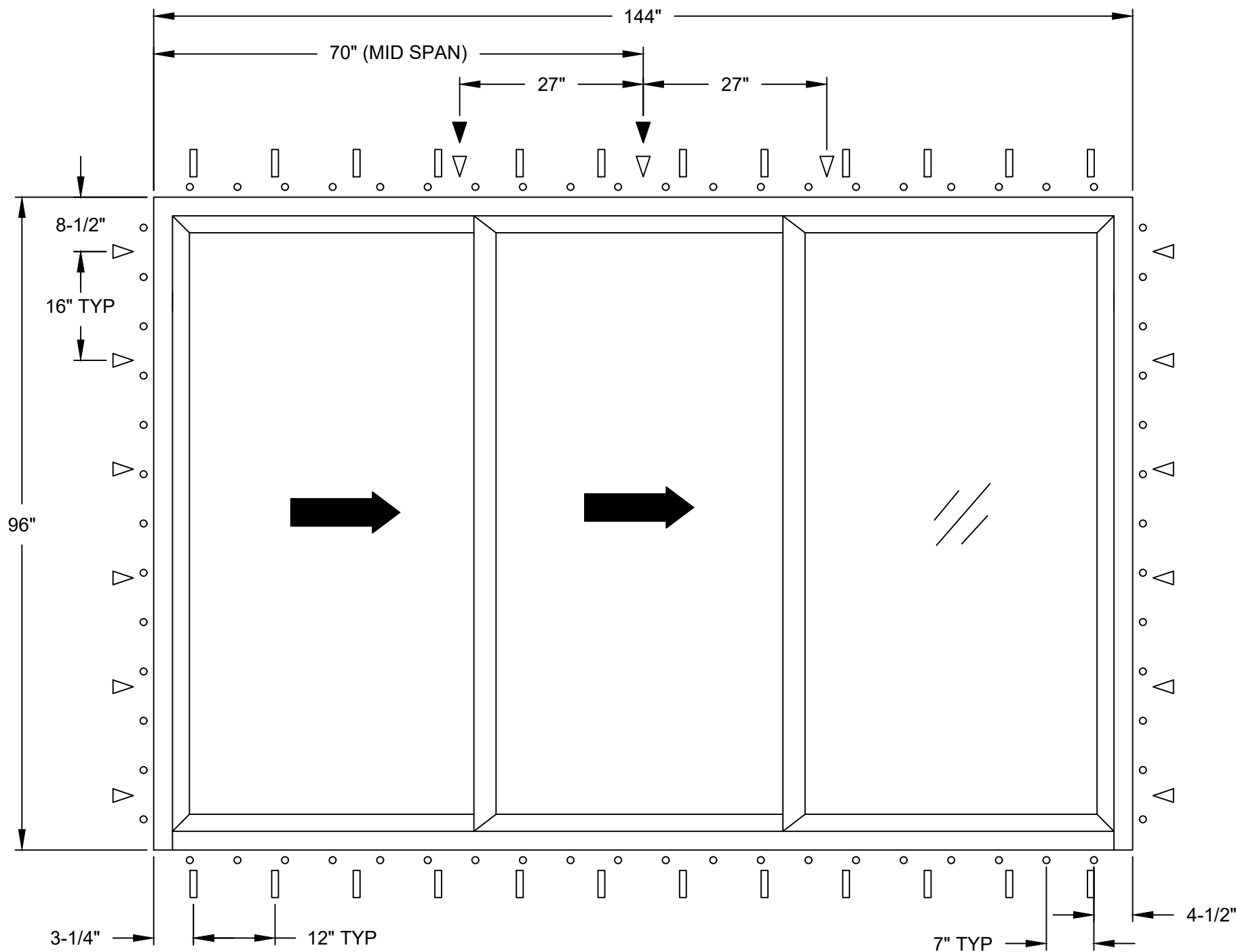




1618 Sliding Door (XXO)
Maximum Size: 144" x 96"
Design Pressure: +35/-50 psf (without sill extender)
Design Pressure: +/- 50 psf (with sill extender)
Impact Missile D, Wind Zone 3

- ▽ Through-Frame Anchor at Interior Track
- ▼ Through-Frame Anchor at Exterior Track
- Mounting Fin Anchor
- Twist-in Strap Anchor

NOTES:

- Installations depicted satisfy the requirements of the Florida Building Code, Building 8th Edition (2023) for design wind pressures and overall sizes noted.
- 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.
- 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.
- 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.
- Metal stud frames are assumed to be a minimum 18 gauge 33 KSI steel.
- Wood screws shall be corrosion resistant and meet the requirements of ANSI/ASME B18.6.1
- 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.
- TEKS screws shall be corrosion resistant and shall be ASTM A510 Grade 1018 or equivalent.
- Maximum permitted shim thickness is 1/4". Shims shall be non-compressible and load bearing type. Every through-frame fastener shall have a shim.
- Products are impact resistant and do not require approved protection devices if used in wind-borne debris regions.
- Not for use in High Velocity Hurricane Zone (HVHZ).

CONTENTS:

Sheet 1	Elevations and Notes
Sheet 2	Installation to Wood
Sheet 3	Installation to Steel Stud
Sheet 4	Installation to Concrete or CMU
Sheet 5	Accessories

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



2023.12.11 10:00:06 -05'00'

Michael D. Stremmel

1618 Sliding Door - Impact Elevations and Notes

MI Windows and Doors

702 W. Market St.
Gratz, PA 17030

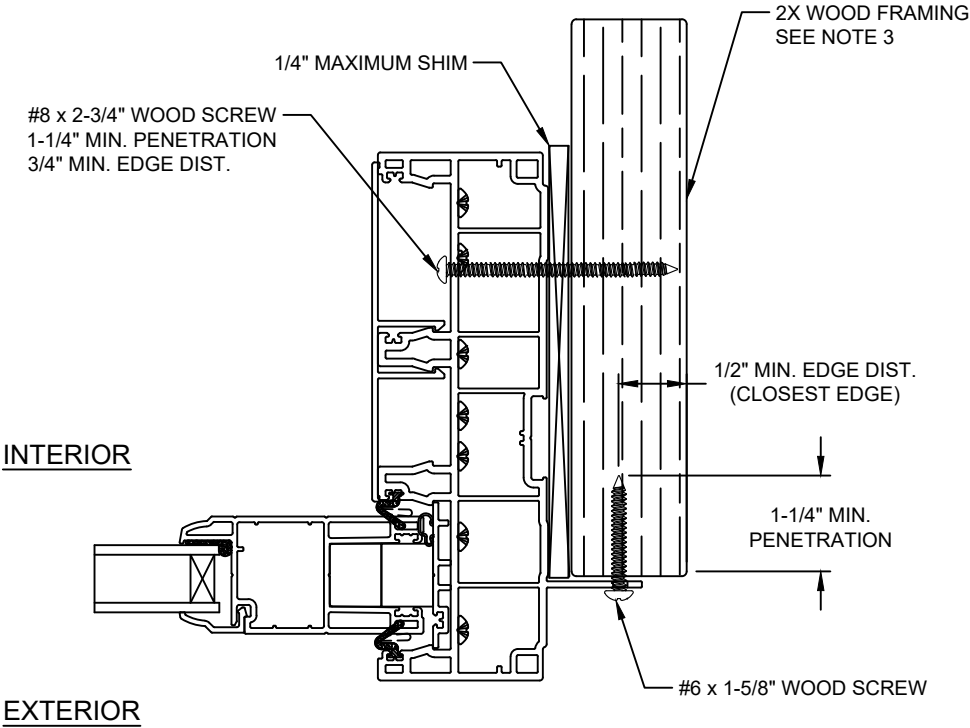
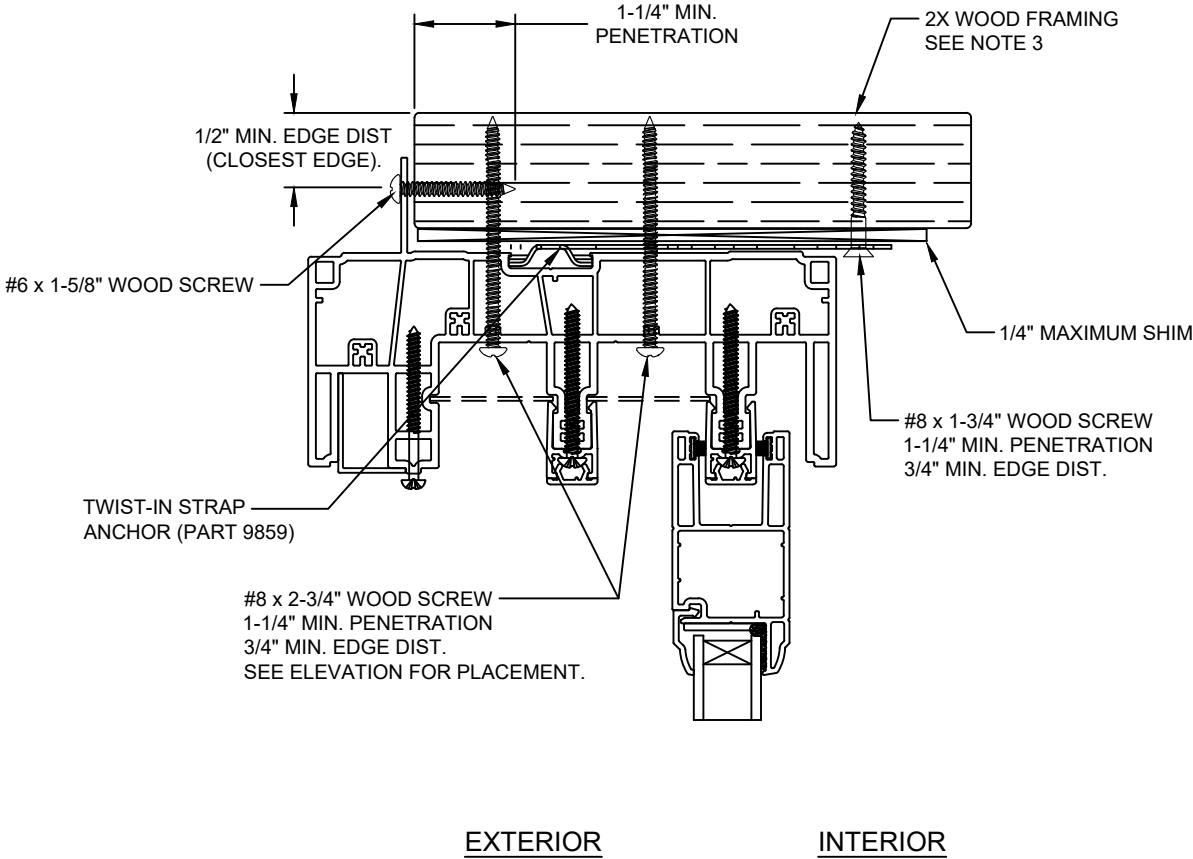
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Project No.: 27488.02-107-16
Drawn By: MDS Rev: - Date: 12/11/23

Scale: NTS

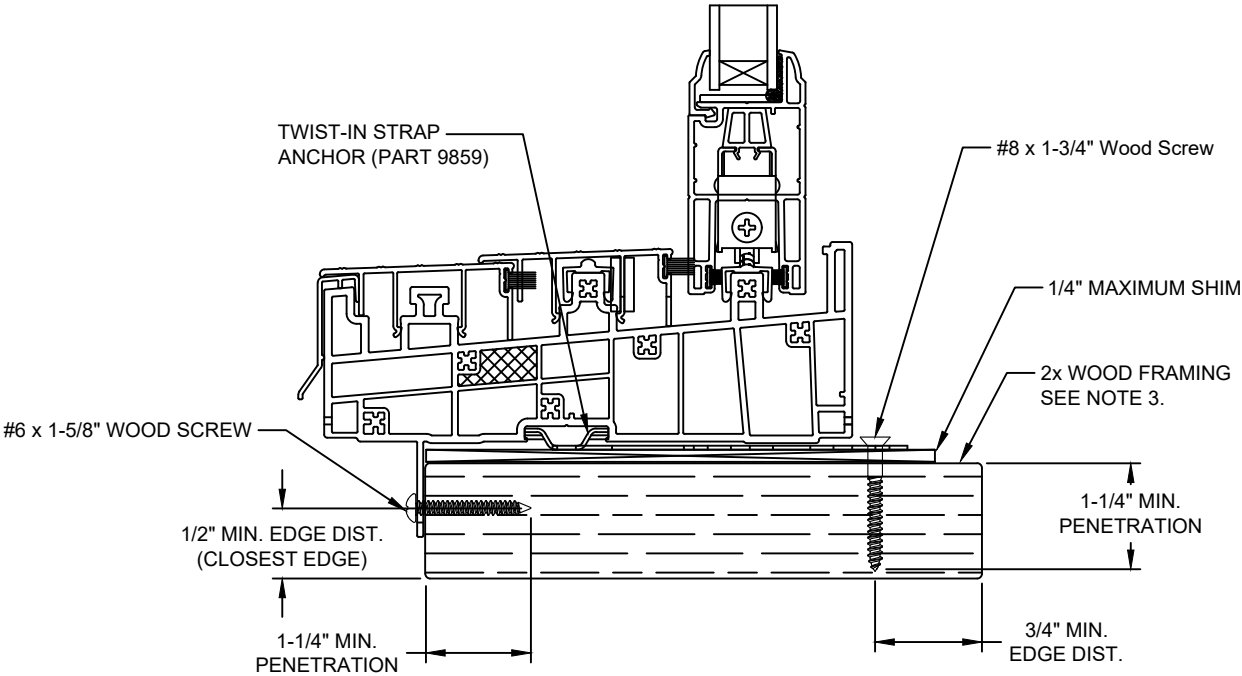
Sheet 1 of 5

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

HEAD



JAMB



SILL

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York, PA 17402
717-916-6300



2023.12.11 10:00:06 -05'00'

Michael D. Stremmel

1618 Sliding Door - Impact
Installation to Wood

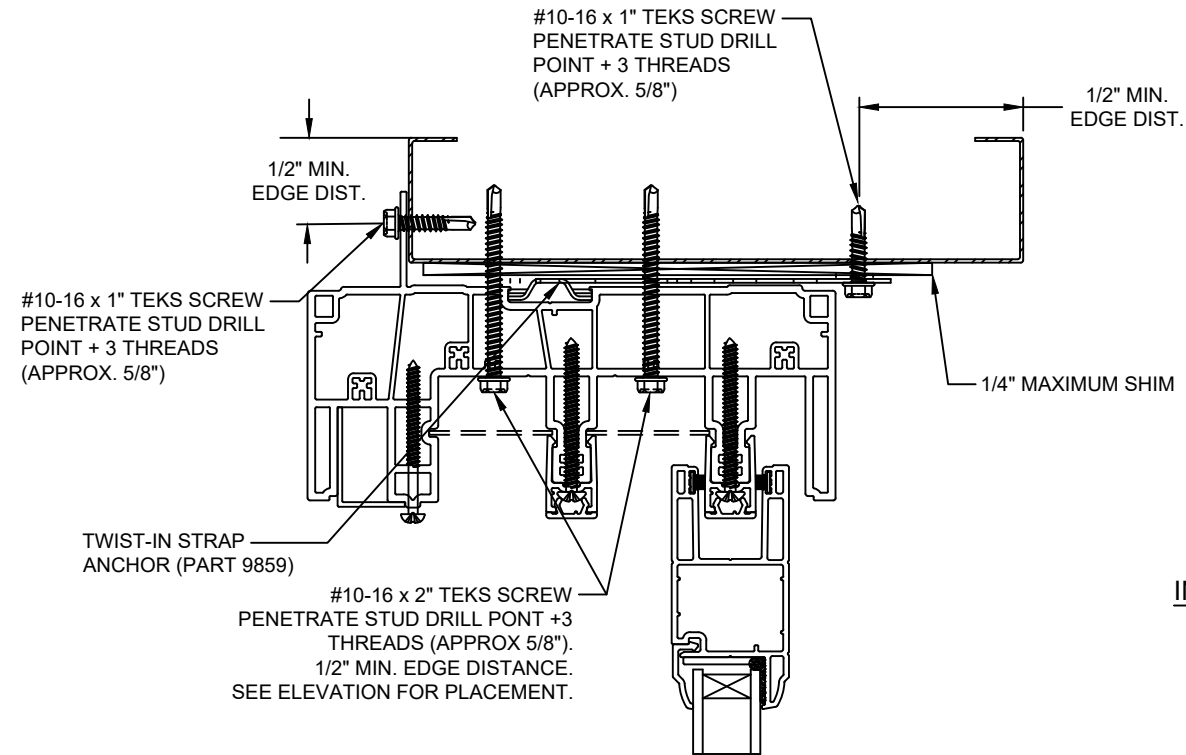
MI Windows and Doors
702 W. Market St.
Gratz, PA 17030

Drawing No.: 27488.02-1003
Project No.: 27488.02-107-16
Drawn By: MDS Rev: - Date: 12/11/23

Scale: NTS

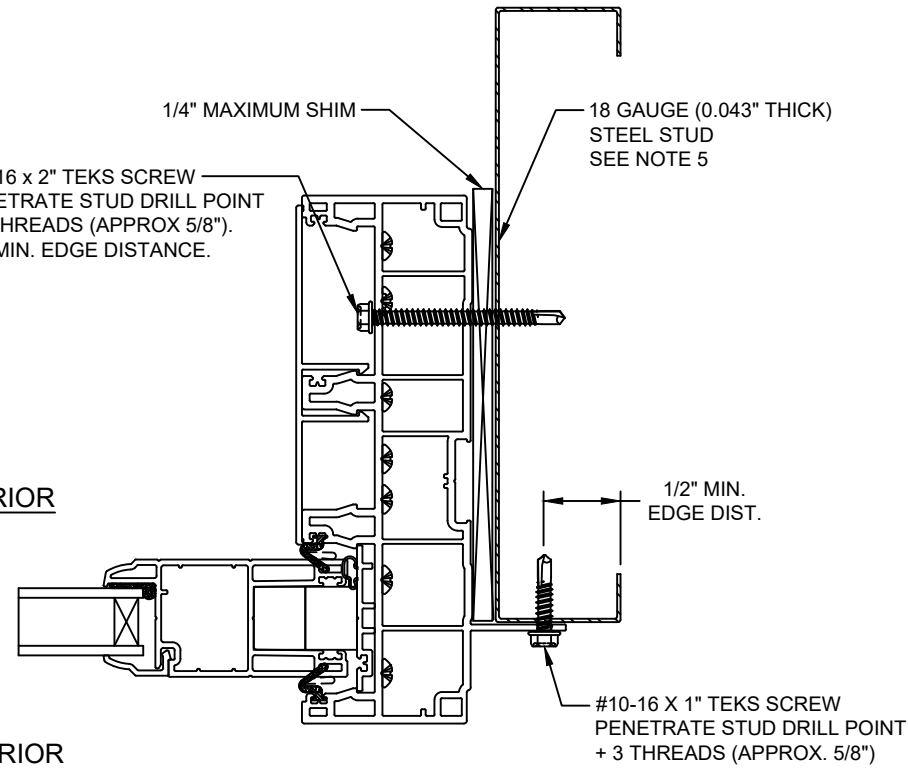
Sheet 2 of 5

HEAD



EXTERIOR

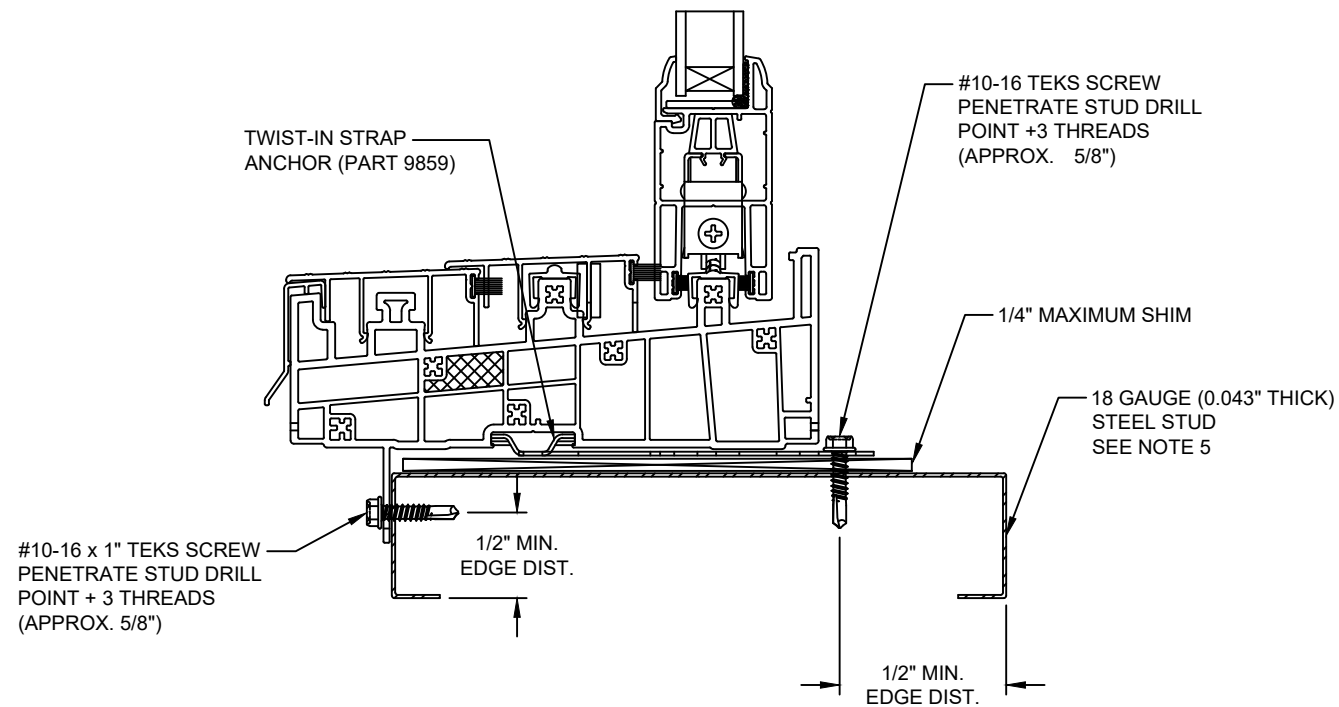
INTERIOR



INTERIOR

EXTERIOR

JAMB



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

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1410 Eden Road
York, PA 17402
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2023.12.11 10:00:06 -05'00'

Michael D. Stremmel

1618 Sliding Door - Impact
Installation to Steel Stud

MI Windows and Doors

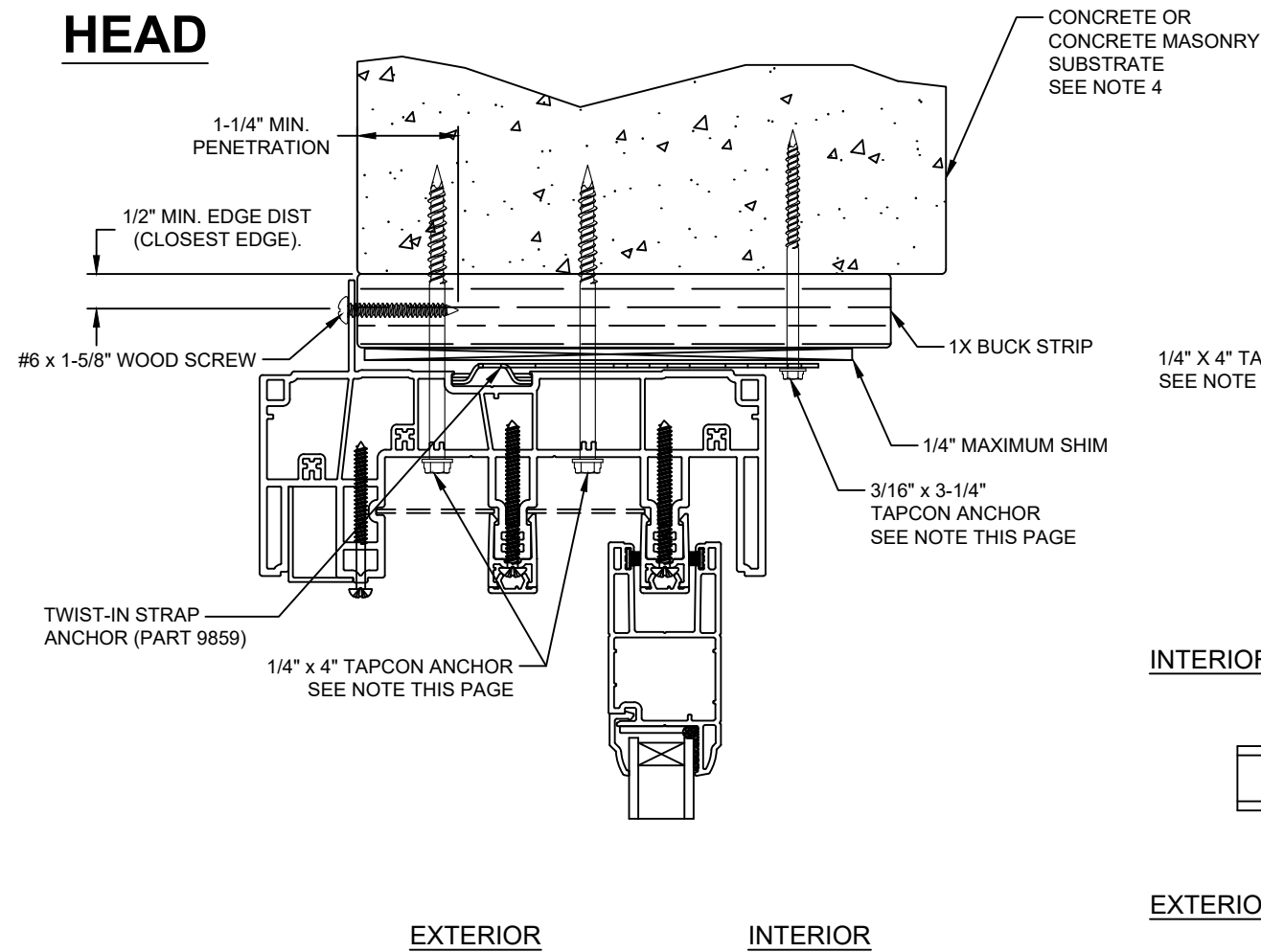
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Gratz, PA 17030

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Project No.: 27488.02-107-16
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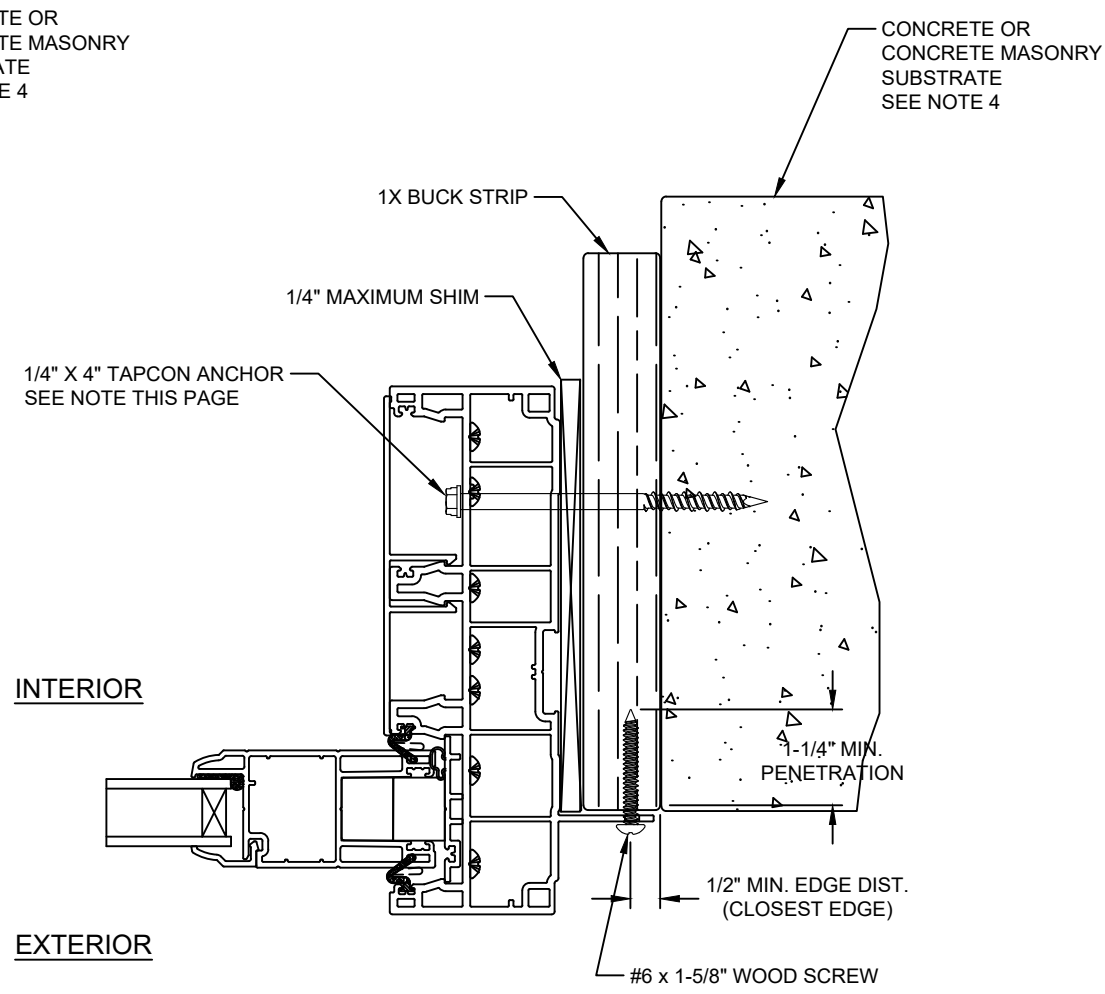
Scale: NTS

Sheet 3 of 5

HEAD



JAMB



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

NOTE: ALL CONCRETE OR MASONRY ANCHORS SHALL BE INSTALLED WITH:
MIN 1-1/2" EMBEDMENT
MIN 2" EDGE DISTANCE

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2023.12.11 10:00:06 -05'00'

Michael D. Stremmel

1618 Sliding Door - Impact
Installation to Concrete or CMU

MI Windows and Doors

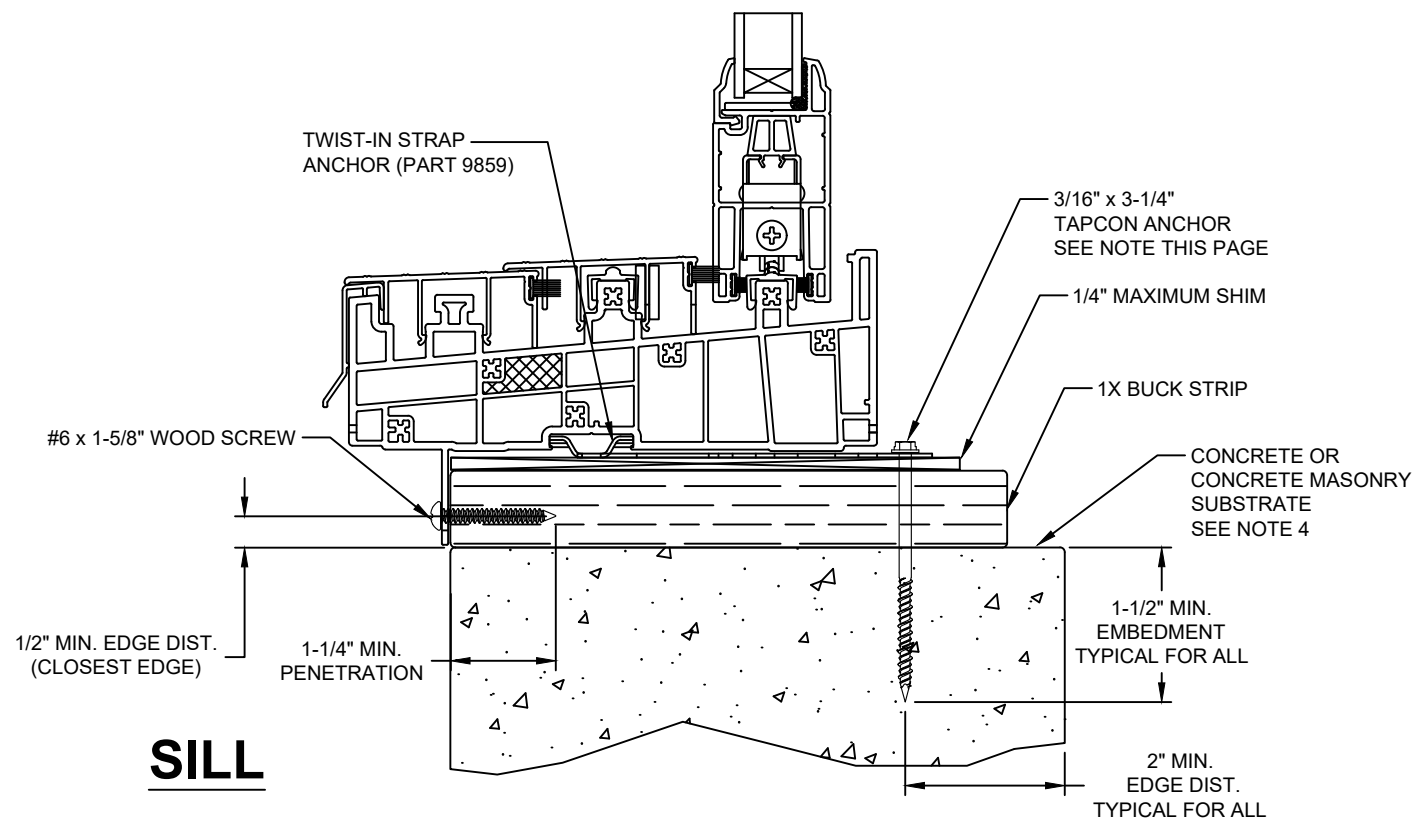
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Gratz, PA 17030

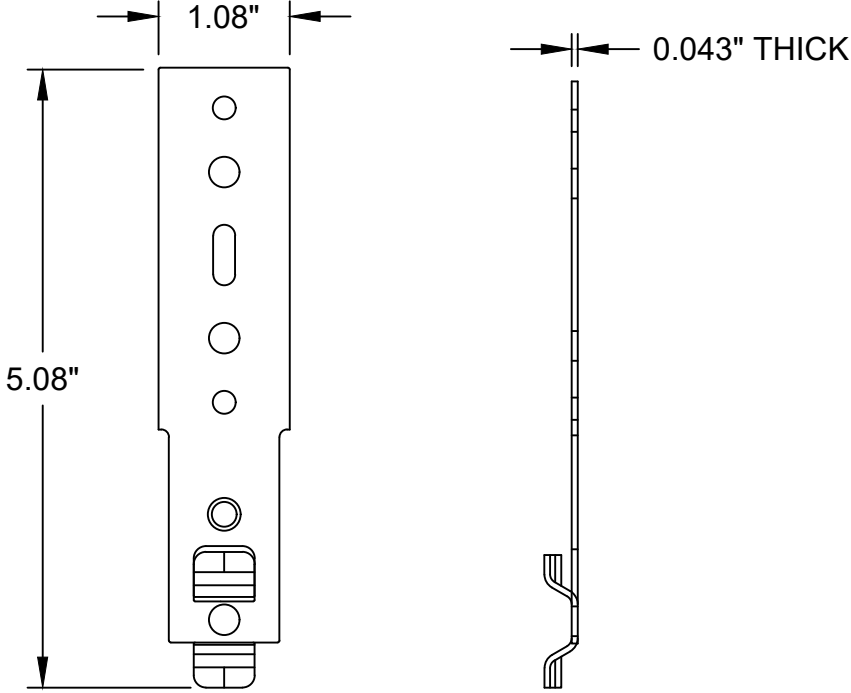
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Project No.: 27488.02-107-16
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Sheet 4 of 5

SILL





STRAP ANCHOR
PART NO. 9859
18 GAUGE STEEL

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2023.12.11 10:00:06 -05'00'

1618 Sliding Door - Impact Accessories	
MI Windows and Doors 702 W. Market St. Gratz, PA 17030	
Drawing No.: 27488.02-1003 Project No.: 27488.02-107-16 Drawn By: MDS Rev: - Date: 12/11/23	
Scale: NTS	Sheet 5 of 5