

Series 7500 - Window Wall Installation Manual



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GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC) **INCLUDING** HVHZ. ALL PRODUCTS UNDER THE SCOPE OF THIS DOCUMENT HAVE BEEN EVALUATED ACCORDING TO THE FOLLOWING:
- AAMA 501-15

• ANSI Z97.1-14

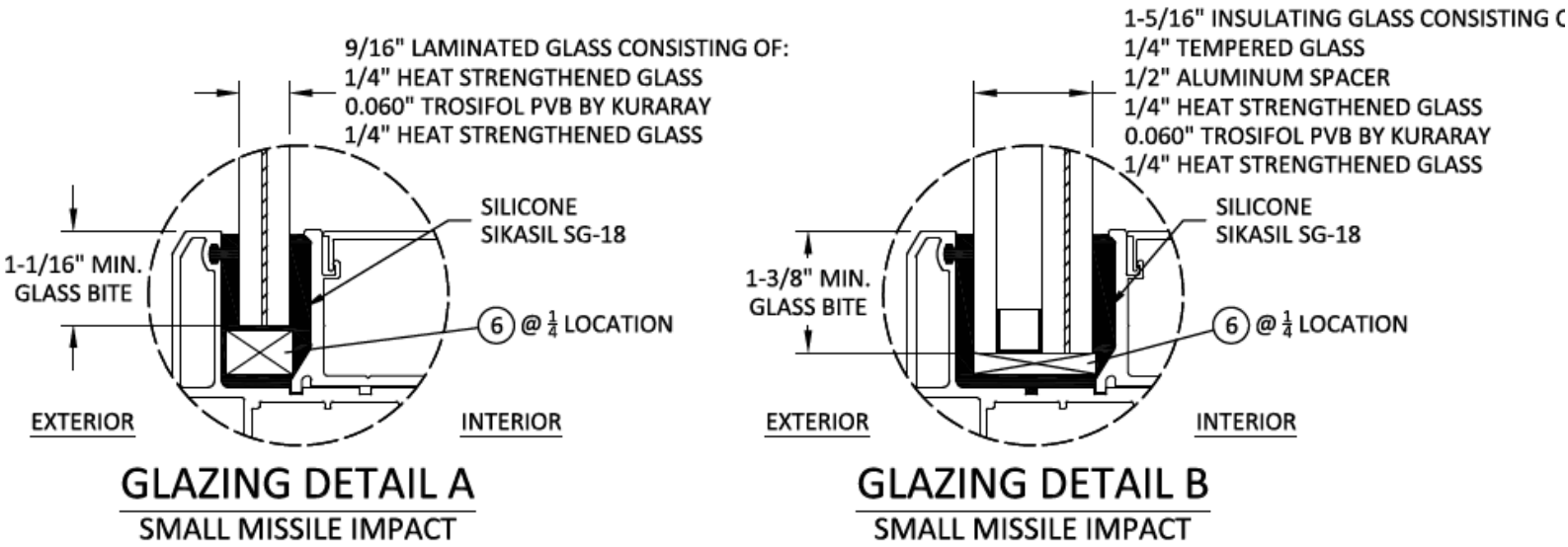
• TAS 201-94

• TAS 202-94

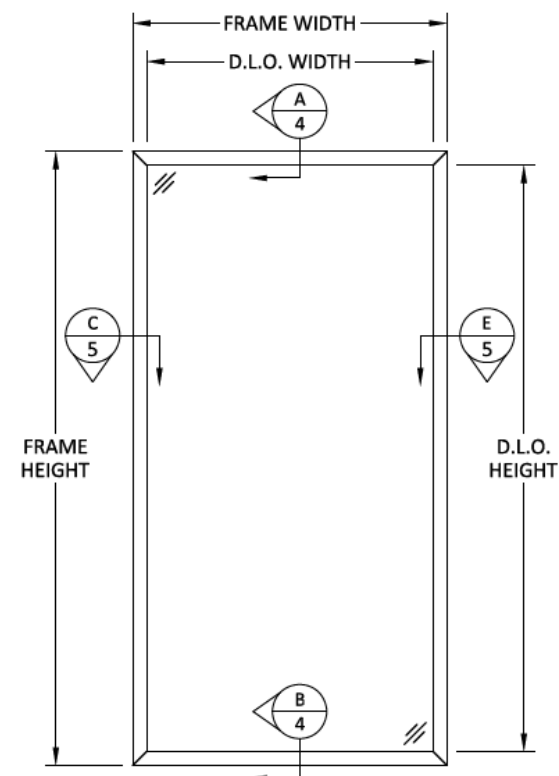
• TAS 203-94
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X WOOD AND METAL STUD FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. MATERIAL: ALUMINUM 6063-T5/6063-T6.
7. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.

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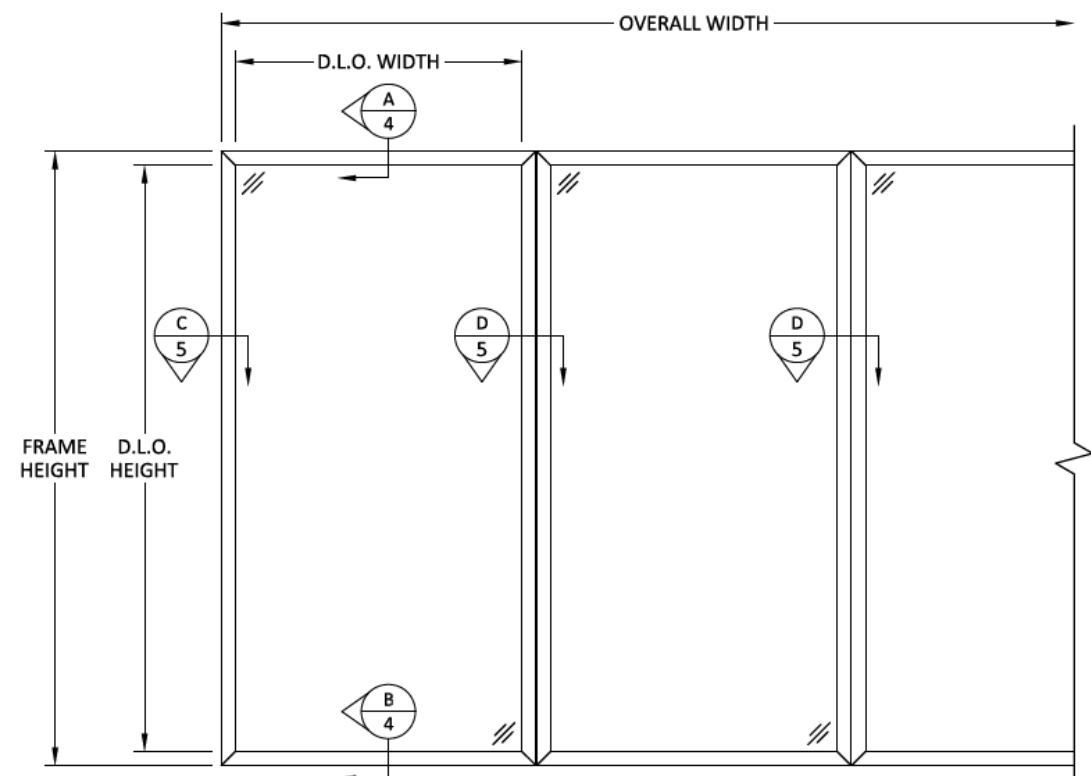
| DESIGN PRESSURE RATING | | |
|------------------------|-----------------|----------------------|
| FRAME SIZE | DESIGN PRESSURE | MISSILE RATING |
| SEE SHEET 2 | | SMALL MISSILE IMPACT |



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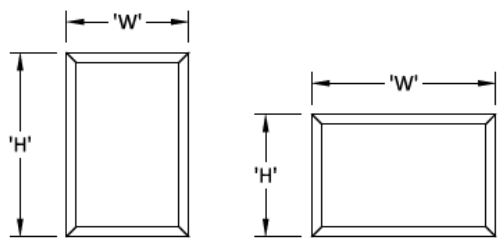


TYPICAL ELEVATION
SINGLE UNIT



TYPICAL ELEVATION
MULLER UNIT

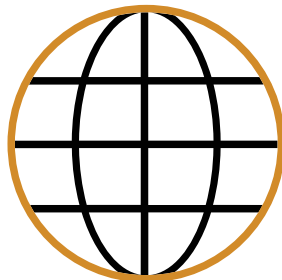
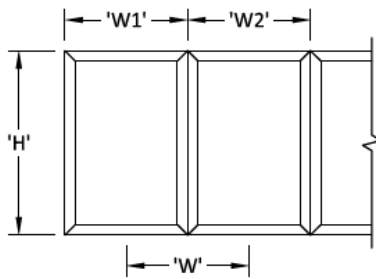
| DESIGN PRESSURE TABLE (+/- PSF) - SERIES 6000 ALUMINUM WINDOW WALL SYSTEM | | | | | | | | | | | | | |
|---|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| FRAME HEIGHT 'H' (IN.) | FRAME/TRIBUTARY WIDTH 'W' (IN.) | | | | | | | | | | | | |
| | 61.5 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 80 | 82 | 84 |
| 61.5 | 80.00 | 80.00 | 80.00 | 80.00 | 80.00 | 80.00 | 80.00 | 80.00 | 80.00 | 80.00 | 80.00 | 80.00 | 80.00 |
| 62 | 80.00 | 79.29 | 79.29 | 79.29 | 79.29 | 79.29 | 79.29 | 79.29 | 79.29 | 79.29 | 79.29 | 79.29 | 79.29 |
| 64 | 80.00 | 79.29 | 76.58 | 76.58 | 76.58 | 76.58 | 76.58 | 76.58 | 76.58 | 76.58 | 76.58 | 76.58 | 76.58 |
| 66 | 80.00 | 79.29 | 76.58 | 74.05 | 74.05 | 74.05 | 74.05 | 74.05 | 74.05 | 74.05 | 74.05 | 74.05 | 74.05 |
| 68 | 80.00 | 79.29 | 76.58 | 74.05 | 71.68 | 71.68 | 71.68 | 71.68 | 71.68 | 71.68 | 71.68 | 71.68 | 71.68 |
| 70 | 80.00 | 79.29 | 76.58 | 74.05 | 71.68 | 69.46 | 69.46 | 69.46 | 69.46 | 69.46 | 69.46 | 69.46 | 69.46 |
| 72 | 80.00 | 79.29 | 76.58 | 74.05 | 71.68 | 69.46 | 67.37 | 67.37 | 67.37 | 67.37 | 67.37 | 67.37 | 67.37 |
| 74 | 80.00 | 79.29 | 76.58 | 74.05 | 71.68 | 69.46 | 67.37 | 65.40 | 65.40 | 65.40 | 65.40 | 65.40 | 65.40 |
| 76 | 80.00 | 79.29 | 76.58 | 74.05 | 71.68 | 69.46 | 67.37 | 65.40 | 63.55 | 63.55 | 63.55 | 63.55 | 63.55 |
| 78 | 80.00 | 79.29 | 76.58 | 74.05 | 71.68 | 69.46 | 67.37 | 65.40 | 63.55 | 61.79 | 61.79 | 61.79 | 61.79 |
| 80 | 80.00 | 79.29 | 76.58 | 74.05 | 71.68 | 69.46 | 67.37 | 65.40 | 63.55 | 61.79 | 60.13 | 60.13 | 60.13 |
| 82 | 80.00 | 79.29 | 76.58 | 74.05 | 71.68 | 69.46 | 67.37 | 65.40 | 63.55 | 61.79 | 60.13 | 58.56 | 58.56 |
| 86 | 80.00 | 79.29 | 76.58 | 74.05 | 71.68 | 69.46 | 67.37 | 65.40 | 63.55 | 61.79 | 60.13 | 58.56 | 57.07 |
| 88 | 80.00 | 79.29 | 76.58 | 74.05 | 71.68 | 69.46 | 67.37 | 65.40 | 63.55 | 61.79 | 60.13 | 58.56 | - |
| 90 | 80.00 | 79.29 | 76.58 | 74.05 | 71.68 | 69.46 | 67.37 | 65.40 | 63.55 | 61.79 | 60.13 | - | - |
| 92 | 80.00 | 79.29 | 76.58 | 74.05 | 71.68 | 69.46 | 67.37 | 65.40 | 63.55 | 61.79 | - | - | - |
| 96 | 80.00 | 79.29 | 76.58 | 74.05 | 71.68 | 69.46 | 67.37 | 65.40 | 63.55 | - | - | - | - |
| 98 | 80.00 | 79.29 | 76.58 | 74.05 | 71.68 | 69.46 | 67.37 | 65.40 | - | - | - | - | - |
| 100 | 80.00 | 79.29 | 76.58 | 74.05 | 71.68 | 69.46 | 67.37 | - | - | - | - | - | - |
| 104 | 80.00 | 79.29 | 76.58 | 74.05 | 71.68 | 69.46 | - | - | - | - | - | - | - |
| 108 | 80.00 | 79.29 | 76.58 | 74.05 | 71.68 | - | - | - | - | - | - | - | - |
| 110 | 80.00 | 79.29 | 76.58 | 74.05 | - | - | - | - | - | - | - | - | - |
| 114 | 80.00 | 79.29 | 76.58 | - | - | - | - | - | - | - | - | - | - |
| 118 | 80.00 | 79.29 | - | - | - | - | - | - | - | - | - | - | - |
| 120 | 80.00 | - | - | - | - | - | - | - | - | - | - | - | - |



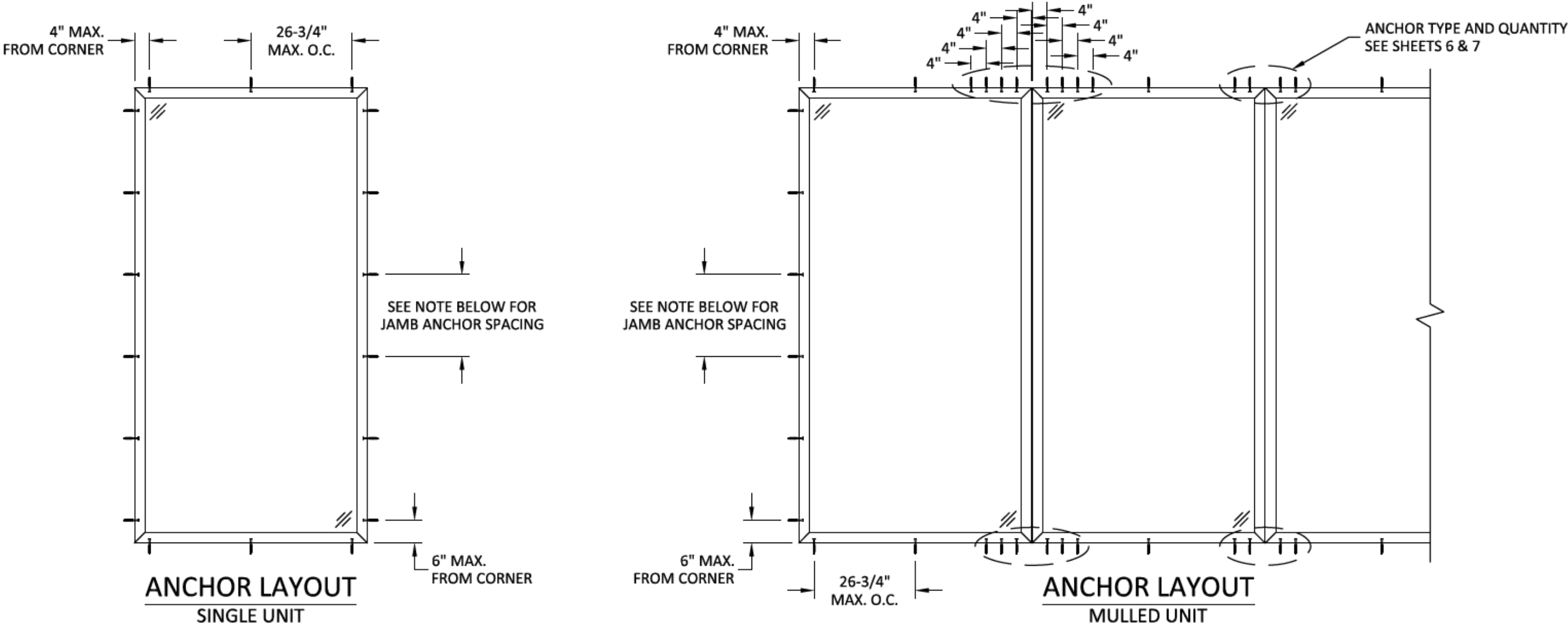
NOTES:
1. FOR SINGLE UNIT, THE WIDTH 'W' AND HEIGHT 'H' ARE INTERCHANGEABLE.

TRIBUTARY WIDTH 'W' = $\frac{W1 + W2}{2}$

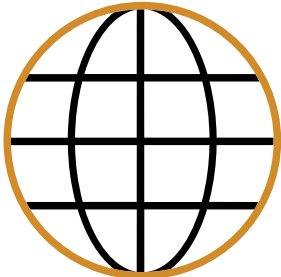
D.L.O. WIDTH = FRAME WIDTH - 5.5"
D.L.O. HEIGHT = FRAME HEIGHT - 5.5"



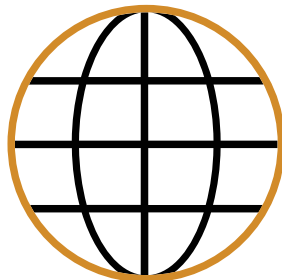
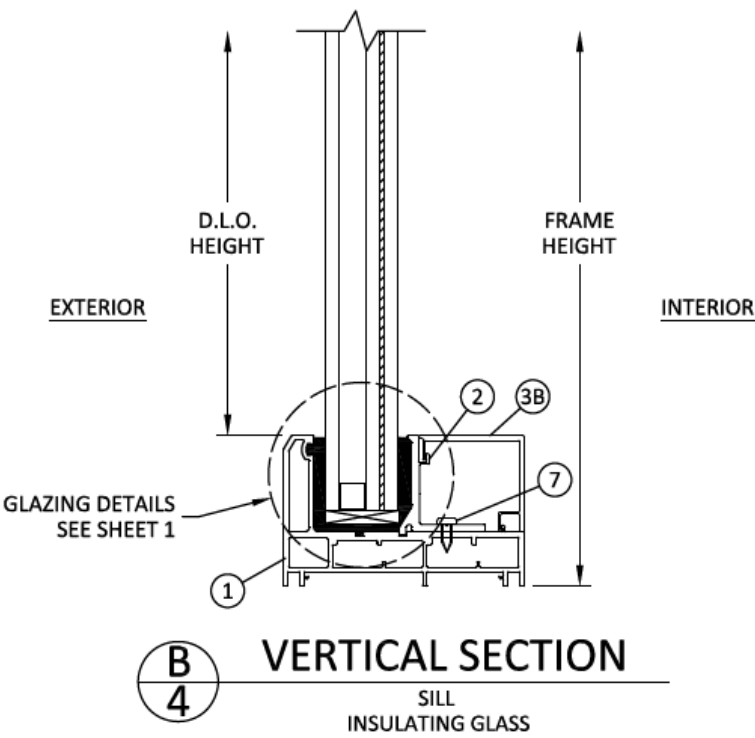
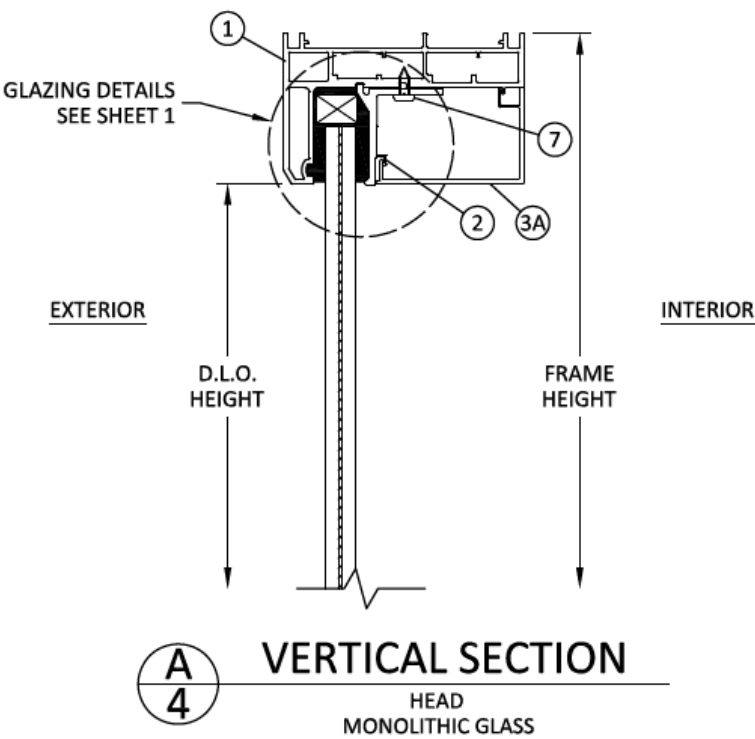
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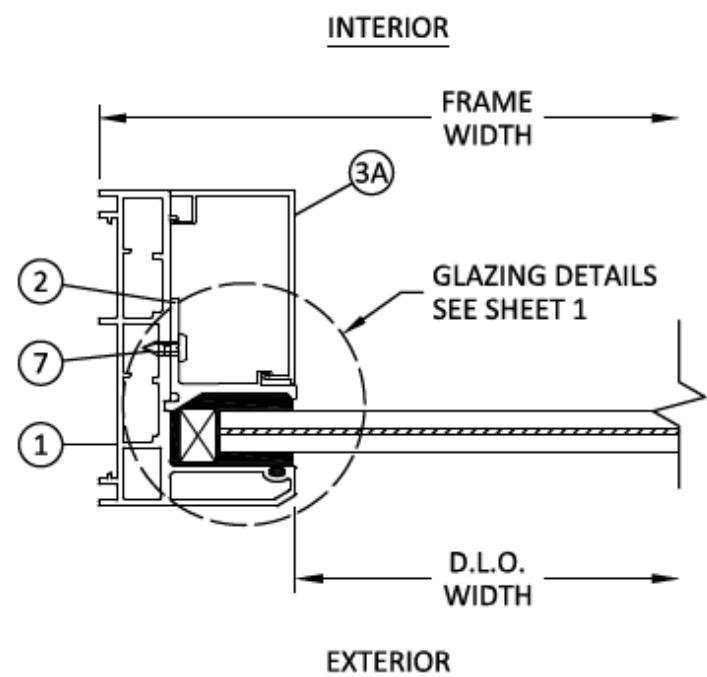
- JAMB ANCHOR SPACING:
- FOR ANCHOR TYPE A: 13-1/2" MAX. O.C.
 - FOR ANCHOR TYPE B: 18" MAX. O.C.
 - FOR ANCHOR TYPES C & D: 15-7/16" MAX. O.C.
 - FOR ANCHOR TYPES E & F: 21-5/8" MAX. O.C.
- SEE SHEET 6 FOR ANCHOR TYPES.



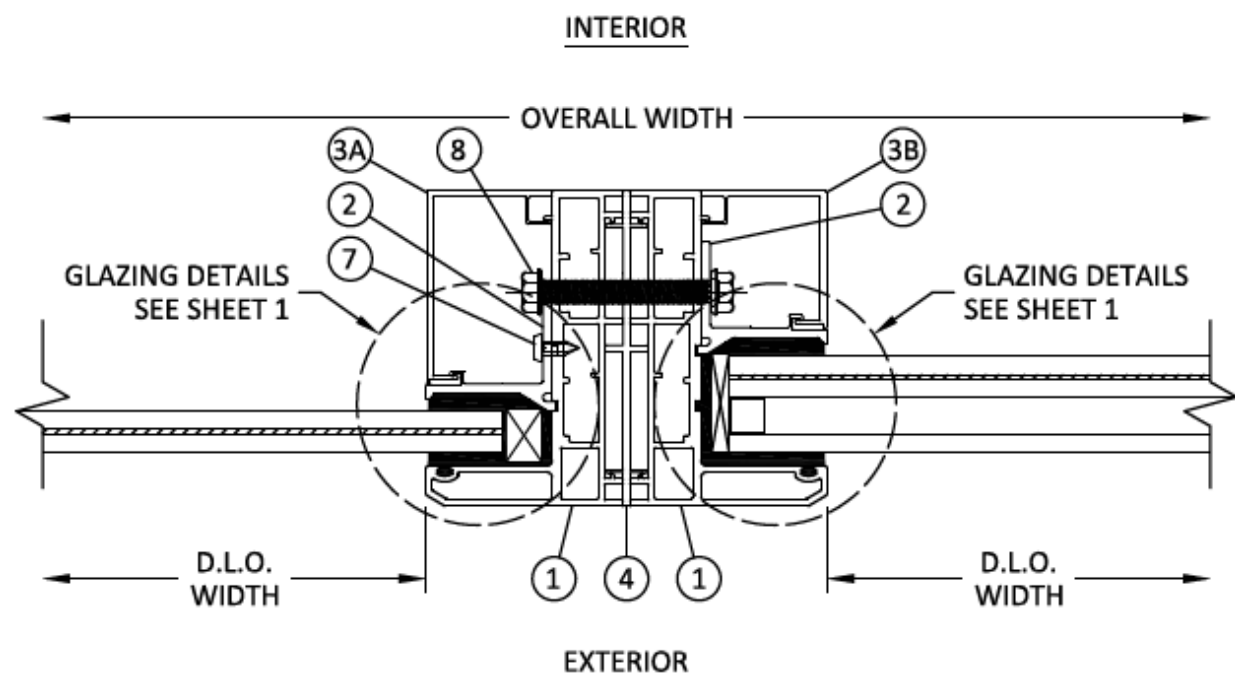
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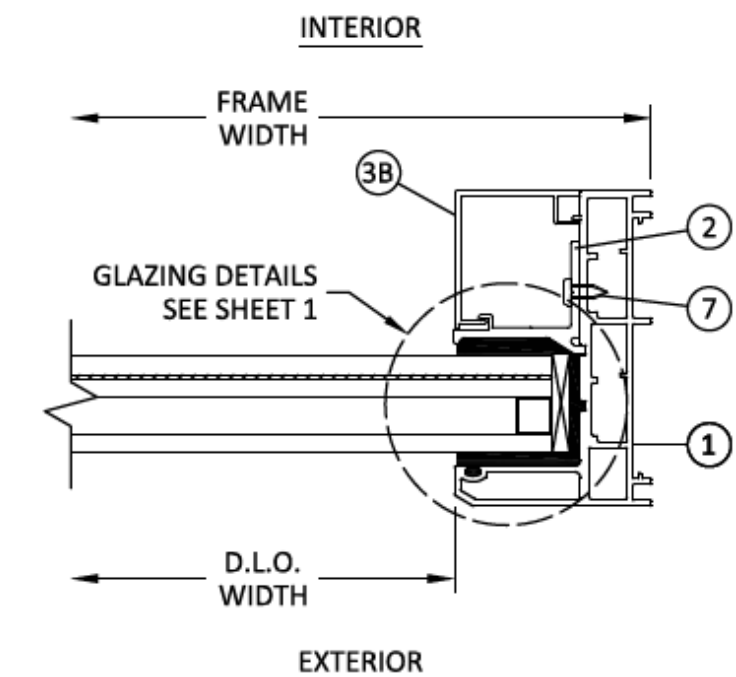
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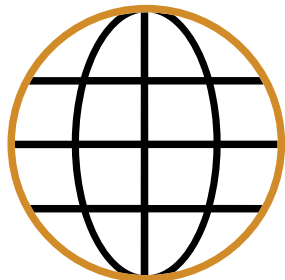
C
5 HORIZONTAL SECTION
JAMB
MONOLITHIC GLASS



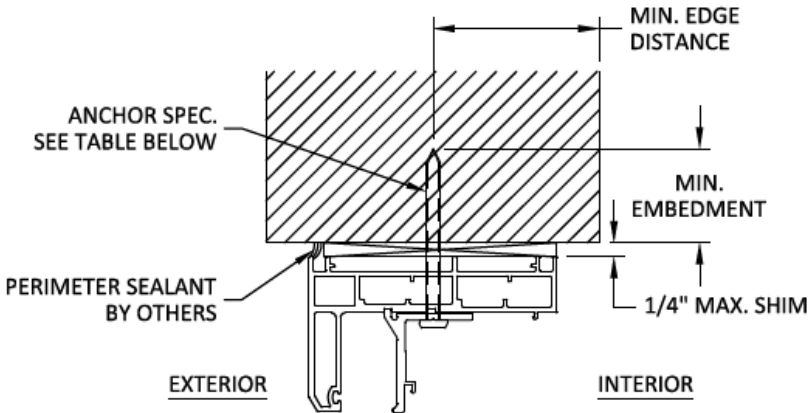
D
5 HORIZONTAL SECTION
MULLION



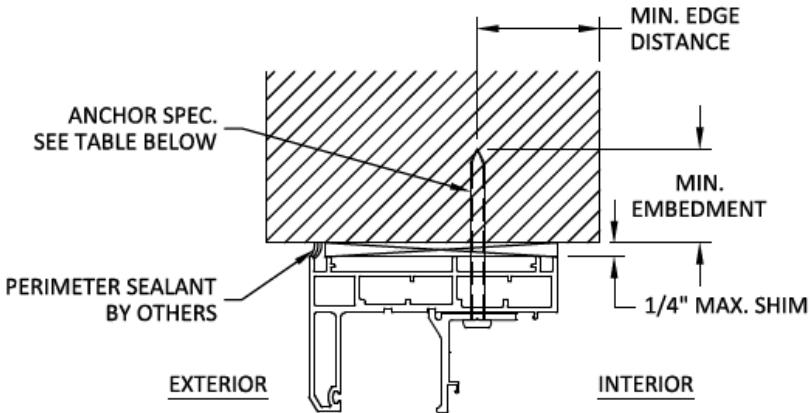
E
5 HORIZONTAL SECTION
JAMB
INSULATING GLASS



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F INSTALLATION DETAIL
MONOLITHIC GLASS
HEAD SHOWN, JAMB & SILL SIMILAR

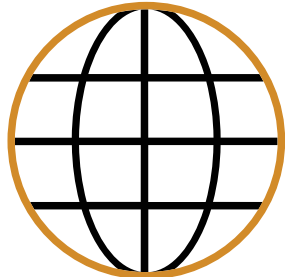


G INSTALLATION DETAIL
INSULATING GLASS
HEAD SHOWN, JAMB & SILL SIMILAR

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/4$ INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- FOR MASONRY OR CONCRETE OPENINGS, A 1X WOOD BUCK MAY BE USED (OPTIONAL) AS LONG AS THE MINIMUM EMBEDMENT AND EDGE DISTANCE REQUIREMENTS ARE STILL MET WITHIN THE CORRESPONDING HOST SUBSTRATE. SEE GENERAL NOTE #3 ON SHEET 1 FOR MORE INFORMATION.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.

| ANCHOR SCHEDULE | | | | |
|-----------------|--|---|------------------------|--------------------|
| TYPE | ANCHOR | SUBSTRATE | MIN. EMBEDMENT | MIN. EDGE DISTANCE |
| A | #14 WOOD SCREW | WOOD, MIN. S.G. = 0.55 | 1-1/2" | 1" |
| B | 1/4" GRADE 5 SELF-DRILLING/ SELF-TAPPING SCREW | STEEL, MIN. 16 GA. THICK, MIN. Fy = 33 KSI, OR ALUMINUM, MIN 1/8" THICK, MIN. 6063-T5 ALLOY | 3 THREADS BEYOND METAL | 3/4" |
| C | 1/4" ITW TAPCON | UNCRAKED CONCRETE, MIN. F'C = 3000 PSI | 1-1/2" | 1-3/4" |
| D | 1/4" ITW TAPCON | HOLLOW OR GROUT-FILLED CMU PER ASTM C90, MIN. 2000 PSI | 1" | 3-1/2" |
| E | 1/4" DEWALT ULTRA CON+ | UNCRAKED CONCRETE, MIN. F'C = 3000 PSI | 1" | 2-1/2" |
| F | 1/4" DEWALT ULTRA CON+ | HOLLOW OR GROUT-FILLED CMU PER ASTM C90, MIN. 2000 PSI | 1-3/4" | 2-1/2" |



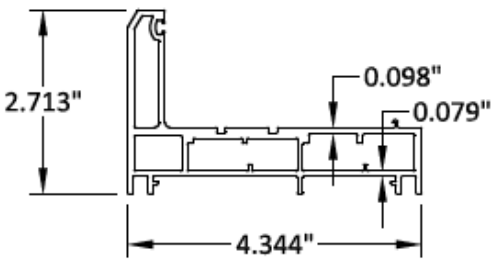
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| ANCHOR PRESSURE TABLE (+/- PSF) | | | | | | | | | | | | |
|---------------------------------|------------------------------|--------------|------|------|------|------|------|-------|------|------|-------|------|
| TRIBUTARY WIDTH 'W' (in.) | FRAME HEIGHT 'H' (in.) | ANCHOR TYPE* | | | | | | | | | | |
| | | A | | | B | | | C & D | | | E & F | |
| | | 4 | 6 | 8 | 4 | 6 | 8 | 4 | 6 | 8 | 4 | 6 |
| 61.5 | 72 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 66 | | 79.2 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 72 | | 78.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 78 | | 78.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 84 | | 78.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 90 | | 78.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 96 | | 78.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 102 | | 78.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 108 | | 78.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 114 | | 78.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 120 | | 78.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 61.5 | 74 | 76.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 66 | | 75.4 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 72 | | 74.5 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 78 | | 74.5 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 |
| 84 | | 74.5 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 |
| 90 | | 74.5 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 |
| 96 | | 74.5 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 |
| 98 | | 74.5 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 |
| 61.5 | | 73.3 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 78.7 | 80.0 | 80.0 | 80.0 | 80.0 |
| 66 | | 71.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 77.1 | 80.0 | 80.0 | 80.0 | 80.0 |
| 72 | 76 | 70.8 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 76.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 78 | | 70.6 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 75.8 | 80.0 | 80.0 | 80.0 | 80.0 |
| 84 | | 70.6 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 75.8 | 80.0 | 80.0 | 80.0 | 80.0 |
| 90 | | 70.6 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 75.8 | 80.0 | 80.0 | 80.0 | 80.0 |
| 96 | | 70.6 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 75.8 | 80.0 | 80.0 | 80.0 | 80.0 |
| 61.5 | 78 | 70.2 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 75.3 | 80.0 | 80.0 | 80.0 | 80.0 |
| 66 | | 68.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 73.7 | 80.0 | 80.0 | 80.0 | 80.0 |
| 72 | | 67.4 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 72.4 | 80.0 | 80.0 | 80.0 | 80.0 |
| 78 | | 67.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 72.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 84 | | 67.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 72.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 90 | | 67.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 72.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 92 | | 67.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 72.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 61.5 | 80 | 67.3 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 72.3 | 80.0 | 80.0 | 80.0 | 80.0 |
| 66 | | 65.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 70.6 | 80.0 | 80.0 | 80.0 | 80.0 |
| 72 | | 64.4 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 69.1 | 80.0 | 80.0 | 80.0 | 80.0 |
| 78 | | 63.8 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 68.4 | 80.0 | 80.0 | 80.0 | 80.0 |
| 84 | | 63.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 68.4 | 80.0 | 80.0 | 80.0 | 80.0 |
| 90 | 82 | 63.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 68.4 | 80.0 | 80.0 | 80.0 | 80.0 |
| 61.5 | | 64.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 69.4 | 80.0 | 80.0 | 80.0 | 80.0 |
| 66 | | 63.1 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 67.7 | 80.0 | 80.0 | 80.0 | 80.0 |
| 72 | | 61.6 | 80.0 | 80.0 | 79.3 | 80.0 | 80.0 | 66.1 | 80.0 | 80.0 | 80.0 | 80.0 |
| 78 | | 60.8 | 80.0 | 80.0 | 78.3 | 80.0 | 80.0 | 65.3 | 80.0 | 80.0 | 80.0 | 80.0 |
| 84 | 84 | 60.7 | 80.0 | 80.0 | 78.2 | 80.0 | 80.0 | 65.1 | 80.0 | 80.0 | 80.0 | 80.0 |
| 88 | | 60.7 | 80.0 | 80.0 | 78.2 | 80.0 | 80.0 | 65.1 | 80.0 | 80.0 | 80.0 | 80.0 |
| 61.5 | | 62.3 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 66.8 | 80.0 | 80.0 | 80.0 | 80.0 |
| 66 | | 60.6 | 80.0 | 80.0 | 78.1 | 80.0 | 80.0 | 65.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 72 | | 59.0 | 80.0 | 80.0 | 76.0 | 80.0 | 80.0 | 63.3 | 80.0 | 80.0 | 80.0 | 80.0 |
| 78 | 86 | 58.1 | 80.0 | 80.0 | 74.9 | 80.0 | 80.0 | 62.4 | 80.0 | 80.0 | 80.0 | 80.0 |
| 84 | | 57.8 | 80.0 | 80.0 | 74.5 | 80.0 | 80.0 | 62.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 86 | | 57.8 | 80.0 | 80.0 | 74.5 | 80.0 | 80.0 | 62.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 61.5 | | 60.0 | 80.0 | 80.0 | 77.3 | 80.0 | 80.0 | 64.4 | 80.0 | 80.0 | 80.0 | 80.0 |
| 66 | | 58.3 | 80.0 | 80.0 | 75.1 | 80.0 | 80.0 | 62.6 | 80.0 | 80.0 | 80.0 | 80.0 |
| 72 | 86 | 56.6 | 80.0 | 80.0 | 73.0 | 80.0 | 80.0 | 60.8 | 80.0 | 80.0 | 80.0 | 80.0 |
| 78 | | 55.6 | 80.0 | 80.0 | 71.7 | 80.0 | 80.0 | 59.7 | 80.0 | 80.0 | 80.0 | 80.0 |
| 84 | | 55.2 | 80.0 | 80.0 | 71.1 | 80.0 | 80.0 | 59.2 | 80.0 | 80.0 | 80.0 | 80.0 |

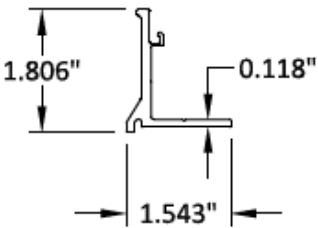
| ANCHOR PRESSURE TABLE (+/- PSF) | | | | | | | | | | | | |
|---------------------------------|------------------------------|--------------|------|------|------|------|------|-------|------|------|-------|------|
| TRIBUTARY WIDTH 'W' (in.) | FRAME HEIGHT 'H' (in.) | ANCHOR TYPE* | | | | | | | | | | |
| | | A | | | B | | | C & D | | | E & F | |
| | | 4 | 6 | 8 | 4 | 6 | 8 | 4 | 6 | 8 | 4 | 6 |
| 61.5 | 88 | 57.9 | 80.0 | 80.0 | 74.6 | 80.0 | 80.0 | 62.2 | 80.0 | 80.0 | 80.0 | 80.0 |
| 66 | | 56.2 | 80.0 | 80.0 | 72.4 | 80.0 | 80.0 | 60.3 | 80.0 | 80.0 | 80.0 | 80.0 |
| 72 | | 54.5 | 80.0 | 80.0 | 70.2 | 80.0 | 80.0 | 58.5 | 80.0 | 80.0 | 80.0 | 80.0 |
| 78 | | 53.4 | 80.0 | 80.0 | 68.8 | 80.0 | 80.0 | 57.3 | 80.0 | 80.0 | 80.0 | 80.0 |
| 82 | | 52.9 | 79.4 | 80.0 | 68.2 | 80.0 | 80.0 | 56.8 | 80.0 | 80.0 | 80.0 | 80.0 |
| 61.5 | 90 | 56.0 | 80.0 | 80.0 | 72.1 | 80.0 | 80.0 | 60.1 | 80.0 | 80.0 | 80.0 | 80.0 |
| 66 | | 54.2 | 80.0 | 80.0 | 69.8 | 80.0 | 80.0 | 58.2 | 80.0 | 80.0 | 80.0 | 80.0 |
| 72 | | 52.5 | 78.7 | 80.0 | 67.6 | 80.0 | 80.0 | 56.3 | 80.0 | 80.0 | 80.0 | 80.0 |
| 78 | | 51.3 | 76.9 | 80.0 | 66.1 | 80.0 | 80.0 | 55.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 80 | | 51.0 | 76.5 | 80.0 | 65.7 | 80.0 | 80.0 | 54.7 | 80.0 | 80.0 | 80.0 | 80.0 |
| 61.5 | 92 | 54.1 | 80.0 | 80.0 | 69.8 | 80.0 | 80.0 | 58.1 | 80.0 | 80.0 | 80.0 | 80.0 |
| 66 | | 52.4 | 78.6 | 80.0 | 67.5 | 80.0 | 80.0 | 56.2 | 80.0 | 80.0 | 80.0 | 80.0 |
| 72 | | 50.6 | 75.9 | 80.0 | 65.2 | 80.0 | 80.0 | 54.3 | 80.0 | 80.0 | 80.0 | 80.0 |
| 78 | | 49.3 | 74.0 | 80.0 | 63.6 | 80.0 | 80.0 | 52.9 | 79.4 | 80.0 | 80.0 | 80.0 |
| 61.5 | | 52.4 | 78.6 | 80.0 | 67.6 | 80.0 | 80.0 | 56.3 | 80.0 | 80.0 | 80.0 | 80.0 |
| 66 | 94 | 50.7 | 76.0 | 80.0 | 65.3 | 80.0 | 80.0 | 54.4 | 80.0 | 80.0 | 80.0 | 80.0 |
| 72 | | 48.8 | 73.3 | 80.0 | 62.9 | 80.0 | 80.0 | 52.4 | 78.6 | 80.0 | 80.0 | 80.0 |
| 76 | | 47.9 | 71.9 | 80.0 | 61.7 | 80.0 | 80.0 | 51.4 | 77.1 | 80.0 | 78.5 | 80.0 |
| 61.5 | | 50.8 | 76.2 | 80.0 | 65.5 | 80.0 | 80.0 | 54.5 | 80.0 | 80.0 | 80.0 | 80.0 |
| 66 | | 49.0 | 73.6 | 80.0 | 63.2 | 80.0 | 80.0 | 52.6 | 79.0 | 80.0 | 80.0 | 80.0 |
| 72 | 96 | 47.2 | 70.8 | 80.0 | 60.8 | 80.0 | 80.0 | 50.7 | 76.0 | 80.0 | 77.3 | 80.0 |
| 76 | | 46.3 | 69.4 | 80.0 | 59.6 | 80.0 | 80.0 | 49.7 | 74.5 | 80.0 | 75.8 | 80.0 |
| 61.5 | | 49.3 | 74.0 | 80.0 | 63.5 | 80.0 | 80.0 | 52.9 | 79.4 | 80.0 | 80.0 | 80.0 |
| 66 | | 47.5 | 71.3 | 80.0 | 61.3 | 80.0 | 80.0 | 51.0 | 76.5 | 80.0 | 77.9 | 80.0 |
| 72 | | 45.7 | 68.5 | 80.0 | 58.9 | 80.0 | 80.0 | 49.0 | 73.5 | 80.0 | 74.8 | 80.0 |
| 74 | 98 | 45.2 | 67.8 | 80.0 | 58.2 | 80.0 | 80.0 | 48.5 | 72.7 | 80.0 | 74.0 | 80.0 |
| 61.5 | | 47.9 | 71.8 | 80.0 | 61.7 | 80.0 | 80.0 | 51.4 | 77.1 | 80.0 | 78.4 | 80.0 |
| 66 | | 46.1 | 69.2 | 80.0 | 59.4 | 80.0 | 80.0 | 49.5 | 74.2 | 80.0 | 75.5 | 80.0 |
| 72 | | 44.3 | 66.4 | 80.0 | 57.0 | 80.0 | 80.0 | 47.5 | 71.3 | 80.0 | 72.5 | 80.0 |
| 76 | | 46.5 | 69.8 | 80.0 | 60.0 | 80.0 | 80.0 | 50.0 | 74.9 | 80.0 | 76.2 | 80.0 |
| 61.5 | 100 | 44.8 | 67.2 | 80.0 | 57.7 | 80.0 | 80.0 | 48.1 | 72.1 | 80.0 | 73.4 | 80.0 |
| 66 | | 43.5 | 65.2 | 80.0 | 56.0 | 80.0 | 80.0 | 46.7 | 70.0 | 80.0 | 71.2 | 80.0 |
| 72 | | 45.3 | 67.9 | 80.0 | 58.3 | 80.0 | 80.0 | 48.6 | 72.9 | 80.0 | 74.2 | 80.0 |
| 76 | | 43.5 | 65.3 | 80.0 | 56.1 | 80.0 | 80.0 | 46.7 | 70.1 | 80.0 | 71.3 | 80.0 |
| 78 | | 42.2 | 63.3 | 80.0 | 54.4 | 80.0 | 80.0 | 45.3 | 68.0 | 80.0 | 69.2 | 80.0 |
| 61.5 | 102 | 44.1 | 66.1 | 80.0 | 56.8 | 80.0 | 80.0 | 47.3 | 70.9 | 80.0 | 72.2 | 80.0 |
| 66 | | 42.3 | 63.5 | 80.0 | 54.5 | 80.0 | 80.0 | 45.4 | 68.1 | 80.0 | 69.3 | 80.0 |
| 68 | | 41.7 | 62.5 | 80.0 | 53.7 | 80.0 | 80.0 | 44.7 | 67.1 | 80.0 | 68.2 | 80.0 |
| 61.5 | | 42.9 | 64.4 | 80.0 | 55.3 | 80.0 | 80.0 | 46.1 | 69.1 | 80.0 | 70.3 | 80.0 |
| 66 | | 41.2 | 61.8 | 80.0 | 53.1 | 79.6 | 80.0 | 44.2 | 66.3 | 80.0 | 67.5 | 80.0 |
| 68 | 108 | 40.5 | 60.8 | 80.0 | 52.2 | 78.3 | 80.0 | 43.5 | 65.2 | 80.0 | 66.4 | 80.0 |
| 61.5 | | 41.8 | 62.8 | 80.0 | 53.9 | 80.0 | 80.0 | 44.9 | 67.4 | 80.0 | 68.5 | 80.0 |
| 66 | | 40.1 | 60.2 | 80.0 | 51.7 | 77.6 | 80.0 | 43.1 | 64.6 | 80.0 | 65.7 | 80.0 |
| 61.5 | | 40.8 | 61.2 | 80.0 | 52.6 | 78.9 | 80.0 | 43.8 | 65.7 | 80.0 | 66.9 | 80.0 |
| 64 | | 39.8 | 59.7 | 79.7 | 51.3 | 77.0 | 80.0 | 42.8 | 64.1 | 80.0 | 65.3 | 80.0 |
| 61.5 | 114 | 39.8 | 59.7 | 79.7 | 51.3 | 77.0 | 80.0 | 42.8 | 64.1 | 80.0 | 65.3 | 80.0 |
| 64 | | 38.9 | 58.3 | 77.7 | 50.1 | 75.1 | 80.0 | 41.7 | 62.6 | 80.0 | 63.7 | 80.0 |
| 61.5 | | 38.9 | 58.3 | 77.8 | 50.1 | 75.2 | 80.0 | 41.7 | 62.6 | 80.0 | 63.7 | 80.0 |
| 62 | | 38.7 | 58.0 | 77.4 | 49.9 | 74.8 | 80.0 | 41.5 | 62.3 | 80.0 | 63.4 | 80.0 |
| 61.5 | | 38.0 | 57.0 | 76.0 | 49.0 | 73.5 | 80.0 | 40.8 | 61.2 | 80.0 | 62.3 | 80.0 |
| 62 | 118 | 37.8 | 56.7 | 75.6 | 48.7 | 73.1 | 80.0 | 40.6 | 60.9 | 80.0 | 61.9 | 80.0 |
| 61.5 | | 37.2 | 55.7 | 74.3 | 47.9 | 71.8 | 80.0 | 39.9 | 59.8 | 79.8 | 60.9 | 80.0 |

Series 7500 - Window Wall Installation Manual

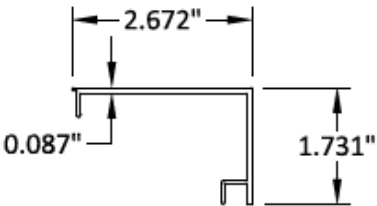
| BILL OF MATERIALS | | |
|-------------------|--|---------------------------------|
| ITEM | DESCRIPTION | MATERIAL |
| 1 | FRAME HEAD/JAMB/SILL | ALUMINUM 6063-T6 |
| 2 | GLASS STOP | ALUMINUM 6063-T5 |
| 3A | FRAME COVER (MONOLITHIC GLASS) | ALUMINUM 6063-T5 |
| 3B | FRAME COVER (INSULATING GLASS) | ALUMINUM 6063-T5 |
| 4 | MULLION | ALUMINUM 6063-T6 |
| 5 | CORNER KEY | - |
| 6 | SETTING BLOCK | EPDM, DUROMETER 80±5 SHORE A |
| 7 | #10 X 1/2" PH SDS, 6" FROM ENDS, 21-1/4" O.C. | STAINLESS STEEL |
| 8 | 1/4"-20 X 2-1/2" HEX HEAD BOLT W/ NUTS AND WASHER, 6" FROM ENDS, 21-1/4" O.C. | STEEL |



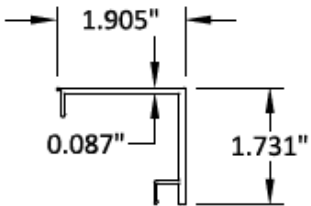
① FRAME HEAD/JAMB/SILL



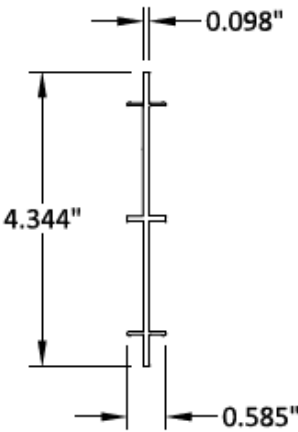
② GLASS STOP



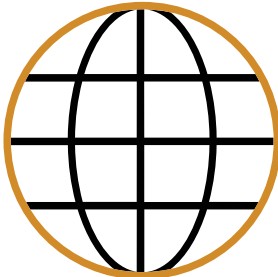
③A FRAME COVER (MONO.)



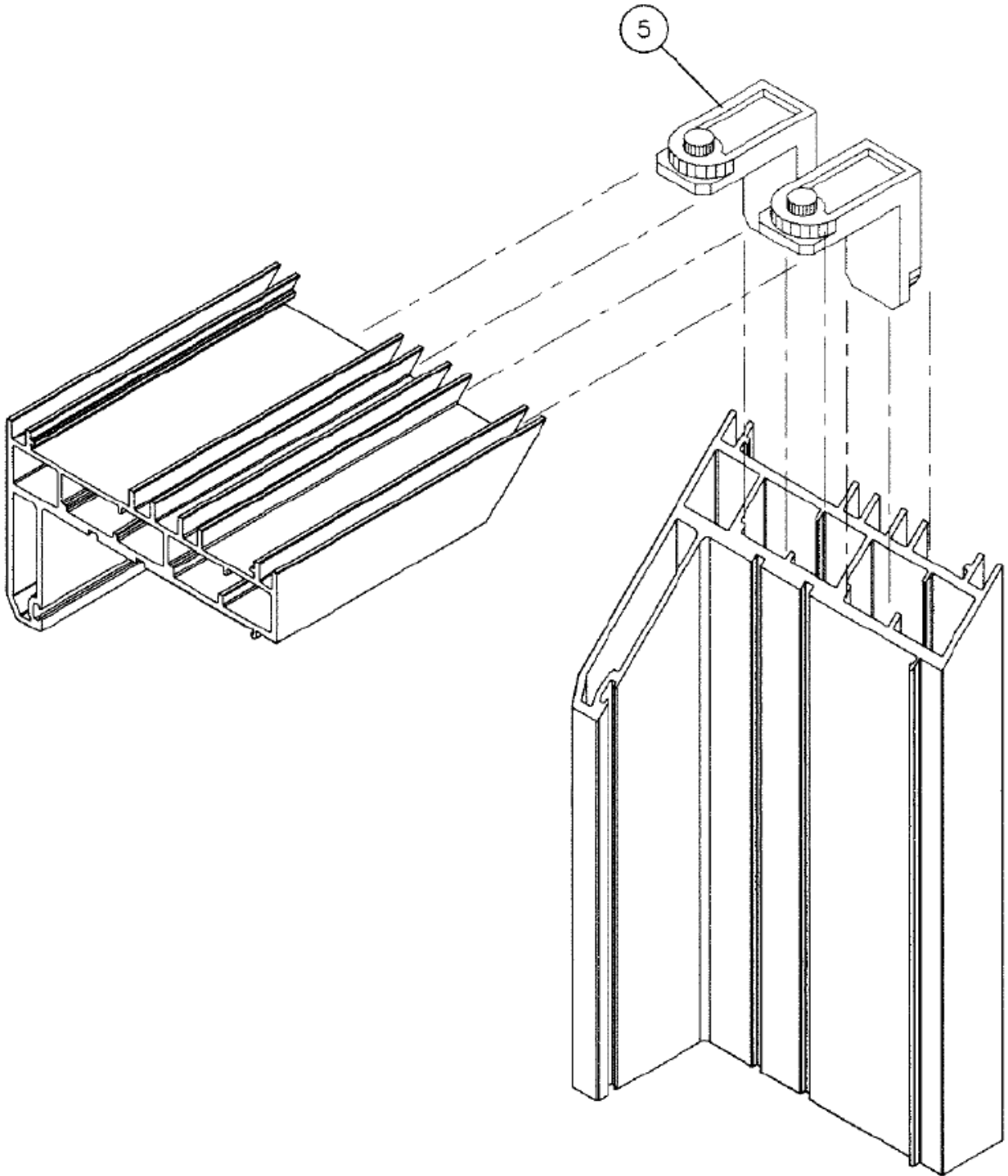
③B FRAME COVER (INSUL.)



④ MULLION



Series 7500 - Window Wall Installation Manual



FRAME CORNER DETAIL

