

Endurance PICTURE WINDOW (FIN INSTALL)
 SIZE 48" X 72"
 DESIGN PRESSURE +/- 50 PSF
 SEE SHEET 7 FOR GLAZING DESCRIPTION

NOTES:

1. Products and installations depicted satisfy the requirements of the current Florida Building Code, Building for the 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. Metal stud frames are assumed to be a minimum 18 gauge 33 KSI steel.
5. Wood screws shall be corrosion resistant and meet the requirements of ANSI/ASME B18.6.1
6. TEKS screws shall be corrosion resistant and shall be ASTM A510 Grade 1018 or equivalent.
7. Nails shall be corrosion resistant and meet the requirements of ASTM F1667.
8. Maximum permitted shim thickness is 1/4". Shims shall be non-compressible and load bearing type.
9. Products are not impact resistant and require approved protection devices if used in wind-borne debris regions.
10. Not for use in High Velocity Hurricane Zone (HVHZ).

CONTENTS:

- Sheet 1-3 Elevations and Notes
- Sheets 4-5 Fin Install to Wood
- Sheet 6 Fin Install to Steel Stud
- Sheet 7 Sections and BOM
- Sheet 8 Components



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Michael D. Stremmel
 2023.10.24 09:33:02 -04'00'

ALLOWED SIZES PER FBC 1709.05

Window Height (inch)	Design Pressure (psf)						
	Window Width (inch)						
	24	30	36	42	48	54	60
48	+50.0/-88.9	+50.0/-77.6	+50.0/-66.7	+50.0/-57.1	+/-50.0	+/-45.0	+/-41.7
54	+50.0/-85.7	+50.0/-73.8	+50.0/-66.7	+50.0/-57.1	+/-50.0	+/-44.4	+/-40.4
60	+50.0/-83.3	+50.0/-71.1	+50.0/-63.5	+50.0/-57.1	+/-50.0	+/-44.4	
66	+50.0/-81.5	+50.0/-69.0	+50.0/-61.1	+50.0/-55.9	+/-50.0		
72	+50.0/-80.0	+50.0/-67.4	+50.0/-59.3	+50.0/-53.8	+/-50.0		
78	+50.0/-78.8	+50.0/-66.0	+50.0/-57.8	+50.0/-52.1			
84	+50.0/-77.8	+50.0/-64.9	+50.0/-56.6				
90	+50.0/-76.9	+50.0/-64.0	+50.0/-55.6				
96	+50.0/-76.2	+50.0/-63.2	+50.0/-54.7				
102	+50.0/-75.6	+50.0/-62.5					
108	+50.0/-75.0	+50.0/-61.9					

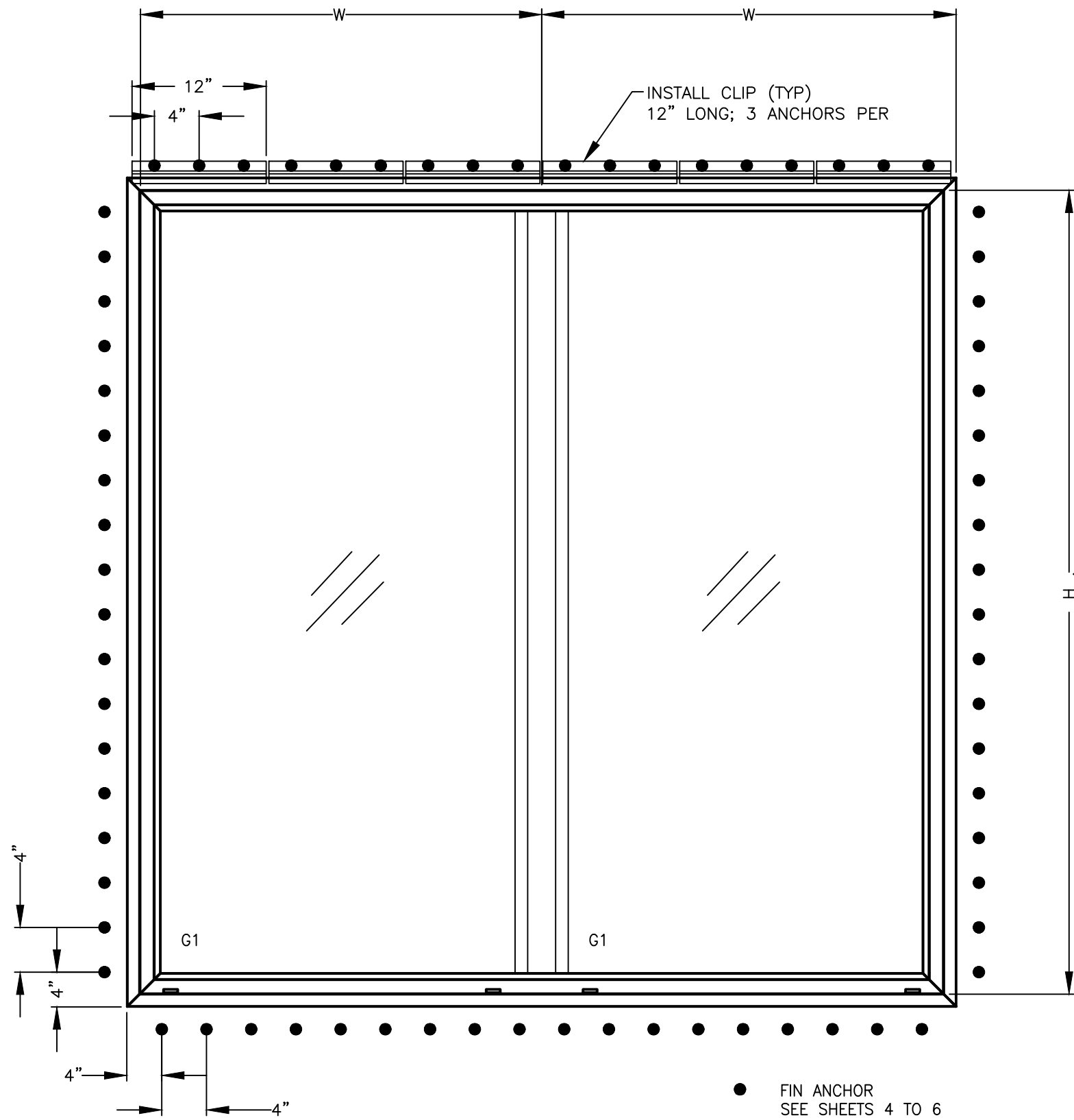
A > 24 ft²

Endurance PW - non-Impact Elevations and Notes

VPI Quality Windows
 3420 Ferry Ave.
 Spokane, WA 99202

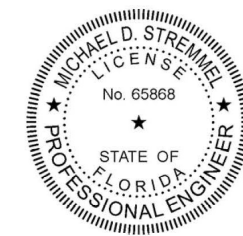
Drawing No.: 25164-1-1002
 Project No.: 25164-1
 Drawn By: MDS Rev: 2 Date: 10/16/23

Scale: NTS Sheet 1 of 8



ALLOWED SIZES PER FBC 1709.05

Panel Height, H (inch)	Design Pressure (psf) Panel Width, W (inch)				
	24	30	36	42	48
48	+50.0/-87.5	+50.0/-76.4	+50.0/-70.0	+50.0/-66.7	+50.0/-65.6
54	+50.0/-75.0	+50.0/-64.6	+50.0/-58.3	+50.0/-54.5	+50.0/-52.5
60	+50.0/-65.6	+50.0/-56.0	+/-50.0	+/-45.1	+/-42.0
66	+50.0/-51.4	+/-42.3	+/-36.6	+/-32.8	+/-30.3
72	+/-39.2	+/-32.2	+/-27.6	+/-24.6	+/-22.5

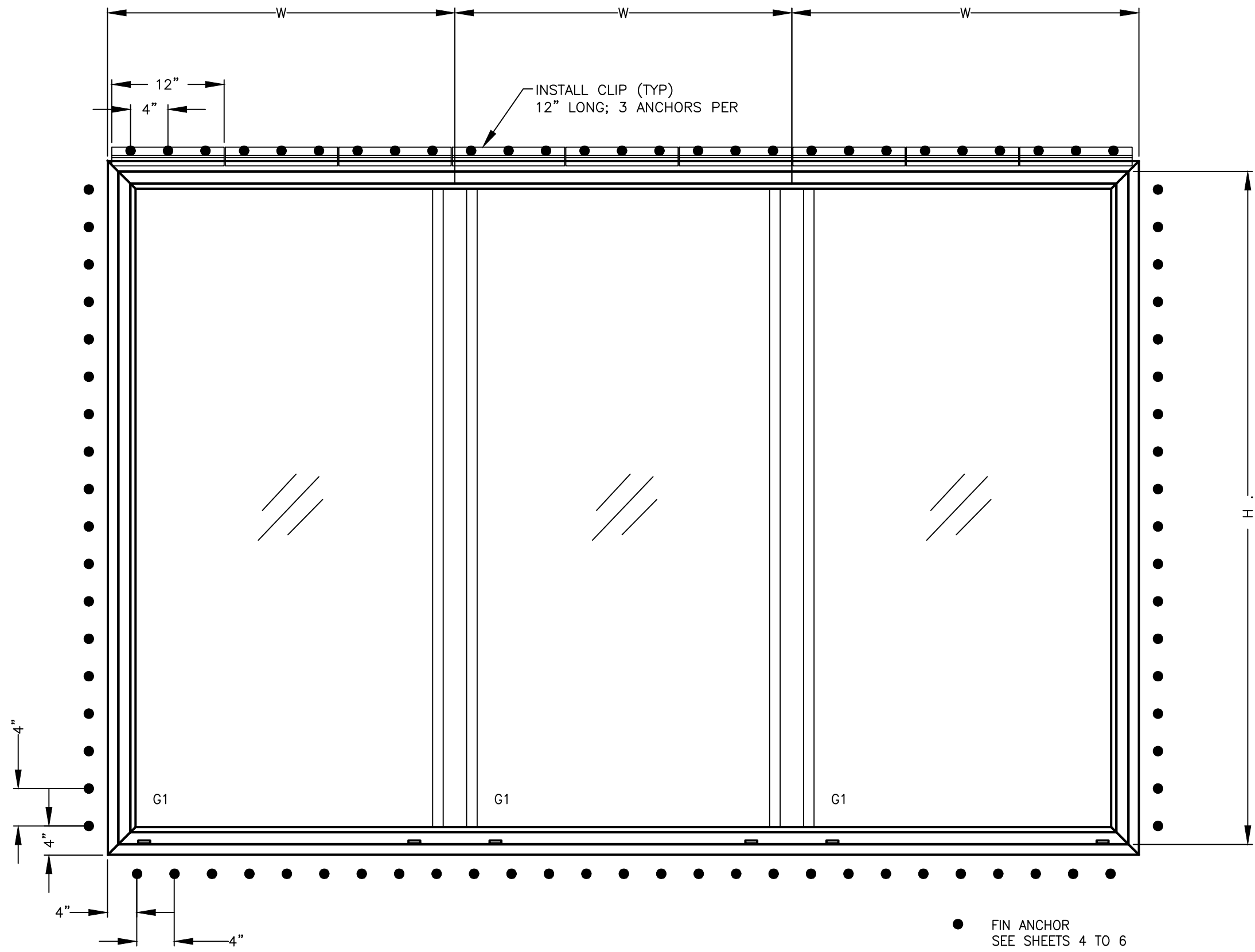


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Endurance 2-WIDE PICTURE WINDOW (FIN INSTALL)
 SIZE: SEE CHART THIS PAGE
 DESIGN PRESSURE: SEE CHART THIS PAGE
 SEE SHEET 7 FOR GLAZING DESCRIPTION

Endurance PW - non-Impact Elevations and Notes	
VPI Quality Windows 3420 Ferry Ave. Spokane, WA 99202	
Drawing No.: 25164-1-1002 Project No.: 25164-1 Drawn By: MDS Rev: 2 Date:10/16/23	
Scale: NTS	Sheet 2 of 8



ALLOWED SIZES PER FBC 1709.05

Panel Height, H (inch)	Design Pressure (psf) Panel Width, W (inch)				
	24	30	36	42	48
48	+50.0/-87.5	+50.0/-76.4	+50.0/-70.0	+50.0/-66.7	+50.0/-65.6
54	+50.0/-75.0	+50.0/-64.6	+50.0/-58.3	+50.0/-54.5	+50.0/-52.5
60	+50.0/-65.6	+50.0/-56.0	+/-50.0	+/-45.1	+/-42.0
66	+50.0/-51.4	+/-42.3	+/-36.6	+/-32.8	+/-30.3
72	+/-39.2	+/-32.2	+/-27.6	+/-24.6	+/-22.5



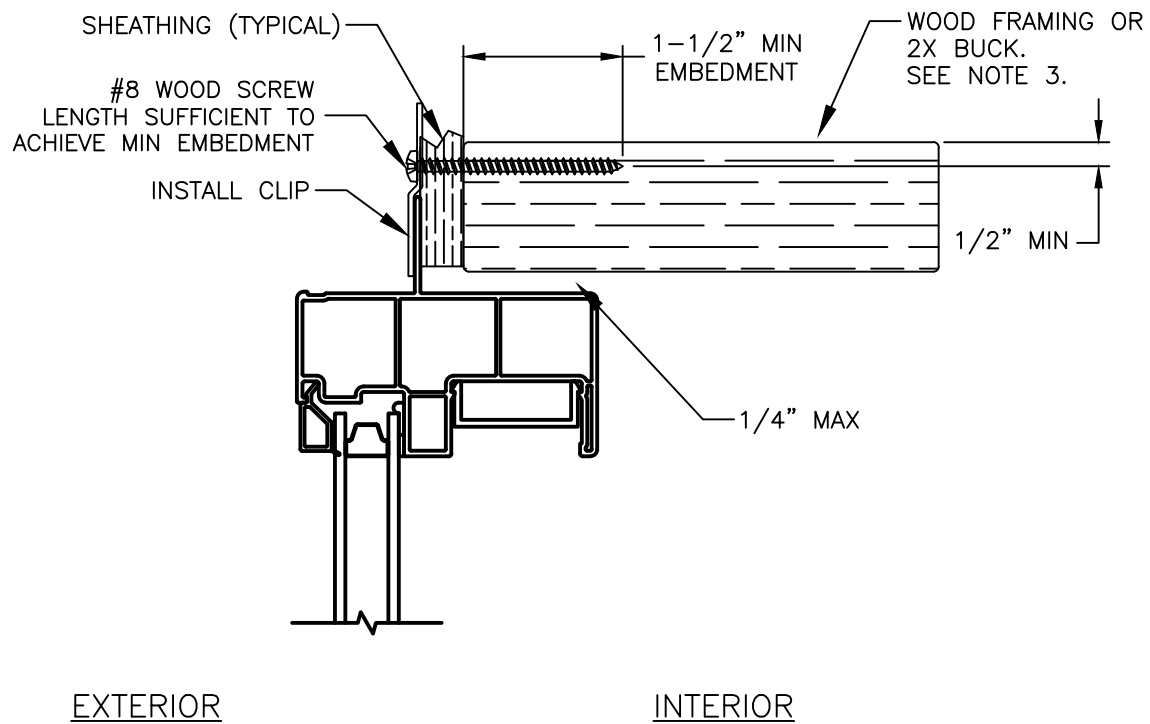
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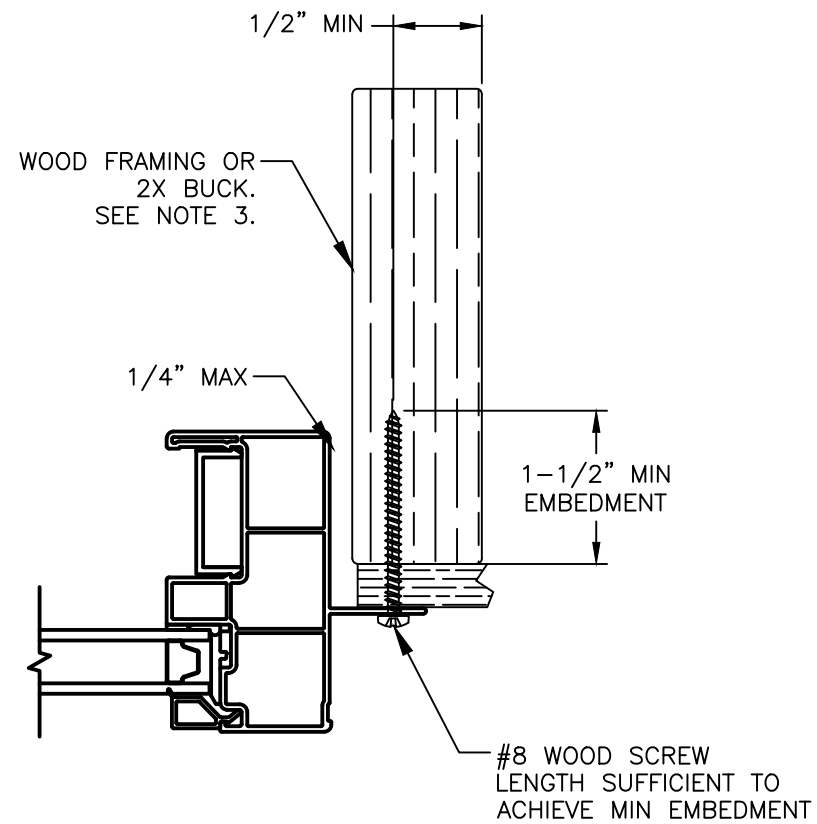
Endurance 3-WIDE PICTURE WINDOW (FIN INSTALL)
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 DESIGN PRESSURE: SEE CHART THIS PAGE
 SEE SHEET 7 FOR GLAZING DESCRIPTION

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VPI Quality Windows 3420 Ferry Ave. Spokane, WA 99202	
Drawing No.: 25164-1-1002 Project No.: 25164-1 Drawn By: MDS Rev: 2 Date: 10/16/23	
Scale: NTS	Sheet 3 of 8

HEAD

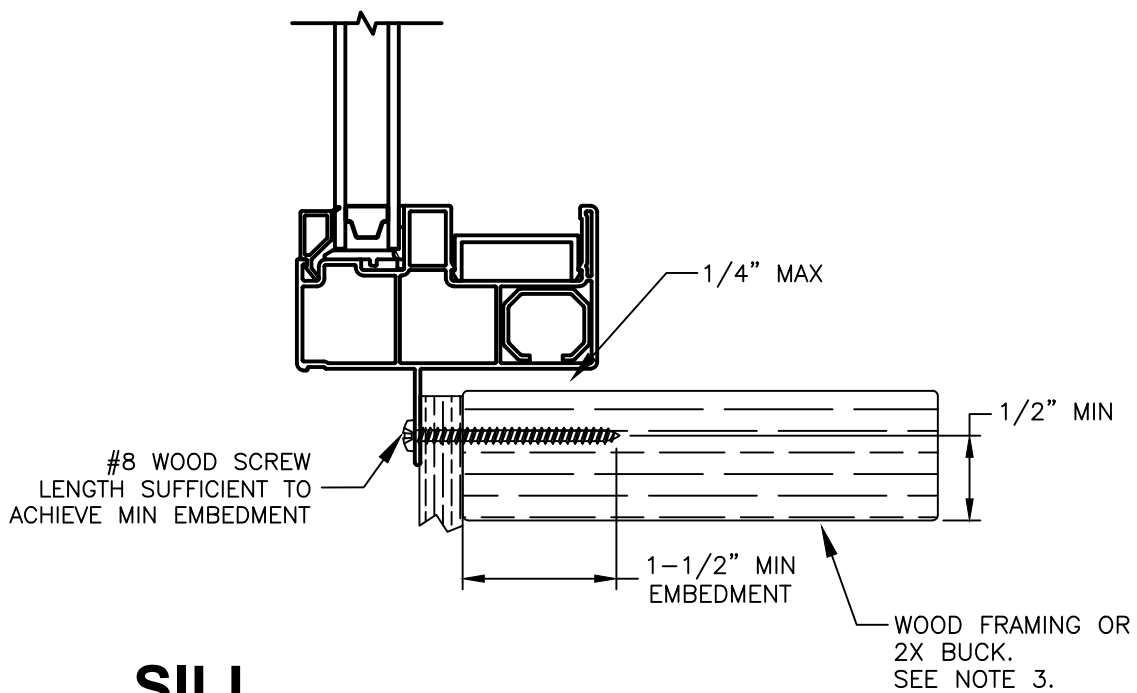


INTERIOR



EXTERIOR

JAMB



SILL

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

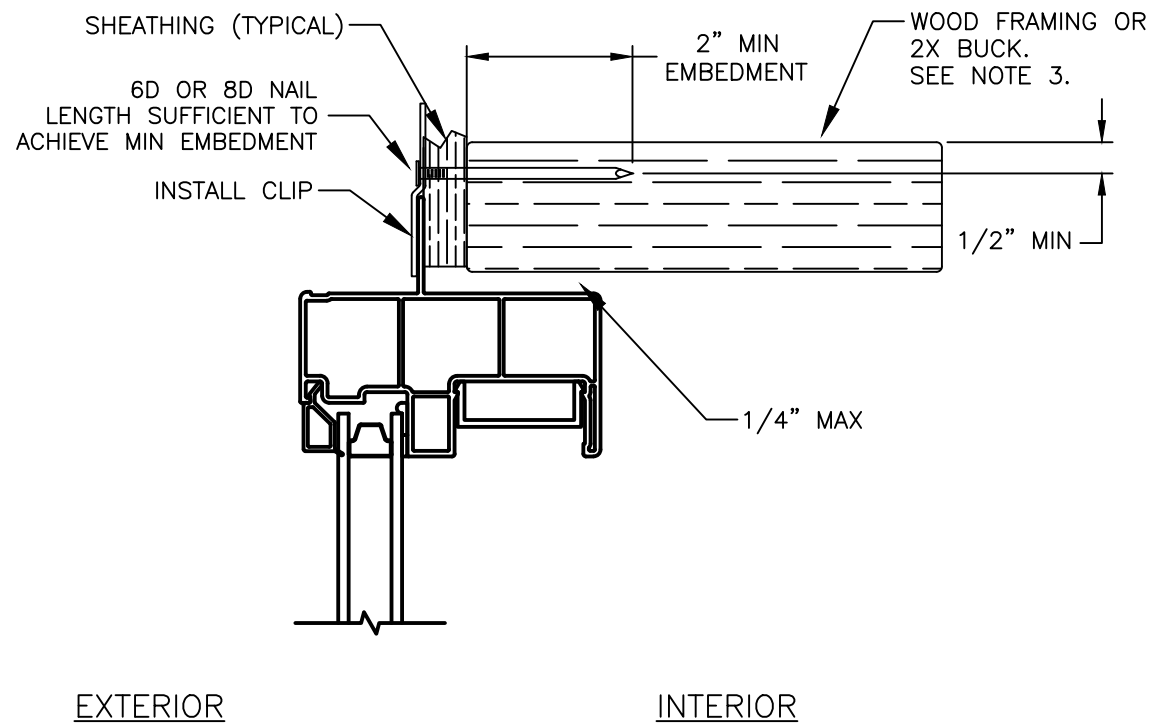


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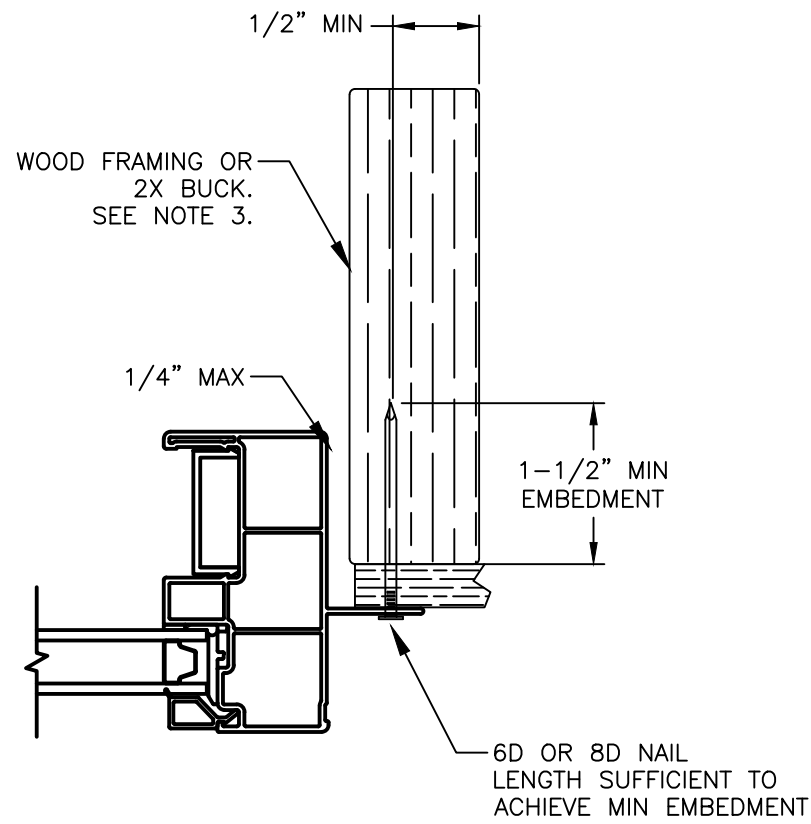
Michael D. Stremmel
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Endurance PW - non-Impact Fin Install to Wood	
VPI Quality Windows 3420 Ferry Ave. Spokane, WA 99202	
Drawing No.: 25164-1-1002 Project No.: 25164-1 Drawn By: MDS Rev: 2 Date: 10/16/23	
Scale: NTS	Sheet 4 of 8

HEAD

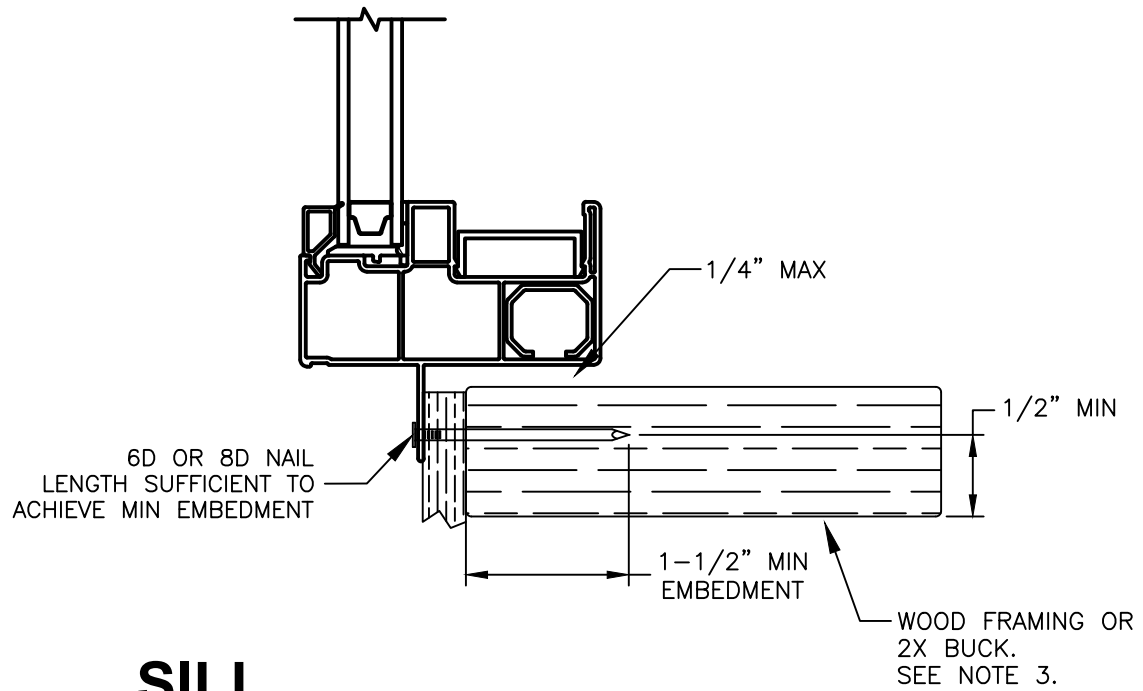


INTERIOR



EXTERIOR

JAMB



SILL

Note:
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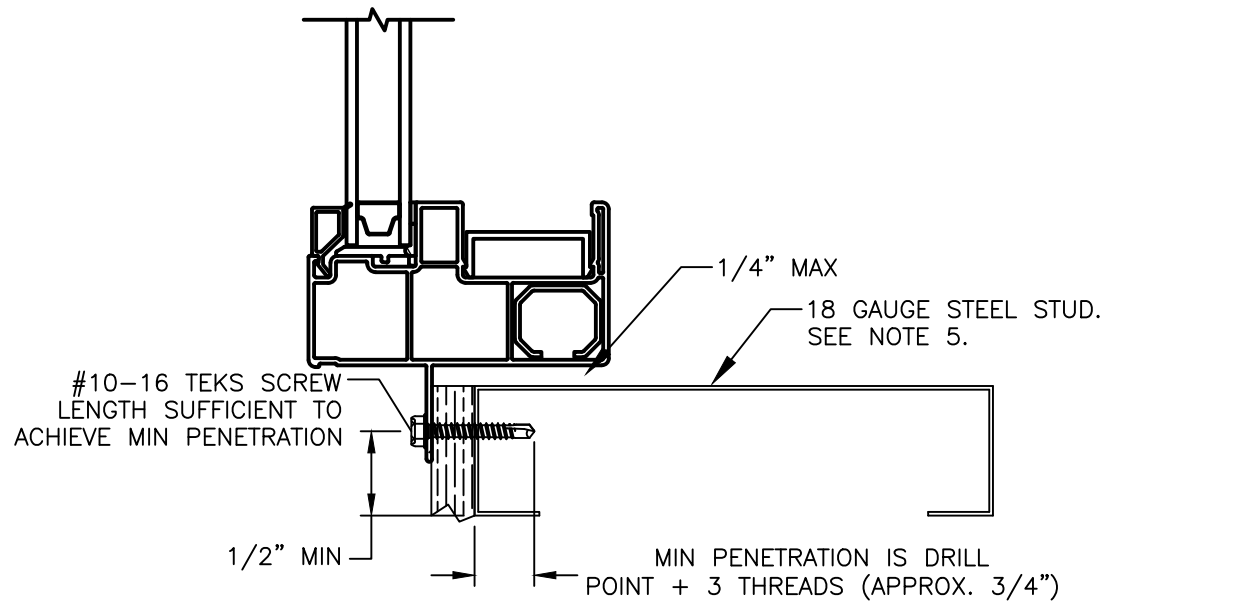
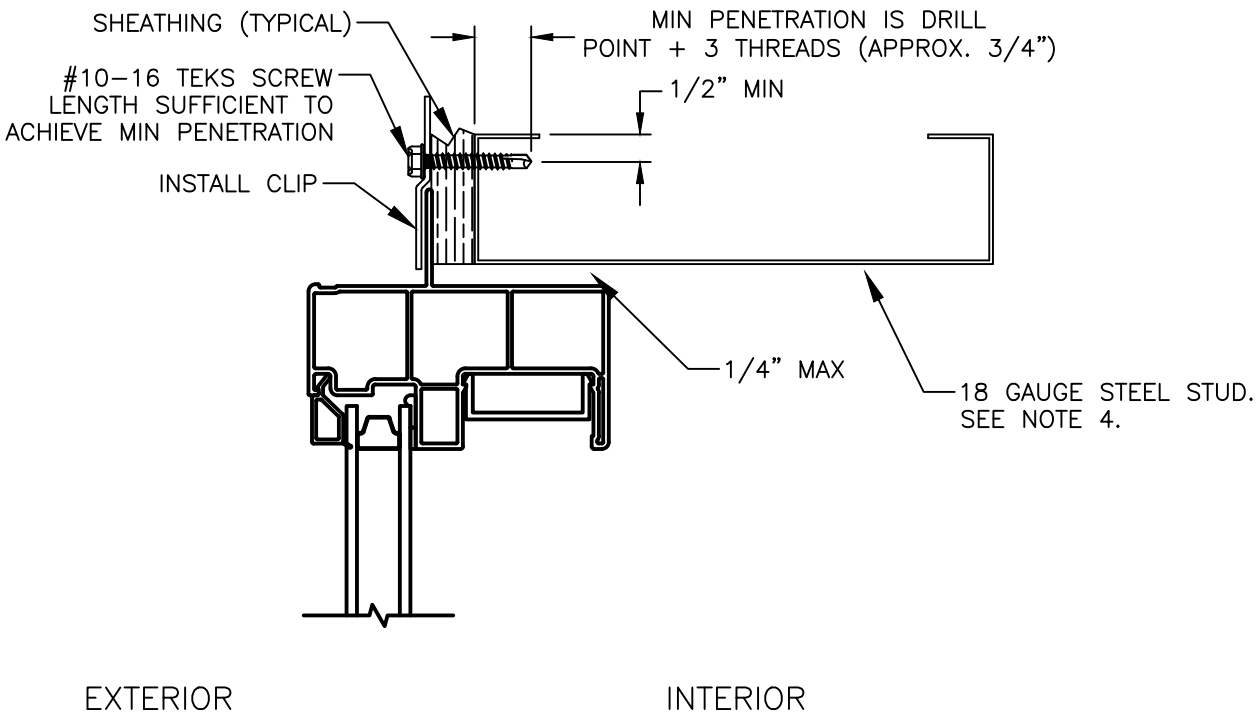


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Drawing No.: 25164-1-1002 Project No.: 25164-1 Drawn By: MDS Rev: 2 Date:10/16/23	
Scale: NTS	Sheet 5 of 8

HEAD

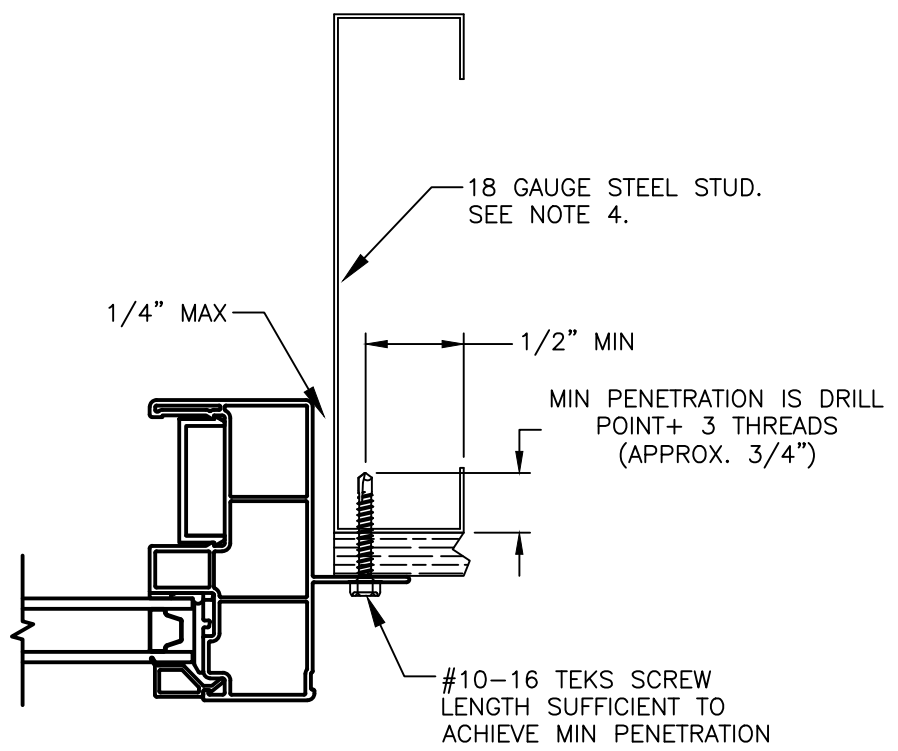


SILL

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

INTERIOR

EXTERIOR



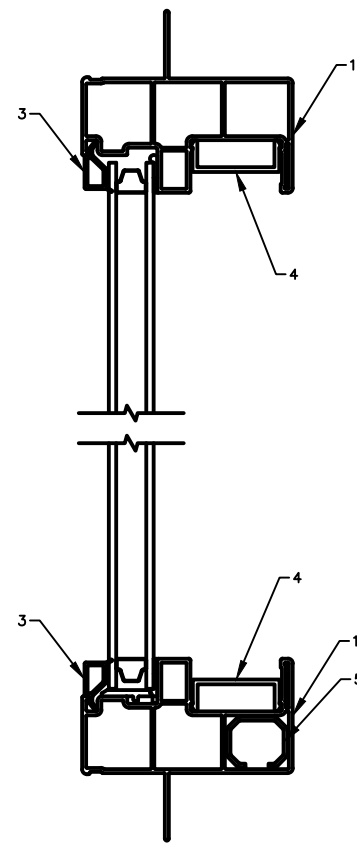
JAMB



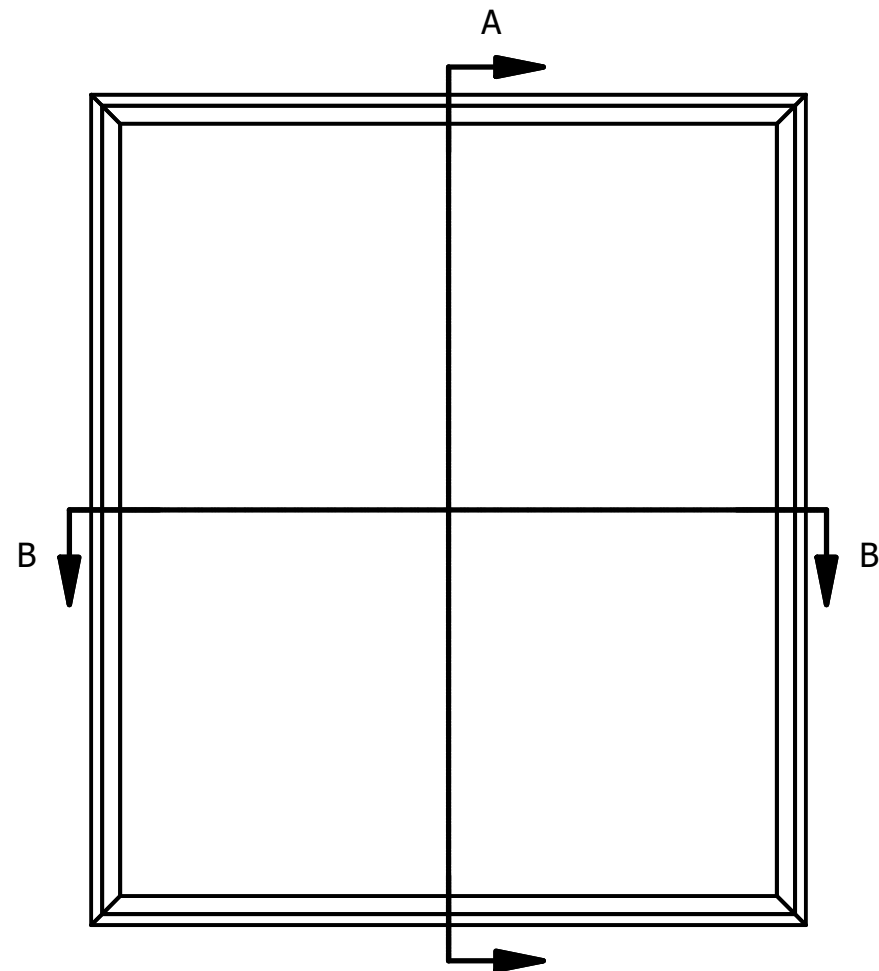
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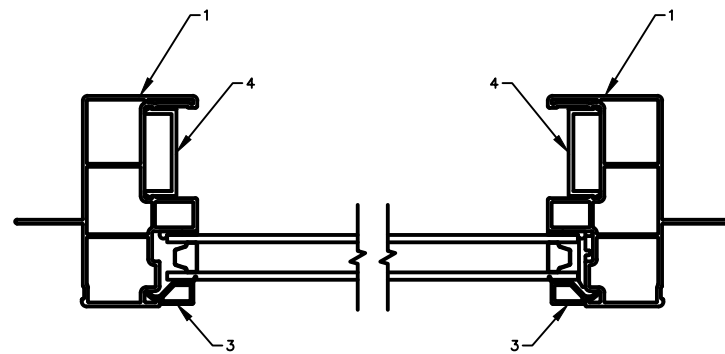
Endurance PW - non-Impact Fin Install to Steel Stud	
VPI Quality Windows 3420 Ferry Ave. Spokane, WA 99202	
Drawing No.: 25164-1-1002 Project No.: 25164-1 Drawn By: MDS Rev: 2 Date: 10/16/23	
Scale: NTS	Sheet 6 of 8



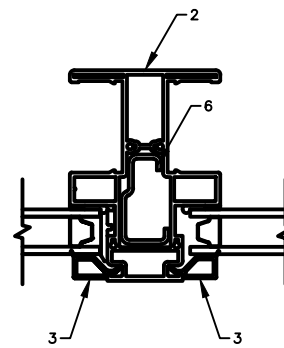
SECTION A-A



A
INTERIOR
SCALE 1 / 25

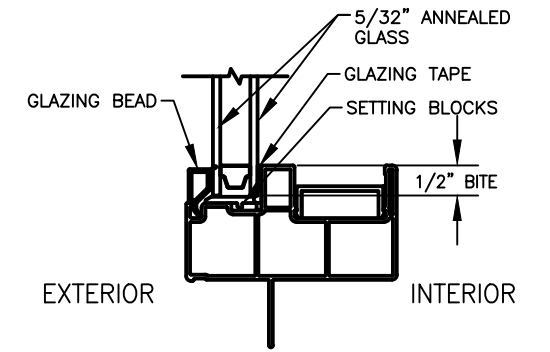


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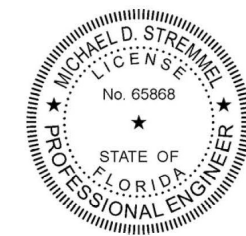


T-BAR DETAIL

BILL OF MATERIAL			
ITEM	DESCRIPTION	MATERIAL	PART NO.
1	MAIN FRAME	VINYL	8986
2	NARROW T-BAR	VINYL	6348
3	GLASS STOP	VINYL	10660
4	POCKET COVER	VINYL	6362
5	SILL REINFORCEMENT	STEEL	U-945080
6	NARROW T-BAR REINFORCEMENT	STEEL	U-1080
7	WEEP COVER	VINYL	
8	INSTALL CLIP	STEEL	



GLAZING DETAIL G1



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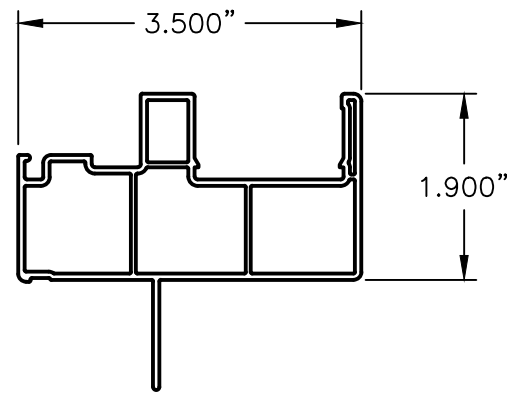
**Endurance PW - non-Impact
Sections and BOM**

VPI Quality Windows
3420 Ferry Ave.
Spokane, WA 99202

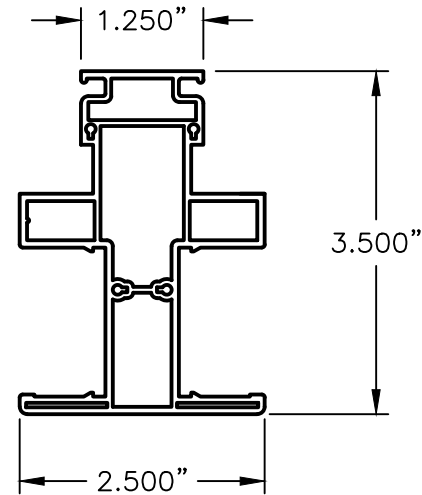
Drawing No.: 25164-1-1002
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Drawn By: MDS Rev: 2 Date: 10/16/23

Scale: NTS

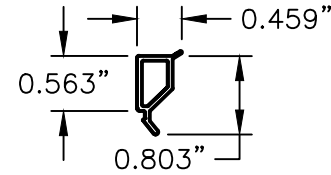
Sheet 7 of 8



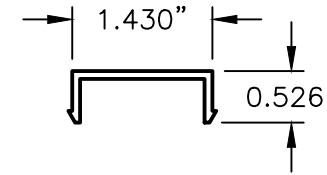
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(PART NO. 8986)



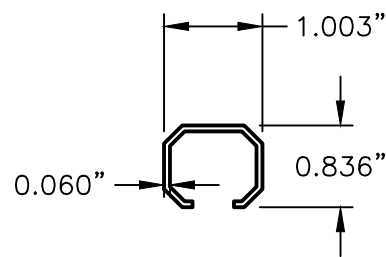
(2) NARROW T-BAR
(VINYL)
(PART NO. 6438)



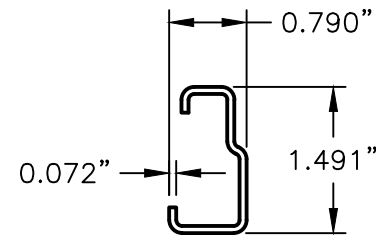
(3) GLASS STOP
(VINYL)
(PART NO. 10660)



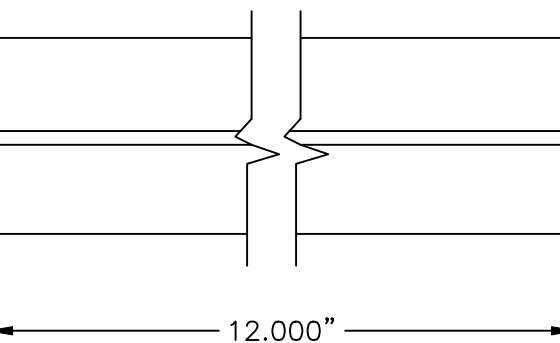
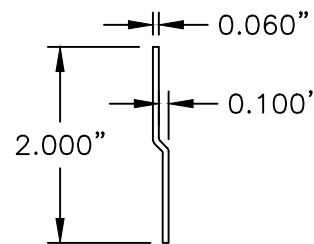
(4) POCKET COVER
(VINYL)
(PART NO. 6362)



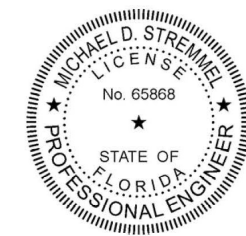
(5) SILL REINF.
(STEEL)
(PART NO. U-945080)



(6) T-BAR REINF.
(STEEL)
(PART NO. U-1080)



(8) INSTALL CLIP
(STEEL)



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Endurance PW - non-Impact Components

VPI Quality Windows

3420 Ferry Ave.
Spokane, WA 99202

Drawing No.: 25164-1-1002

Project No.: 25164-1

Drawn By: MDS Rev: 2 Date: 10/16/23

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Sheet 8 of 8