

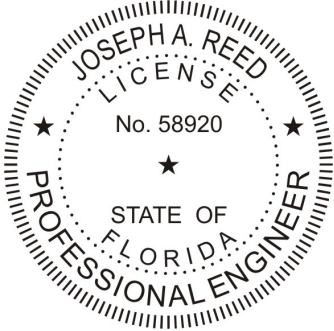
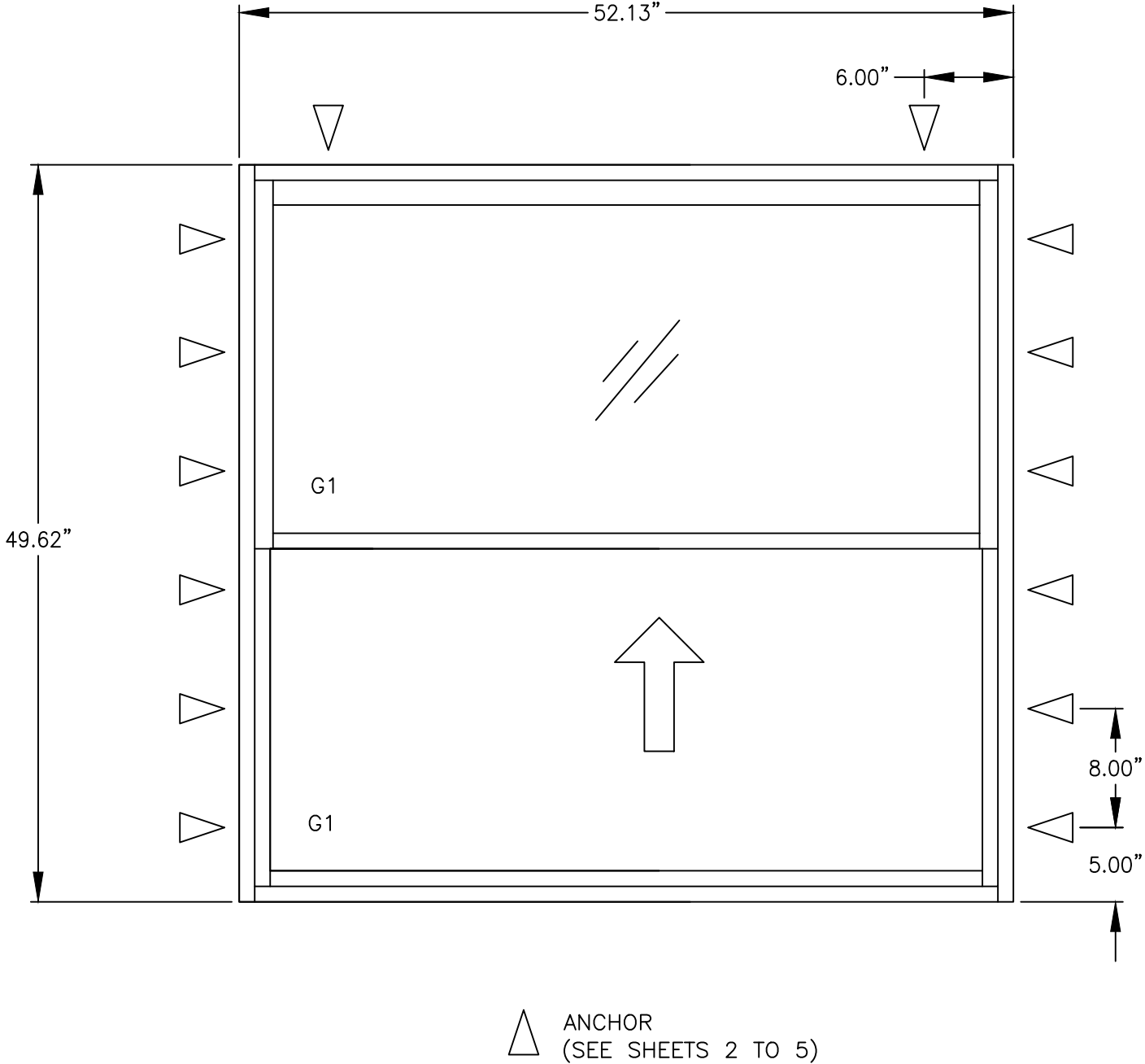
NOTES:

1. Products and installations depicted satisfy the requirements of the Florida Building Code, Building 7th Edition (2020) 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 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. 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.
11. Products are impact resistant and do not require approved protection devices if used in wind-borne debris regions.
12. Approved for use in High Velocity Hurricane Zone (HVHZ).

CONTENTS:

Sheet 1	Notes and Elevations
Sheets 2-5	Frame Installations
Sheet 6	Glazing Details
Sheet 7	Sections and Bill of Materials
Sheet 8	Components

47000 SINGLE HUNG WINDOW (IMPACT)
MAXIMUM SIZE: 52-1/8" WIDE X 49-5/8" TALL
MAXIMUM GLAZING SIZE: 46-7/8" WIDE X 19-7/8" TALL
DESIGN PRESSURE: +35/-65 PSF
LARGE MISSILE IMPACT RESISTANT



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Design Pressure Rating	Impact Rating
+35/-65 psf	Large Missile

NOTE: Structural Performance +60/-65 psf
Impact/Cycle Performance +60/-65 psf
Water Test Performance +5.25 psf

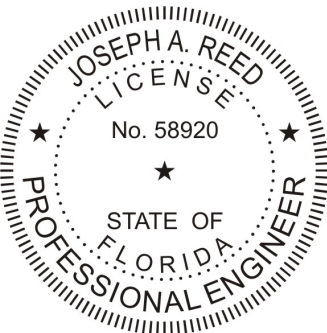
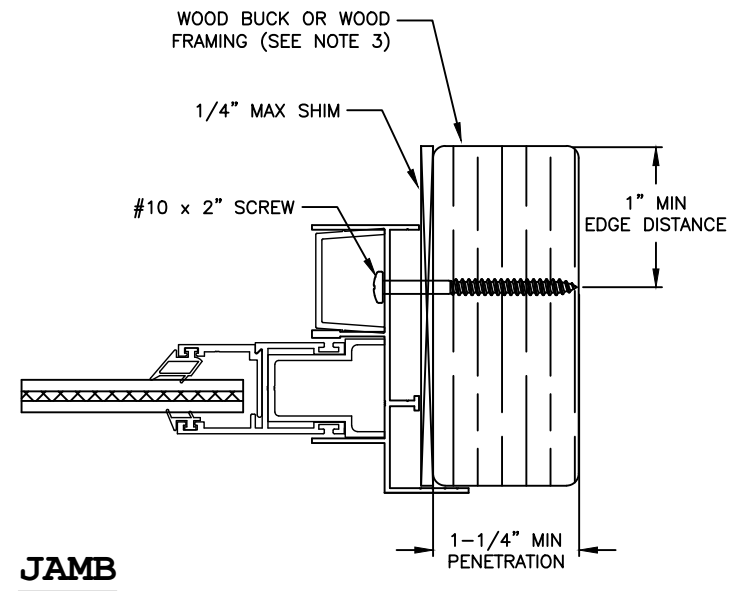
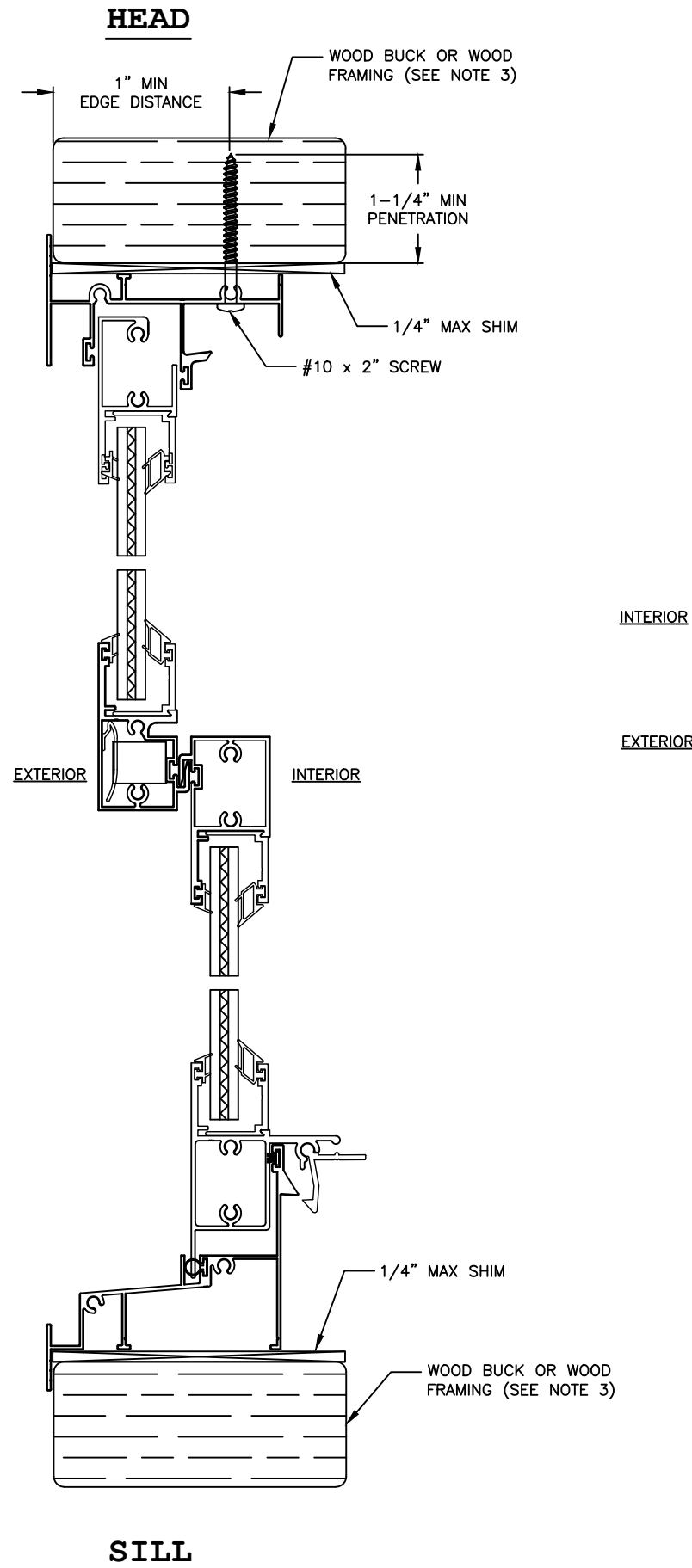
47000 Single Hung - Impact
Notes and Elevations

TAFCO Corporation
1953 North 17th Avenue
Melrose Park, IL 60160

Drawing No.: 23824-1-1001
Project No.: 23824-1
Drawn By: JAR Rev: 1 Date: 01/08/21

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Sheet 1 of 8



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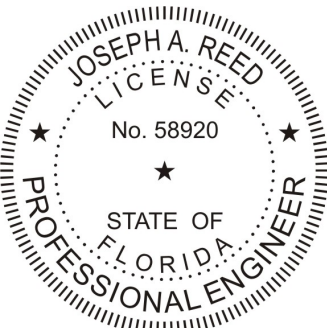
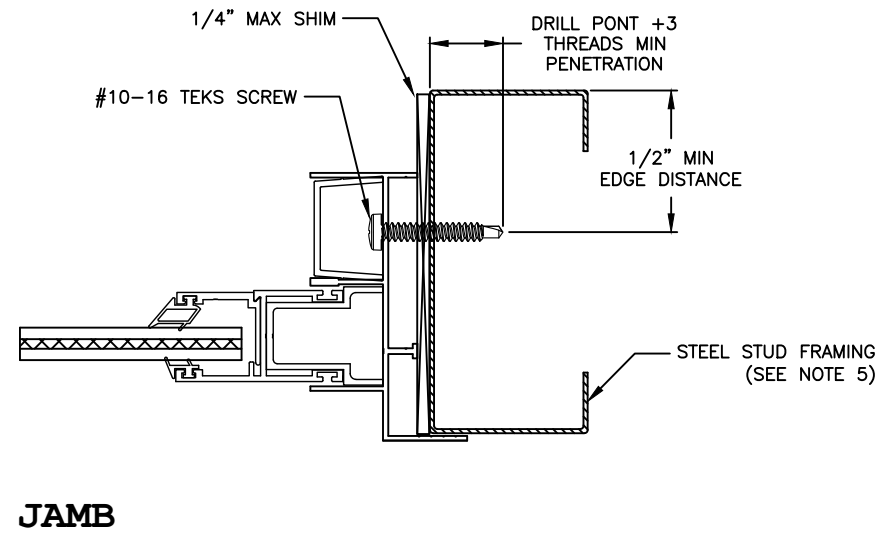
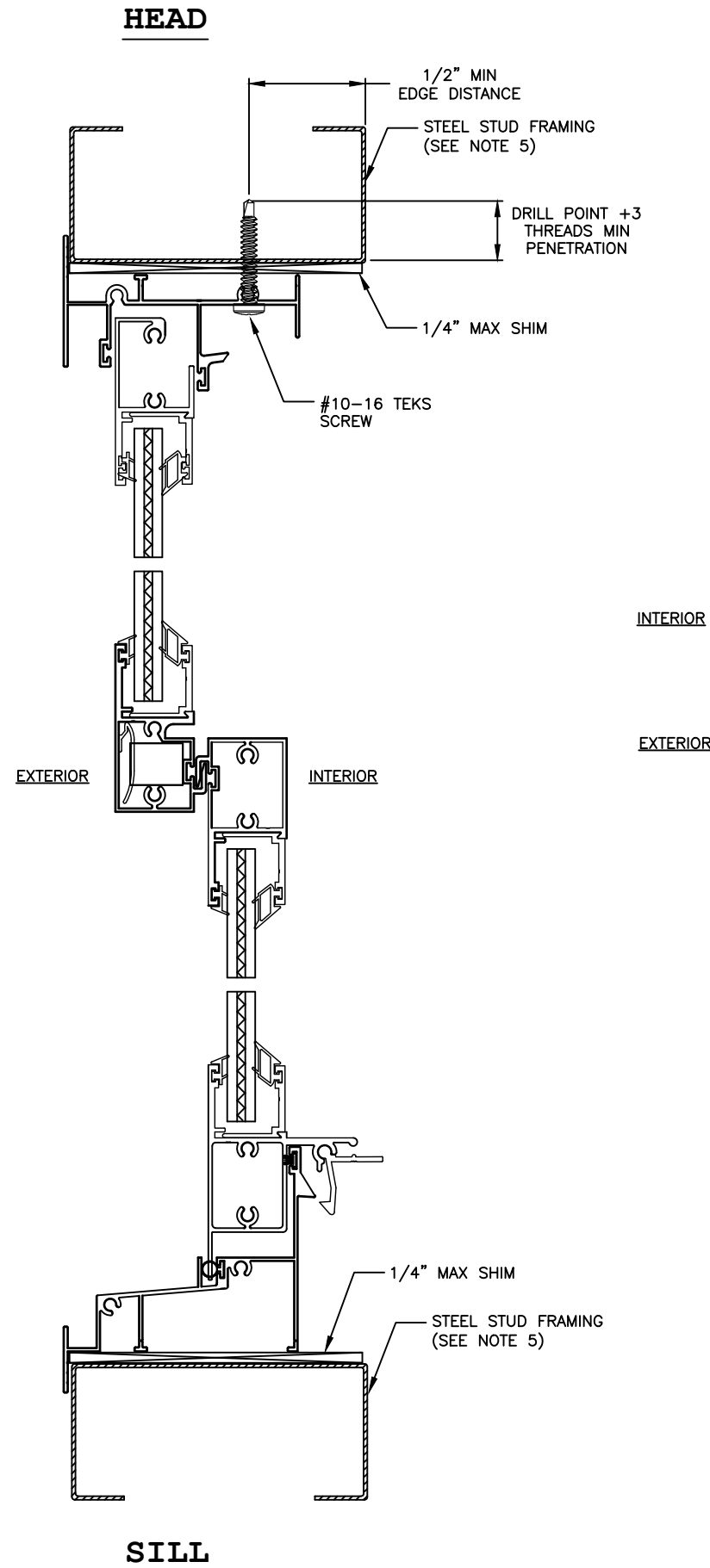
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Through Frame Installations
Wood

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Sheet 2 of 8



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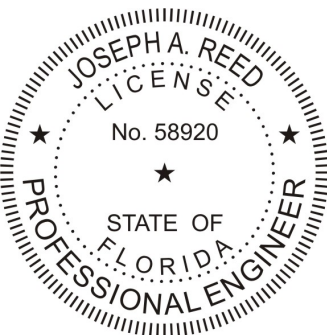
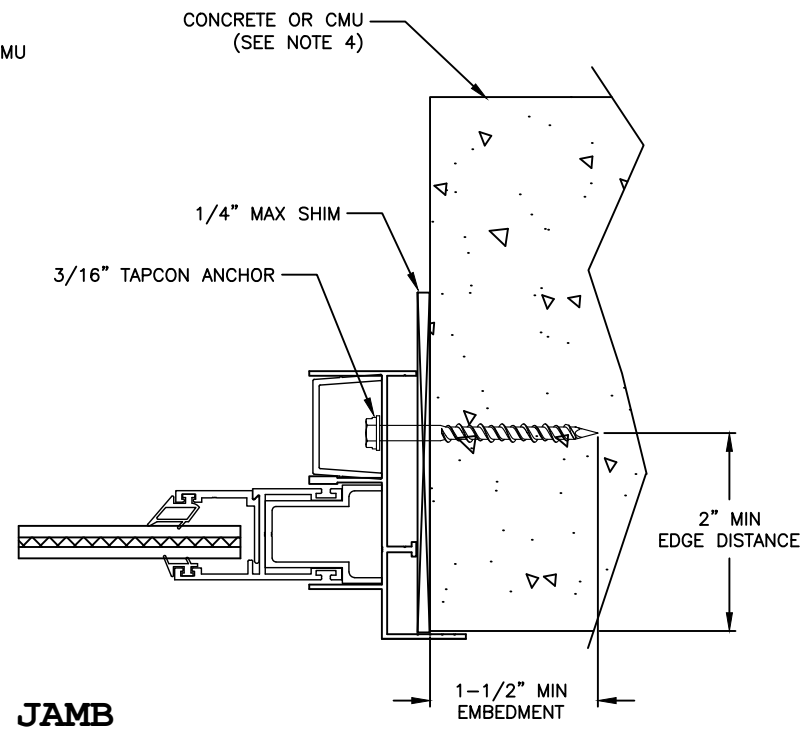
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Through Frame Installations
Steel Stud

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Sheet 3 of 8



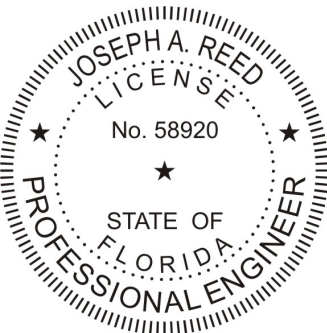
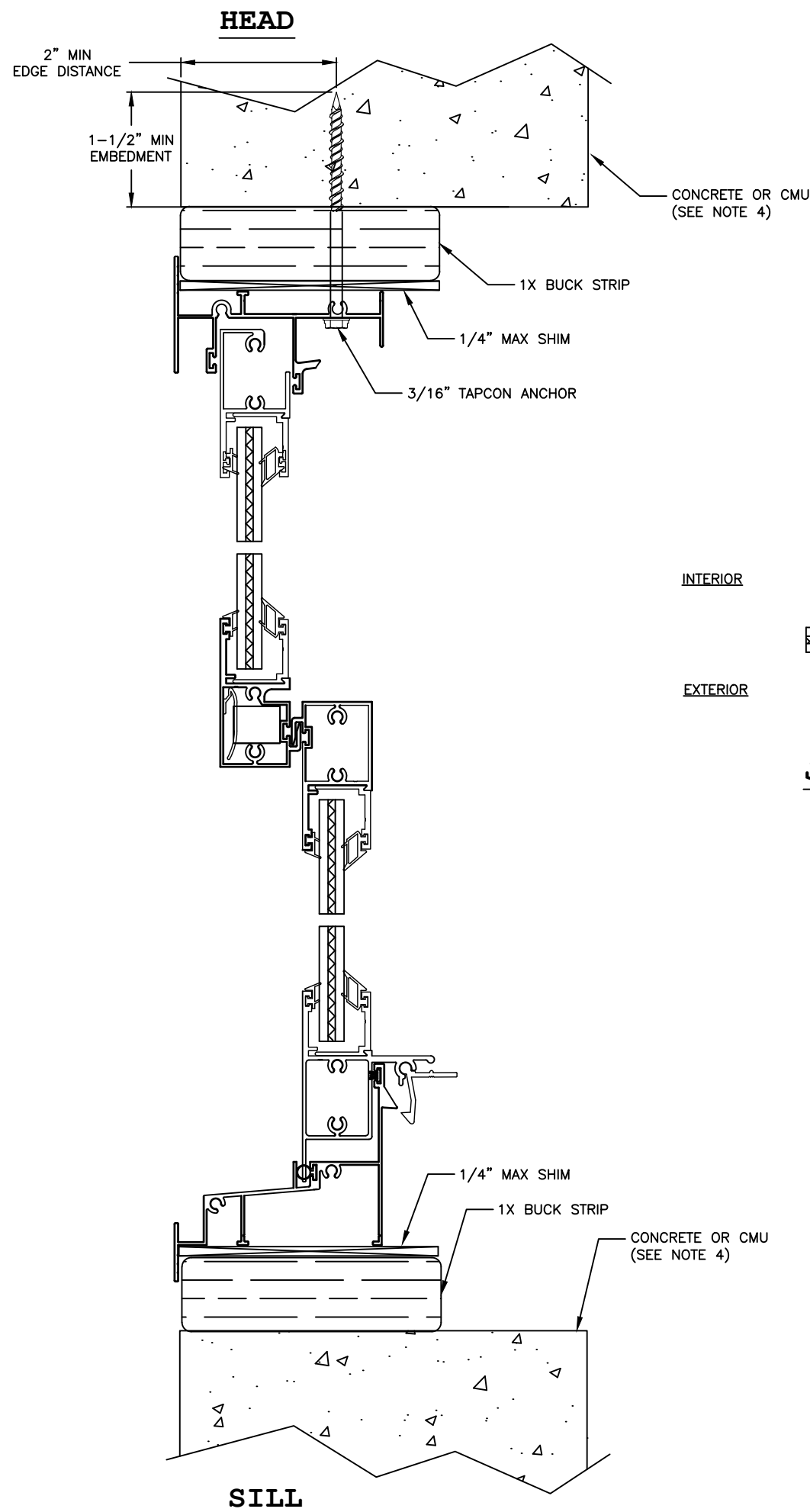
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Drawing No.: 23824-1-1001
Project No.: 23824-1
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Sheet 4 of 8



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47000 Single Hung - Impact
Through Frame Installations
Concrete or CMU with Buck Strip

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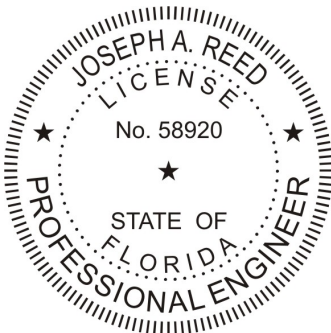
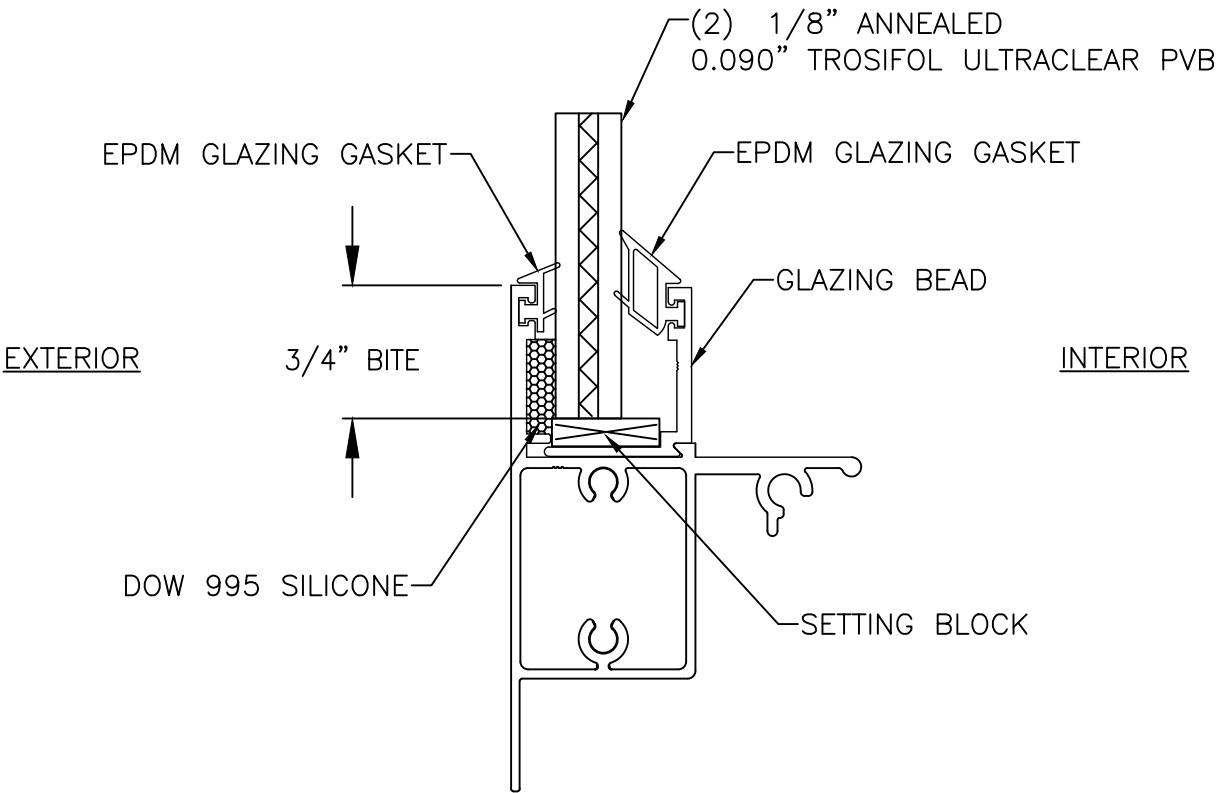
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Sheet 5 of 8

GLAZING DETAIL

G1 - LAMINATED GLASS



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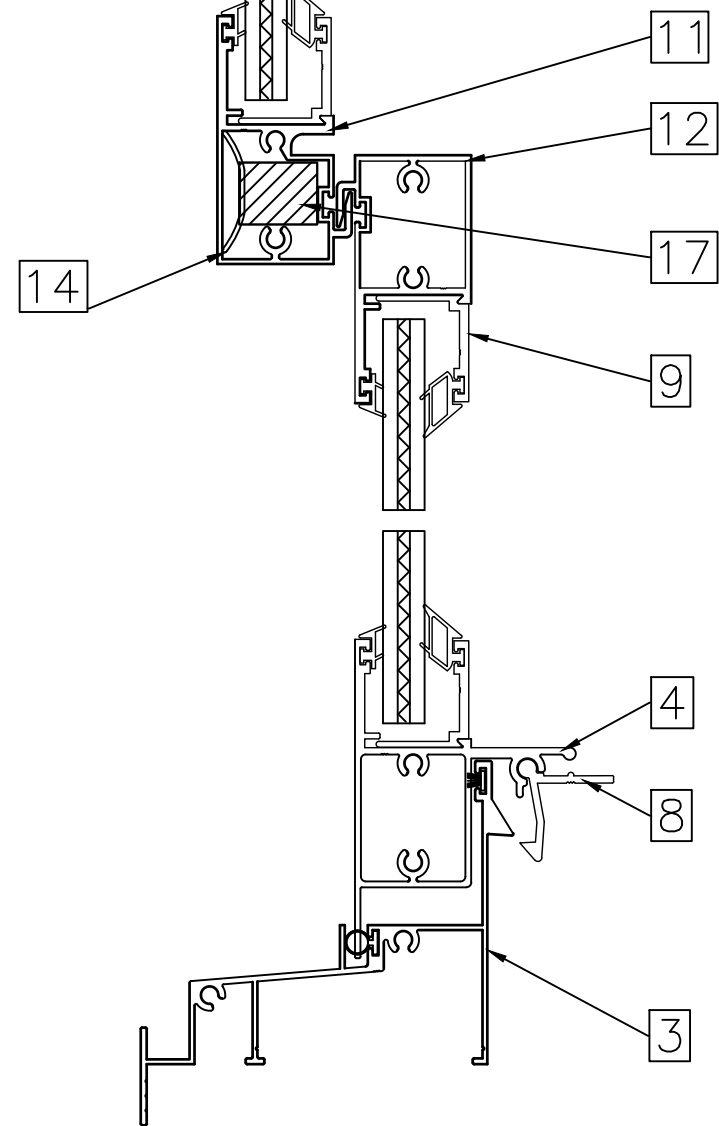
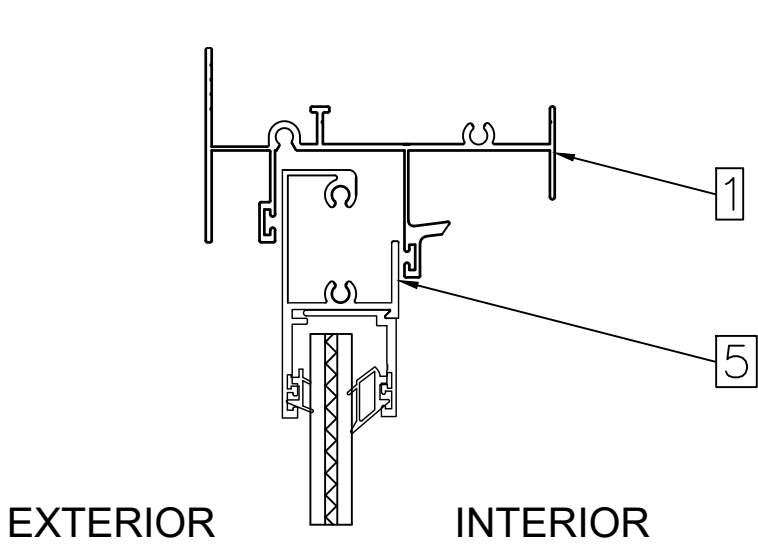
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Glazing Details

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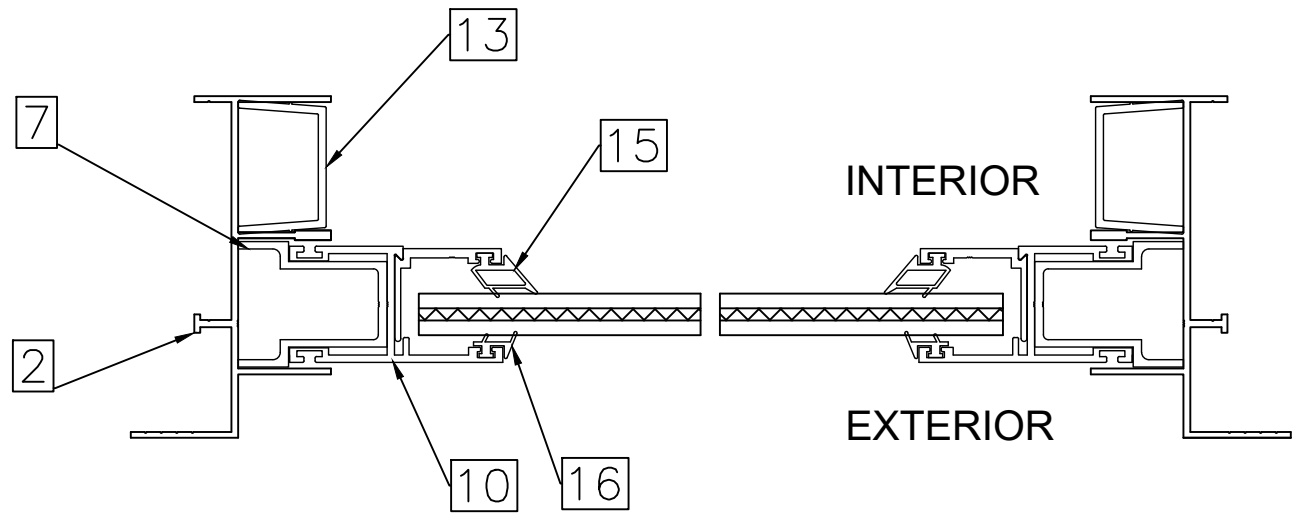
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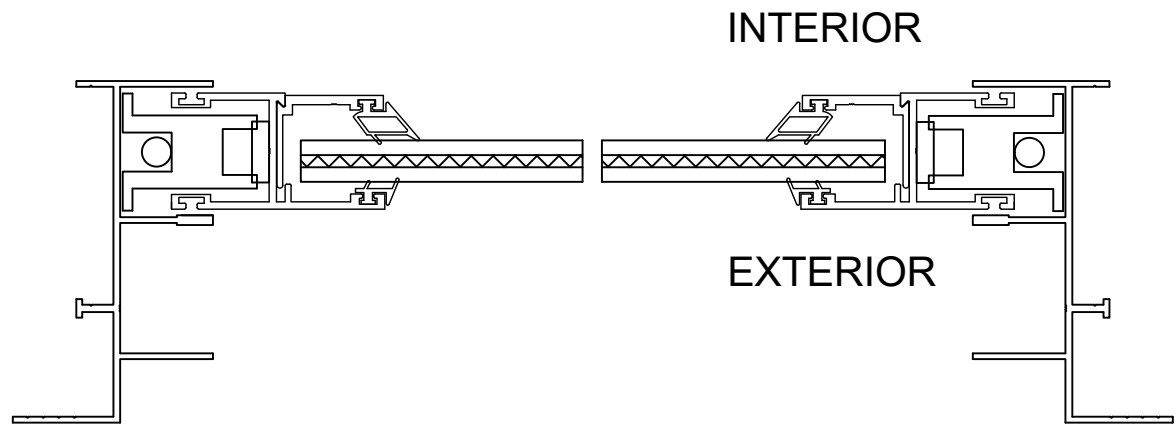
Sheet 6 of 8



VERTICAL SECTION



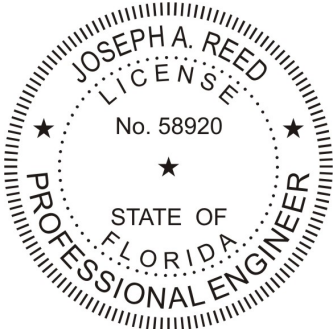
HORIZONTAL SECTION AT TOP SASH



HORIZONTAL SECTION AT BOTTOM SASH

HARDWARE		
ITEM	NUMBER	LOCATION
SWEEP LOCK	2	TOP RAIL OF BOTTOM SASH
PINCH LOCK	2	BOTTOM RAIL OF BOTTOM SASH
BLOCK AND TACKLE BALANCE	2	ONE EACH JAMB
WEATHERSTRIPPING		
ITEM	NUMBER	LOCATION
2-FIN PILE	2 ROWS	HEAD FRAME
2 FIN PILE	1 ROW	TOP SASH BOTTOM RAIL
2-FIN PILE	1 ROW	BOTTOM SASH TOP RAIL
2-FIN PILE	1 ROW	SILL UPSTAND
VINYL BULB	1 ROW	SILL
2-FIN PILE	2 ROWS	TOP SASH STILES
2-FIN PILE	2 ROWS	BOTTOM SASH STILES

ITEM NO.	NAME	MATERIAL	DESCRIP.
1	Head	6063-T5	EXTRUSION
2	Jamb	6063-T5	EXTRUSION
3	Sill	6063-T5	EXTRUSION
4	Bottom Sash Bottom Rail	6063-T5	EXTRUSION
5	Fixed Sash Top Rail	6063-T5	EXTRUSION
7	Fixed Sash Support	6063-T5	EXTRUSION
8	Pinch Lock	6063-T5	EXTRUSION
9	Glazing Bead	6063-T5	EXTRUSION
10	Sash Stile	6063-T5	EXTRUSION
11	Fixed Sash Bottom Rail	6063-T5	EXTRUSION
12	Bottom Sash Top Rail	6063-T5	EXTRUSION
13	Track Filler	PA6	INJECTION MOLD
14	Reinforcement Retainer	PA6	INJECTION MOLD
15	Wedge Gasket	EPDM RUBBER	EXTRUSION
16	Wedge Gasket	EPDM RUBBER	EXTRUSION
17	1/2" x 5/8" Reinforcement	STEEL	FLAT BAR STOCK



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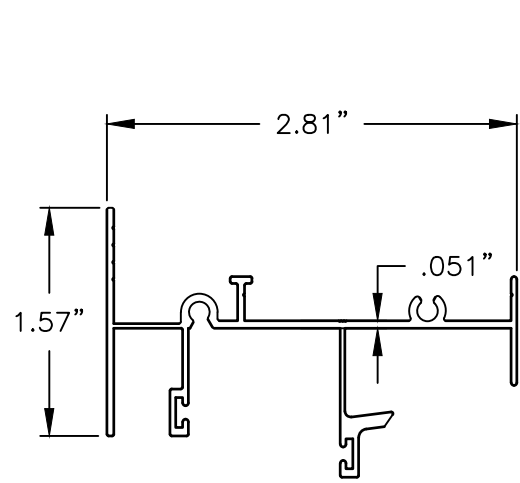
47000 Single Hung - Impact
Sections and Bill of Material

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1953 North 17th Avenue
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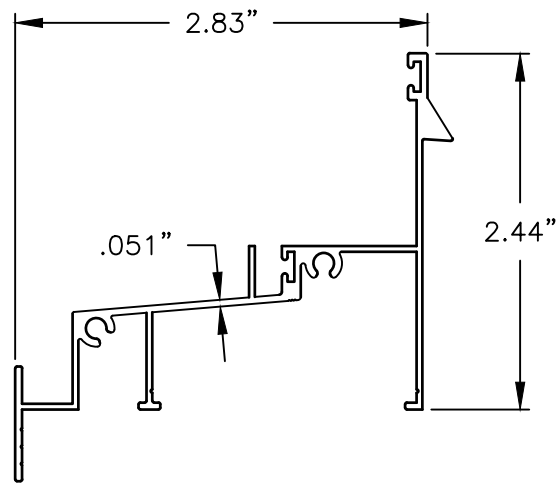
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Project No.: 23824-1
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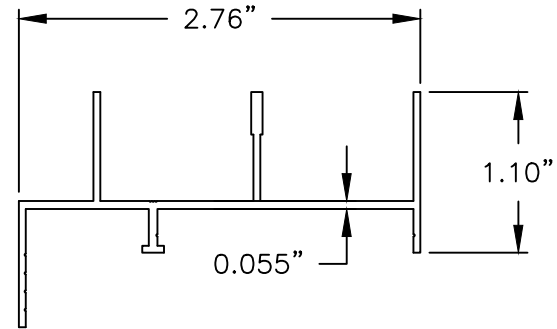
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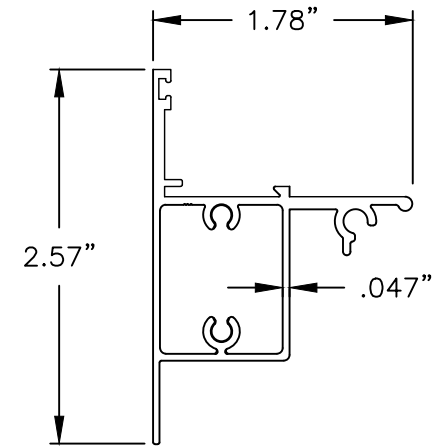
HEAD
6063-T5



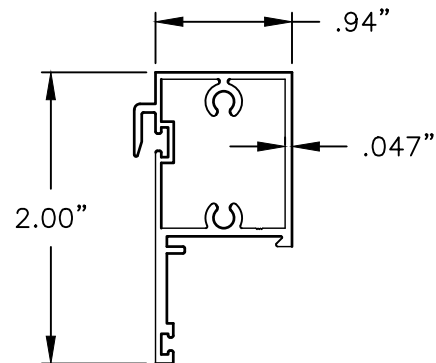
SILL
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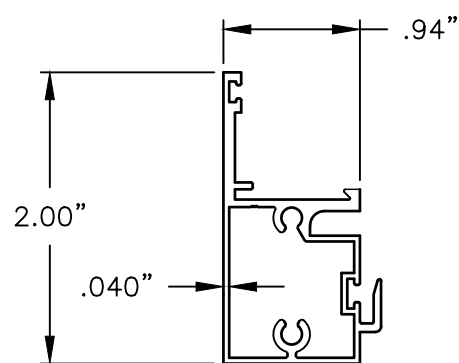
JAMB
6063-T5



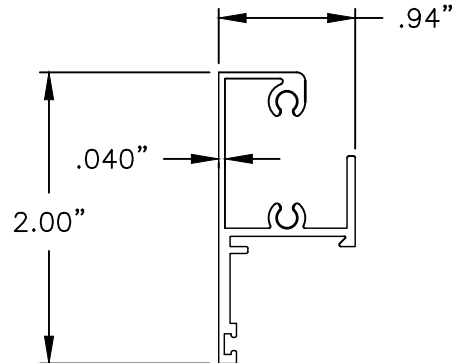
BOTTOM SASH BOTTOM RAIL
6063-T5



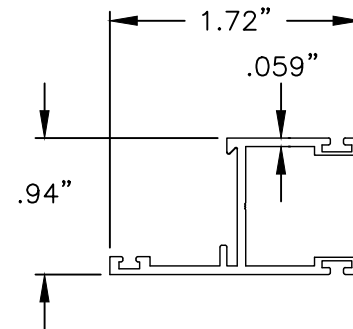
BOTTOM SASH TOP RAIL
6063-T5



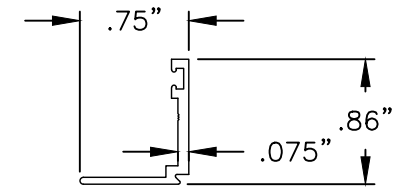
TOP SASH BOTTOM RAIL
6063-T5



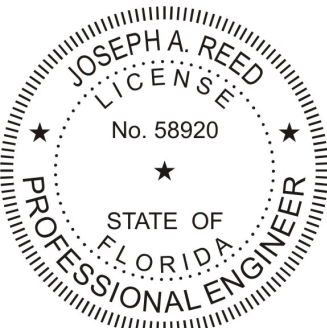
TOP SASH TOP RAIL
6063-T5



SASH STILE
6063-T5



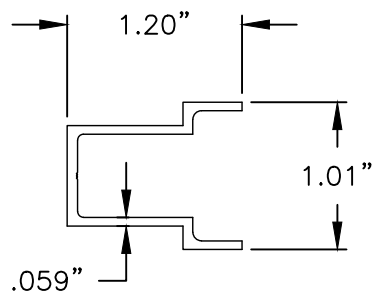
BLAZING BEAD
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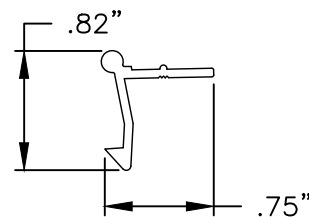
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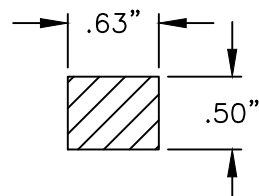
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SASH SUPPORT
6063-T5



PINCH LOCK
6063-T5



REINFORCEMENT
STEEL

47000 Single Hung - Impact Components

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Sheet 8 of 8