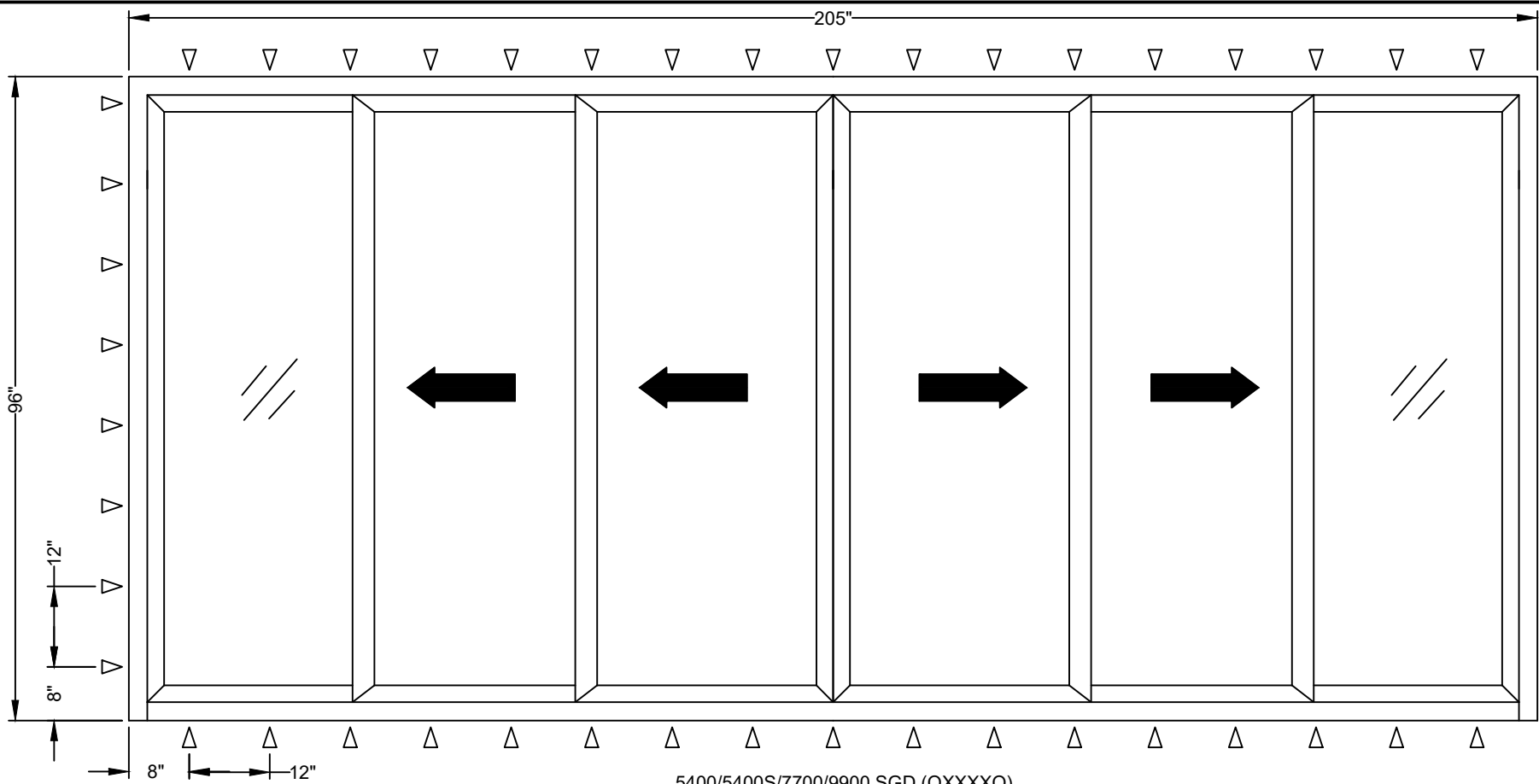
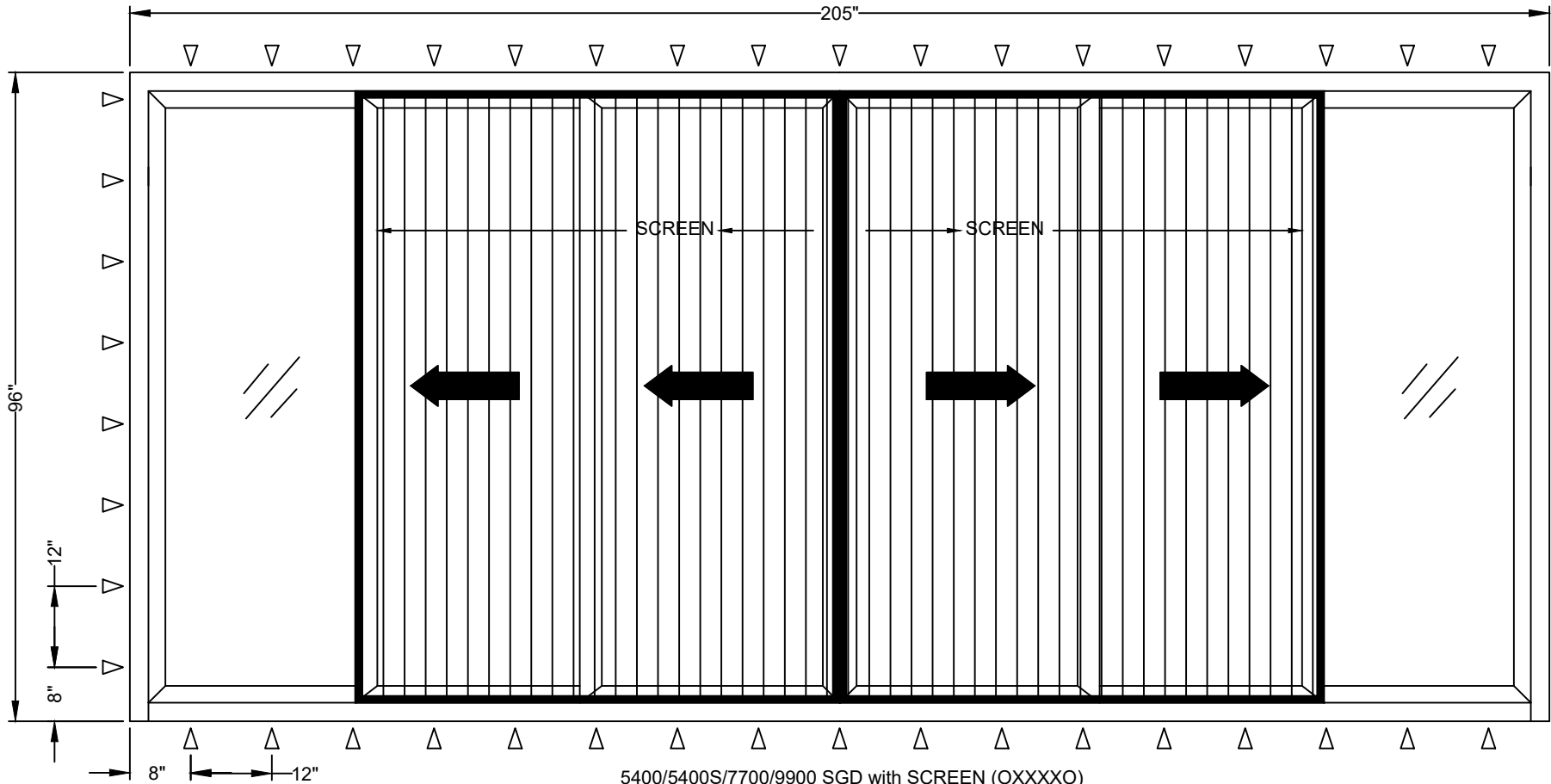




5400/5400S/7700/9900 SGD (OXXXXO)
Maximum Size: 205" x 96"
Design Pressure: +35/-45 psf
Design Pressure with Overhang: +45/-45 psf (see Note 12)

FIN INSTALLATIONS



5400/5400S/7700/9900 SGD with SCREEN (OXXXXO)
Maximum Size: 205" x 96"
Design Pressure: +25/-45 psf
Design Pressure with Overhang: +45/-45 psf (see Note 12)

△ FIN ANCHOR - SEE SHEET 4 TO SHEET 5

NOTES:

- Installations depicted satisfy the requirements of the Florida Building Code, Building 9th Edition (2026) 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 not impact resistant and require approved protection devices if used in wind-borne debris regions.
- Not for use in High Velocity Hurricane Zone (HVHZ).
- Doors installed under an overhang with Overhang Ratio ≥ 1 are exempt from water infiltration testing and may claim the maximum positive design pressure proven by testing (see FBC 1709.5.1 Exception 2)
- All fasteners and connectors used on products installed within 3000 feet of a saltwater coast shall comply with FBC Section 1711.

CONTENTS:

Sheets 1-3	Elevations and Notes
Sheet 4	Fin Install to Wood
Sheet 5	Fin Install to Steel Stud
Sheet 6	Frame Install to Wood
Sheet 7	Frame Install to Steel Stud
Sheets 8-9	Frame Install to Concrete or CMU
Sheet 10	Strap Install to Wood
Sheet 11	Strap Install to Steel Stud
Sheets 12-13	Strap Install to Concrete or CMU
Sheet 14	Glazing Detail
Sheet 15	Accessories
Sheets 16-17	Sections and BOM
Sheet 18	Components

FOR 205" X 96" DOORS
PANEL SIZE: 35-7/8" X 91-1/8"
DLO: 29" X 84-5/8"
GLAZING: INS. GLASS; TWO (2) 1/8" TEMPERED GLASS
OR
INS GLASS; 1/8" TEMPERED GLASS (EXTERIOR)
(2) 1/8" ANNEALED GLASS 0.030" PVB (INTERIOR)

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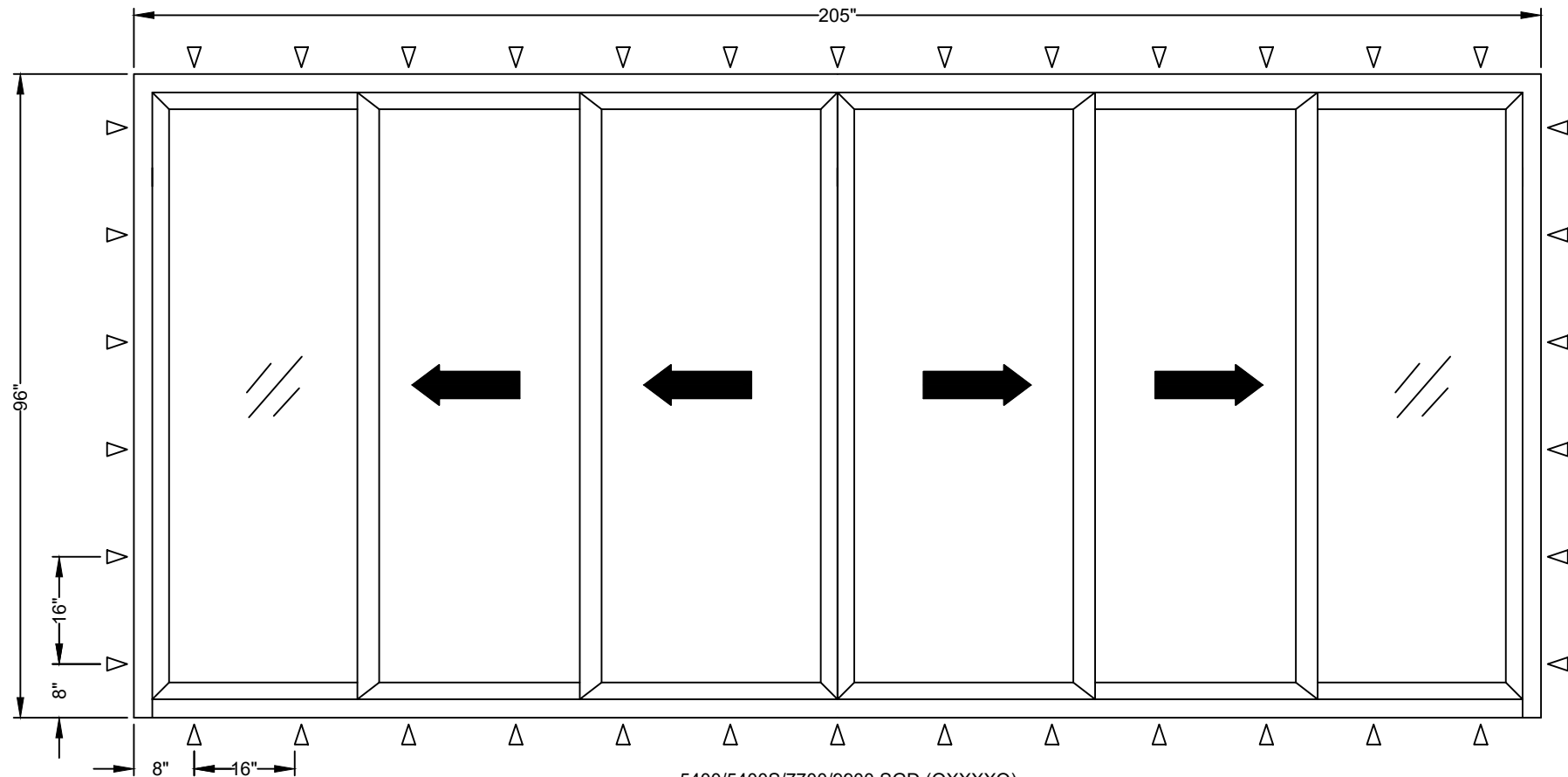
Michael D. Stremmel

5400/5400S/7700/9900 SGD
Non-Impact
Elevations and Notes

Wincore Windows & Doors
250 Staunton Turnpike
Parkersburg, WV 26104

Drawing No.: 27675.03-1001
Project No.: 27675.03-107-16
Drawn By: MDS Rev: 1 Date: 8/17/26

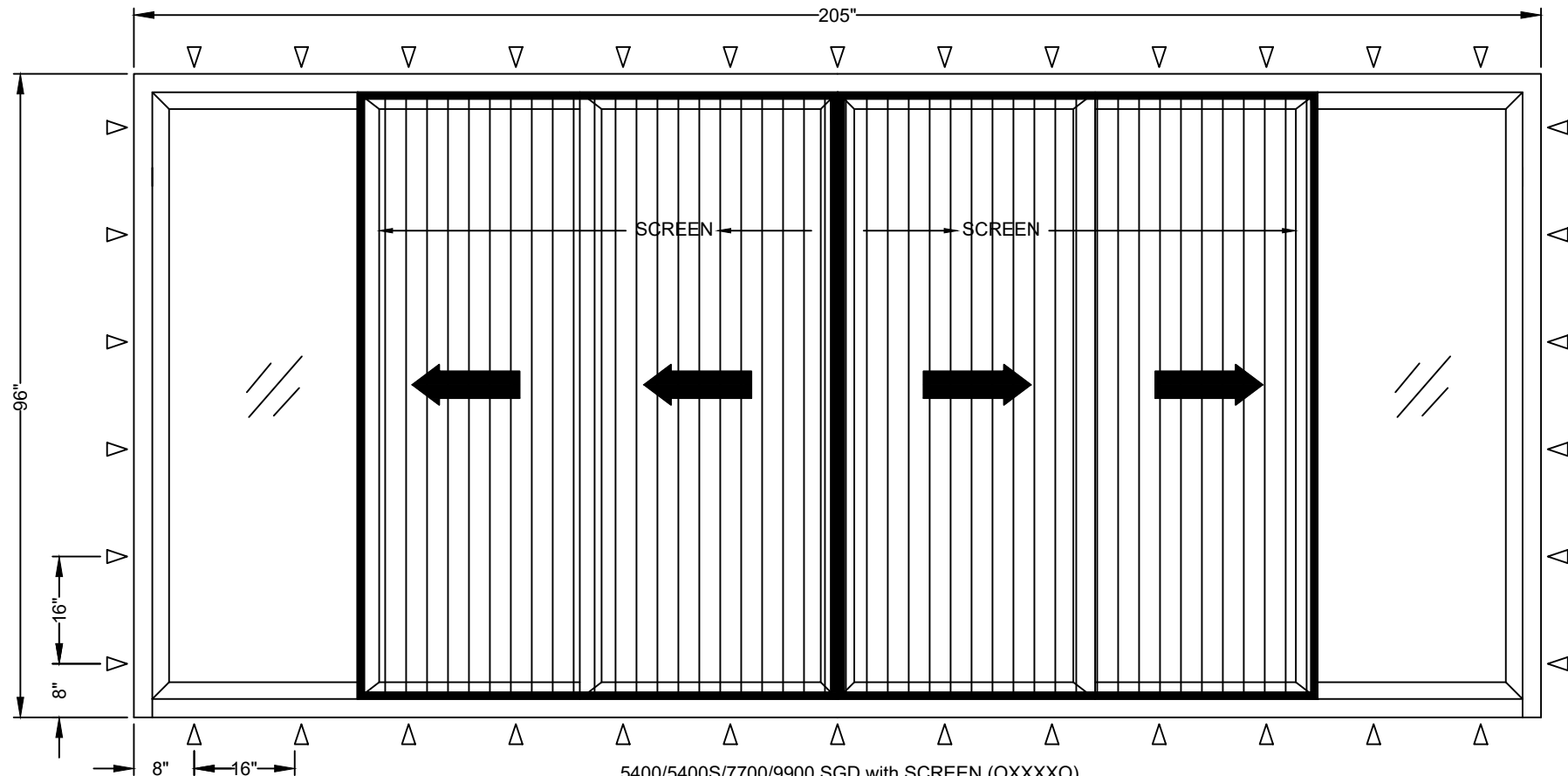
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FOR 205" X 96" DOORS
PANEL SIZE: 35-7/8" X 91-1/8"
DLO: 29" X 84-5/8"
GLAZING: INSULATING GLASS; TWO (2) 1/8" TEMPERED GLASS
OR
INSULATING GLASS; 1/8" TEMPERED GLASS (EXTERIOR)
(2) 1/8" ANNEALED GLASS 0.030"
PVB (INTERIOR)

5400/5400S/7700/9900 SGD (OXXXXO)
Maximum Size: 205" x 96"
Design Pressure: +35/-45 psf
Design Pressure with Overhang: +45/-45 psf (see Note 12)

FRAME OR STRAP INSTALLATIONS



5400/5400S/7700/9900 SGD with SCREEN (OXXXXO)
Maximum Size: 205" x 96"
Design Pressure: +25/-45 psf
Design Pressure with Overhang: +45/-45 psf (see Note 12)

△ FRAME OR STRAP ANCHOR - SEE SHEET 6
TO SHEET 13

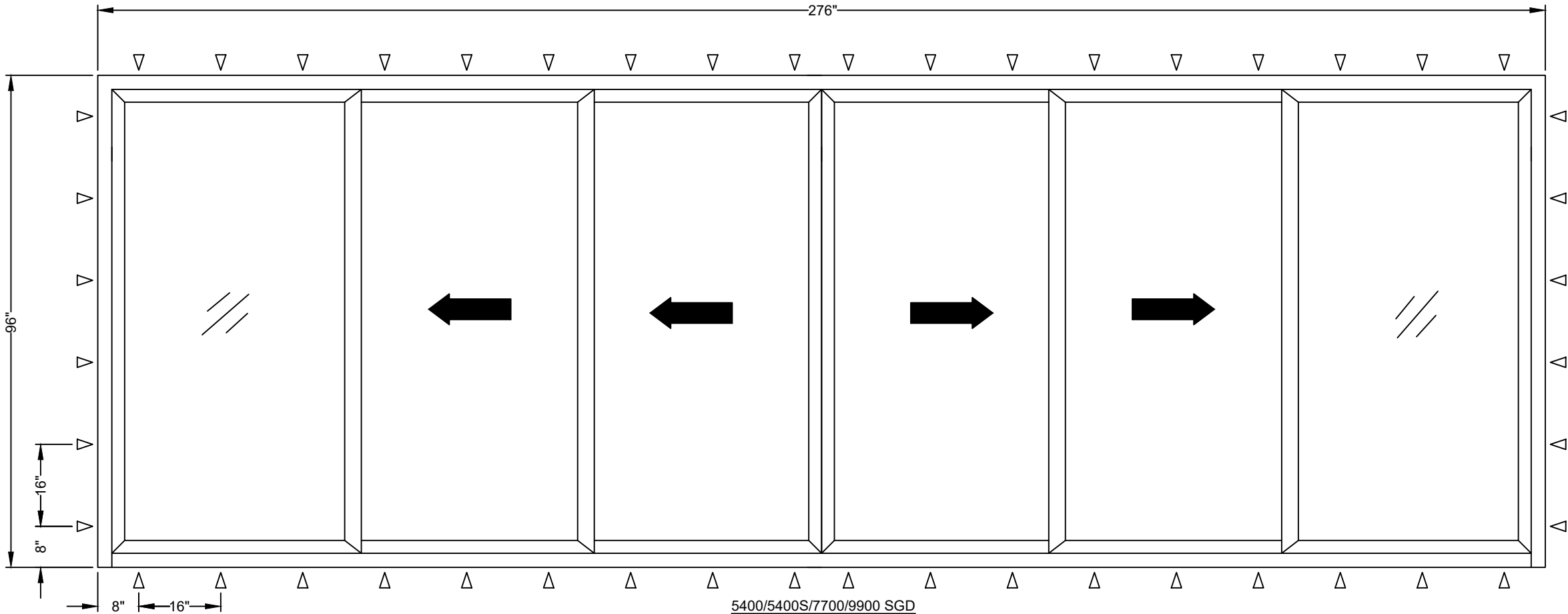
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5400/5400S/7700/9900 SGD Non-Impact Elevations and Notes	
Wincore Windows & Doors 250 Staunton Turnpike Parkersburg, WV 26104	
Drawing No.: 27675.03-1001 Project No.: 27675.03-107-16 Drawn By: MDS Rev: 1 Date: 8/17/26	
Scale: NTS	Sheet 2 of 18

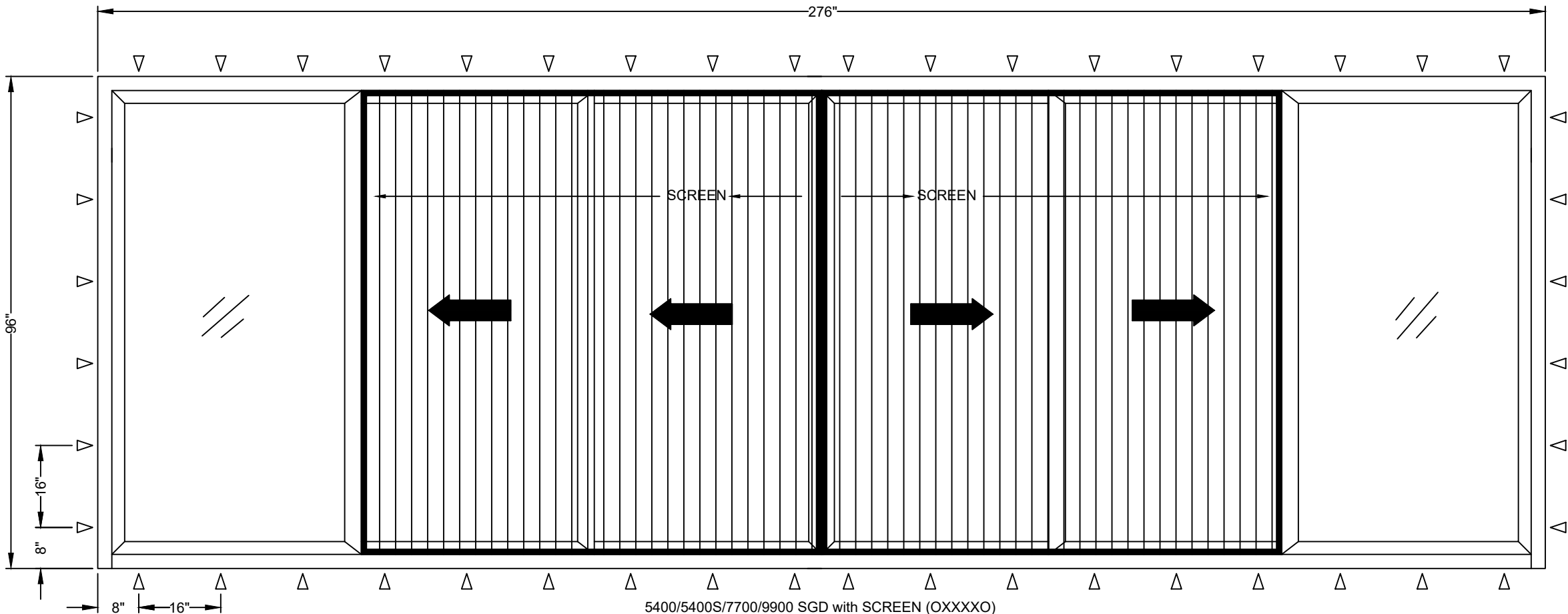


△ ANCHOR - SEE SHEET 4 TO SHEET 13

FOR 276" X 96" DOORS
PANEL SIZE: 47-1/2" X 91-1/8"
DLO: 41" X 84-5/8"
GLAZING: INSULATING GLASS; TWO (2) 1/8" TEMPERED GLASS
OR
INSULATING GLASS; 1/8" TEMPERED GLASS (EXTERIOR)
(2) 1/8" ANNEALED GLASS 0.030"
PVB (INTERIOR)

5400/5400S/7700/9900 SGD
(OXXXXO)
Maximum Size: 276" x 96"
Design Pressure: +30/-30 psf

ALL INSTALLATIONS



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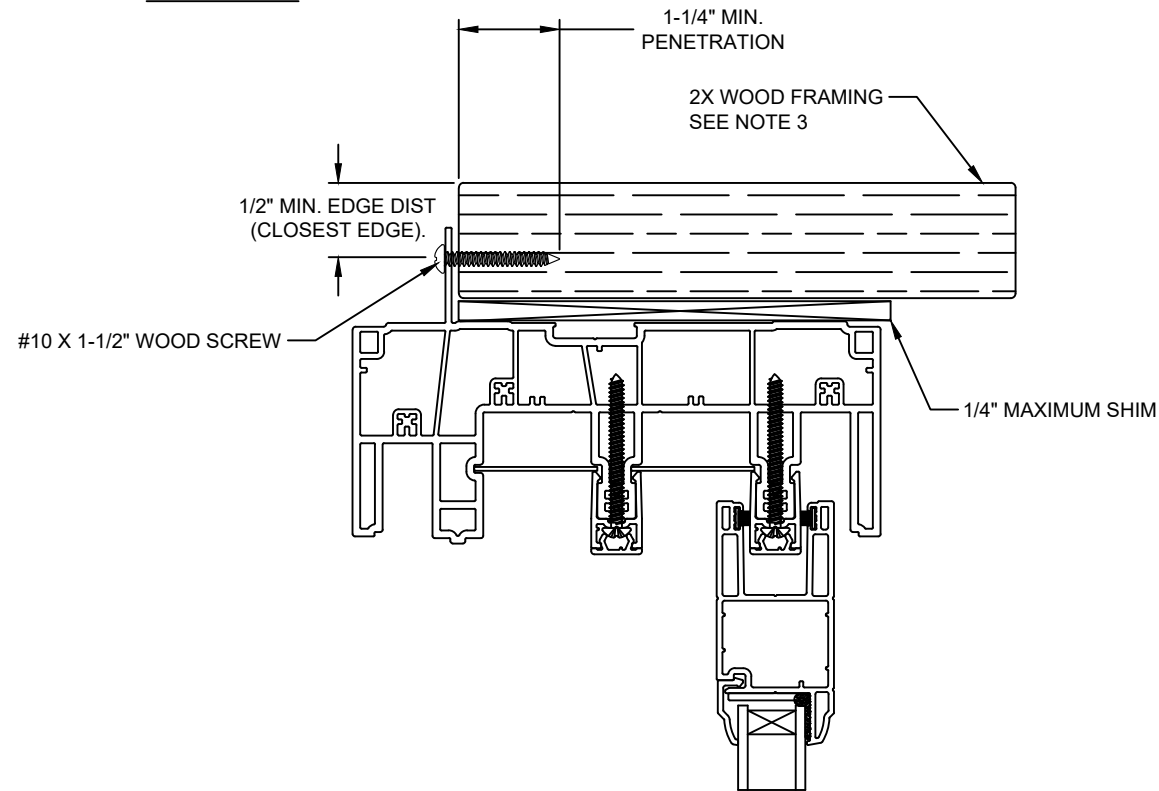
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5400/5400S/7700/9900 SGD with SCREEN (OXXXXO)
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Design Pressure: +15/-30 psf
Design Pressure with Overhang: +30/-30 psf (see Note 12)

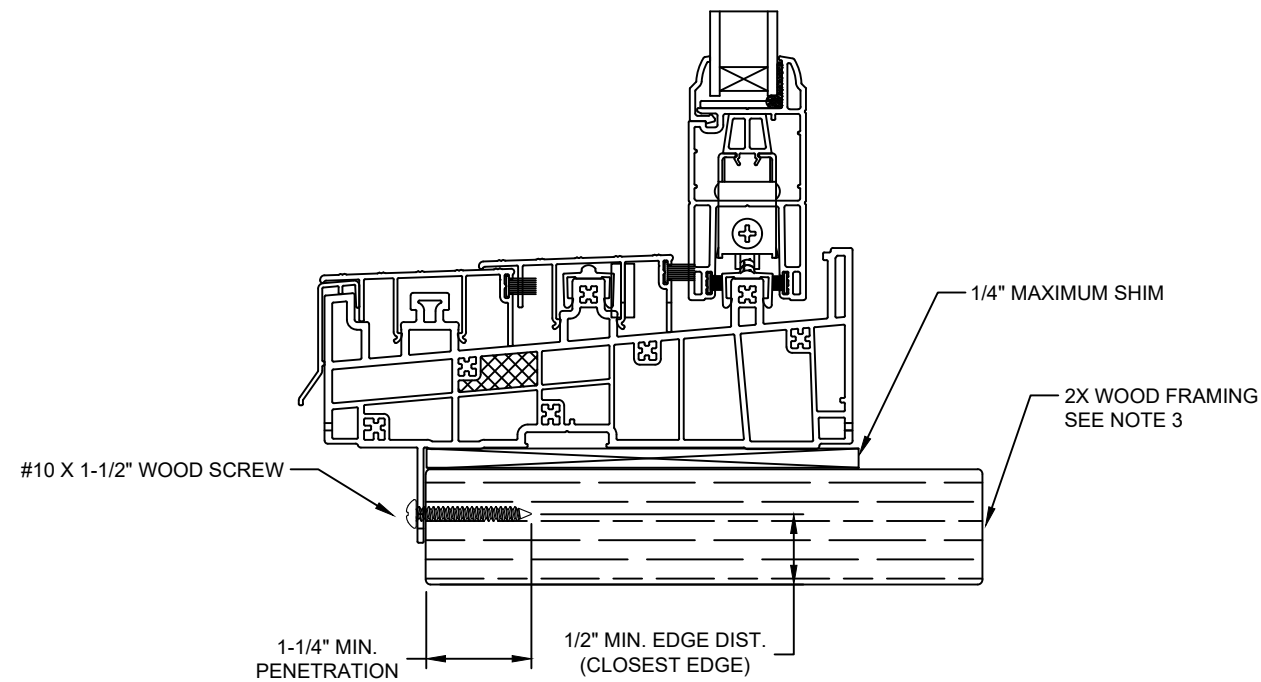
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Wincore Windows & Doors 250 Staunton Turnpike Parkersburg, WV 26104	
Drawing No.: 27675.03-1001 Project No.: 27675.03-107-16 Drawn By: MDS Rev: 1 Date: 8/17/26	
Scale: NTS	Sheet 3 of 18

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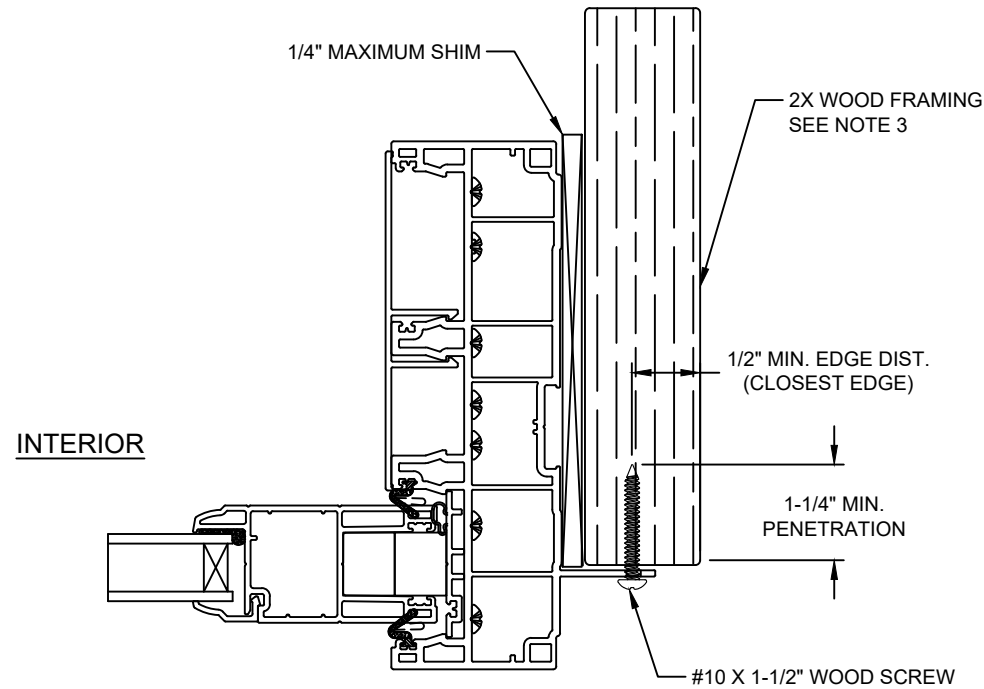
EXTERIOR

INTERIOR



SILL

NOTE:
IF SILL INSTALLED FINLESS TO WOOD, SEE SHEETS 6 AND 10
IF SILL INSTALLED FINLESS TO STEEL STUD, SEE SHEETS 7 AND 11
IF SILL INSTALLED FINLESS TO CONCRETE, SEE SHEETS 8, 9, 12 AND 13



INTERIOR

EXTERIOR

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5400/5400S/7700/9900 SGD

Non-Impact

Fin Install to Wood

Wincore Windows & Doors

250 Staunton Turnpike

Parkersburg, WV 26104

Drawing No.: 27675.03-1001

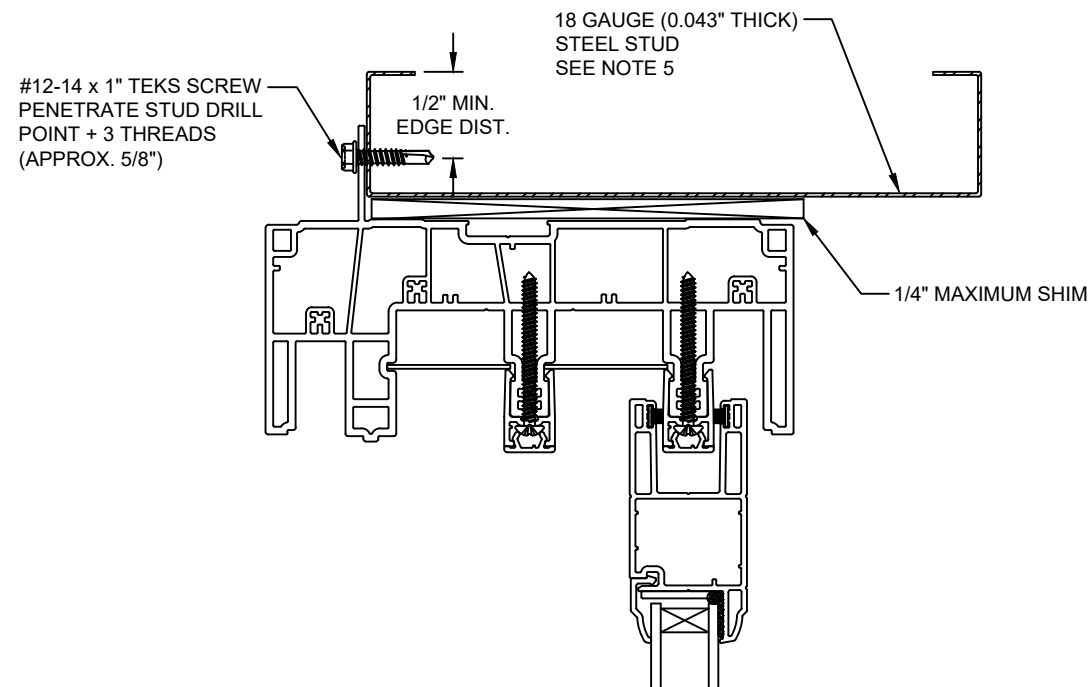
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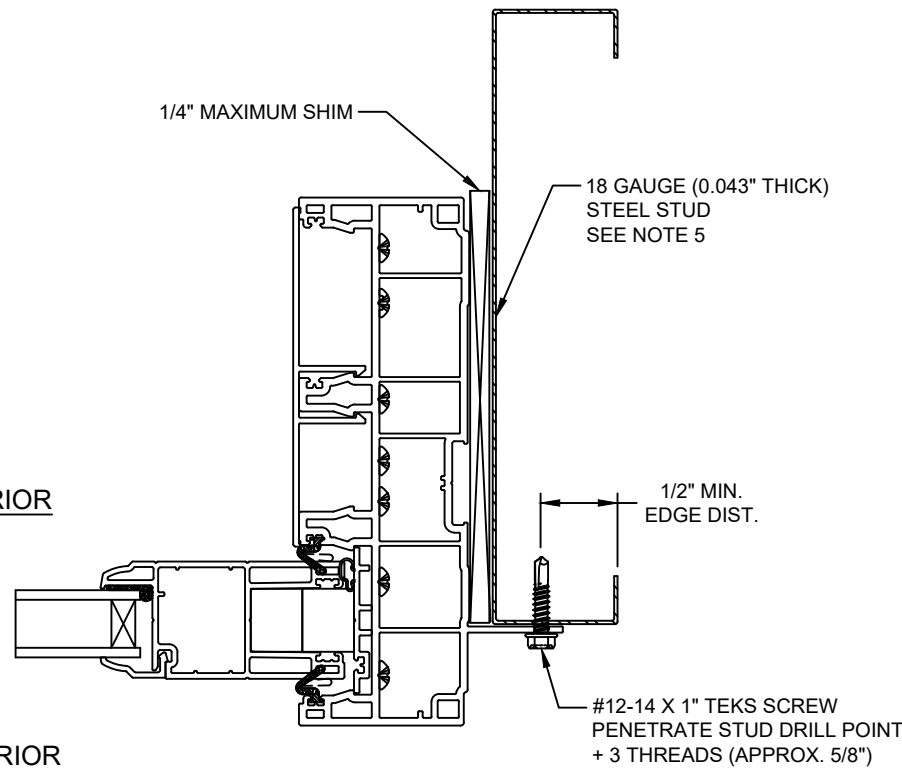
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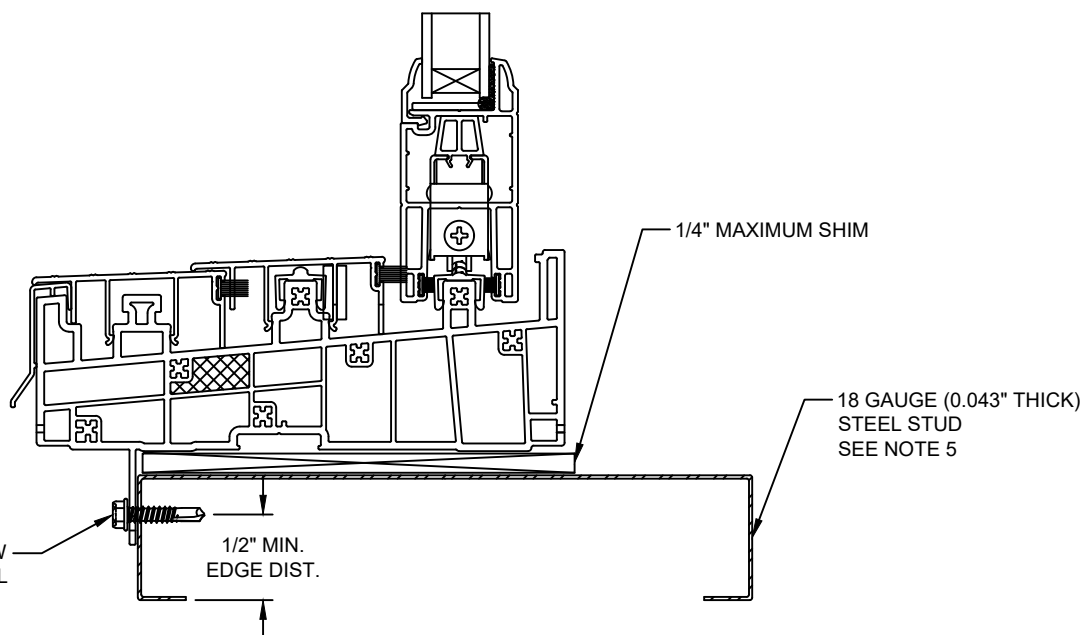
INTERIOR

JAMB



INTERIOR

EXTERIOR



SILL

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IF SILL INSTALLED FINLESS TO STEEL STUD, SEE SHEETS 7 AND 11
IF SILL INSTALLED FINLESS TO CONCRETE, SEE SHEETS 8, 9, 12 AND 13

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5400/5400S/7700/9900 SGD

Non-Impact

Fin Install to Steel Stud

Wincore Windows & Doors

250 Staunton Turnpike
Parkersburg, WV 26104

Drawing No.: 27675.03-1001

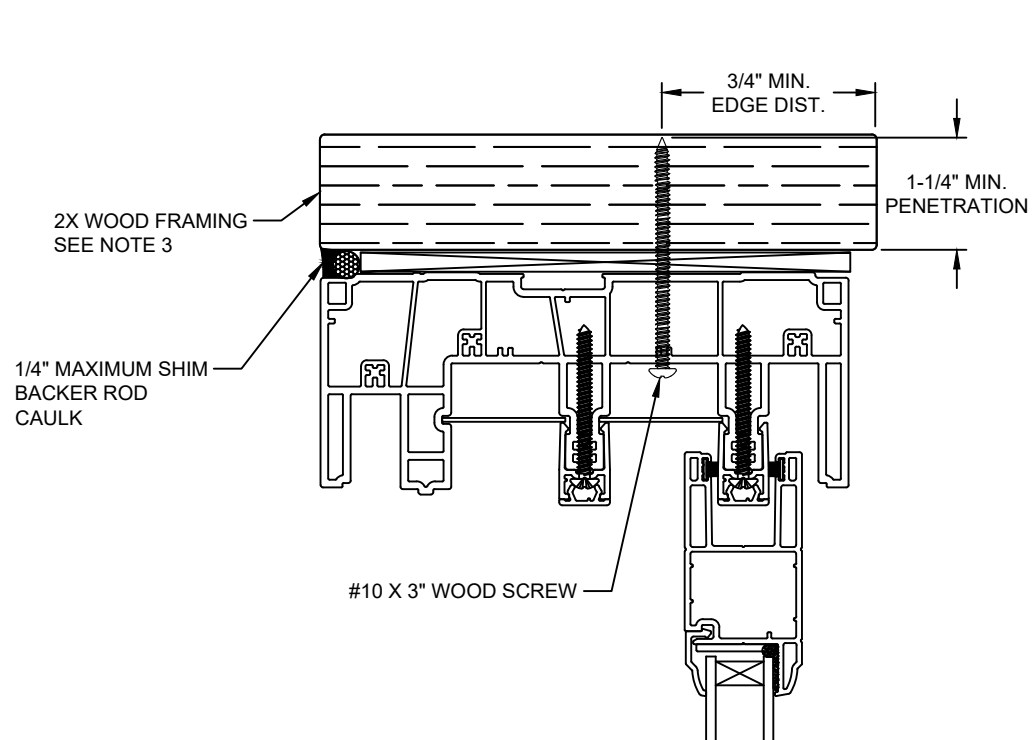
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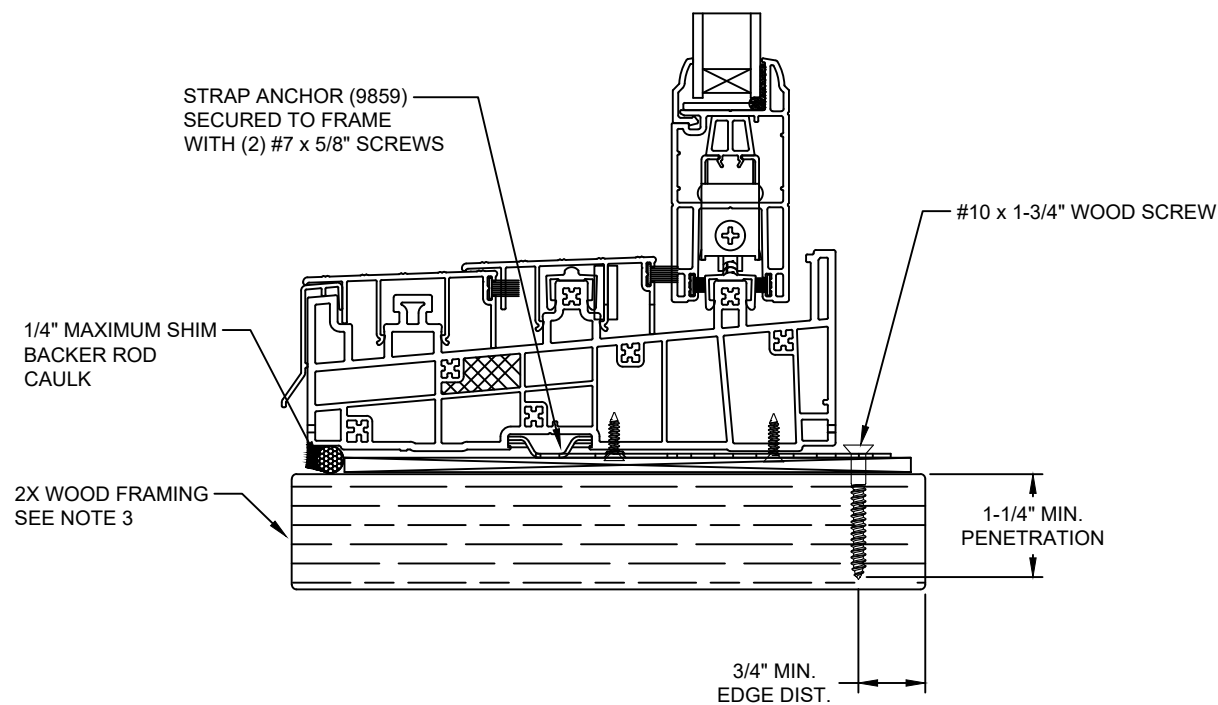
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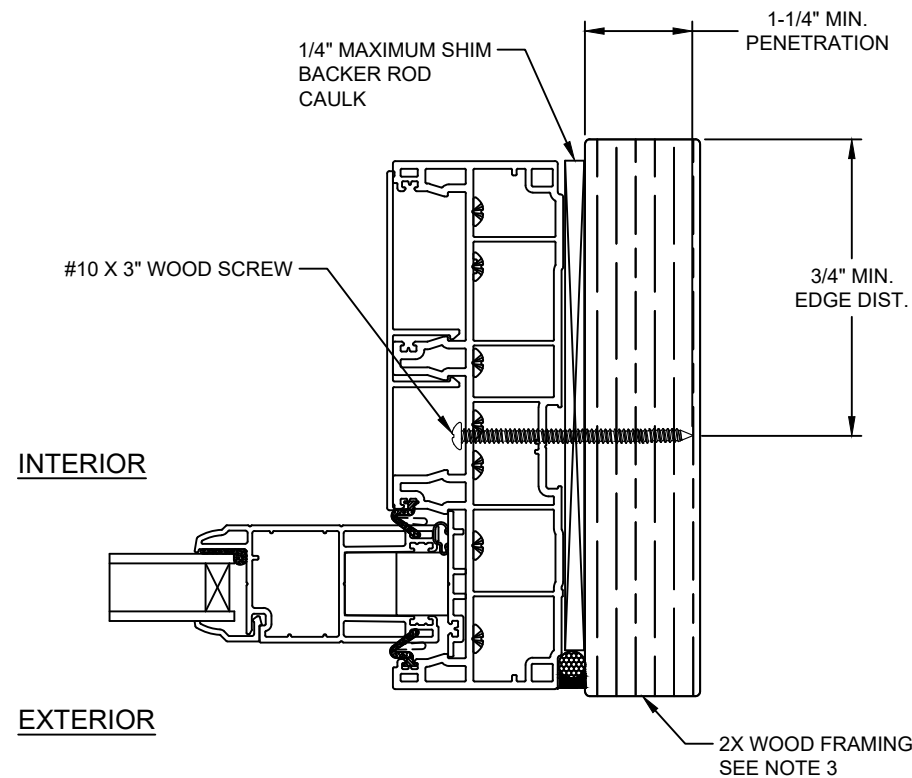
EXTERIOR

INTERIOR

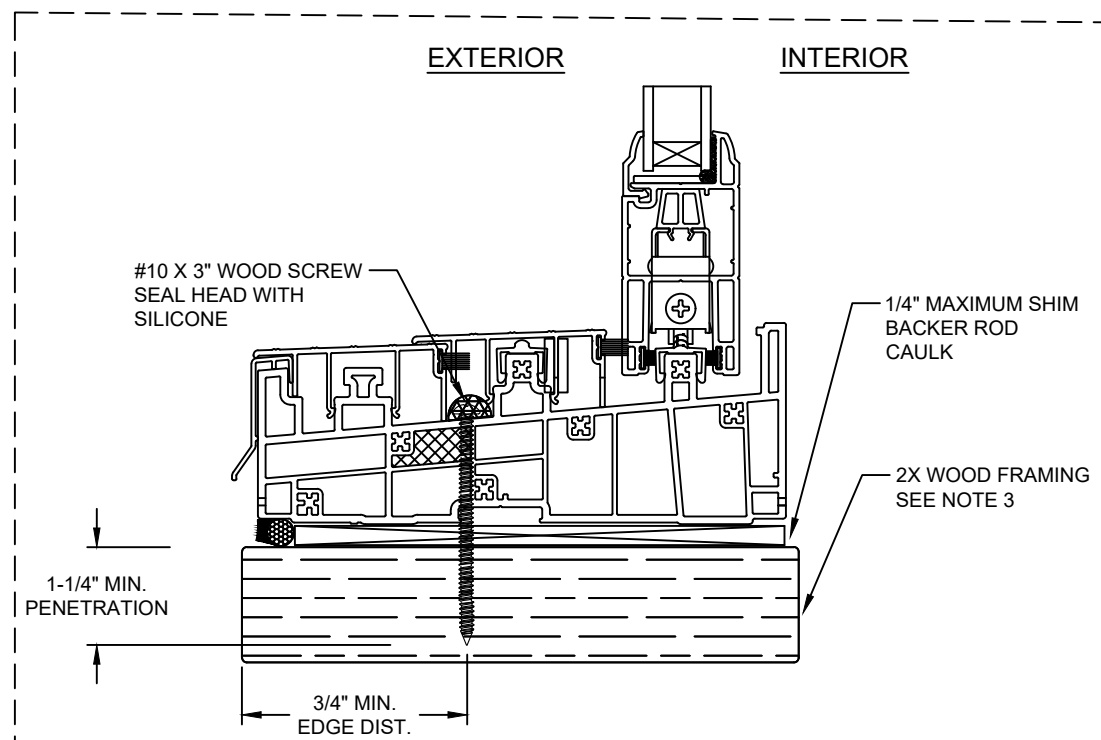


SILL

NOTE:
IF SILL INSTALLED TO STEEL STUD, SEE SHEETS 7 AND 11
IF SILL INSTALLED TO CONCRETE, SEE SHEETS 8, 9, 12 AND 13



JAMB



ALTERNATE SILL INSTALLATION

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Michael D. Stremmel

5400/5400S/7700/9900 SGD

**Non-Impact
Frame Install to Wood**

Wincore Windows & Doors

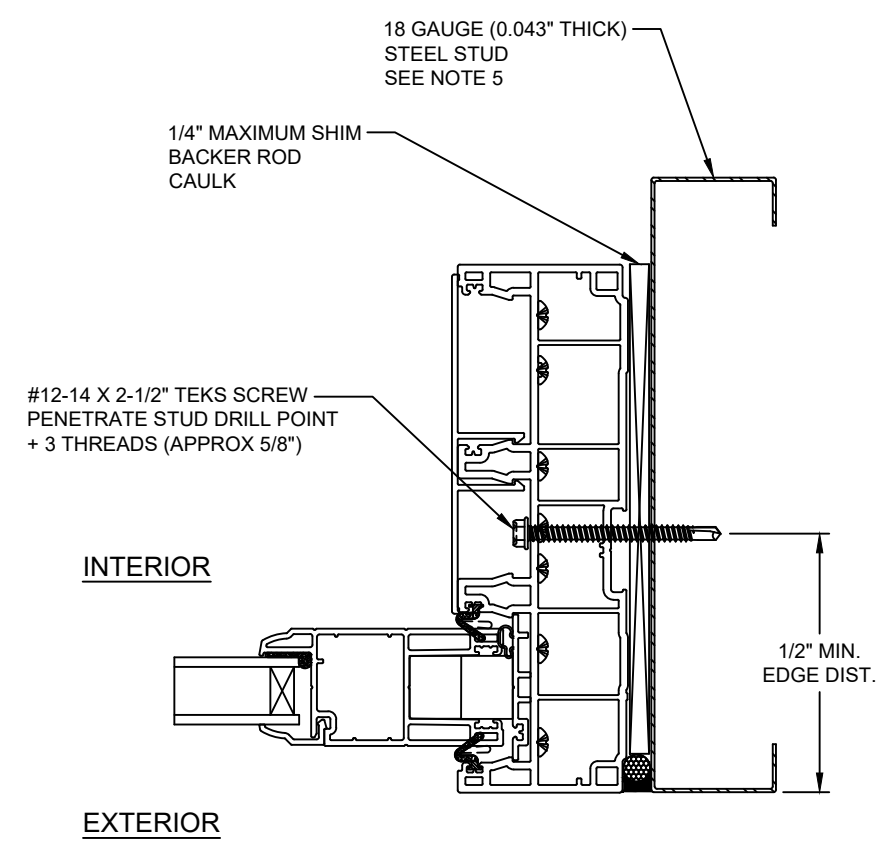
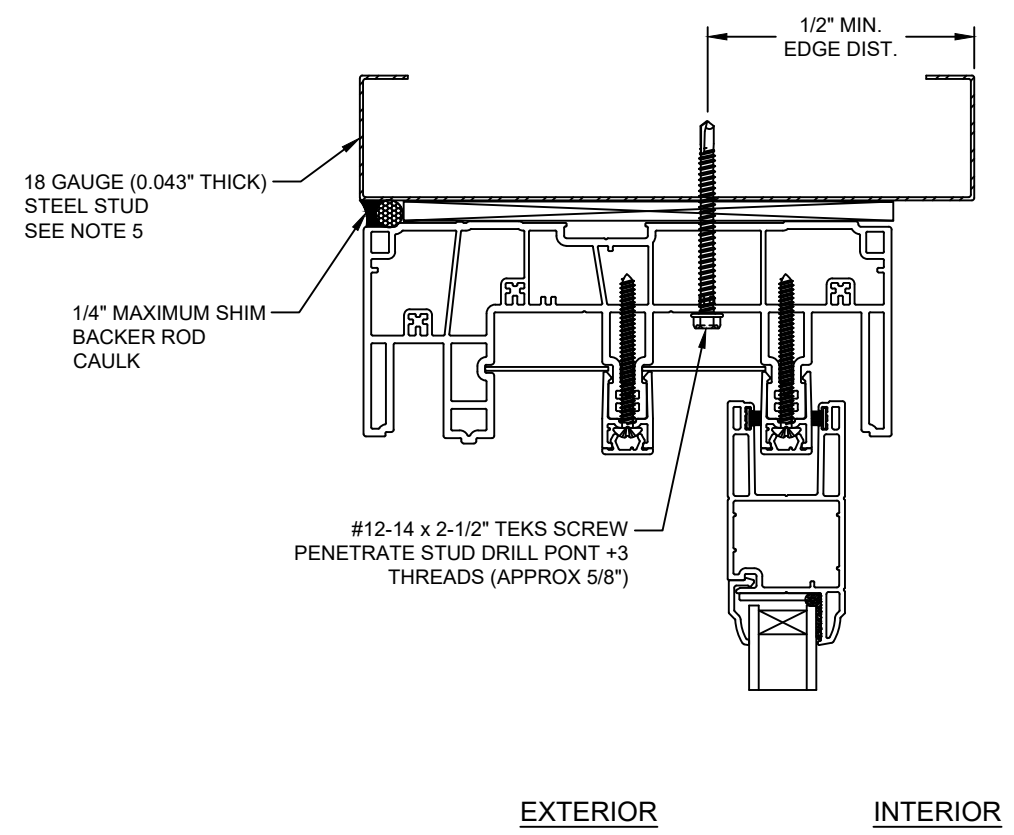
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Parkersburg, WV 26104

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Project No.: 27675.03-107-16
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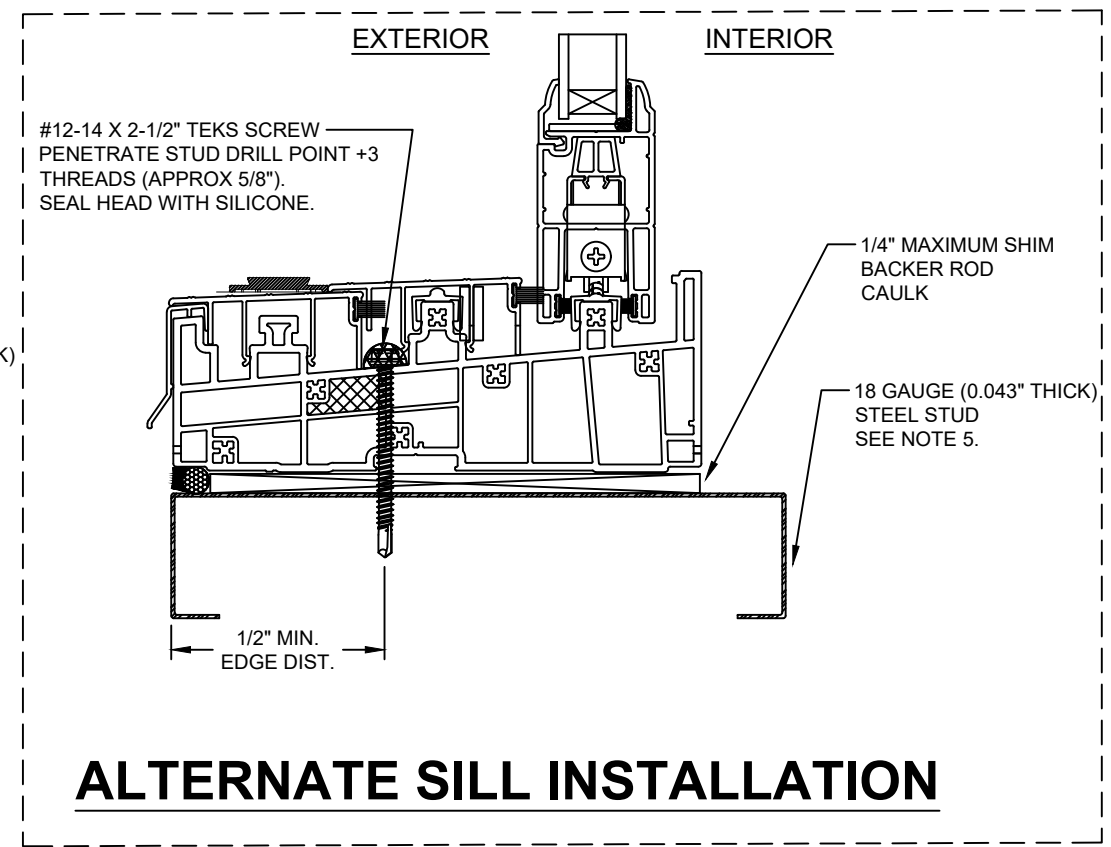
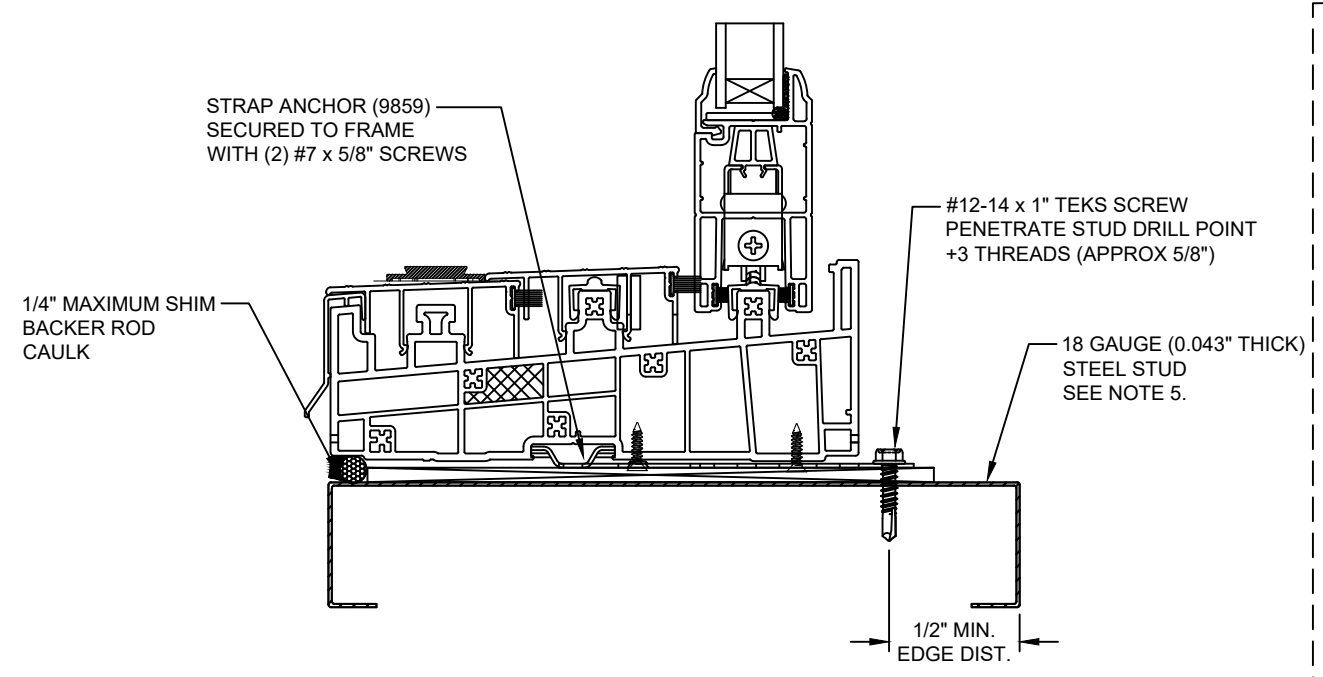
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Sheet 6 of 18

HEAD



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ALTERNATE SILL INSTALLATION

SILL

NOTE:
IF SILL INSTALLED TO WOOD, SEE SHEETS 6 AND 10
IF SILL INSTALLED TO CONCRETE, SEE SHEETS 8, 9, 12 AND 13

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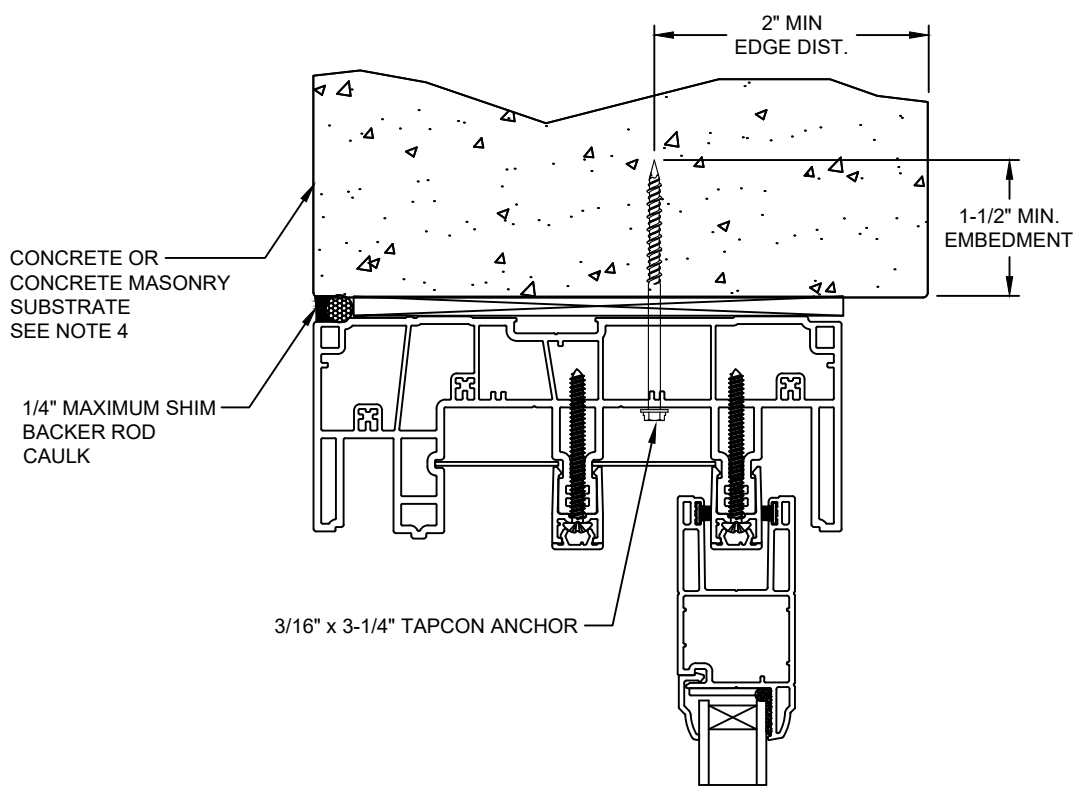
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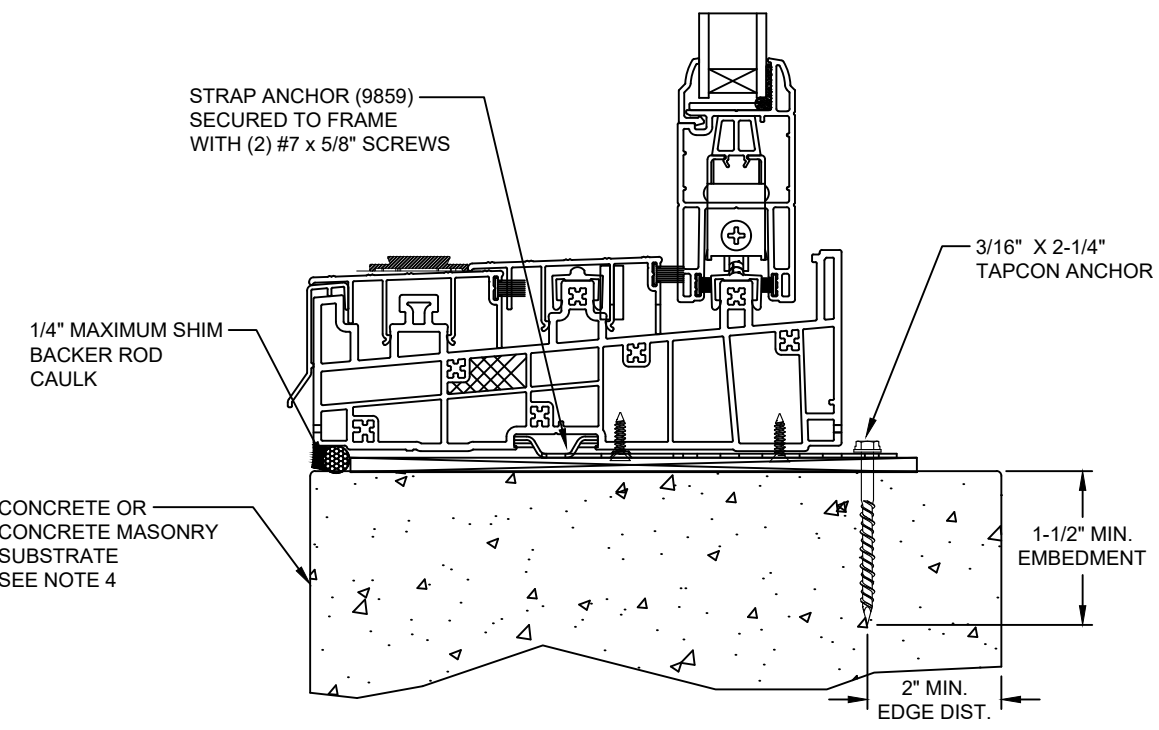
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Wincore Windows & Doors 250 Staunton Turnpike Parkersburg, WV 26104	
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Scale: NTS	Sheet 7 of 18

HEAD



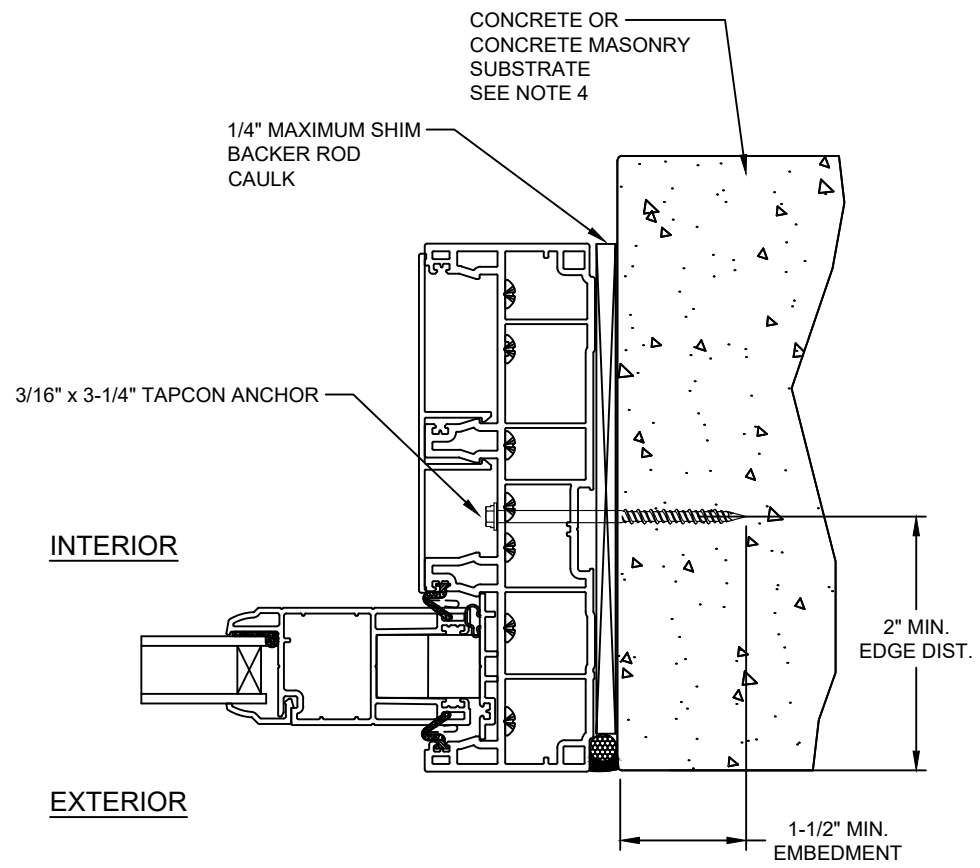
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INTERIOR



SILL

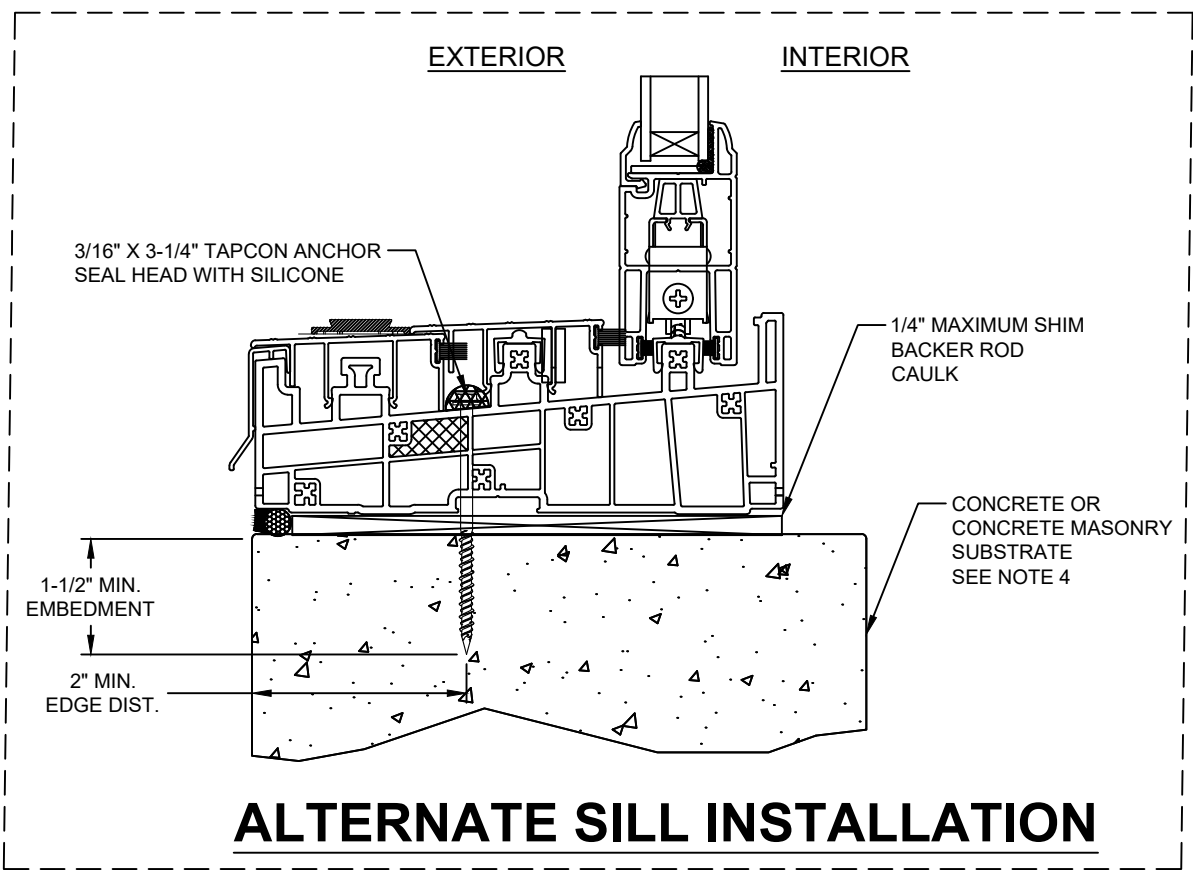
NOTE:
IF SILL INSTALLED TO WOOD, SEE SHEETS 6 AND 10
IF SILL INSTALLED TO STEEL STUD, SEE SHEETS 7 AND 11



INTERIOR

EXTERIOR

JAMB



ALTERNATE SILL INSTALLATION

Note:
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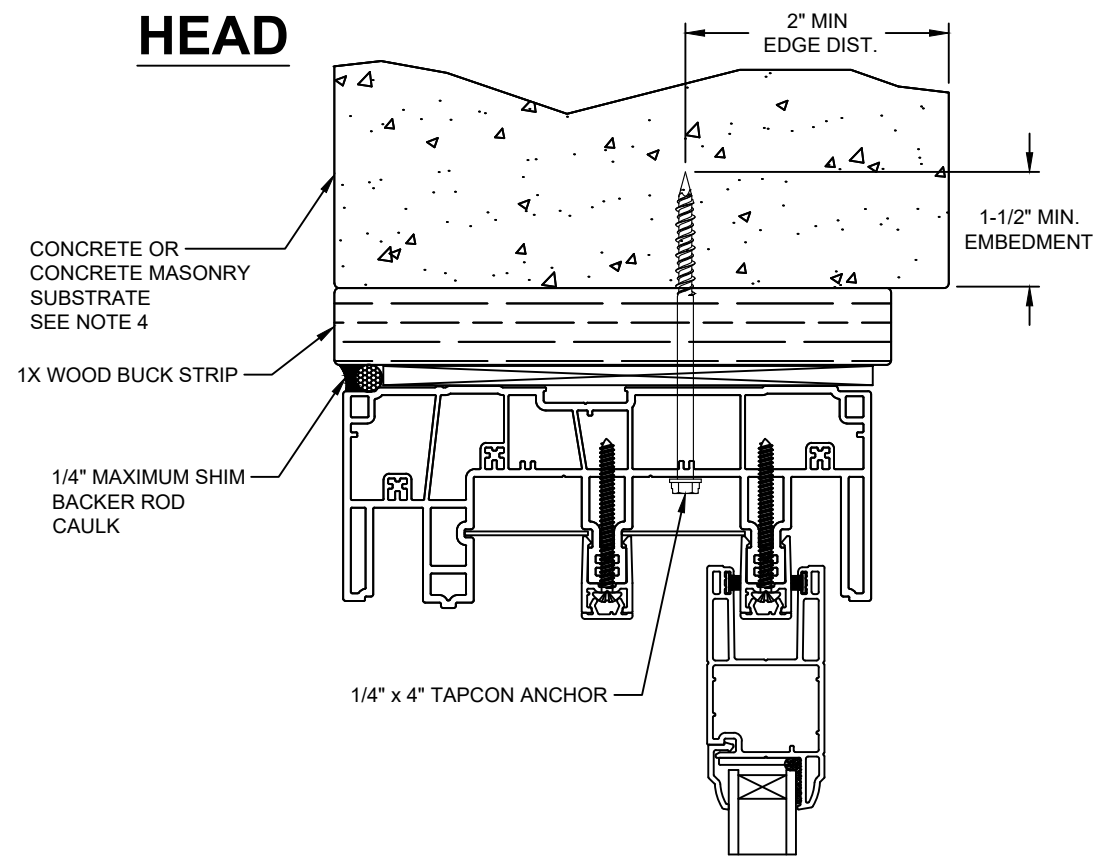
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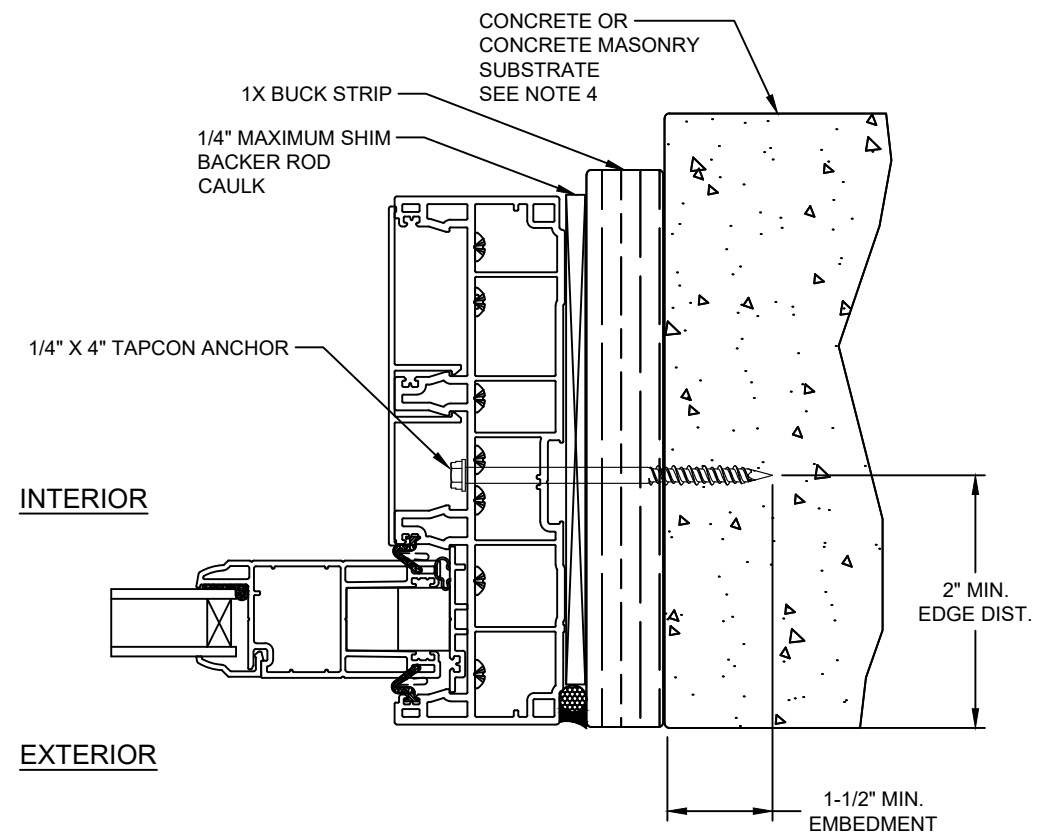
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Drawing No.: 27675.03-1001 Project No.: 27675.03-107-16 Drawn By: MDS Rev: 1 Date: 8/17/26	
Scale: NTS	Sheet 8 of 18

HEAD



EXTERIOR

INTERIOR

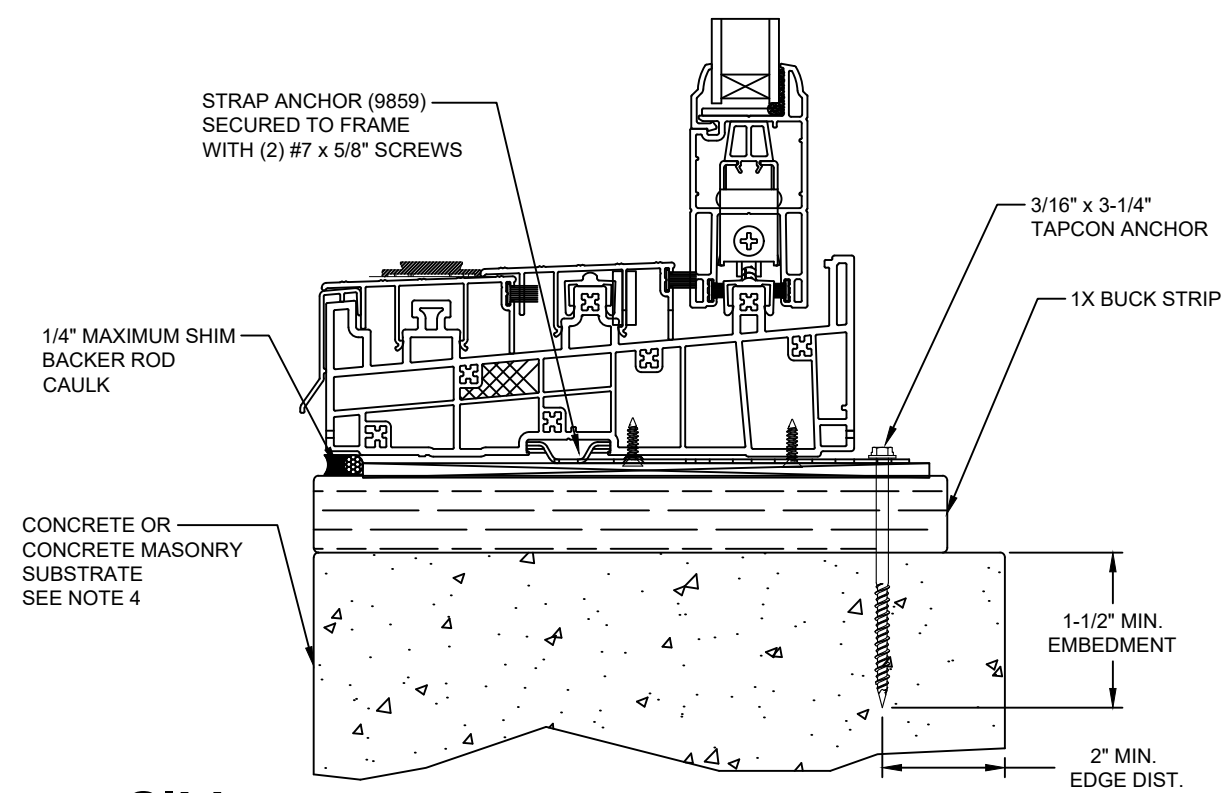


INTERIOR

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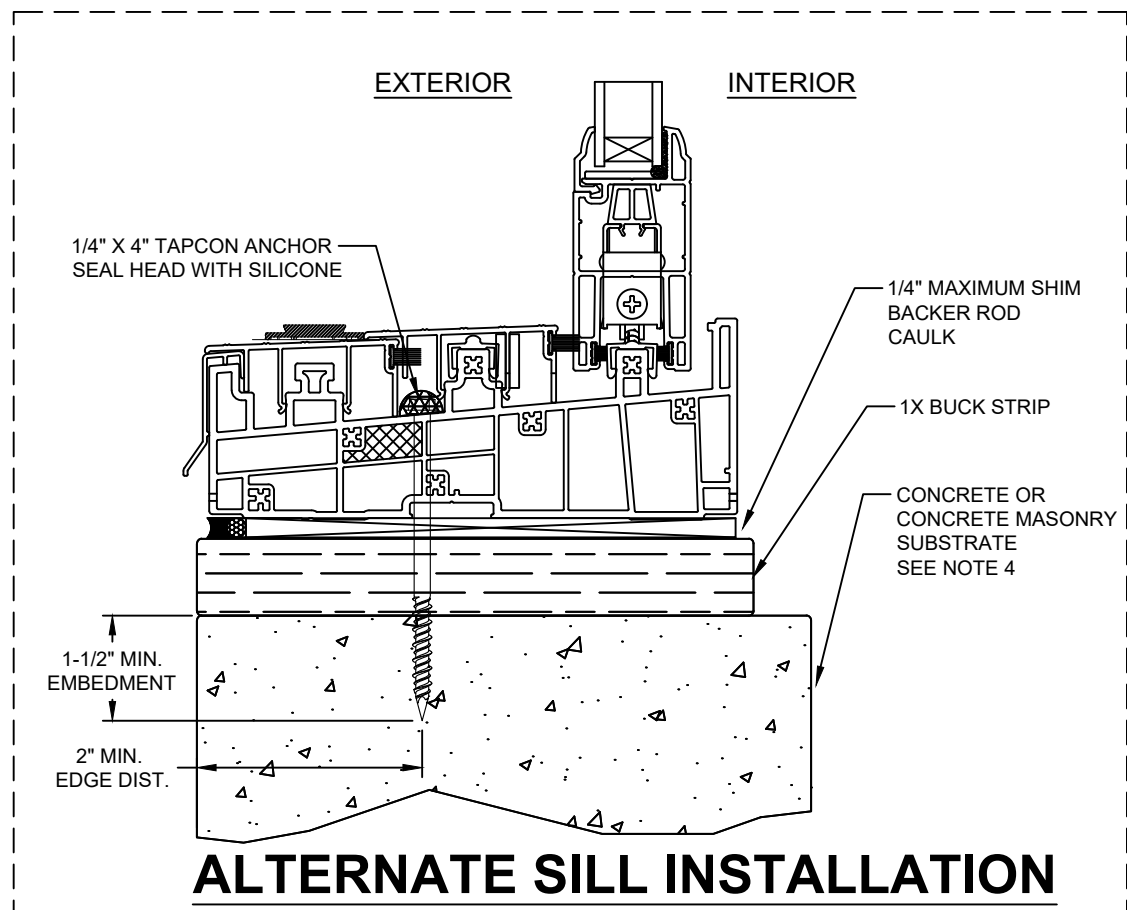
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Note:
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SILL

NOTE:
IF SILL INSTALLED TO WOOD, SEE SHEETS 6 AND 10
IF SILL INSTALLED TO STEEL STUD, SEE SHEETS 7 AND 11



ALTERNATE SILL INSTALLATION

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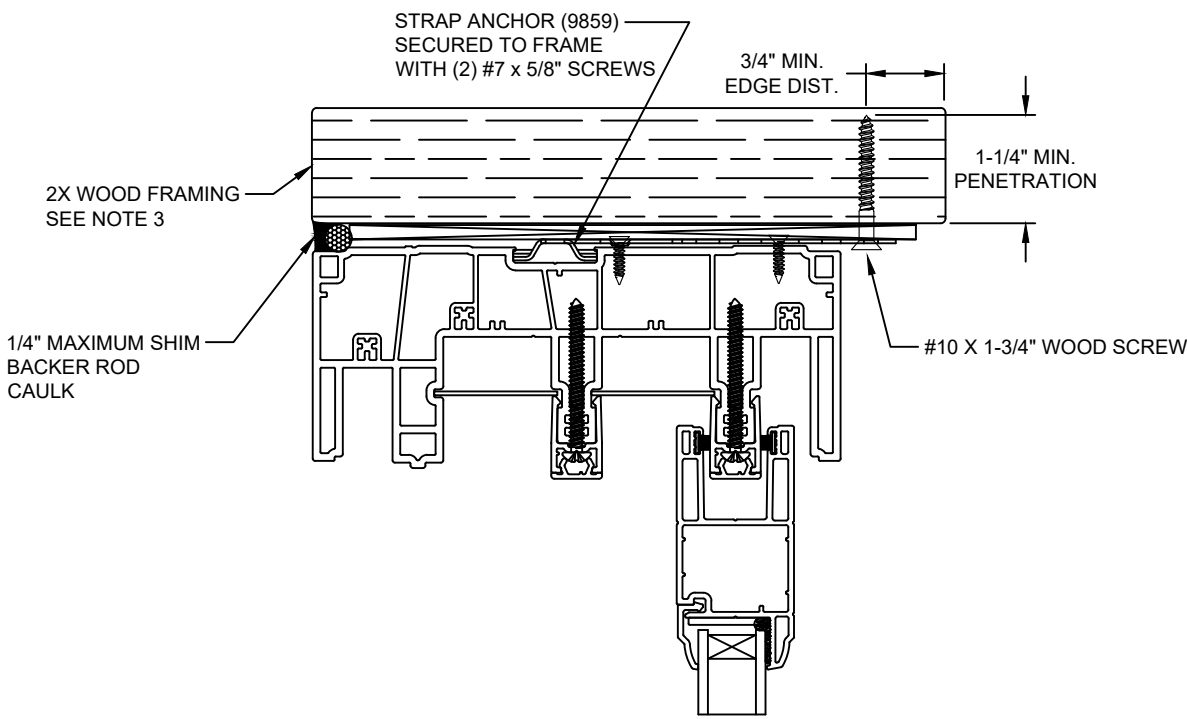
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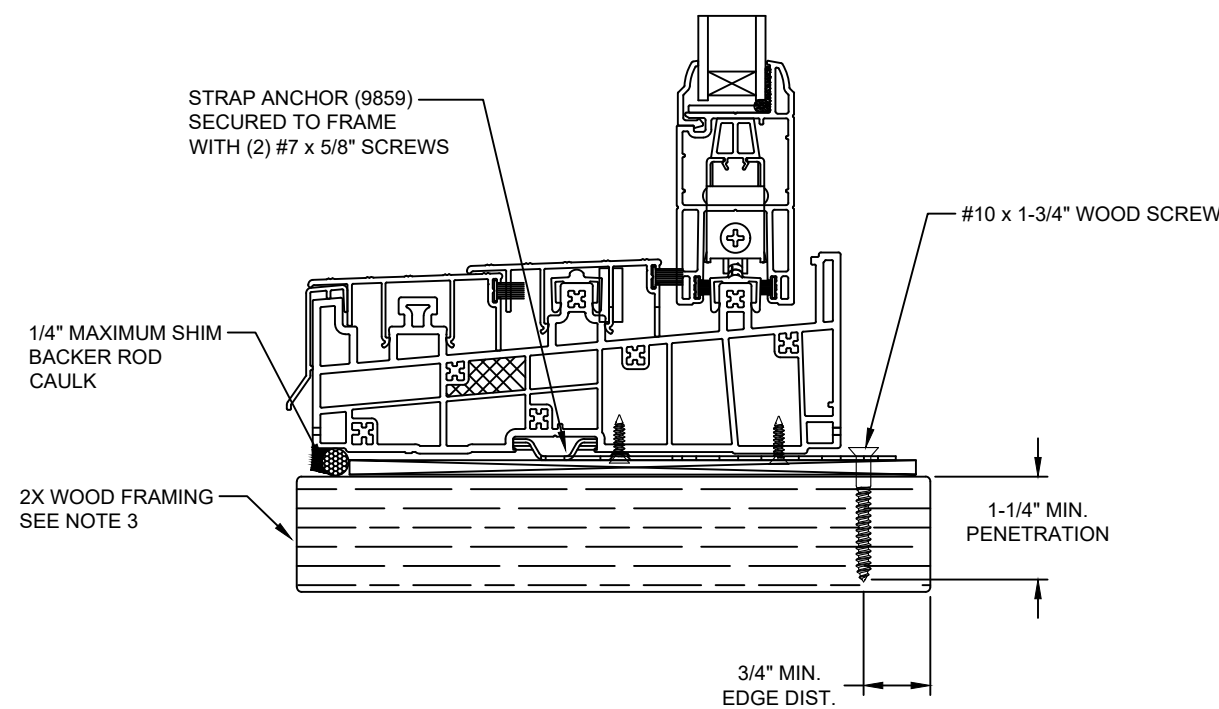
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Drawing No.: 27675.03-1001 Project No.: 27675.03-107-16 Drawn By: MDS Rev: 1 Date: 8/17/26	
Scale: NTS	Sheet 9 of 18

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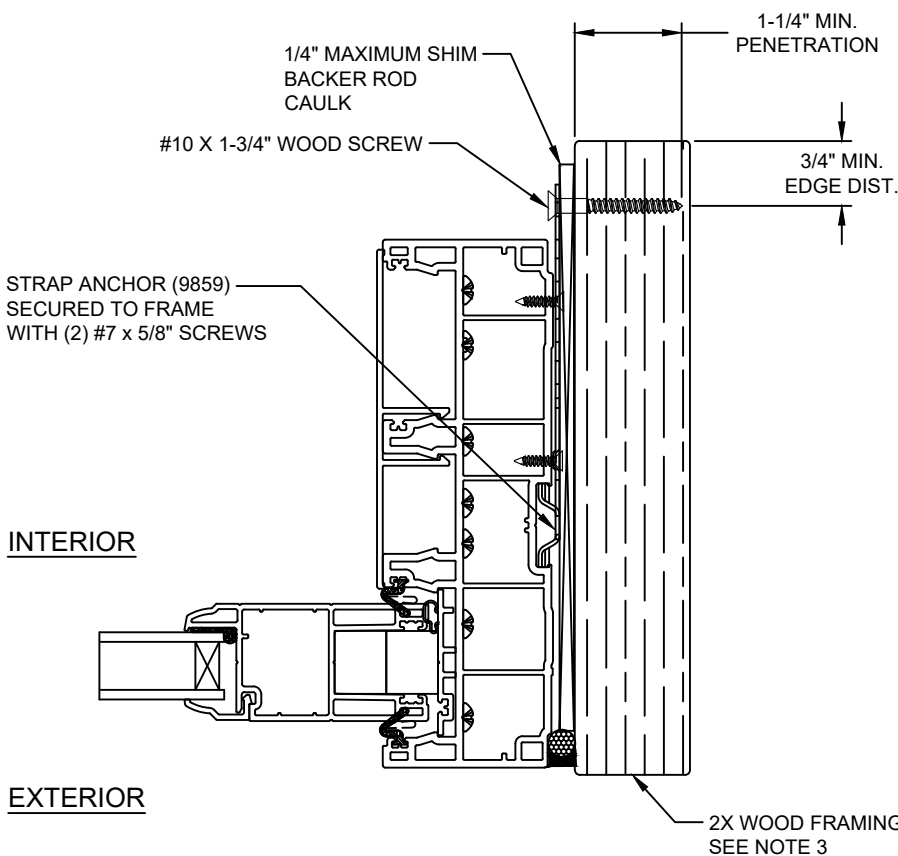
EXTERIOR

INTERIOR



SILL

NOTE:
IF SILL INSTALLED TO STEEL STUD, SEE SHEET 11
IF SILL INSTALLED TO CONCRETE, SEE SHEETS 12 AND 13



INTERIOR

EXTERIOR

JAMB

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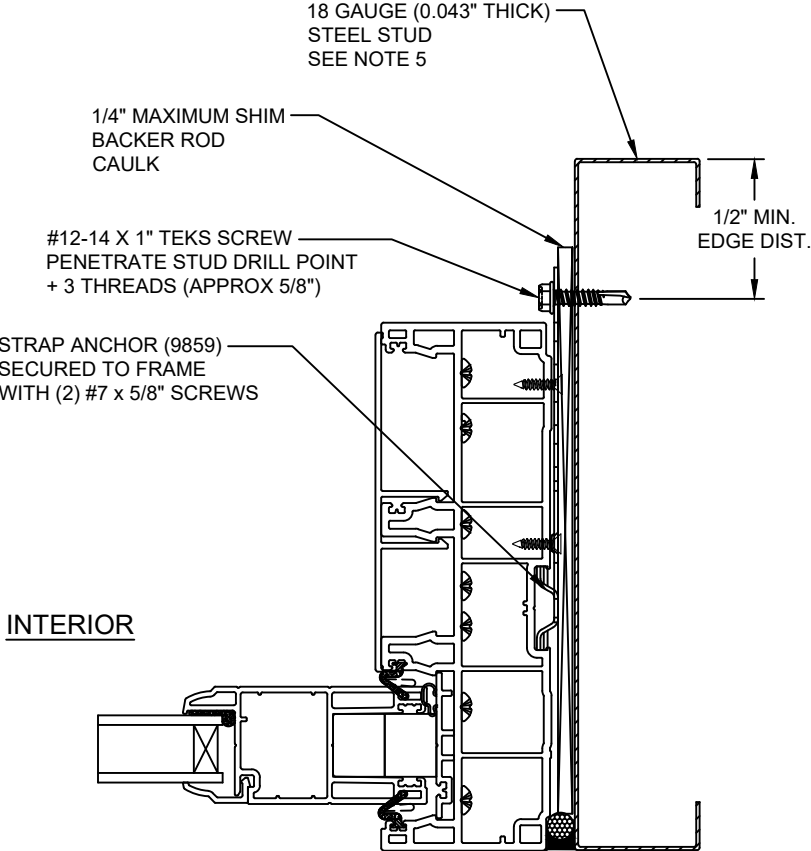
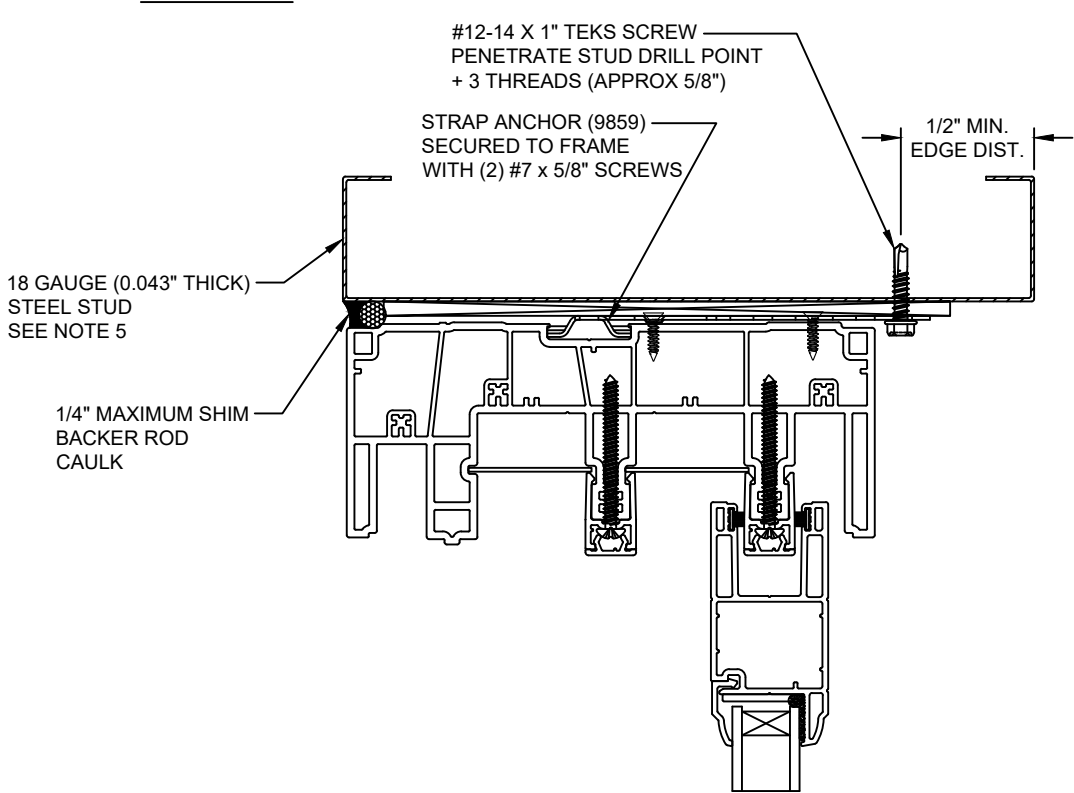
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FL REG 37122
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5400/5400S/7700/9900 SGD Non-Impact Strap Install to Wood	
Wincore Windows & Doors 250 Staunton Turnpike Parkersburg, WV 26104	
Drawing No.: 27675.03-1001 Project No.: 27675.03-107-16 Drawn By: MDS Rev: 1 Date: 8/17/26	
Scale: NTS	Sheet 10 of 18

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

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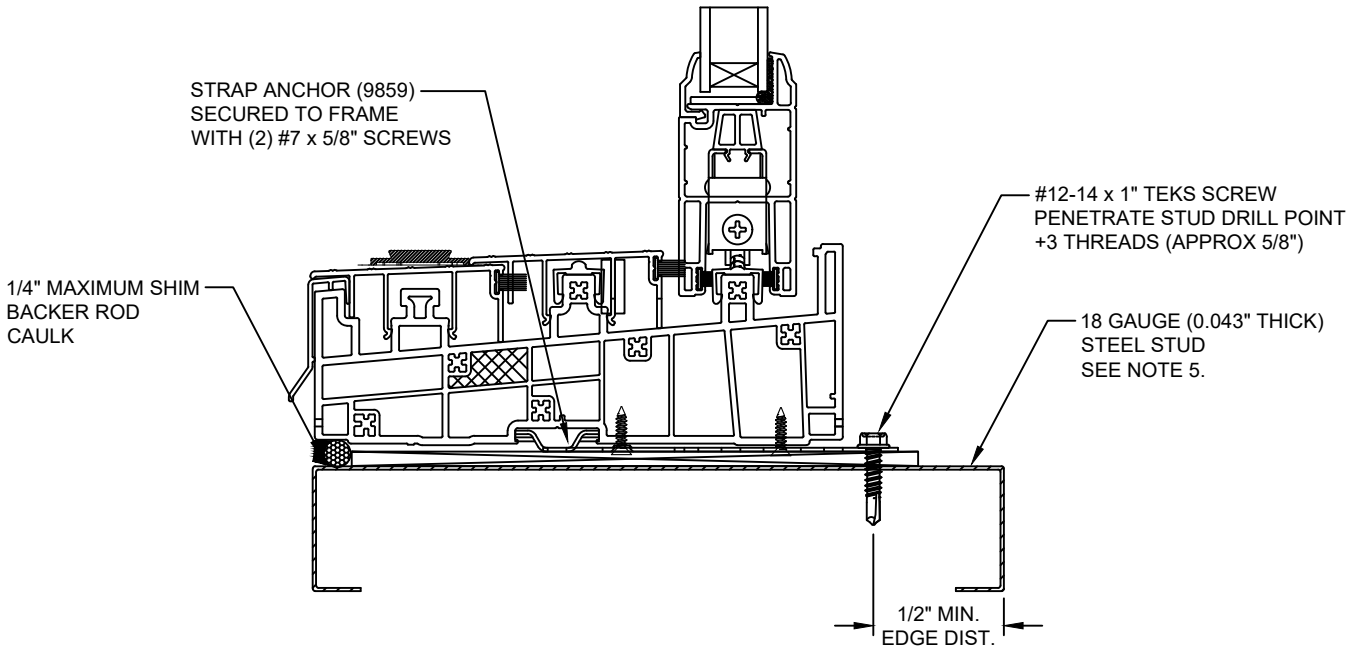


EXTERIOR

INTERIOR

EXTERIOR

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SILL

NOTE:
IF SILL INSTALLED TO WOOD, SEE SHEET 10
IF SILL INSTALLED TO CONCRETE, SEE SHEETS 12 AND 13

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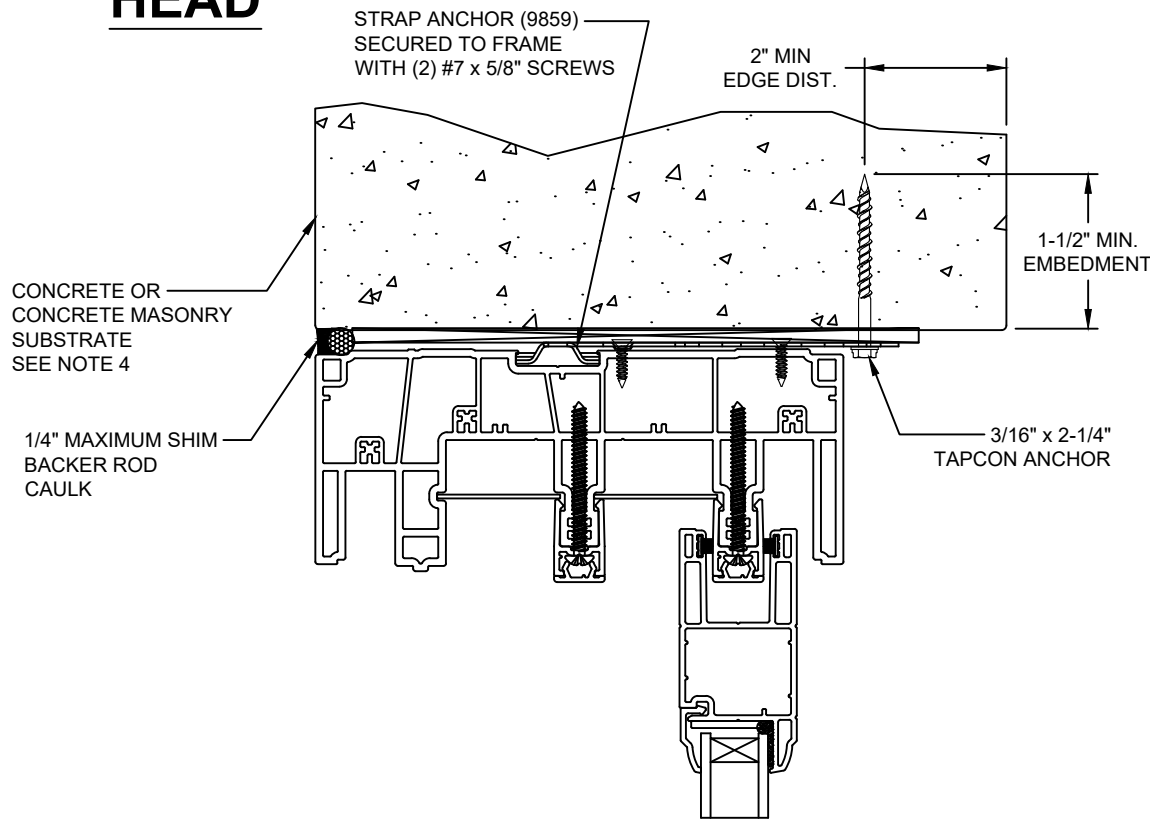


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FL REG 37122
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York, PA 17402
717-916-6300

2026.09.09 08:27:00 -04'00'

5400/5400S/7700/9900 SGD Non-Impact Strap Install to Steel Stud	
Wincore Windows & Doors 250 Staunton Turnpike Parkersburg, WV 26104	
Drawing No.: 27675.03-1001 Project No.: 27675.03-107-16 Drawn By: MDS Rev: 1 Date: 8/17/26	
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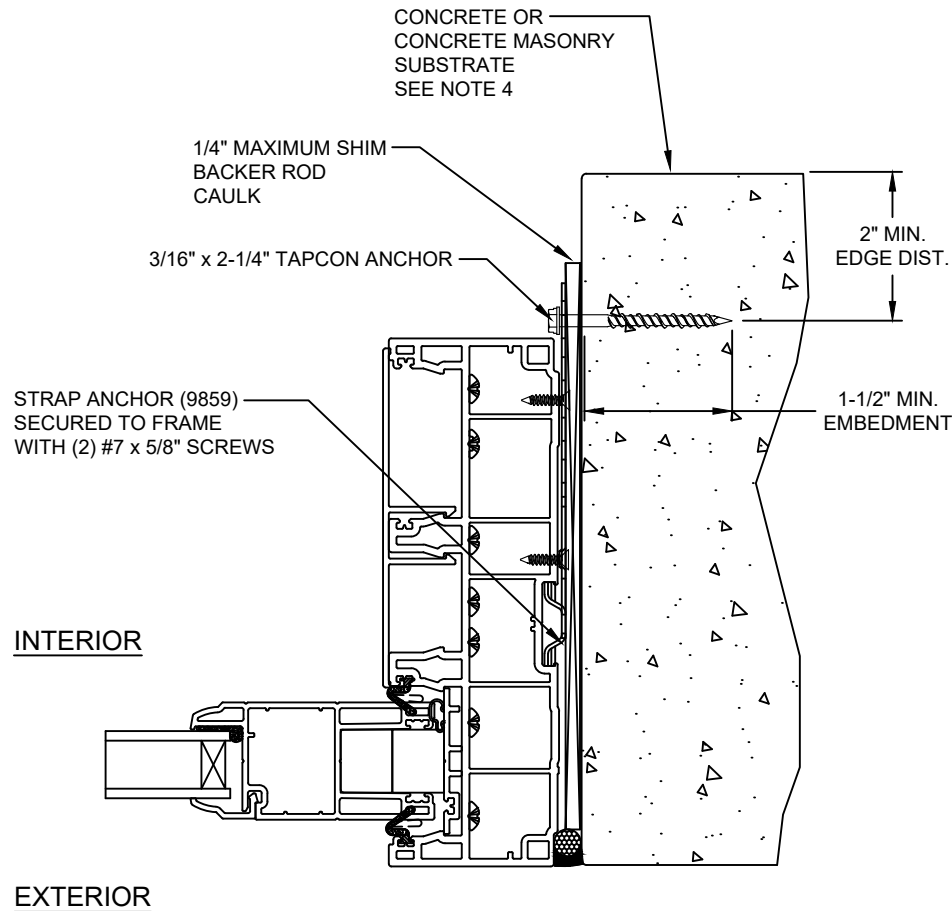
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EXTERIOR

INTERIOR

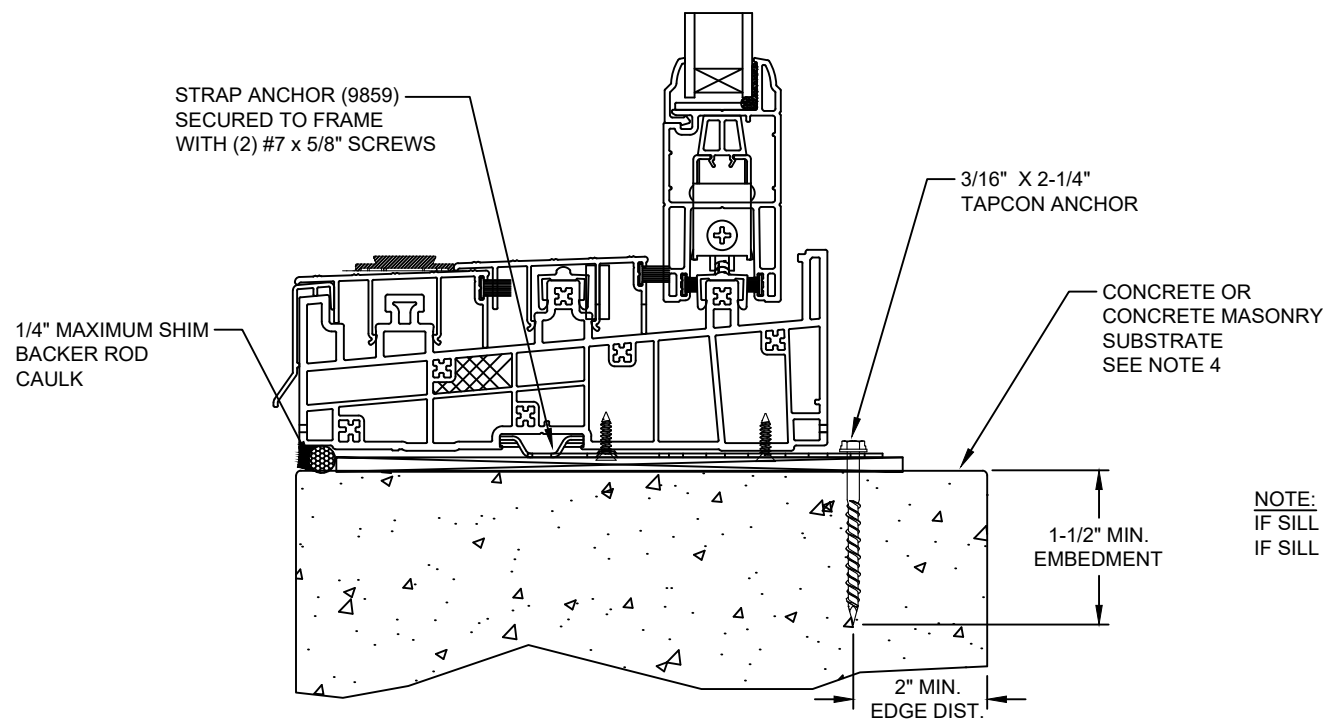
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INTERIOR

EXTERIOR

SILL



NOTE:
IF SILL INSTALLED TO WOOD, SEE SHEET 10
IF SILL INSTALLED TO STEEL STUD, SEE SHEET 11

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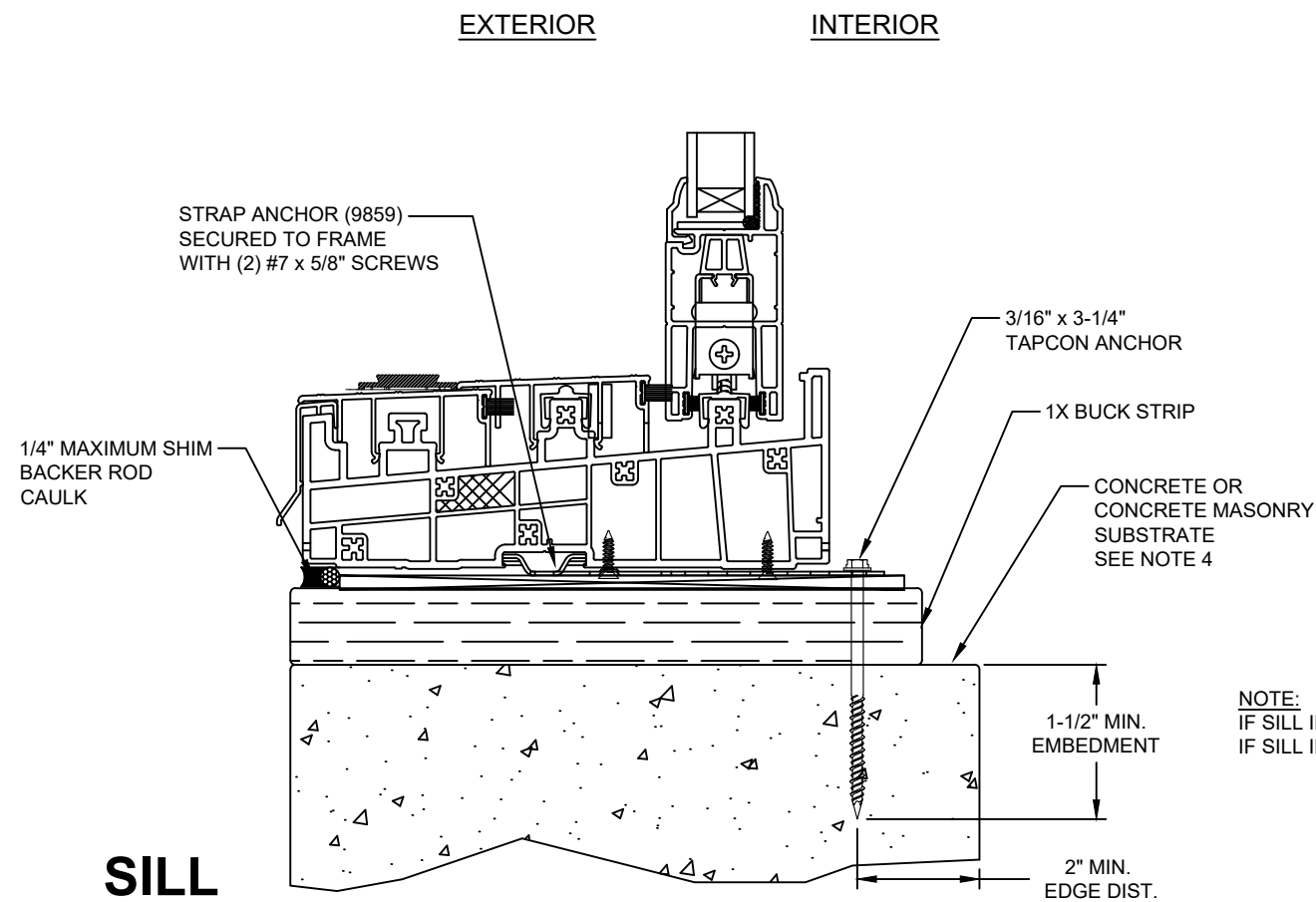
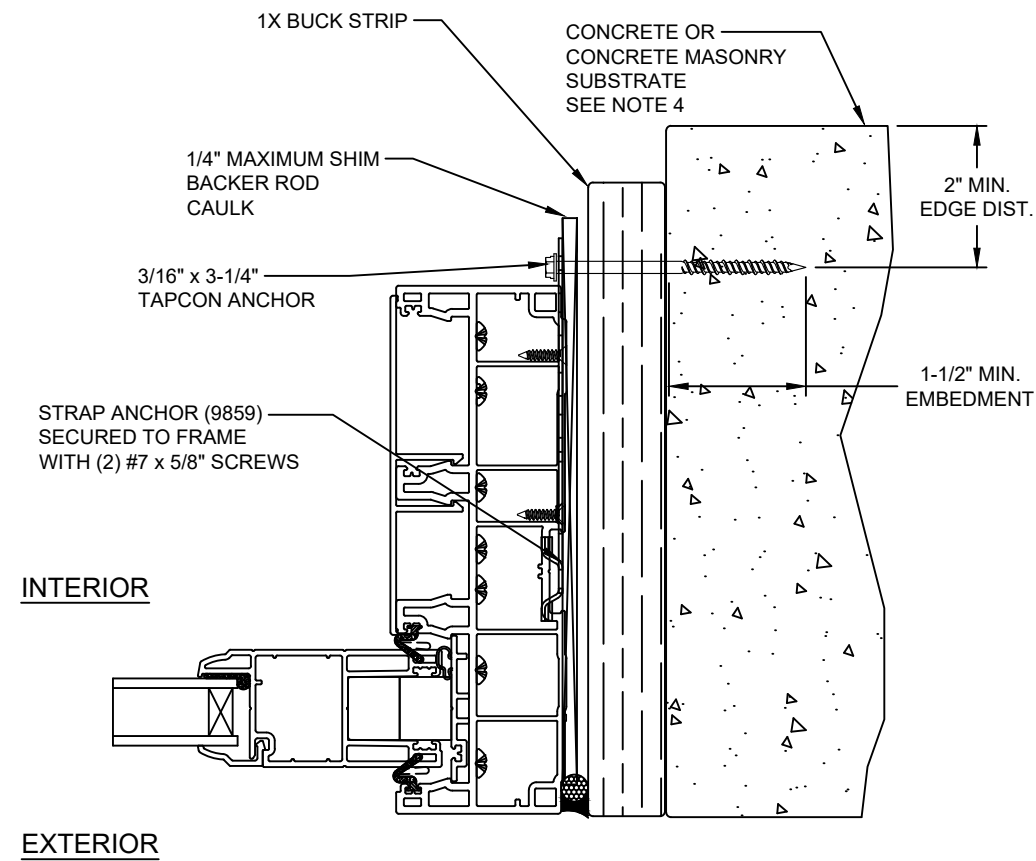
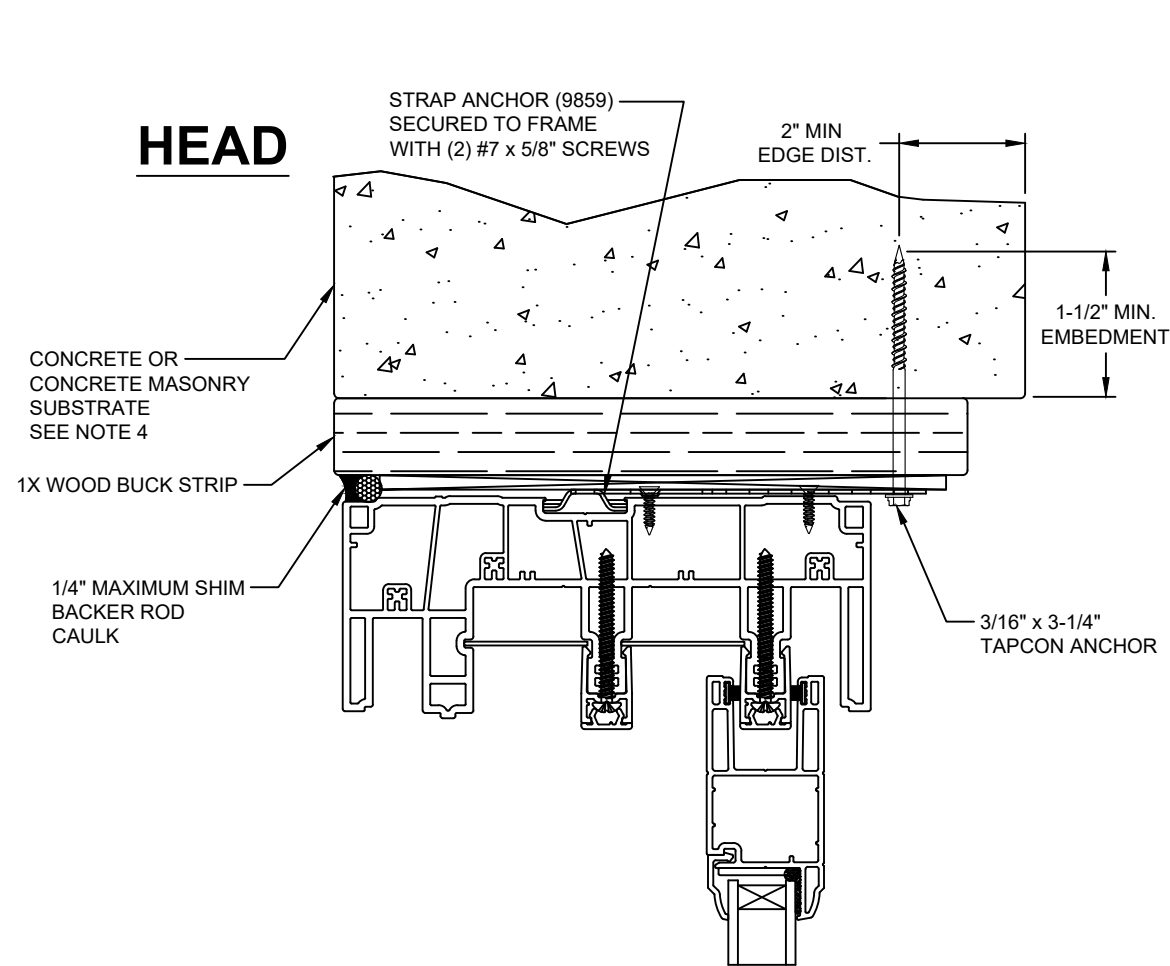
5400/5400S/7700/9900 SGD
Non-Impact
Strap Install to Concrete or CMU

Wincore Windows & Doors
250 Staunton Turnpike
Parkersburg, WV 26104

Drawing No.: 27675.03-1001
Project No.: 27675.03-107-16
Drawn By: MDS Rev: 1 Date: 8/17/26

Scale: NTS

Sheet 12 of 18



NOTE:
IF SILL INSTALLED TO WOOD, SEE SHEET 10
IF SILL INSTALLED TO STEEL STUD, SEE SHEET 11

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

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

2026.09.09 08:27:00 -04'00'

5400/5400S/7700/9900 SGD
Non-Impact

Strap Install to Concrete or CMU

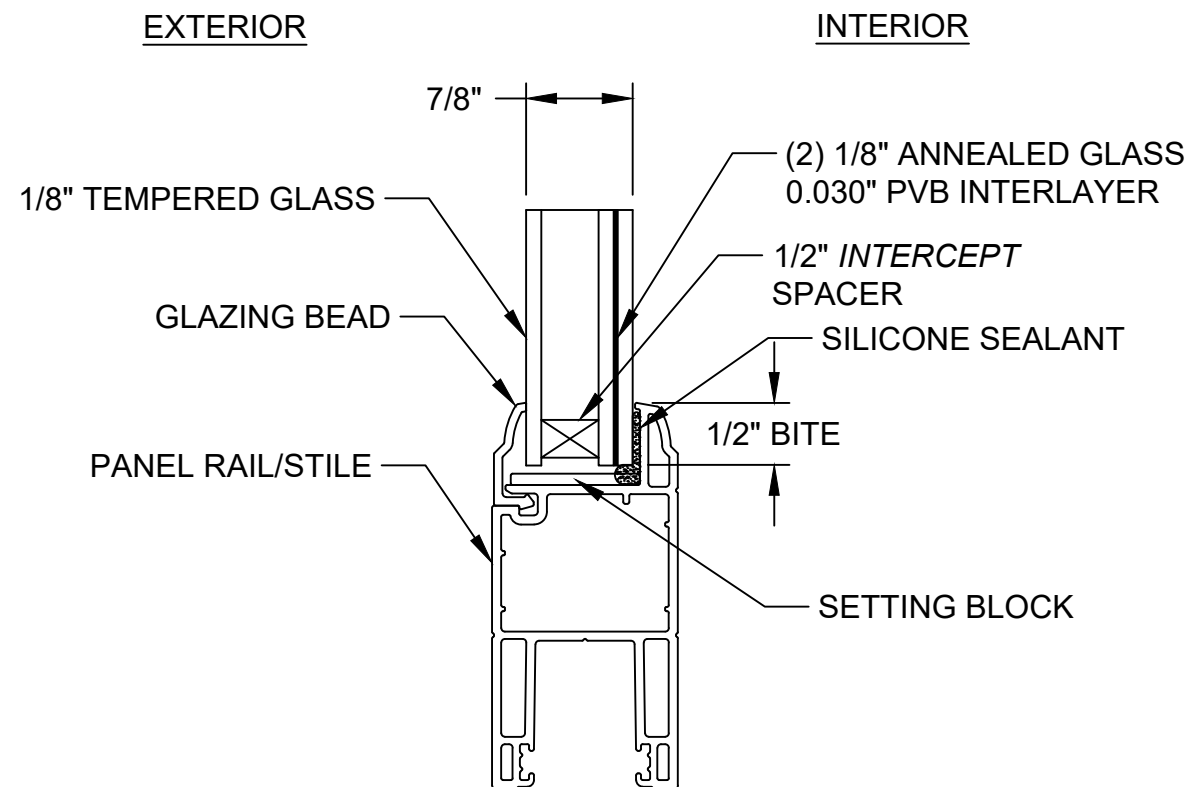
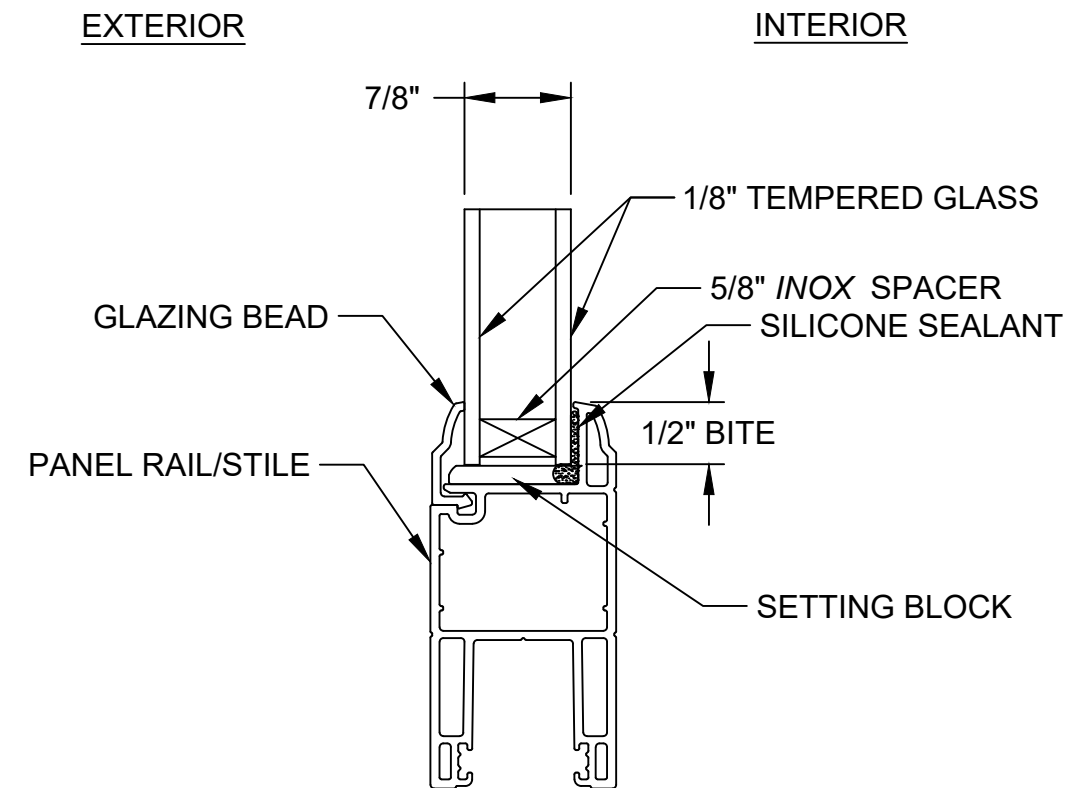
Wincore Windows & Doors

250 Staunton Turnpike
Parkersburg, WV 26104

Drawing No.: 27675.03-1001
Project No.: 27675.03-107-16
Drawn By: MDS Rev: 1 Date: 8/17/26

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Sheet 13 of 18



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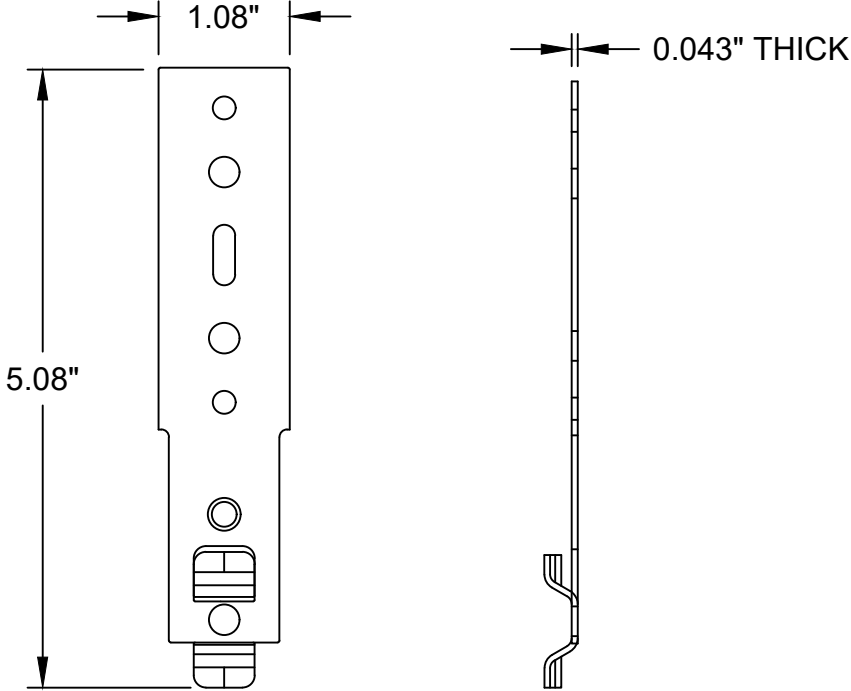
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Non-Impact
Glazing Detail

Wincore Windows & Doors
250 Staunton Turnpike
Parkersburg, WV 26104

Drawing No.: 27675.03-1001
Project No.: 27675.03-107-16
Drawn By: MDS Rev: 1 Date: 8/17/26

Scale: NTS

Sheet 14 of 18



STRAP ANCHOR
PART NO. 9859
18 GAUGE STEEL

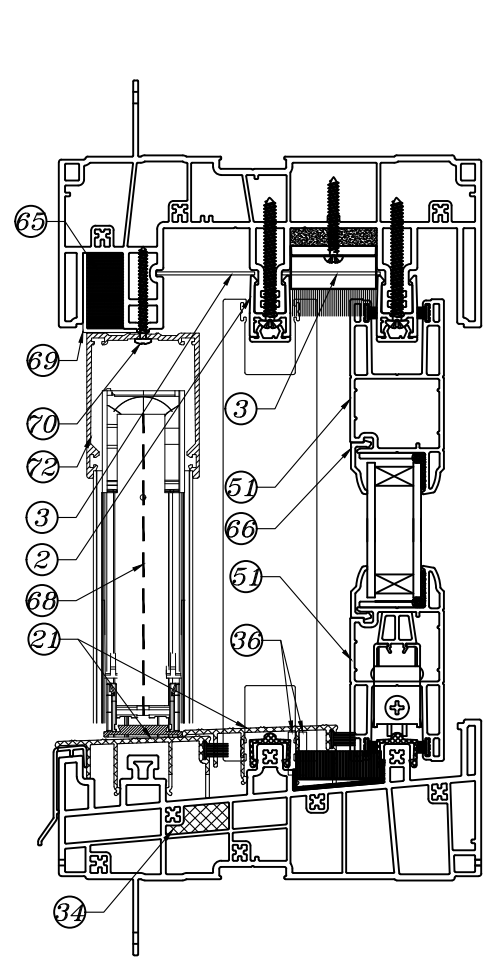
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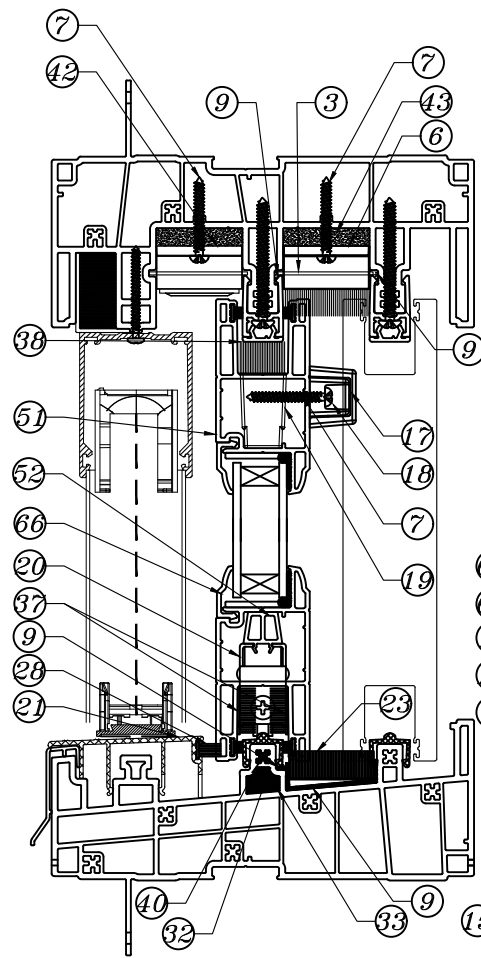


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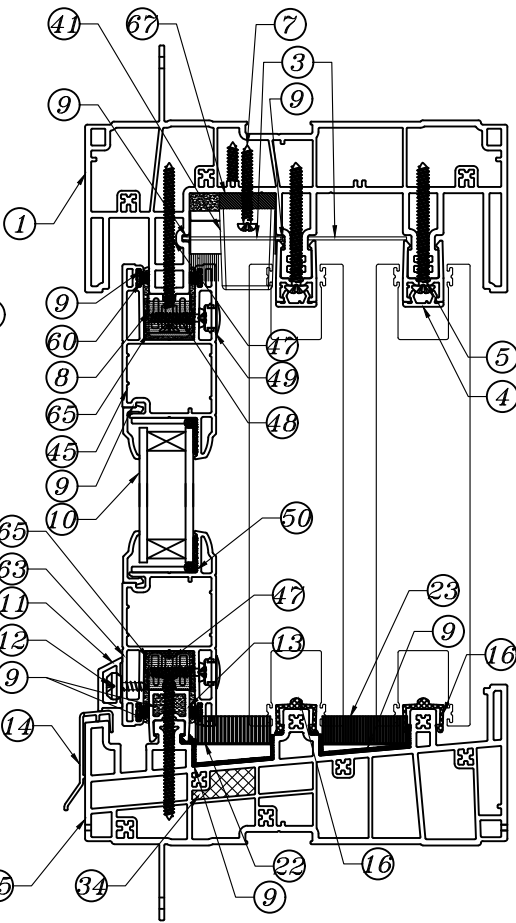
5400/5400S/7700/9900 SGD Non-Impact Accessories	
Wincore Windows & Doors 250 Staunton Turnpike Parkersburg, WV 26104	
Drawing No.: 27675.03-1001 Project No.: 27675.03-107-16 Drawn By: MDS Rev: 1 Date: 8/17/26	
Scale: NTS	Sheet 15 of 18



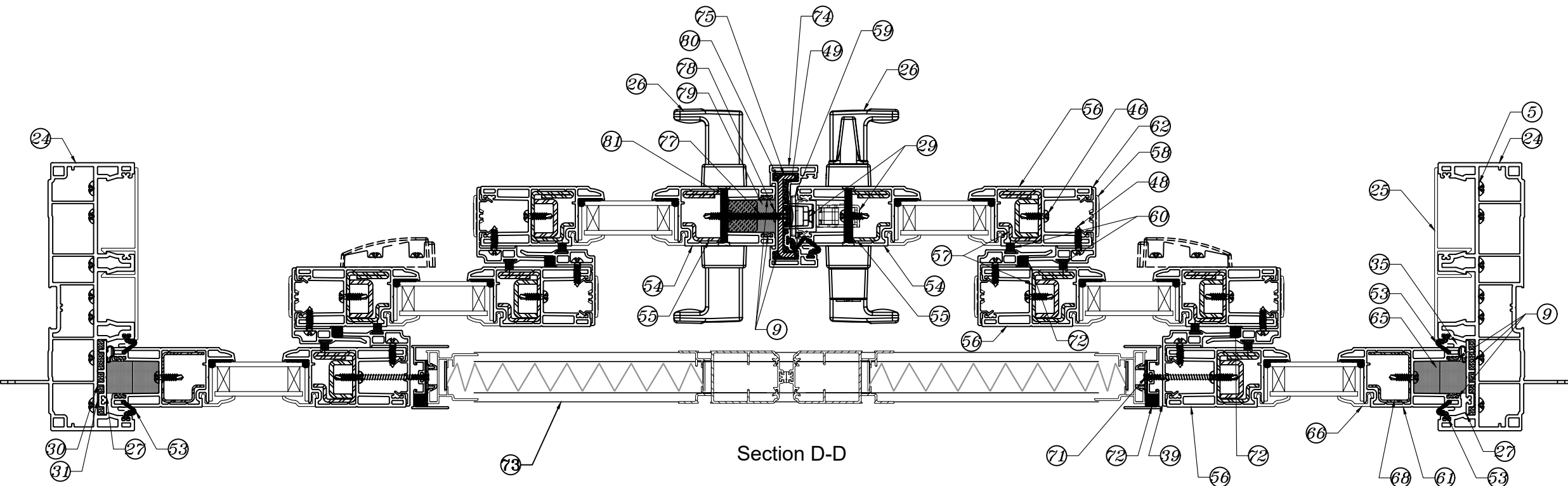
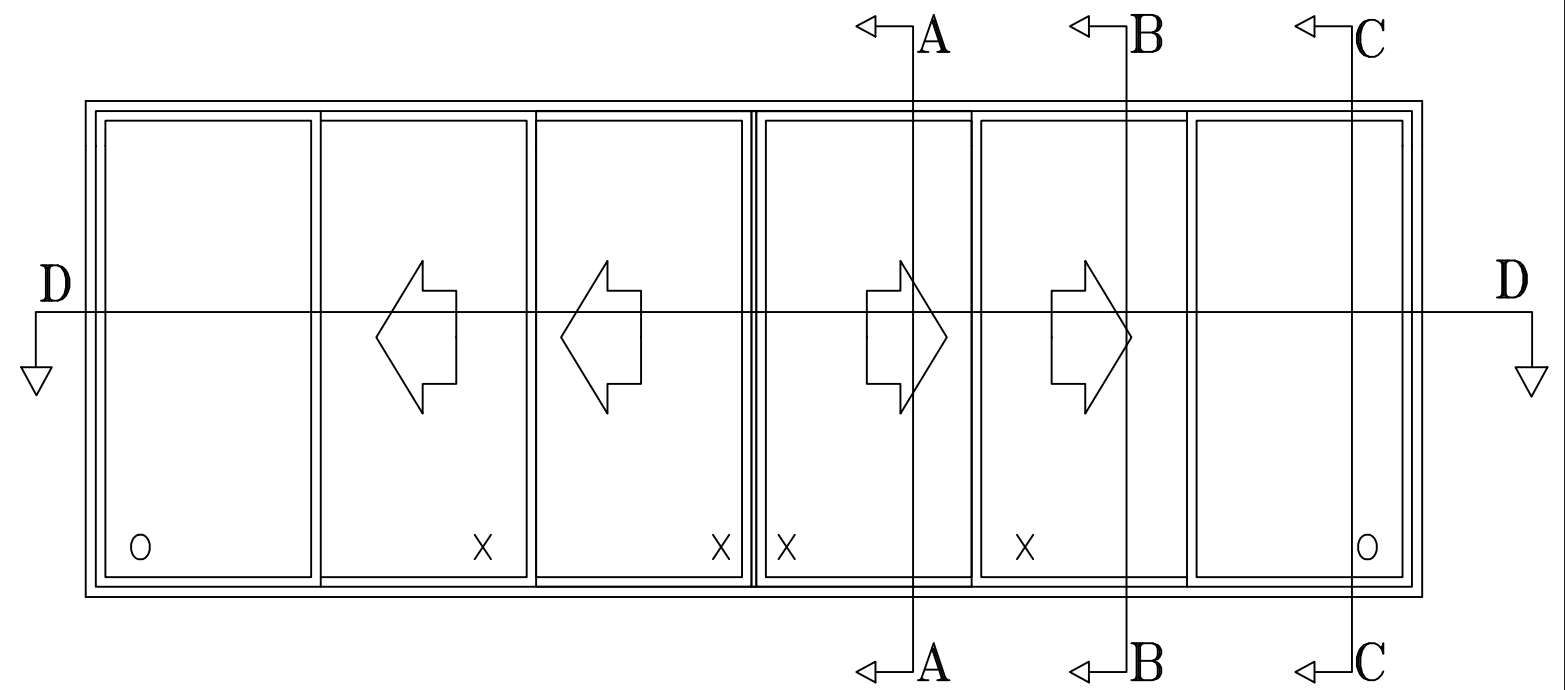
Section A-A



Section B-B



Section C-C



Section D-D

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Michael D. Stremmel

5400/5400S/7700/9900 SGD
Non-Impact
Sections and BOM

Wincore Windows & Doors
250 Staunton Turnpike
Parkersburg, WV 26104

Drawing No.: 27675.03-1001
Project No.: 27675.03-107-16
Drawn By: MDS Rev: 1 Date: 8/17/26

Scale: NTS

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