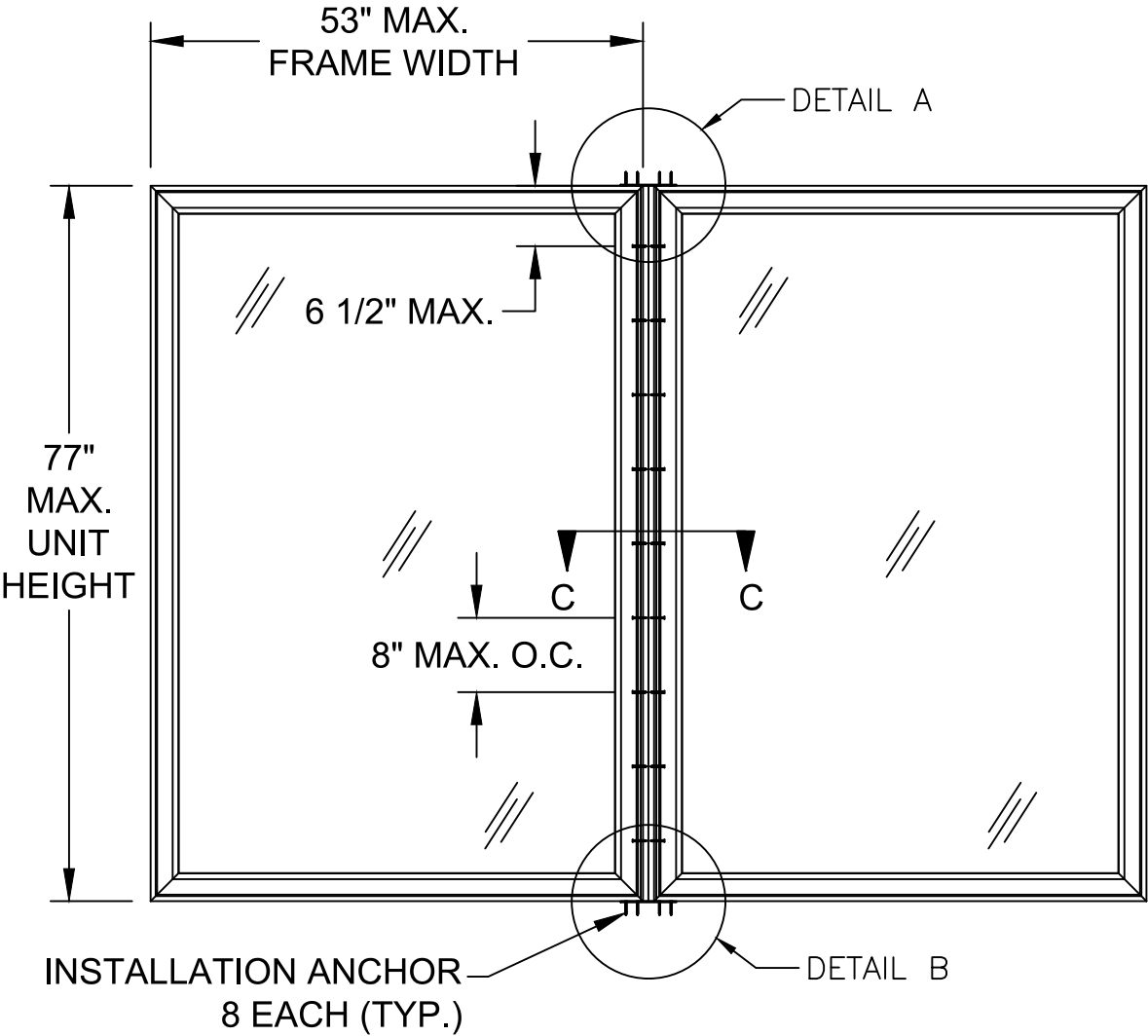


REGENCY PLUS, INC.

SERIES TECH 5000 IMPACT MULLION SYSTEM

INSTALLATION MULLION ANCHORAGE DETAILS

- NOTES:
1. THE PRODUCT SHOWN HAS BEEN TESTED, EVALUATED AND DESIGNED TO COMPLY WITH REQUIREMENTS OF THE CURRENT EDITION OF THE FLORIDA BUILDING CODE 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.
 - 2.1. NCTL-110-10616-1, AAMA/WDMA/CSA 101/I.S.2/A440
 - 2.2. NCTL-110-10616-2, TAS 201, TAS 202 AND TAS 203
 - 2.3. NCTL-110-10616-3, ASTM E1886 & ASTM E1996
 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. TWIN CONFIGURATION SHOWN. UNITS MAY BE MULLED TOGETHER INDEFINITELY IF THE SINGLE UNIT WIDTH AND THE SINGLE UNIT HEIGHT ARE NOT EXCEEDED, AND MULLION IS ANCHORED AS SHOWN IN THIS INSTALLATION DRAWING.
 10. MULLION VERTICAL INSTALLATION SHOWN. MULLION MAY BE USED IN HORIZONTAL APPLICATIONS IF DIMENSIONS SHOWN ARE NOT EXCEEDED AND MULLION IS ANCHORED ACCORDING TO THIS INSTALLATION INSTRUCTION.



SERIES TECH 5000 IMPACT MULLION

SEE NOTES 7 & 10 FOR APPROVED CONFIGURATIONS

EXTERIOR ELEVATION

(SEE INSTALLATION NOTE 3 ON SHEET 2)

PERFORMANCE RATING			
MAXIMUM WINDOW UNIT SIZE	MULLION ORIENTATION	DESIGN PRESSURE (PSF)	IMPACT RATING (SEE GENERAL NOTE 5)
53" X 72"	VERTICAL (SHOWN)	+/- 70	LARGE MISSILE IMPACT; HVHZ WIND ZONE 4, MISSILE LEVEL D; NON-HVHZ
72" X 53"	HORIZONTAL (NOTE 10)		

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

PROJECT # 417-0906

REGENCY PLUS, INC.

2000 LOCUST GAP HIGHWAY

MT. CARMEL, PA 17851

SERIES TECH 5000 IMPACT MULLION SYSTEM

ELEVATION AND GENERAL NOTES

DATE: 1/4/18

DRAWING NO: RPLS0057

SHEET: 1 OF 3

DRAWN BY: RJA

SCALE: N.T.S.

REV: A

PREPARED BY: PTC

PTC PRODUCT DESIGN GROUP, LLC

PO BOX 520775

LONGWOOD, FLORIDA 32752

FBPE C.A. NO. 25935

Phone: 321.690.1788

Fax: 321.690.1789

Email: info@ptc-corp.com

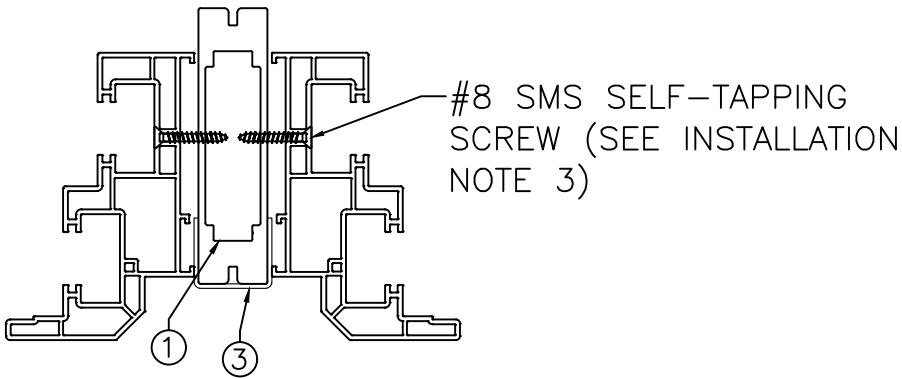
Robert J. Amoruso, P.E.

Florida P.E. No. 49752

Digitally signed by Robert J Amoruso

Date: 2018.01.09 10:17:48 -05'00'

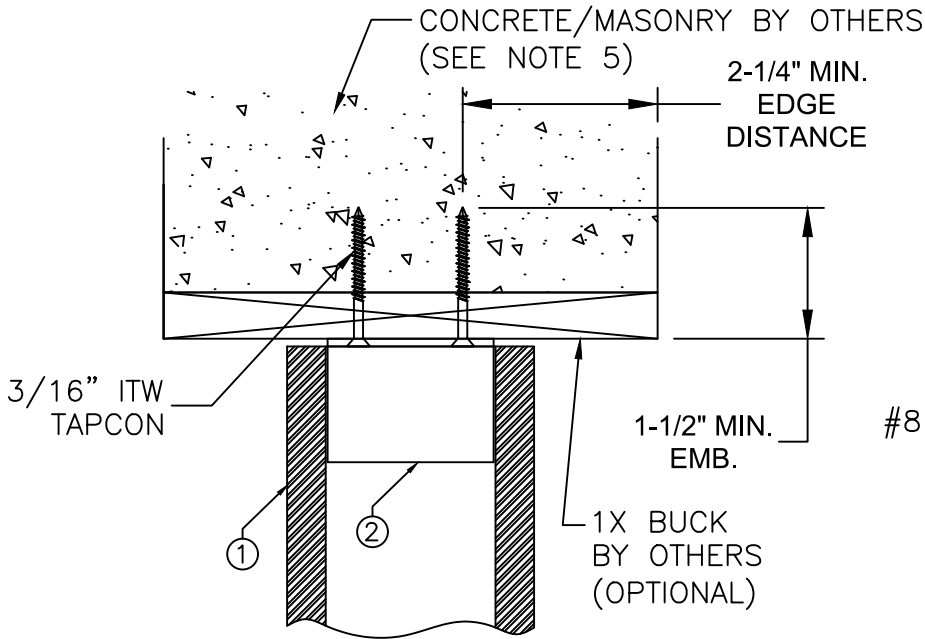
PARTS LIST		
NO.	PART NUMBER	DESCRIPTION
1	A118-02P078	4" ALUMINUM MULLION
2	A116-02M078	MULLION CONNECTOR (CLIP)
3		MULLION CAP



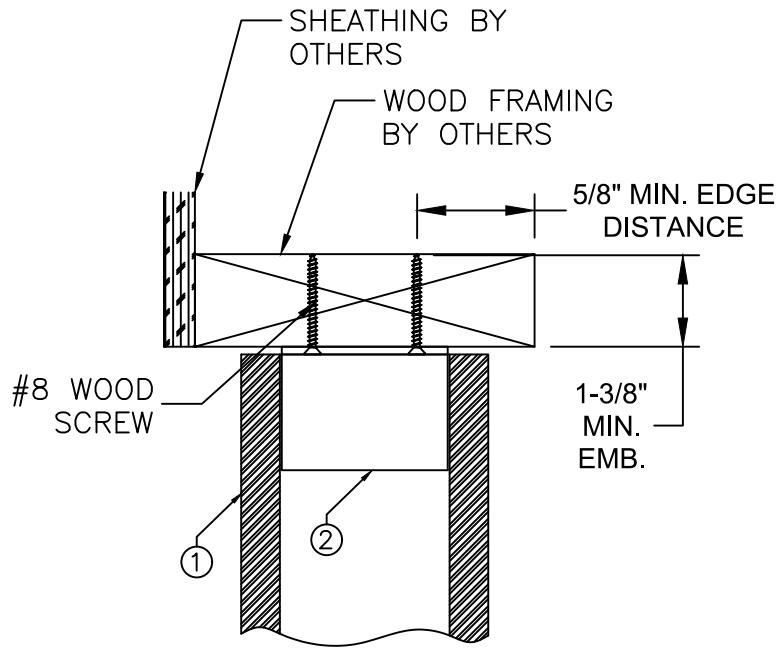
SECTION C-C
FIXED WINDOW FRAME SHOWN
FOR REFERENCE (SEE GENERAL
NOTE 7 ON SHEET 1)

INSTALLATION NOTES:

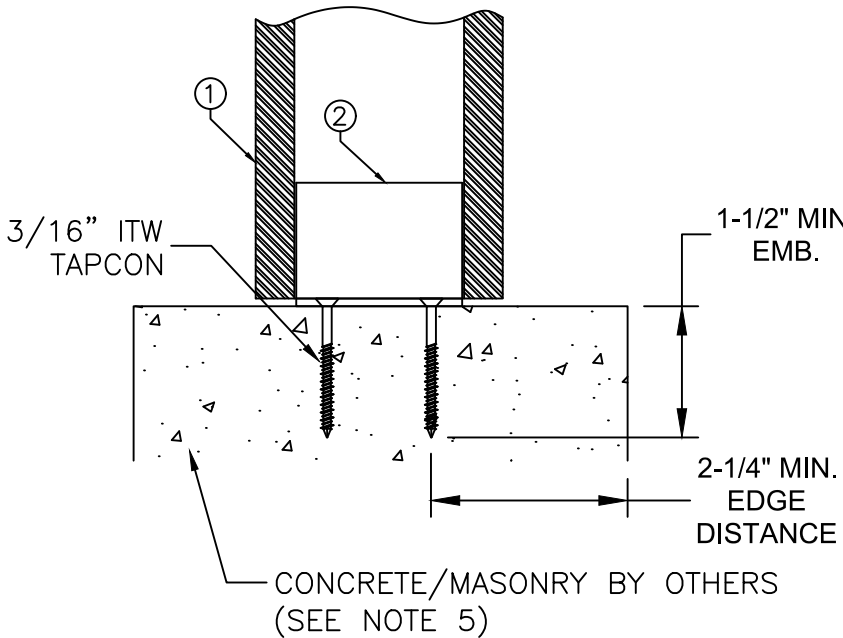
1. FOR ANCHORING INTO CONCRETE OR MASONRY USE FOUR (4) 3/16" ITW TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1-1/2" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2-1/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATION DETAILS. USE CLIP'S DIAGONAL HOLES TO INSTALL TAPCONS.
2. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE EIGHT (8) #8 WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATION DETAILS.
3. 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.
 - 3.1. SEE NOTE 4 FOR ADDITIONAL REQUIREMENTS.
4. FOR WINDOW UNITS ANCHORING SCHEDULE REFER TO WINDOW APPROVED INSTALLATION INSTRUCTIONS.
 - 4.1. 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 3 REQUIREMENTS.
5. 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).



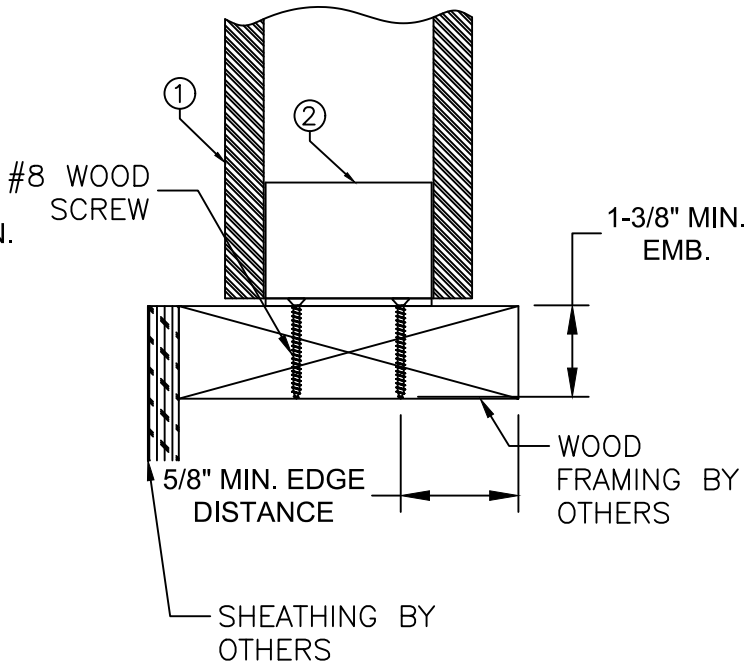
DETAIL A
WOOD FRAMING
TOP CLIP INSTALLATION
(SEE NOTE 2, SHEET 2)



DETAIL A
CONCRETE/MASONRY FRAMING
TOP CLIP INSTALLATION
(SEE NOTE 1, SHEET 2)



DETAIL B
WOOD FRAMING
TOP CLIP INSTALLATION
(SEE NOTE 2, SHEET 2)



DETAIL B
CONCRETE/MASONRY FRAMING
TOP CLIP INSTALLATION
(SEE NOTE 1, SHEET 2)

PROJECT # 417-0906

REGENCY PLUS, INC.
2000 LOCUST GAP HIGHWAY
MT. CARMEL, PA 17851

SERIES TECH 5000 IMPACT MULLION SYSTEM
CROSS SECTIONS, BOM AND INSTALLATION DETAILS

PREPARED BY:

DRAWN BY:

DATE:

DRAWING NO:

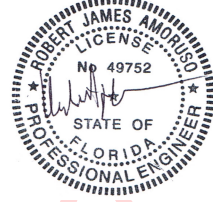
REV:

DESCRIPTION

DATE

BY

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



Digitally signed by
Robert J Amoruso
Date: 2018.01.09
10:18:02 -05'00'



REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851		PROJECT # 417-0906	
SERIES TECH 5000 IMPACT MULLION SYSTEM COMPONENTS			
PREPARED BY:		DRAWN BY: RJA	DATE: 1/4/18
		SCALE: N.T.S.	DRAWING NO.: RPLS0057
Phone: 321.690.1788 PO BOX 530775 LONGWOOD, FLORIDA 32752 ERPE C.A. NO. 25935 Email: info@ptc-corp.com		REV: A	SHEET: 3 OF 3
		REV:	DESCRIPTION
		DATE	BY

A circular professional engineer seal for Robert James Amoroso. The outer ring contains the text "ROBERT JAMES AMOROSO" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside the ring, the word "LICENSE" is at the top, "No 49752" is in the center, and "STATE OF FLORIDA" is at the bottom. A handwritten signature is written across the center of the seal.

Digitally signed by
Robert J Amoruso
Date: 2018.01.09
10:18:17 -05'00'