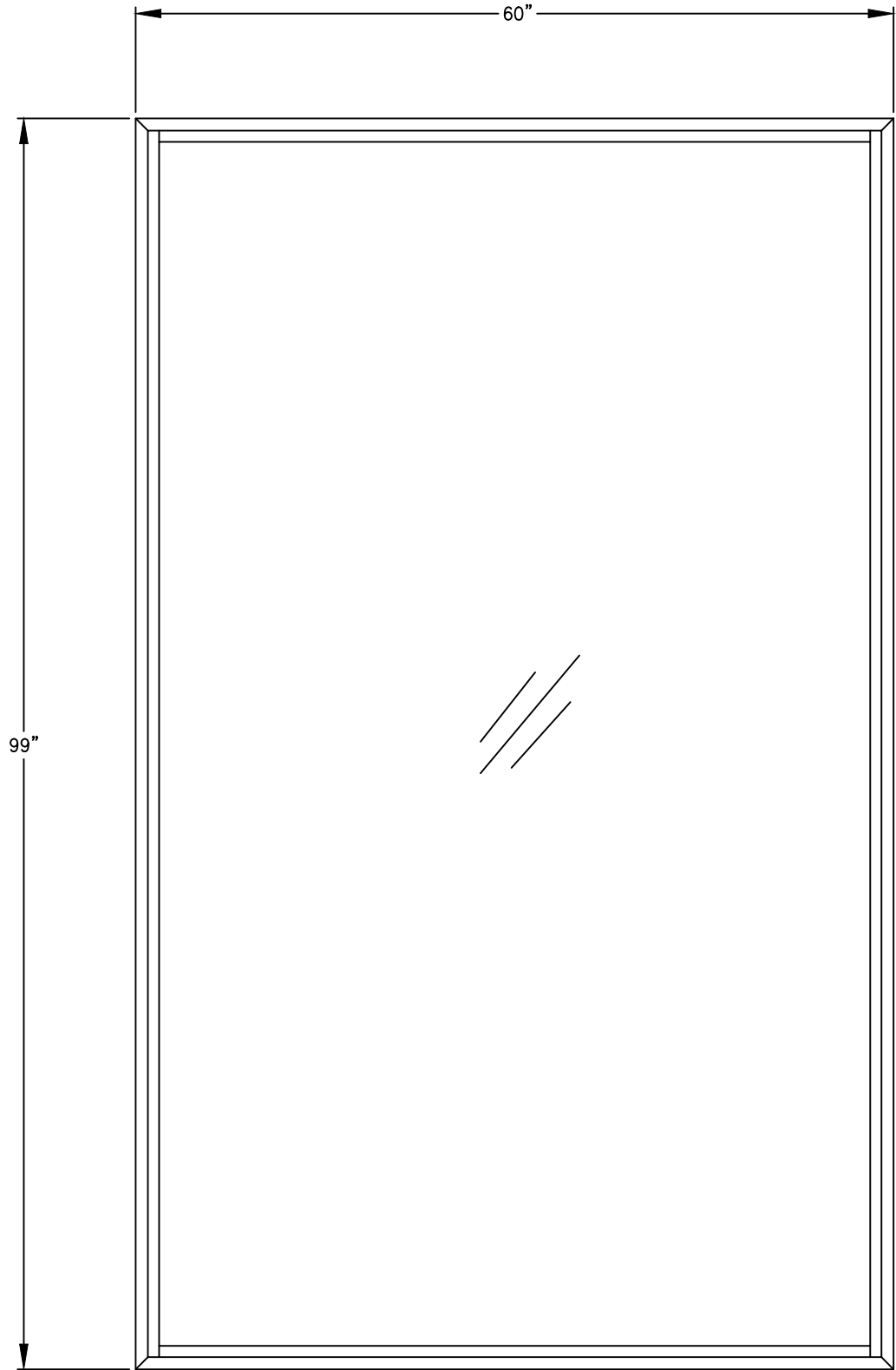


NOTES:

- Products and 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 Southern Yellow Pine (G=0.55) 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 1/2". Shims shall be non-compressible and load bearing type. Every through-frame fastener shall have a shim.
- Short term load duration factors have not been used for evaluation of aluminum and steel components. Load duration factor C_D = 1.6 utilized for connections to wood.
- Products are impact resistant and do not require approved protection devices if used in wind-borne debris regions.
- Approved for use in High Velocity Hurricane Zone (HVHZ).

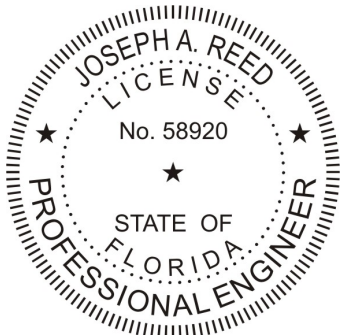
CONTENTS:

Sheet 1	Notes and Elevations
Sheet 2	Anchor Plan
Sheet 3	Fin Installation Details
Sheets 4-5	Strap Anchor installation Details
Sheets 6-7	Frame Installation Details
Sheet 8	Glazing Details
Sheet 9	Sections and Bill of Materials
Sheet 10	Components



3060-A4 FIXED WINDOW (IMPACT)
MAXIMUM SIZE: 60" WIDE X 99" TALL
MAXIMUM GLAZING SIZE: 56" WIDE X 95" TALL
DESIGN PRESSURE: +70/-70 PSF
LARGE MISSILE IMPACT RESISTANT

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2023.08.24 16:13:55 -04'00'

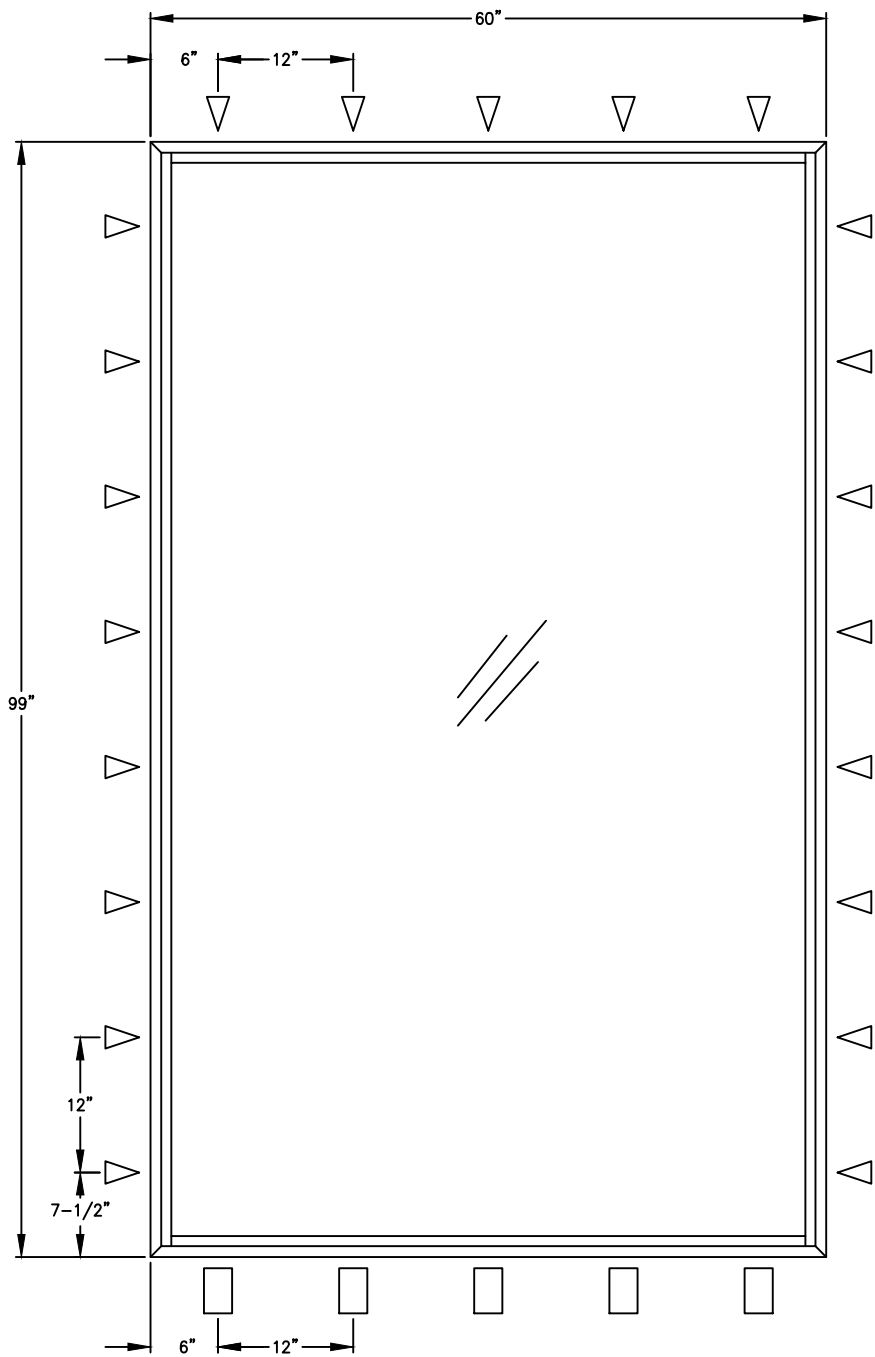
3060-A4 Fixed Window - Impact
Notes and Elevations

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

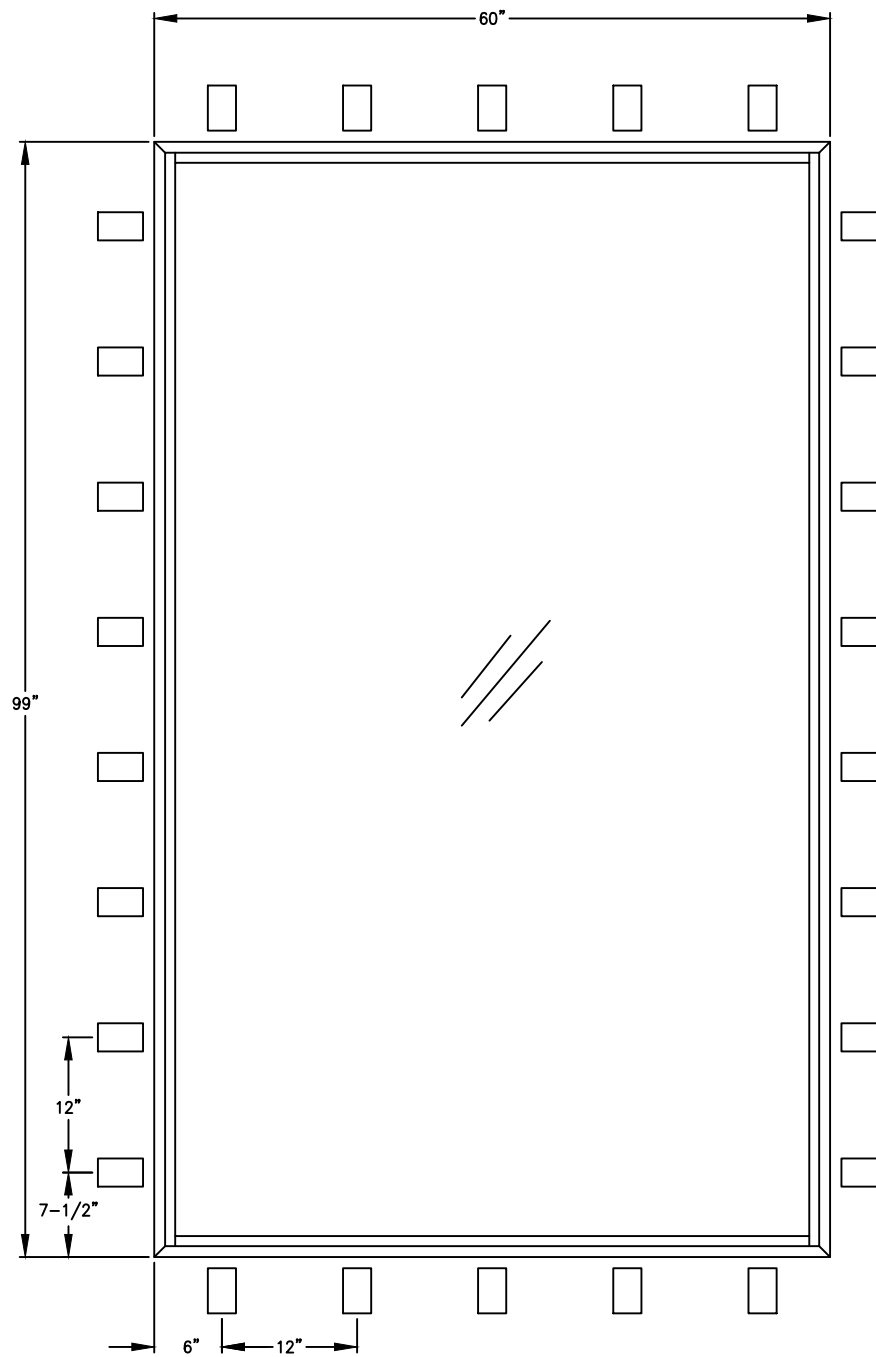
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Project No.: Q4674.01-122-34
Drawn By: JAR Rev: - Date: 08/23/23

Scale: NTS

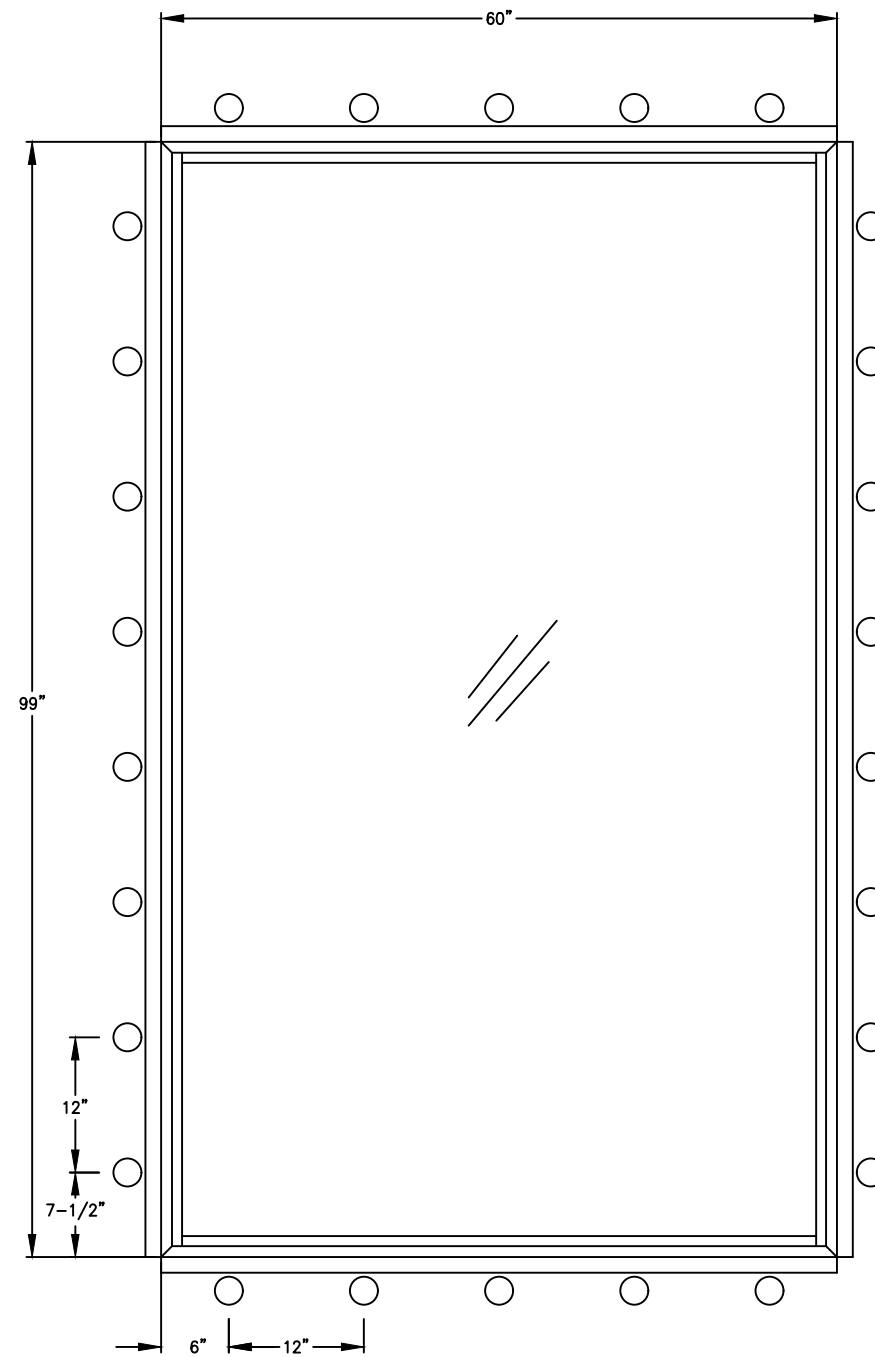
Sheet 1 of 10



3060-A4 FIXED WINDOW - FRAME INSTALLATION
DESIGN PRESSURE: +70/-70 PSF
LARGE MISSILE IMPACT RESISTANT
SEE SHEETS 6 TO 7 FOR ANCHOR DETAILS



3060-A4 FIXED WINDOW - STRAP ANCHOR INSTALLATION
DESIGN PRESSURE: +70/-70 PSF
LARGE MISSILE IMPACT RESISTANT
SEE SHEETS 4 TO 5 FOR ANCHOR DETAILS



3060-A4 FIXED WINDOW - FIN INSTALLATION
DESIGN PRESSURE: +70/-70 PSF
LARGE MISSILE IMPACT RESISTANT
SEE SHEET 3 FOR ANCHOR DETAILS

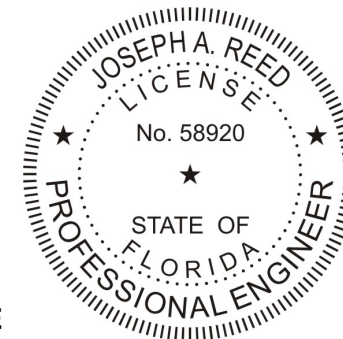
△ FRAME ANCHOR

□ STRAP ANCHOR

○ FIN ANCHOR

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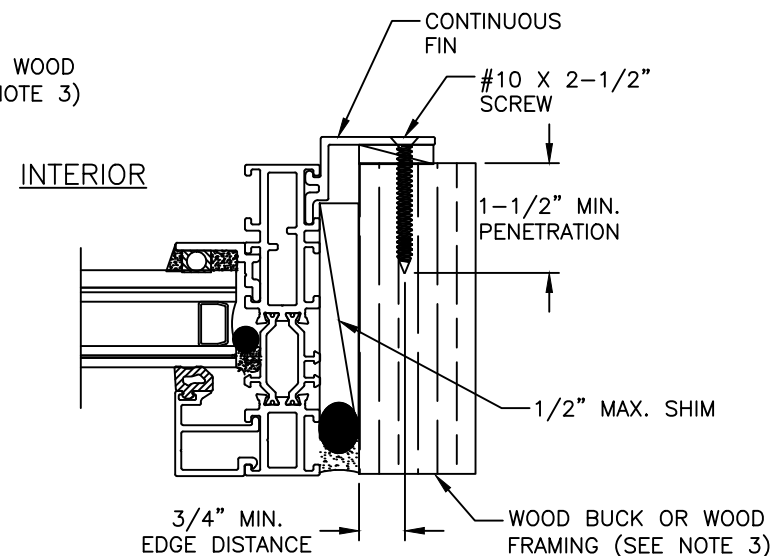
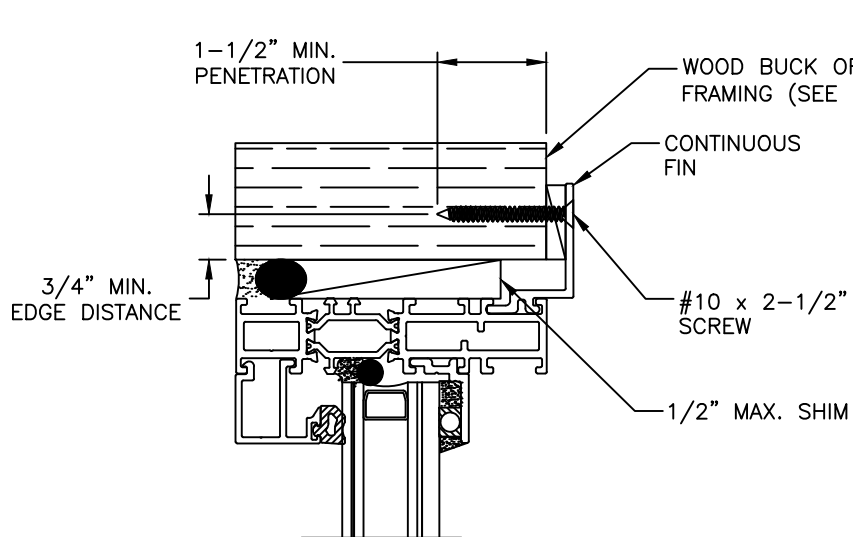
3060-A4 Fixed Window - Impact Anchor Plan

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

Drawing No.: Q4674-1003
Project No.: Q4674.01-122-34
Drawn By: JAR Rev: - Date: 08/23/23

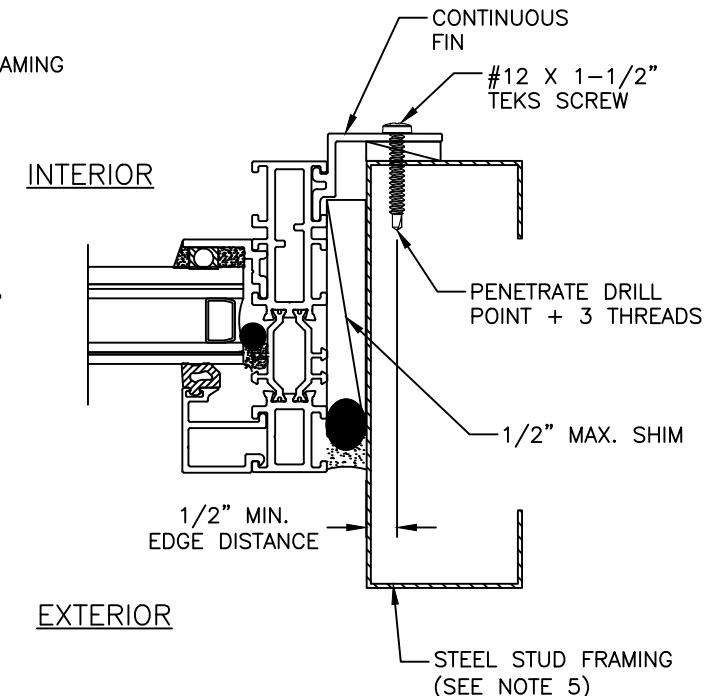
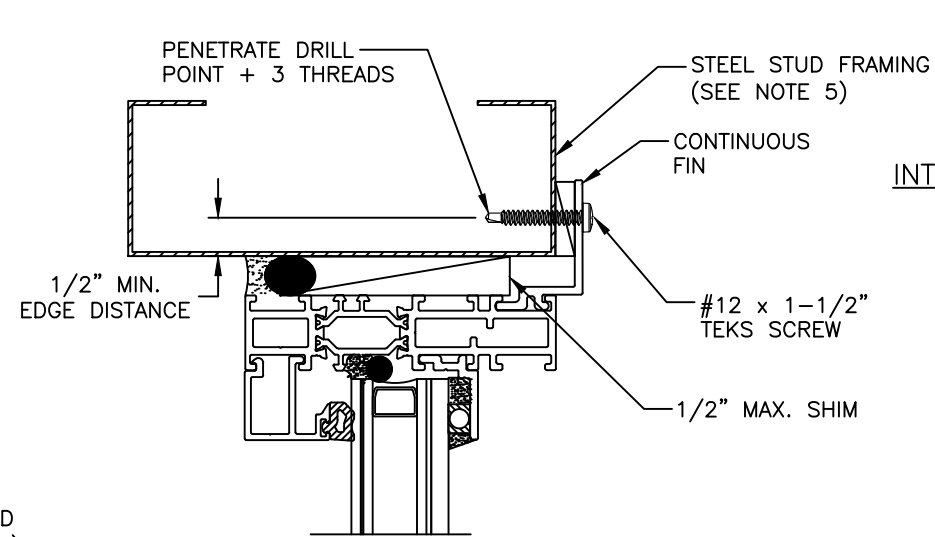
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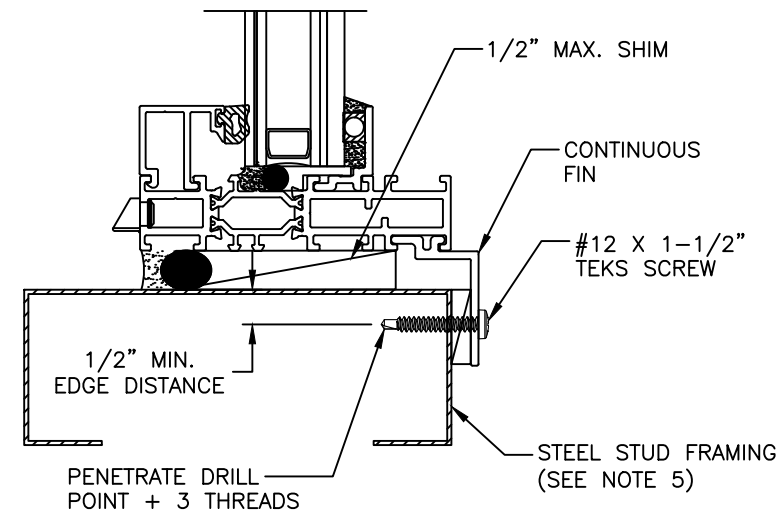
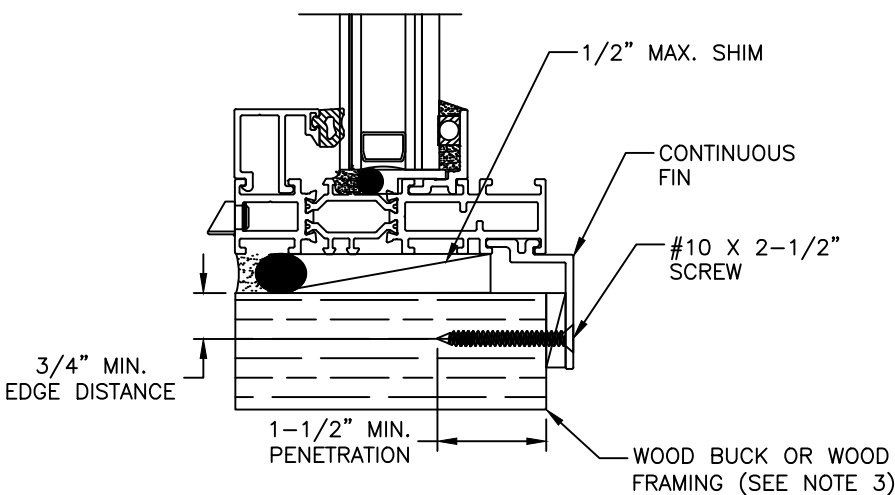
EXTERIOR

INTERIOR



EXTERIOR

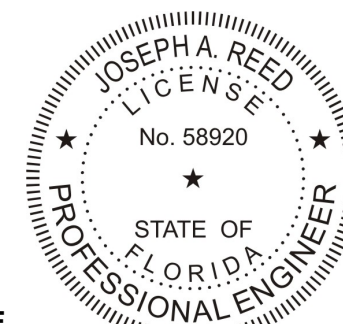
INTERIOR



FIN INSTALLATION TO WOOD

FIN INSTALLATION TO STEEL STUD

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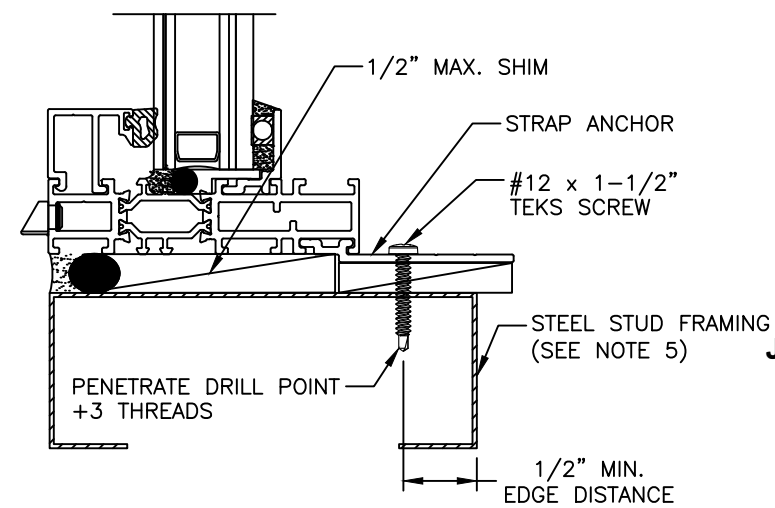
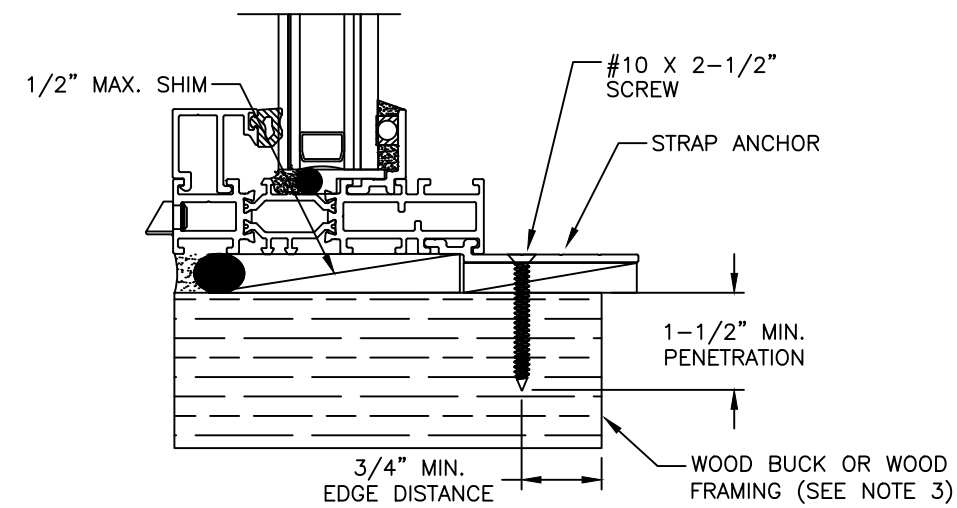
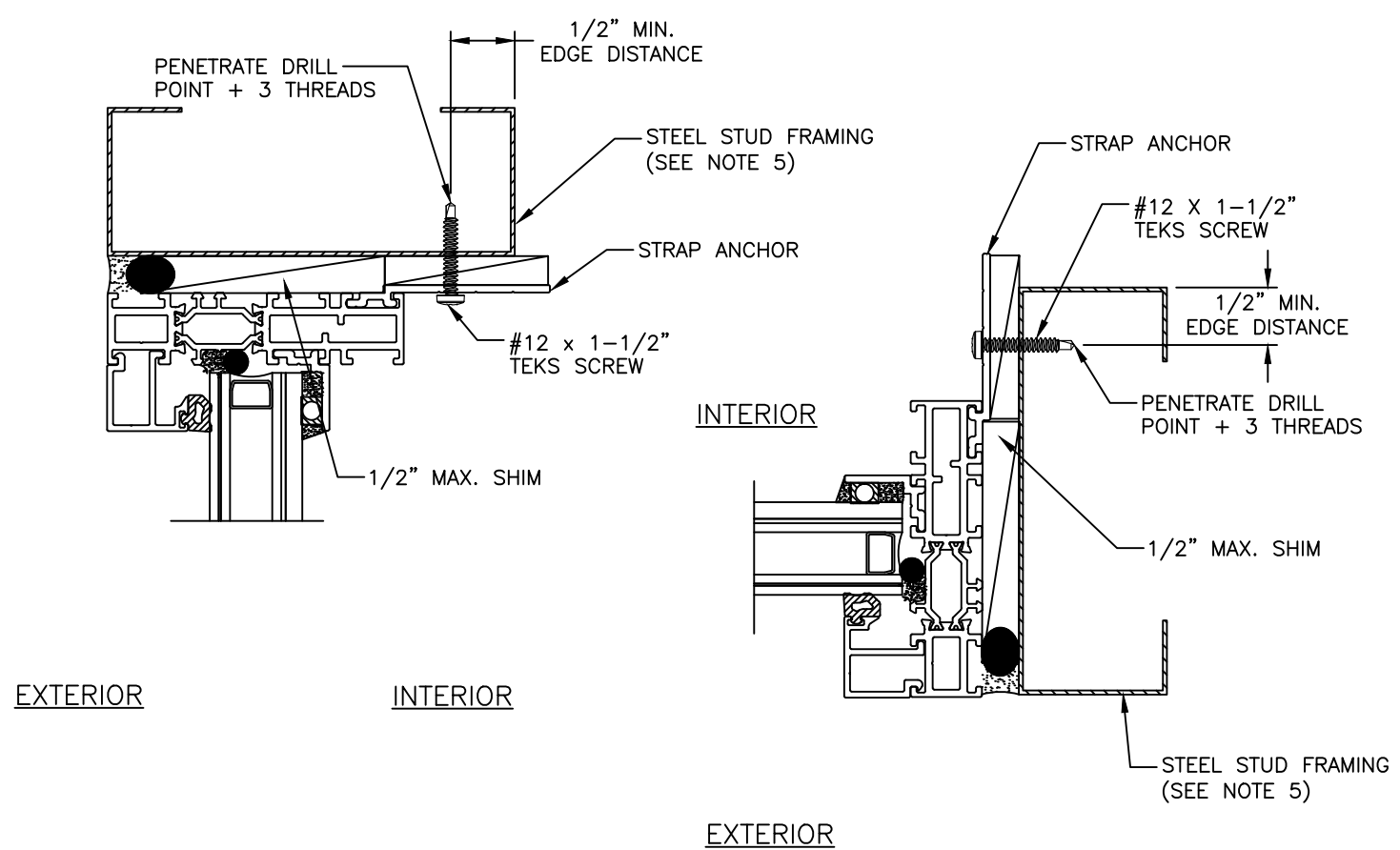
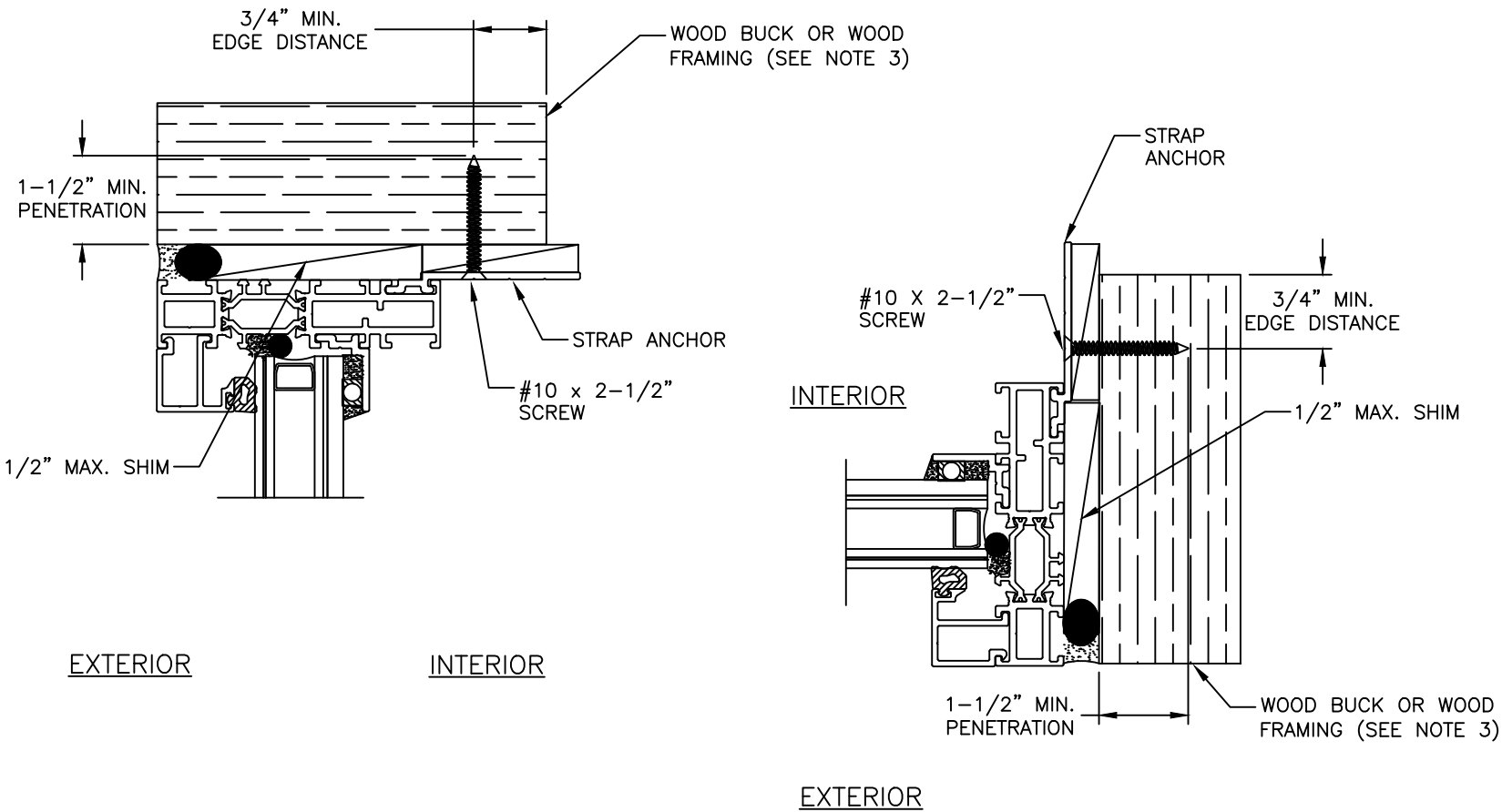
3060-A4 Fixed Window - Impact
Fin Installation Details

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

Drawing No.: Q4674-1003
Project No.: Q4674.01-122-34
Drawn By: JAR Rev: - Date: 08/23/23

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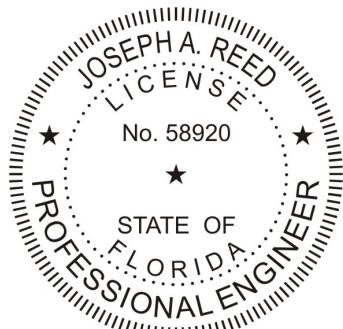
Sheet 3 of 10



STRAP ANCHOR INSTALLATION TO WOOD

STRAP ANCHOR INSTALLATION TO STEEL STUD

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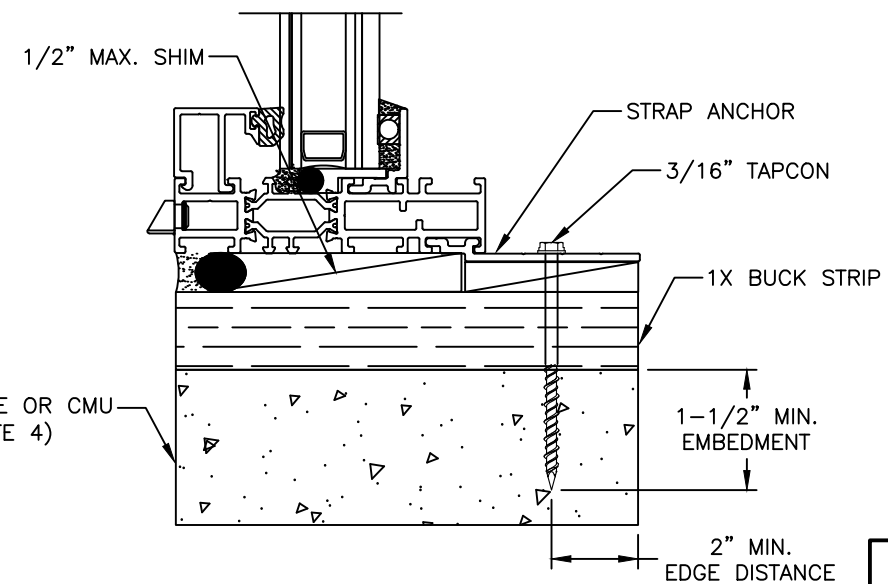
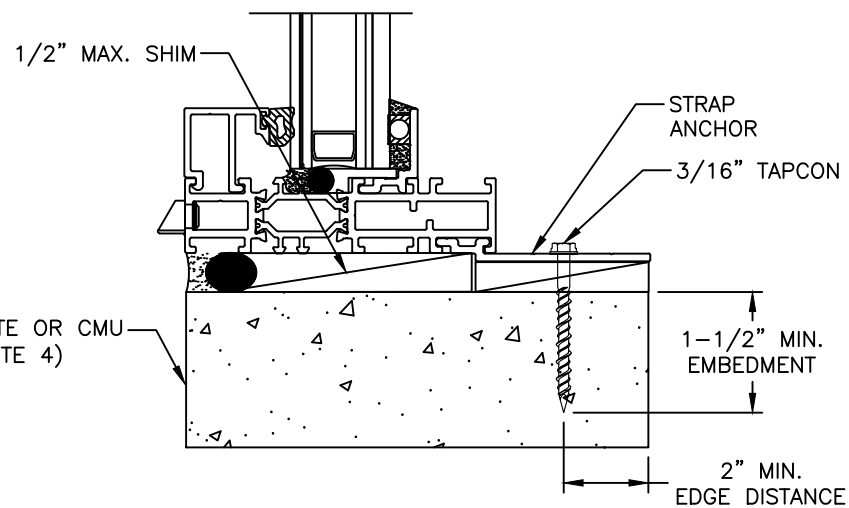
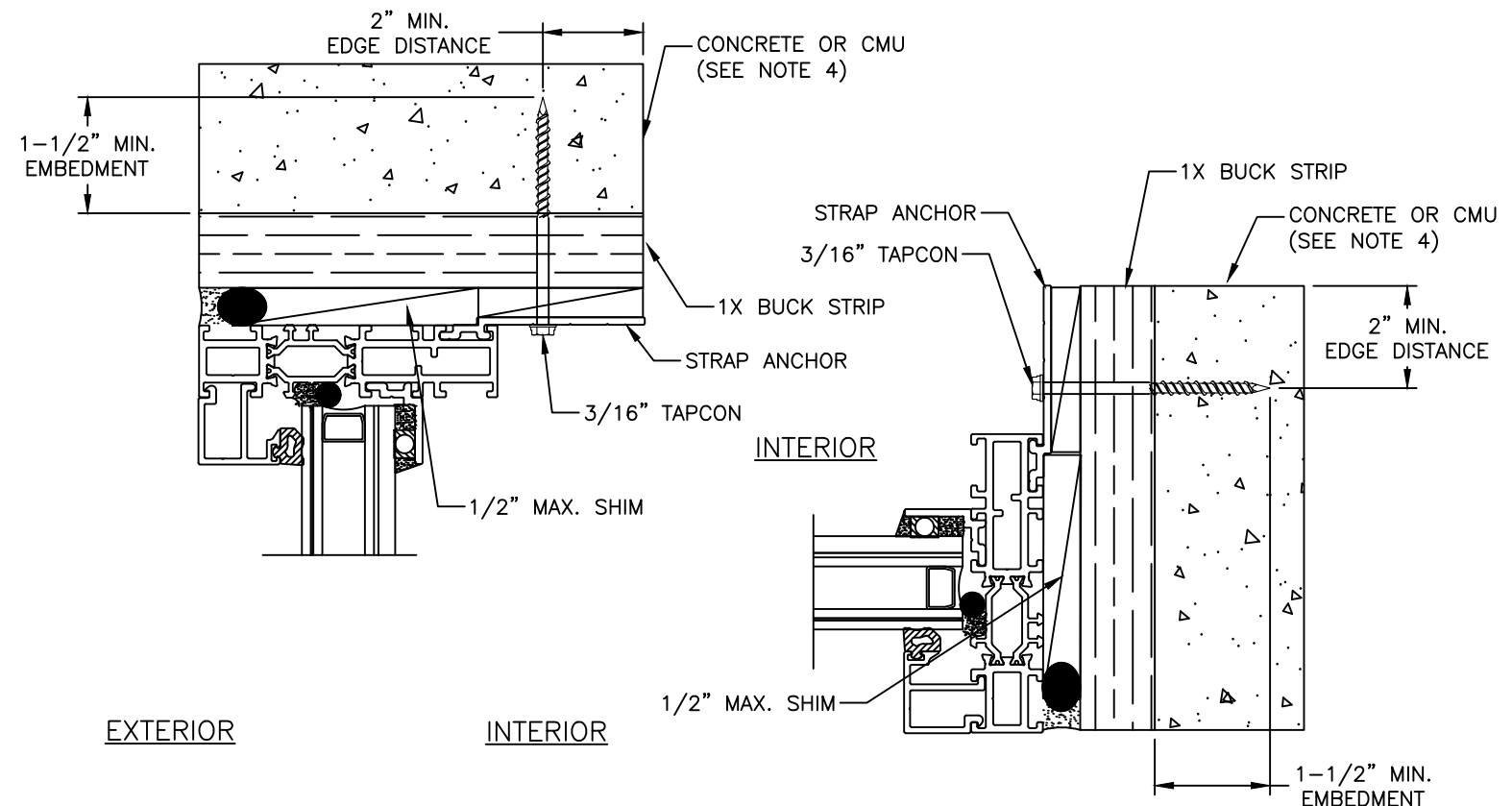
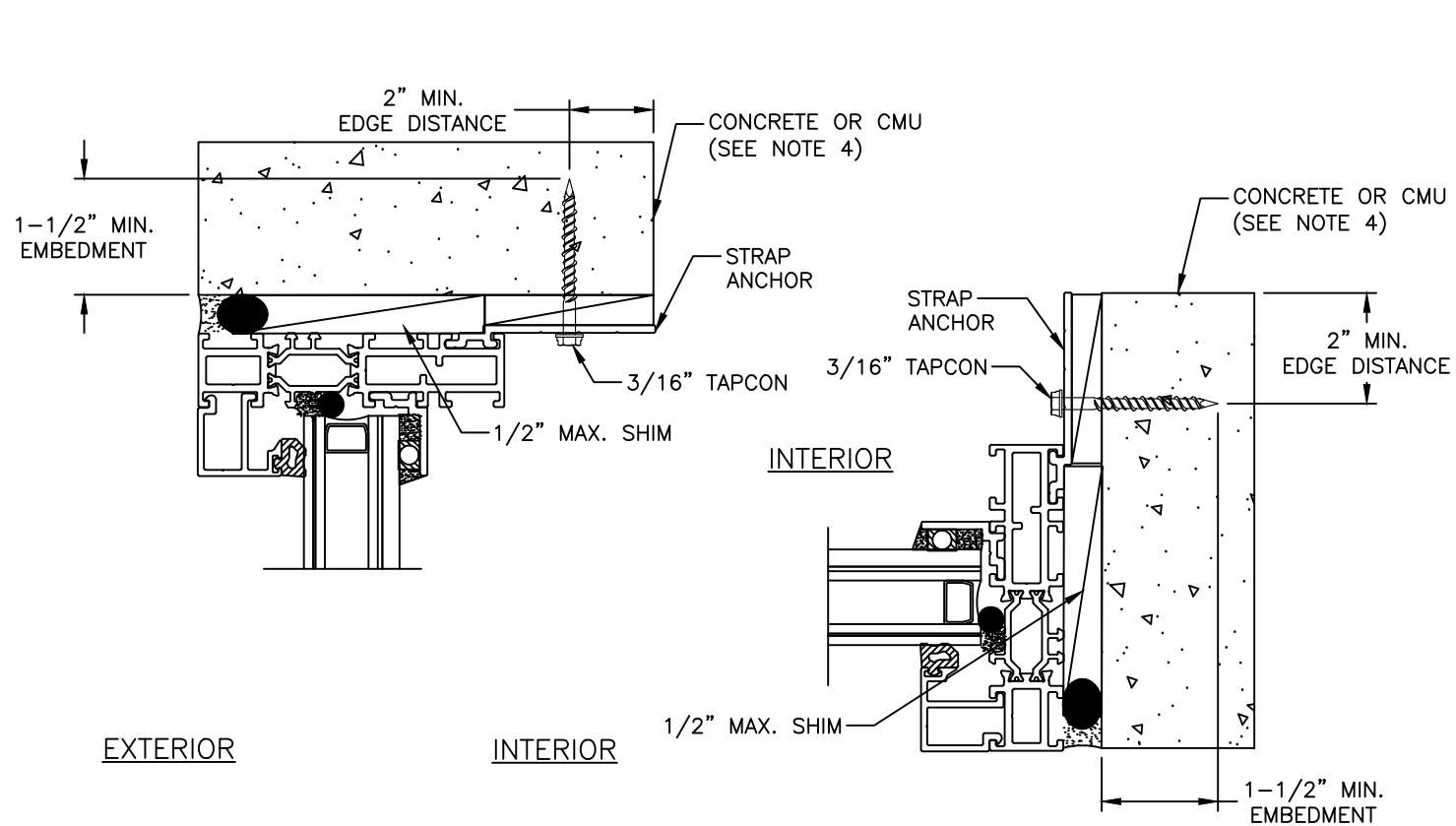
3060-A4 Fixed Window - Impact
Strap Anchor Installation Details

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

Drawing No.: Q4674-1003
Project No.: Q4674.01-122-34
Drawn By: JAR Rev: - Date: 08/23/23

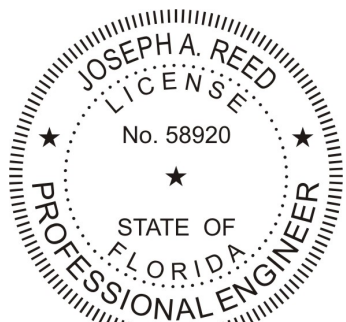
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Sheet 4 of 10



STRAP ANCHOR INSTALLATION TO CONCRETE/CMU

STRAP ANCHOR INSTALLATION TO CONCRETE/CMU
WITH 1X BUCK STRIP



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3060-A4 Fixed Window - Impact Strap Anchor Installation Details

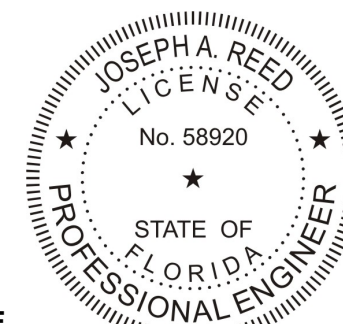
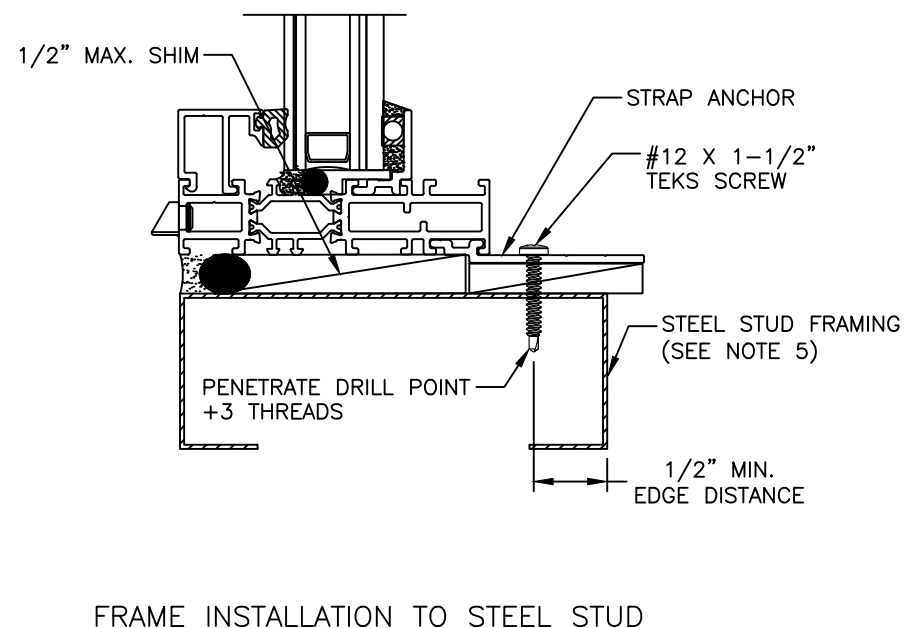
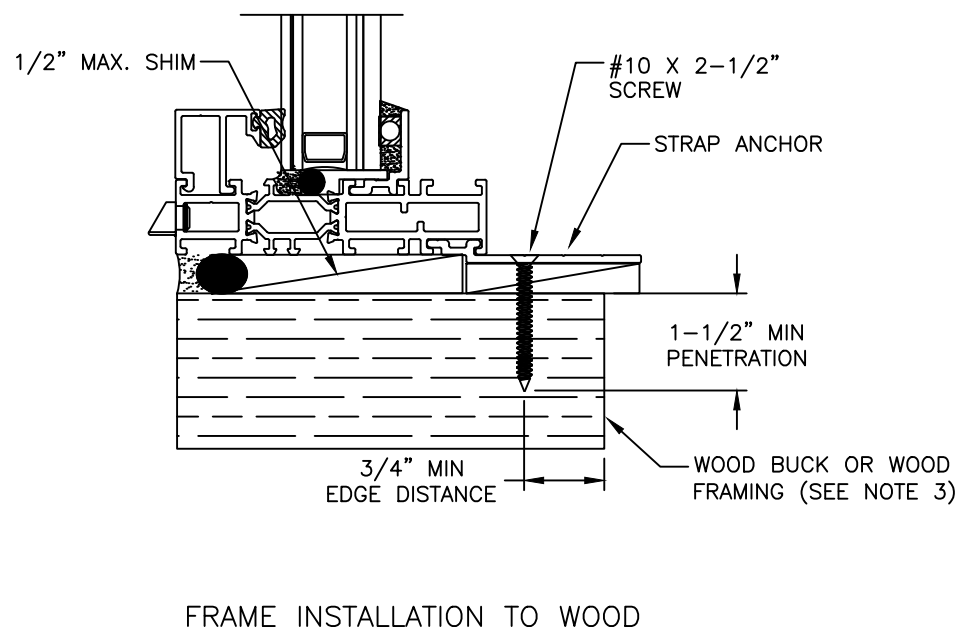
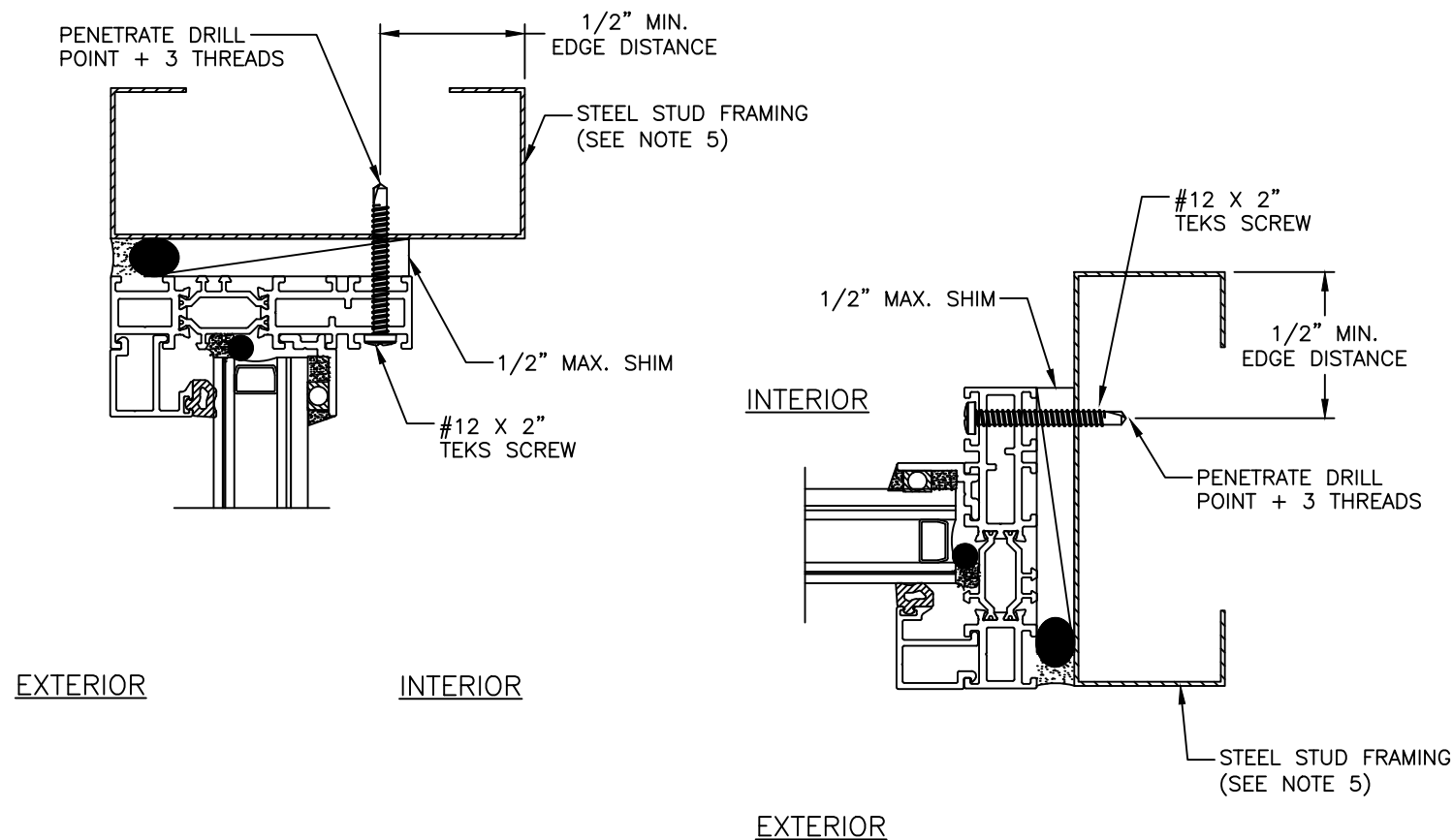
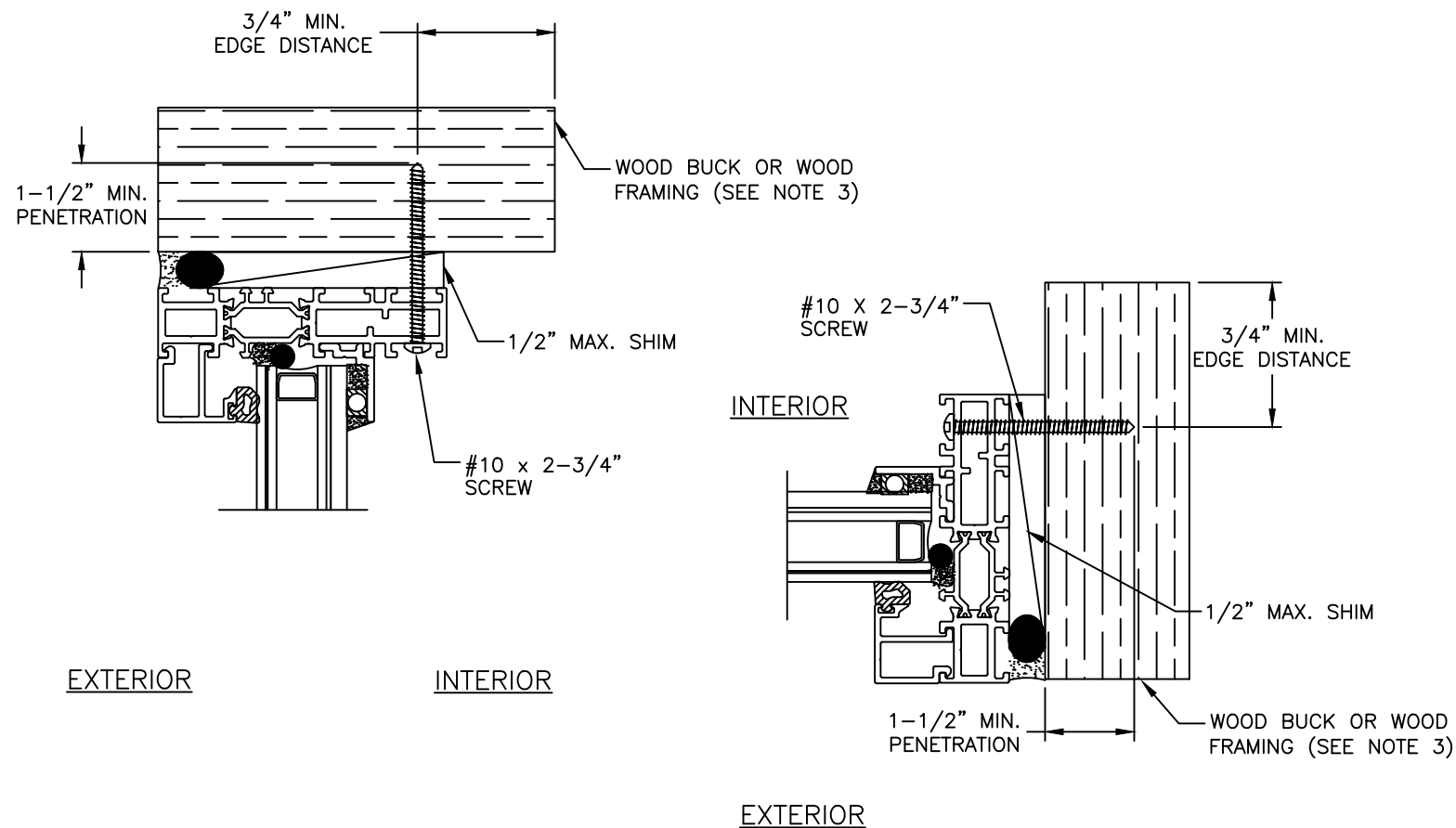
St. Cloud Window
390 Industrial Boulevard
Sauk Rapids, MN 56379

Drawing No.: Q4674-1003
Project No.: Q4674.01-122-34
Drawn By: JAR Rev: - Date: 08/23/23

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3060-A4 Fixed Window - Impact Frame Installation Details

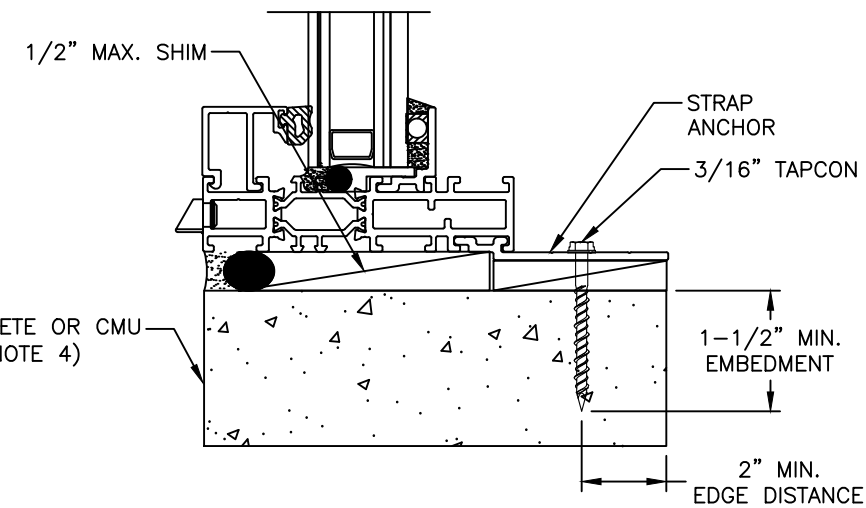
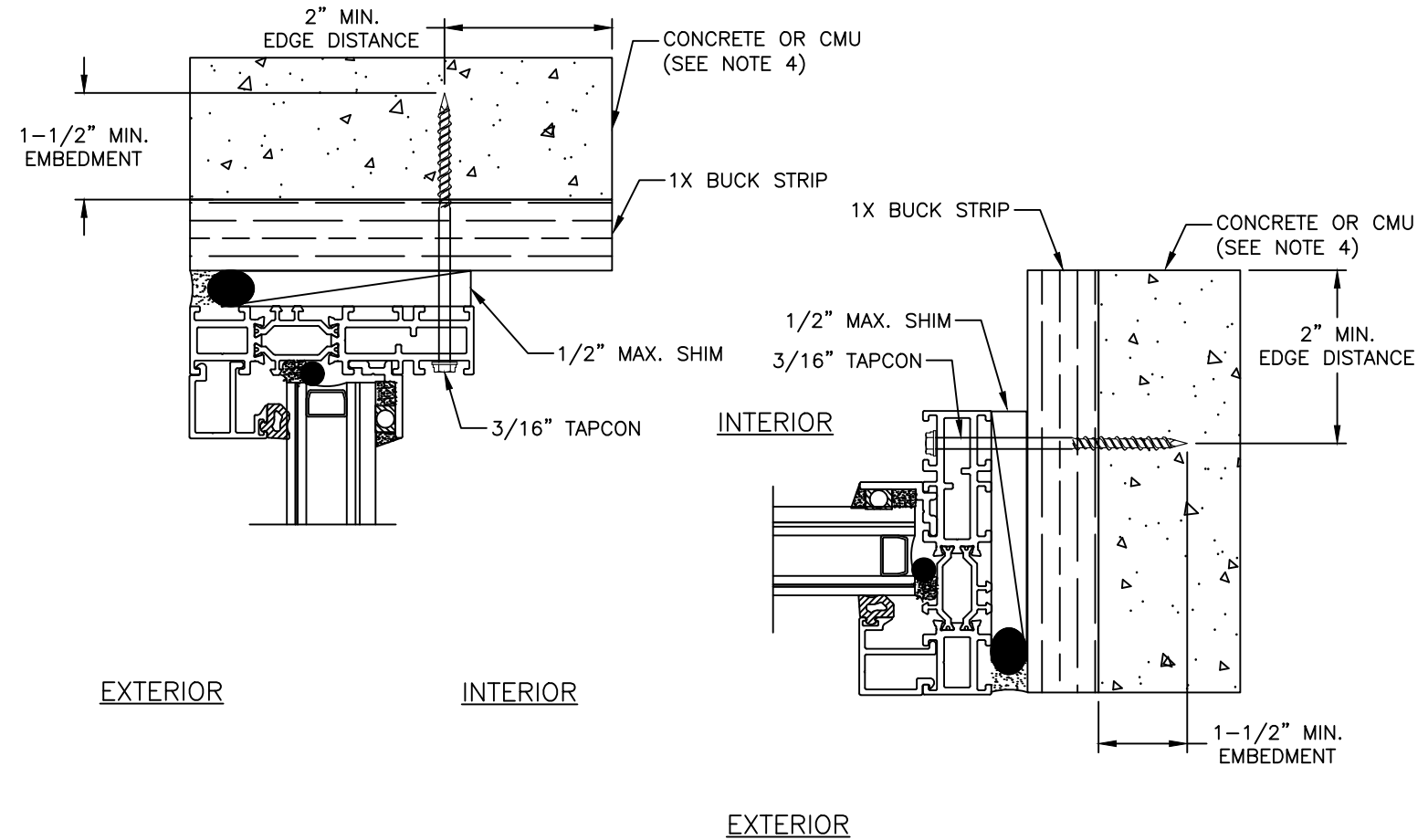
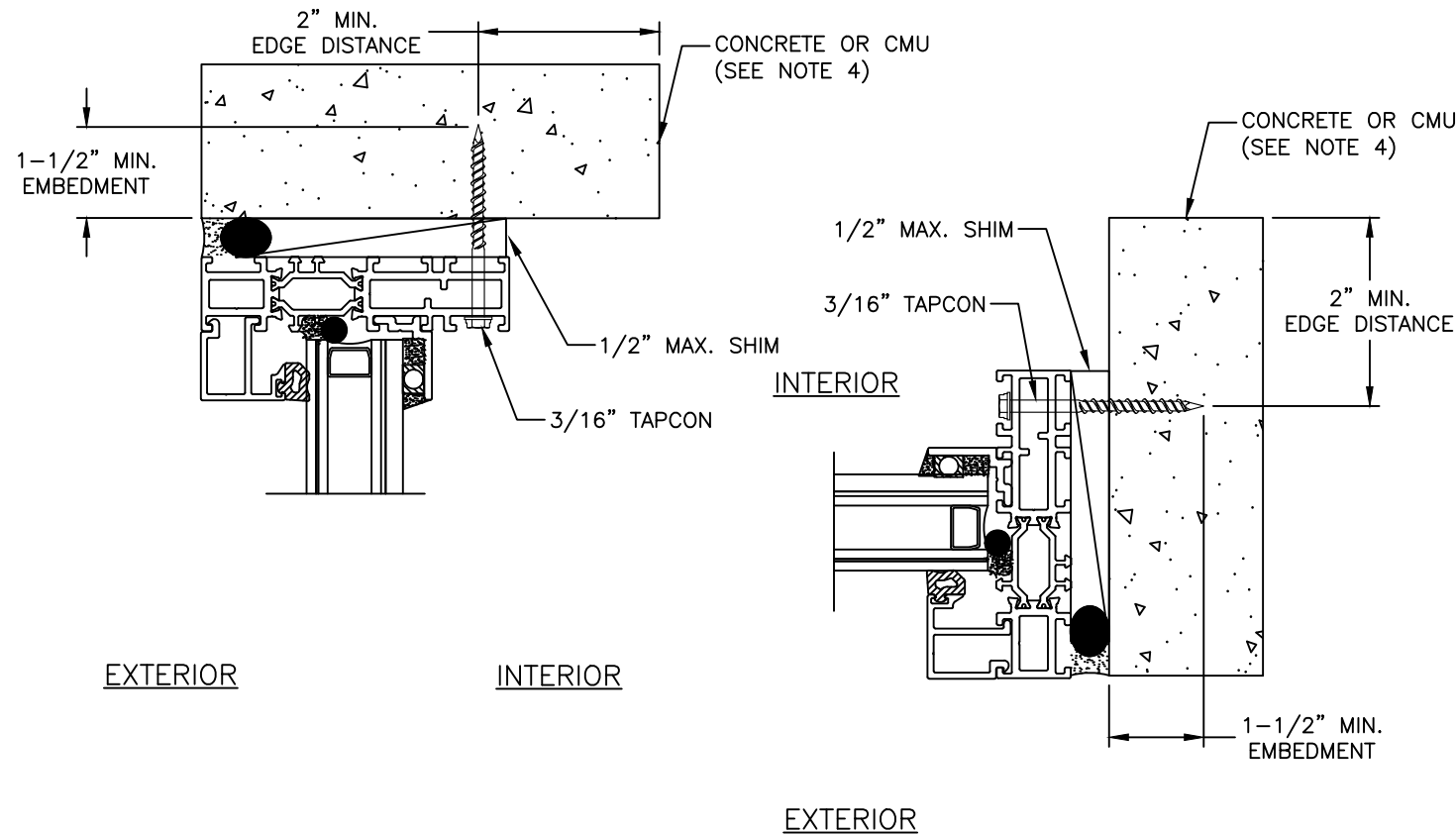
St. Cloud Window
 390 Industrial Boulevard
 Sauk Rapids, MN 56379

Drawing No.: Q4674-1003
 Project No.: Q4674.01-122-34
 Drawn By: JAR Rev: - Date: 08/23/23

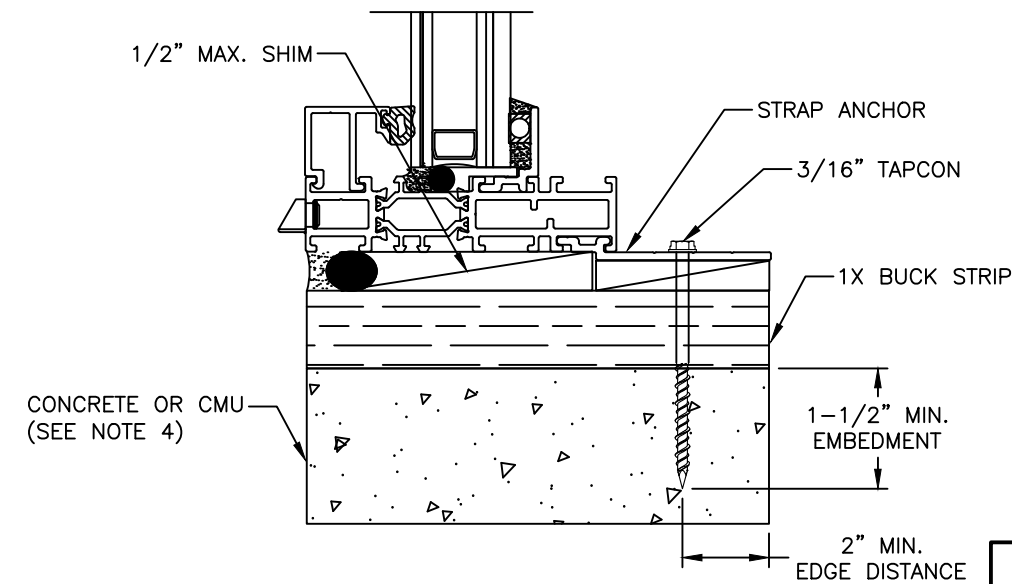
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Sheet 6 of 10

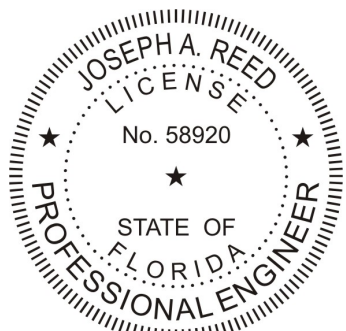
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FRAME INSTALLATION TO CONCRETE/CMU



FRAME INSTALLATION TO CONCRETE/CMU
WITH 1X BUCK STRIP



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3060-A4 Fixed Window - Impact Frame Installation Details

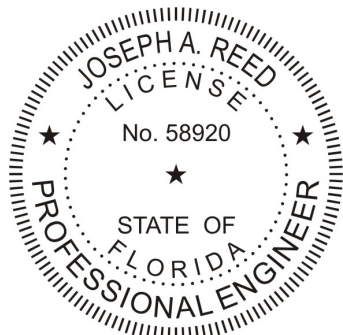
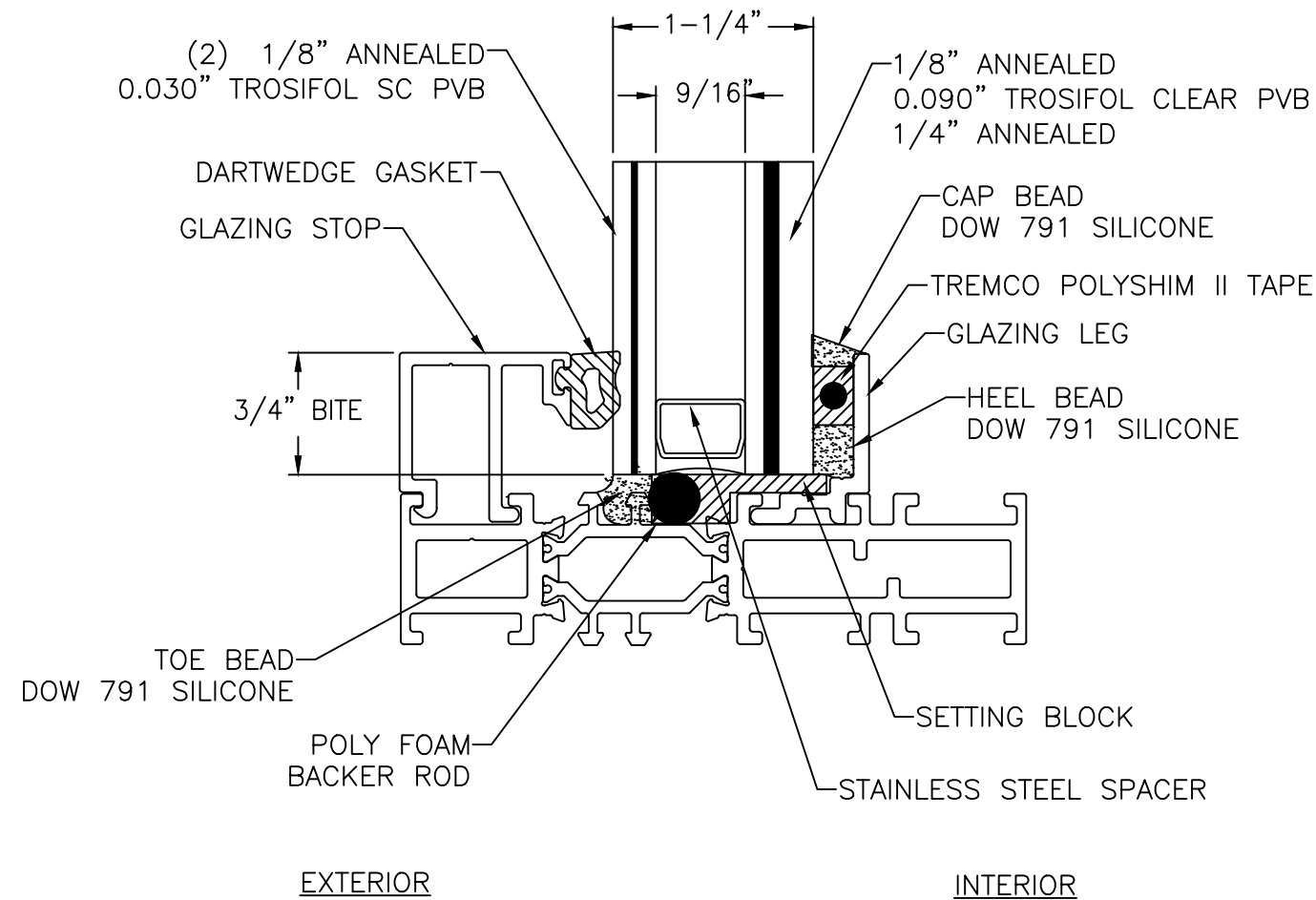
St. Cloud Window
 390 Industrial Boulevard
 Sauk Rapids, MN 56379

Drawing No.: Q4674-1003
 Project No.: Q4674.01-122-34
 Drawn By: JAR Rev: - Date: 08/23/23

Scale: NTS Sheet 7 of 10

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GLAZING DETAIL
1-1/4" INSULATING GLASS



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3060-A4 Fixed Window - Impact
Glazing Details

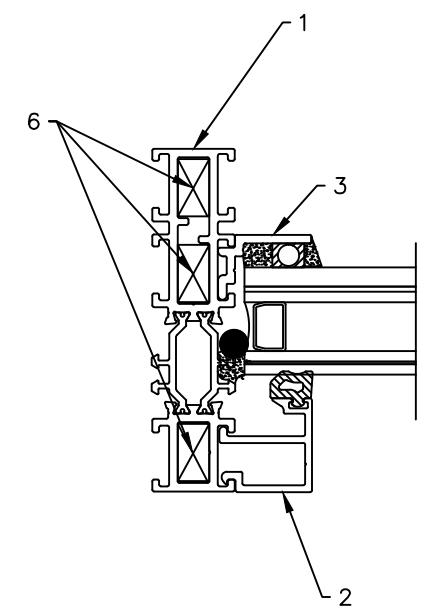
St. Cloud Window
390 Industrial Boulevard
Sauk Rapids, MN 56379

Drawing No.: Q4674-1003
Project No.: Q4674.01-122-34
Drawn By: JAR Rev: - Date: 08/23/23

Scale: NTS

Sheet 8 of 10

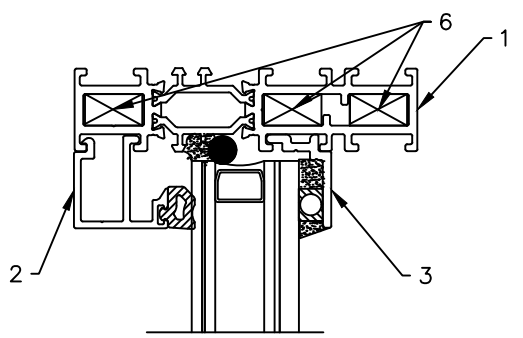
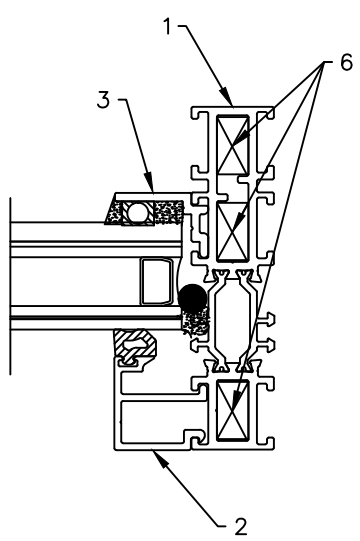
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INTERIOR

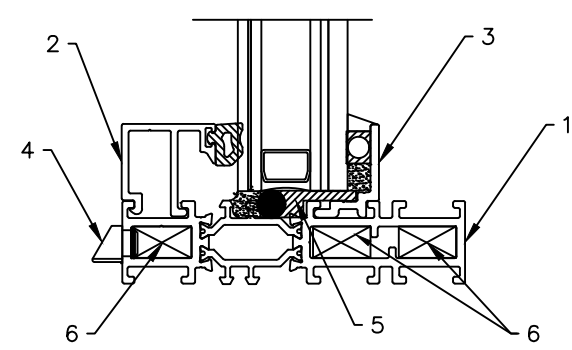
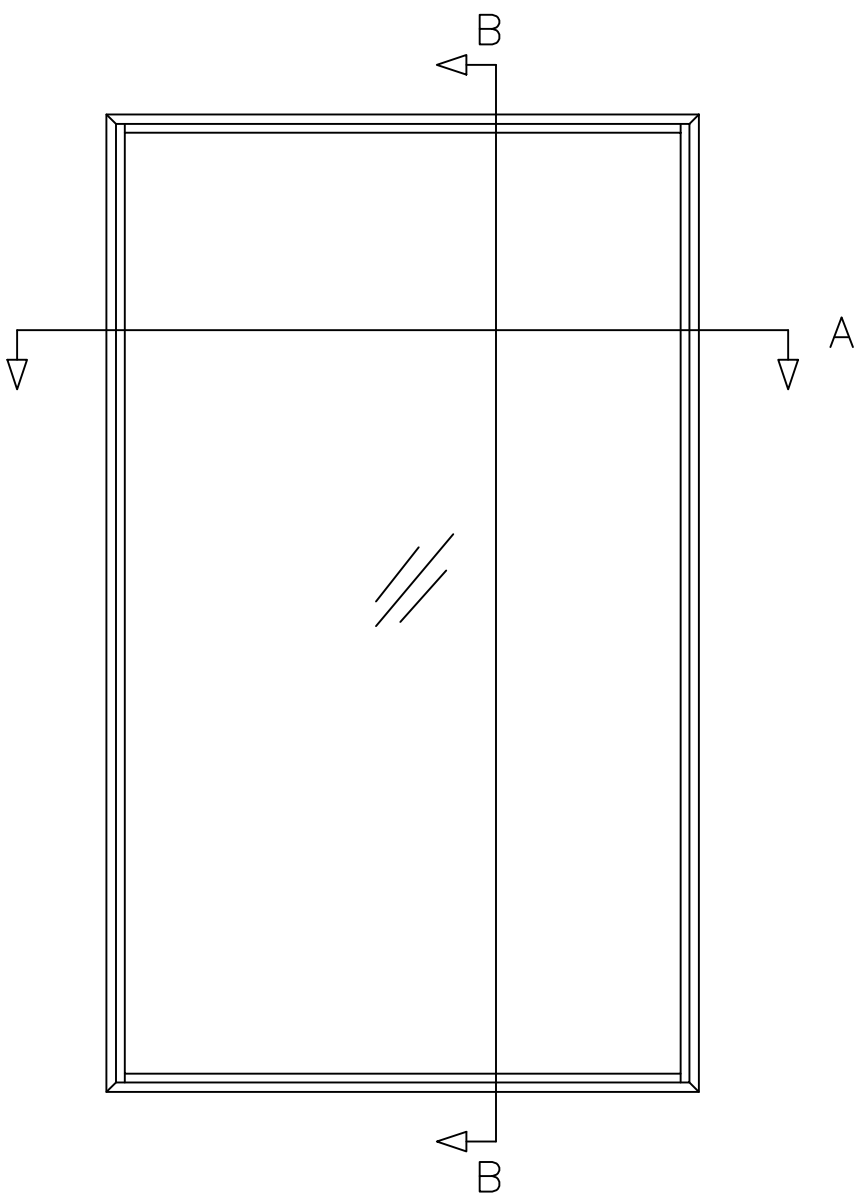
EXTERIOR

SECTION A-A



EXTERIOR

INTERIOR

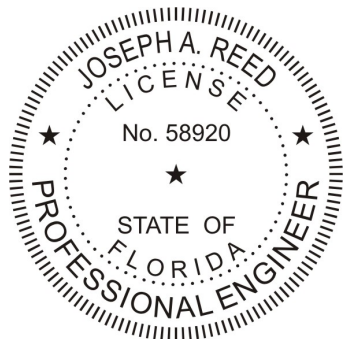


SECTION B-B

ITEM NO.	NAME	MATERIAL	DESCRIPTION
1	Master Frame	6063-T6	EXTRUSION
2	Glazing Stop	6063-T6	EXTRUSION
3	Glazing Leg	6063-T6	EXTRUSION
4	Weep Cover	Alum / Plastic	ASSEMBLY
5	Setting Block	Silicone	EXTRUSION
6	Corner Key	Aluminum	CASTING

WEATHERSTRIPPING		
ITEM	NUMBER	LOCATION
Dartwedge Gasket	1 Row	Glazing Stop, Full Perimeter
Tremco POLYshim II Tape	1 Row	Glazing Leg, Full Perimeter
Poly Foam Backer Rod	1 Row	Glazing Pocket, Full Perimeter

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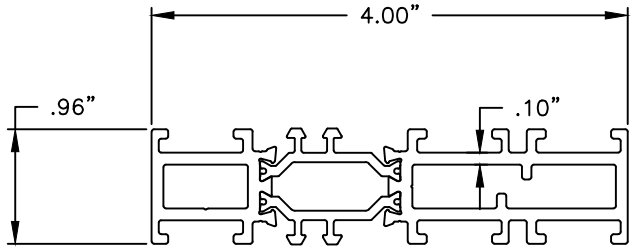


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York, PA 17406
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FL REG 29274 2023.08.24 16:13:55 -04'00'

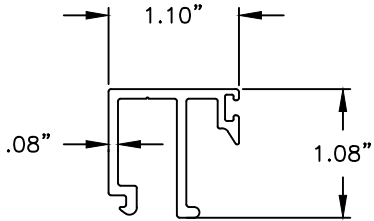
3060-A4 Fixed Window - Impact
Sections and Bill of Materials

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

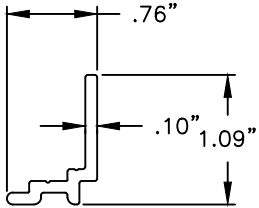
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Project No.: Q4674.01-122-34
Drawn By: JAR Rev: - Date: 08/23/23



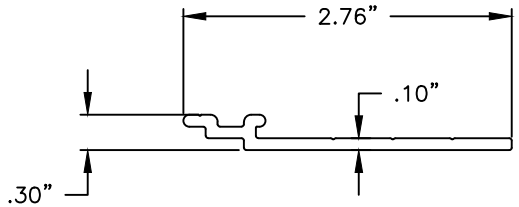
MASTER FRAME
6063-T6



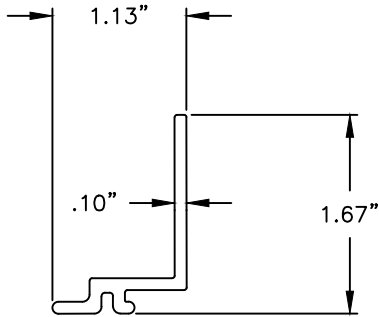
GLAZING STOP
6063-T6



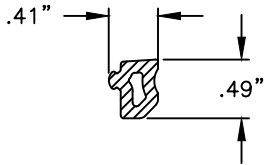
GLAZING LEG
6063-T6



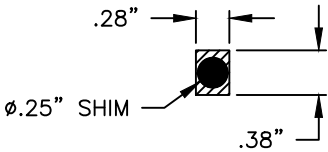
STRAP ANCHOR
6063-T6



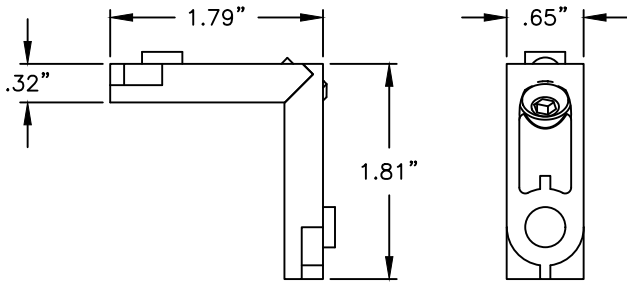
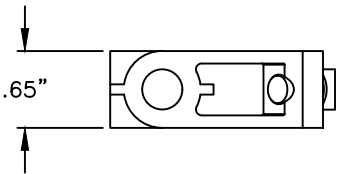
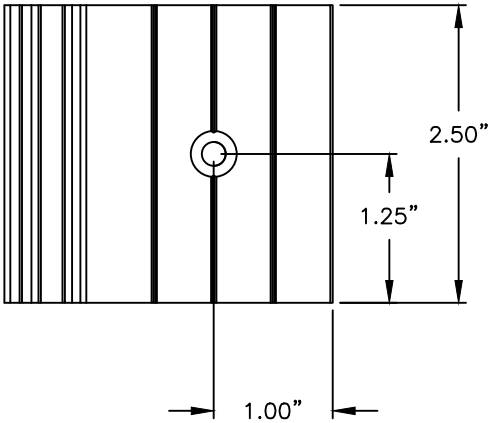
NAIL FIN
6063-T6



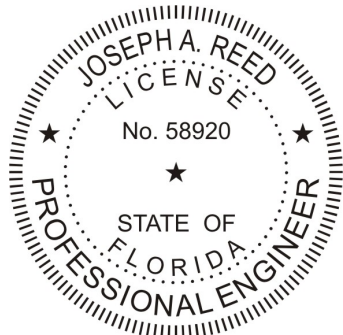
DARTWEDGE GASKET
EPDM



TREMCO POLYSHIM II TAPE
BUTYL TAPE / EPDM SHIM



CORNER KEY
CASTING



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York, PA 17406
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3060-A4 Fixed Window - Impact Components

St. Cloud Window

390 Industrial Boulevard
Sauk Rapids, MN 56379

Drawing No.: Q4674-1003

Project No.: Q4674.01-122-34

Drawn By: JAR Rev: - Date: 08/23/23

Scale: NTS

Sheet 10 of 10

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