

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 window 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 impact resistant and do not 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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Michael D. Stremmel, PE
FL PE 65868
FL REG 37122
1410 Eden Road
York, PA 17402
717-916-6300



2023.12.12 10:29:57 -05'00'

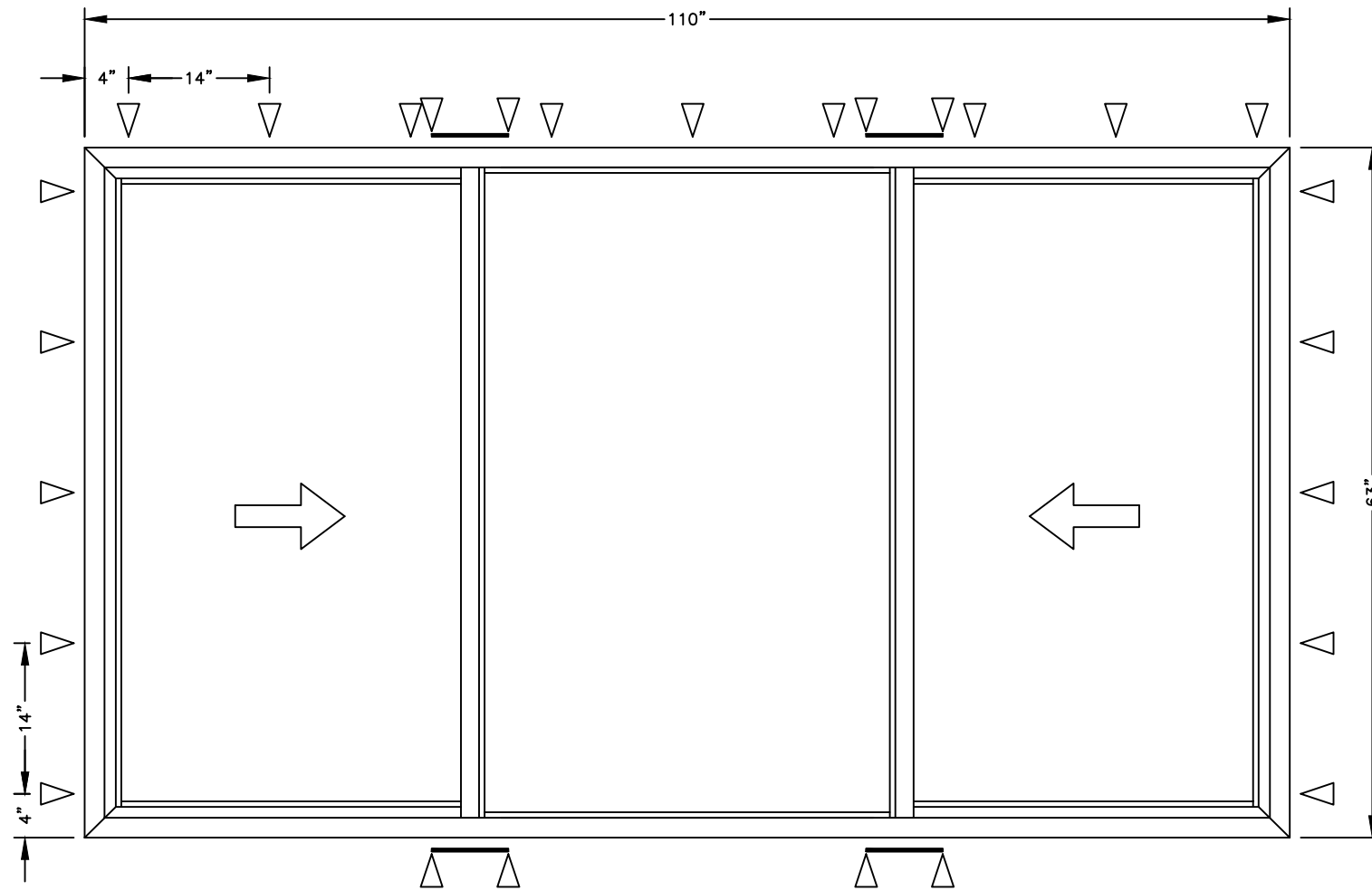
1630 Sliding Window - Impact Notes

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

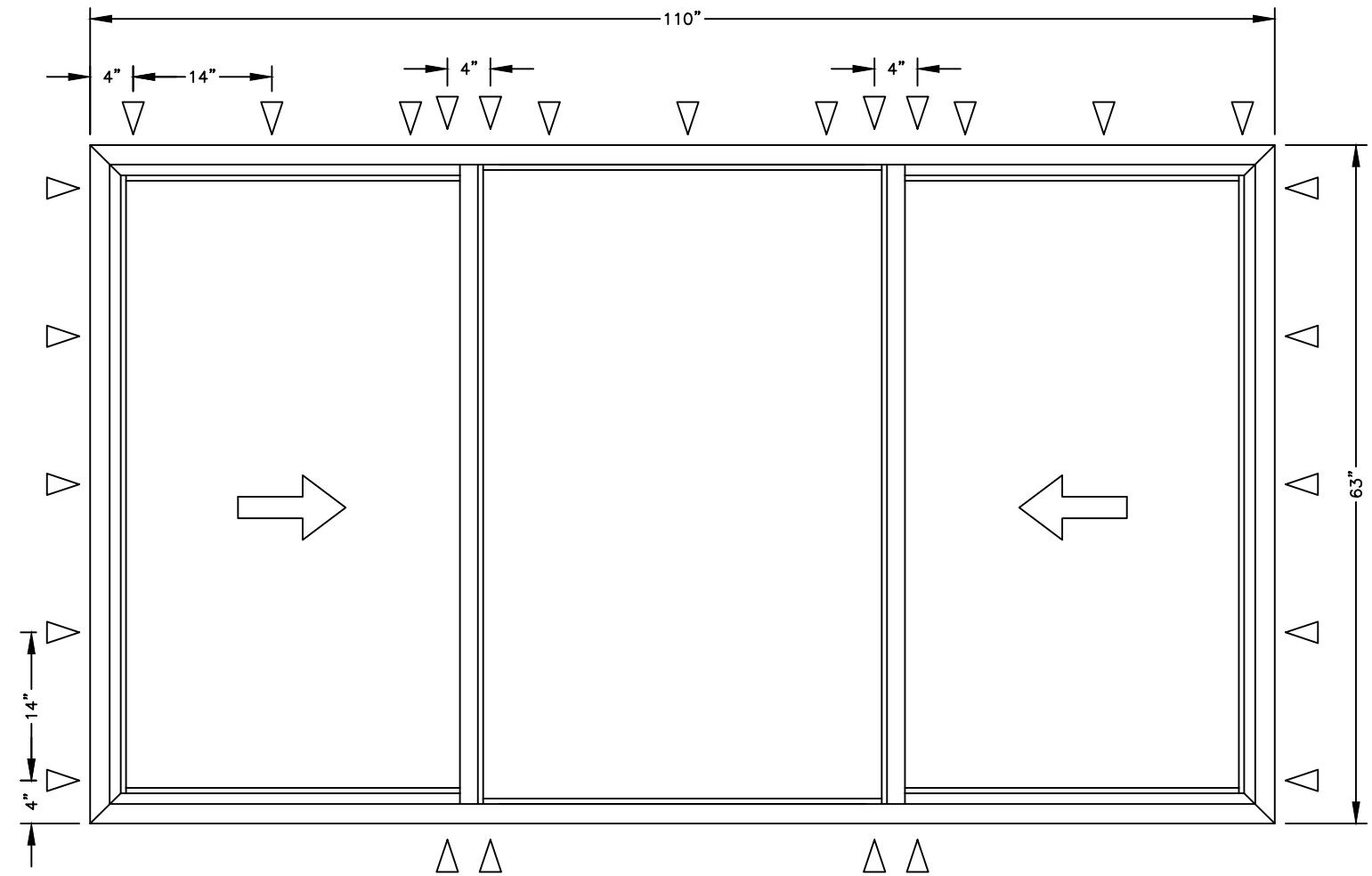
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Sheet 1 of 7



1630 HORIZONTAL SLIDING WINDOW (XOX) – FINLESS INSTALLATION
 MAXIMUM SIZE 110" X 63"
 DESIGN PRESSURE +/- 50 PSF
 MISSILE D – WIND ZONE 3

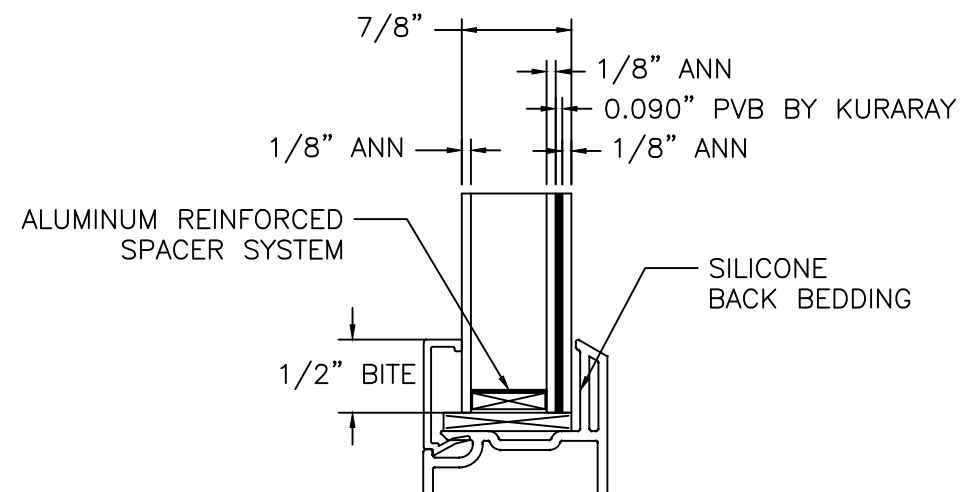


1630 HORIZONTAL SLIDING WINDOW (XOX) – FINLESS INSTALLATION
 MAXIMUM SIZE 110" X 63"
 DESIGN PRESSURE +/- 50 PSF
 MISSILE D – WIND ZONE 3

▽ FRAME ANCHOR
 SEE SHEETS 3 TO 6

△△ INSTALLATION CLIP

▽ FRAME ANCHOR
 SEE SHEETS 3 TO 6



GLAZING DETAIL

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Michael D. Stremmel

1630 Sliding Window - Impact Elevations

MI Windows and Doors

702 W. Market St.
 Gratz, PA 17030

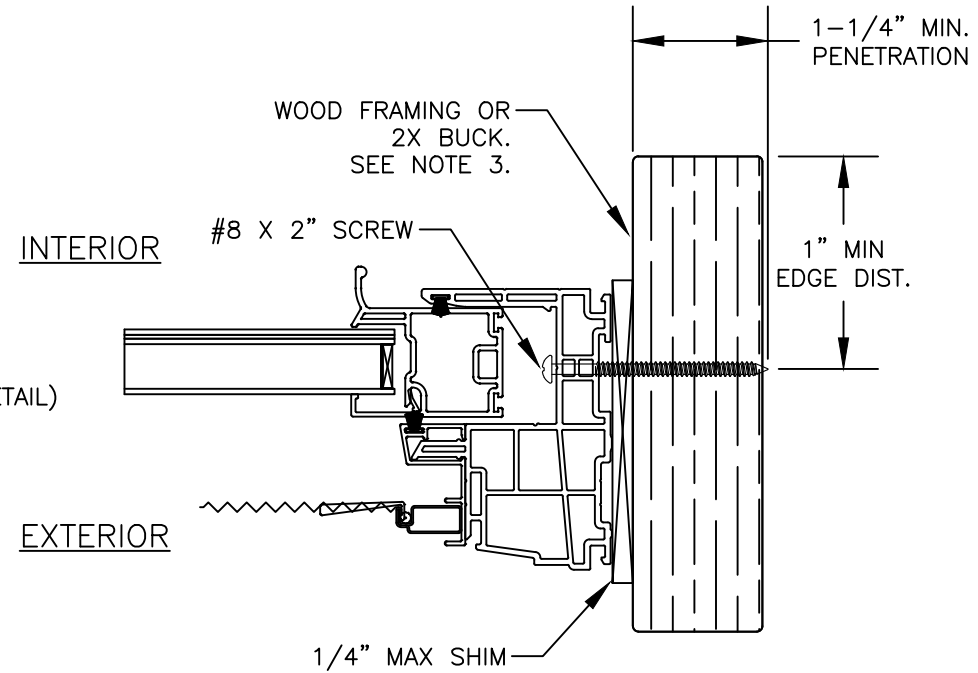
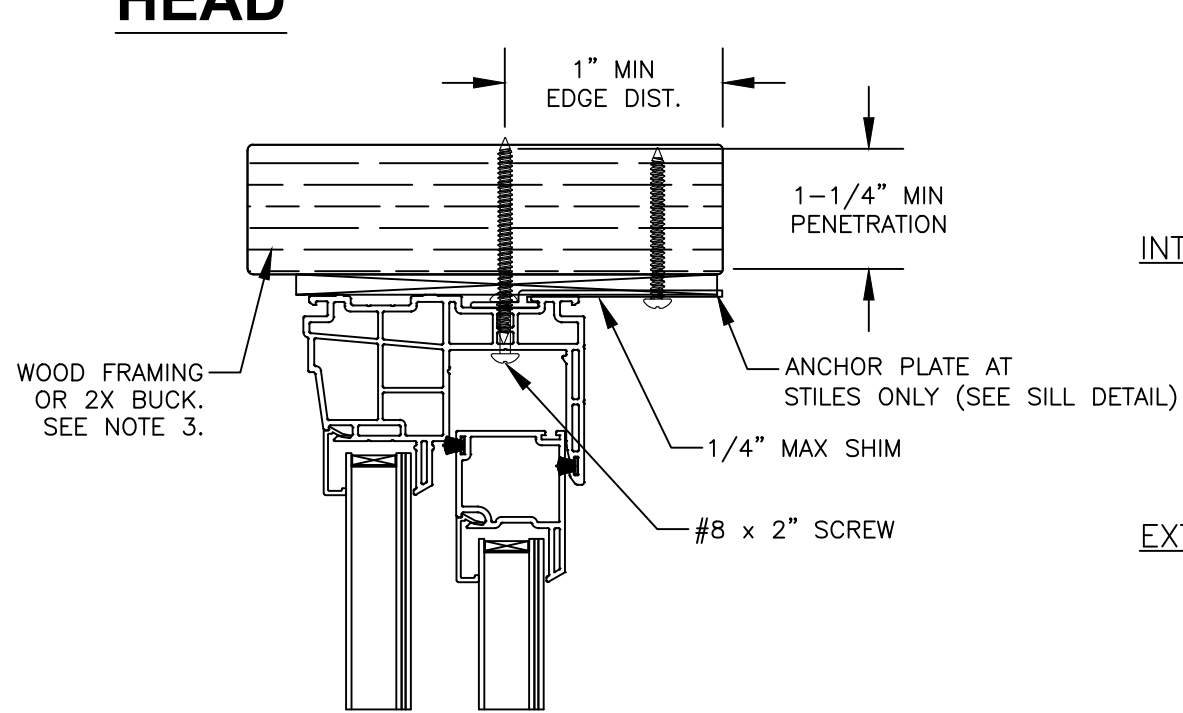
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Sheet 2 of 7

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

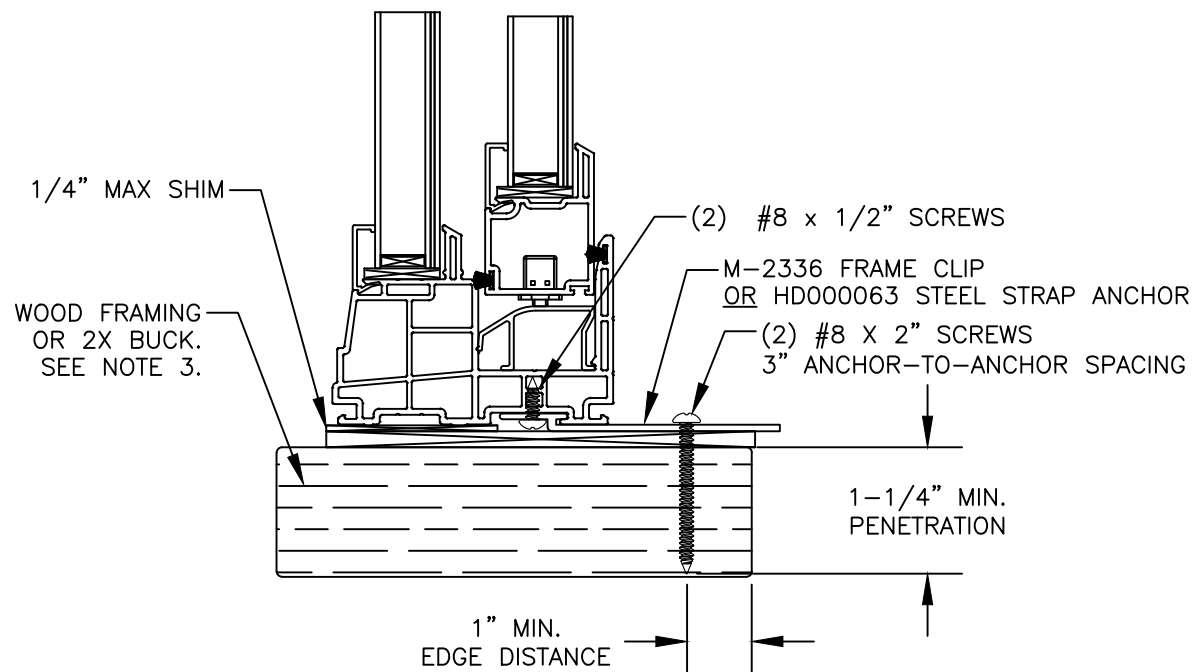
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JAMB

EXTERIOR

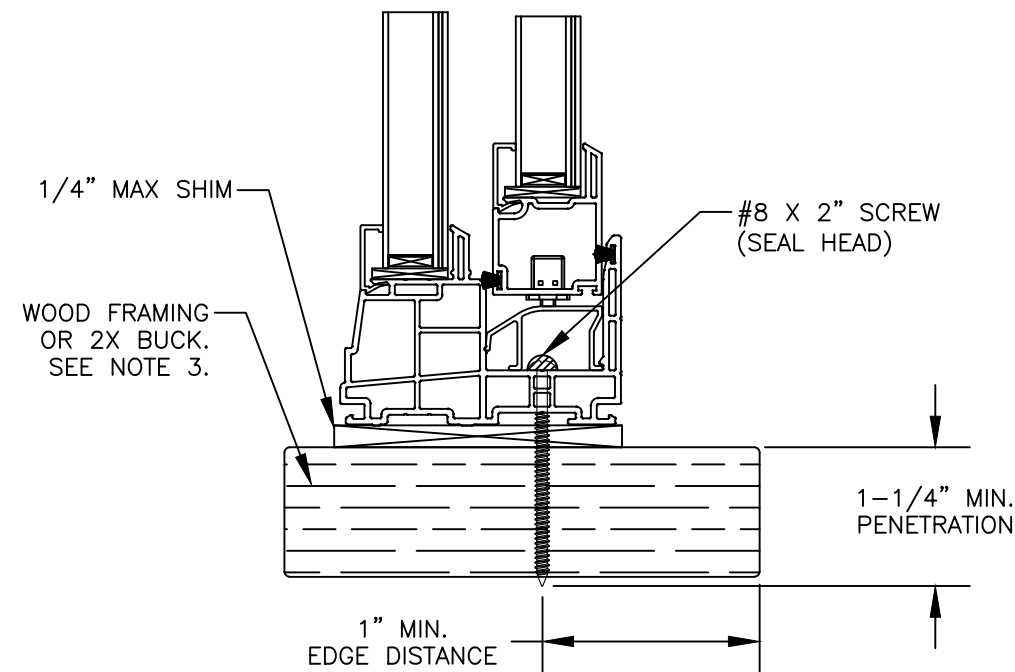
INTERIOR



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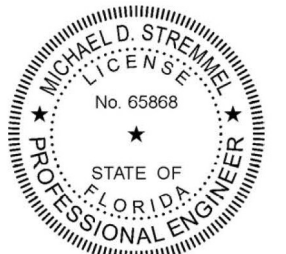
EXTERIOR

INTERIOR



SILL (THROUGH FRAME)

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2023.12.12 10:29:57 -05'00'

**1630 Sliding Window - Impact
Frame Installation to Wood**

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

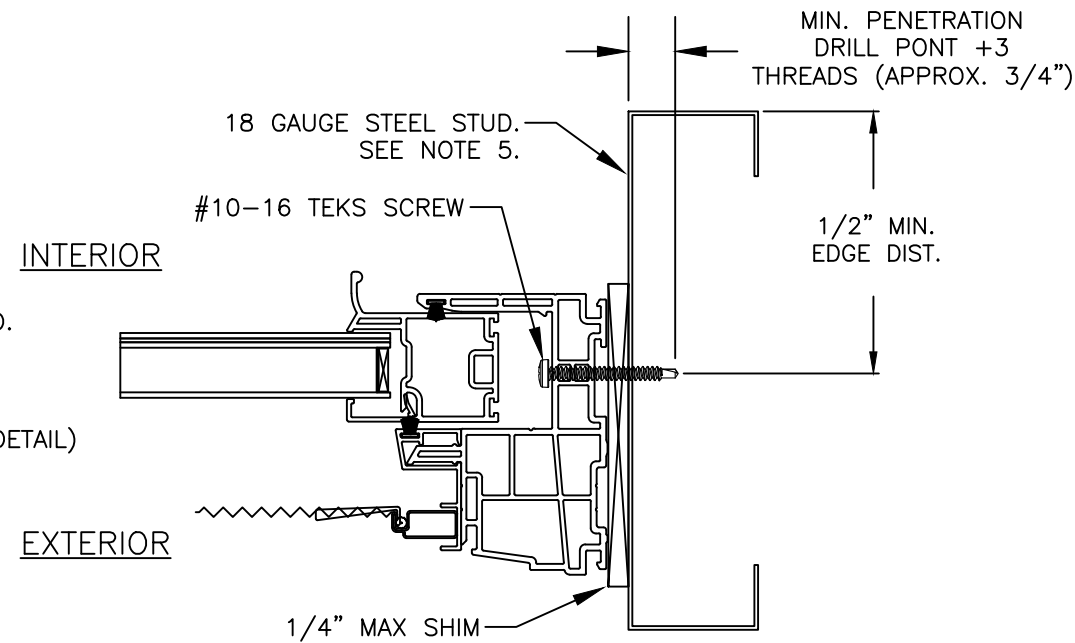
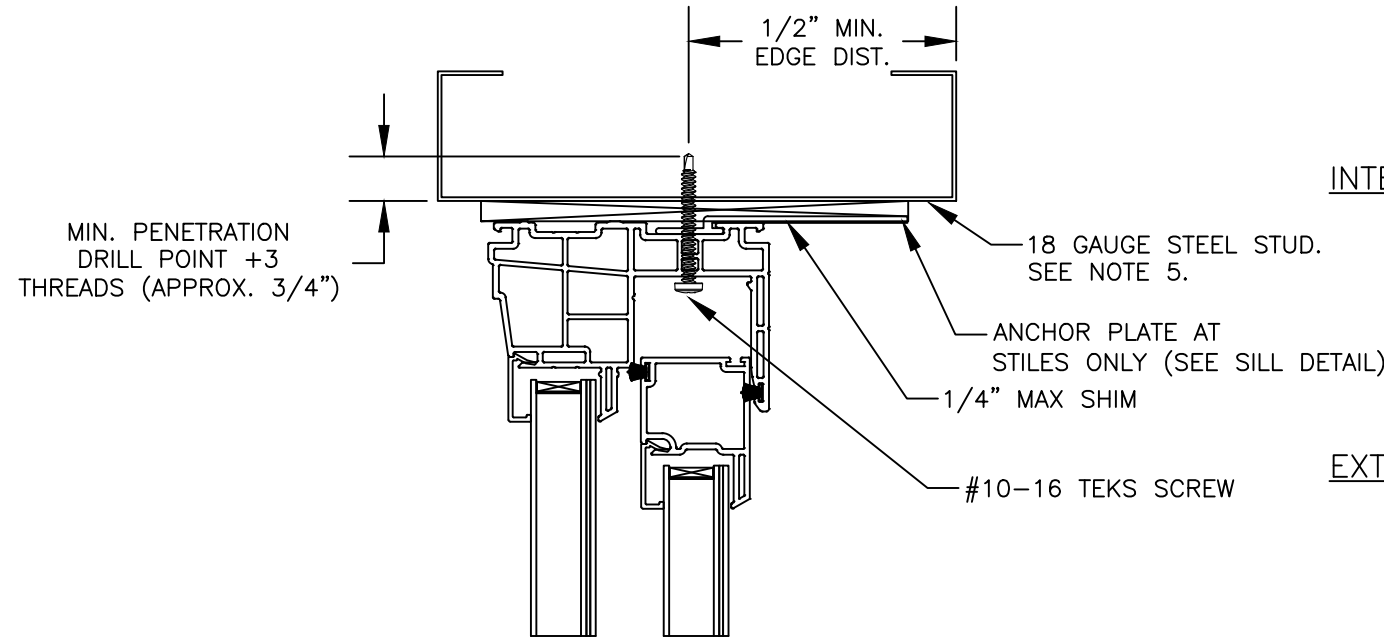
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HEAD



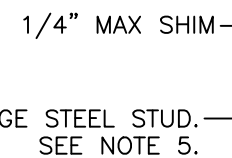
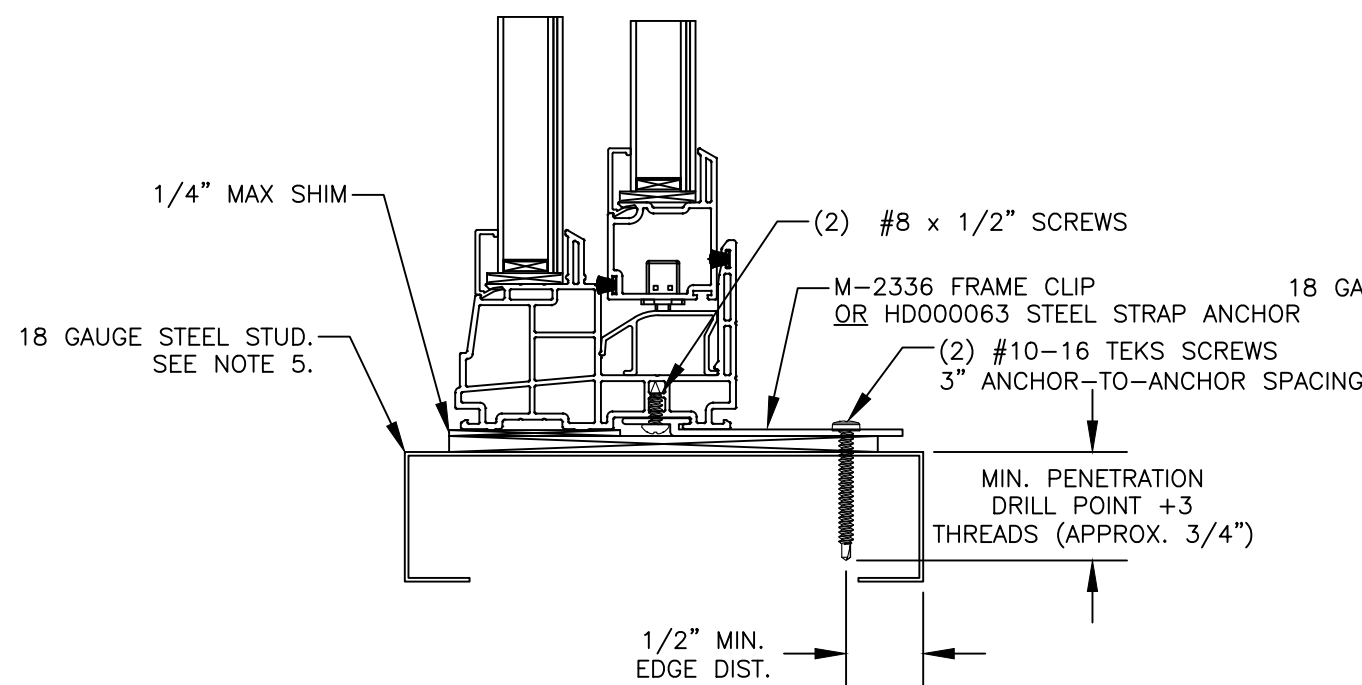
JAMB

EXTERIOR

INTERIOR

EXTERIOR

INTERIOR



SILL (ANCHOR PLATE)

SILL (THROUGH FRAME)

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**1630 Sliding Window - Impact
Frame Installation to Steel Stud**

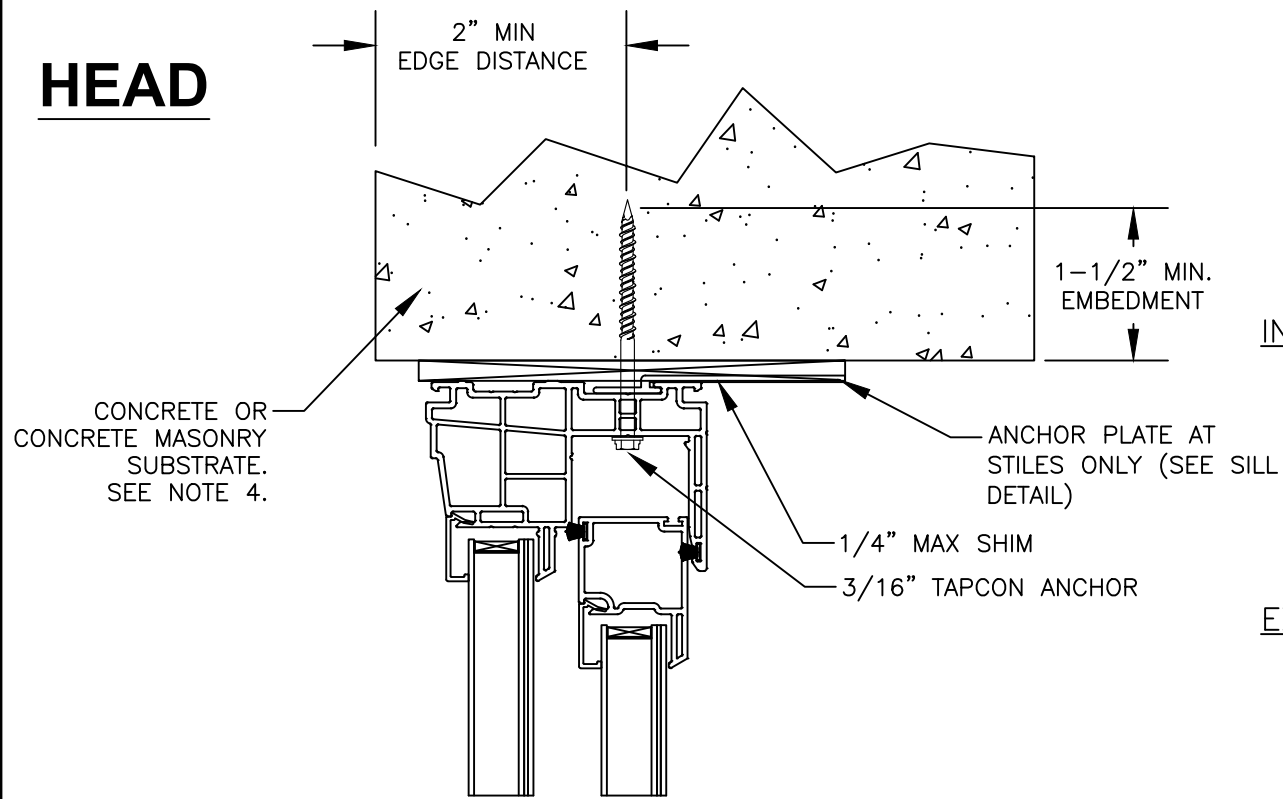
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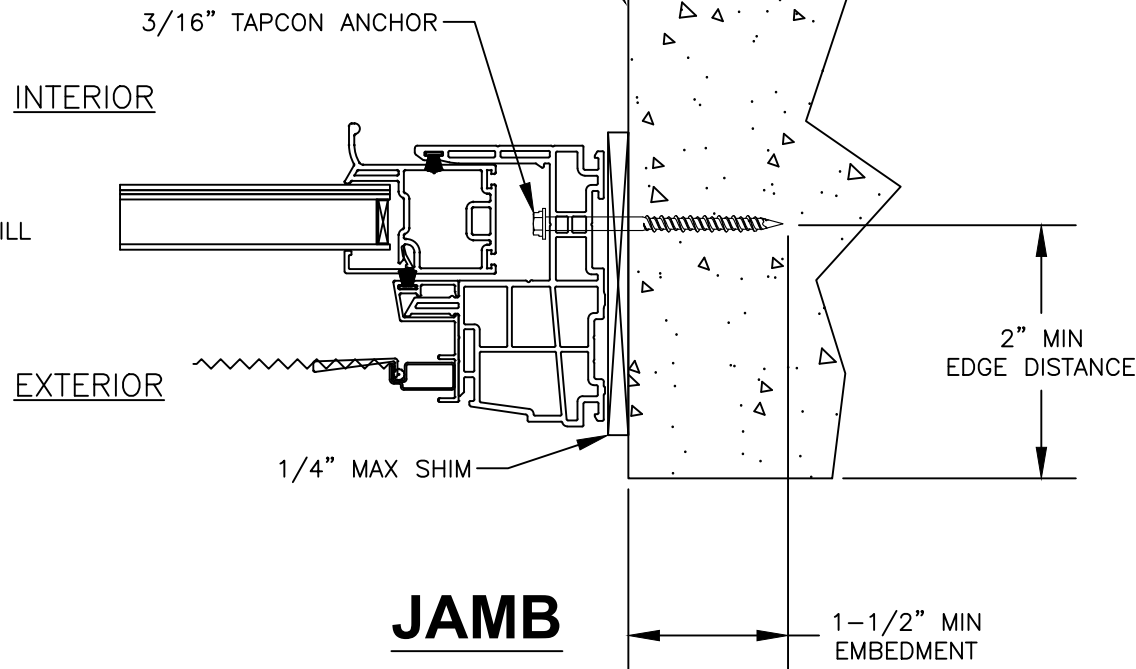
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EXTERIOR

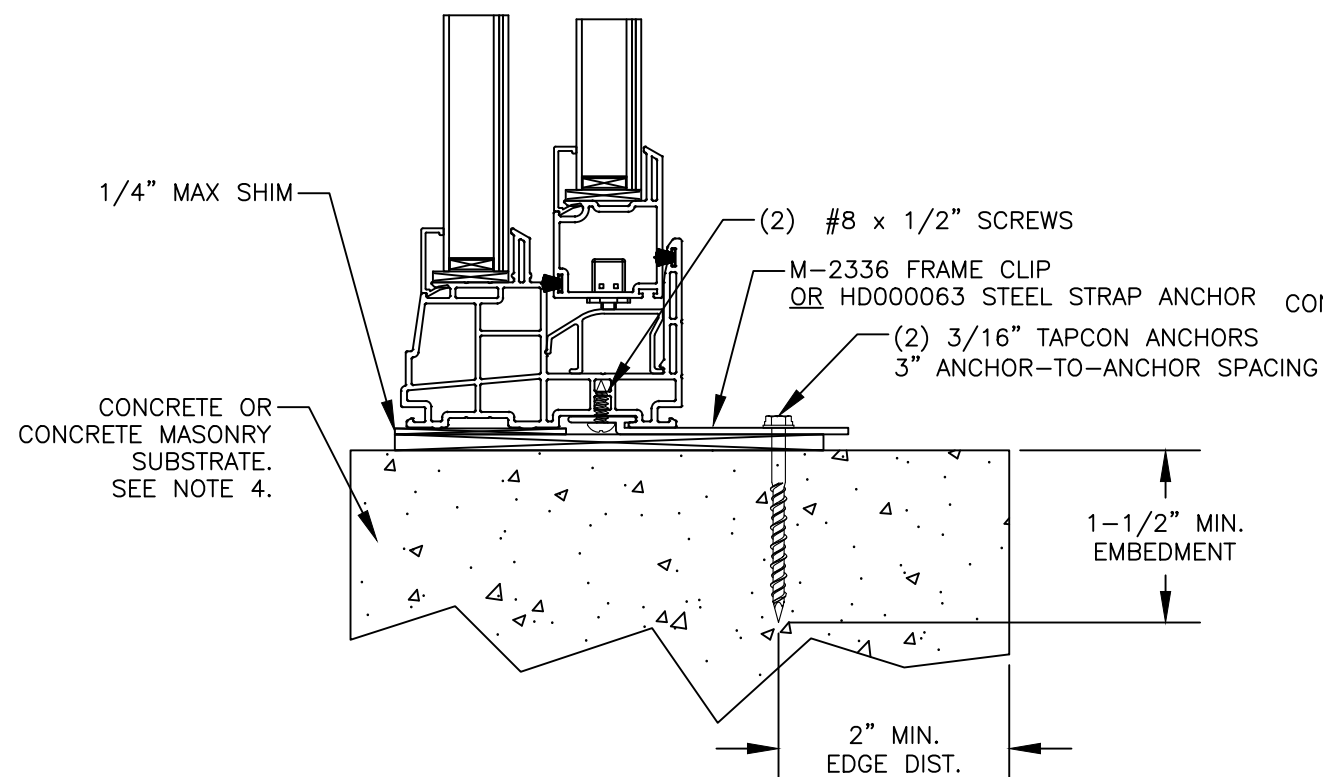
INTERIOR

CONCRETE OR CONCRETE MASONRY SUBSTRATE. SEE NOTE 4.

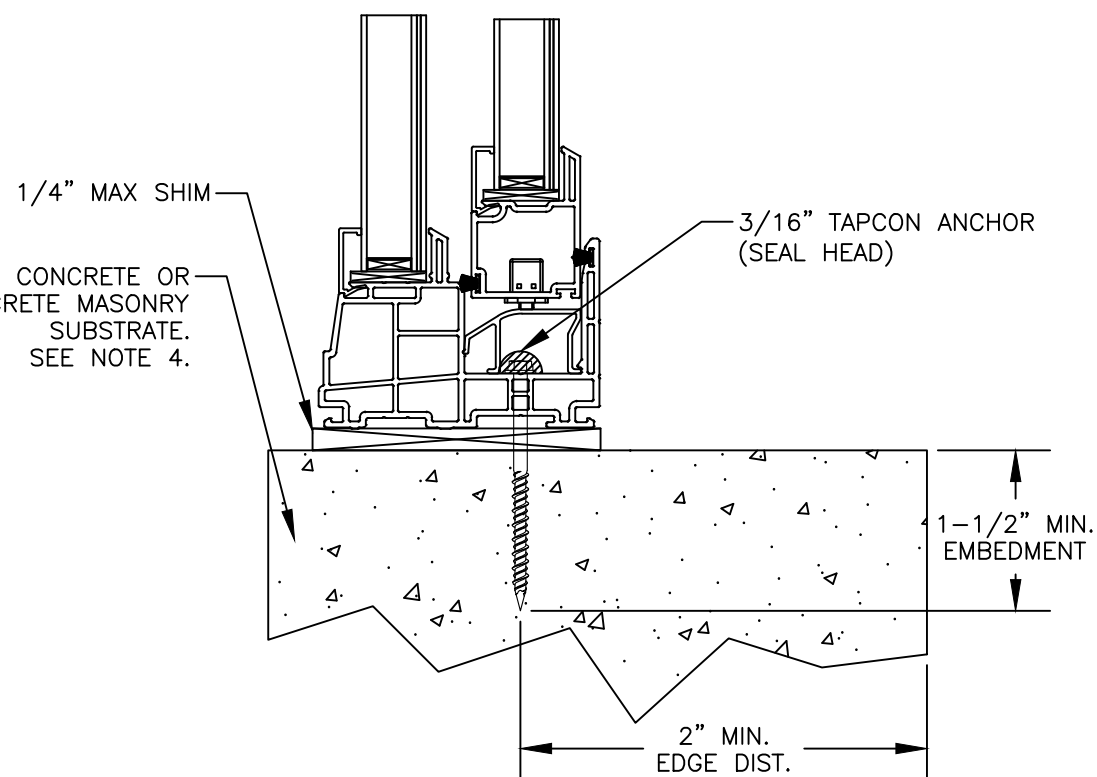


EXTERIOR

INTERIOR



SILL (ANCHOR PLATE)



SILL (THROUGH FRAME)

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1630 Sliding Window - Impact Frame Installation to Concrete/CMU

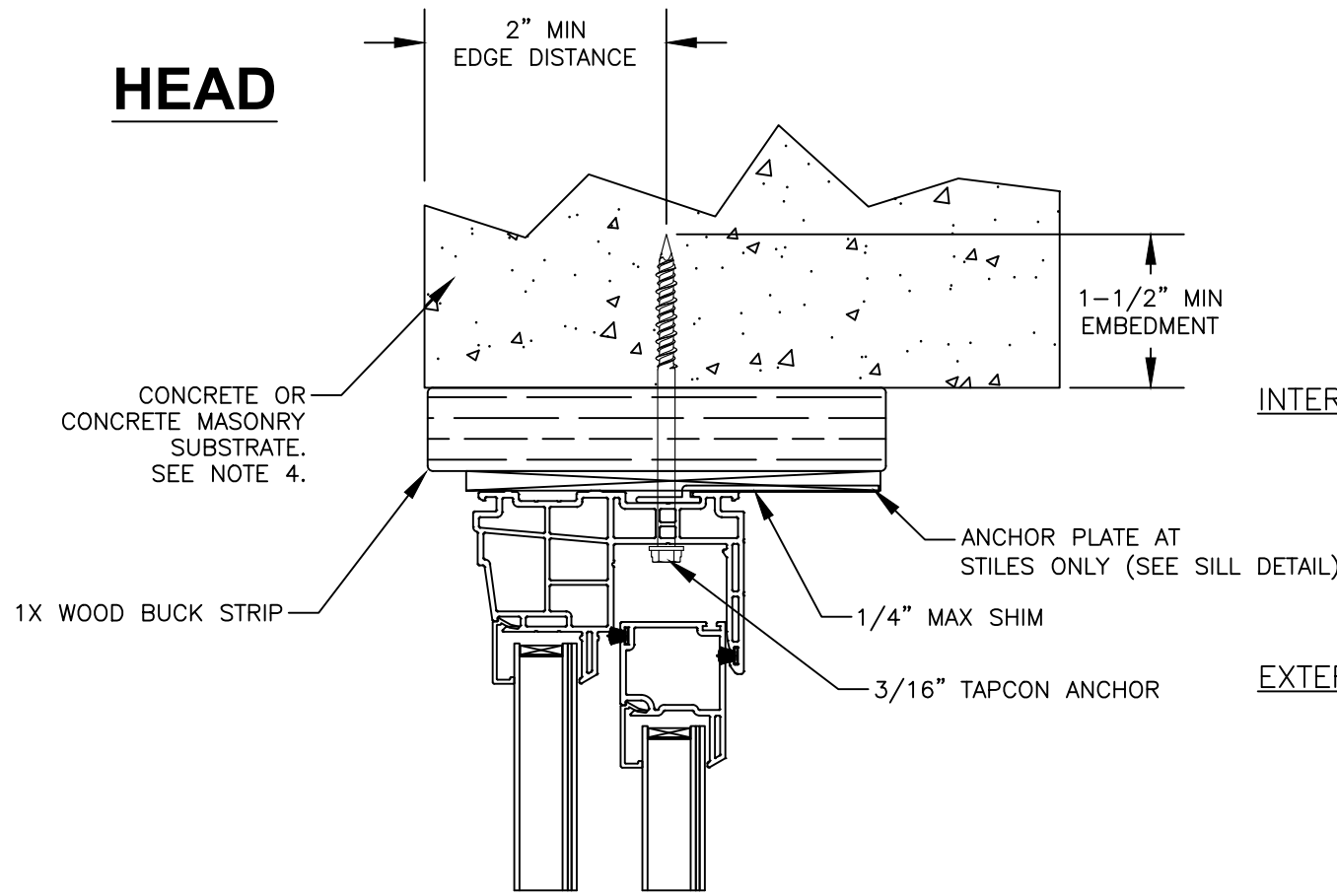
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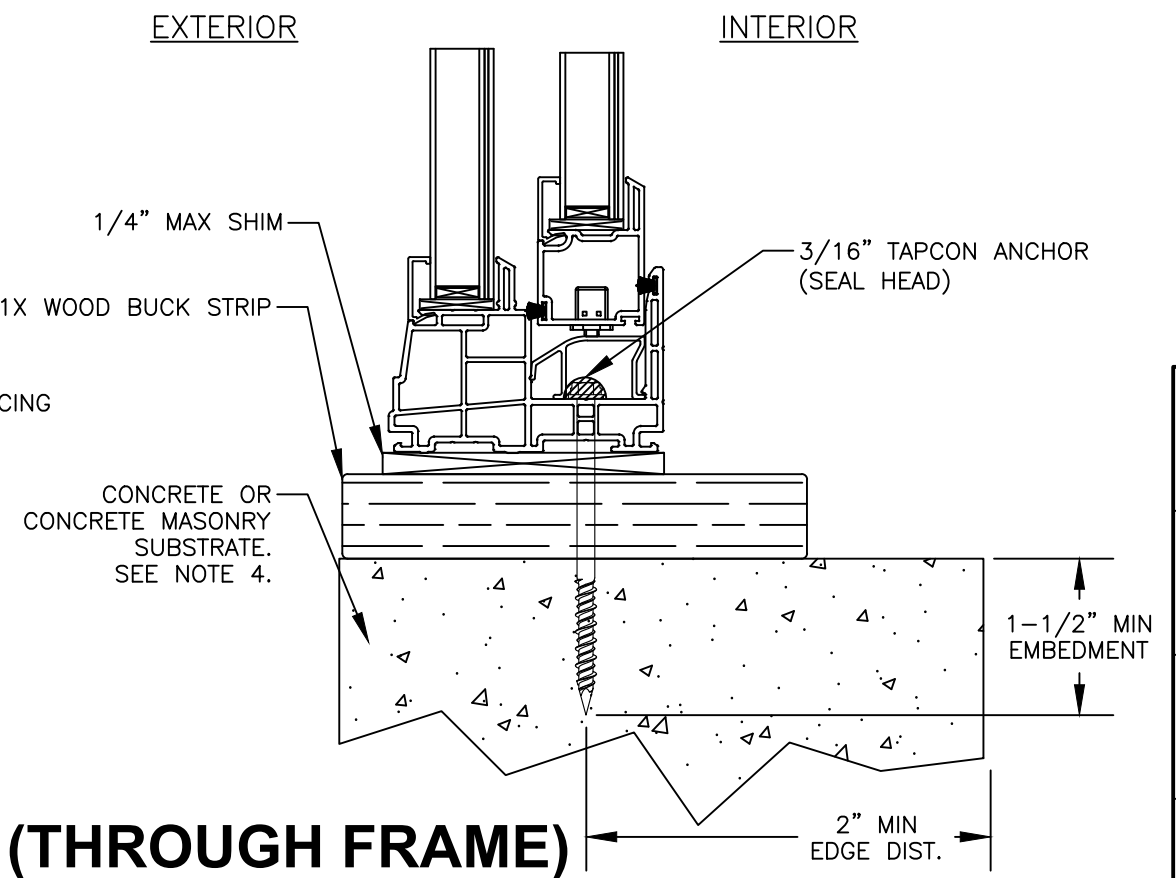
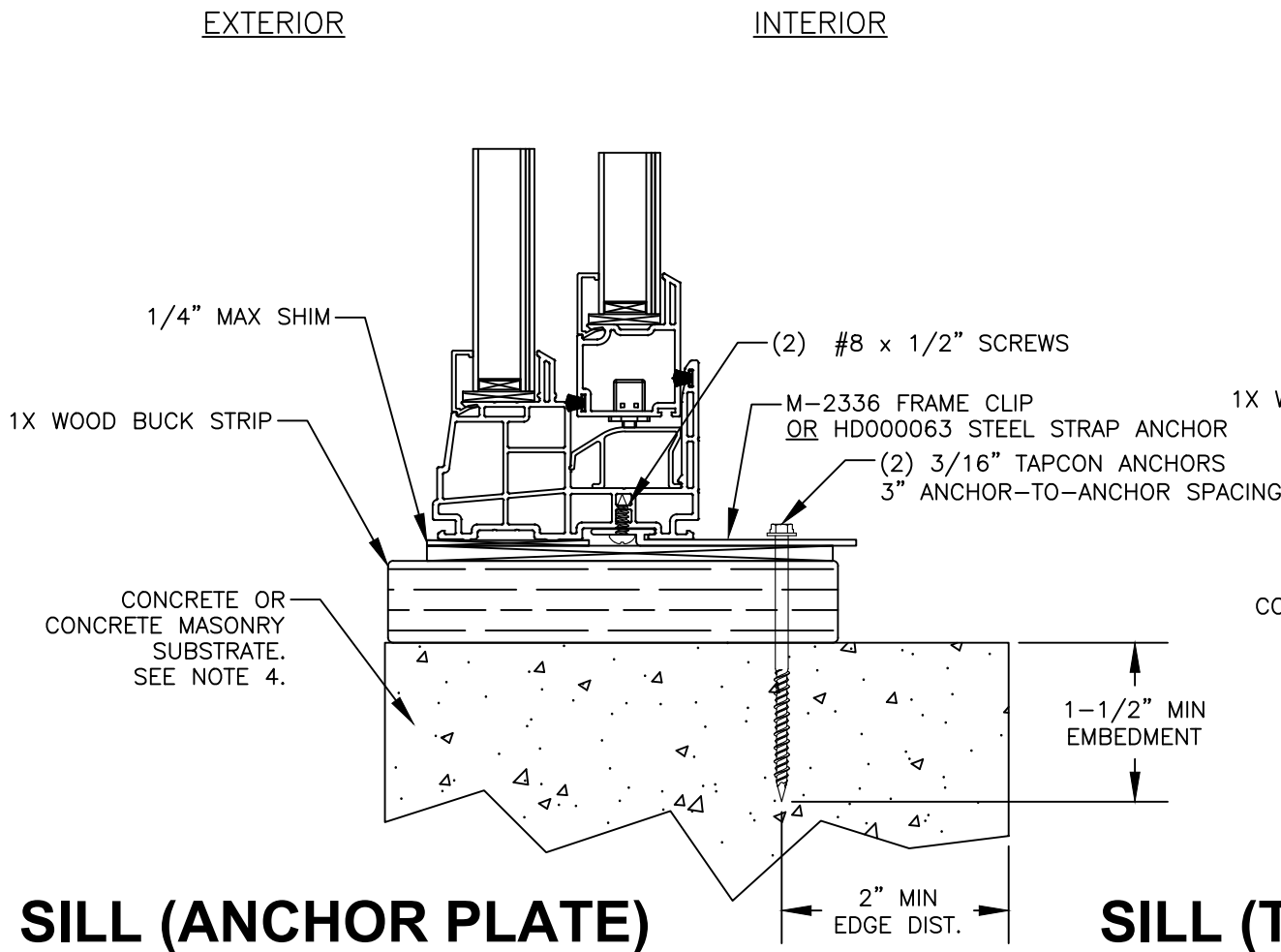
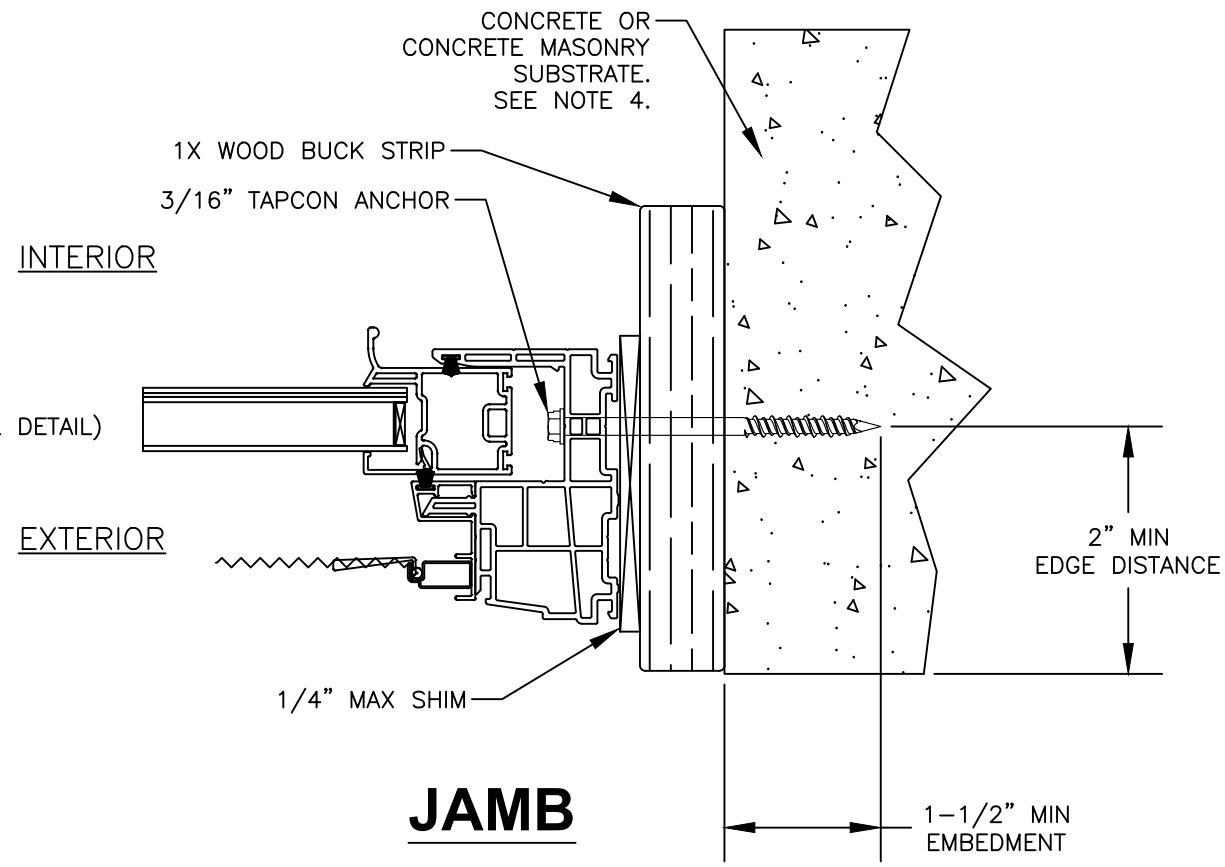
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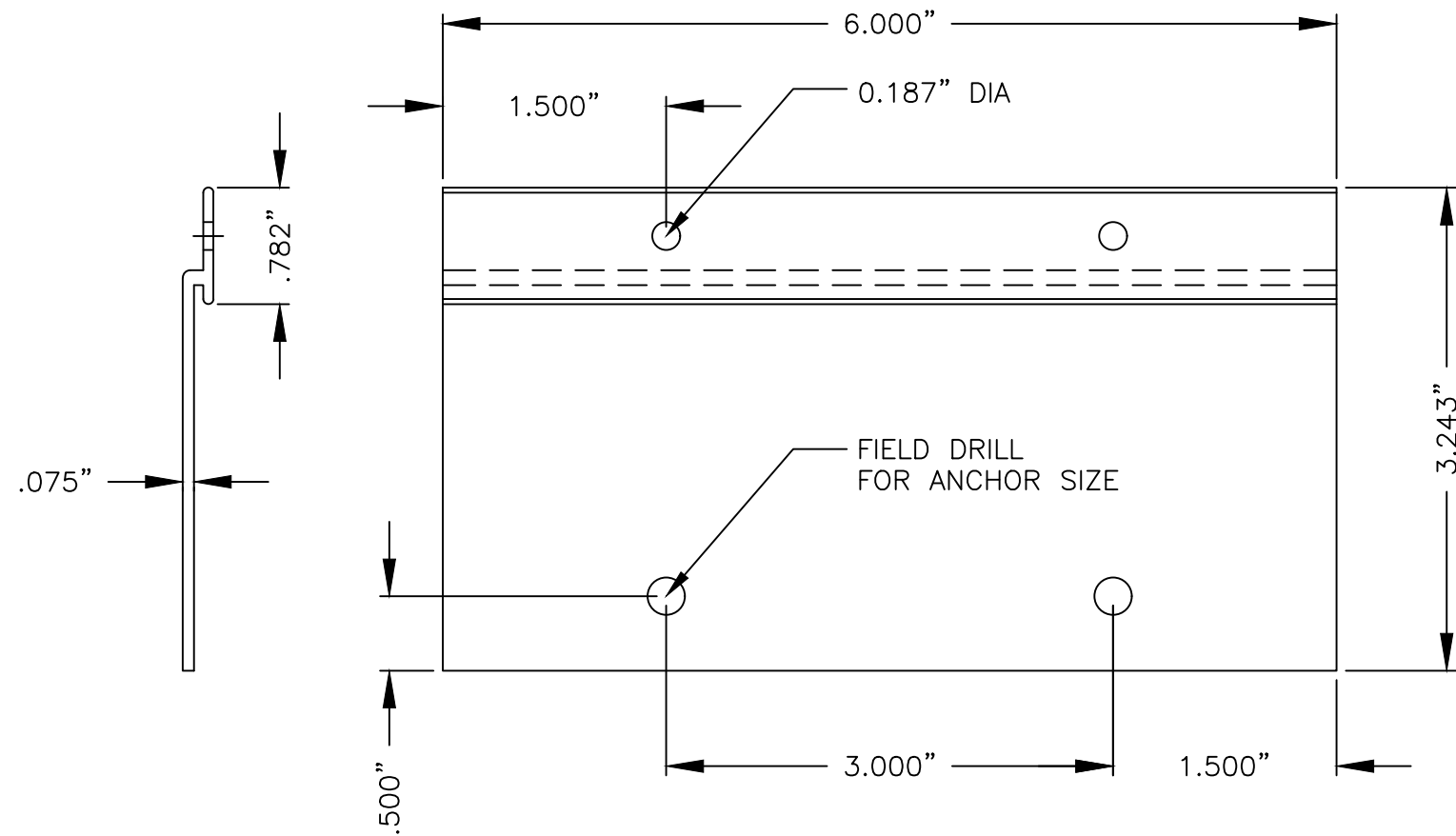


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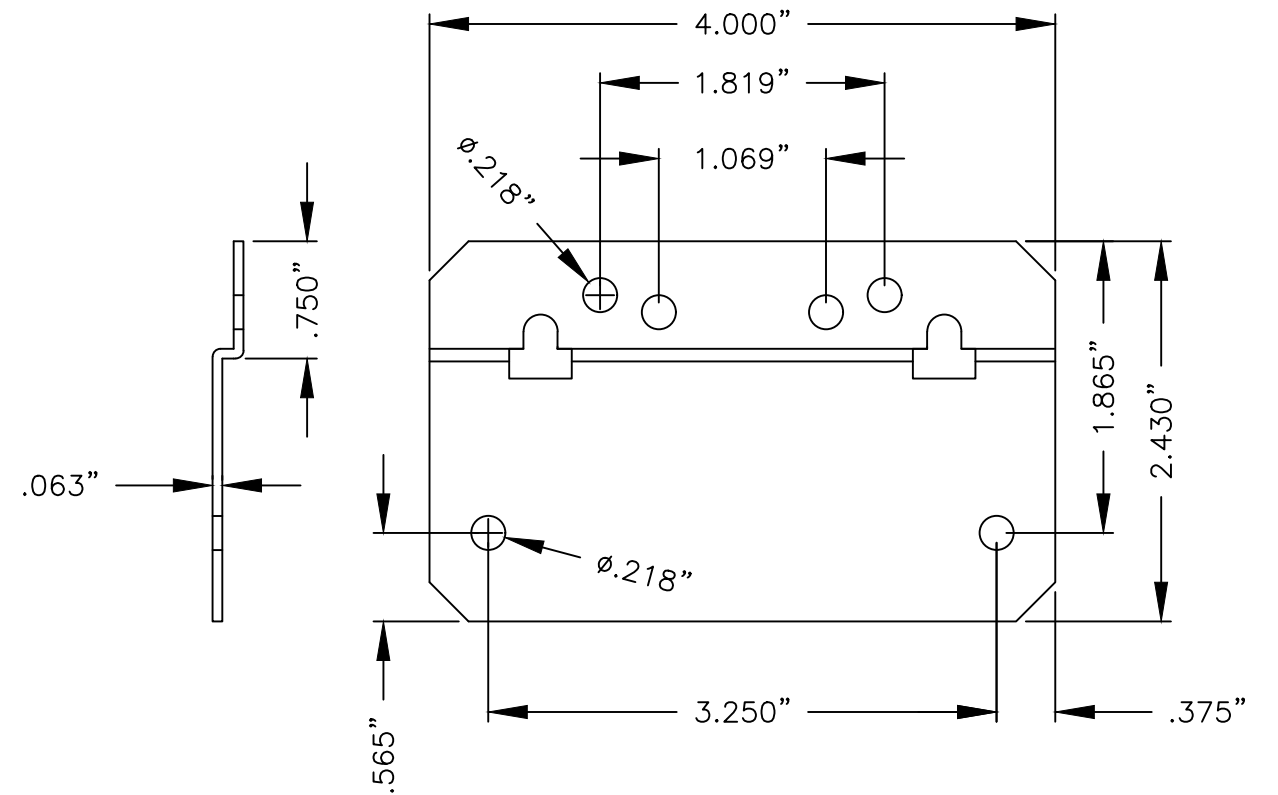
2023.12.12 10:29:57 -05'00'

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1630 Sliding Window - Impact Frame Installation to Concrete/CMU	
MI Windows and Doors 702 W. Market St. Gratz, PA 17030	
Drawing No.: 27488.14-1004 Project No.: 27488.14-107-16 Drawn By: MDS REV: - Date: 12/12/23	
Scale: NTS	Sheet 6 of 7

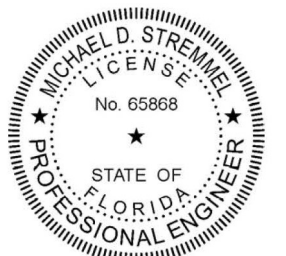


M-2336 FRAME CLIP
6063-T5 ALUMINUM



HD000063 ANCHOR STRAP
COLD ROLLED STEEL (GALVANIZED)

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**1630 Sliding Window - Impact
Installation Accessories**

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