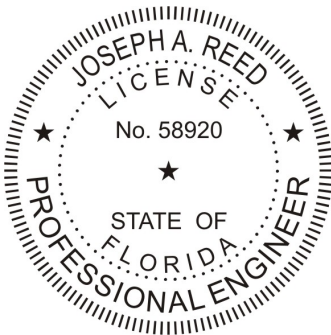


1209 FIXED CASEMENT WINDOWS (IMPACT)

NOTES:

1. 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, metal 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 Southern Yellow Pine (G=0.55) or denser. Bucks shall be properly secured to the building substrate to resist the loads imposed to them. Buck width shall be greater than the frame width. Tapered or partial width buck strips are not allowed. For buck strips less than 1-1/2" thick, fasten through the buck strip and anchor to building substrate with approved anchor.
4. Concrete/masonry installations are assumed at least ASTM C90 normal weight grout-filled 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 frames are assumed to be a minimum 16 gauge 50 KSI steel or 0.125" minimum thickness aluminum (6063-T6).
6. Wood screws shall be corrosion resistant and meet the requirements of ANSI/ASME B18.6.1
7. Tapcon concrete/masonry anchors shall have a minimum embedment of 1-1/2". They shall also have a minimum edge distance of 2". Install concrete/masonry anchors per anchor 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 do not require approved protection devices if used in wind-borne debris regions.
11. Products are approved for use in High Velocity Hurricane Zone (HVHZ).



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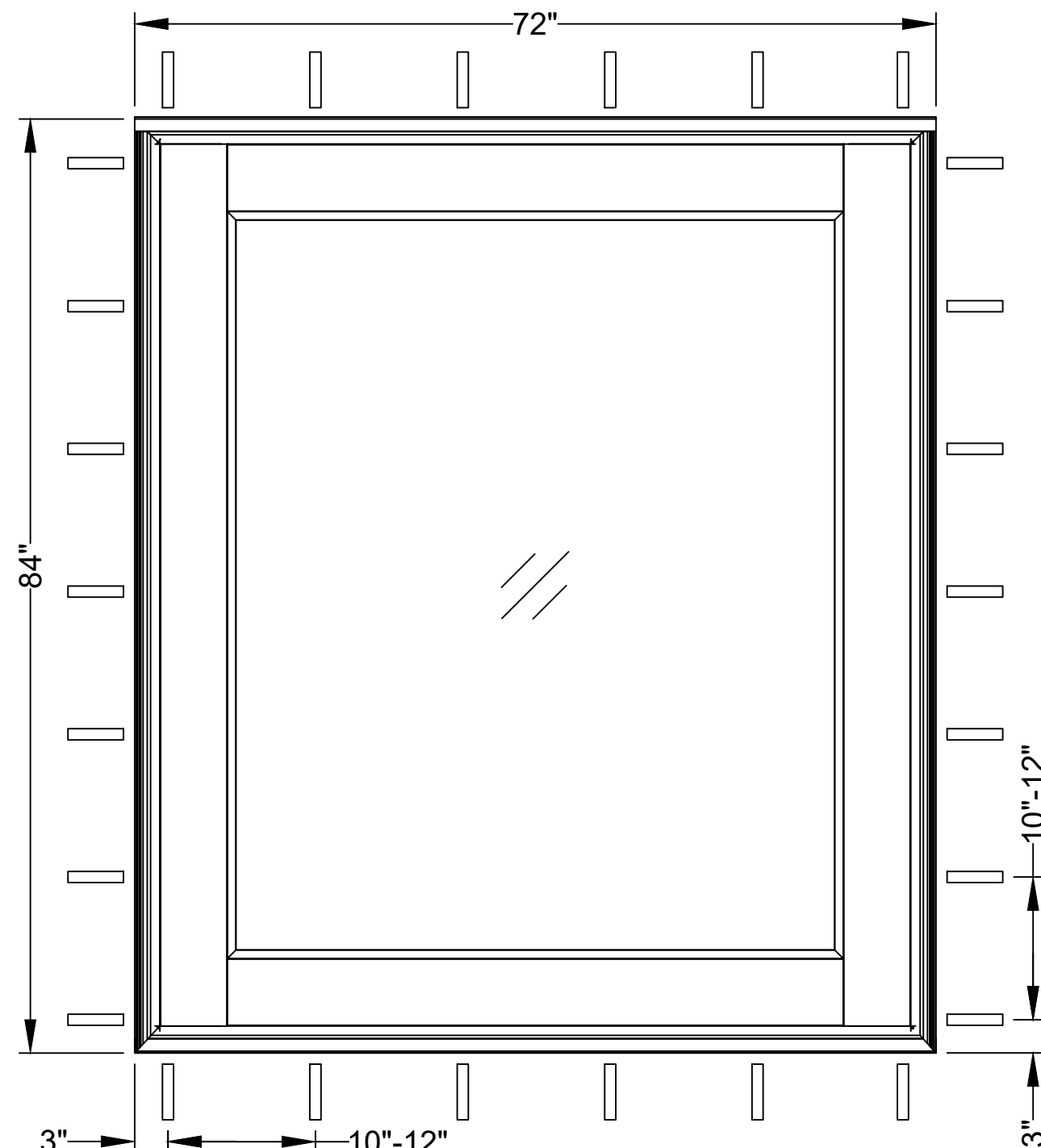
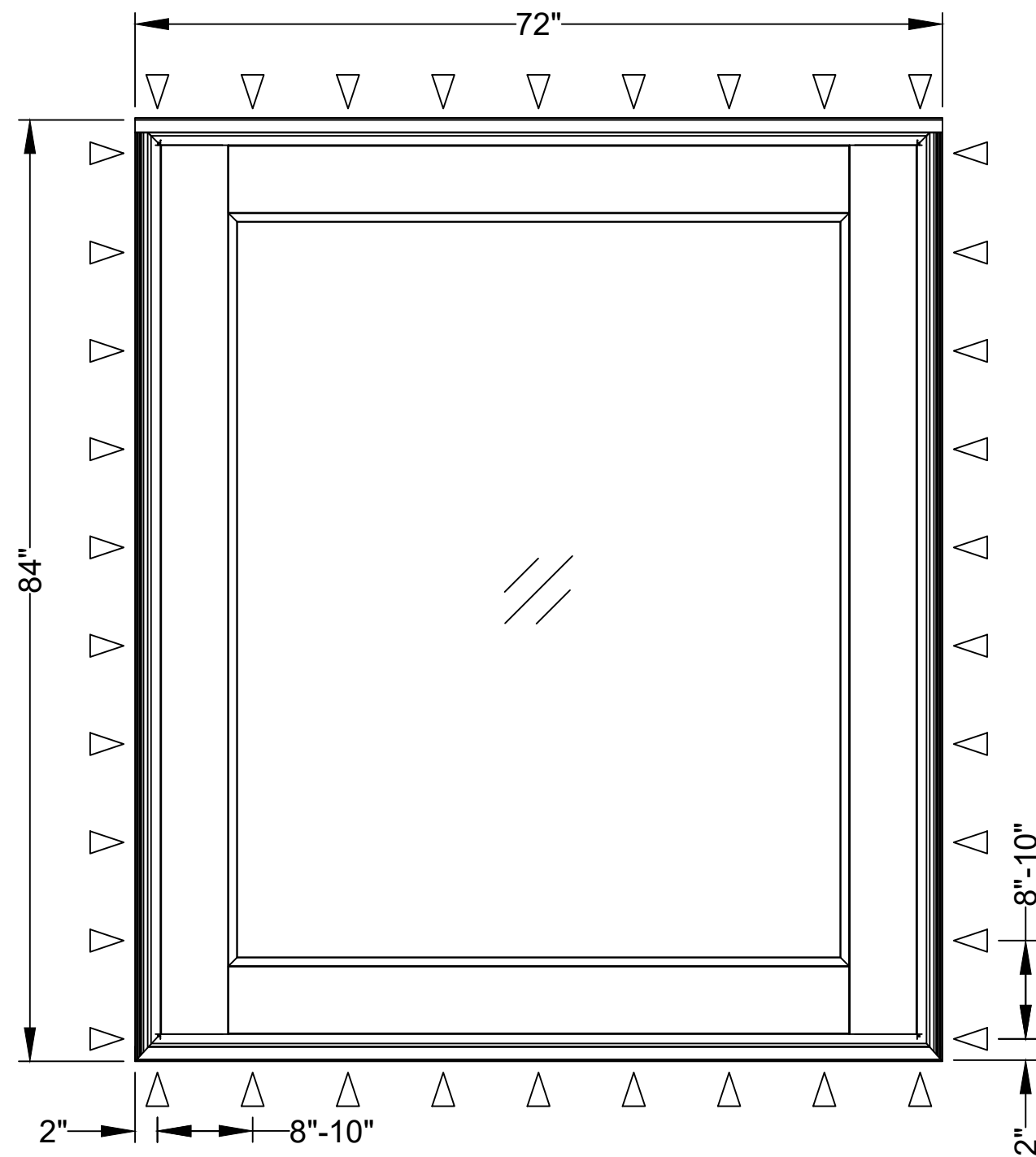
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CONTENTS:

Sheet 1	Notes
Sheets 2-6	Elevations and Notes
Sheet 7	Fin Installations
Sheets 8-9	Strap Anchor Installations
Sheets 10-11	Frame Installations
Sheet 12	Glazing Details
Sheets 13-14	Components

1209 FIXED CASEMENT Notes	
Weather Shield Windows & Doors One Weather Shield Plaza Medford, WI 54451	
Drawing No.: 23648-1-1001 Project No.: 23648-1 Drawn By: JAR Rev: 1 Date: 01/07/21	
Scale: NTS	Sheet 1 of 14

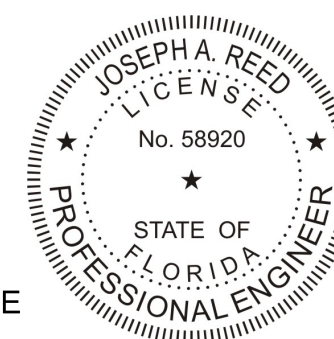


△ ANCHOR IN NAIL FIN
SEE SHEET 7

□ STRAP ANCHOR
OR
THROUGH FRAME ANCHOR
SEE SHEETS 8 TO 11

1209 FIXED CASEMENT (IMPACT)

- NOTES:
1. FRAME SIZE: 72" x 84"
 2. DLO SIZE: 66-3/4" X 78-3/4"
 3. SEE SHEET 5 FOR ALTERNATE SIZES
 4. SEE SHEET 12 FOR GLAZING OPTIONS



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1209 FIXED CASEMENT Elevations and Notes

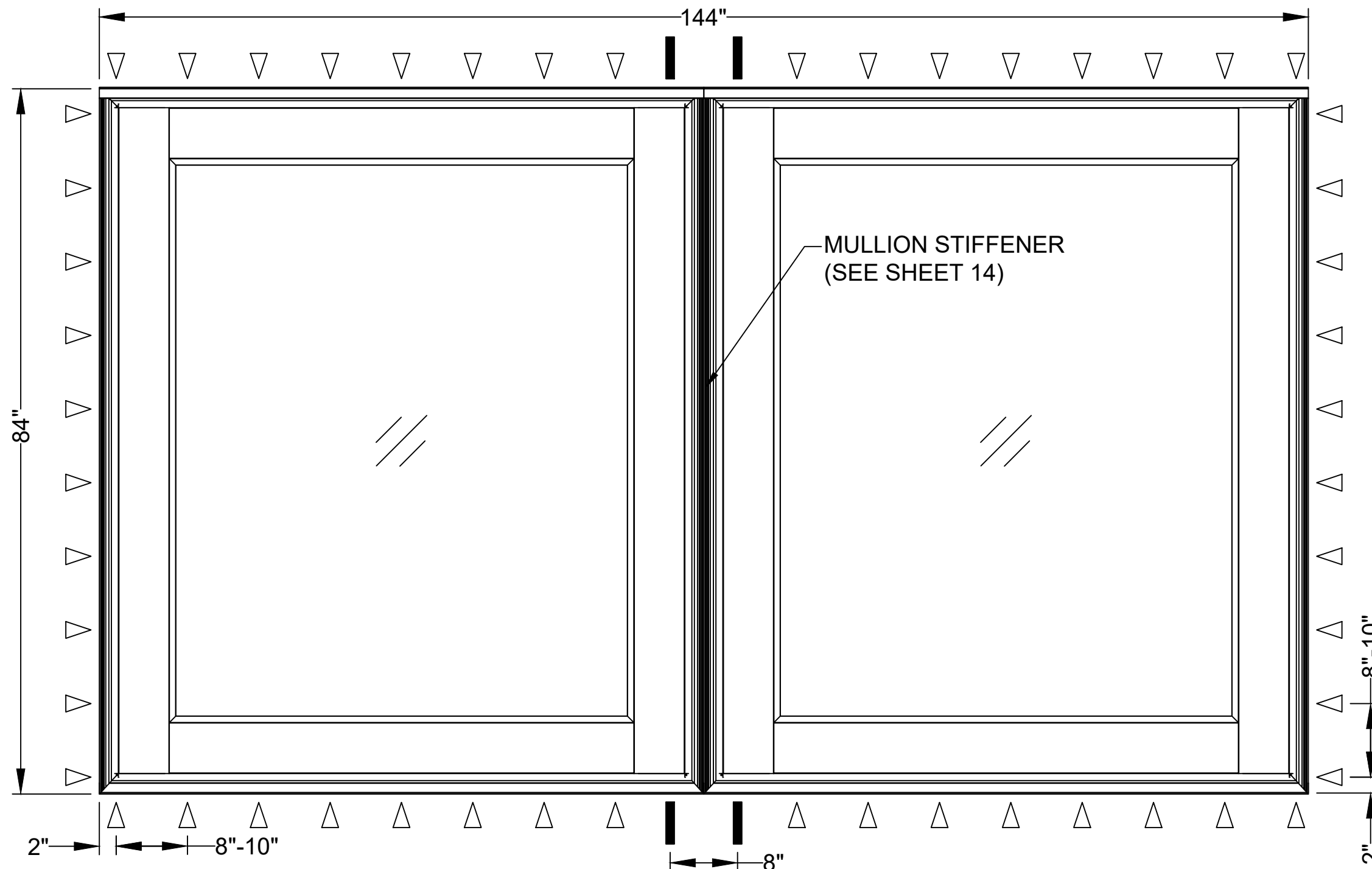
Weather Shield Windows & Doors
One Weather Shield Plaza
Medford, WI 54451

Drawing No.: 23648-1-1001
Project No.: 23648-1
Drawn By: JAR Rev: 1 Date: 01/07/21

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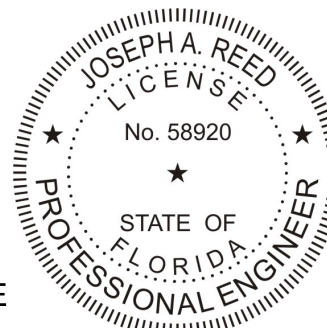
Sheet 2 of 14

DESIGN PRESSURE RATING	IMPACT RATING
+55/-70 PSF	LARGE MISSILE



ANCHOR IN NAIL FIN
SEE SHEET 7

STRAP ANCHOR AT MULLION END
SEE SHEET 8



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- NOTES:
1. FRAME SIZE: 72" x 84"
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 3. SEE SHEET 5 FOR ALTERNATE WINDOW SIZES AND SHEET 6 FOR ALTERNATE MULLED CONFIGURATIONS
 4. SEE SHEET 12 FOR GLAZING OPTIONS

1209 FIXED CASEMENT (IMPACT)

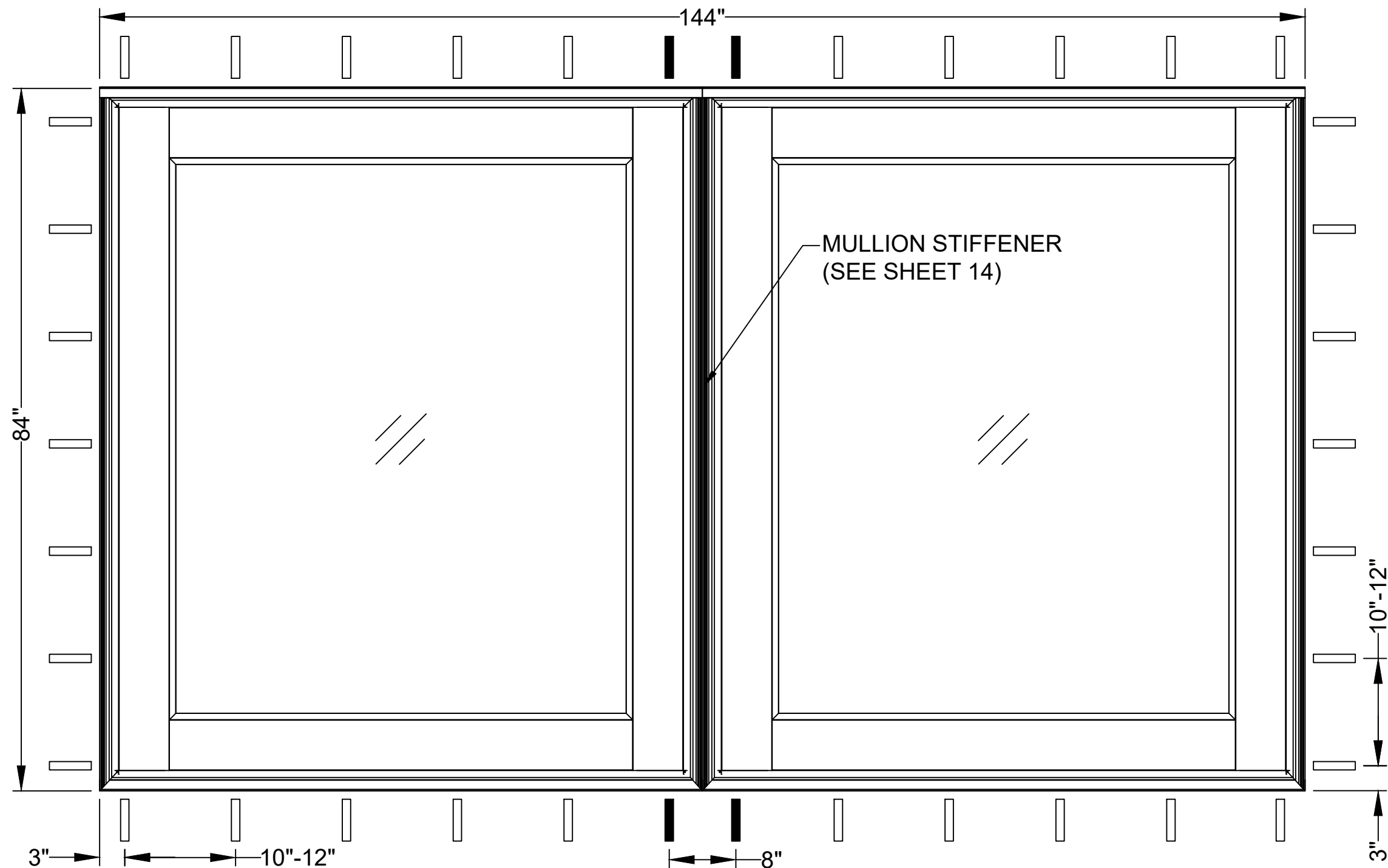
DESIGN PRESSURE RATING	IMPACT RATING
+55/-70 PSF	LARGE MISSILE

1209 FIXED CASEMENT Elevations and Notes

Weather Shield Windows & Doors
One Weather Shield Plaza
Medford, WI 54451

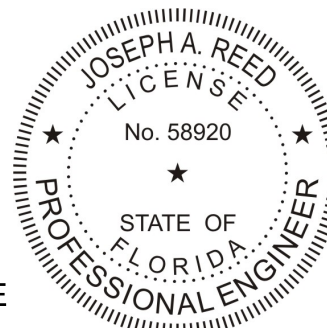
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Project No.: 23648-1
Drawn By: JAR Rev: 1 Date: 01/07/21

Scale: NTS Sheet 3 of 14



STRAP ANCHOR
OR
THROUGH FRAME ANCHOR
SEE SHEETS 8 TO 11

STRAP ANCHOR AT MULLION END
SEE SHEETS 8 TO 9



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1. FRAME SIZE: 72" x 84"
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1209 FIXED CASEMENT (IMPACT)

DESIGN PRESSURE RATING	IMPACT RATING
+55/-70 PSF	LARGE MISSILE

1209 FIXED CASEMENT Elevations and Notes

Weather Shield Windows & Doors
One Weather Shield Plaza
Medford, WI 54451

Drawing No.: 23648-1-1001
Project No.: 23648-1
Drawn By: JAR Rev: 1 Date: 01/07/21

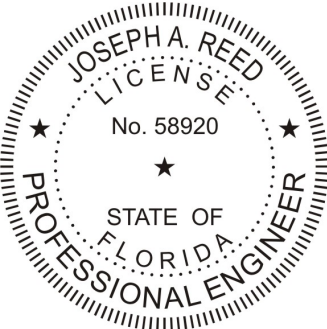
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OPTIONAL SIZES AND DESIGN PRESSURE RATINGS PROVEN BY COMPARATIVE ANALYSIS IN ACCORDANCE WITH FLORIDA BUILDING CODE §2411.3.2.4

Results of Comparative Analysis - Individual Windows with Glazing G1						
Panel Height (in)	Structural Design Pressure (psf) for Panel Width (inch)					
	36	48	60	66	72	78
54						+55.0/-70.0
60						+53.6/-68.3
66						+52.0/-66.2
72			+55.0/-70.0			+51.1/-65.0
78						*
84					+55.0/-70.0	*
90				+54.1/-68.9	*	*
96			+54.9/-69.8	*	*	*
102			*	*	*	*
108			*	*	*	*
114			*	*	*	*
120			*	*	*	*

Notes: 1. * = Area > Test Specimen, Not Allowed.

NOTES:
1. SEE SHEET 12 FOR GLAZING SCHEDULE



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1209 FIXED CASEMENT
Elevations and Notes

Weather Shield Windows & Doors
One Weather Shield Plaza
Medford, WI 54451

Drawing No.: 23648-1-1001
Project No.: 23648-1
Drawn By: JAR Rev: 1 Date: 01/07/21

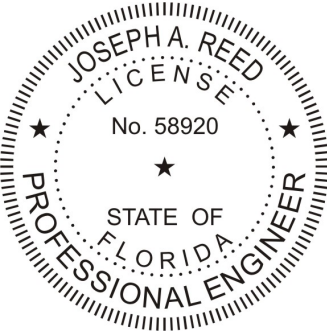
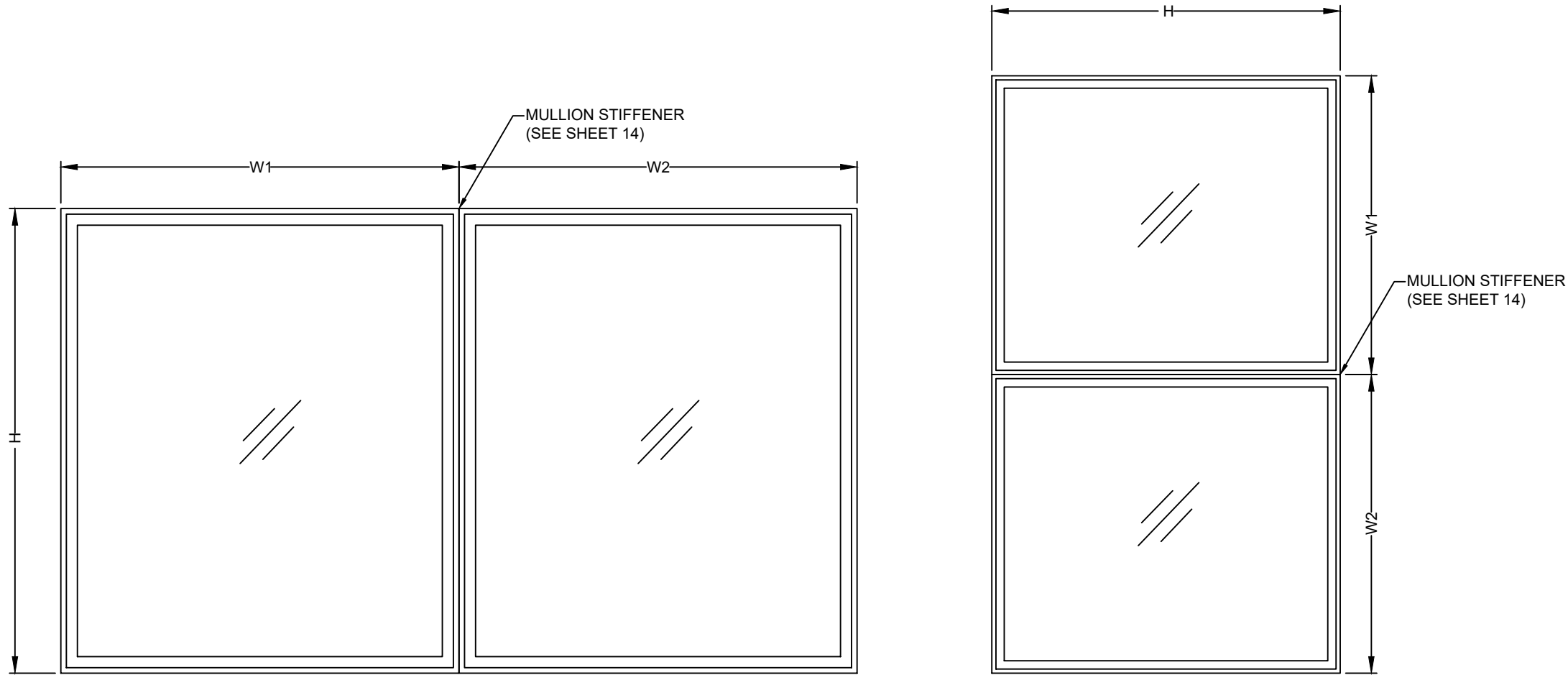
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Sheet 5 of 14

OPTIONAL SIZES AND DESIGN PRESSURE RATINGS PROVEN BY COMPARATIVE ANALYSIS IN ACCORDANCE WITH FLORIDA BUILDING CODE §2411.3.2.4

Results of Comparative Analysis - Mullied Windows						
Mullion Span, H (in)	Structural Design Pressure (psf) for Average Panel Width (inch), W					
	36	48	54	60	66	72
54						
60						
66						
72			+55.0/-70.0			
78						
84						+55.0/-70.0
90		+54.9/-69.9	+50.4/-64.1	+47.0/-59.8	+44.5/-56.7	*
96		+44.6/-56.8	+40.8/-51.9	+37.8/-48.2	*	*
102	+47.2/-60.0	+36.8/-46.8	+33.5/-42.6	*	*	*
108	+39.5/-50.3	+30.7/-39.0	+27.8/-35.4	*	*	*
114	+33.5/-42.6	+25.9/-32.9	*	*	*	*
120	+28.6/-36.4	+22.0/-28.0	*	*	*	*

Notes: 1. * = Panel Area > Test Specimen, Not Allowed.
2. Design pressure may be limited by structural capacity of individual windows

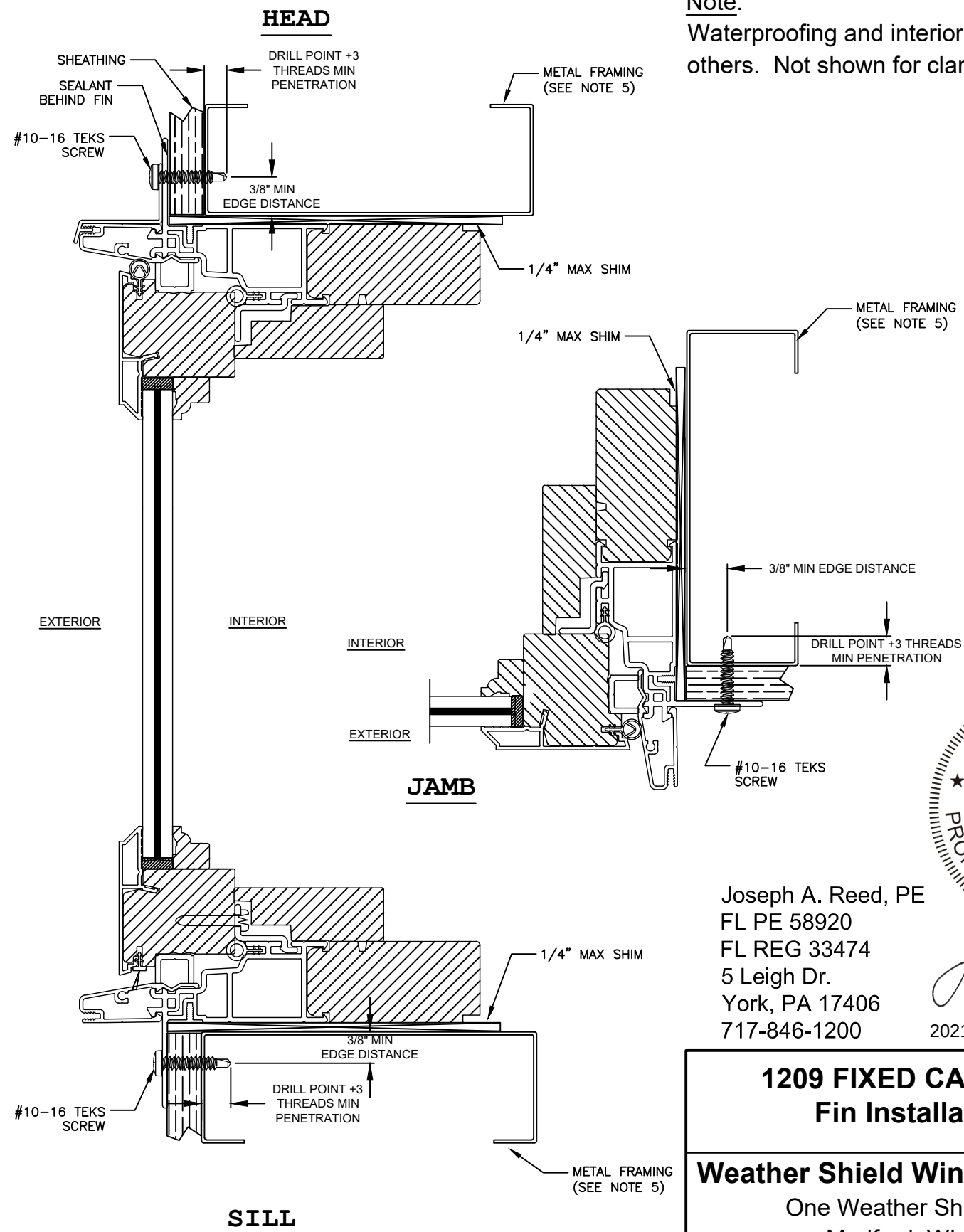
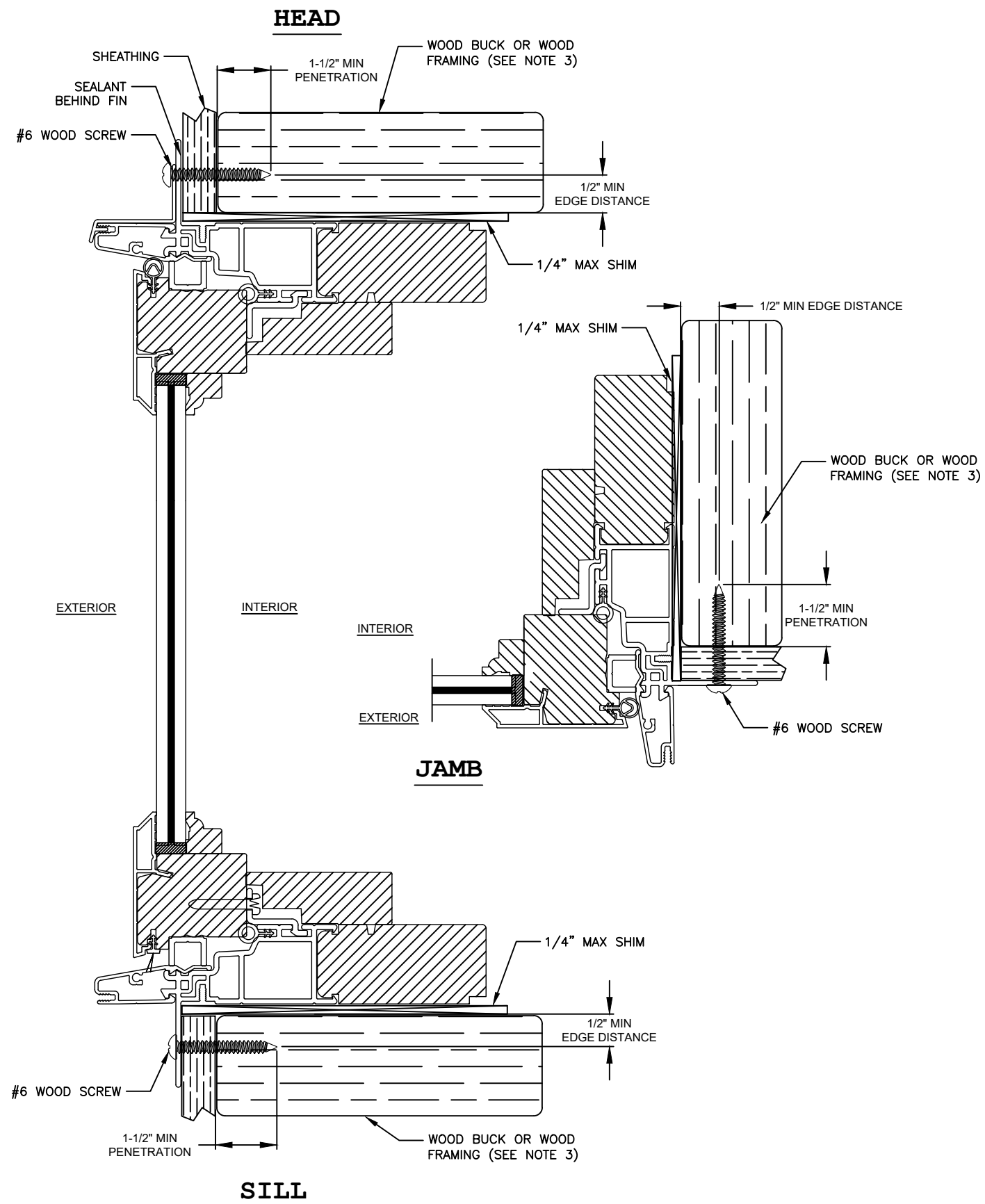


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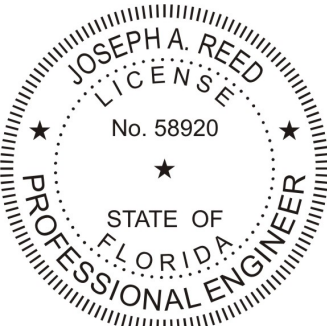
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1209 FIXED CASEMENT Elevations and Notes	
Weather Shield Windows & Doors One Weather Shield Plaza Medford, WI 54451	
Drawing No.: 23648-1-1001 Project No.: 23648-1 Drawn By: JAR Rev: 1 Date: 01/07/21	
Scale: NTS	Sheet 6 of 14



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



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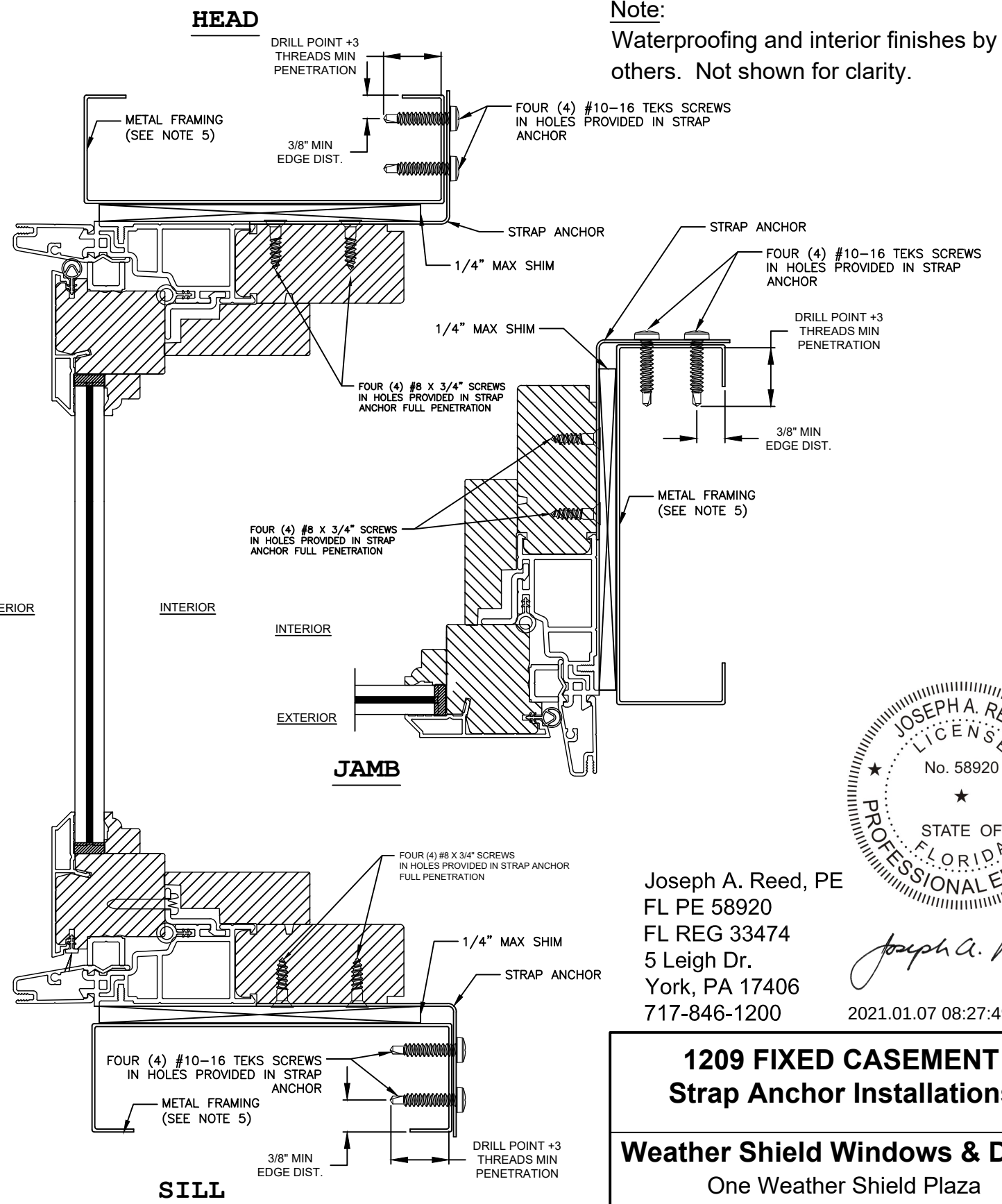
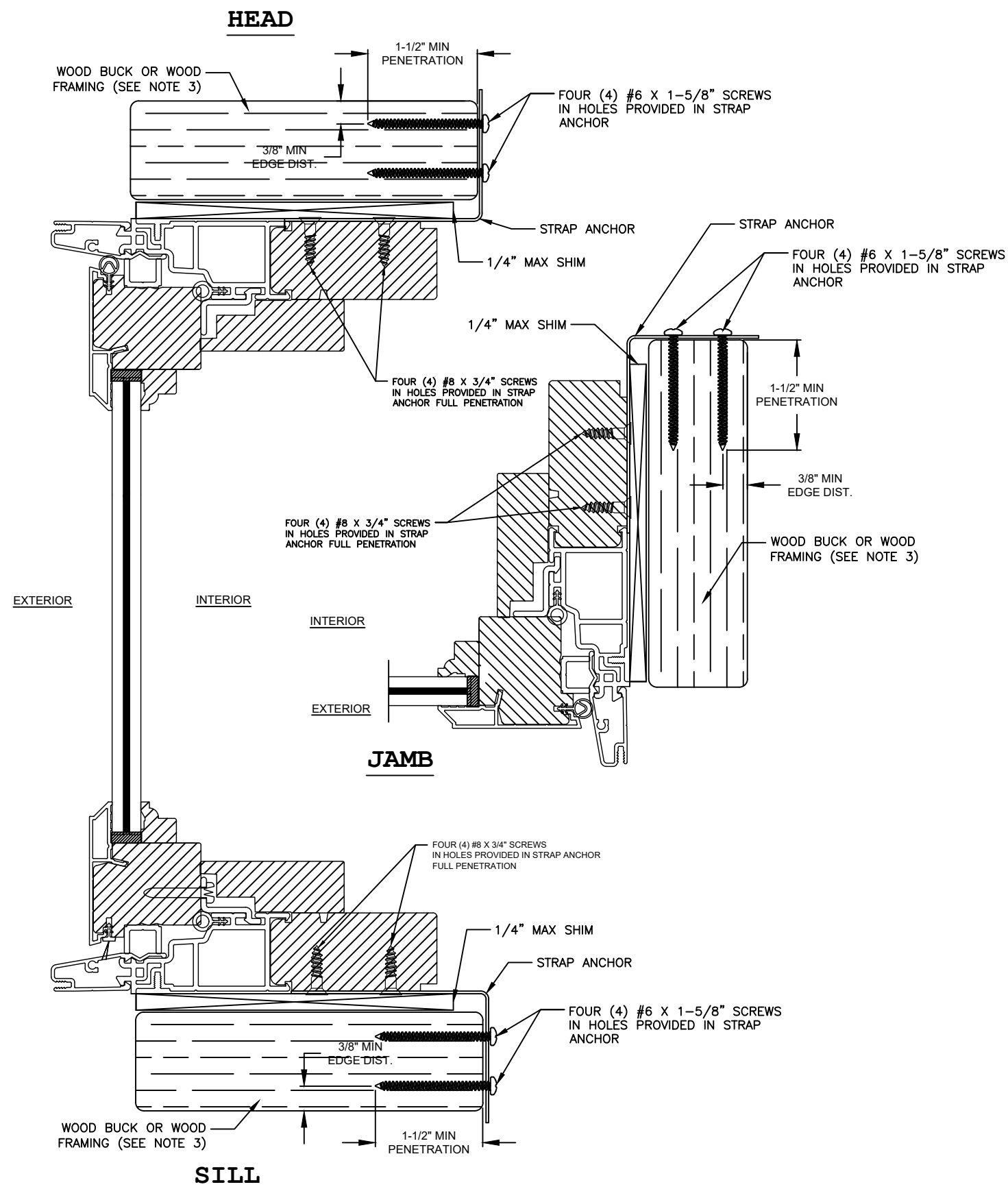
1209 FIXED CASEMENT Fin Installations

Weather Shield Windows & Doors
One Weather Shield Plaza
Medford, WI 54451

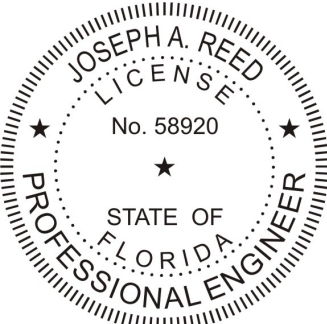
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Project No.: 23648-1
Drawn By: JAR Rev: 1 Date: 01/07/21

Scale: 1:2

Sheet 7 of 14



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



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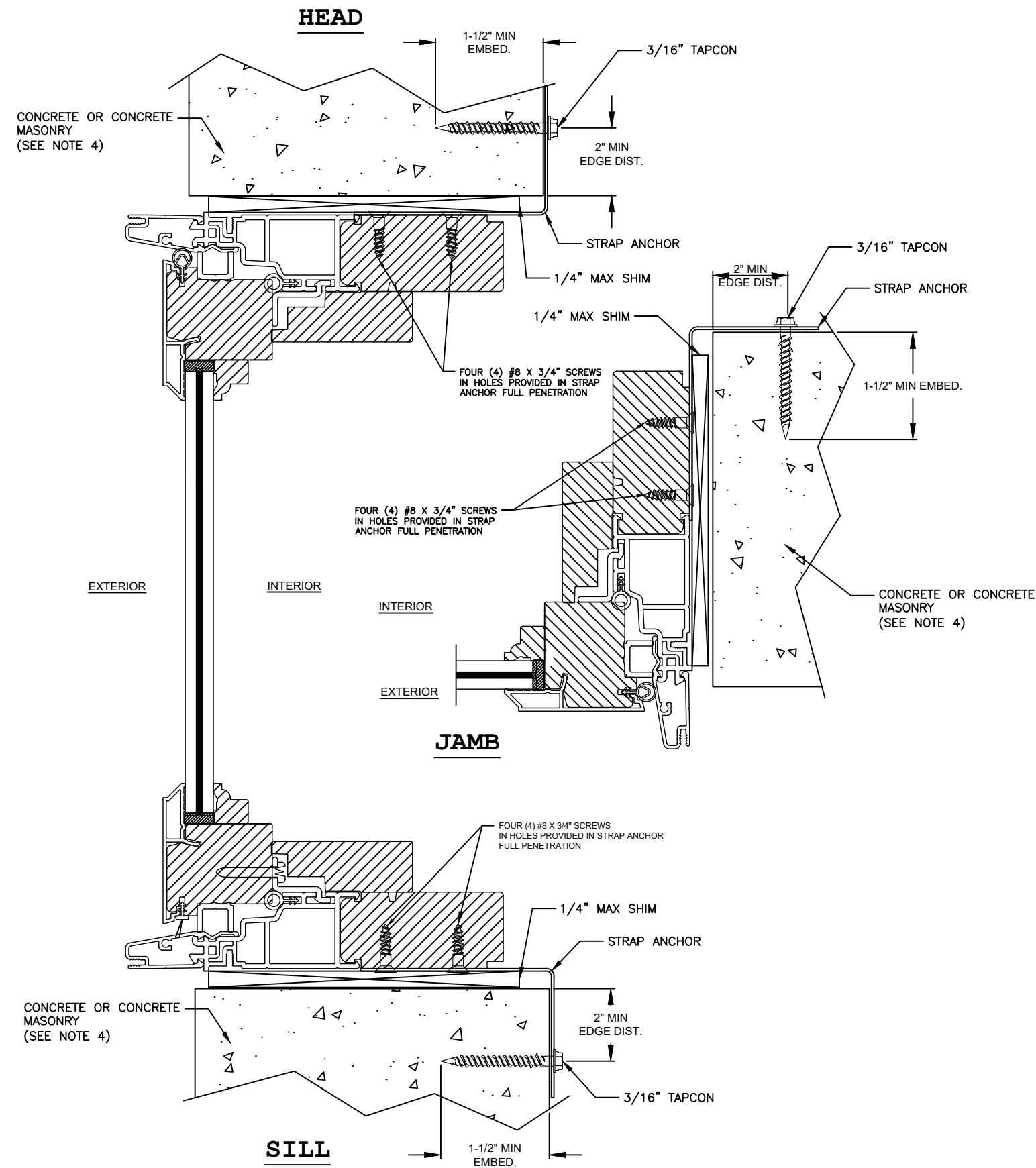
1209 FIXED CASEMENT Strap Anchor Installations

Weather Shield Windows & Doors
One Weather Shield Plaza
Medford, WI 54451

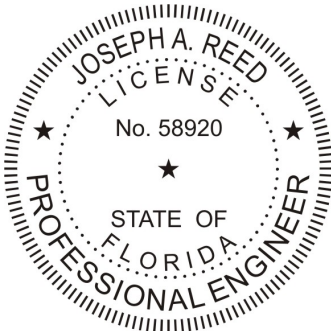
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Sheet 8 of 14



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

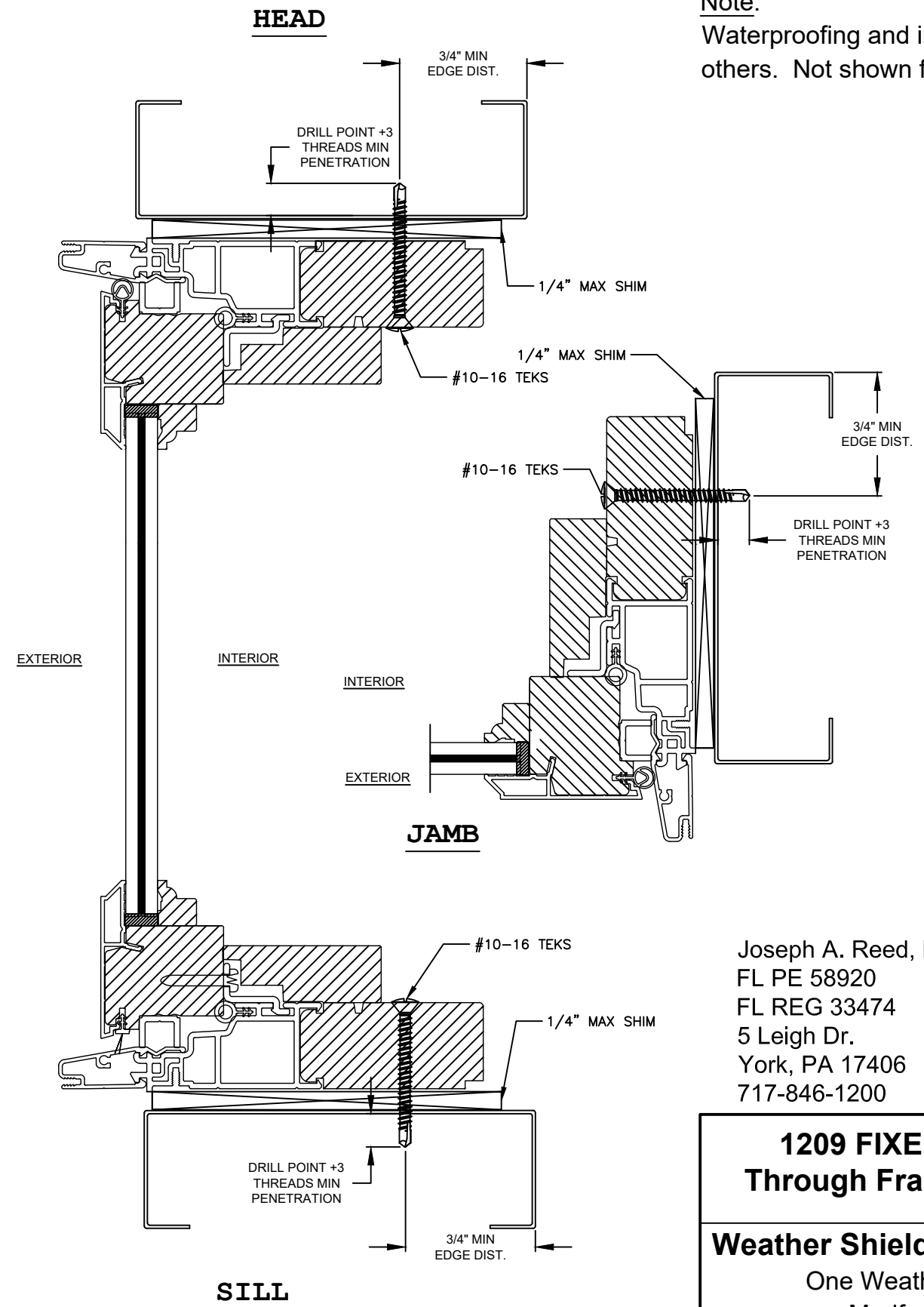
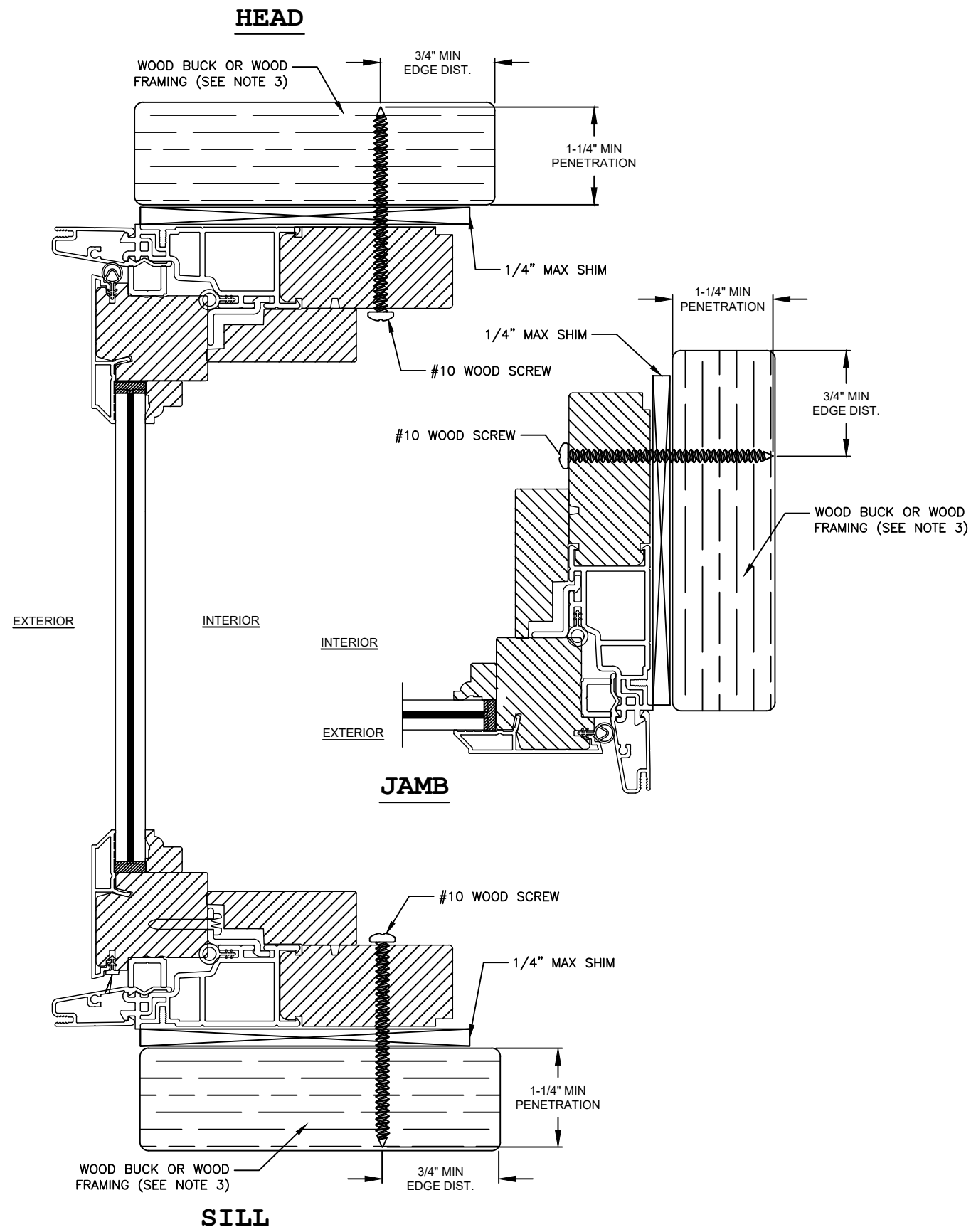


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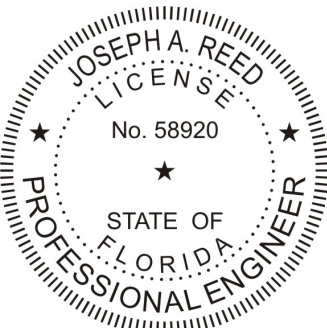
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1209 FIXED CASEMENT Strap Anchor Installations	
Weather Shield Windows & Doors One Weather Shield Plaza Medford, WI 54451	
Drawing No.: 23648-1-1001 Project No.: 23648-1 Drawn By: JAR Rev: 1 Date: 01/07/21	
Scale: 1:2	Sheet 9 of 14



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



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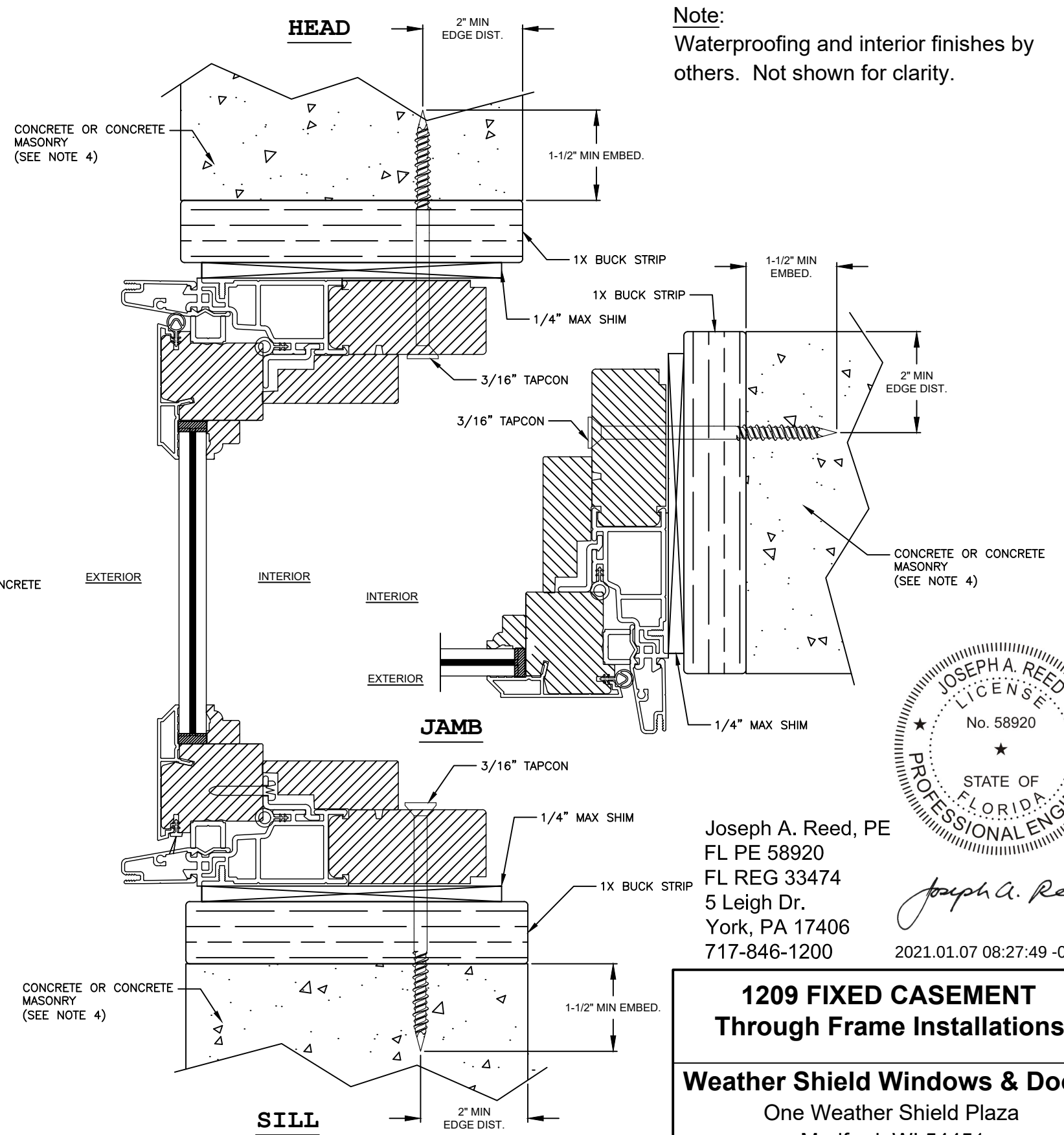
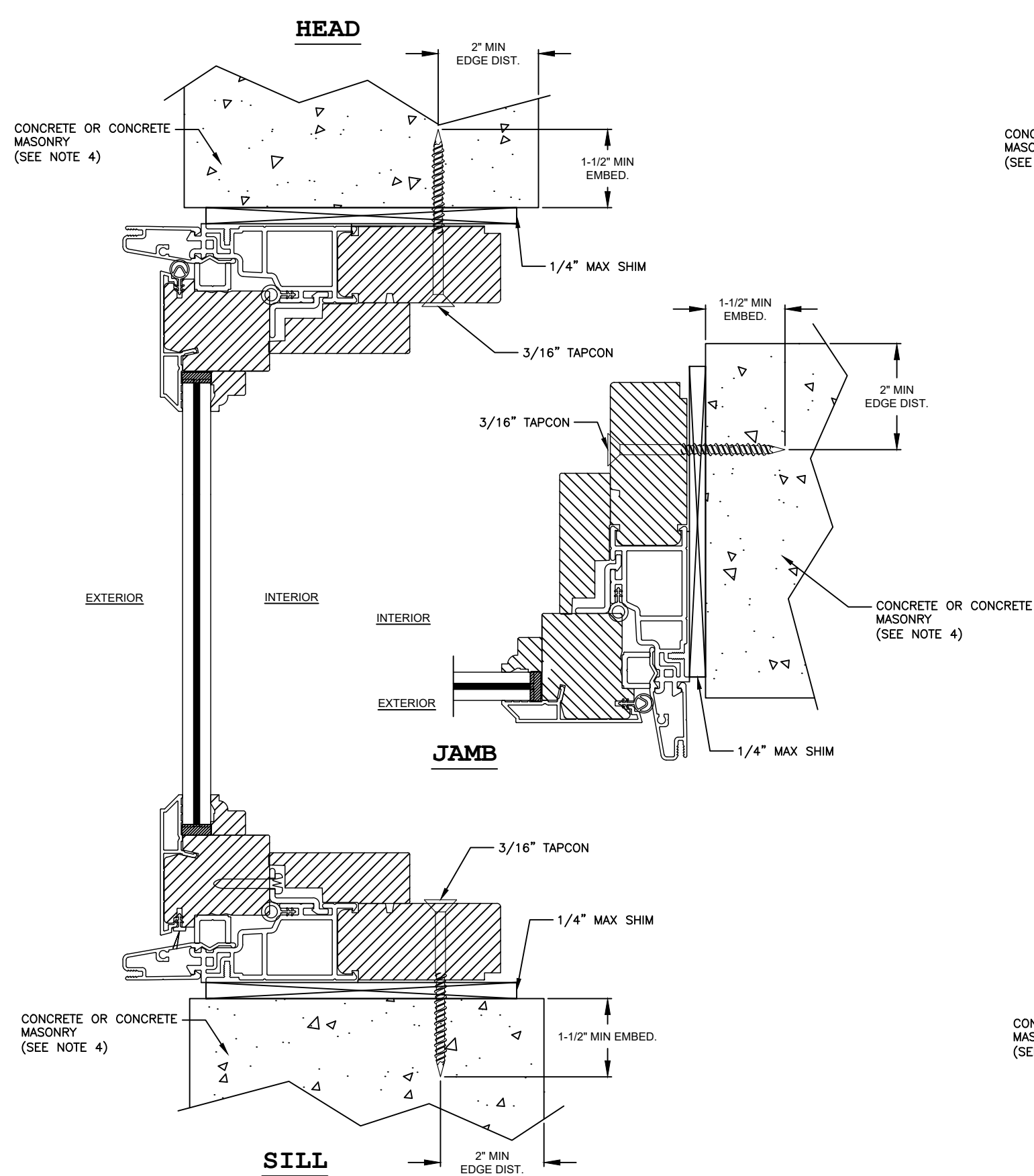
1209 FIXED CASEMENT Through Frame Installations

Weather Shield Windows & Doors
One Weather Shield Plaza
Medford, WI 54451

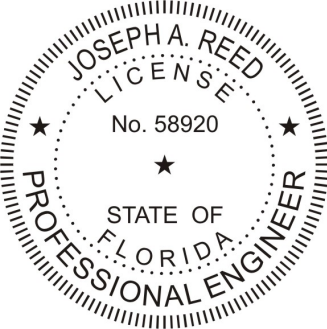
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Project No.: 23648-1
Drawn By: JAR Rev: 1 Date: 01/07/21

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Sheet 10 of 14



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

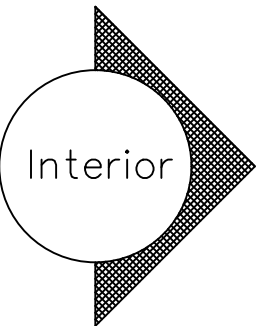


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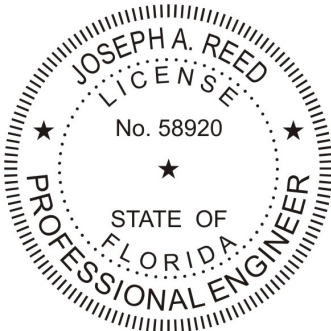
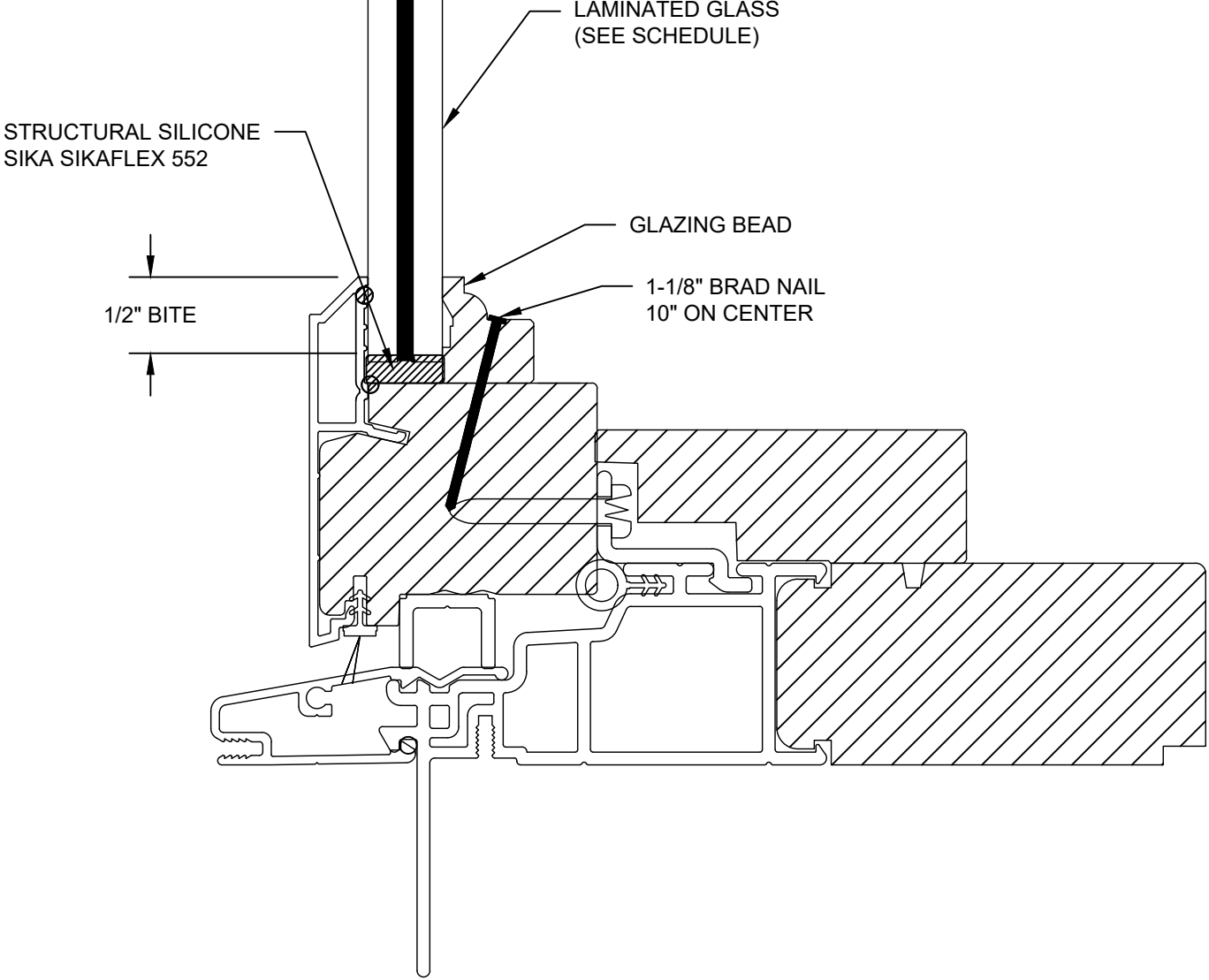
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Weather Shield Windows & Doors One Weather Shield Plaza Medford, WI 54451	
Drawing No.: 23648-1-1001 Project No.: 23648-1 Drawn By: JAR Rev: 1 Date: 01/07/21	
Scale: 1:2	Sheet 11 of 14

GLAZING DETAILS



Glazing Schedule	
Glazing Type	Glazing Construction
G1	(2) 5/16" Annealed + 0.090" SGP

Notes: 1. SGP = Kuraray SentryGlas Interlayer (NOA 20-0915.19)



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1209 FIXED CASEMENT Glazing Details

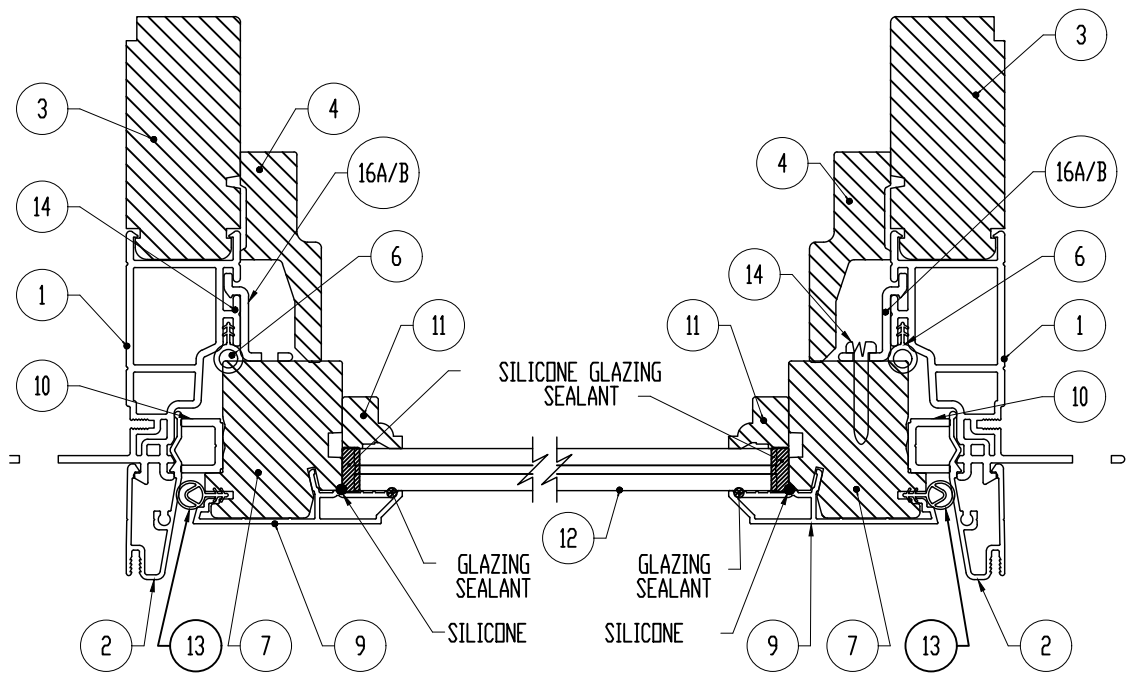
Weather Shield Windows & Doors
One Weather Shield Plaza
Medford, WI 54451

Drawing No.: 23648-1-1001
Project No.: 23648-1
Drawn By: JAR Rev: 1 Date: 01/07/21

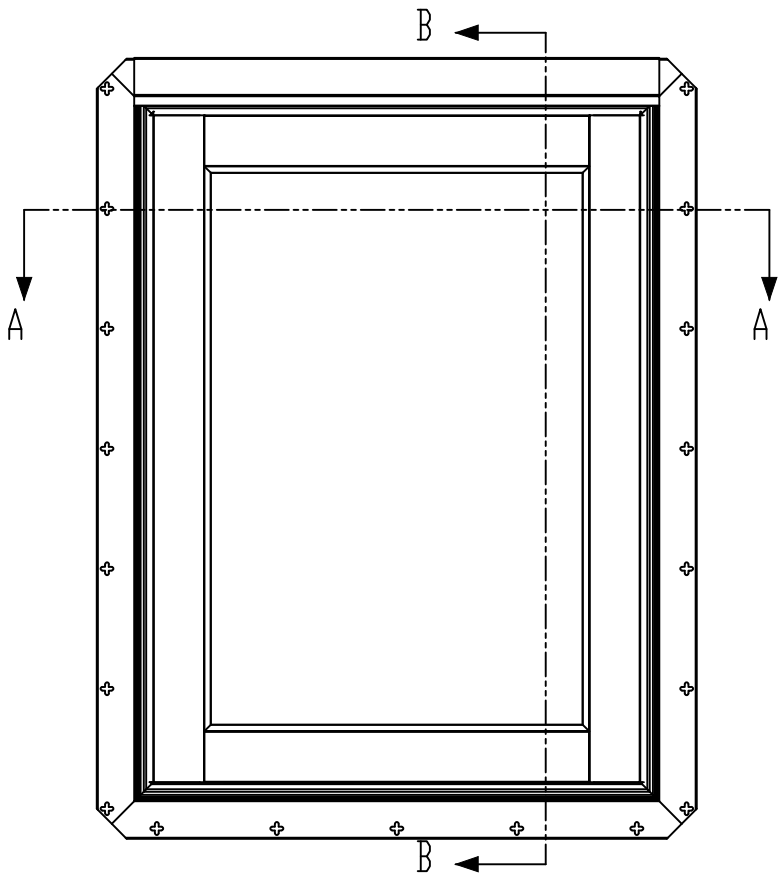
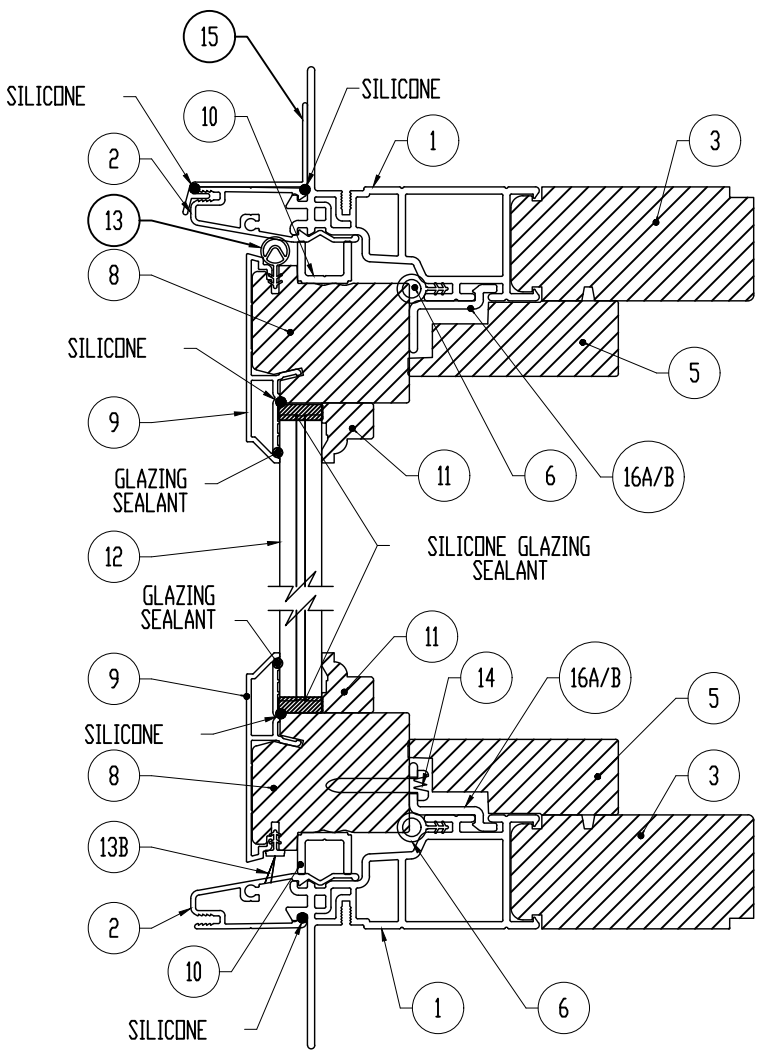
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Sheet 12 of 14

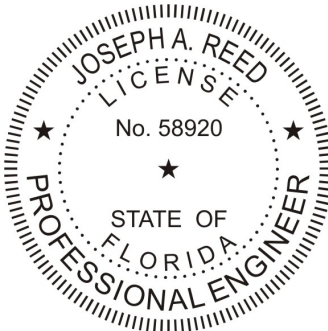
SECTION A-A



SECTION B-B



ITEM NUMBER	QTY.	DRAWING NUMBER	DRAWING TITLE	DRAWING REVISION DATE	MATERIAL
1	4	85-7354-01	FRAME, VINYL BASE	07/21/14	VINYL
2	4	85-7265-02	FRAME CLAD NOSE, ALUMINUM	06/10/13	ALUMINUM
3	4	85-7866-01	JAMB, 4-9/16" WOOD	01/10/14	WOOD
4	2	85-7392-01	SIDE JAMB COVER	09/08/14	WOOD
5	2	85-8207-01	PICTURE, HEAD / SILL JAMB COVER	09/22/14	WOOD
6	4	85-7583-01	WEATHER STRIP, BULB .300	05/14/12	RUBBER
7	2	85-8084-01	SASH, STILE	06/27/13	WOOD
8	2	85-7906-01	SASH, RAIL	06/27/13	WOOD
9	4	85-7905-02	CLAD, SASH	05/21/14	ALUMINUM
10	REF DRAWING 85-8072-09	85-3558-01	SPACER, .562 x .437	07/28/08	VINYL
11	4	85-8182-01	GLAZING BEAD, 0.75" IG COLONIAL (SHOWN)	03/22/13	WOOD
		85-8186-01	GLAZING BEAD, 0.75" IG PUTTY	03/22/13	WOOD
12	1	85-10984-02	GLASS ASSY, 7/16" LAMINATED GLASS/.090 INTERLAYER	10/30/14	GLASS
NOT SHOWN	REF DRAWING 85-8072-28	N/A	GLAZING / GLASS SHIMS	11/22/13	VINYL
SHOWN	REF DRAWING 85-8072-28	N/A	GLAZING SEALANT	11/22/13	GLAZING SEALANT
13	2	85-8028-01	ULTRAFAB PILE WEATHER STRIP	11/08/12	POLYPROPYLENE
13A	1	85-8219-01	ULTRA CLAD WEATHER STRIP	12/07/12	POLYPROPYLENE
13B	1	85-8254-01	WEATHER-STRIP CARRIER	02/04/13	PVC
14	REF DRAWING 85-8282-03	85-8282-03	PICTURE, FASTENER SPECIFICATION	01/07/15	METAL
15	1	85-7591-01	DRIP CAP	05/08/12	PVC
16A	REF DRAWING 85-7438-35	85-7384-01	PICTURE CLIP	01/25/12	VINYL
16B	REF DRAWING 85-7438-35	85-10868-01	PICTURE CLIP	08/15/14	ALUMINUM



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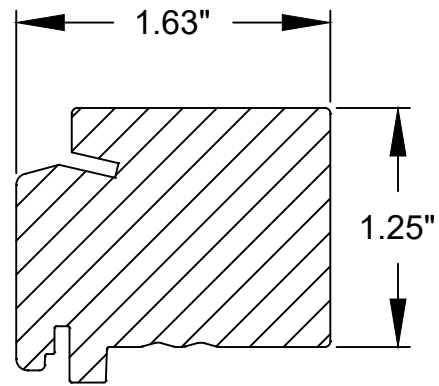
**1209 FIXED CASEMENT
Components**

Weather Shield Windows & Doors
One Weather Shield Plaza
Medford, WI 54451

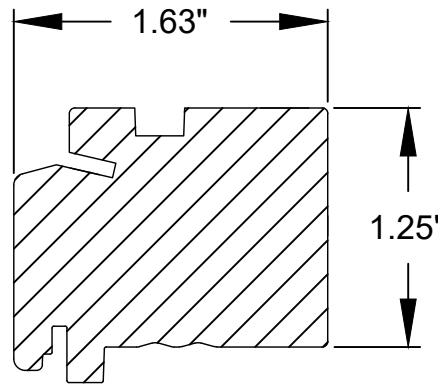
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Project No.: 23648-1
Drawn By: JAR Rev: 1 Date: 01/07/21

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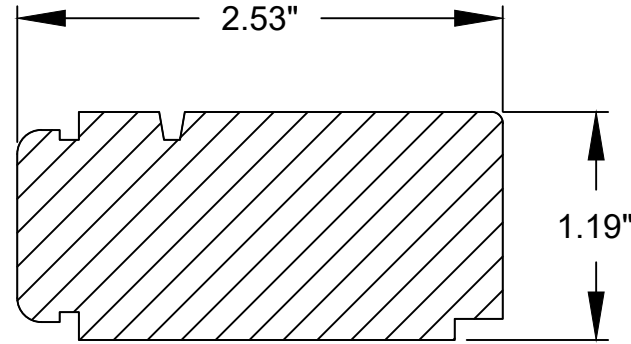
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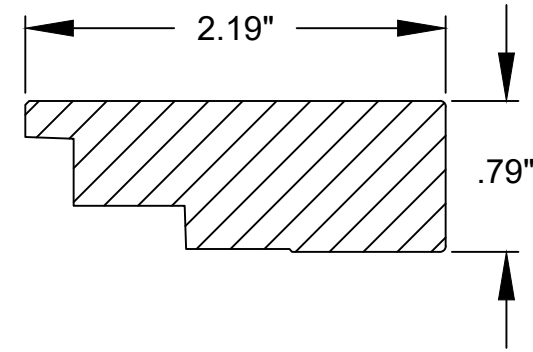
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(PINE)



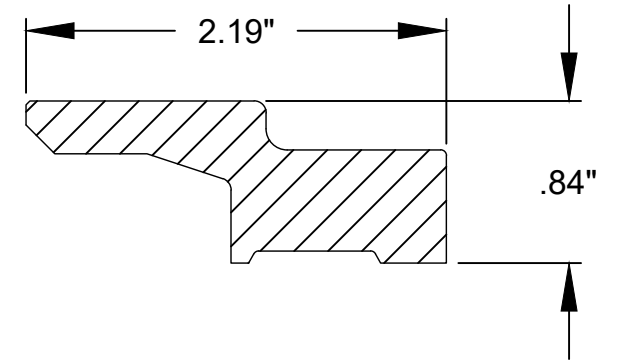
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(PINE)



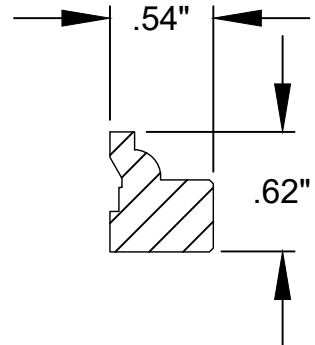
JAMB FRAME
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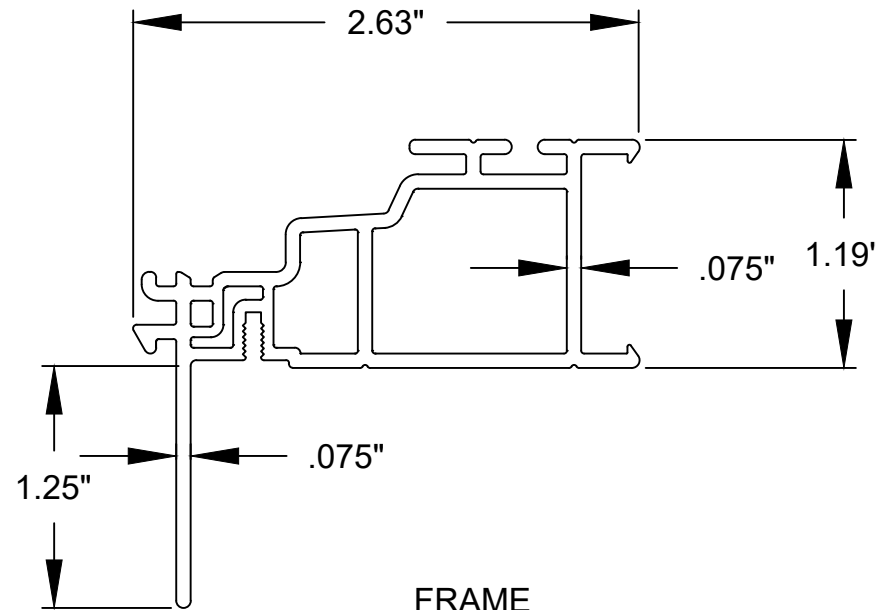
HEAD/SILL JAMB COVER
(PINE)



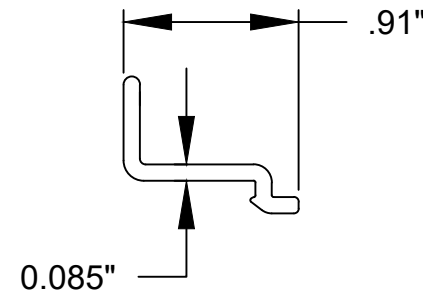
SIDE JAMB COVER
(PINE)



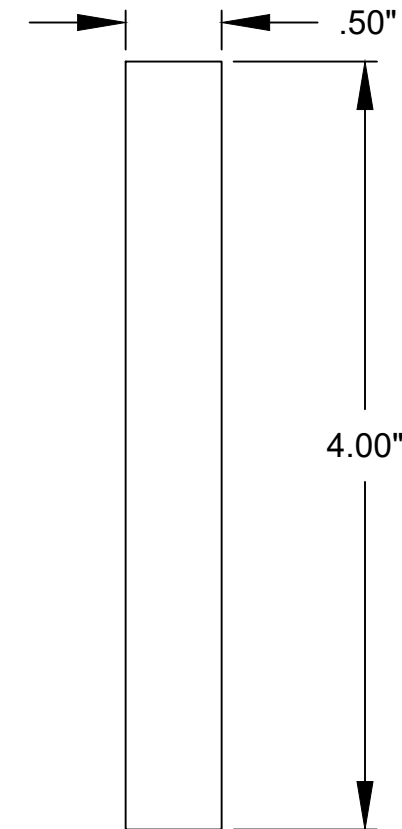
GLAZING BEAD
(PINE)



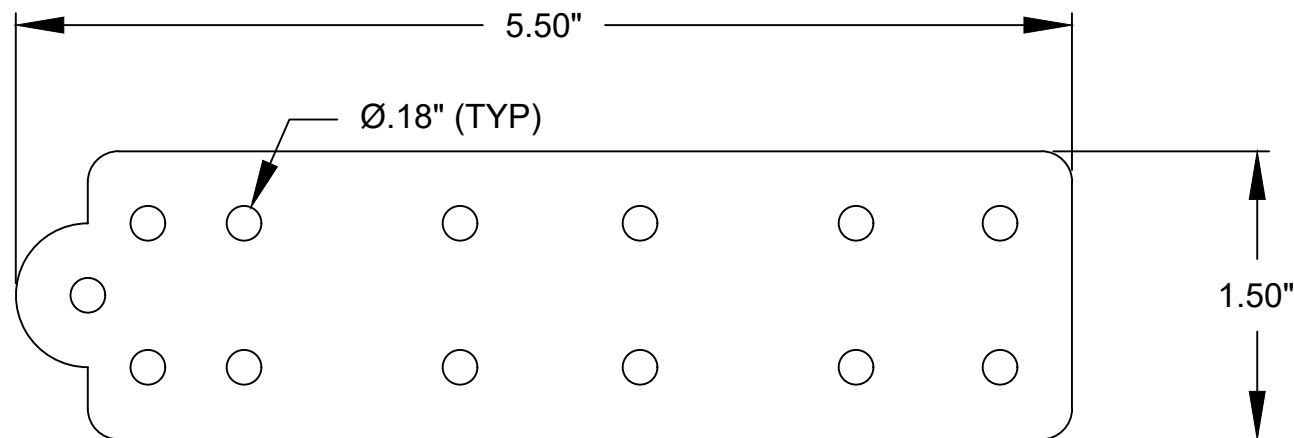
FRAME
(VINYL)



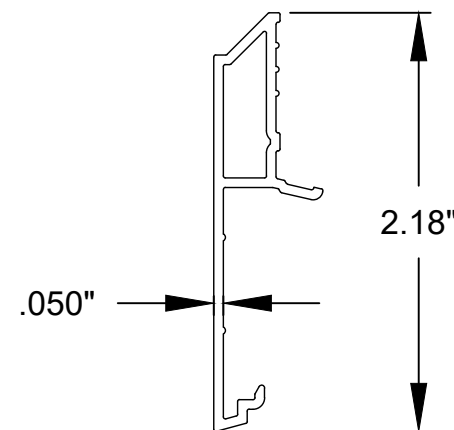
PICTURE CLIP
(6063-T5)
(VINYL)



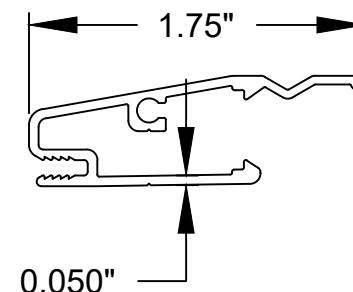
MULLION STIFFENER
(6063-T5)



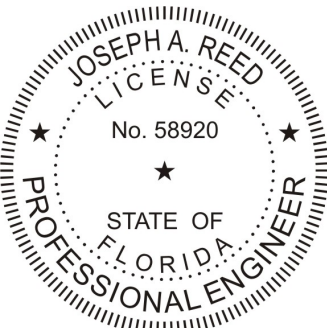
STRAP ANCHOR
(20 GAGE STEEL)



SASH CLAD
(6063-T5)



FRAME CLAD
(6063-T5)



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2021.01.07 08:27:49 -05'00'

1209 FIXED CASEMENT COMPONENTS

Weather Shield Windows & Doors

One Weather Shield Plaza
Medford, WI 54451

Drawing No.: 23648-1-1001

Project No.: 23648-1

Drawn By: JAR Rev: 1 Date: 01/07/21

Scale: 1:2

Sheet 14 of 14