



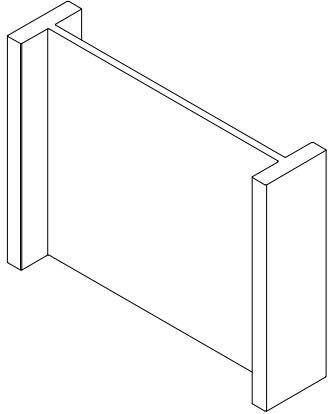
1 COCHRANE AVE. PENNSBORO, WV 26415
PH. 800-426-2249

EXTRUDED NON-IMPACT VINYL MULLIONS
WITH ALUMINUM REINFORCEMENT
ALL NON-IMPACT WINDOW SERIES

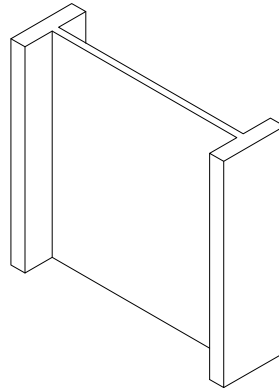
MULLIONS MEET THE REQUIREMENTS OF THE CURRENT
FLORIDA BUILDING CODE.

REVISIONS

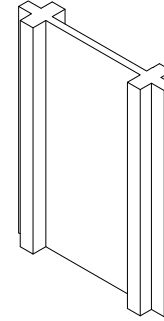
REV.	DESCRIPTION	DATE	BY
5	Updated DP ratings chart and added new mullion covers.	06/20/2012	T.D.D.
6	Revised per 5th Ed. (2014) FBC	04/25/2015	LAT
7	Updated Note 1, Sheet 1	10/03/2017	LMH
8	Add 'New' to 4000 Series	04/19/2023	LMH
9	Updated to Current FBC	08/03/2026	LMH



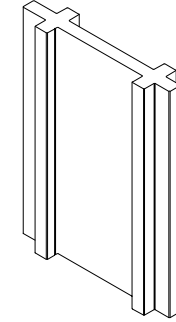
LARGE MULLION
REINFORCEMENT CM0146
ALUMINUM 6063-T6



LARGE MULLION
REINFORCEMENT #16991
ALUMINUM 6063-T6



MEDIUM MULLION
REINFORCEMENT #16990
ALUMINUM 6063-T6



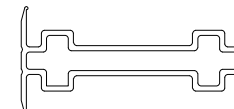
MEDIUM MULLION
REINFORCEMENT #20634
ALUMINUM 6063-T6



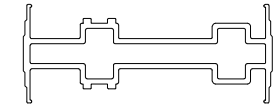
5000 FIN & J FRAME VINYL
H-MULLION COVER #VPI-573
EXTRUDED VINYL 0.071" MIN.



PROFINISH LARGE VINYL
H-MULLION COVER #VPI-560
EXTRUDED VINYL 0.079" MIN.



PROFINISH MEDIUM VINYL
H-MULLION COVER #VPI-346A
EXTRUDED VINYL 0.071" MIN.



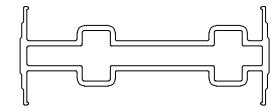
RETROFIT MEDIUM VINYL
H-MULLION COVER #VPI-436
EXTRUDED VINYL 0.070" MIN.

PRODUCT DESCRIPTION:

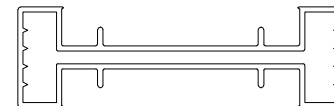
1. ALL MULLION REINFORCEMENTS ARE EXTRUDED ALUMINUM 6063-T6.
2. ALL MULLION COVERS ARE EXTRUDED VINYL. SEE ABOVE FOR INDIVIDUAL MULLION THICKNESS.



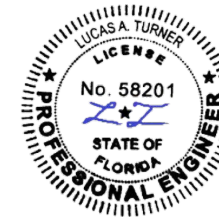
RETROFIT LARGE VINYL
H-MULLION COVER #VPI-354
EXTRUDED VINYL 0.071" MIN.



NEW 4000 SERIES MEDIUM VINYL
H-MULLION COVER #MP0347
EXTRUDED VINYL 0.070" MIN.



NEW 4000 SERIES LARGE VINYL
H-MULLION COVER #VPI-354A
EXTRUDED VINYL 0.071" MIN.



GENERAL NOTES:

1. THE FOUR (4) MULLION PRODUCTS MEET THE CURRENT FLORIDA BUILDING CODE SECTION 1710.8, INCLUDING L/175 DEFLECTION LIMIT, LOAD TRANSFER, AND FIBERSTRESS ANALYSES IN THE DESIGN PRESSURES SHOWN IN THE TABLES IN THIS DRAWING. THE ANALYSES DID NOT ADDRESS AIR OR WATER INFILTRATION. OVERALL WINDOW ASSEMBLY ALLOWABLE DESIGN PRESSURES SHALL BE THE LOWER OF THE MULLION PER THIS APPROVAL OR THE SIMONTON WINDOWS PER SEPARATE PRODUCT APPROVAL.
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN HEREIN.

Lucas Turner
2026.08.13 11:10:20
-05'00'

08/03/2026
LUCAS A. TURNER, P.E.
FL PE # 58201
TURNER ENGINEERING &
CONSULTING, INC.
(COA # 29779)
2428 OLD NACHEZ TRACE
TRAIL, CAMDEN, TN 38320
PH. 941-380-1574

SIZE	DRAWING NUMBER	REV.
C	RM0015B	9
DATE	DATE	DATE
12/18/08	3-20-06	01/20/12
SCALE: 0.75:1	SHEET 1 of 8	APPROVED BY: TDD
SERIES: ALL MULLED PRODUCTS		
TITLE: REINFORCED VINYL MULLIONS		

TABLE OF CONTENTS	
SHT	DESCRIPTION
1	INDIVIDUAL MULLION APPLICATIONS
2	DESIGN PRESSURES FOR REINFORCEMENT CM0146
3	DESIGN PRESSURES FOR REINFORCEMENT 16991
4	DESIGN PRESSURES FOR REINFORCEMENT 16990
5	DESIGN PRESSURES FOR REINFORCEMENT 20634
6	MULLION ATTACHMENT AND ANCHORING
7	MULLION CROSS SECTIONS-WOOD FRAME SUBSTRATE
8	MULLION CROSS SECTIONS-MASONRY/CONC. SUBSTRATE



1 COCHRANE AVE., PENNSBORO, WV 26415
PH. 800-426-2249

EXTRUDED NON-IMPACT VINYL MULLIONS
WITH ALUMINUM REINFORCEMENT
ALL NON-IMPACT WINDOW SERIES

REVISIONS

REV.	DESCRIPTION	DATE	BY
5	Updated DP ratings chart and added new mullion covers.	06/20/2012	T.D.D.
6	Revised per 5th Ed. (2014) FBC	04/25/2015	LAT
7	Updated Note 1, Sheet 1	10/03/2017	LMH
8	Add 'New' to 4000 Series	04/19/2023	LMH
9	Updated to Current FBC	08/03/2026	LMH

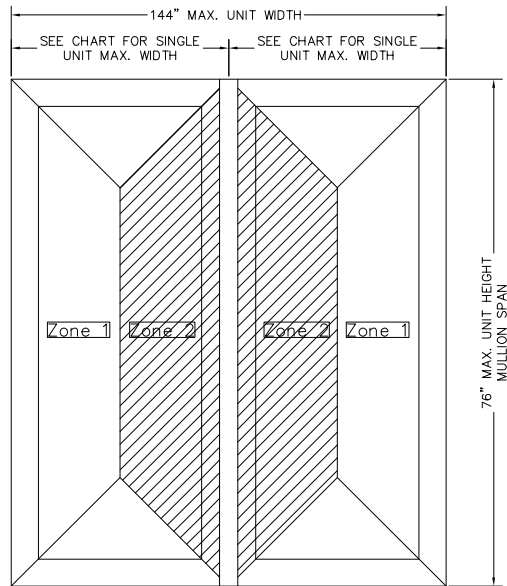


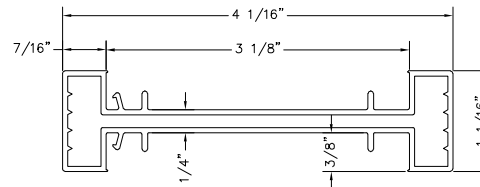
TABLE A — MAXIMUM DESIGN PRESSURES (PSF)
MULLION # CM0146

		Individual Unit Width												
		24	28	32	36	40	44	48	52	56	60	64	68	72
Mullion Length	40	75	75	75	75	75	75	75	75	75	75	75	75	75
	44	75	75	75	75	75	75	75	75	75	75	75	75	75
	48	75	75	75	75	75	75	75	75	75	75	75	75	75
	52	75	75	75	75	75	75	75	75	75	75	75	75	75
	56	75	75	75	75	75	75	70	70	70	70	70	70	70
	60	75	75	75	75	70	65	65	65	60	60	60	60	60
	64	75	75	70	65	65	60	55	55	55	55	55	55	55
	68	75	75	65	60	55	55	50	50	50	50	45	45	45
	72	75	70	60	55	55	50	45	45	45	45	40	40	40
	76	70	65	55	50	50	45	45	40	40	40	40	40	35
	80	65	60	55	50	45	40	40	40	35	35	35	35	35
	84	65	55	50	45	40	40	35	35	35	35	30	30	30
	88	60	55	45	45	40	35	35	35	30	30	30	30	30
	92	55	50	45	40	35	35	35	30	30	30	25	25	25
	96	55	45	40	40	35	35	30	30	30	25	25	25	25

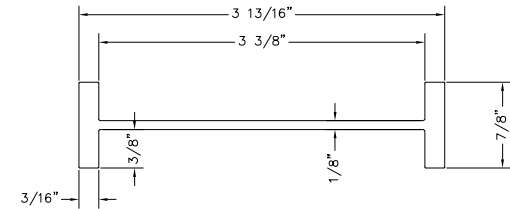
MAXIMUM SINGLE WINDOW WIDTH

WINDOW TYPE	WINDOW WIDTH
DOUBLE HUNG	56"
HORIZONTAL SLIDER	72"
CASEMENT	36"
FIXED	96"

MULLION TRIBUTARY WIDTH = SUM
OF ZONE 2 WINDOW WIDTHS

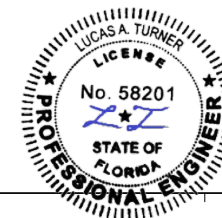


ALL FIN & J FRAMES H-MULLION
LARGE VINYL MULLION COVER #VPI-573
EXTRUDED VINYL .071" MIN.



LARGE MULL REINFORCEMENT #CM0146
ALUMINUM 6063-T6

SEE NOTES SHEETS 6, 7, AND 8 FOR REQUIRED ANCHORAGE INFORMATION.



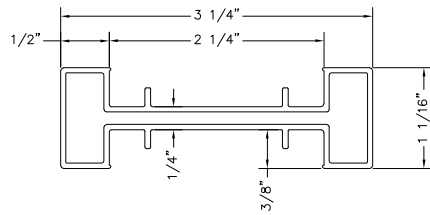
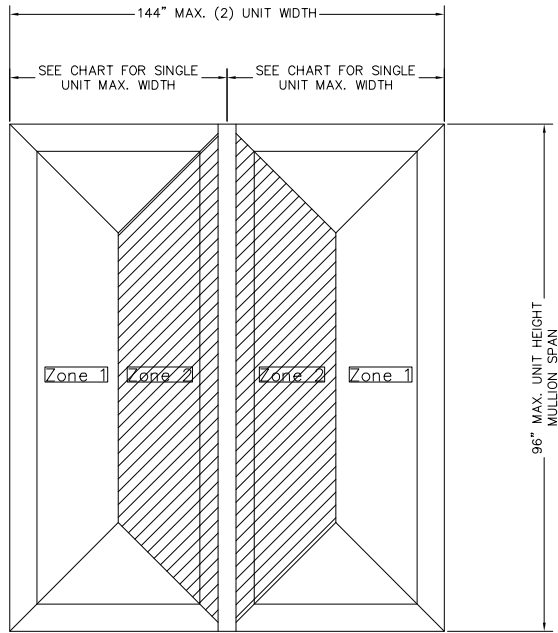
08/03/2026
LUCAS A. TURNER, P.E.
FL PE # 58201
TURNER ENGINEERING &
CONSULTING, INC.
(COA # 29779)
2428 OLD NATCHEZ TRACE
TRAIL, CAMDEN, TN 38320
PH. 941-380-1574

SIMONTON
WINDOWS
SCALE: 0.75:1
SHEET 2 of 8
APPROVED BY: TDD
DATE: 01/20/12
TITLE: REINFORCED VINYL MULLIONS



1 COCHRANE AVE., PENNSBORO, WV 26415
PH. 800-426-2249

EXTRUDED NON-IMPACT VINYL MULLIONS
WITH ALUMINUM REINFORCEMENT
ALL NON-IMPACT WINDOW SERIES



PROFINISH H-MULLION
LARGE VINYL MULLION COVER #VPI-560
EXTRUDED VINYL .079" MIN.

MAXIMUM SINGLE WINDOW WIDTH

WINDOW TYPE	WINDOW WIDTH
SINGLE HUNG	52"
DOUBLE HUNG	56"
HORIZONTAL SLIDER	72"
CASEMENT	36"
FIXED	96"

MULLION TRIBUTARY WIDTH = SUM
OF ZONE 2 WINDOW WIDTHS

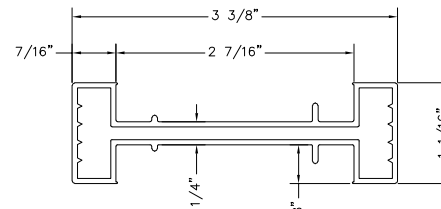
SEE NOTES SHEETS 6, 7, AND 8 FOR REQUIRED ANCHORAGE INFORMATION.

REVISIONS

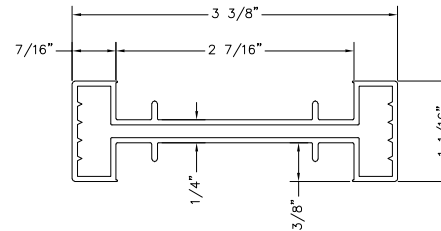
REV.	DESCRIPTION	DATE	BY
5	Updated DP ratings chart and added new mullion covers.	06/20/2012	T.D.D.
6	Revised per 5th Ed. (2014) FBC	04/25/2015	LAT
7	Updated Note 1, Sheet 1	10/03/2017	LMH
8	Add 'New' to 4000 Series	04/19/2023	LMH
9	Updated to Current FBC	08/03/2026	LMH

TABLE B – MAXIMUM DESIGN PRESSURES (PSF)
MULLION #16991

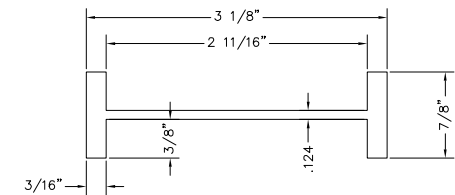
		Individual Unit Width												
		24	28	32	36	40	44	48	52	56	60	64	68	72
Mullion Length	40	75	75	75	75	75	75	75	75	75	75	75	75	75
	44	75	75	75	75	75	75	75	75	75	75	75	75	75
	48	75	75	75	75	75	75	75	75	75	75	75	75	75
	52	75	75	75	75	75	75	75	75	75	75	75	75	75
	56	75	75	75	75	75	75	70	70	70	70	70	70	70
	60	75	75	75	75	70	65	65	65	60	60	60	60	60
	64	75	75	70	65	65	60	55	55	55	55	55	55	55
	68	75	75	65	60	55	55	50	50	50	50	45	45	45
	72	75	70	60	55	55	50	45	45	45	45	40	40	40
	76	70	65	55	50	50	45	45	40	40	40	40	40	35
	80	65	60	55	50	45	40	40	40	35	35	35	35	35
	84	65	55	50	45	40	40	35	35	35	35	30	30	30
	88	60	55	45	45	40	35	35	35	30	30	30	30	30
	92	55	50	45	40	35	35	35	30	30	30	25	25	25
	96	55	45	40	40	35	35	30	30	30	25	25	25	25



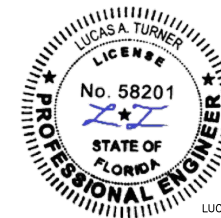
RETROFIT H-MULLION
LARGE VINYL MULLION COVER #VPI-354
EXTRUDED VINYL .071" MIN.



NEW 4000 SERIES RETROFIT H-MULLION
LARGE VINYL MULLION COVER #VPI-354A
EXTRUDED VINYL .071" MIN.



LARGE MULL REINFORCEMENT #16991
ALUMINUM 6063-T6



08/03/2026
LUCAS A. TURNER, P.E.
FL PE # 58201
TURNER ENGINEERING &
CONSULTING, INC.
(COA # 29779)
2428 OLD NACHEZ TRACE
TRAIL, CAMDEN, TN 38320
PH. 941-380-1574

SIZE: 0.75:1 SHEET 3 of 8
DRAWING NUMBER: RM0015B 9
DATE: 3-20-06
DRAWN BY: RTW
CHECKED BY: TDD
DATE: 01/20/12
APPROVED BY: JAP
DATE: 01/20/12
SIMONTON WINDOWS
SERIES: ALL MULLED PRODUCTS
TITLE: REINFORCED VINYL MULLIONS

1 COCHRANE AVE. PENNSBORO, WV 26415
PH. 800-426-2249

EXTRUDED NON-IMPACT VINYL MULLIONS
WITH ALUMINUM REINFORCEMENT
ALL NON-IMPACT WINDOW SERIES

REVISIONS			
REV.	DESCRIPTION	DATE	BY
5	Updated DP ratings chart and added new mullion cover.	06/20/2012	T.D.D.
6	Revised per 5th Ed. (2014) FBC	04/25/2015	LAT
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9	Updated to Current FBC	08/03/2026	LMH

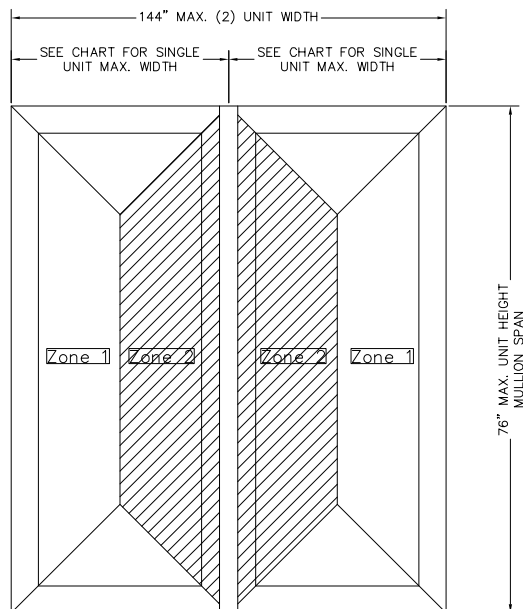
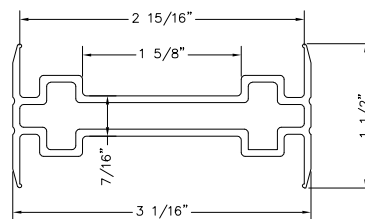


TABLE C - MAXIMUM DESIGN PRESSURES (PSF)
MULLION #16990

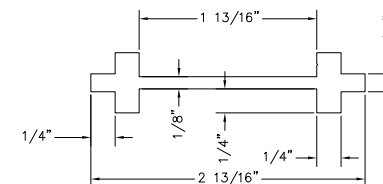
		Individual Unit Width												
		24	28	32	36	40	44	48	52	56	60	64	68	72
Mullion Length	40	75	75	75	75	75	75	75	75	75	75	75	75	75
	44	75	75	75	75	75	75	75	75	75	75	75	75	75
	48	75	75	75	75	75	75	75	75	75	75	75	75	75
	52	75	75	75	75	75	75	70	70	70	70	70	70	70
	56	75	75	70	65	60	60	55	55	55	55	55	55	55
	60	70	60	55	50	50	45	45	40	40	40	40	40	40
	64	60	50	45	40	40	35	35	35	30	30	30	30	30
	68	45	40	35	35	30	30	25	25	25	25	25	25	25
	72	40	35	30	25	25	25	20	20	20	20	20	20	20
	76	35	30	25	20	20	20	20	15	15	15	15	15	15

MAXIMUM SINGLE WINDOW WIDTH	
WINDOW TYPE	WINDOW WIDTH
SINGLE HUNG	52"
DOUBLE HUNG	56"
HORIZONTAL SLIDER	72"
CASEMENT	36"
FIXED	96"

MULLION TRIBUTARY WIDTH = SUM
OF ZONE 2 WINDOW WIDTHS

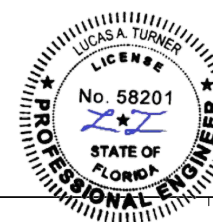


MEDIUM H-MULLION VINYL COVER #V346A
ALL NEW CONSTRUCTION
EXTRUDED VINYL .071" MIN.

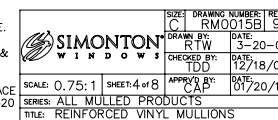


MEDIUM MULL REINFORCEMENT #16990
ALUMINUM 6063-T6

SEE NOTES SHEETS 6, 7, AND 8 FOR REQUIRED ANCHORAGE INFORMATION.



08/03/2026
LUCAS A. TURNER, P.E.
FL PE # 58201
TURNER ENGINEERING &
CONSULTING, INC.
(COA # 29779)
2428 OLD NATCHEZ TRAC
TRAIL, CAMDEN, TN 38321
PH. 941-380-1574





1 COCHRANE AVE. PENNSBORO, WV 26415
PH. 800-426-2249

EXTRUDED NON-IMPACT VINYL MULLIONS
WITH ALUMINUM REINFORCEMENT
ALL NON-IMPACT WINDOW SERIES

REVISIONS

REV.	DESCRIPTION	DATE	BY
5	Updated DP ratings chart and added new mullion covers.	06/20/2012	T.D.D.
6	Revised per 5th Ed. (2014) FBC	04/25/2015	LAT
7	Updated Note 1, Sheet 1	10/03/2017	LMH
8	Add 'New' to 4000 Series	04/19/2023	LMH
9	Updated to Current FBC	08/03/2026	LMH

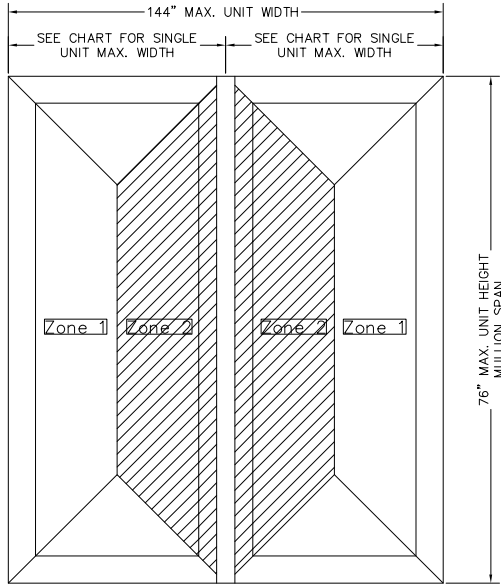


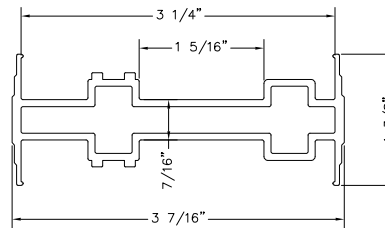
TABLE D — MAXIMUM DESIGN PRESSURES (PSF)
MULLION # 20634

		Individual Unit Width													
		24	28	32	36	40	44	48	52	56	60	64	68	72	
Mullion Length	40	75	75	75	75	75	75	75	75	75	75	75	75	75	
	44	75	75	75	75	75	75	75	75	75	75	75	75	75	
	48	75	75	75	75	75	75	75	75	75	75	75	75	75	
	52	75	75	75	75	75	75	75	75	75	75	75	75	75	
	56	75	75	75	70	65	60	60	60	60	60	60	60	60	
	60	75	65	60	55	50	50	45	45	45	45	45	45	45	
	64	60	55	50	45	40	40	35	35	35	35	35	35	35	
	68	50	45	40	35	30	30	30	25	25	25	25	25	25	
	72	40	35	30	30	25	25	25	20	20	20	20	20	20	
	76	35	30	25	25	20	20	20	20	15	15	15	15	15	

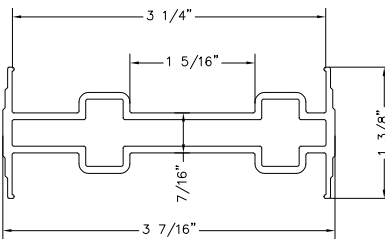
MAXIMUM SINGLE WINDOW WIDTH

WINDOW TYPE	WINDOW WIDTH
DOUBLE HUNG	56"
HORIZONTAL SLIDER	72"
CASEMENT	36"
FIXED	96"

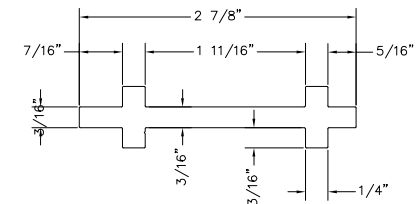
MULLION TRIBUTARY WIDTH = SUM
OF ZONE 2 WINDOW WIDTHS



MEDIUM H-MULLION VINYL COVER #VPI-436
FOR ANY RETROFIT HOOKED FRAME
EXTRUDED VINYL .070" MIN.

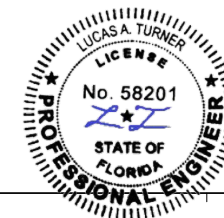


NEW 4000 SERIES MEDIUM VINYL
H-MULLION COVER #MP0347
EXTRUDED VINYL 0.070" MIN.



MEDIUM MULL REINFORCEMENT #20634
ALUMINUM 6063-T6

SEE NOTES SHEETS 6, 7, AND 8 FOR REQUIRED ANCHORAGE INFORMATION.



08/03/2026
LUCAS A. TURNER, P.E.
FL PE # 58201
TURNER ENGINEERING &
CONSULTING, INC.
(COA # 29779)
2428 OLD NATCHEZ TRACE
TRAIL, CAMDEN, TN 38320
PH. 941-380-1574

SIMONTON
WINDOWS
SCALE: 0.75:1
SHEET 5 of 8
SERIES: ALL MULLED PRODUCTS
TITLE: REINFORCED VINYL MULLIONS



1 COCHRANE AVE. PENNSBORO, WV 26415
PH. 800-426-2249

EXTRUDED NON-IMPACT VINYL MULLIONS
WITH ALUMINUM REINFORCEMENT
ALL NON-IMPACT WINDOW SERIES

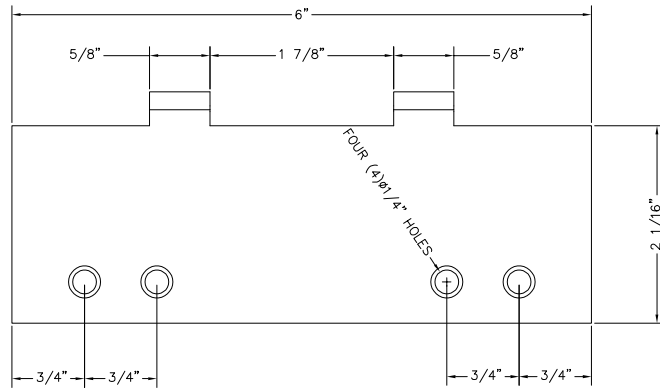
ALUMINUM MULLION
REINFORCEMENT
6063-T6

EXTRUDED VINYL
MULLION COVER

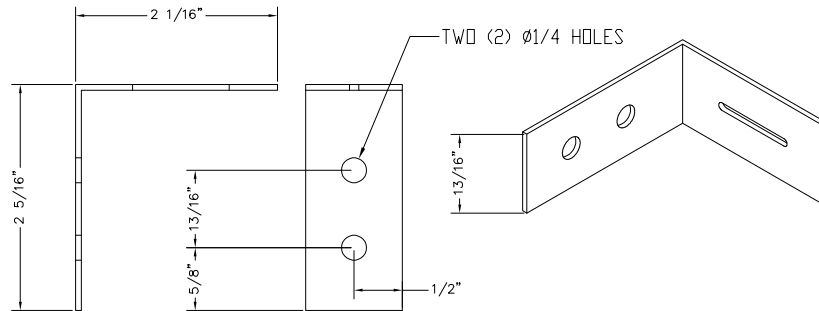
L-BRACKET

BASE PLATE

DETAIL A
SCALE 1:1



REINFORCEMENT BASE PLATE DETAIL
.060" MIN. STAINLESS STEEL
ANSI 302/304



REINFORCEMENT L-BRACKET
0.076" MIN. STAINLESS STEEL
ANSI 302/304

SEE MANUFACTURER'S INSTALLATION
INSTRUCTIONS FOR ATTACHING REINFORCED
MULLIONS TO WINDOW UNITS. TYPICALLY,
USE SELF-TAPPING SCREW OF SUFFICIENT
LENGTH TO FULLY ENGAGE THREADS THROUGH
THE ALUMINUM REINF., AT THE ANCHOR SIZE
AND SPACING INDICATED IN THE APPLICABLE
WINDOW PRODUCT APPROVAL FOR
ATTACHMENT TO WOOD SUBSTRATE.

SEE MANUFACTURER'S ATTACHMENT
INSTRUCTIONS FOR ATTACHING REINFORCED
MULLIONS TO WINDOW UNITS

BASE PLATE

L-BRACKET IS ATTACHED TO
VINYL MULLION COVER AND
MULLION REINFORCEMENT
USING (2) RIVETS OR BARREL
NUTS (305 LB. MAX. SHEAR)
2 PLACES EACH L-BRACKET
(REFER TO TABLE 1)

PAK-WIK SPACER
1" X 1/2" X 1/4" THICK
MAX. (4) REQ. - (2) AT
TOP & (2) AT BOTTOM

L-BRACKET

ASSEMBLED MULLION ATTACHMENT VIEW

TABLE 1 - MULLION ATTACHING HARDWARE

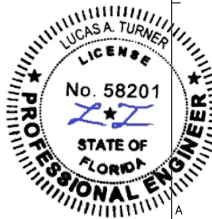
RIVET	.25 DIA. STEEL RIVET WITH A GRIP LENGTH OF .50 MAX.
BARREL NUT	#10-24 OR #10-32 STAINLESS STEEL BARREL NUT. .250 O.D. X .25" LG WITH .125 MIN. ENGAGEMENT

NOTES:

1. WOOD FRAME: USE (4) #10 X 1-3/4" WOOD SCREWS AT THE HEAD AND SILL THROUGH BASE PLATES, WITH 1-1/2" MINIMUM EMBEDMENT INTO WOOD FOR MULLION ATTACHMENT. SEE SHEET 7 FOR DETAILS.
2. MASONRY/CONCRETE: USE (2) ITW TAPCON OR DEWALT ULTRAICON+ ANCHORS AT HEAD AND SILL THROUGH BASE PLATES. SEE SHEET 8 FOR DETAILS.
3. IF PRODUCT IS INSTALLED WITHIN 3000 FEET OF A SALWATER COASTLINE, THE ANCHORAGE MUST BE REVIEWED FOR COMPLIANCE WITH FBC SECTION 1711, FOR DETAILS SEE EVALUATION REPORT FOR THIS APPROVAL.
4. TWO (2) RIVETS OR BARREL NUTS ARE REQUIRED TO ATTACH L-BRACKETS TO ALUMINUM MULLION. SEE TABLE 1 (THIS SHEET).

REVISIONS

REV.	DESCRIPTION	DATE	BY
5	Updated DP ratings chart and added new mullion covers.	06/20/2012	T.D.D.
6	Revised per 5th Ed. (2014) FBC	04/25/2015	LAT
7	Updated Note 1, Sheet 1	10/03/2017	LMH
8	Add 'New' to 4000 Series	04/19/2023	LMH
9	Updated to Current FBC	08/03/2026	LMH



08/03/2026
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FL PE # 58201
TURNER ENGINEERING &
CONSULTING, INC.
(COA # 29779)
2428 OLD NATCHEZ TRACE
TRAIL, CAMDEN, TN 38320
PH. 941-380-1574

SIZE: DRAWING NUMBER: REV.
C RM0015B 9
DRAWN BY: RTW DATE: 3-20-06
CHECKED BY: TDD DATE: 12/18/08
APPROVED BY: CAP DATE: 01/20/12
SCALE: 0.75:1 SHEET 6 of 8
SERIES: ALL MULLED PRODUCTS
TITLE: REINFORCED VINYL MULLIONS

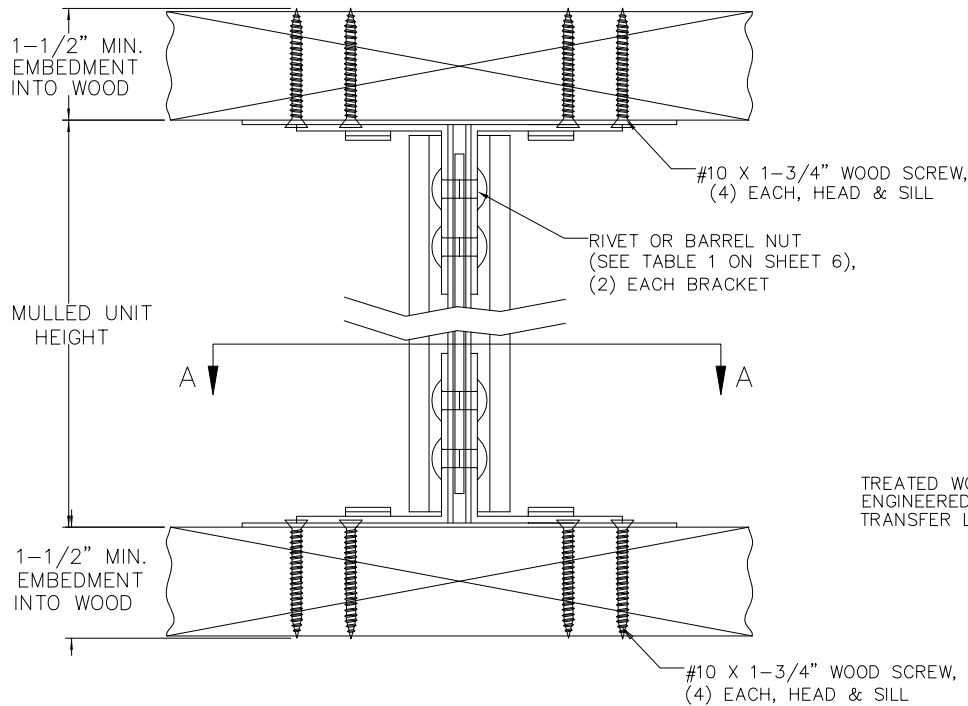


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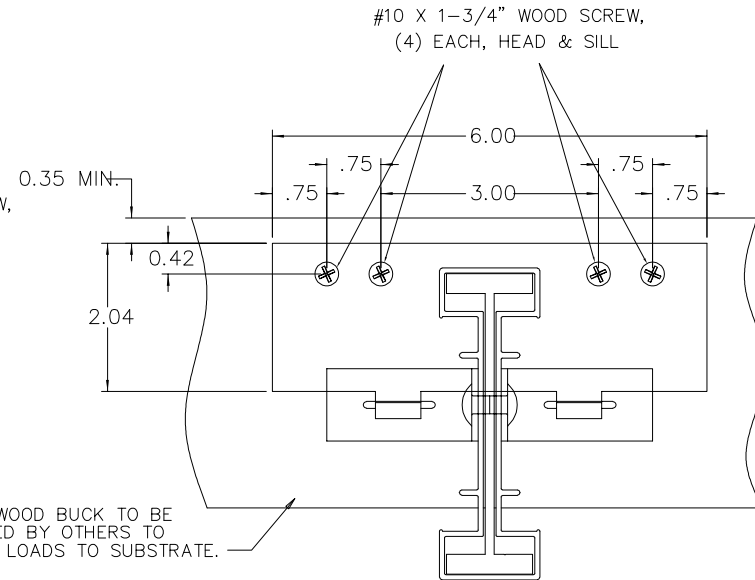
EXTRUDED NON-IMPACT VINYL MULLIONS
WITH ALUMINUM REINFORCEMENT
ALL NON-IMPACT WINDOW SERIES

REVISIONS

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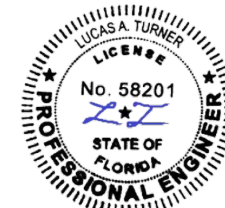
VERTICAL CROSS SECTION
WITH 2X WOOD SUBSTRATE



SECTION A-A

NOTES:

1. THE MULLION PRODUCTS AND THEIR INSTALLATION COMPLY WITH THE CURRENT FBC STRUCTURAL REQUIREMENTS AND ARE LIMITED TO USE OUTSIDE THE HVHZ.
2. THE MULLIONS SHALL BE USED IN CONNECTION WITH FBC APPROVED PRODUCTS.
3. ANCHORS SHALL HAVE 1-1/2" MINIMUM EMBEDMENT INTO WOOD AND 7/8" MINIMUM WOOD EDGE DISTANCE.
4. IF PRODUCT IS INSTALLED WITHIN 3000 FEET OF A SALWATER COASTLINE, THE ANCHORAGE MUST BE REVIEWED FOR COMPLIANCE WITH FBC SECTION 1711, FOR DETAILS SEE EVALUATION REPORT FOR THIS APPROVAL.
5. ATTACHMENT OF ALL 2X TREATED WOOD BUCKS SHALL BE ENGINEERED SEPARATELY BY OTHERS.
6. WOOD SHALL BE TREATED 2X SPRUCE, PINE, OR FIR.
7. #10 WOOD SCREWS SHALL BE STEEL CONFORMING TO ASTM A 653.
8. BASE PLATES AND L-BRACKETS ARE STAINLESS STEEL CONFORMING TO ANSI 302/304.
9. SIMILAR INSTALLATIONS ARE USED ON HEAD AND SILL.
10. WHEN INSTALLED IN LOCATIONS WHERE WINDBORNE DEBRIS PROTECTION IS REQUIRED, USE OF AN IMPACT PROTECTIVE SYSTEM IS REQUIRED.



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FL PE # 58201
TURNER ENGINEERING & CONSULTING, INC.
(COA # 29779)
2428 OLD NATCHEZ TRACE
TRAIL, CAMDEN, TN 38320
PH. 941-380-1574

SIZE: 11x17	DRAWING NUMBER: C1	REV: 9
DATE: 03-20-06	DATE: 12/18/08	DATE: 01/20/12
SCALE: 0.75:1	SHEET: 7 of 8	APPROVED BY: CAP
SERIES: ALL MULLED PRODUCTS	TITLE: REINFORCED VINYL MULLIONS	



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EXTRUDED NON-IMPACT VINYL MULLIONS
WITH ALUMINUM REINFORCEMENT
ALL NON-IMPACT WINDOW SERIES

CONCRETE- MINIMUM COMPRESSIVE STRENGTH OF 2.85 KSI,
MASONRY- STRENGTH CONFORMANCE TO ASTM C-90

1-3/4" MIN. EMB.
INTO CONCRETE
1-3/8" MIN. EMB.
INTO CMU

WITH 1 BY WOOD
BUCK SHOWN

1/4" MAX.
SHIM

CONC./MASONRY ANCHOR, SEE NOTE 3.
MIN. 4" SPACING BETWEEN ANCHORS

RIVET OR BARREL NUT
(SEE TABLE 1 ON SHEET 6),
(2) EACH BRACKET

MULLED UNIT
HEIGHT

WITHOUT 1 BY WOOD
BUCK SHOWN

CONCRETE- MINIMUM COMPRESSIVE STRENGTH OF 2.85 KSI
MASONRY- STRENGTH CONFORMANCE TO ASTM C-90

1-3/4" MIN. EMBED.
INTO CONCRETE
1-3/8" MIN. EMBED.
INTO CMU

CONC./MASONRY ANCHOR, SEE NOTE 3.
MIN. 4" SPACING BETWEEN ANCHORS

VERTICAL CROSS SECTION WITH MASONRY/CONCRETE SUBSTRATE

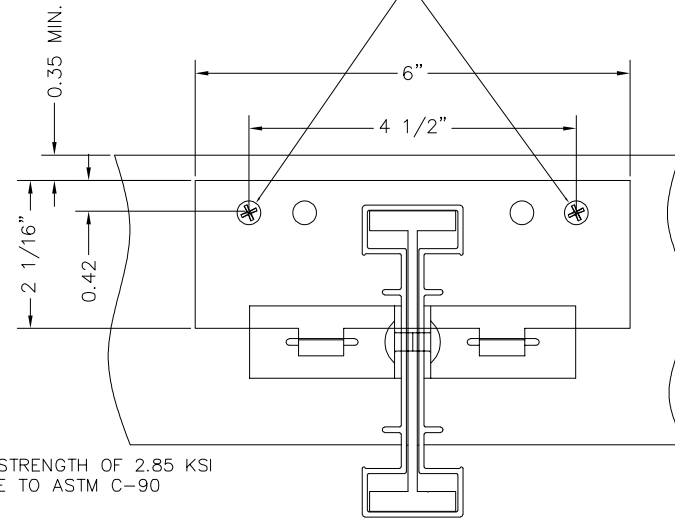
NOTES:

1. THE MULLION PRODUCTS AND THEIR INSTALLATION COMPLY WITH THE CURRENT FBC STRUCTURAL REQUIREMENTS AND ARE LIMITED TO USE OUTSIDE THE HVHZ.
2. THE MULLIONS SHALL BE USED IN CONNECTION WITH FBC APPROVED PRODUCTS.
3. ANCHORS IN GROUT-FILLED CMU BLOCK (ASTM C-90 COMPLIANT) SHALL BE 1/4" DEWALT UTRACON+'S WITH 1-3/8" MIN. EMBED. TO BLOCK, AND 1" MIN. EDGE DIST. ANCHORS IN SOLID CONCRETE (2.85 KSI MIN.) SHALL BE 3/16" ITW TAPCONS OR 1/4" DEWALT UTRACON+'S WITH 1-3/4" MIN. EMBED. TO CONCRETE, AND 1-1/8" MIN. EDGE DIST.
4. IF PRODUCT IS INSTALLED WITHIN 3000 FEET OF A SALWATER COASTLINE, THE ANCHORAGE MUST BE REVIEWED FOR COMPLIANCE WITH FBC SECTION 1711, FOR DETAILS SEE EVALUATION REPORT FOR THIS APPROVAL.
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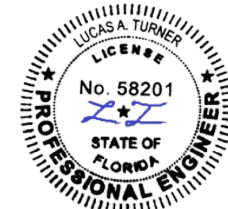
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INSTALL ANCHORS THROUGH OUTERMOST HOLES.
SEE NOTE 3



SECTION A-A



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