

REGENCY PLUS, INC.

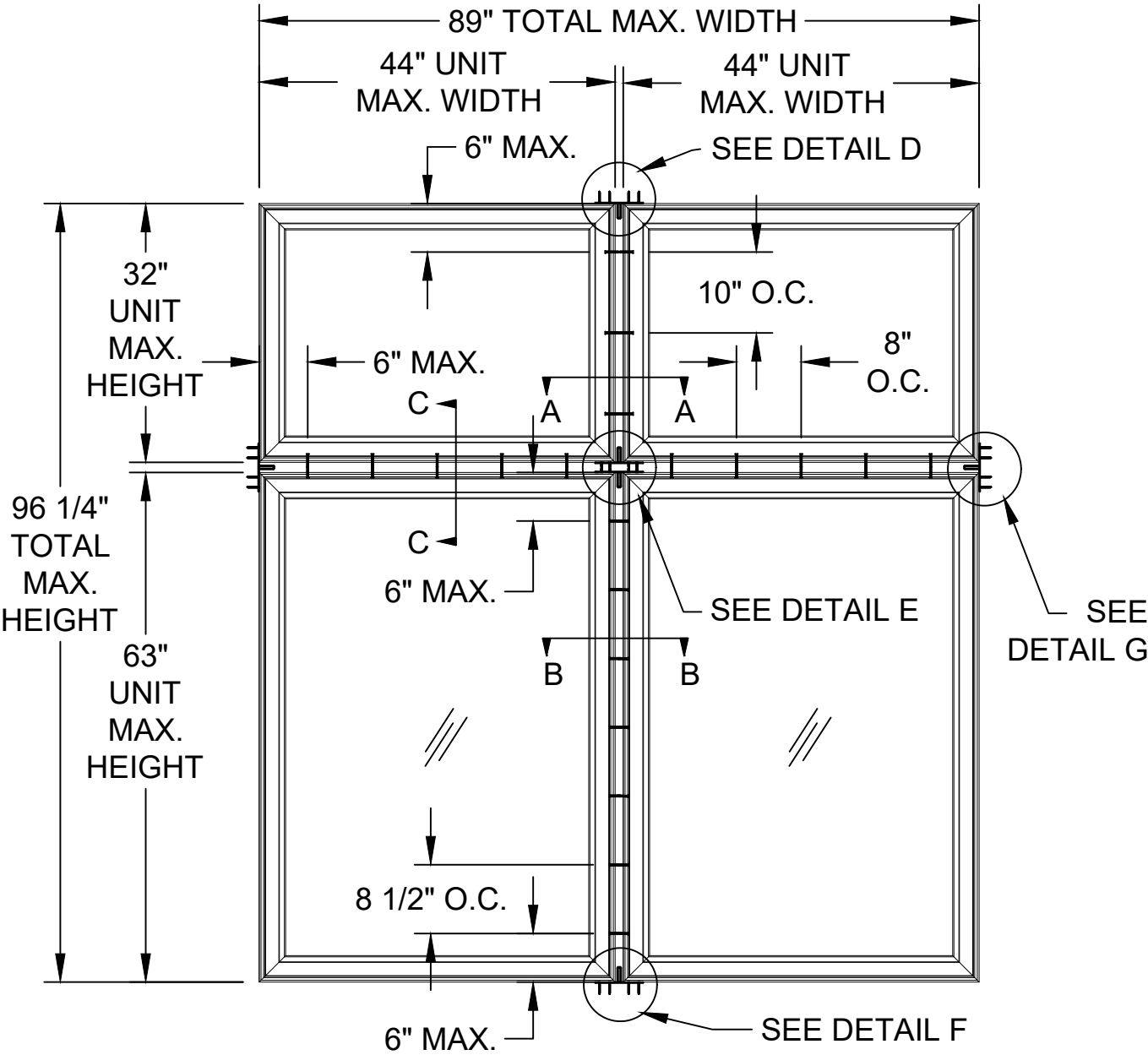
SERIES TECH 5000 IMPACT T MULLION SYSTEM

INSTALLATION MULLION ANCHORAGE DETAILS

- NOTES:
1. THE PRODUCT SHOWN HEREIN IS TESTED AND DESIGNED TO COMPLY WITH REQUIREMENTS OF THE 9TH EDITION (2026) FLORIDA BUILDING CODE, BUILDING AND RESIDENTIAL VOLUMES INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
 2. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON THE FOLLOWING SIGNED AND SEALED TEST REPORTS AND ASSOCIATED LABORATORY DRAWINGS BY NATIONAL CERTIFIED TESTING LABORATORIES, YORK, PA, SIGNED AND SEALED BY ROBERT H. ZEIDERS, P.E.
 - 2.1. NCTL-110-10617-1, ASTM E1886 & ASTM E1996
 - 2.2. NCTL-110-10617-2, AAMA 450
 - 2.3. NCTL-110-10617-3, TAS 201, TAS 202 AND TAS 203
 3. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
 4. INSTALLER/CONTRACTOR IS RESPONSIBLE FOR MAINTAINING STRUCTURAL INTEGRITY OF WINDOW OPENING AND ALL WOOD FRAMING AROUND WINDOW.
 5. RESPONSIBILITY OF SELECTING FENESTRATION PRODUCTS TO MEET ANY APPLICABLE LOCAL LAWS, BUILDING CODES, ORDINANCES OR OTHER SAFETY REQUIREMENTS REST SOLELY WITH THE ARCHITECT, ENGINEER OF RECORD, BUILDING OWNER OR CONTRACTOR. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS INCLUDING THE HIGH VELOCITY HURRICANE ZONE.
 6. DESIGN PRESSURE AND INSTALLATION DETAILS SHOWN IN THIS DOCUMENT APPLY ONLY TO THE MULLION. WINDOWS MUST BE APPROVED UNDER SEPARATE PRODUCT APPROVAL.
 7. SINGLE UNITS TO BE MULLED ARE NOT LIMITED TO THOSE SHOWN IN THIS DRAWING. SINGLE UNITS TO BE MULLED TOGETHER MUST BE MANUFACTURED BY REGENCY PLUS, INC. AND MUST BE MADE OF VINYL PVC. FIXED WINDOW SHOWN; OTHER WINDOW TYPES APPROVED.
 8. DESIGN PRESSURE OF MULLED UNIT SHALL BE CONTROLLED BY THE LESSER DESIGN PRESSURE OF THE MULLION OR THE INDIVIDUAL WINDOW UNIT.
 9. HORIZONTAL MULLION SHALL EXTEND THE ENTIRE WIDTH OF THE MULLED UNIT. VERTICAL MULLION IS USED TO MULL TOP AND BOTTOM UNITS TOGETHER AND TO THE HORIZONTAL MULLION.

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SHEET	SHEET DESCRIPTION
1	ELEVATION AND GENERAL NOTES
2	CROSS SECTIONS, BOM AND INSTALLATION DETAILS
3	COMPONENTS

PERFORMANCE RATING	
DESIGN PRESSURE (PSF)	IMPACT RATING (SEE GENERAL NOTE 5)
+/- 70	LARGE MISSILE IMPACT; HVHZ WIND ZONE 4, MISSILE LEVEL D; NON-HVHZ



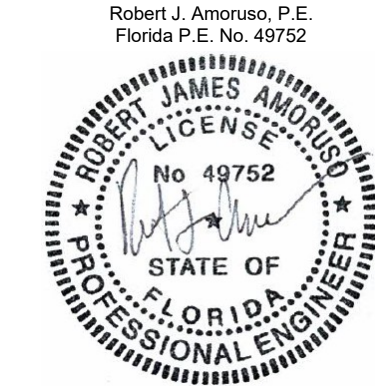
SERIES TECH 5000 IMPACT T MULLION

SEE NOTE 7 FOR APPROVED CONFIGURATIONS

EXTERIOR ELEVATION

(SEE INSTALLATION NOTE 5 ON SHEET 3)

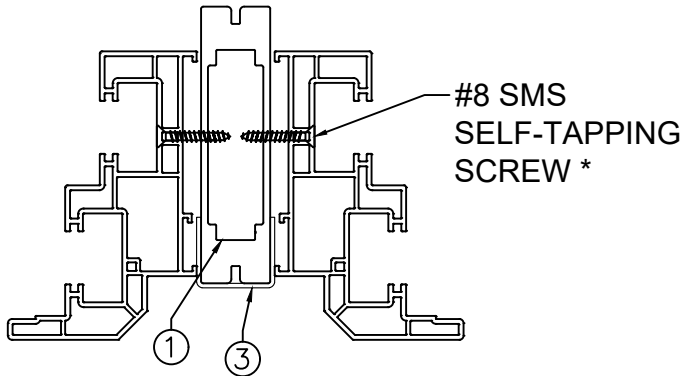
This item has been electronically signed and sealed by Robert J. Amoruso on the date adjacent to the seal using a SHA authentication code. Printed copies of this document are not considered signed and sealed and the SHA authentication code must be verified on any electronic copies.



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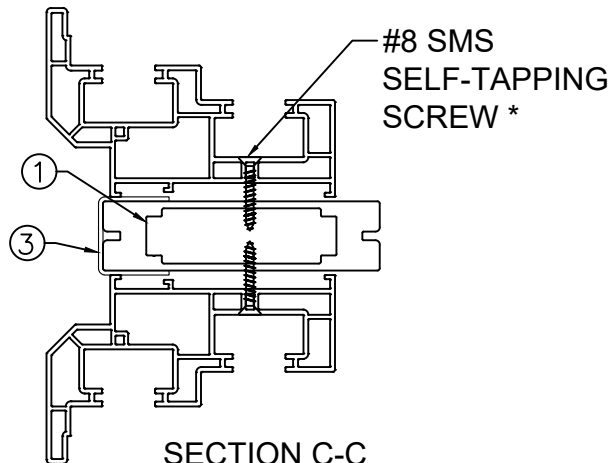
PROJECT No. ACE-2025-131			RJA	BY
		7/28/26	RJA	DATE
	2026 FBC UPDATE	REVISED ISSUE	1/4/18	DESCRIPTION
REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851		DRAWN BY: RJA	DATE: 1/4/18	REV: B
SERIES TECH 5000 IMPACT T MULLION SYSTEM ELEVATION AND GENERAL NOTES		SCALE: N.T.S.	DRAWING NO: RPLS0058	SHEET: 1 OF 3
AMORUSO CONSULTING ENG., LLC FBPE REGISTRATION NO. 38327 226 N NOVA RD, NO. 142 ORMOND BEACH, FL 32174 RJAENGPE@GMAIL.COM		REV: B	1/4/18	1 OF 3

PARTS LIST		
NO.	PART NUMBER	DESCRIPTION
1	A118-02P078	4" ALUMINUM MULLION
2	A116-02M078	MULLION CONNECTOR (CLIP)
3		MULLION CAP



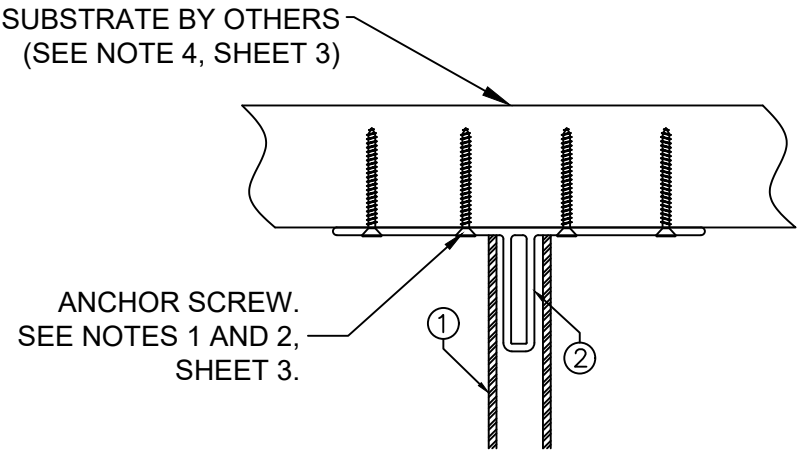
SECTION A-A & B-B
FIXED WINDOW FRAME SHOWN
FOR REFERENCE (SEE GENERAL
NOTE 7 ON SHEET 1)

* SEE INSTALLATION NOTE 5, SHEET 3

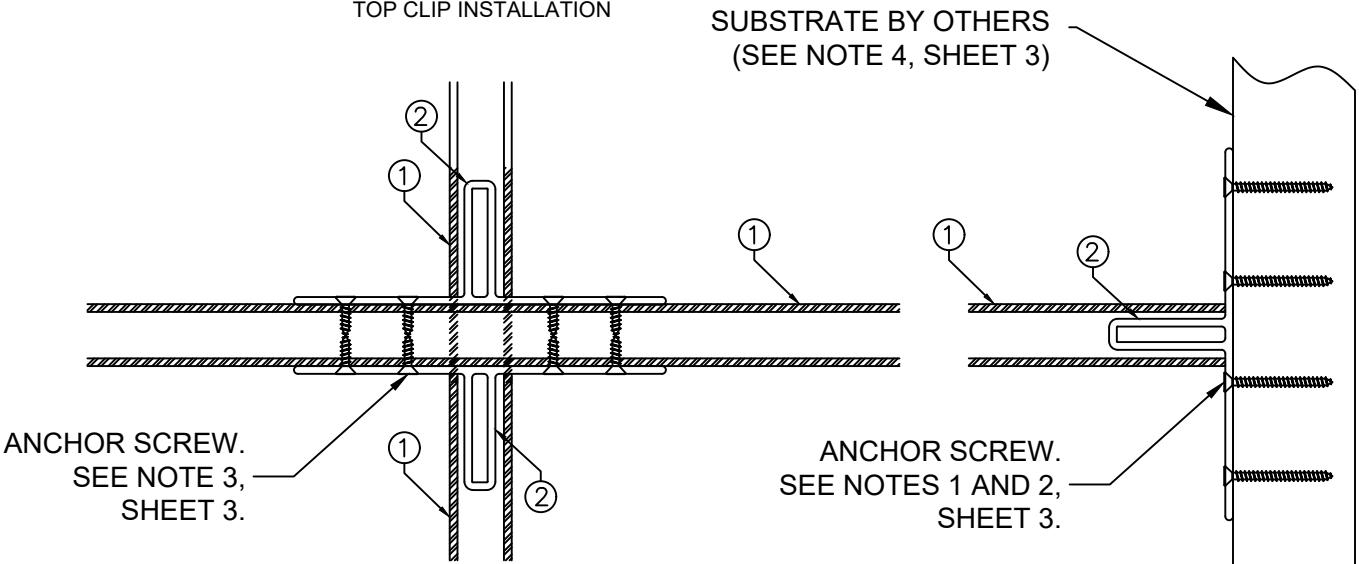


SECTION C-C
FIXED WINDOW FRAME SHOWN
FOR REFERENCE (SEE GENERAL
NOTE 7 ON SHEET 1)

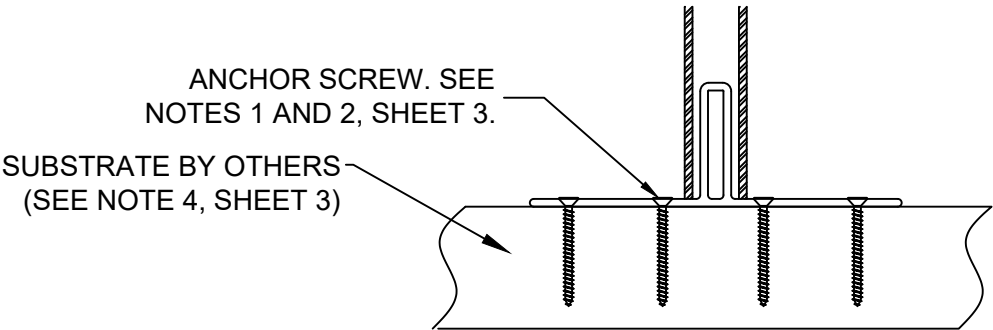
* SEE INSTALLATION NOTE 5, SHEET 3



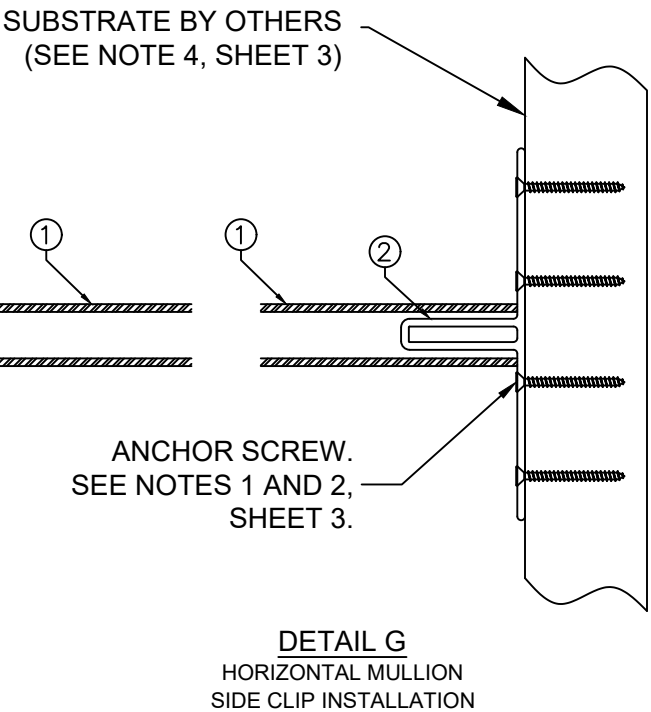
DETAIL D
VERTICAL MULLION
TOP CLIP INSTALLATION



DETAIL E
HORIZONTAL AND VERTICAL MULLION
INTERSECTION CLIP INSTALLATION



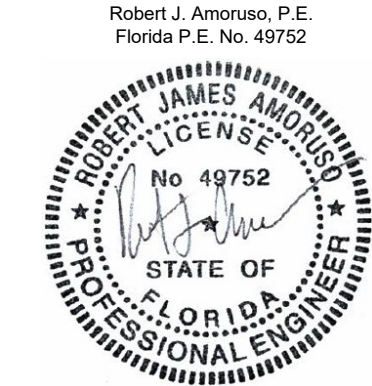
DETAIL F
VERTICAL MULLION
BOTTOM CLIP INSTALLATION



DETAIL G
HORIZONTAL MULLION
SIDE CLIP INSTALLATION

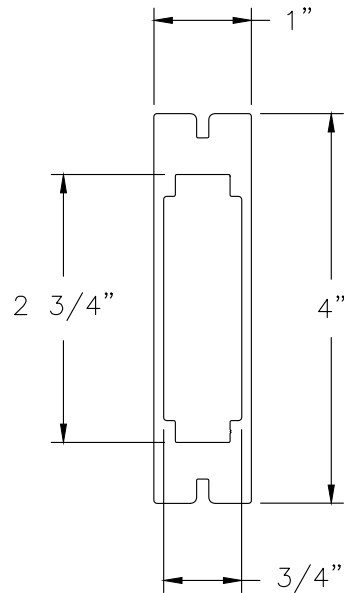
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B	A	1/4/18	RJA	REV

REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851		DRAWN BY: RJA	DATE: 1/4/18	DRAWING NO: RPLS0058	SHEET: 2 OF 3
SERIES TECH 5000 IMPACT T MULLION SYSTEM CROSS SECTIONS, BOM AND INSTALLATION DETAILS		SCALE: N.T.S.	FBPE REGISTRATION NO. 38327	226 N NOVA RD, NO. 142	ORMOND BEACH, FL 32174
AMORUSO CONSULTING ENG., LLC		REV: B	2026 FBC UPDATE	1/4/18	RJAENGPE@GMAIL.COM

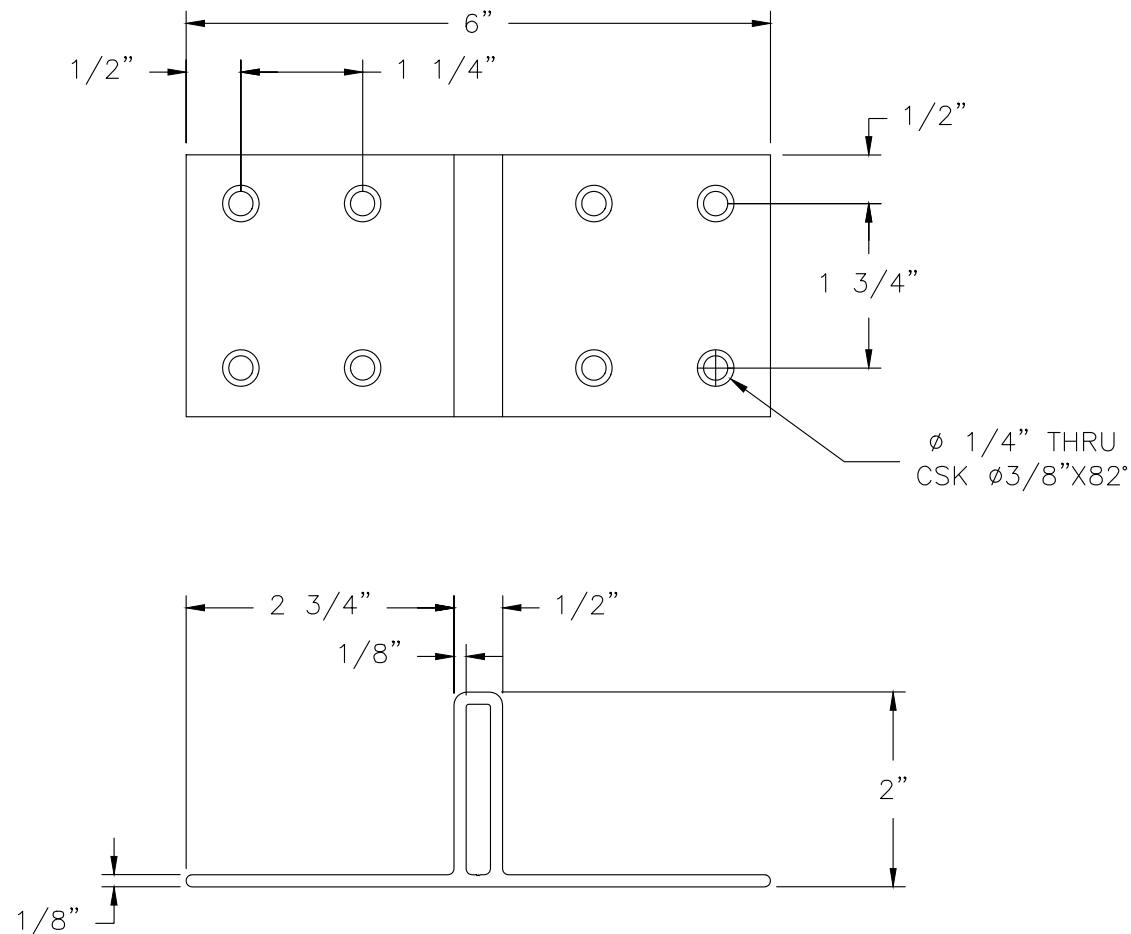


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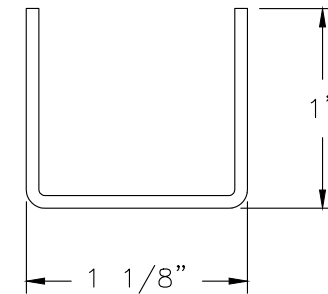
1 4" MULLION
ALUMINUM 6063-T6



2 MULLION CONNECTOR (CLIP)
ALUMINUM 6063-T6



3 MULLION CLIP
VINYL PVC 0.065" THICK



INSTALLATION NOTES:

1. FOR DETAIL D, F & G ANCHORING INTO CONCRETE OR MASONRY USE FOUR (4) 3/16" ITW TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1-1/2" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2-1/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATION DETAILS. USE CLIP'S DIAGONAL HOLES TO INSTALL TAPCONS.
2. FOR DETAIL D, F & G ANCHORING INTO WOOD FRAMING OR 2X BUCK USE EIGHT (8) #8 WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE WITH A 5/8" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATION DETAILS.
3. FOR DETAIL E ANCHORING OF INSTALLATION CLIP TO MULLION, USE (8) #8 SMS SELF-TAPPING SCREWS WITH A MINIMUM EMBEDMDNET OF AT LEAST 3 THREADS PAST THE INTERIOR OF THE MULLION.
4. SUBSTRATES INCLUDE CONCRETE, MASONRY AND 2X WOOD FRAMING. A 1X BUCK IS OPTIONAL FOR CONCRETE/MASONRY INSTALLATION.
5. FOR ATTACHING WINDOW UNITS TO MULLION USE MINIMUM #8 SMS SELF-TAPPING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A MINIMUM EMBEDMENT OF THREE THREADS PAST MULLION WALL. LOCATE SCREWS AS SHOWN IN ANCHOR ELEVATION ON SHEET 1 AS MINIMUM.
 - 5.1. SEE NOTE 6 FOR ADDITIONAL REQUIREMENTS.
6. FOR WINDOW UNITS ANCHORING SCHEDULE REFER TO WINDOW APPROVED INSTALLATION INSTRUCTIONS.
 - 6.1. IF WINDOW APPROVED INSTALLATION INSTRUCTIONS REQUIRE SCREWS GREATER IN DIAMETER/SIZE THAN #8 OR ANCHOR SPACING SMALLER THAN THAT SHOWN IN SHEET 1 ELEVATION, APPROVED INSTALLATION INSTRUCTIONS SHALL GOVERN OVER NOTE 5 REQUIREMENTS.
7. FOR VERTICAL MULLION INSTALLATIONS, HEAD AND SILL SUBSTRATES WILL GENERALLY BE CONCRETE HEADER OR FOOTERS/PRE-CAST SILLS, ETC. FOR HORIZONTAL MULLION INSTALLATIONS, JAMB SUBSTRATES CAN BE EITHER CONCRETE OR MASONRY (CMU).
8. ALL FASTENERS AND CONNECTORS TO BE CORROSION RESISTANT, AND/OR HAVE A CORROSION RESISTANT COATING, OR MEET THE REQUIREMENTS OF SECTION 1711, 9TH EDITION (2026) FBC AND SECTION R332, 9TH EDITION (2026) FRC WHEN APPLICABLE.

Robert J. Amoruso, P.E.
Florida P.E. No. 49752



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2000 LOCUST GAP HIGHWAY
MT. CARMEL, PA 17851

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COMPONENTS

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SHEET: 3 OF 3

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REVISED ISSUE
DESCRIPTION

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