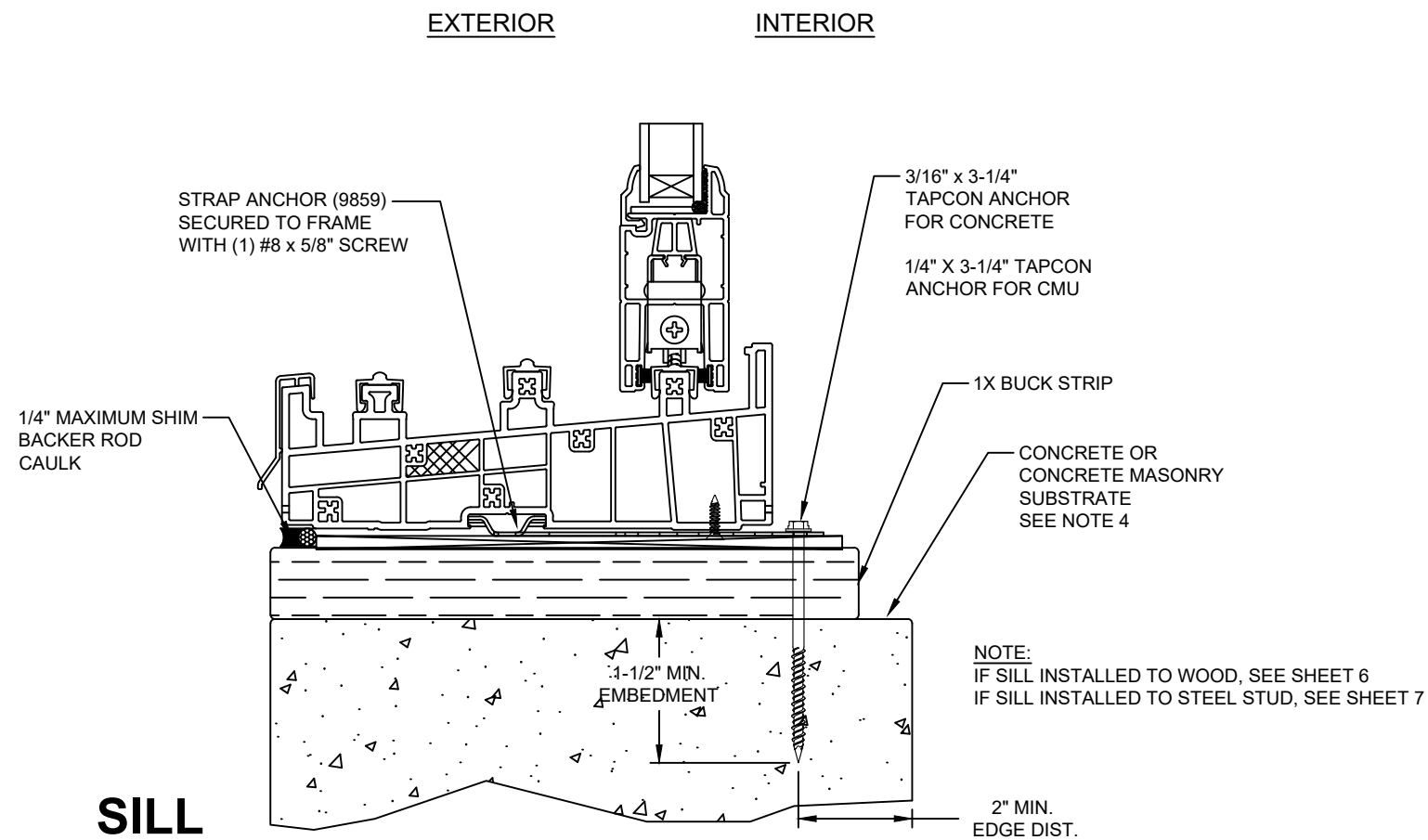
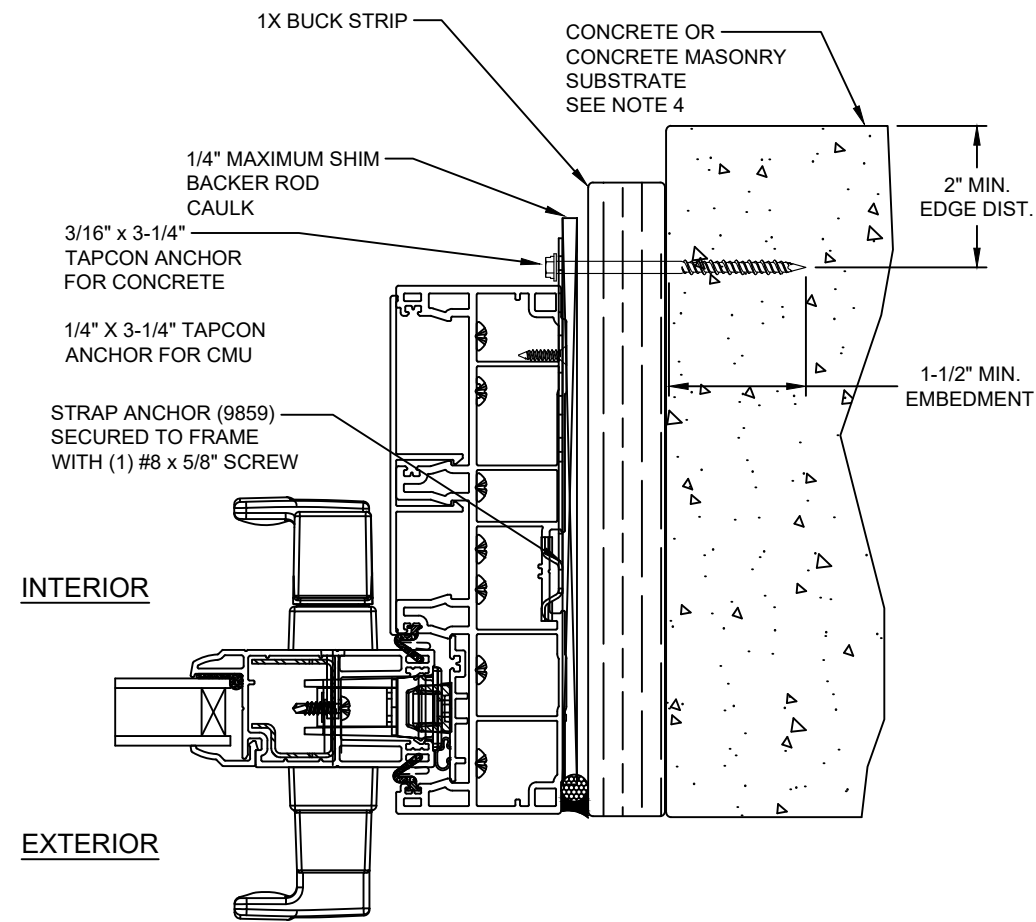
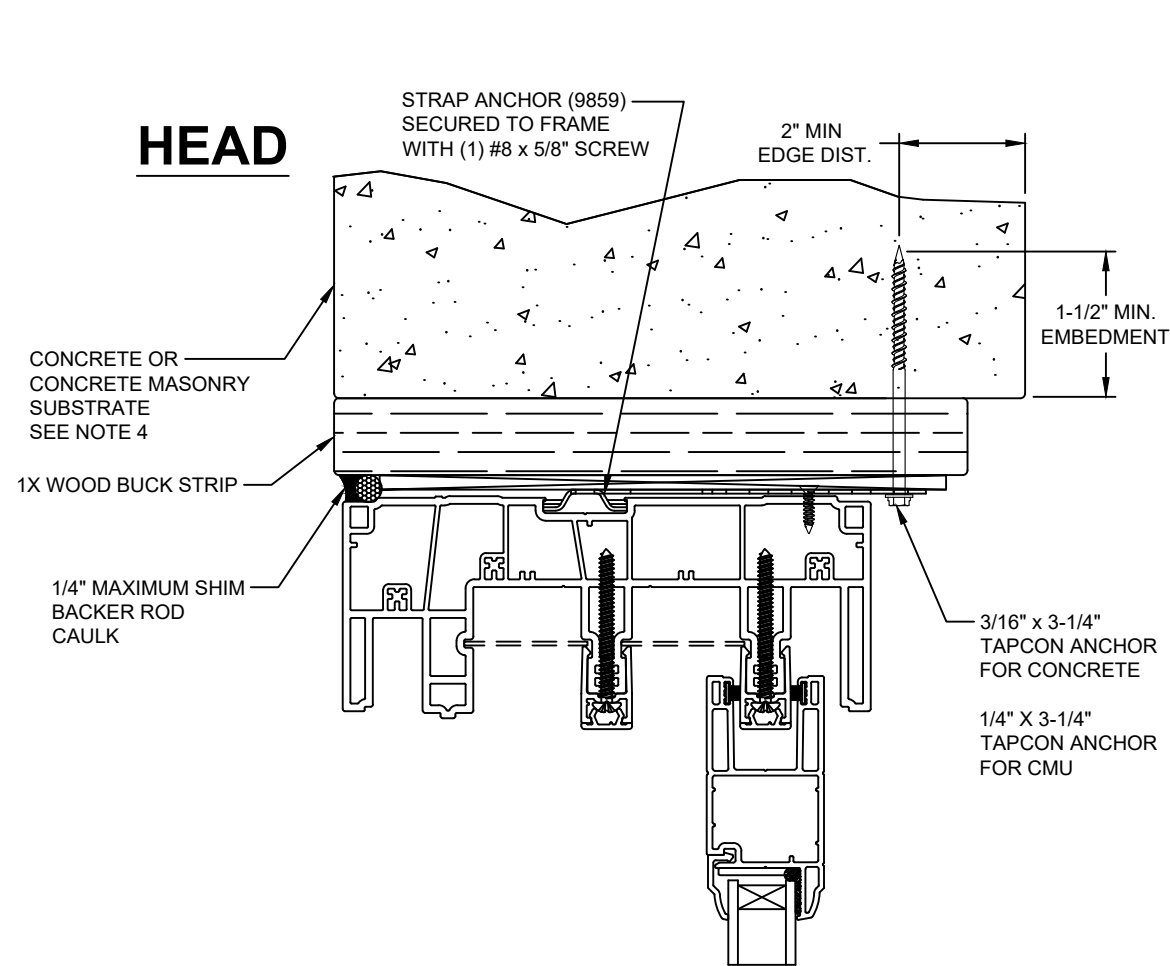
MI Windows and Doors

702 W. Market St.
Gratz, PA 17030

Drawing No.: 27488.12-1001
Project No.: 27488.12-107-16
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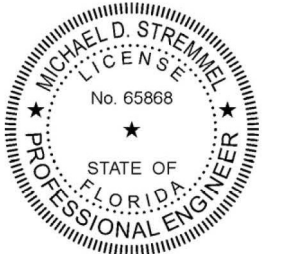
Sheet 8 of 10



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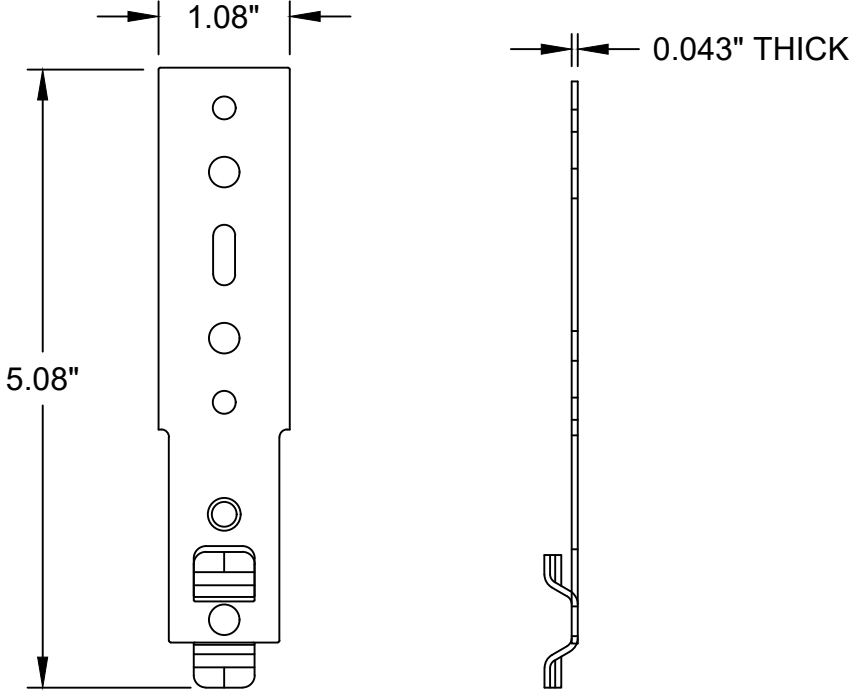
1618 Sliding Door - Impact
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Gratz, PA 17030

Drawing No.: 27488.12-1001
Project No.: 27488.12-107-16
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Sheet 9 of 10



STRAP ANCHOR
PART NO. 9859
18 GAUGE STEEL

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1618 Sliding Door - Impact Accessories	
MI Windows and Doors 702 W. Market St. Gratz, PA 17030	
Drawing No.: 27488.12-1001 Project No.: 27488.12-107-16 Drawn By: MDS Rev: - Date: 12/12/23	
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