

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 will not require approved protection devices if used in wind–borne debris regions.
11. Approved for use in High Velocity Hurricane Zone (HVHZ).

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Sheet 4	Frame Install to Steel Stud
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Sheet 7	Glazing Details
Sheets 8–9	Sections
Sheets 10–11	Part Detail Drawings

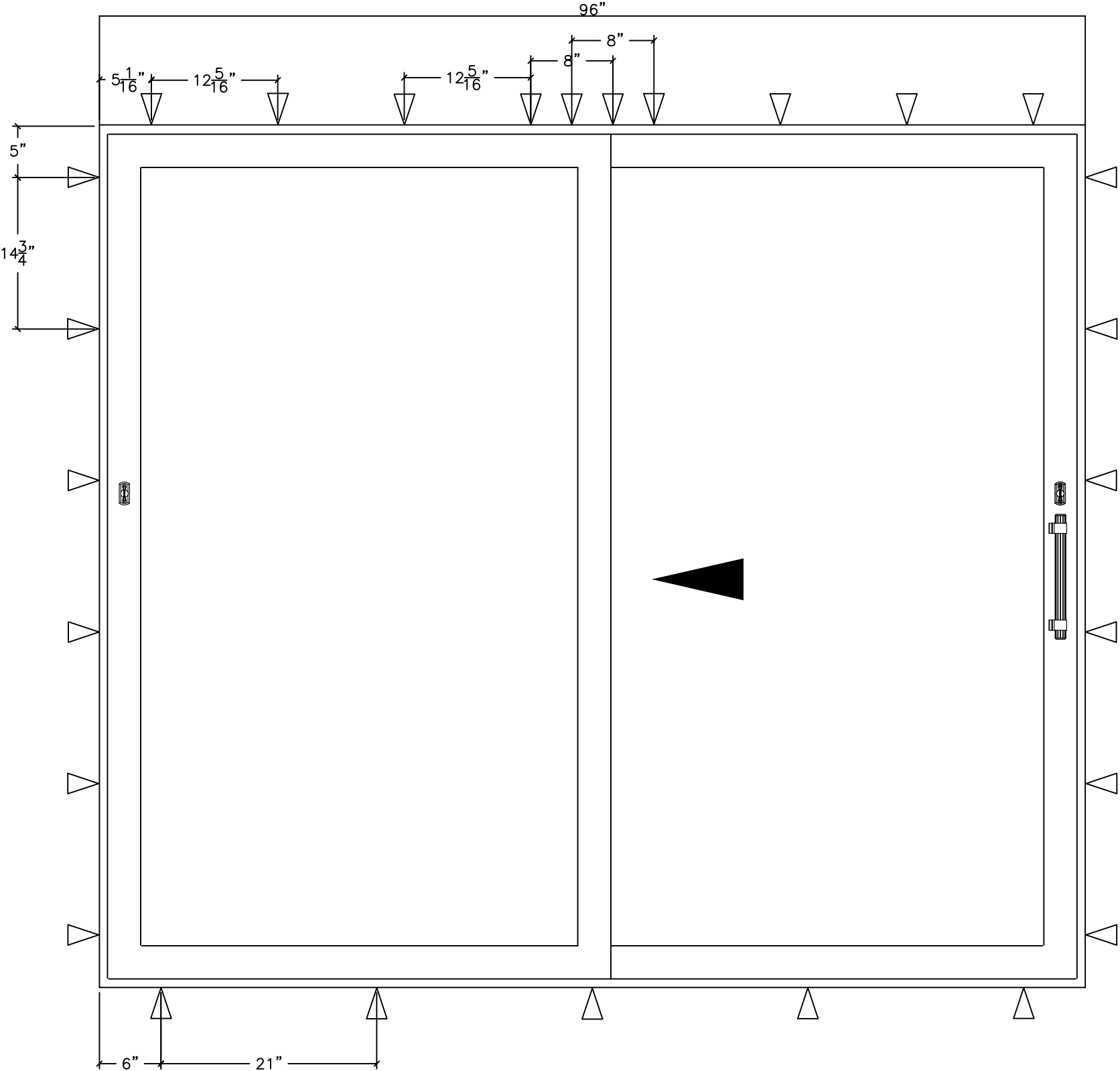
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FL PE 65868
FL REG 37122
1410 Eden Road
York, PA 17402
717-916-6300



2024.11.20 11:34:48 -05'00'

5000i SLIDING DOOR Notes	
St. Cloud Window 390 Industrial Blvd Sauk Rapids, MN 56379	
Drawing No.: 29625.01 - 1001 Project No.: 29625.01-107-16 Drawn By: MDS REV: 1 Date: 11/20/24	
Scale: NTS	Sheet 1 of 11



5000i Sliding Glass Door (Impact) – FINLESS INSTALLATION
MAXIMUM SIZE 96" X 84"
DESIGN PRESSURE +/- 70 PSF
MISSILE D – WIND ZONE 4

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5000i SLIDING DOOR
Elevation

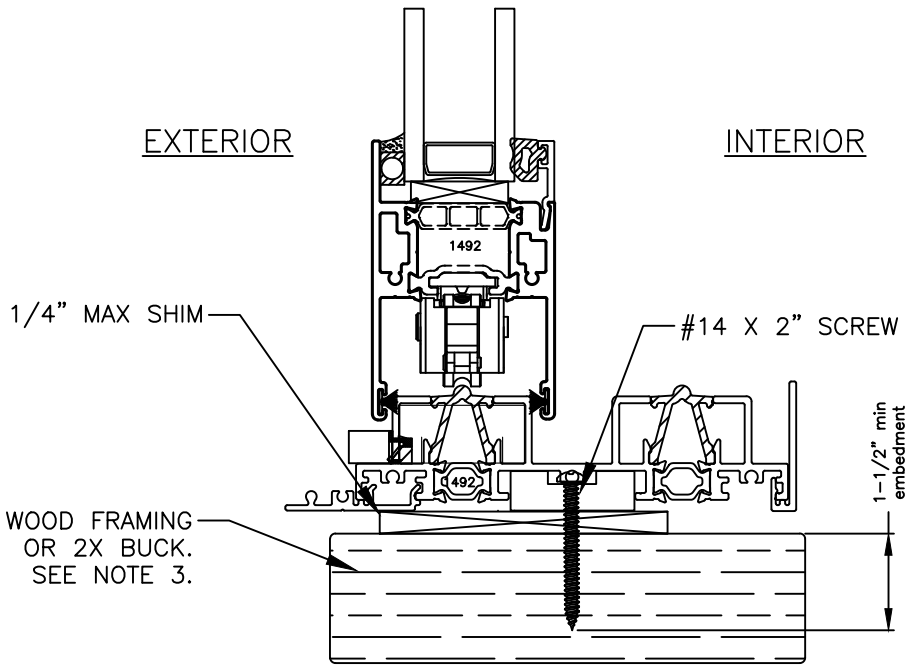
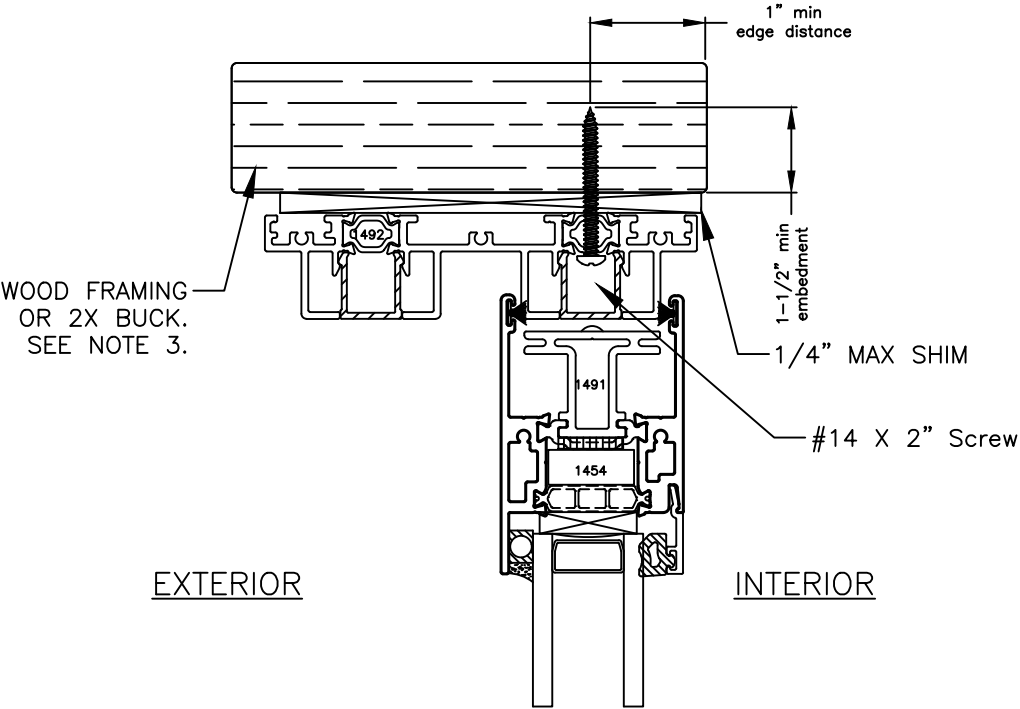
St. Cloud Window
390 Industrial Blvd
Sauk Rapids, MN 56379

Drawing No.: 29625.01 - 1001
Project No.: 29625.01-107-16
Drawn By: MDS REV: 1 Date: 11/20/24

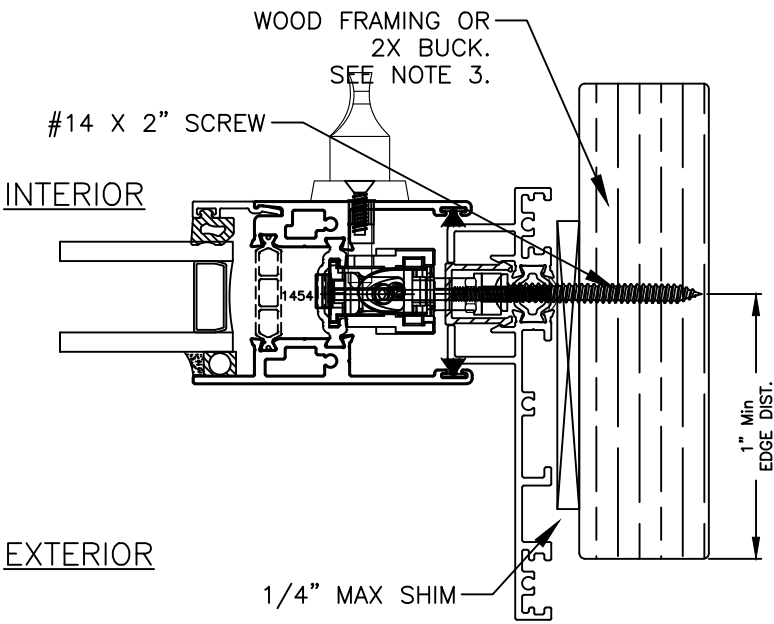
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Sheet 2 of 11

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Note:
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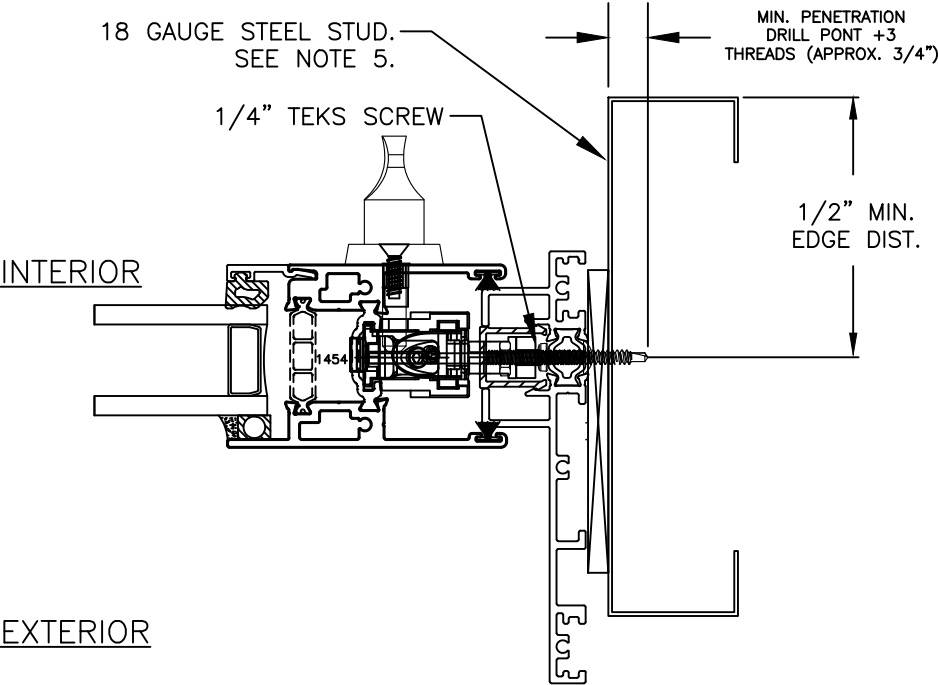
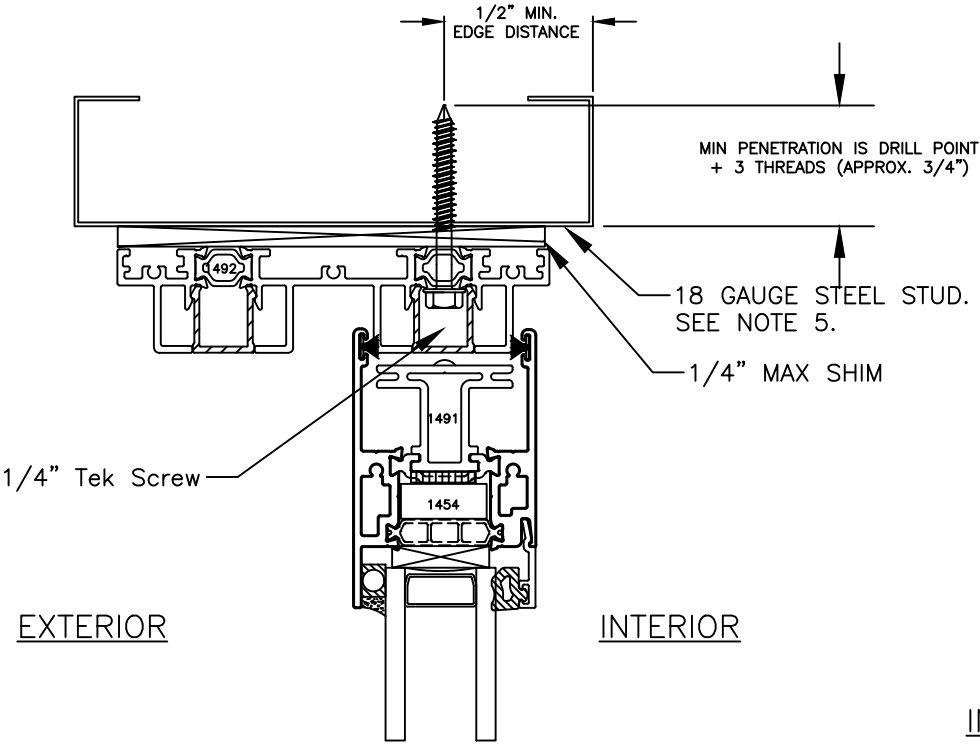
5000i SLIDING DOOR
Frame Installation to Wood

St. Cloud Window
390 Industrial Blvd
Sauk Rapids, MN 56379

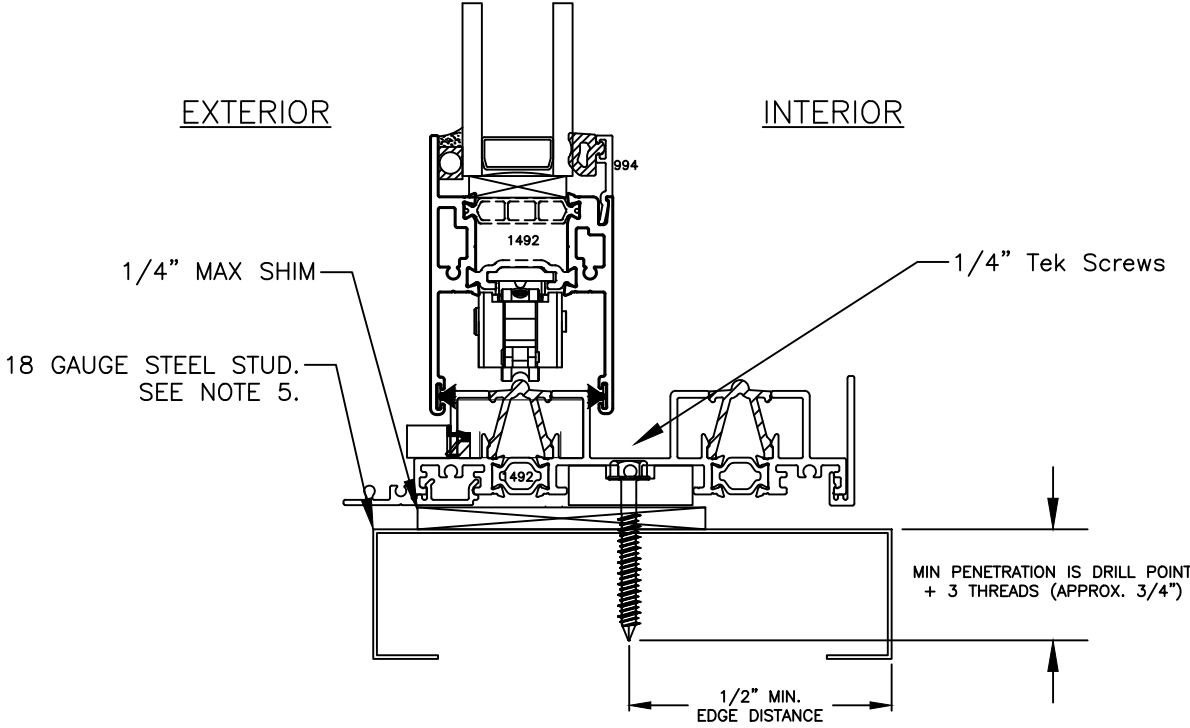
Drawing No.: 29625.01 - 1001
Project No.: 29625.01-107-16
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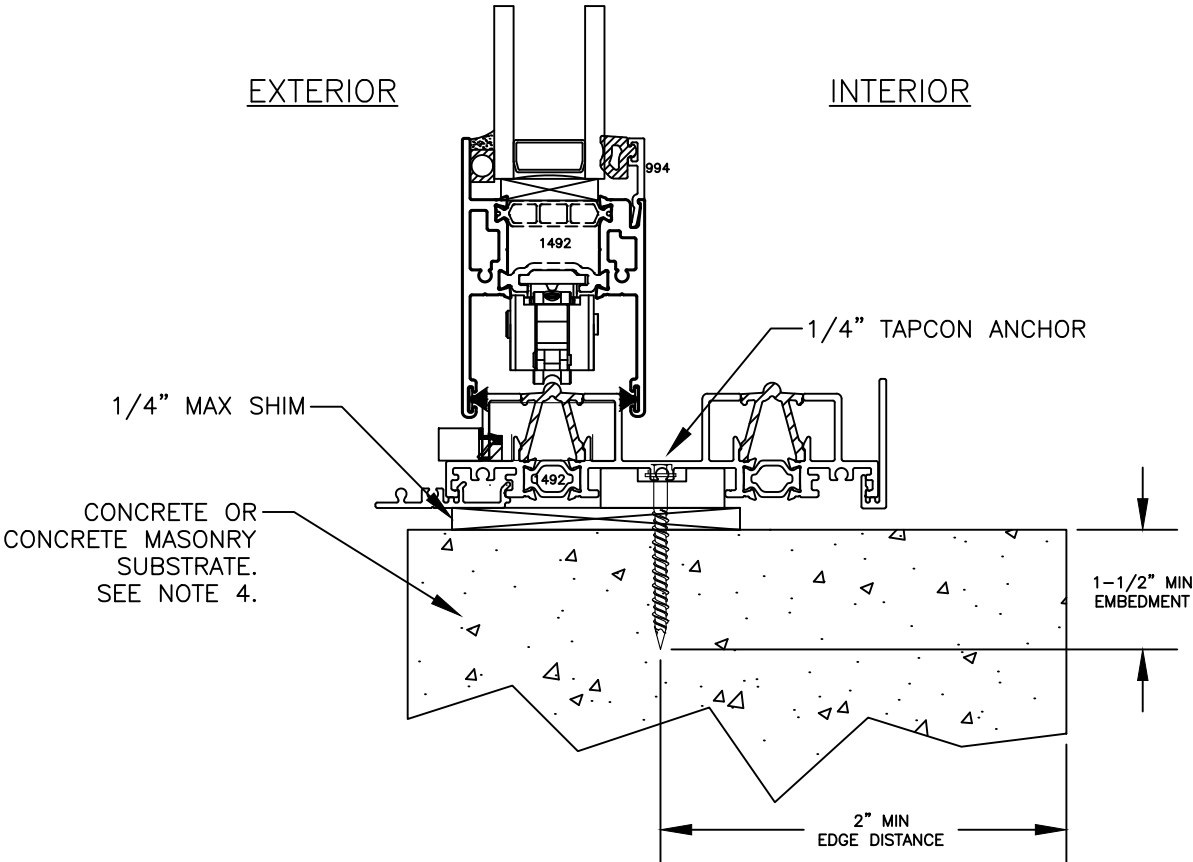
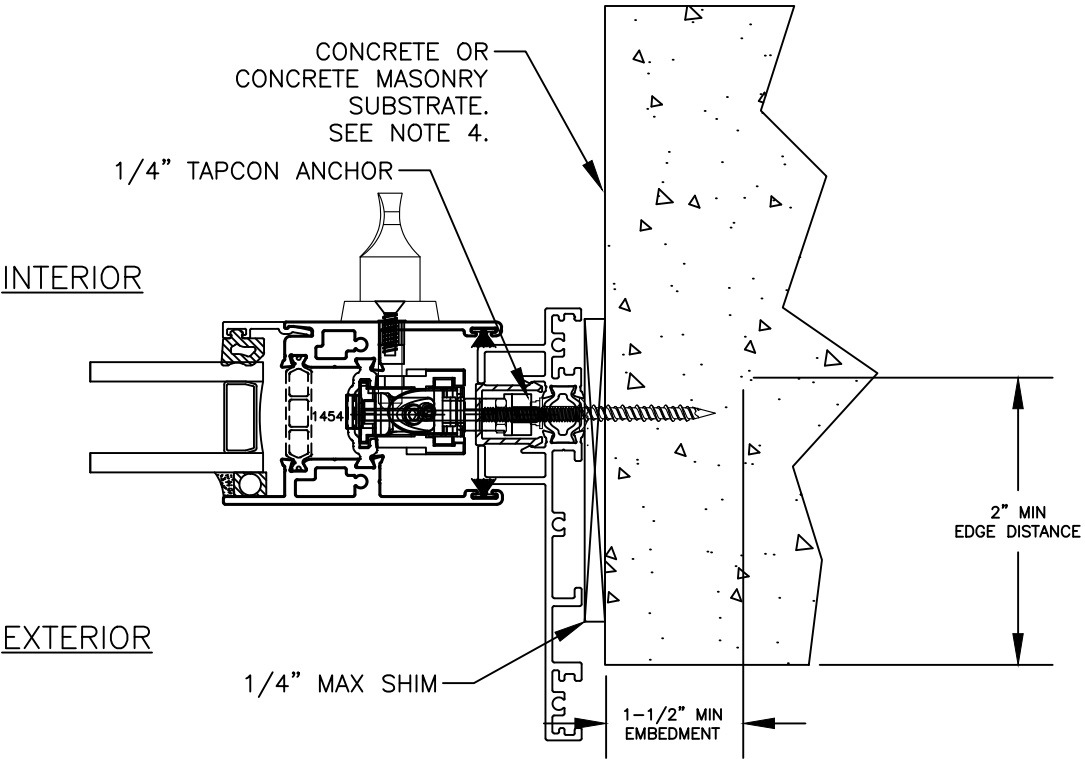
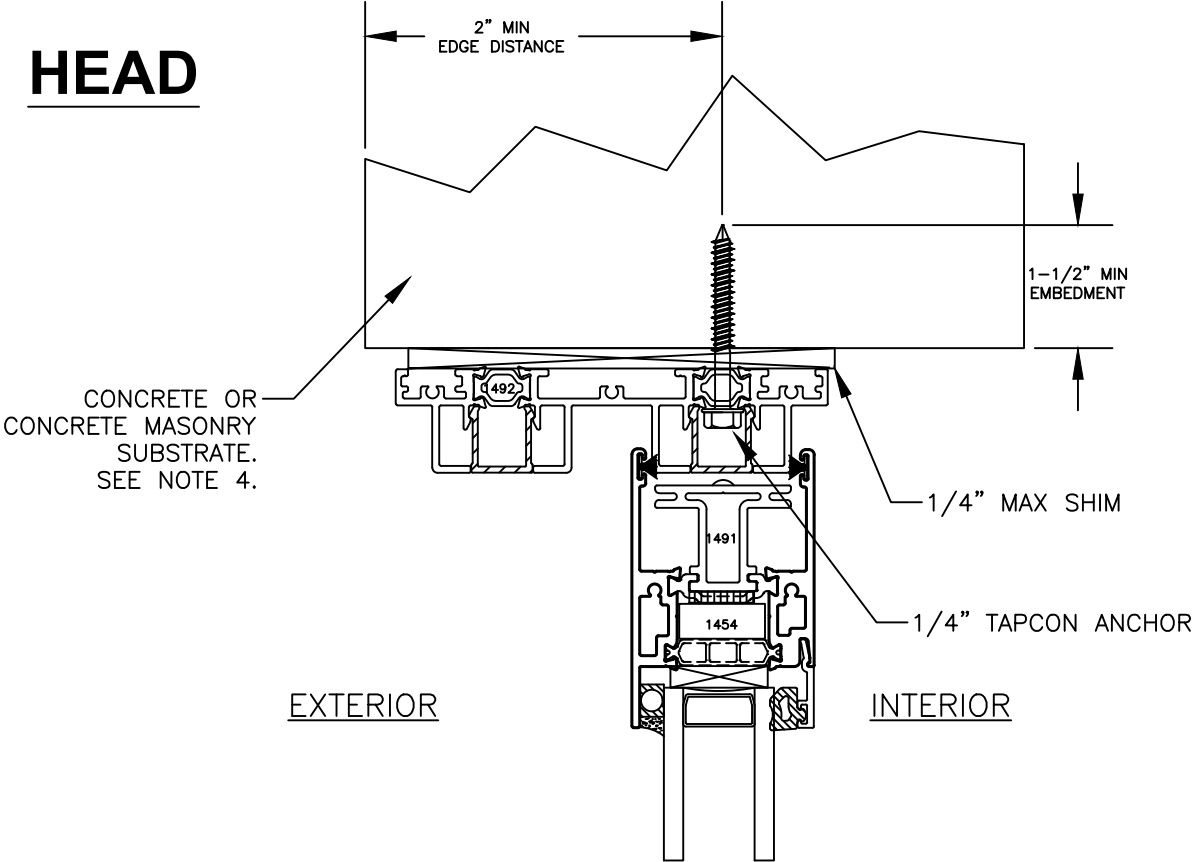
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FL REG 37122
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York, PA 17402
717-916-6300

2024.11.20 11:34:48 -05'00'

5000i SLIDING DOOR Frame Installation to Steel Stud	
St. Cloud Window 390 Industrial Blvd Sauk Rapids, MN 56379	
Drawing No.: 29625.01 - 1001 Project No.: 29625.01-107-16 Drawn By: MDS REV: 1 Date: 11/20/24	
Scale: NTS	Sheet 4 of 11

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5000i SLIDING DOOR
Frame Installation to Concrete/CMU

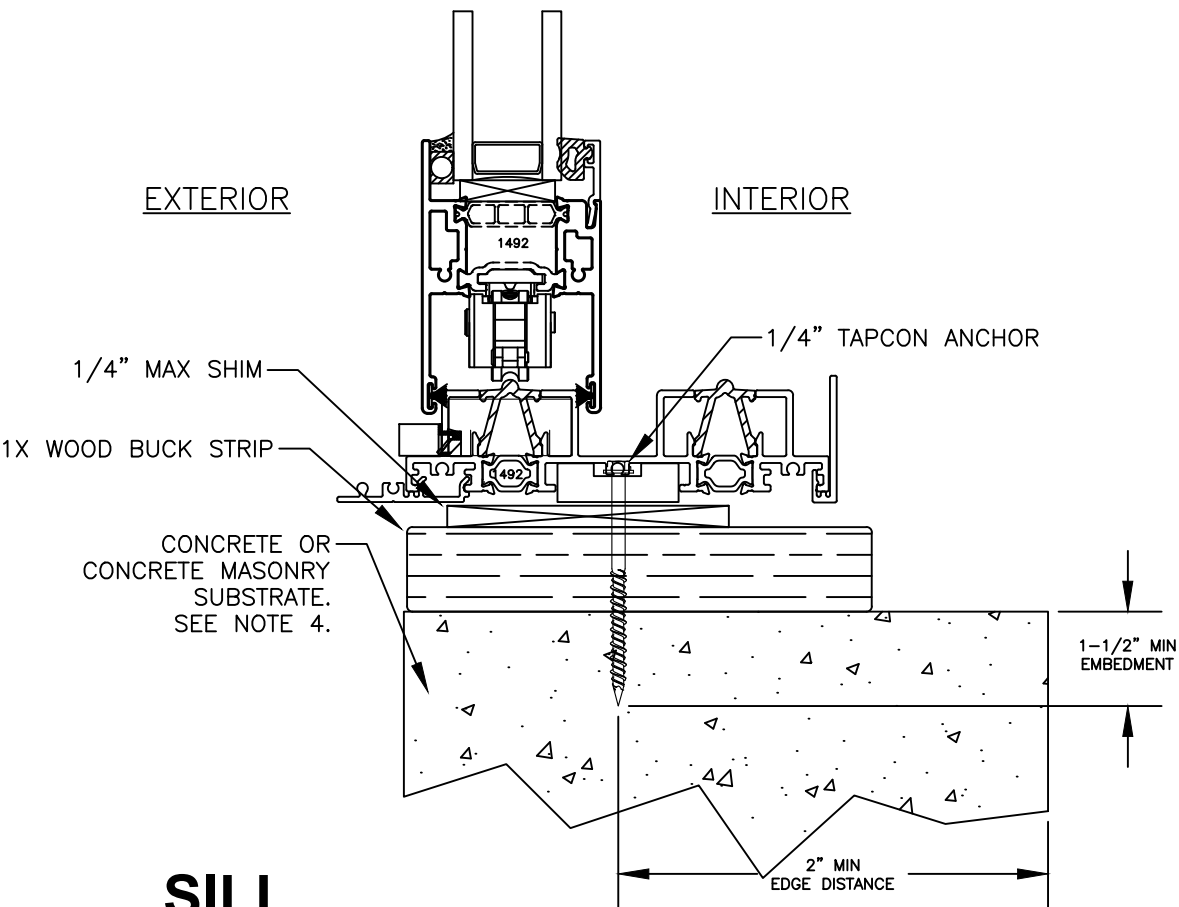
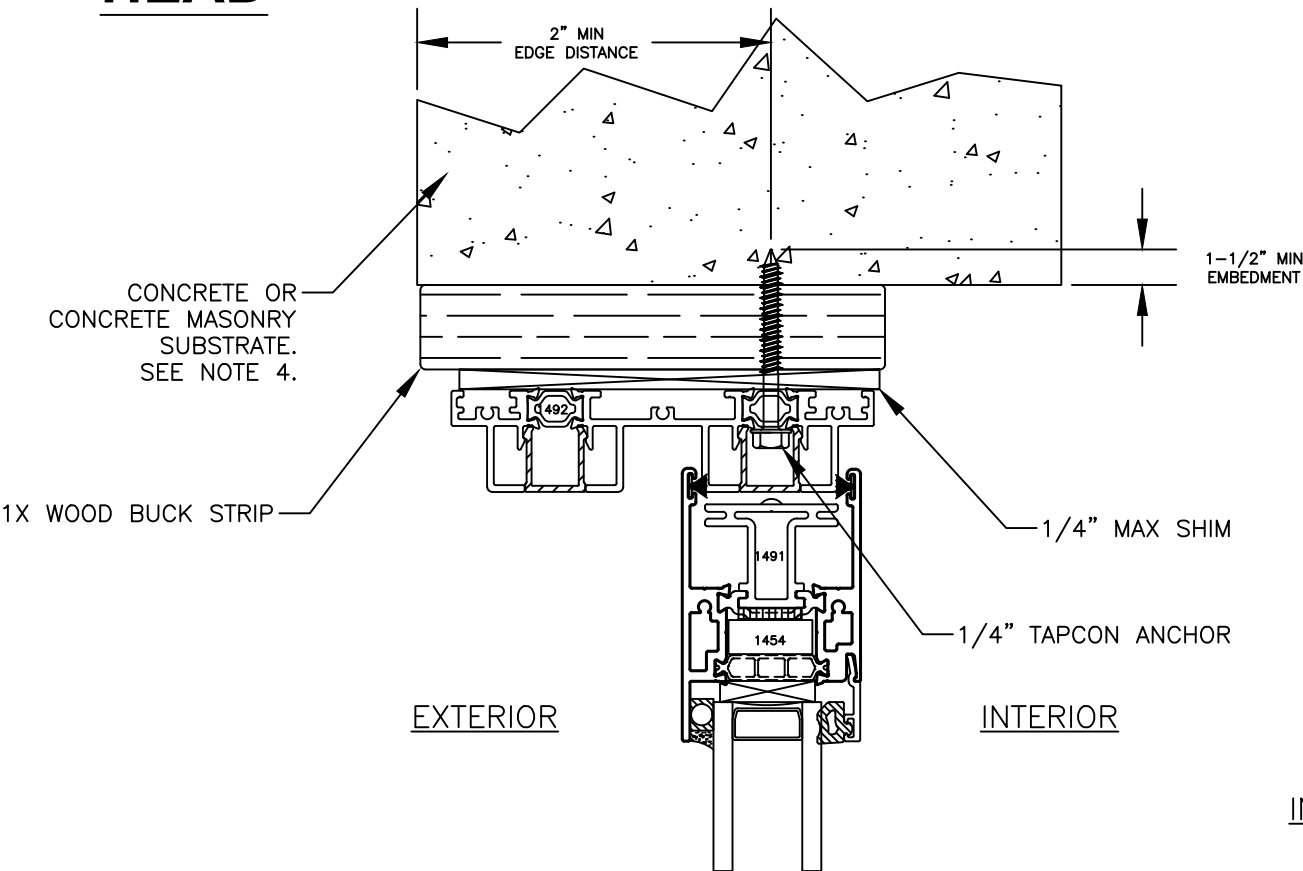
St. Cloud Window
390 Industrial Blvd
Sauk Rapids, MN 56379

Drawing No.: 29625.01 - 1001
Project No.: 29625.01-107-16
Drawn By: MDS REV: 1 Date: 11/20/24

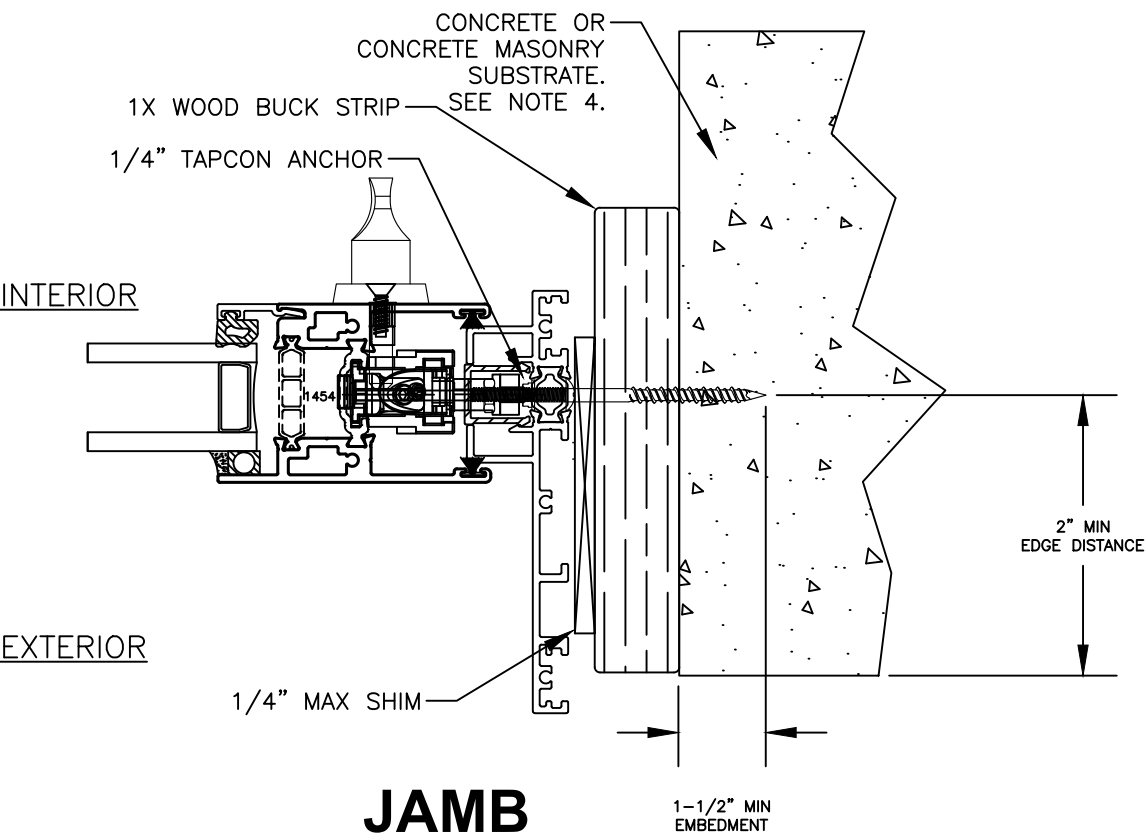
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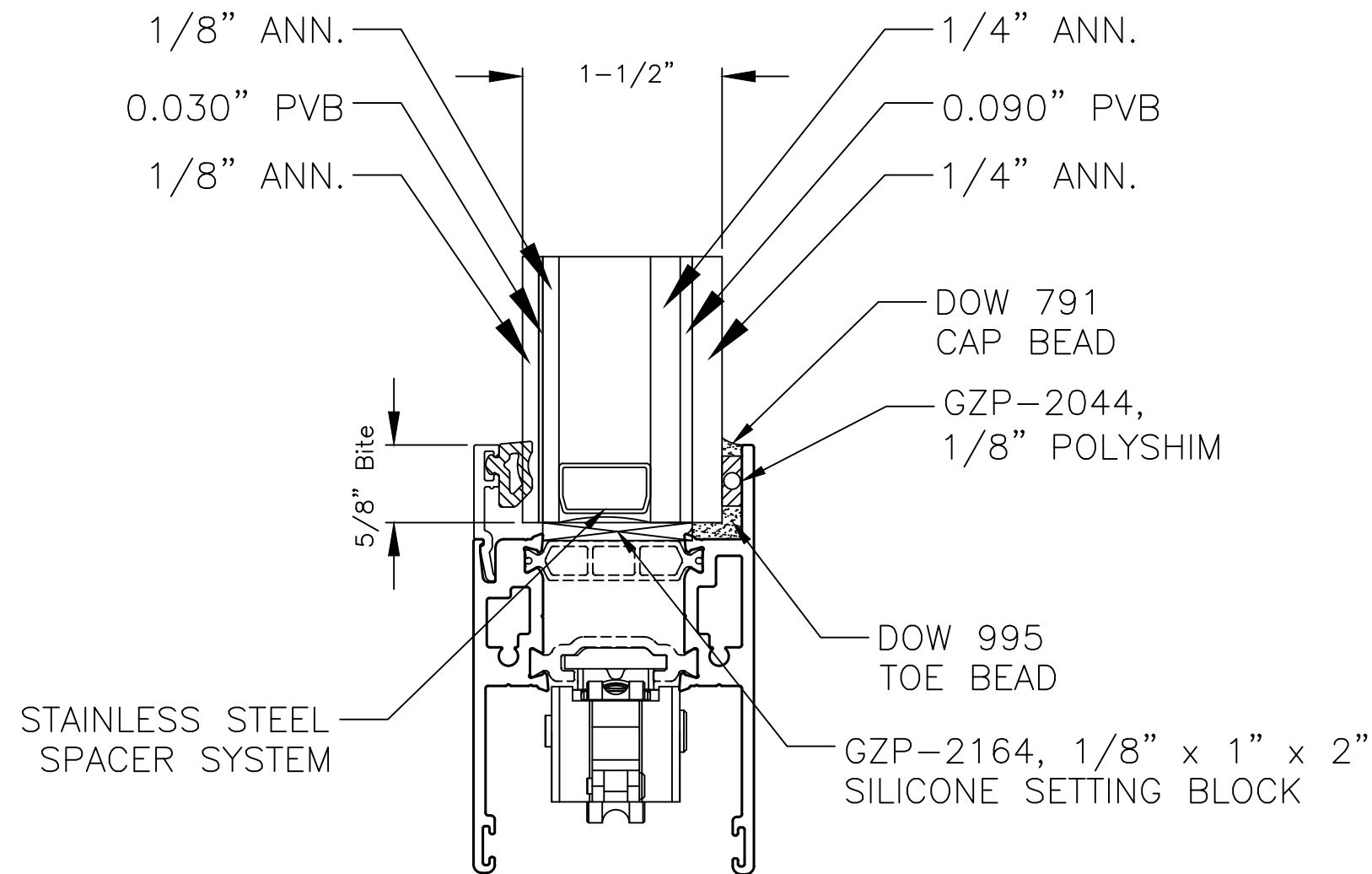
5000i SLIDING DOOR
Frame Installation to Concrete/CMU

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Sauk Rapids, MN 56379

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Project No.: 29625.01-107-16
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NOTE: ALL PVB IS KURARY TROSIFOL^(R)
ULTRACLEAR, CLEAR PVB INTERLAYER.

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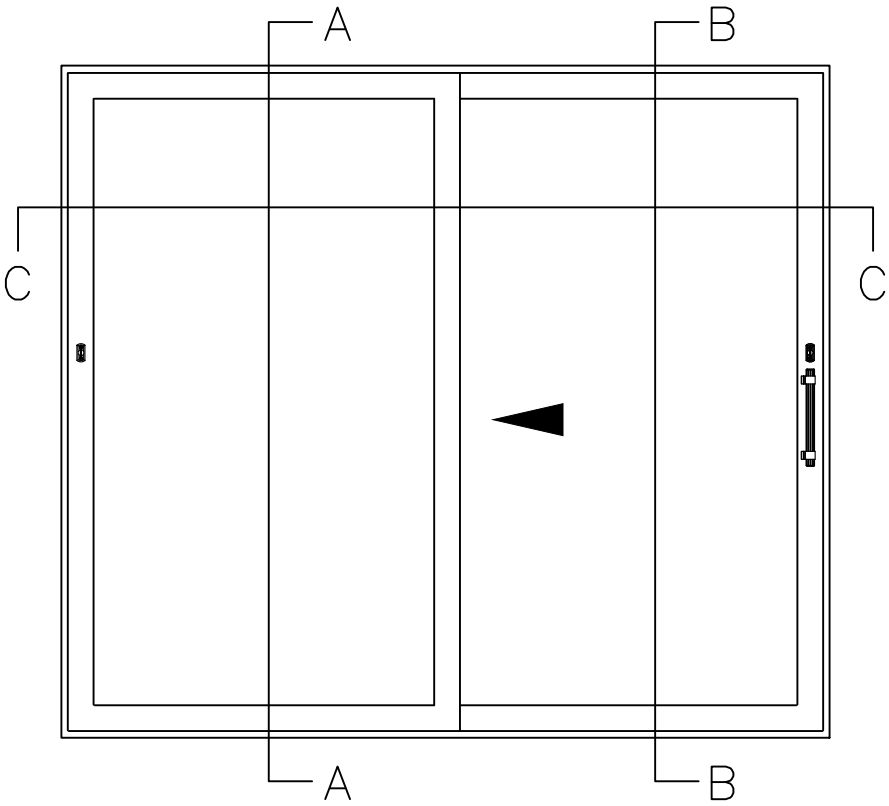
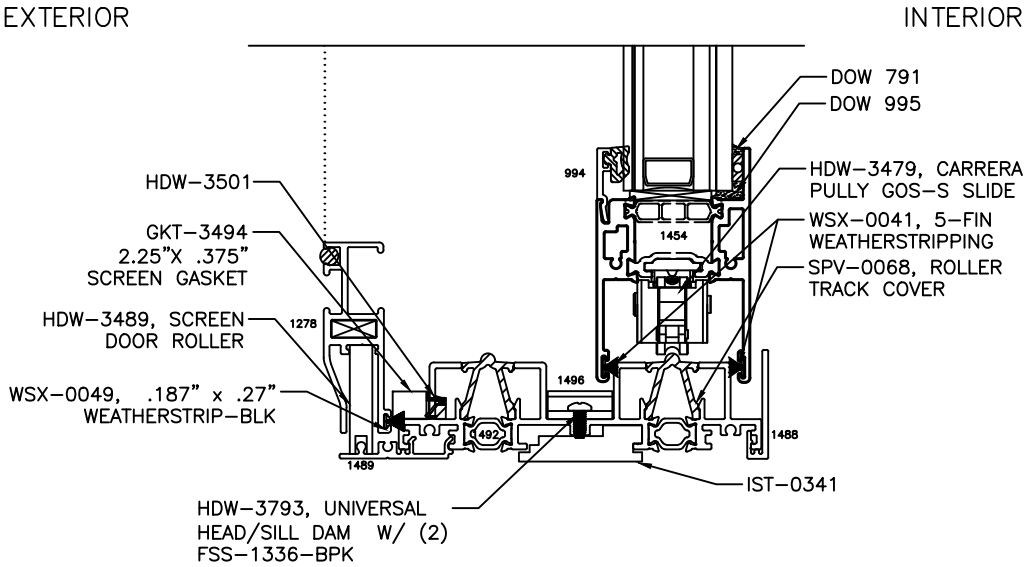
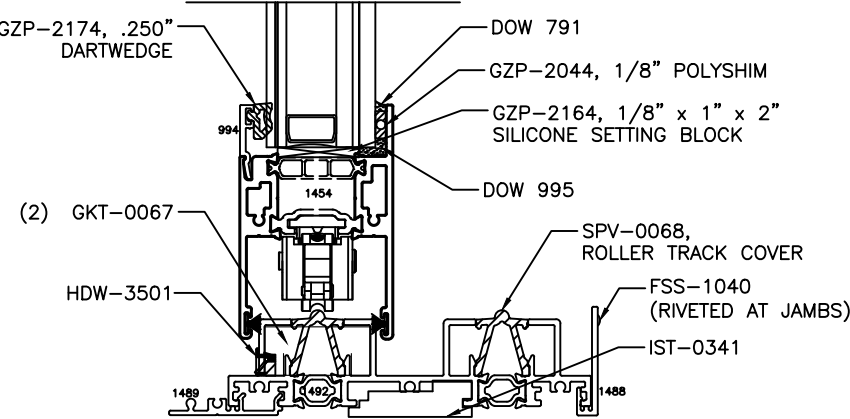
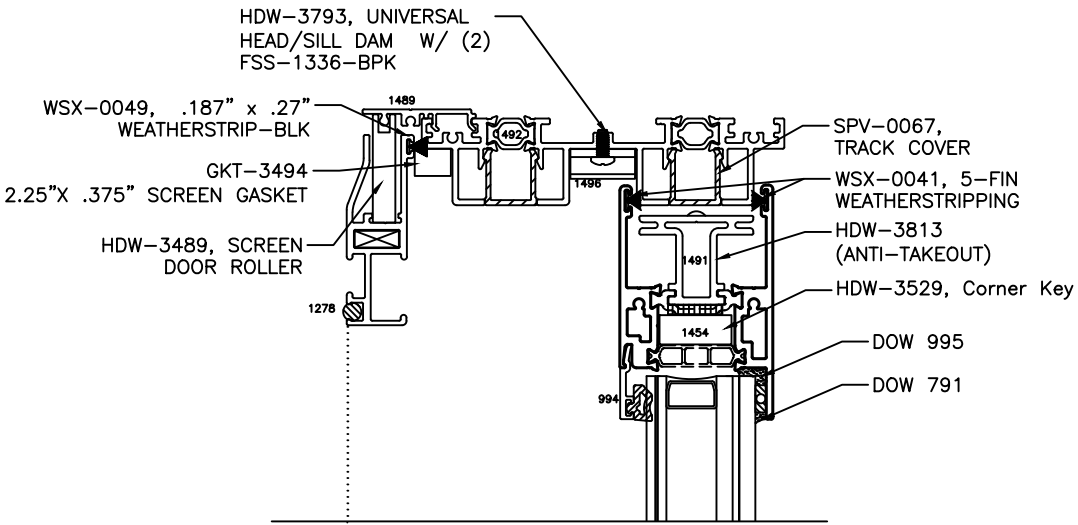
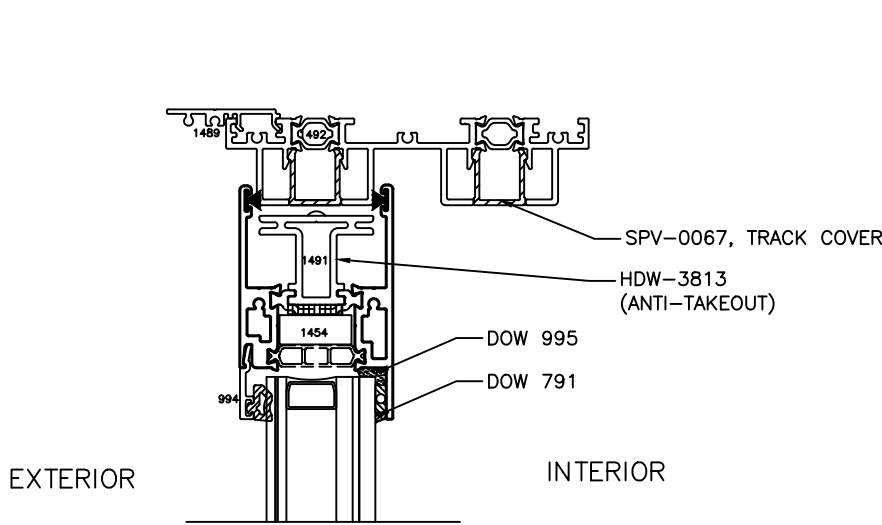
5000i SLIDING DOOR Glazing Details

St. Cloud Window
390 Industrial Blvd
Sauk Rapids, MN 56379

Drawing No.: 29625.01 - 1001
Project No.: 29625.01-107-16
Drawn By: MDS REV: 1 Date: 11/20/24

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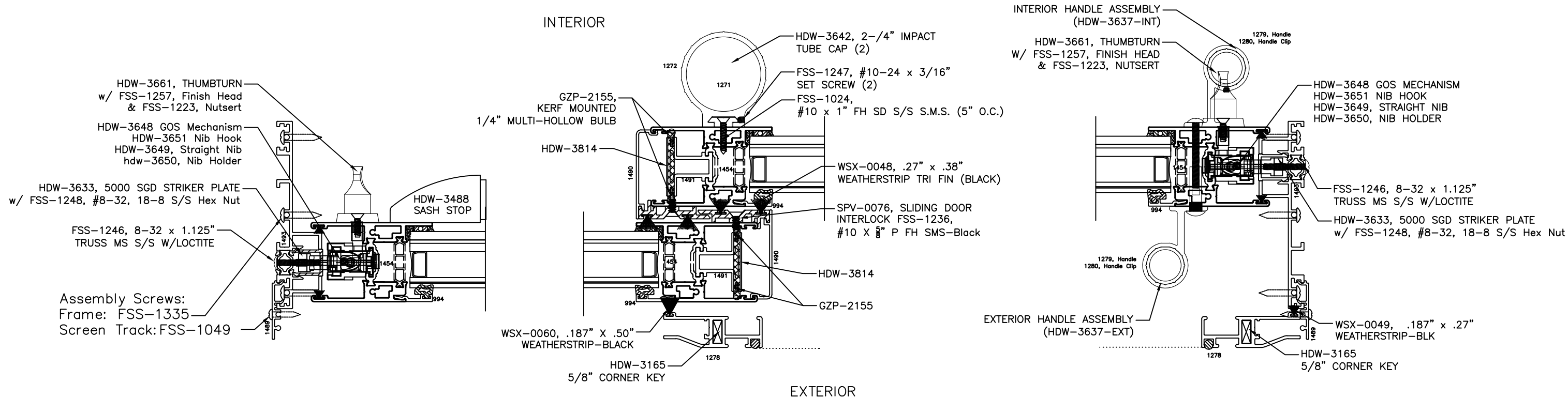
5000i SLIDING DOOR
Sections

St. Cloud Window
390 Industrial Blvd
Sauk Rapids, MN 56379

Drawing No.: 29625.01 - 1001
Project No.: 29625.01-107-16
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SECTION C-C

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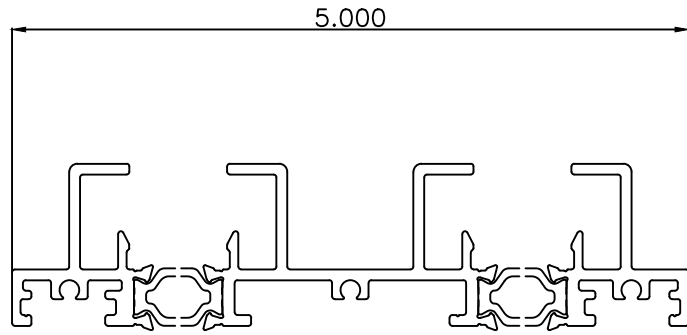
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St. Cloud Window
390 Industrial Blvd
Sauk Rapids, MN 56379

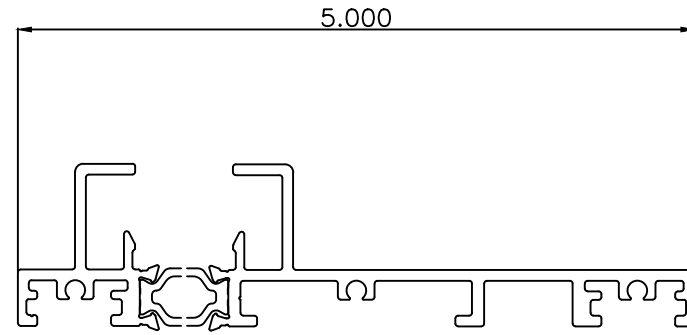
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Project No.: 29625.01-107-16
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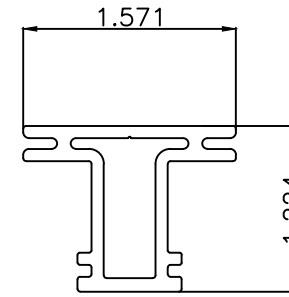
Sheet 9 of 11



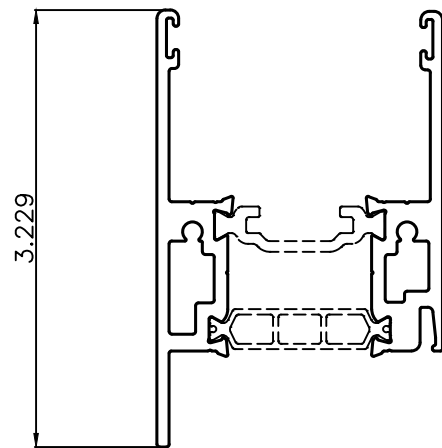
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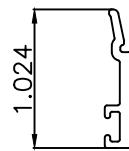
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JAMB FRAME



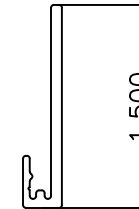
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ANTI-TAKEOUT



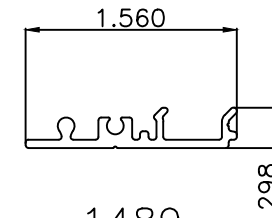
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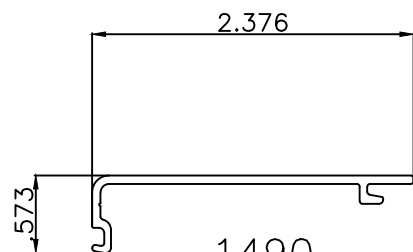
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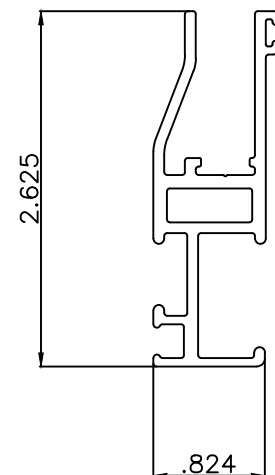
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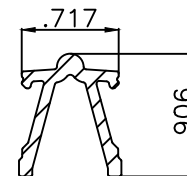
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SCREEN TRACK



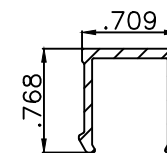
1490



1278
SCREEN FRAME



SPV-0068,
ROLLER TRACK COVER



SPV-0067
TRACK COVER

NOTE: ALL ALUMINUM PARTS
ARE FABRICATED FROM 6063-T6
ALUMINUM.

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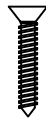
5000i SLIDING DOOR
Components

St. Cloud Window
390 Industrial Blvd
Sauk Rapids, MN 56379

Drawing No.: 29625.01 - 1001
Project No.: 29625.01-107-16
Drawn By: MDS REV: 1 Date: 11/20/24

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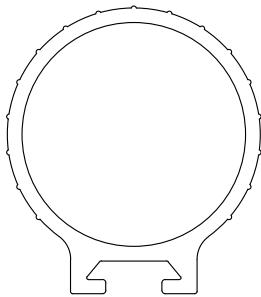
Sheet 10 of 11



FSS-1024, #10 x 1" FH SD
S/S S.M.S. (5" O.C.)



1271



1272

GZP-2174, .250" DARTWEDGE. 

GZP-2044, 1/8" POLYSHIM. 



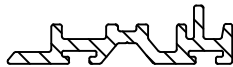
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WEATHERSTRIP TRI FIN (BLACK)



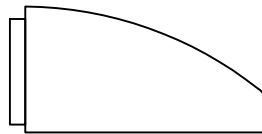
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WEATHERSTRIP TRI FIN



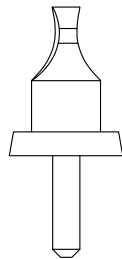
FSS-1236, #10 X 5/8" P FH SMS-Black



SPV-0076, SLIDING DOOR INTERLOCK



HDW-3488
SASH STOP



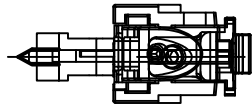
HDW-3661
THUMBTURN



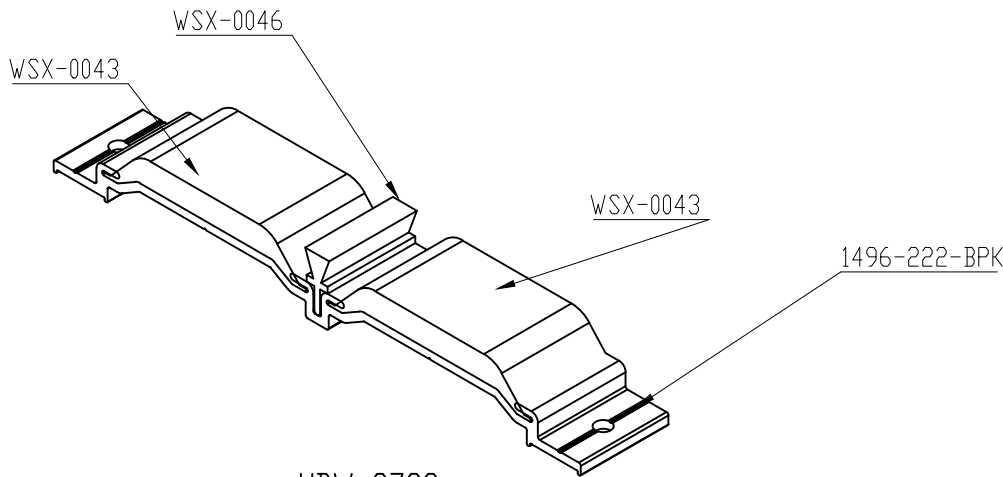
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GKT-0067

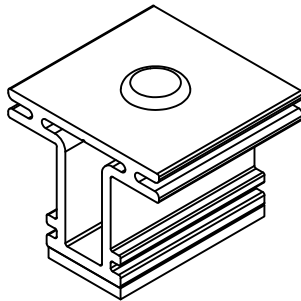


HDW-3648
GOS MECHANISM



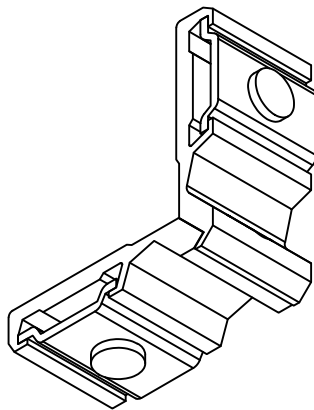
HDW-3793

Universal Head/Sill Dam (5000 SGD)
(#1491)



HDW-3813

5000 SGD ANTI-TAKEDOUT
ASSEMBLY (#1491)



HDW-3529

Corner Key REX 26MM

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Sheet 11 of 11