

NOTES:

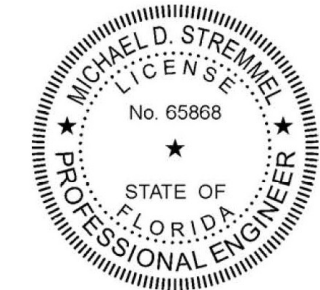
1. Installations depicted satisfy the requirements of the Florida Building Code, Building 8th Edition (2023) for design wind pressures and overall sizes noted.
2. Wood bucks, wood framing, steel stud framing, concrete and concrete masonry are by others and shall be designed by the architect or engineer 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).

CONTENTS:

Sheet 1	Notes
Sheet 2	Elevations
Sheet 3	Frame Install to Wood
Sheet 4	Frame Install to Steel Stud
Sheets 5–6	Frame Install to Concrete or CMU
Sheet 7	Glazing Details
Sheets 8–9	Sections
Sheets 10–11	Part Detail Drawings

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



2025.03.11 08:15:24 -04'00'

A handwritten signature of Michael D. Stremmel in black ink.

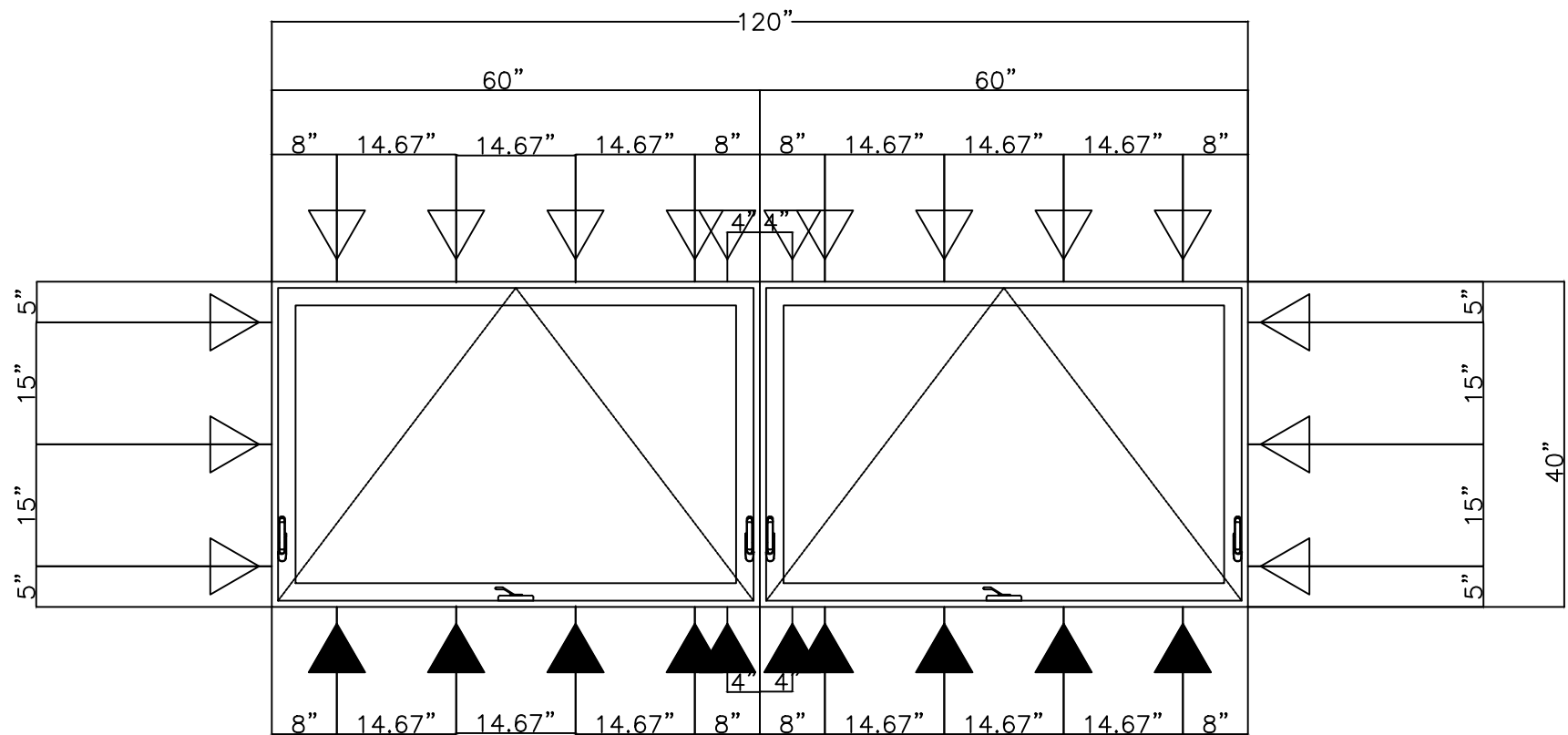
3010i-A4 Awning
Notes

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

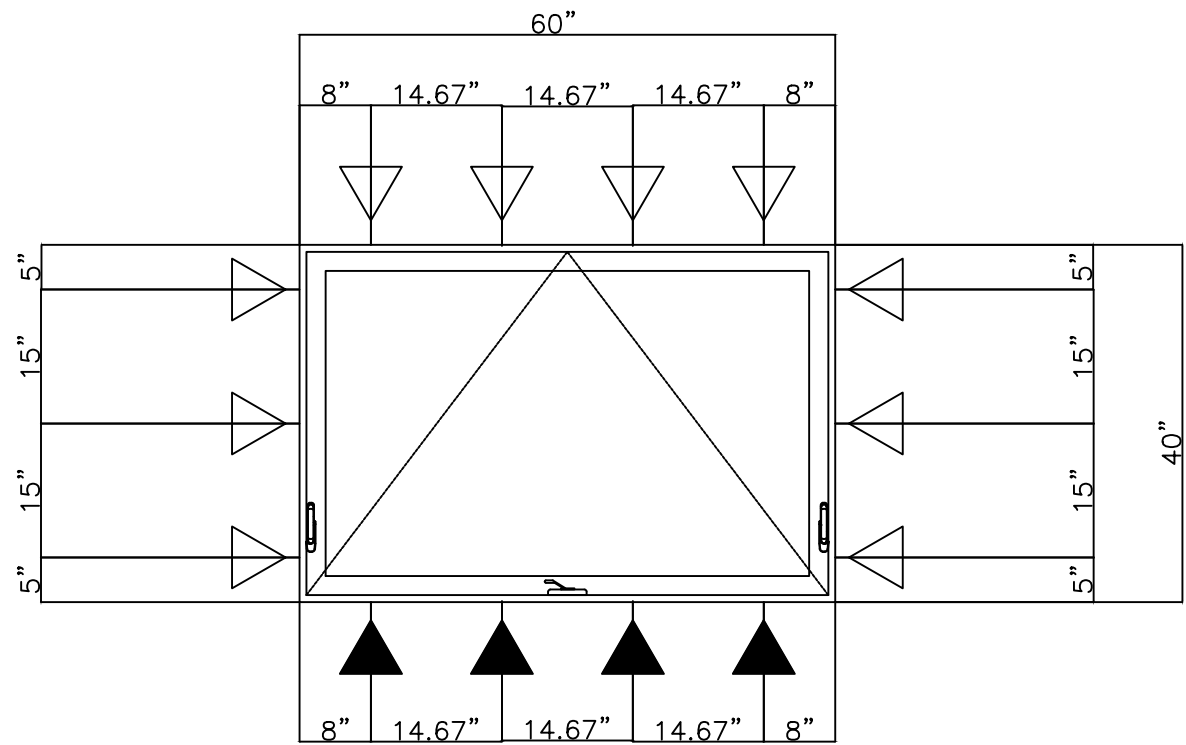
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Project No.: 30351.01-107-16
Drawn By: MDS REV: 0 Date: 3/6/25

Scale: NTS

Sheet 1 of 11



3010i-A4 2-Wide Awning (Impact) – FINLESS INSTALLATION
MAXIMUM SIZE 120" X 40"
DESIGN PRESSURE +/- 70 PSF
MISSILE D – WIND ZONE 4



3010i-A4 Single Awning (Impact) – FINLESS INSTALLATION
MAXIMUM SIZE 60" X 40"
DESIGN PRESSURE +/- 70 PSF
MISSILE D – WIND ZONE 4

KEY

▷ = THROUGH FRAME ANCHOR SPACING

▲ = STRAP ANCHOR

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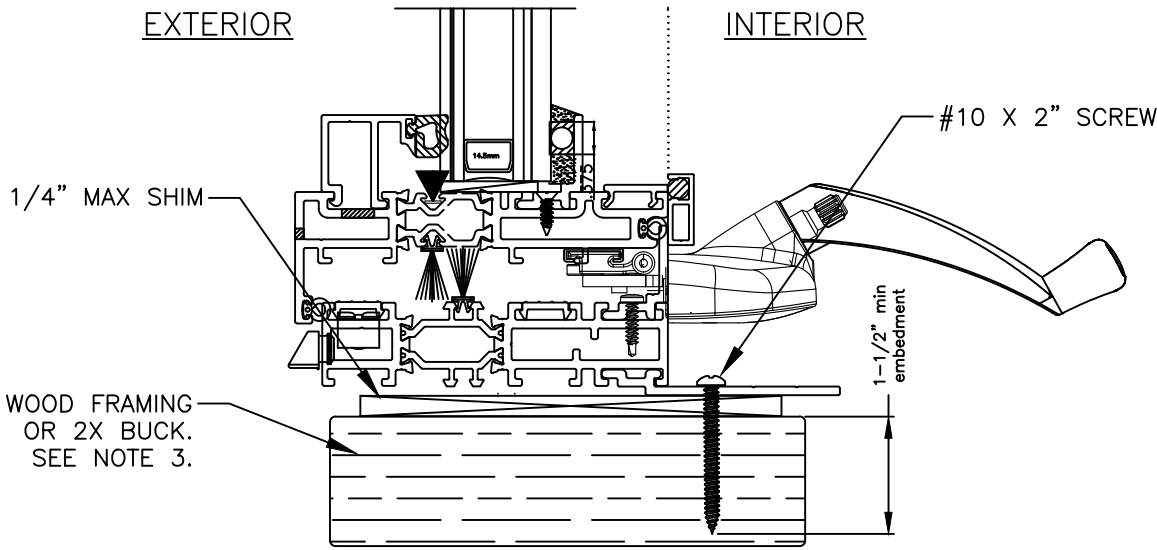
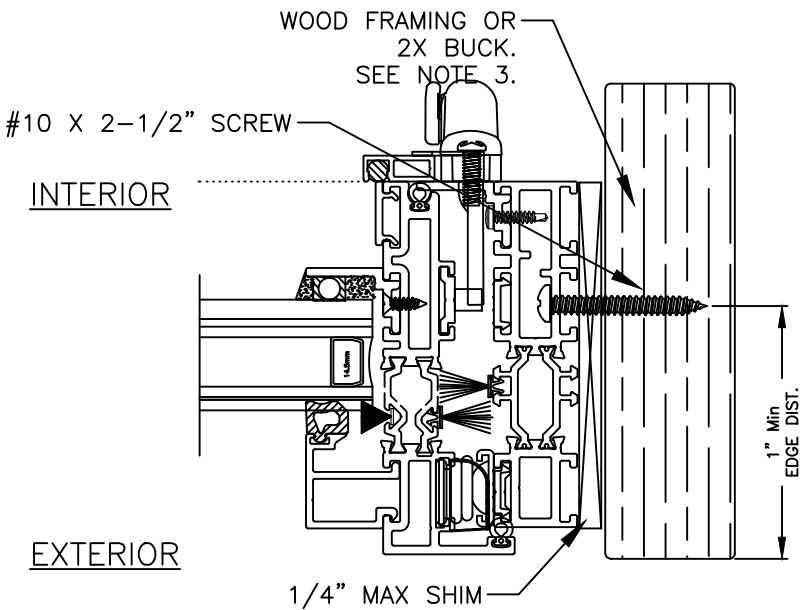
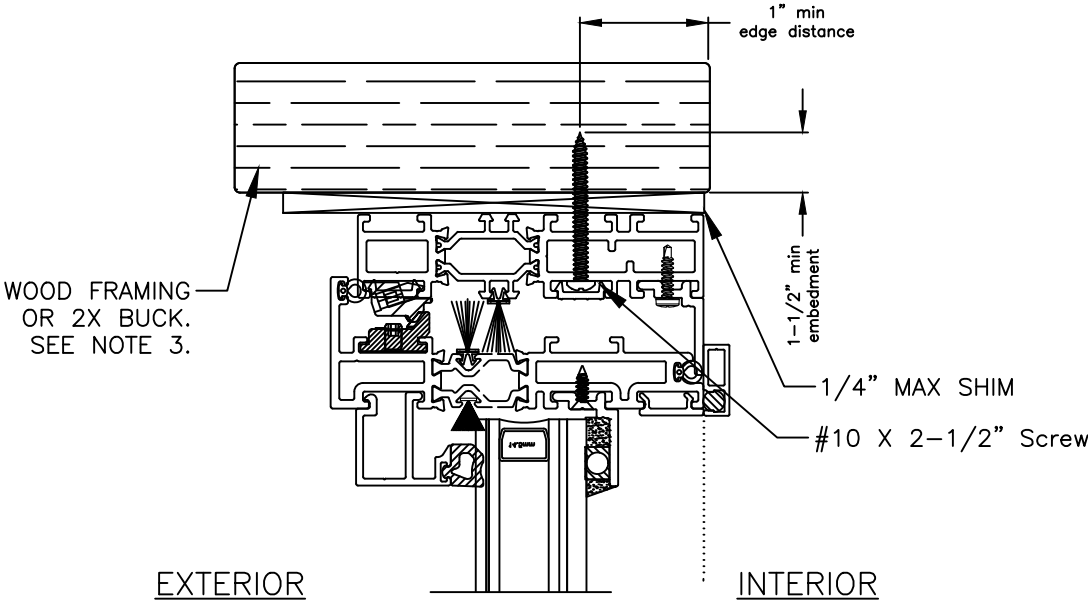
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3010i-A4 Awning Elevation	
St. Cloud Window 390 Industrial Blvd Sauk Rapids, MN 56379	
Drawing No.: 30351.01 - 1001 Project No.: 30351.01-107-16 Drawn By: MDS REV: 0 Date: 3/6/25	
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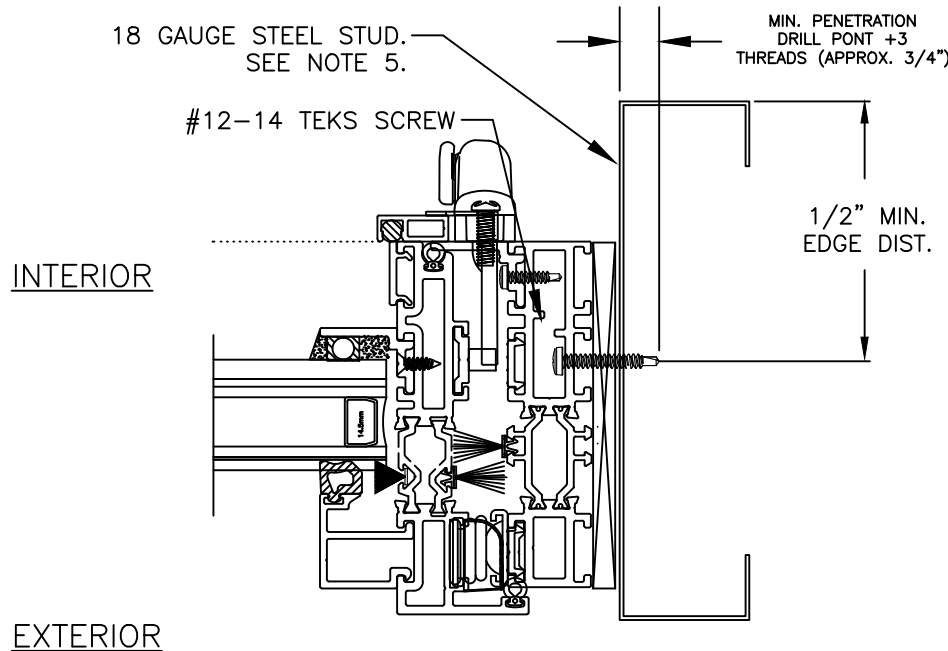
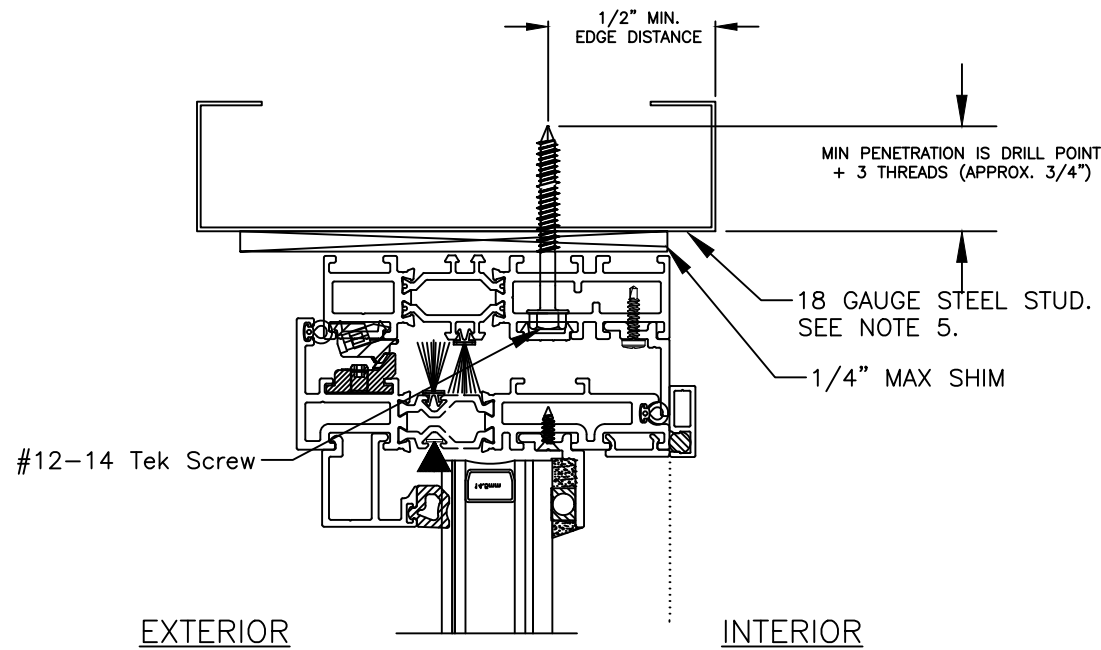
3010i-A4 Awning
Frame Installation to Wood

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

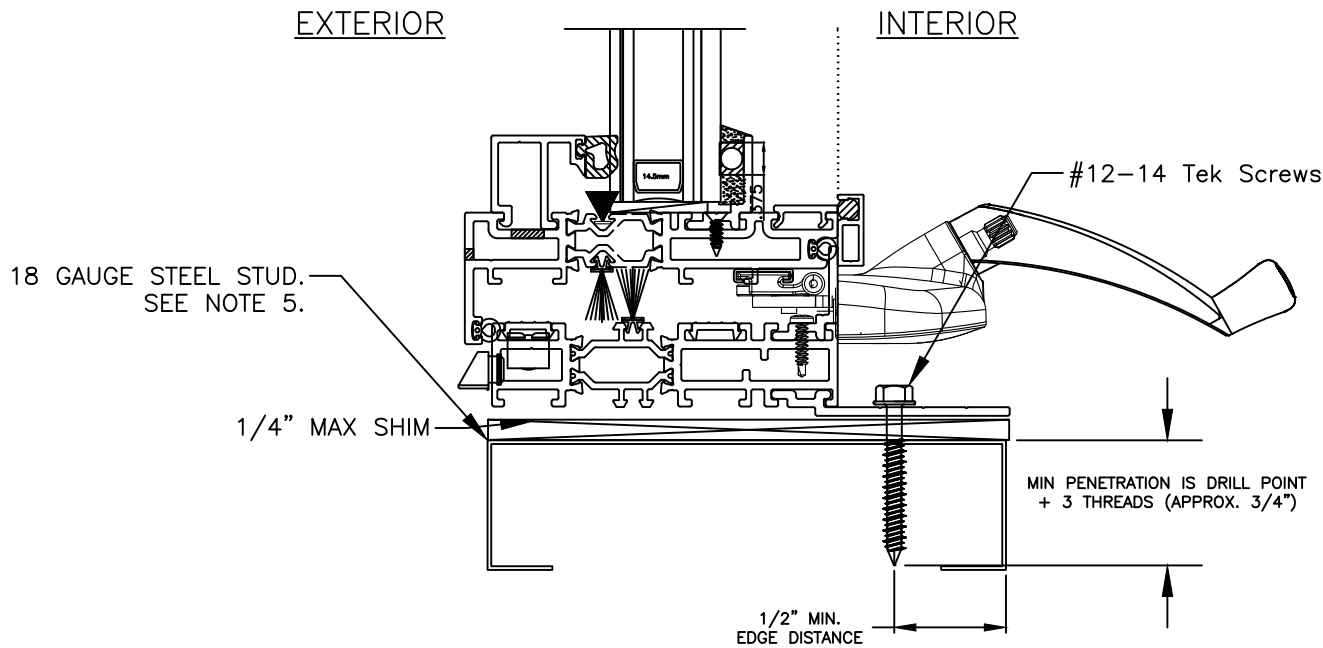
Drawing No.: 30351.01 - 1001
Project No.: 30351.01-107-16
Drawn By: MDS REV: 0 Date: 3/6/25

Scale: NTS Sheet 3 of 11

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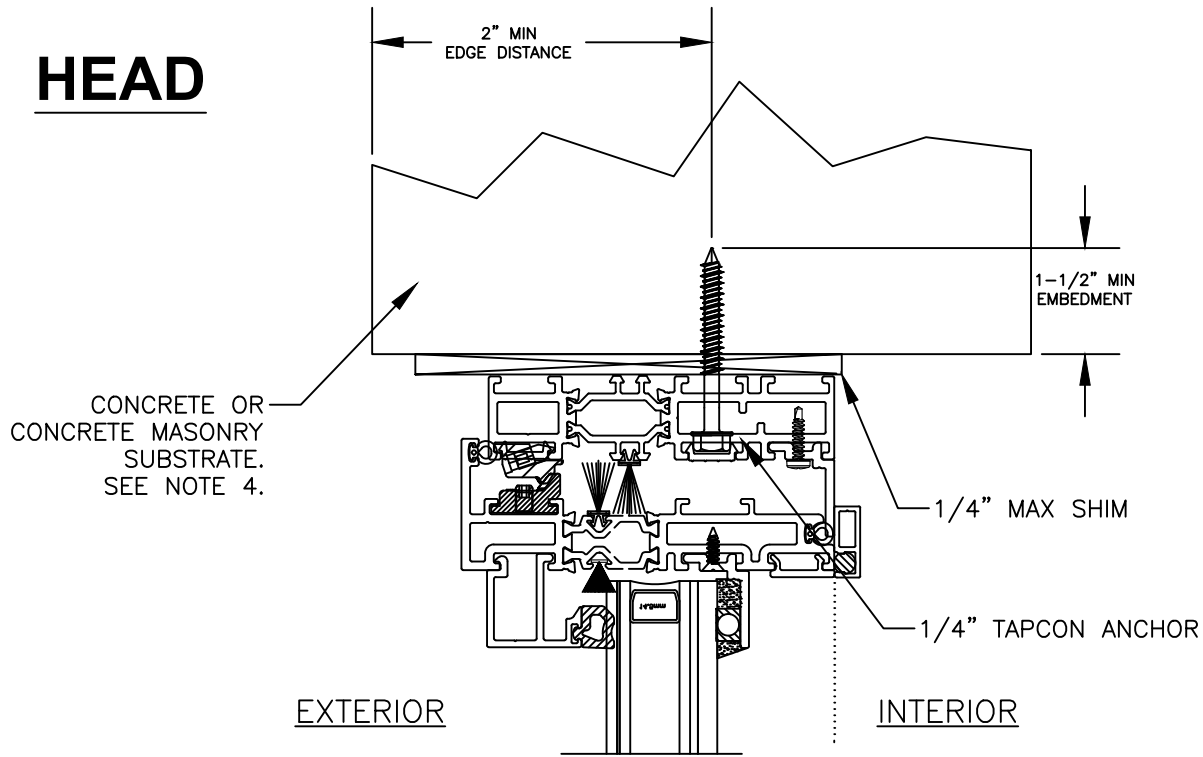


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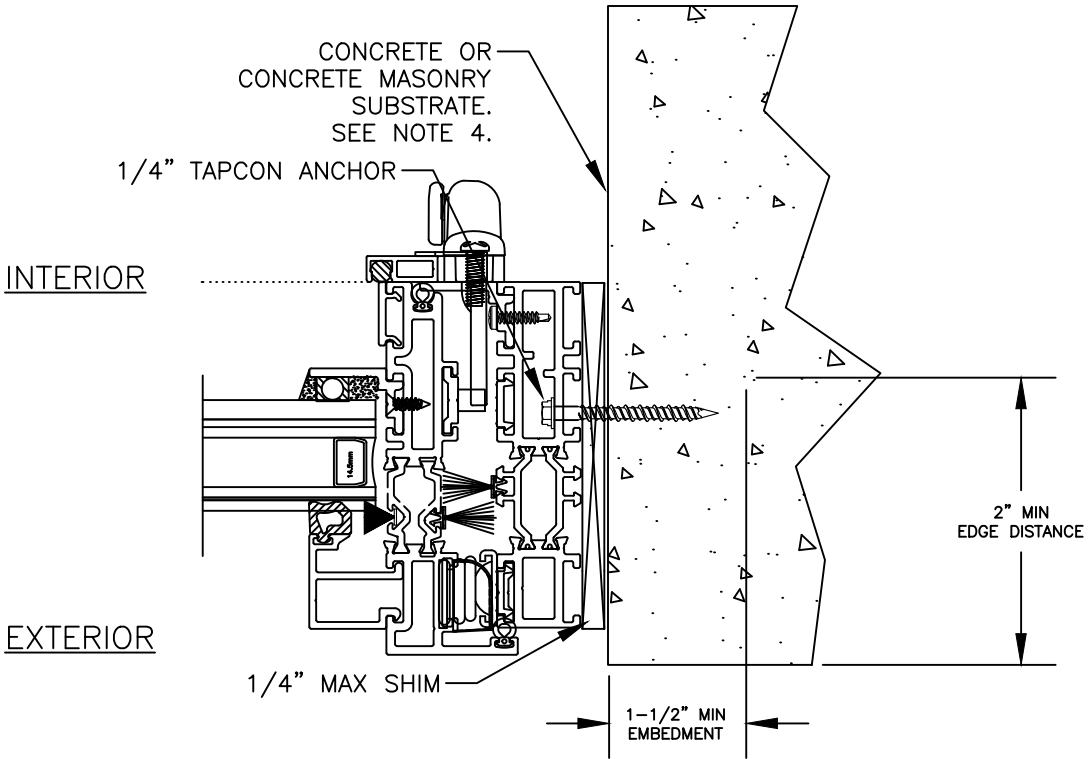
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3010i-A4 Awning Frame Installation to Steel Stud	
St. Cloud Window 390 Industrial Blvd Sauk Rapids, MN 56379	
Drawing No.: 30351.01 - 1001 Project No.: 30351.01-107-16 Drawn By: MDS REV: 0 Date: 3/6/25	
Scale: NTS	Sheet 4 of 11

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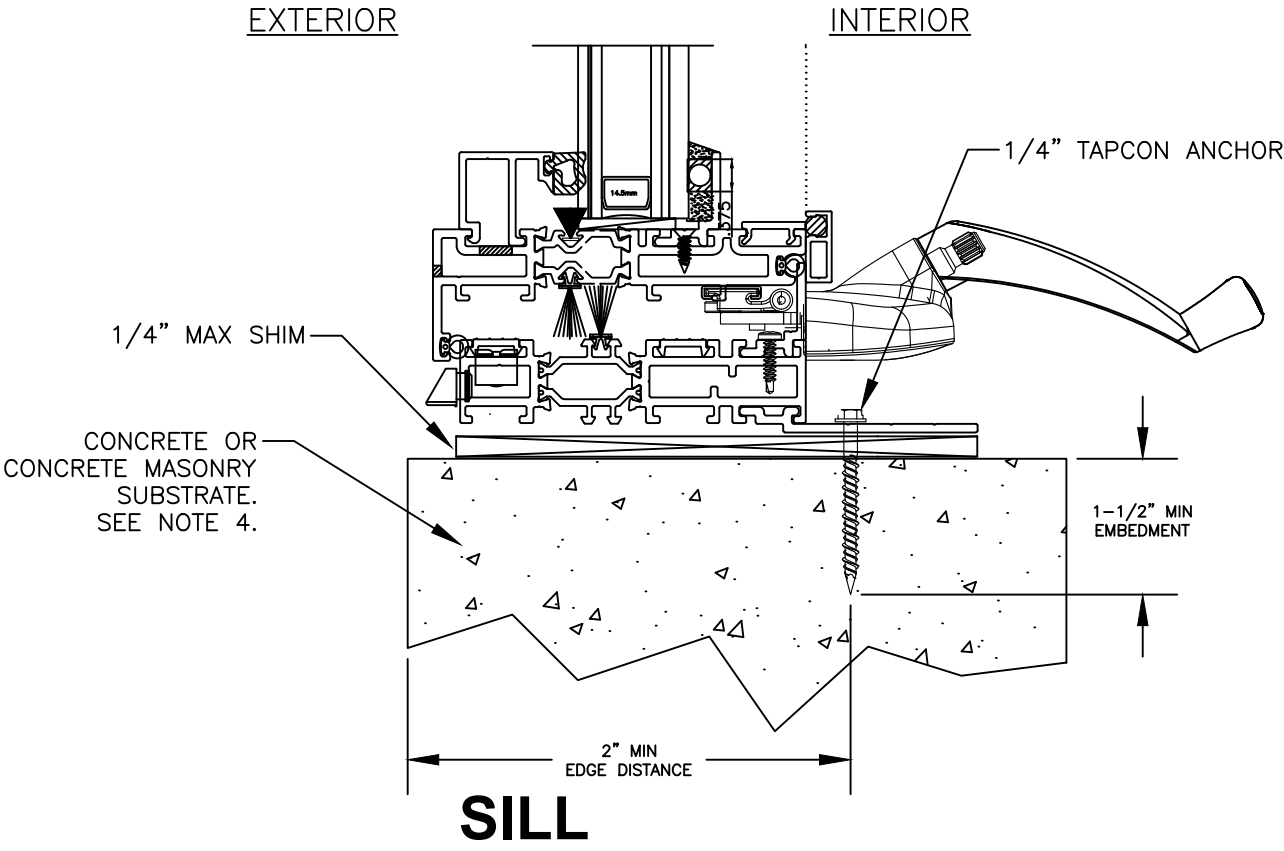
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3010i-A4 Awning
Frame Installation to Concrete/CMU

St. Cloud Window

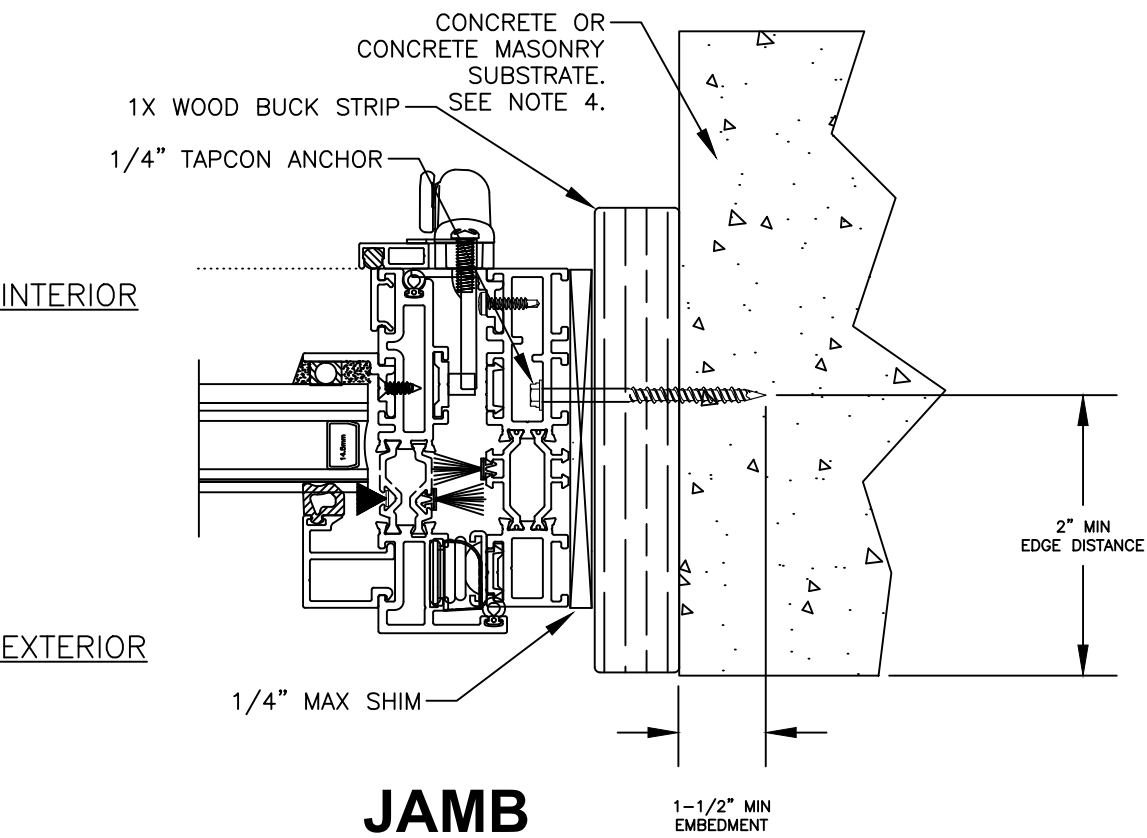
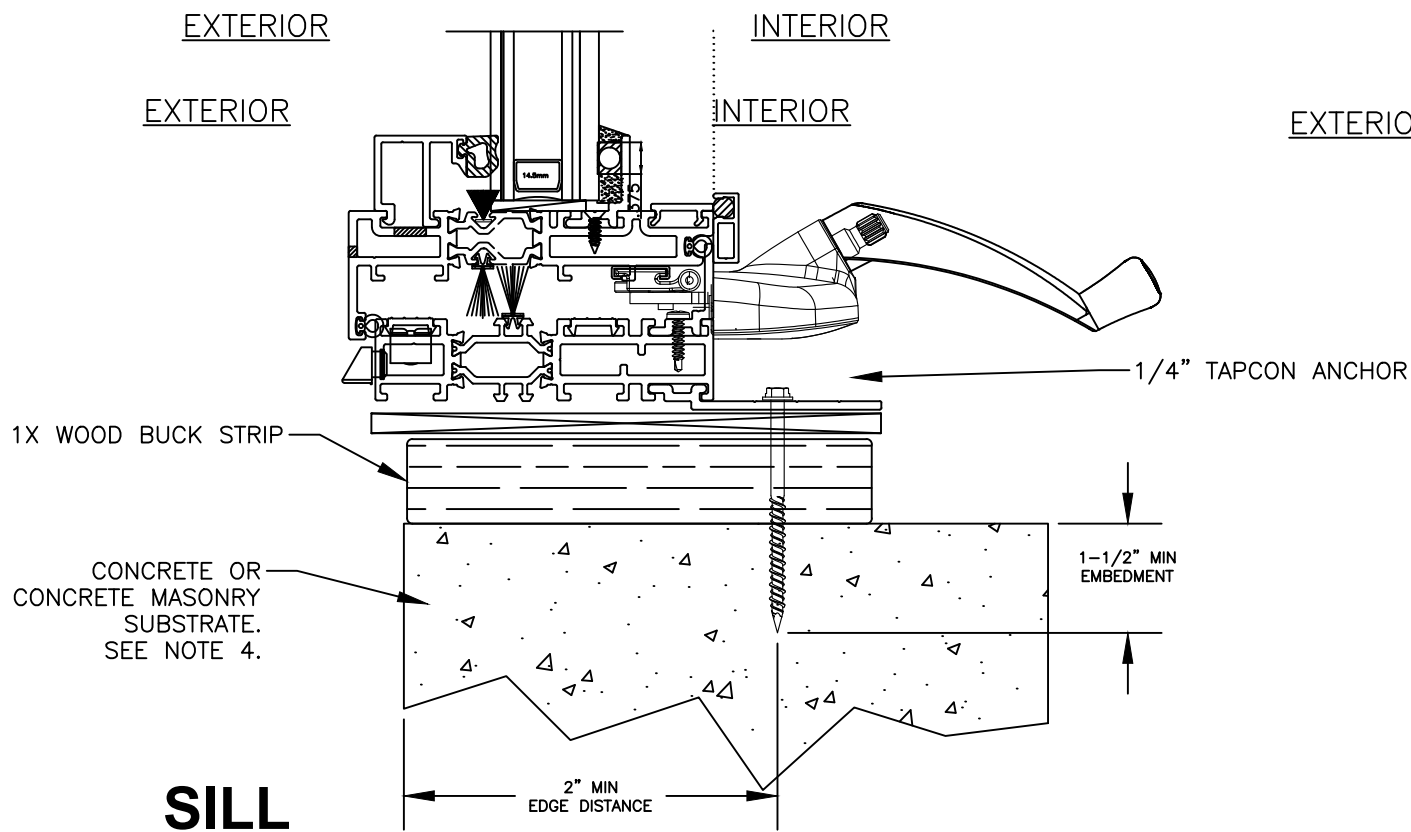
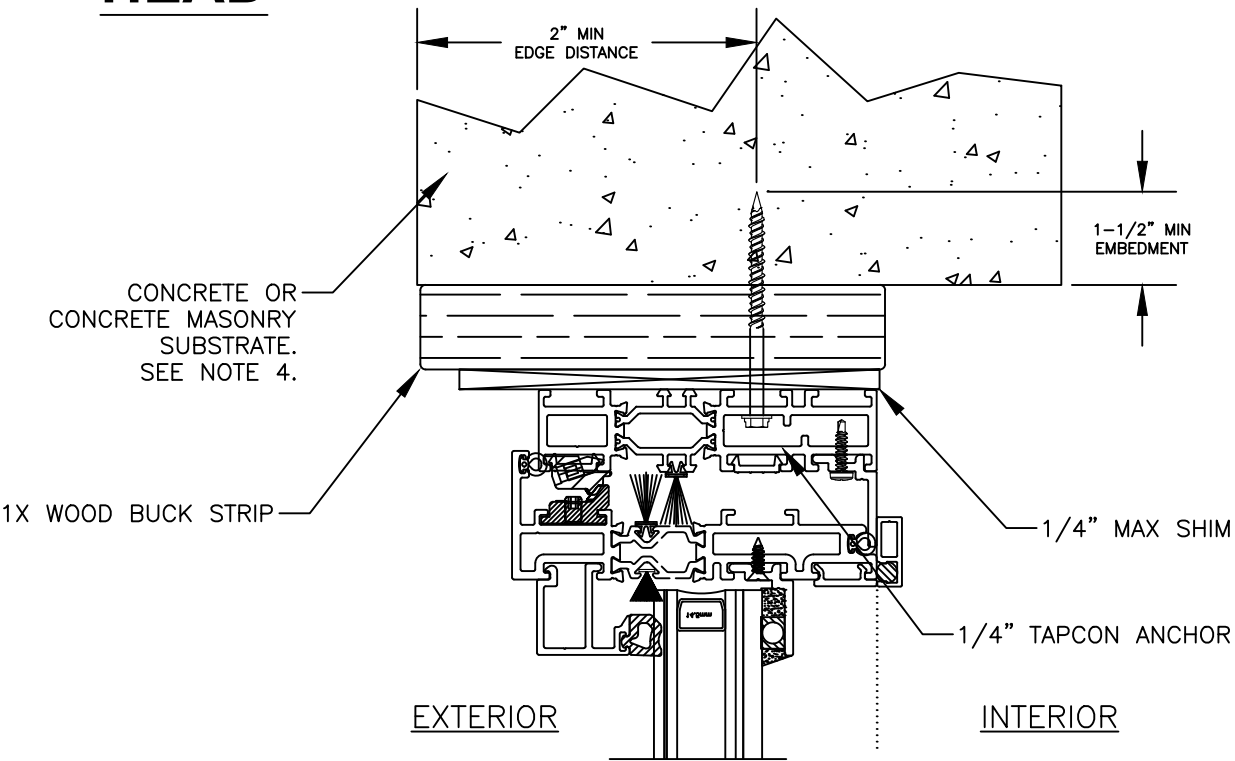
390 Industrial Blvd
Sauk Rapids, MN 56379

Drawing No.: 30351.01 - 1001
Project No.: 30351.01-107-16
Drawn By: MDS REV: 0 Date: 3/6/25

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Sheet 5 of 11

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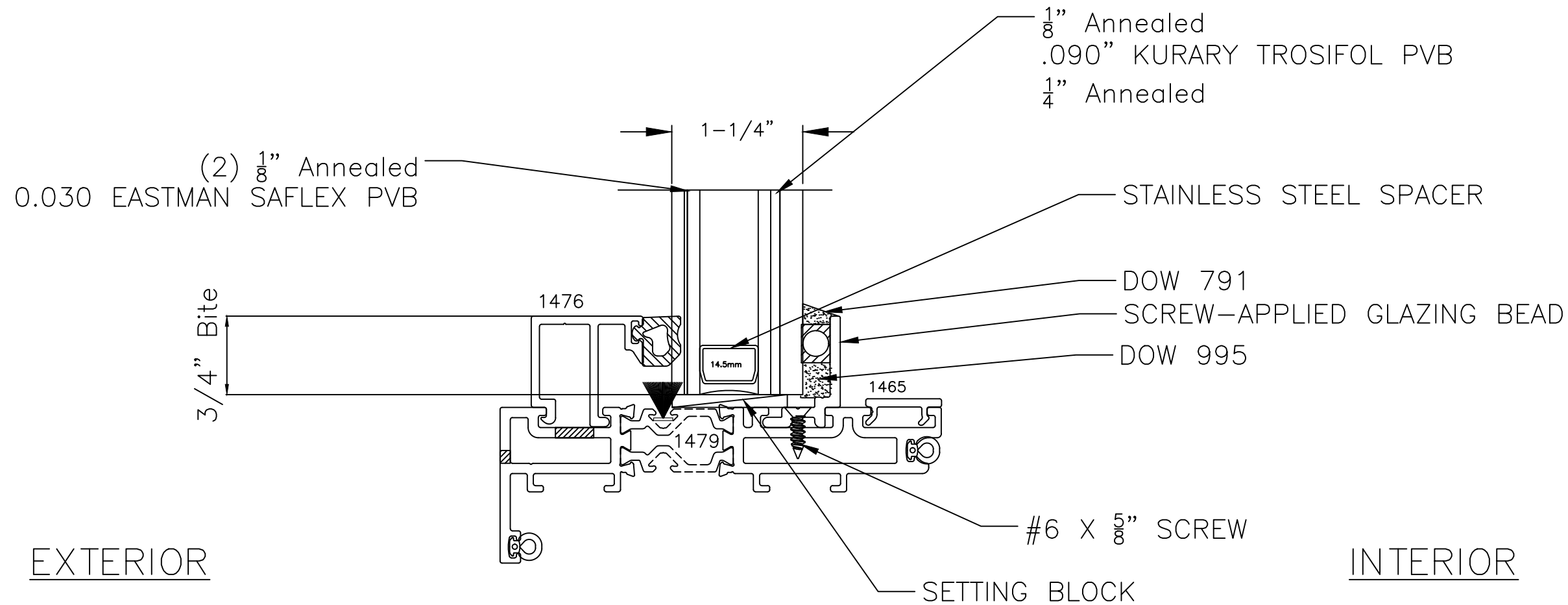
3010i-A4 Awning
Frame Installation to Concrete/CMU

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

Drawing No.: 30351.01 - 1001
Project No.: 30351.01-107-16
Drawn By: MDS REV: 0 Date: 3/6/25

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GLAZING DETAIL
1-1/4" INSULATING GLASS

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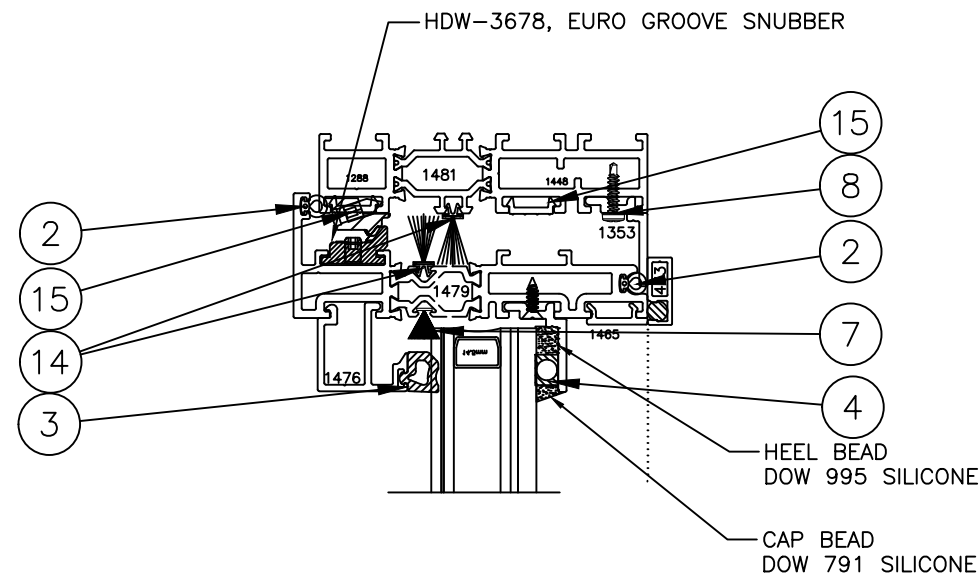
3010i-A4 Awning
Glazing Details

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

Drawing No.: 30351.01 - 1001
Project No.: 30351.01-107-16
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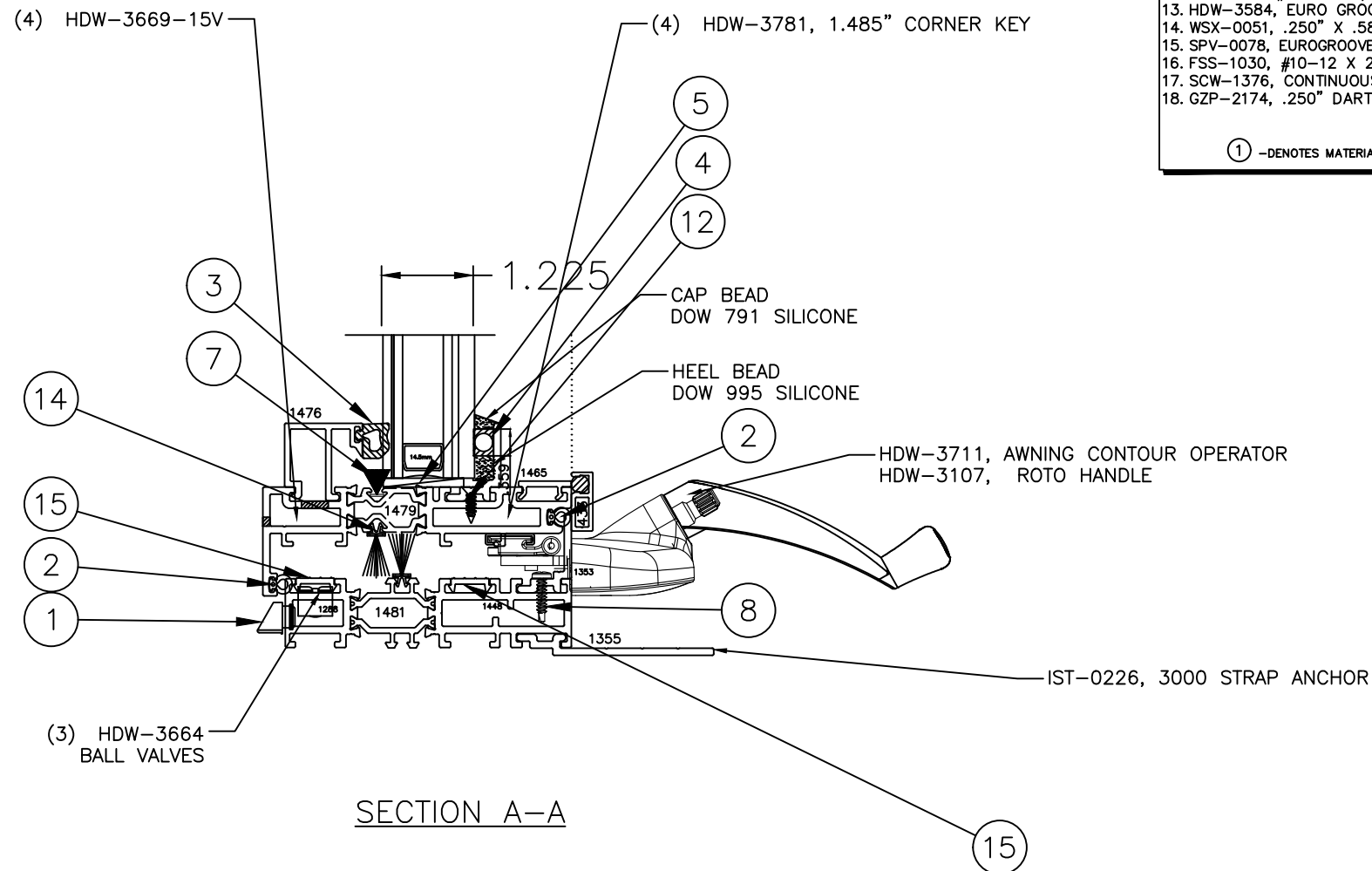
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Sheet 7 of 11



EXTERIOR

INTERIOR

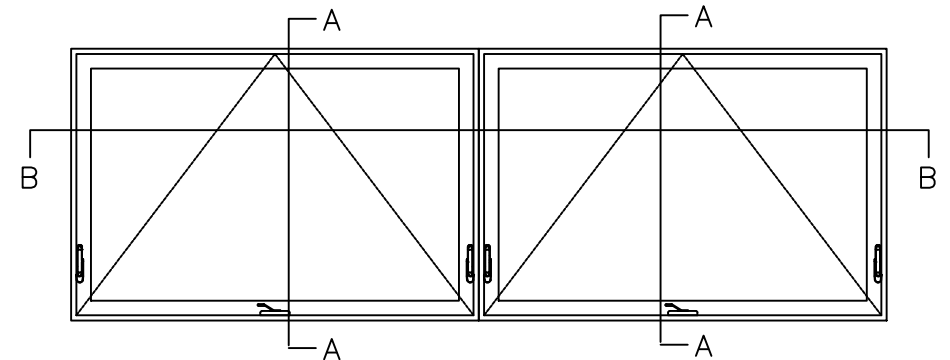


SECTION A-A

MATERIALS PROVIDED BY SCW:

1. HDW-3691, WEEP COVER ASSEMBLY.
2. GZP-2168, .266" x .315" x .180" BLACK BULB.
3. GZP-2184, .375" DARTWEDGE.
4. GZP-2045, 1/4" POLYSHIM.
5. GZP-2164, 1/8" x 1" x 2" SILICONE SETTING BLOCK.
6. FSS-1032, #10-12 X 2-1/2" P FH SMS S/S.
7. WSX-0049, .187" X .27" WEATHERSTRIP-BLK.
8. FSS-1275, #6 x 5/8" SQ PH TEK
9. NOT USED
10. HDW-3817, 5/16" Diecast Window Screen Clip
11. FSS-1064, 10-24 x 5/8" CLIP SCREWS.
12. FSS-1116, #6-18 X 1/2" SQ FH SMS S/S.
13. HDW-3584, EURO GROOVE SASH SUPPORT BLOCK
14. WSX-0051, .250" X .580" WEATHERSTRIP-BLK (SILICONE IN PLACE)
15. SPV-0078, EUROGROOVE SNAP COVER
16. FSS-1030, #10-12 X 2" P FH S/S.
17. SCW-1376, CONTINUOUS NAIL FIN.
18. GZP-2174, .250" DARTWEDGE.

① -DENOTES MATERIALS FURNISHED BY SCW.



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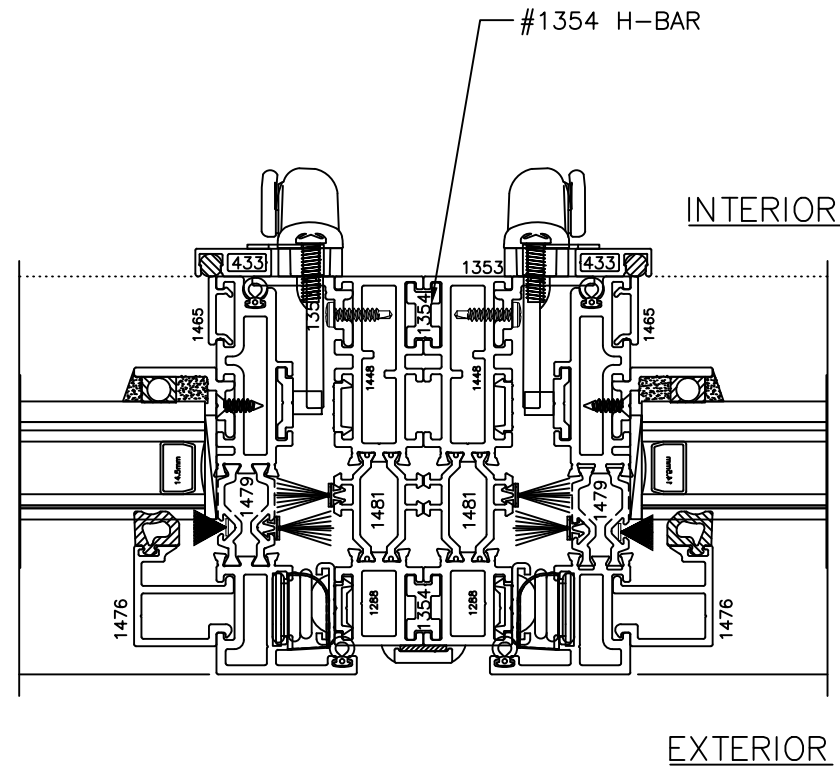
**3010i-A4 Awning
Sections**

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

Drawing No.: 30351.01 - 1001
Project No.: 30351.01-107-16
Drawn By: MDS REV: 0 Date: 3/6/25

Scale: NTS

Sheet 8 of 11



GKT-0066, LH08 LOCK HOUSING

HDW-3820-WHT, MULTIPOINT LOCK HANDLE

HEEL BEAD

CAP BEAD

HDW-3672, 4-BAR HINGE

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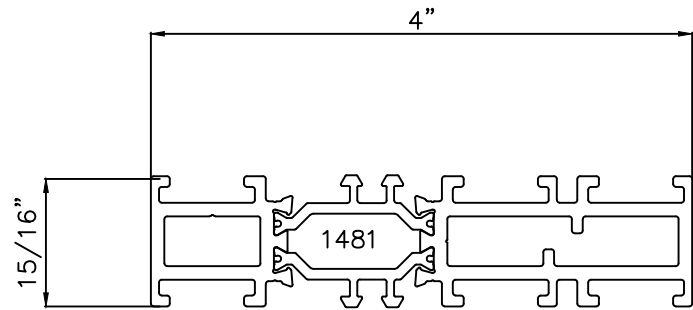
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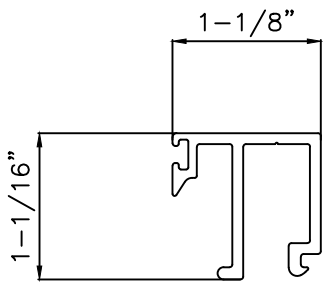
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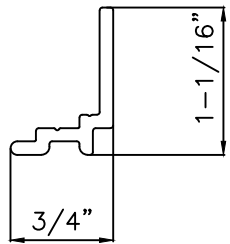
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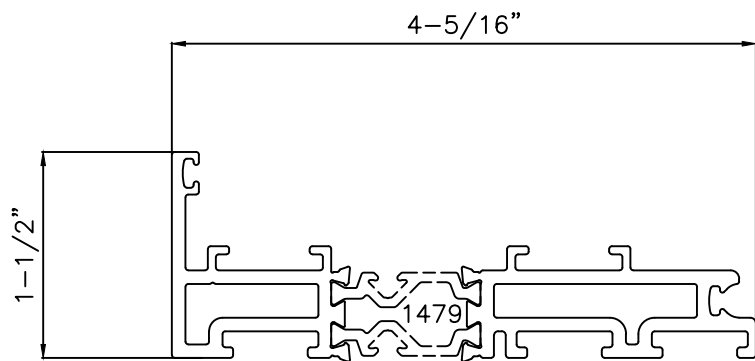
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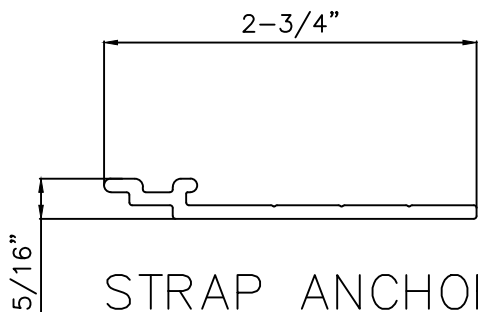
GLAZING STOP
6063-T6



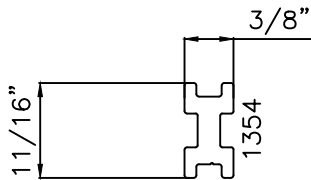
VENT STOP LEG
6063-T6



VENT
6063-T6



STRAP ANCHOR
6063-T6



H-BAR
6063-T6

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

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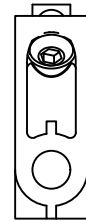
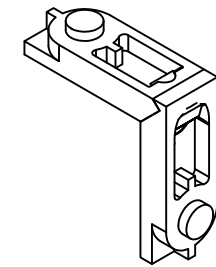
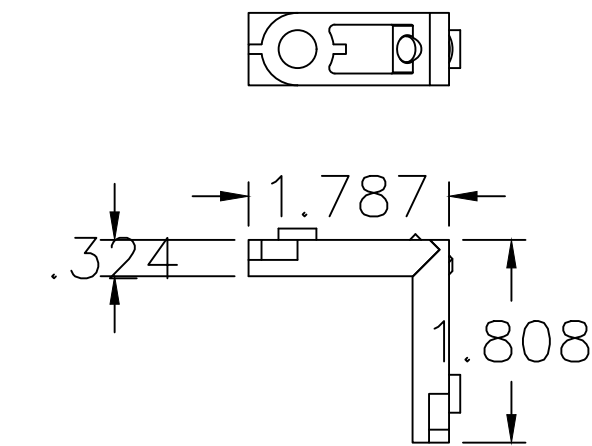
3010i-A4 Awning
Components

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

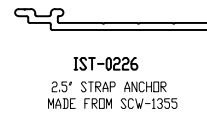
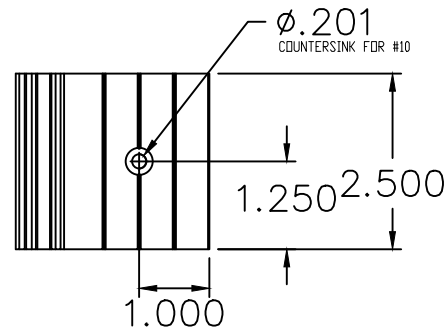
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Project No.: 30351.01-107-16
Drawn By: MDS REV: 0 Date: 3/6/25

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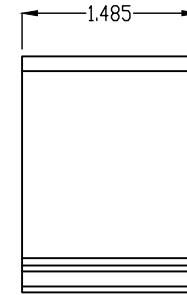
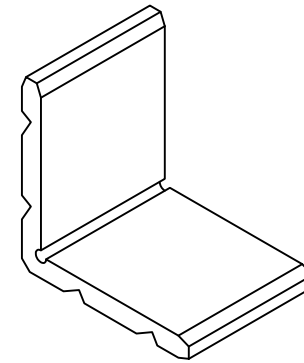
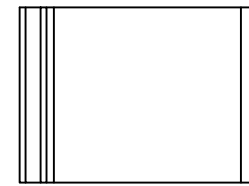
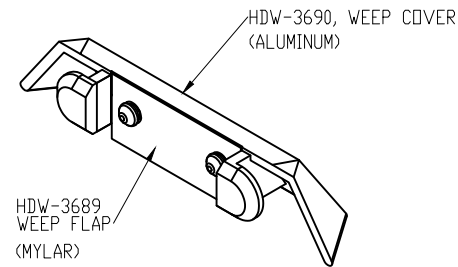
Sheet 10 of 11



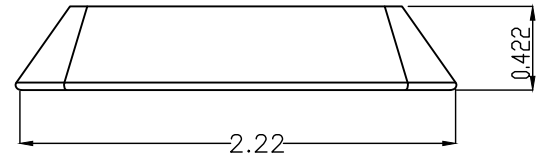
HDW-3652, CORNER JOINT



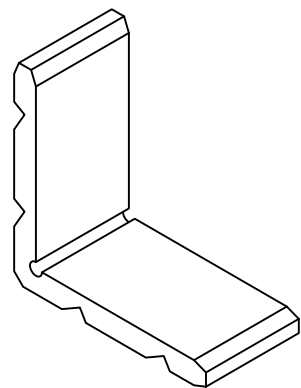
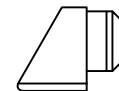
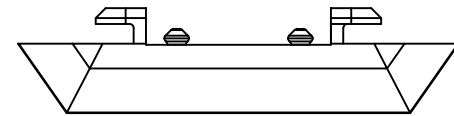
IST-0226
2.5" STRAP ANCHOR
MADE FROM SCW-1355



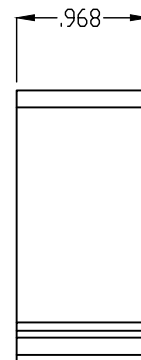
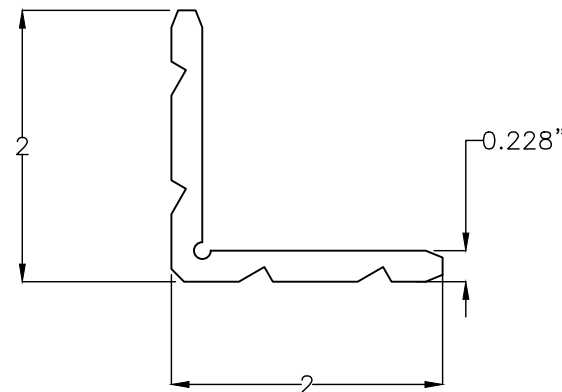
HDW-3781
1.485" CORNER KEY
MADE FROM #395-222-15V



HDW-3691, WEEP COVER ASSEMBLY



HDW-3669
.968" CORNER KEY
MADE FROM #395-222-15V



This item has been digitally signed and sealed by Michael D. Stremmel, PE on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



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

2025.03.11 08:15:24 -04'00'

3010i-A4 Awning Components

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

Drawing No.: 30351.01 - 1001
Project No.: 30351.01-107-16
Drawn By: MDS REV: 0 Date: 3/6/25

Scale: NTS

Sheet 11 of 11