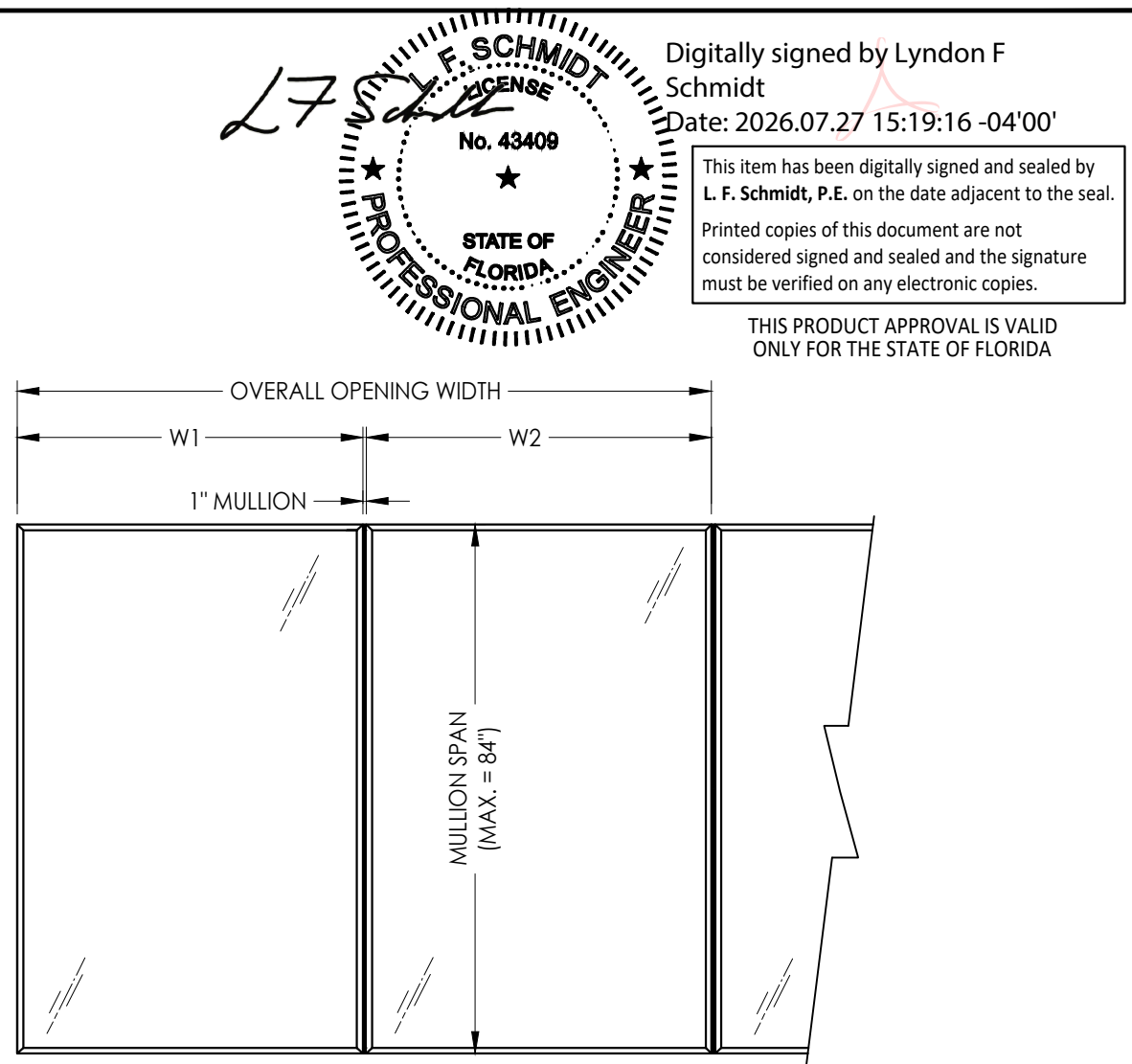


GENERAL NOTES

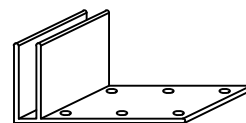
1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements, including the "High Velocity Hurricane Zone".
2. When used in the "HVHZ", this product (if mulled together with "HVHZ" impact rated windows), complies with Section 1626 of the FBC and does not require an impact resistant covering.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure and be reviewed by the Building Official.
4. Separate product approvals for each glazing product used with these mullions must be submitted along with this mullion product approval. The design pressure rating of the assembly shall be the lesser of the load capacity of the mullion as specified using this approval or the design pressure rating of the individual glazing products used.
5. Anchoring of each glazing product to the mullion shall be as shown in this drawing or as shown in each individual glazing product approval, whichever is more stringent.
6. Mullion anchor embedment to base material shall be beyond wall dressing or stucco.
7. Any conditions not covered in this evaluation are subject to separate engineering evaluation.
8. Aluminum components, including fasteners, shall meet the requirements of FBC Section 2003.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevations & General Notes
2	Mullion Design Pressure Table & Cross Sections
3	Wood/Steel Stud Anchor Clip Details
4	Masonry or Wood/Steel Stud Anchor Clip Details

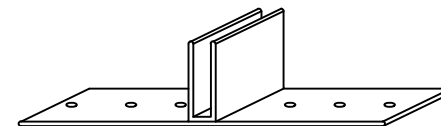


VERTICAL MULLED WINDOW UNITS

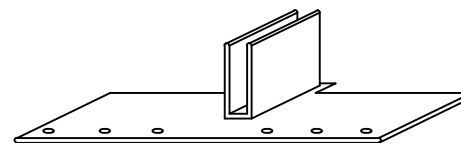
ADJOINING WINDOW UNITS CAN BE EQUAL OR UNEQUAL WIDTHS



Wood/Steel Stud Anchor Bracket



Masonry or Wood/Steel Stud Anchor Clip



Masonry or Wood/Steel Stud Offset Anchor Bracket

DATE: 10/01/13				REVISIONS			
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-16542.5							
SHEET 1 OF 4				PRODUCT: ALUMINUM CLIPPED MULLION PART OR ASSEMBLY: TYPICAL ELEVATIONS & GENERAL NOTES			
7	7/01/26	UPDATE TO 9TH ED. (2026)	FBC				
6	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
5	7/09/20	UPDATE TO 7TH ED. (2020)	FBC	LFS			
NO.	DATE			BY			
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 . FBPE Registry No. 9813			

STEEL STUD

1/4" MAX.

(6) #10-16 SELF-DRILLING SHEET METAL SCREWS (SEE ANCHOR SCHEDULE)

2

MULLION

Technical drawing showing the front and side views of a mechanical part with the following dimensions:

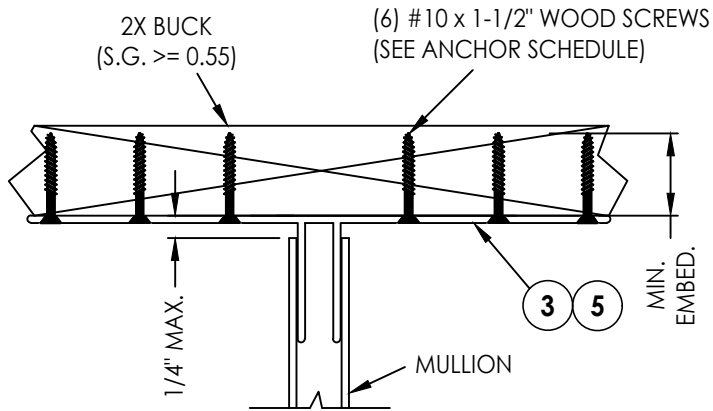
- Front View (Left):**
 - Overall width: 2.1"
 - Overall height: 0.72"
 - Internal vertical spacing: 0.12"
- Side View (Right):**
 - Overall width: 2"
 - Overall height: 4.5"
 - Three circular features (holes) are located at vertical intervals of 1.5" from the bottom.
 - Horizontal distance from the left edge to the first hole: 0.375"
 - Horizontal distance between the first and second holes: 1.25"
 - Horizontal distance between the second and third holes: 0.375"

Notes:

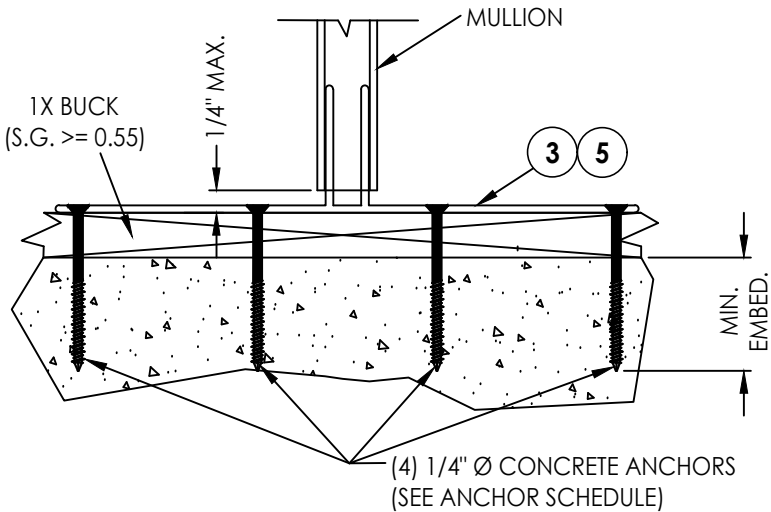
1. Refer to individual window product approval for fabrication and installation requirements, including glazing details, frame reinforcement and anchor specifications.
2. Mullion bracket anchoring details shown may be used at either end of mullion.

WOOD FRAMING (S.G. >= 0.55)
STEEL CONFORMING TO ASTM A653, 16 GA. , 0.060" MIN. THICKNESS (Fy = 33,000 PSI, Fu = 45,000 PSI)
SHEET METAL SCREWS (SAE GRADE 5 MIN.): HILTI KWIK-FLEX or ELCO DRIL-FLEX

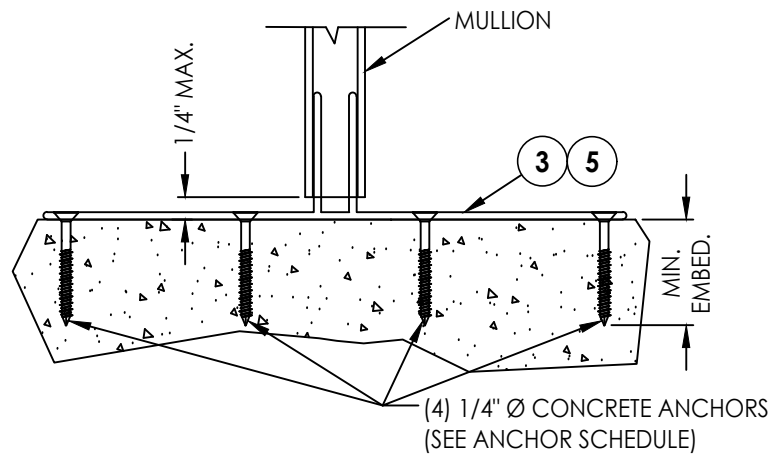
Z:\2023 FBC Drawings\Wincore Window Company\FL-16542 R7\FL-16542.5-8.dwg



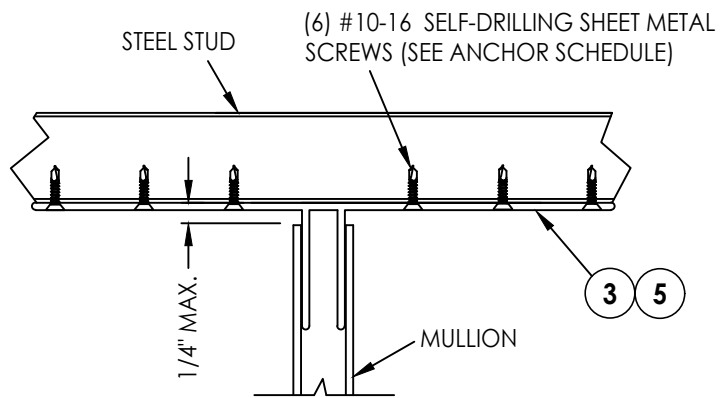
1 ANCHOR BRACKET DETAIL
Anchor to 2x Buck



3 ANCHOR BRACKET DETAIL
Anchor to Masonry thru 1x Buck



4 ANCHOR BRACKET DETAIL
Anchor Direct to Masonry

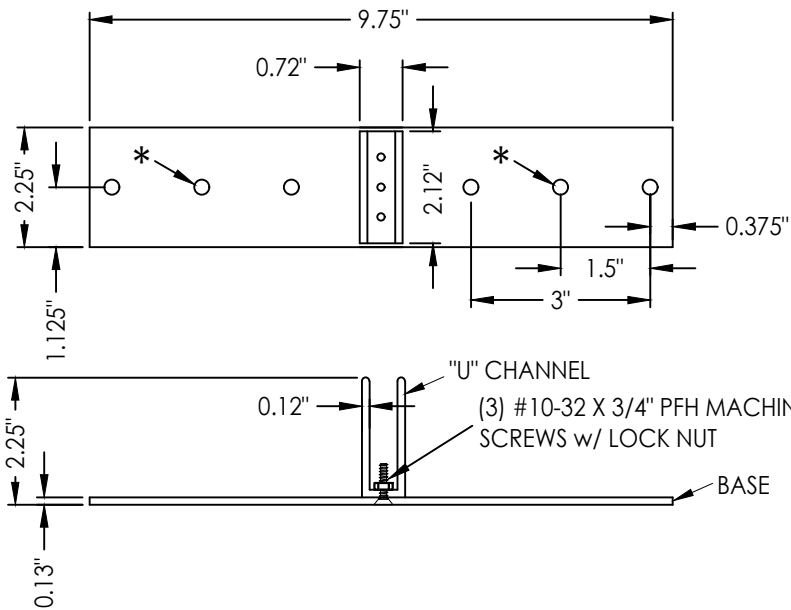


2 ANCHOR BRACKET DETAIL
Anchor to Steel Stud

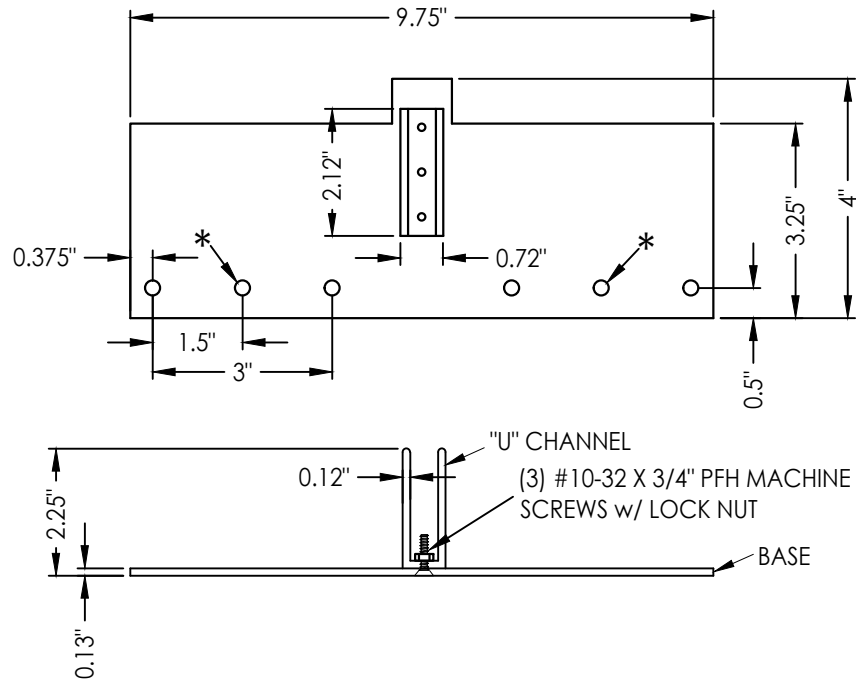
- Notes:
- Refer to individual window product approval for fabrication and installation requirements, including glazing details, frame reinforcement and anchor specifications.
 - Mullion bracket anchoring details shown may be used at either end of mullion.

MULLION ANCHOR BRACKET ANCHOR SCHEDULE				
ANCHOR	SUBSTRATE	EMBEDMENT (MIN.)	EDGE DISTANCE (MIN.)	CENTER-TO-CENTER SPACING (MIN.)
#10 PFH WOOD SCREW	WOOD	1-3/8"	3/4"	1-1/4"
#10-16 SELF-DRILLING SHEET METAL SCREW	STEEL	A MIN. OF 3 THREADS SHALL PROTRUDE COMPLETELY THROUGH THE STEEL SUBSTRATE	3/4"	1-1/4"
1/4" Ø PFH HILTI KWIK-CON II+	HOLLOW BLOCK	1-1/4"	2-1/2"	3"
	CONCRETE	1-1/4"	2-1/2"	3"

WOOD FRAMING (S.G. >= 0.55)
STEEL CONFORMING TO ASTM A653, 16 GA., 0.060" MIN. THICKNESS (F_y = 33,000 PSI, F_u = 45,000 PSI)
SHEET METAL SCREWS (SAE GRADE 5 MIN.): HILTI KWIK-FLEX or ELCO DRIL-FLEX
CONCRETE CONFORMING TO ACI 301 (3,000 PSI MIN.) OR HOLLOW BLOCK CONFORMING TO ASTM C90



3 MASONRY OR WOOD/STEEL STUD ANCHOR BRACKET
BASE (6061-T6 ALUM.)
"U" CHANNEL (6063-T6 ALUM.)



5 MASONRY OR WOOD/STEEL STUD OFFSET ANCHOR BRACKET
BASE (6061-T6 ALUM.)
"U" CHANNEL (6063-T6 ALUM.)

CORROSION RESISTANCE - SALTWATER ENVIRONMENTS
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

*Holes indicated to be used for wood/steel stud installations only. Do not use for concrete screws.

Documents Prepared By:
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
ALUMINUM CLIPPED MULLION

PART OR ASSEMBLY:
MASONRY OR WOOD/STEEL STUD ANCHOR BRACKET DETAILS

NO.	DATE	REVISIONS
7	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
6	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
5	7/09/20	UPDATE TO 7TH ED. (2020) FBC LFS
		BY

DATE: 10/01/13

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-16542.5

SHEET 4 OF 4