



EXTRUDED ALUMINUM,
CLIPPED MULLIONS

1) THIS PRODUCT HAS BEEN EVALUATED AND IS IN COMPLIANCE WITH THE FLORIDA BUILDING CODE (FBC) STRUCTURAL REQUIREMENTS, EXCLUDING THE "HIGH VELOCITY HURRICANE ZONE".

2) WHEN USED IN AREAS REQUIRING WIND BORNE DEBRIS PROTECTION, THIS PRODUCT (IF MULLED TOGETHER WITH IMPACT RATED WINDOWS) DOES NOT REQUIRE PROTECTION FROM AN IMPACT RESISTANT COVERING WHEN USED IN WIND ZONES 1, 2 AND 3 AS DEFINED BY ASTM E 1996.

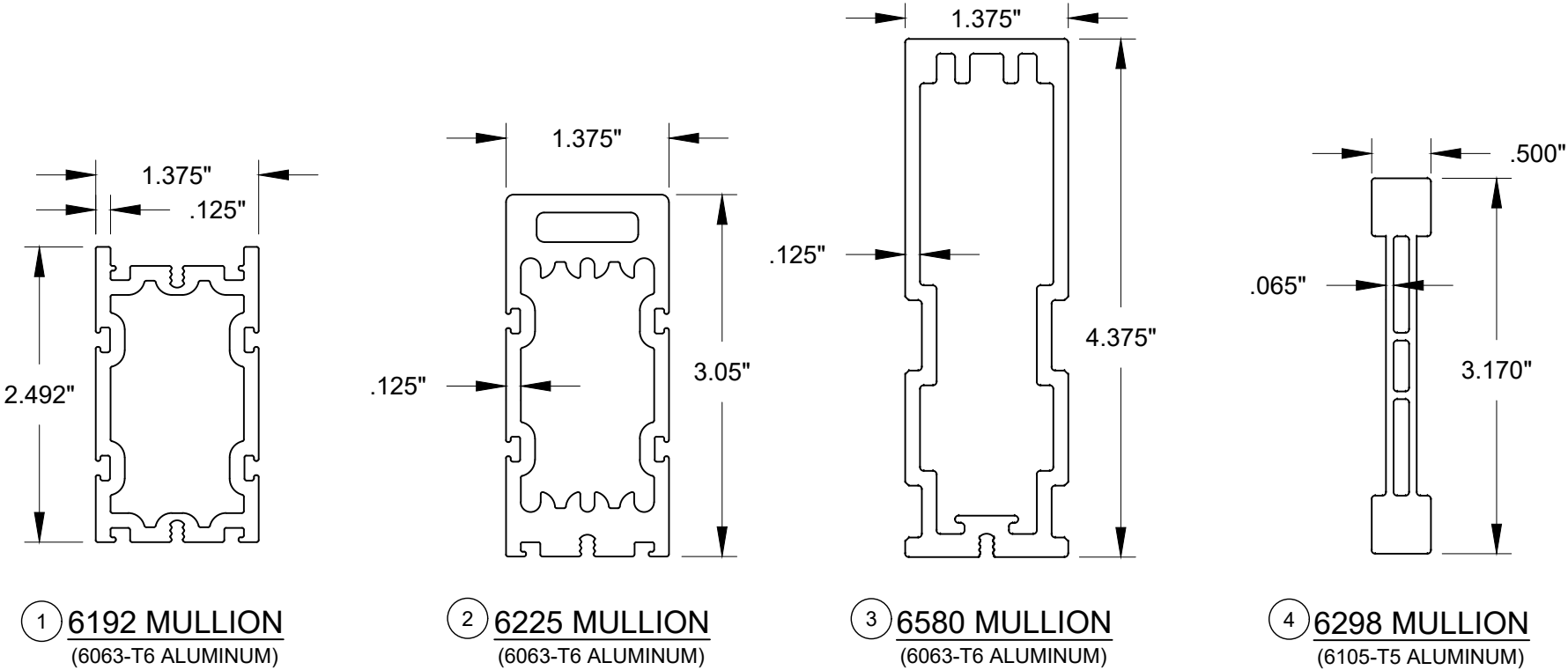
3) SEPARATE PRODUCT APPROVALS FOR EACH GLAZING PRODUCT USED WITH THESE MULLIONS MUST BE SUBMITTED ALONG WITH THIS MULLION PRODUCT APPROVAL. THE DESIGN PRESSURE RATING OF THE ASSEMBLY SHALL BE THE LESSER OF THE LOAD CAPACITY OF THE MULLION AS SPECIFIED USING THIS APPROVAL OR THE DESIGN PRESSURE RATING OF THE INDIVIDUAL GLAZING PRODUCTS USED.

4) 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.

5) MULLION ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

6) ANY CONDITIONS NOT COVERED IN THIS EVALUATION ARE SUBJECT TO SEPARATE ENGINEERING EVALUATION.

7) FOR 2X STUD FRAMING CONSTRUCTION, ANCHORING OF THESE UNITS SHALL BE THE SAME AS THAT SHOWN FOR 2X BUCK MASONRY CONSTRUCTION.



ANCHOR TABLE:

Anchor Type	Anchor Size	Min. Embedment	Min. Edge Distance	Min. O.C. Distance
DeWalt Ultracon+	3/16" or 1/4"	1-3/4"	1"	1-7/8"
Steel Wood Screw	#10 or #12	1-3/8"	1"	1"

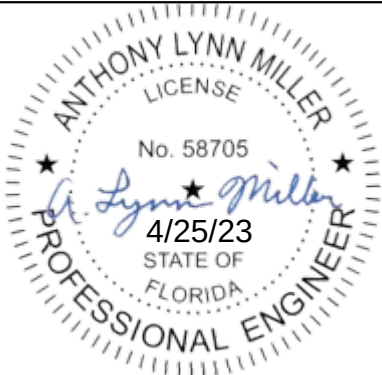
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2	Typical elevations
3,4	Component details & cross sections
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23	3419 Anchor bracket details
24	3418 & F-6150 Anchor bracket details
25	5951 Anchor bracket details

Title: ALUMINUM CLIPPED MULLION (LM)		Drawn By: S.B.		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	
Description: GENERAL NOTES		Date: 04/24/23			
Revision:		Rev. By:	Rev. Date:		
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ANCHOR NOTES:

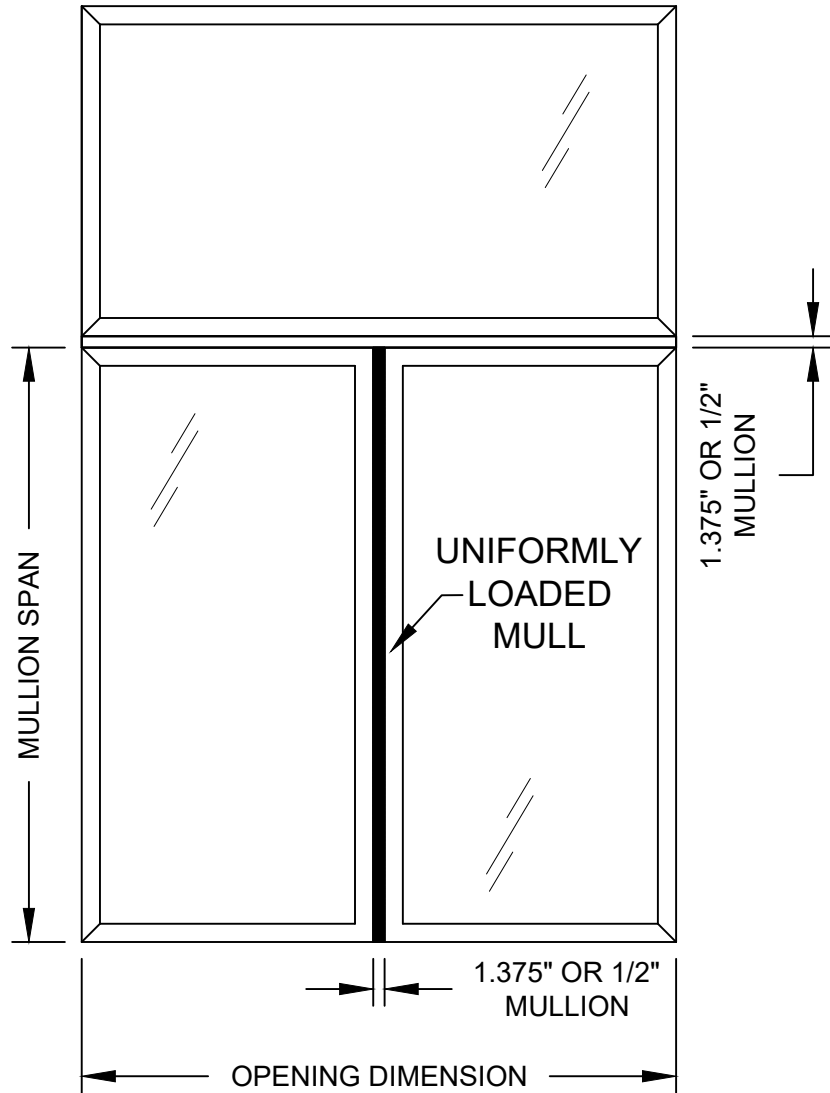
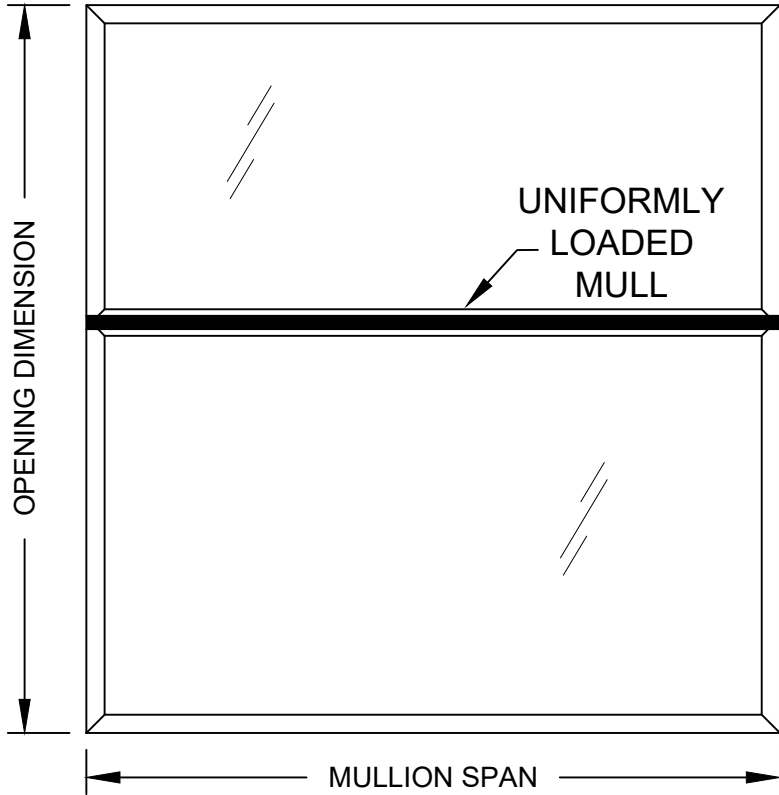
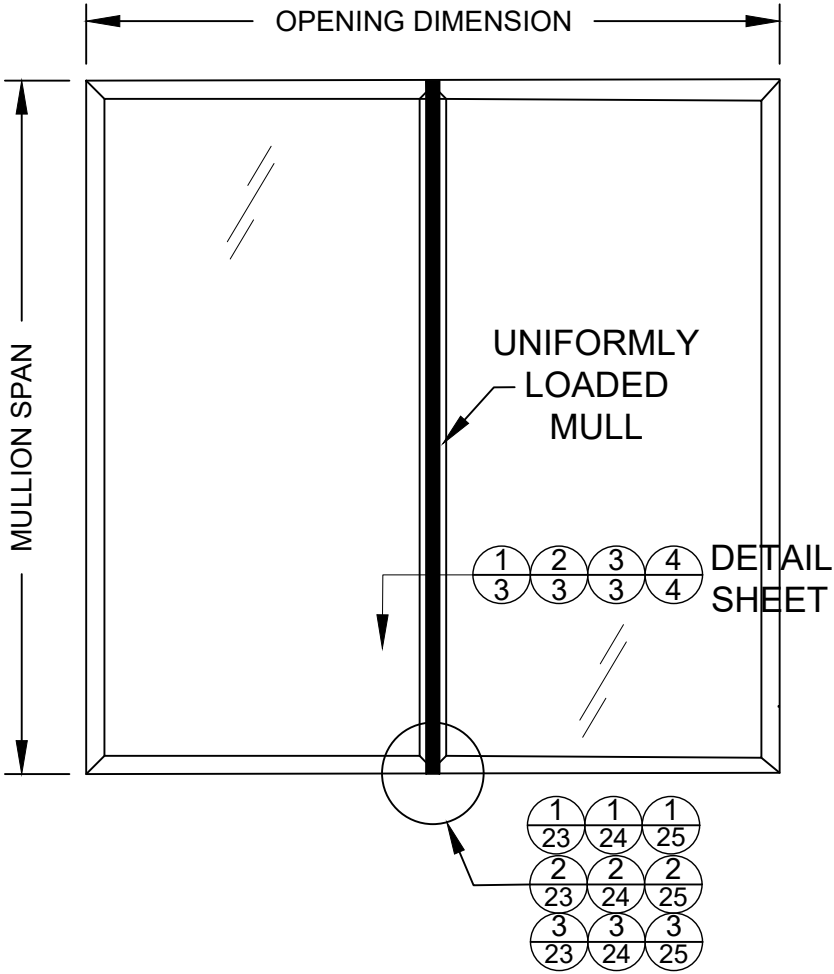
1) SUBSTITUTION OF EQUAL CONCRETE ANCHORS FROM A DIFFERENT SUPPLIER MAY HAVE DIFFERENT EDGE DISTANCE AND CENTER DISTANCE REQUIREMENTS.

2) CONCRETE SHALL BE 3K PSI CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90.

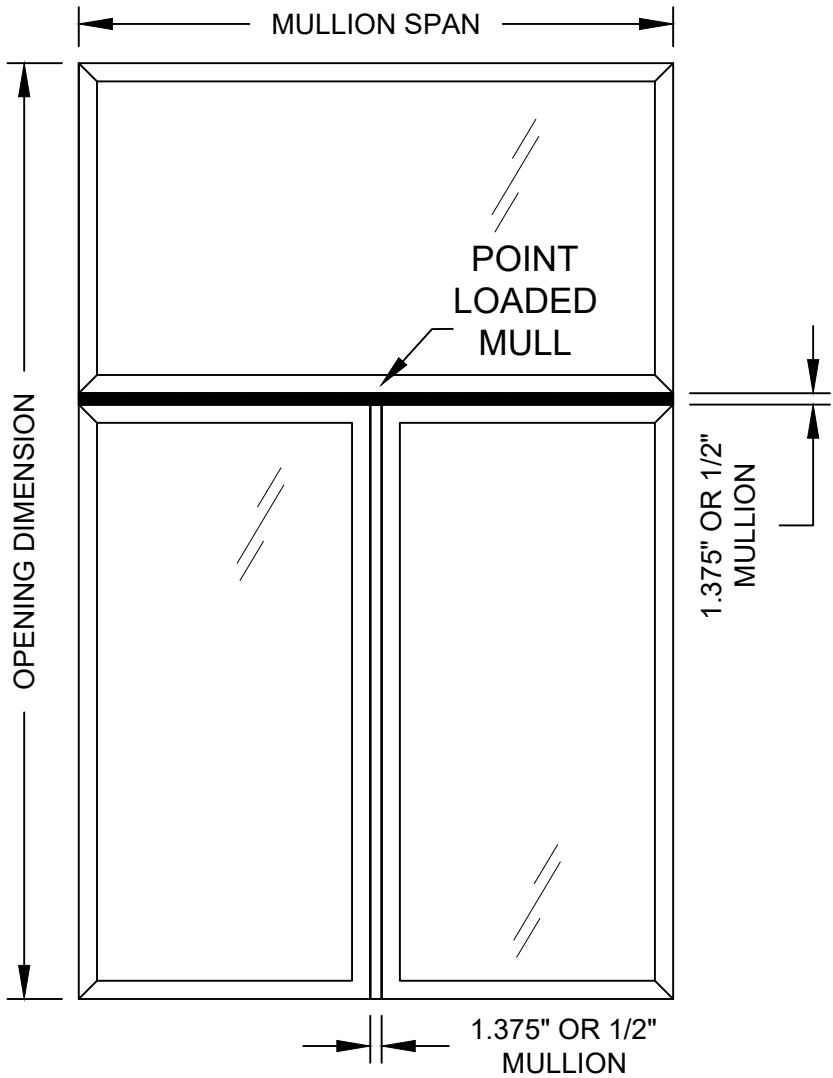


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UNIFORMLY LOADED MULLIONS
(TWIN UNIT SHOWN, MULTIPLES ALSO ALLOWED)



POINT LOADED MULLION
(TWIN UNIT SHOWN, MULTIPLES ALSO ALLOWED)



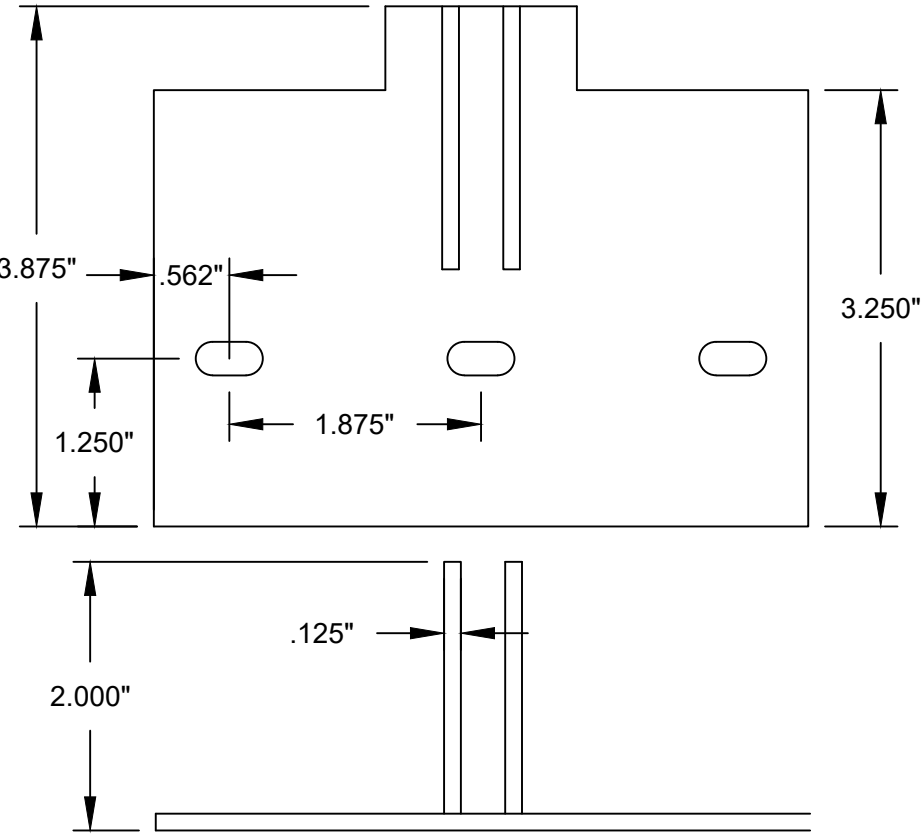
NOTE:
A POINT LOADED MULLION IS ONE THAT SUPPORTS THE END OF
ANOTHER MULLION ALONG ITS SPAN.

Title: ALUMINUM CLIPPED MULLION (LM)				Drawn By: S.B.		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2023 NEWSOUTH WINDOWS. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING. REGISTRATION #29296
Description: TYPICAL ELEVATIONS					Date: 04/24/23	
Revision:				Rev. By:	Rev. Date:	
Series: MULLS	Scale: NTS	Sheet: 2 OF 25	Drawing No. NSMULLFPA-1	Rev:		

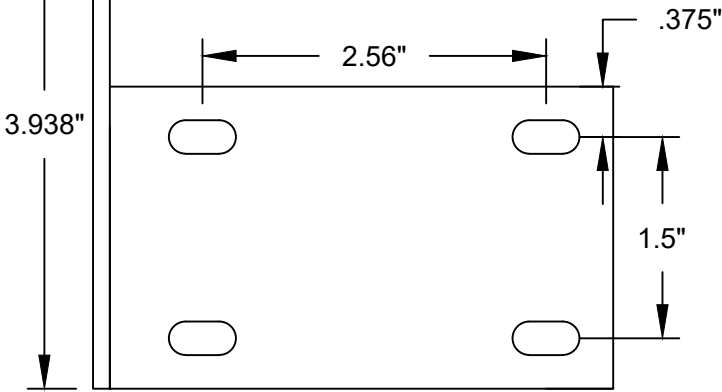
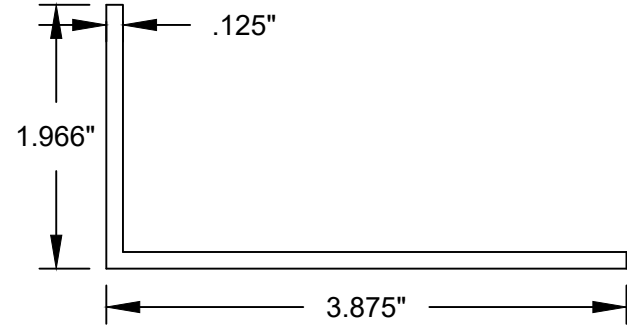


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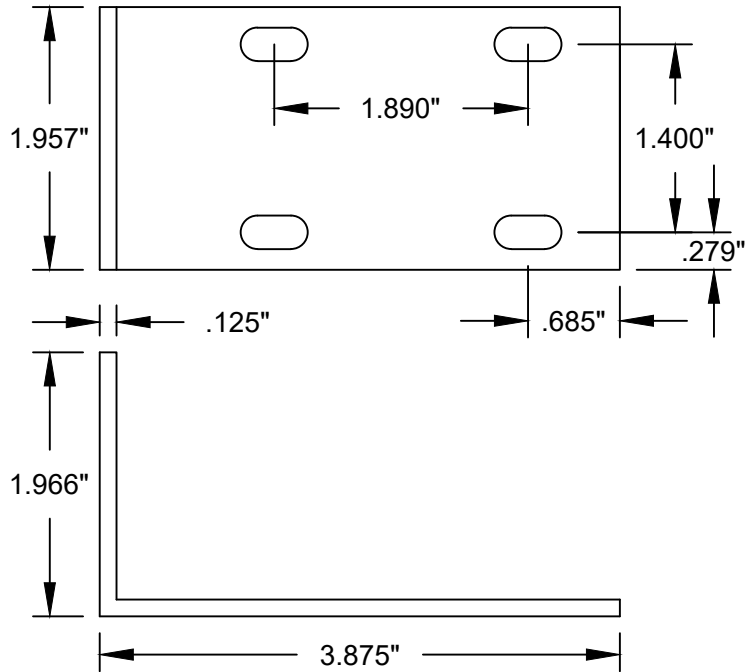
NOTE: ANCHOR BRACKETS 3418 AND 3419 ARE USED WITH MULLIONS: 6192 & 6225. ANCHOR BRACKET F-6150 IS USED WITH MULLION 6580.



5 MULLION ANCHOR BRACKET (3419)
(6063-T6 ALUMINUM)

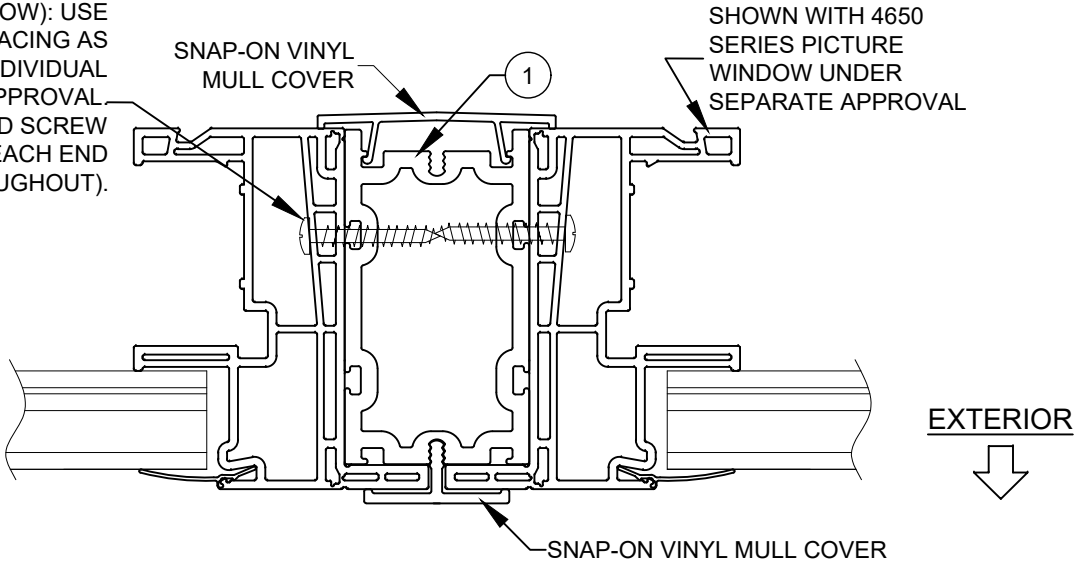


7 MULLION ANCHOR BRACKET (T-6150)
(6063-T6 ALUMINUM)

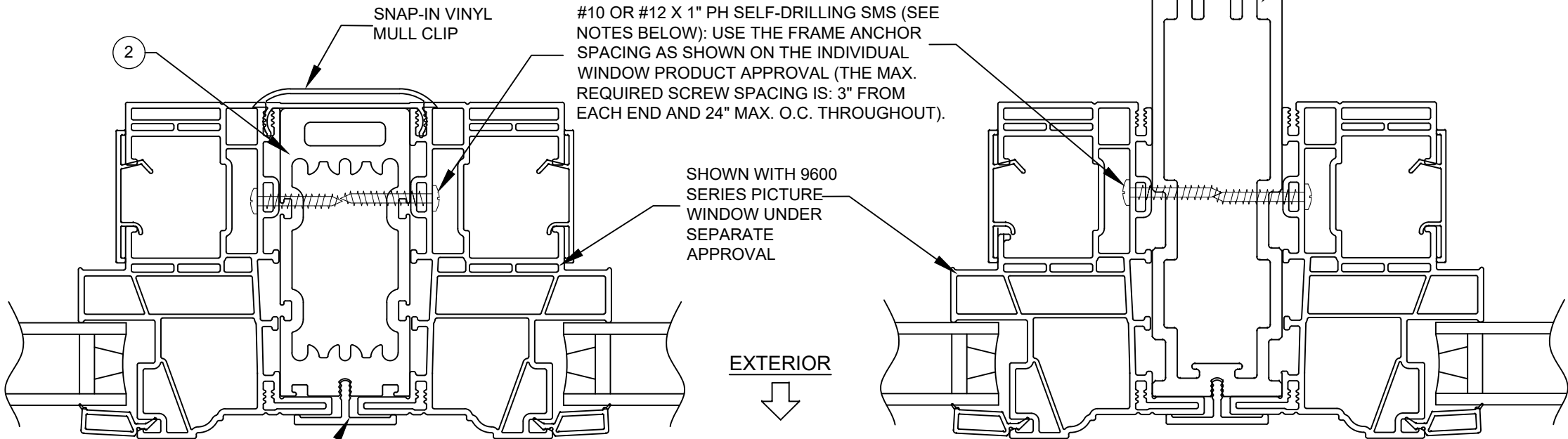


6 MULLION ANCHOR BRACKET (3418)
(6063-T6 ALUMINUM)

#10 OR #12 X 1" PH SELF-DRILLING SMS (SEE NOTES BELOW): USE THE FRAME ANCHOR SPACING AS SHOWN ON THE INDIVIDUAL WINDOW PRODUCT APPROVAL. (THE MAX. REQUIRED SCREW SPACING IS: 3" FROM EACH END AND 24" MAX. O.C. THROUGHOUT).



1/3 HORIZONTAL CROSS SECTION (VERT. SIMILAR)
(SHOWN WITH 6192 MULLION)

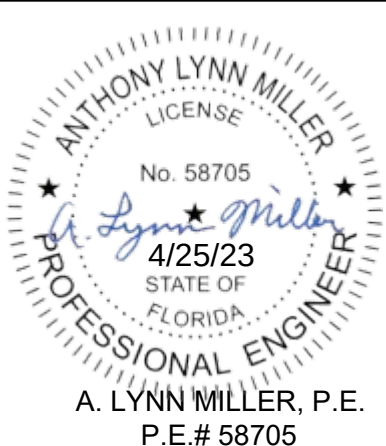


2/3 3/3 HORIZONTAL CROSS SECTION (VERT. SIMILAR)
(SHOWN WITH 6225 AND 6580 MULLION)

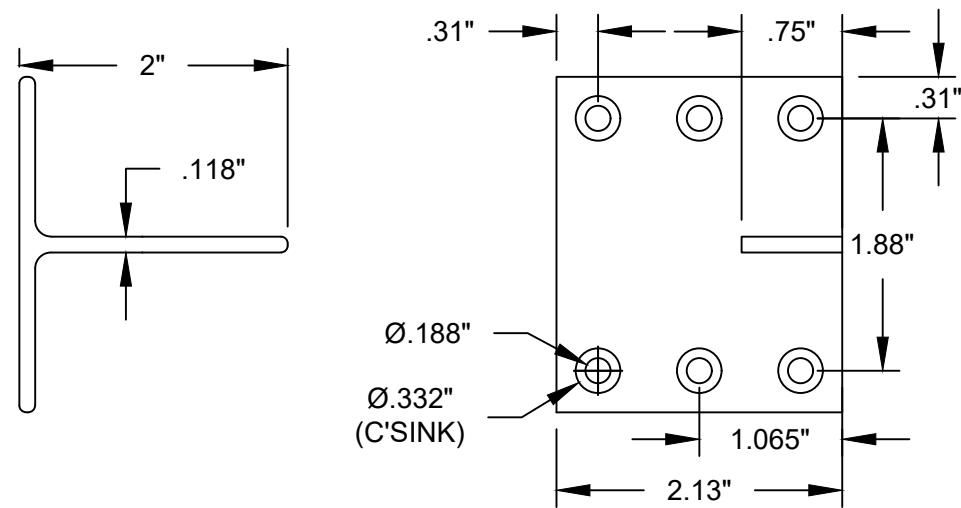
NOTES:
1) REFER TO INDIVIDUAL WINDOW PRODUCT APPROVAL FOR FABRICATION AND INSTALLATION REQUIREMENTS, INCLUDING GLAZING DETAILS, FRAME REINFORCEMENT AND ANCHORING SPECIFICATIONS.
2) SHEET METAL SCREWS (SELF-DRILLING) SHALL HAVE A MINIMUM OF 3 THREADS PROTRUDE COMPLETELY THROUGH THE MULLION FRAME. MAINTAIN A MIN. 1/4" EDGE DISTANCE.

Title: ALUMINUM CLIPPED MULLION (LM)			Drawn By: S.B.		
Description: ANCHOR BRACKET #3418 AND #3419 DETAILS & CROSS SECTIONS			Date: 04/24/23		
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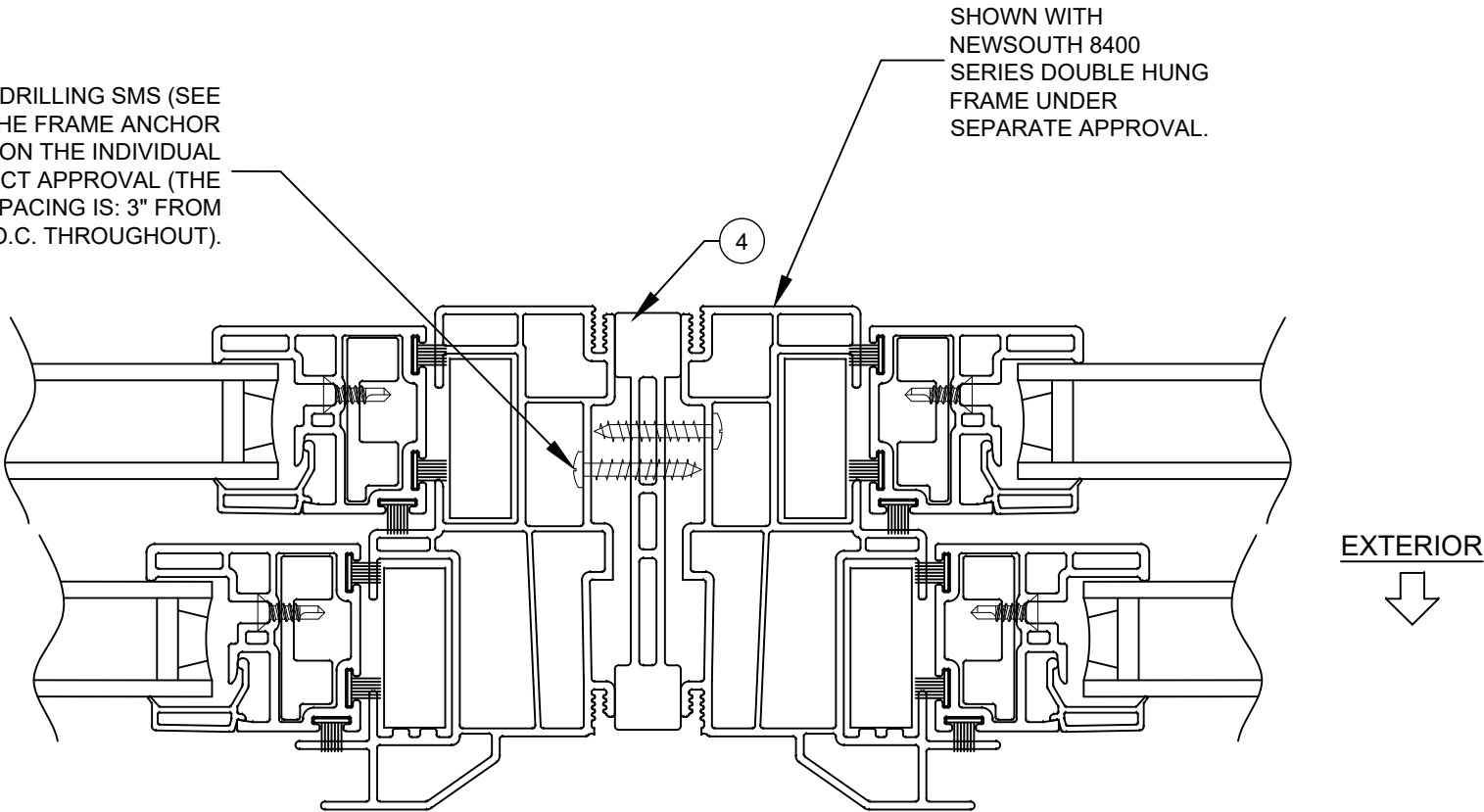


NOTE: ANCHOR BRACKET 5951 IS USED WITH THE FOLLOWING MULLION: 6298



8 **MULLION ANCHOR BRACKET (5951)**
(6063-T6 ALUMINUM)

#10 OR #12 X 1" PH SELF-DRILLING SMS (SEE NOTES BELOW): USE THE FRAME ANCHOR SPACING AS SHOWN ON THE INDIVIDUAL WINDOW PRODUCT APPROVAL (THE MIN.REQUIRED SCREW SPACING IS: 3" FROM EACH END AND 24" MAX. O.C. THROUGHOUT).



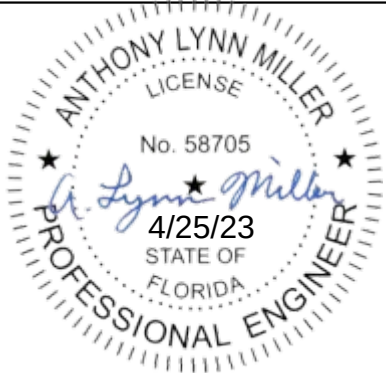
4 **HORIZONTAL CROSS SECTION (VERT. SIMILAR)**
(SHOWN WITH MULLION 5902)

NOTES:
1) REFER TO INDIVIDUAL WINDOW PRODUCT APPROVAL FOR FABRICATION AND INSTALLATION REQUIREMENTS, INCLUDING GLAZING DETAILS, FRAME REINFORCEMENT AND ANCHORING SPECIFICATIONS.
2) SHEET METAL SCREWS (SELF-DRILLING) SHALL HAVE A MINIMUM OF 3 THREADS PROTRUDE COMPLETELY THROUGH THE MULLION FRAME. MAINTAIN A MIN. 1/4" EDGE DISTANCE.

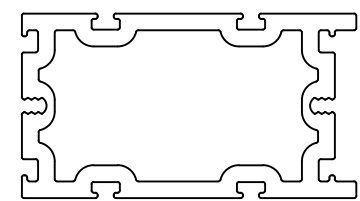
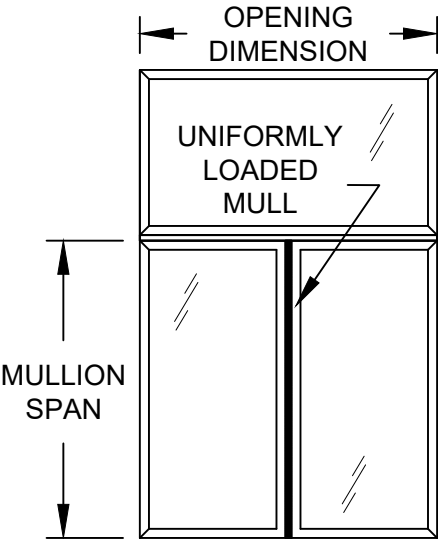
Title: ALUMINUM CLIPPED MULLION (LM)			Drawn By: S.B.		
Description: ANCHOR BRACKET #5951 DETAILS & CROSS SECTION				Date: 04/24/23	
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Series: MULLS	Scale: NTS	Sheet: 4 OF 25	Drawing No. NSMULLFPA-1		Rev:

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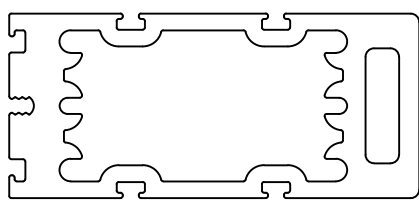
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1 6192 MULLION
(6063-T6 ALUMINUM)

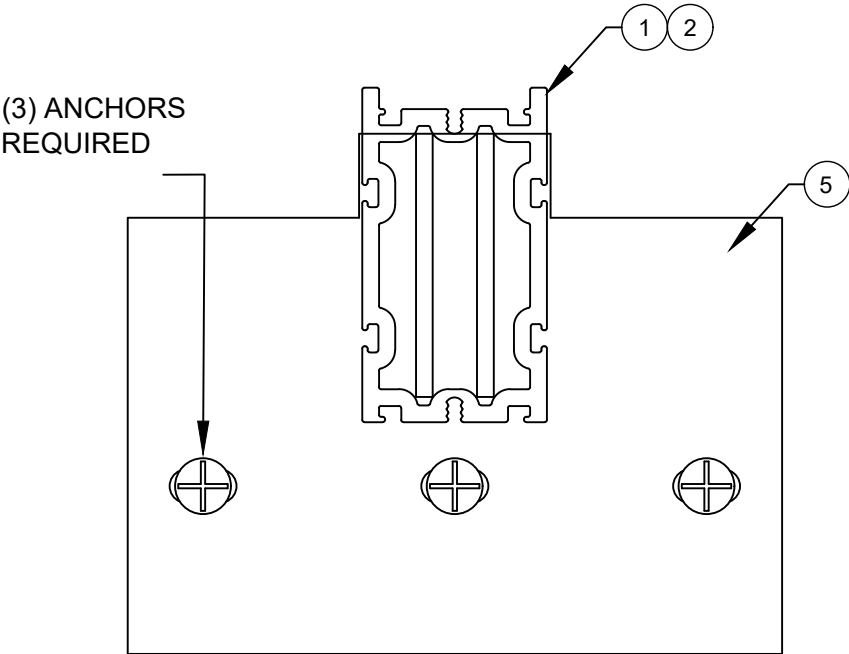


2 6225 MULLION
(6063-T6 ALUMINUM)

DP TABLES FOR UNIFORM LOAD-- 3 ANCHORS IN CONCRETE OR HOLLOW
BLOCK USING BRACKET 3419 AND 1/4" OR 3/16" ULTRACON+ ANCHORS

NewSouth Mull: 6192		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Uniform Loading	48 in	80	76	70	67	67	67	67	67
	54 in	76	64	59	55	53	53	53	53
	60 in	67	56	50	46	44	43	43	43
	63 in	63	52	47	43	41	39	39	39
	66 in	59	49	44	40	38	36	35	35
	69 in	56	46	41	38	35	34	32	32
	72 in	53	44	39	35	32	30	28	28

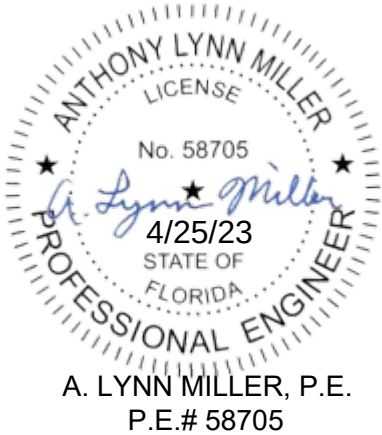
NewSouth Mulls: 6225		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Vertical Mull Span Uniform Loading	48 in	80	76	70	67	67	67	67	67
	54 in	76	64	59	55	53	53	53	53
	60 in	67	56	50	46	44	43	43	43
	63 in	63	52	47	43	41	39	39	39
	66 in	59	49	44	40	38	36	35	35
	69 in	56	46	41	38	35	34	32	32
	72 in	53	44	39	35	33	31	30	30

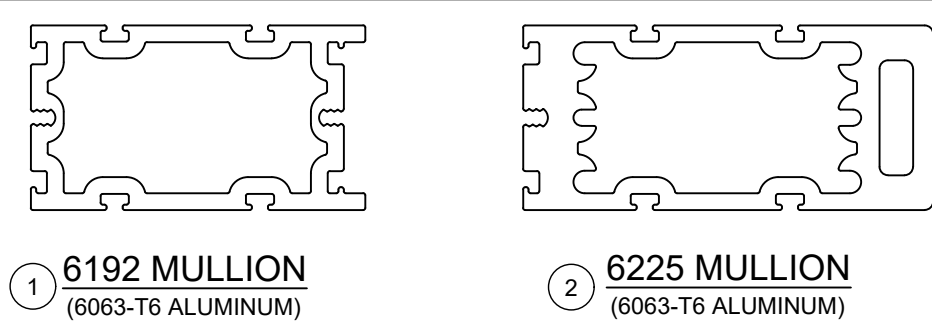
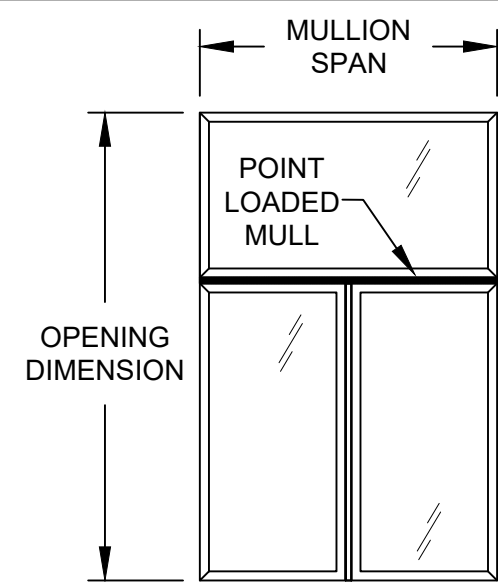


BRACKET (3419) TO MULLION DETAILS
(HOLLOW BLOCK OR 3K CONCRETE ANCHOR INSTALLATION)

NOTES:
1) DESIGN PRESSURE TABLES ARE APPLICABLE
ONLY FOR THE ANCHOR BRACKET AND ANCHORS
SPECIFIED ON THIS SHEET. REFER TO SHEET 23 FOR
CROSS SECTION DETAILS.

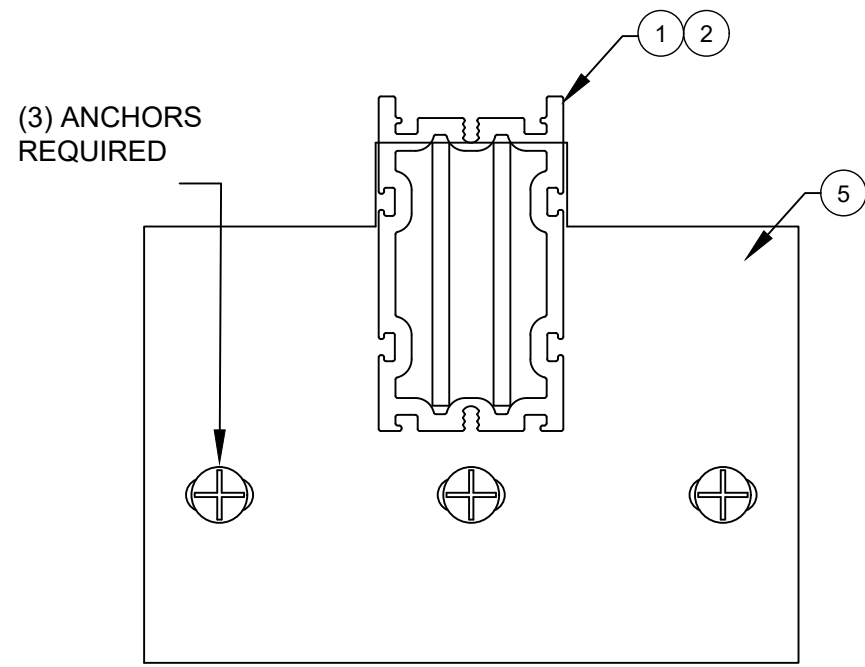
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DP TABLE FOR POINT LOAD-- 3 ANCHORS IN CONCRETE OR HOLLOW BLOCK USING BRACKET 3419 AND 1/4" OR 3/16" ULTRACON+ ANCHORS

NewSouth Mulls: 6192, 6225		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Point Loading	48 in	67	52	43	37	33	29	25	25
	54 in	59	46	38	33	29	26	22	22
	60 in	53	41	35	30	26	23	20	20
	63 in	51	39	33	28	25	22	19	19
	66 in	49	38	31	27	24	21	18	18
	69 in	46	36	30	26	23	20	17	17
	72 in	45	34	29	25	22	19	17	17

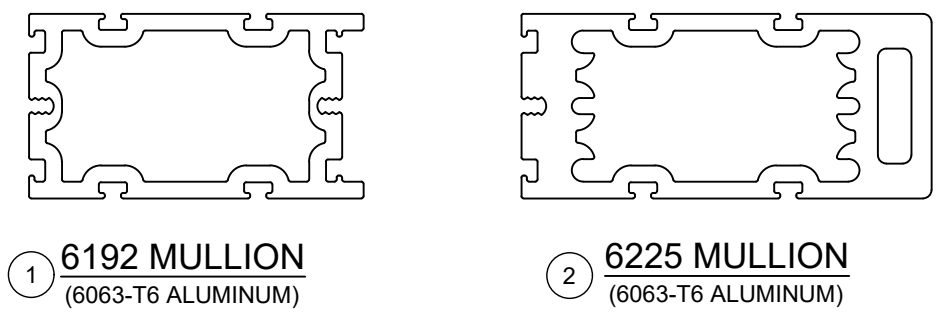
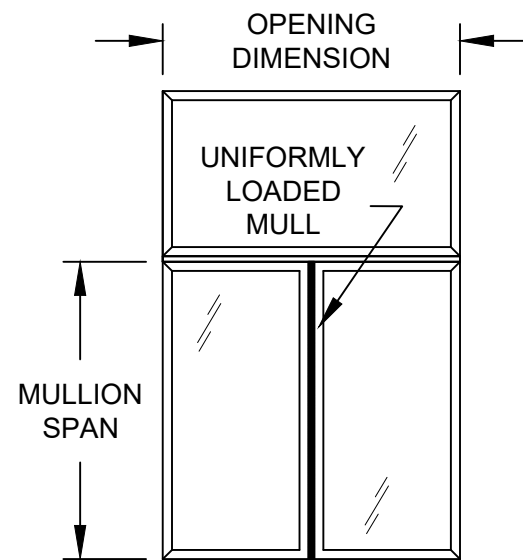


BRACKET (3419) TO MULLION DETAILS
(HOLLOW BLOCK OR 3K CONCRETE ANCHOR INSTALLATION)

NOTES:
1) DESIGN PRESSURE TABLES ARE APPLICABLE ONLY FOR THE ANCHOR BRACKET AND ANCHORS SPECIFIED ON THIS SHEET. REFER TO SHEET 23 FOR CROSS SECTION DETAILS.

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Revision:				Rev. By:	Rev. Date:	
Series: MULLS	Scale: NTS	Sheet: 6 OF 25	Drawing No. NSMULLFPA-1	Rev:		

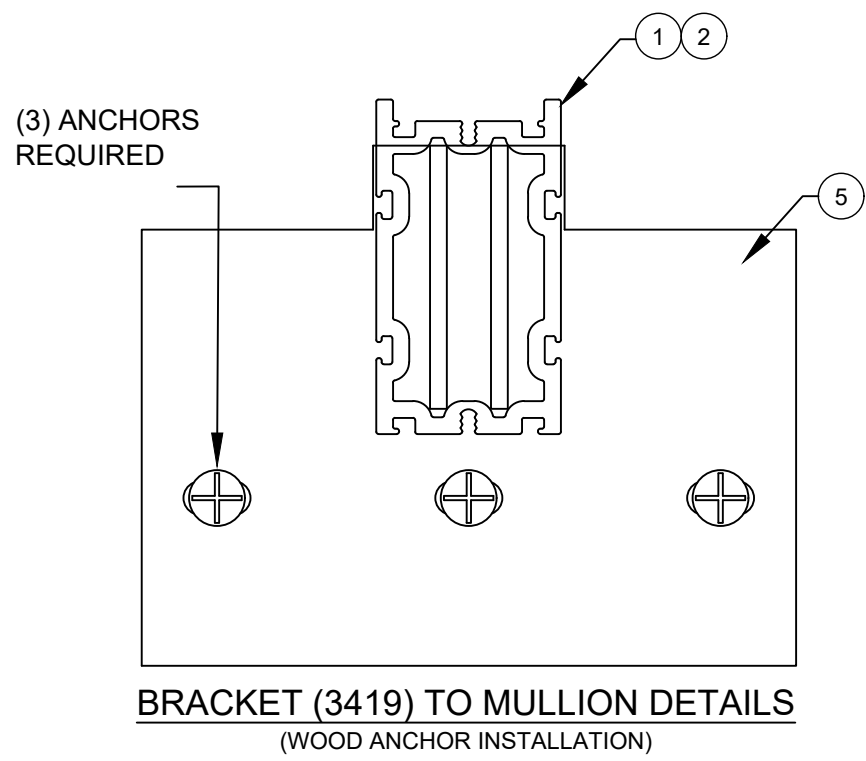




DP TABLES FOR UNIFORM LOAD-- 3 ANCHORS IN WOOD USING BRACKET 3419 AND #10 OR #12 SMS

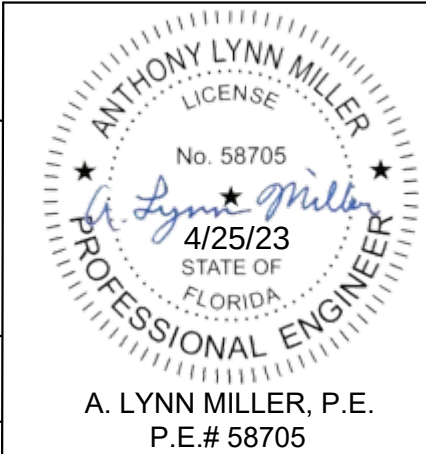
NewSouth Mull: 6192		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Uniform Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	80	80
	60 in	80	80	70	64	60	58	58	58
	63 in	80	68	60	54	50	48	47	47
	66 in	73	59	51	46	43	41	39	39
	69 in	64	51	44	40	37	35	33	33
	72 in	56	45	39	35	32	30	28	28

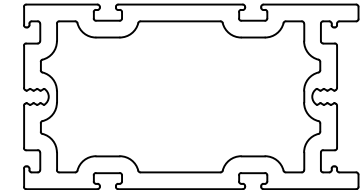
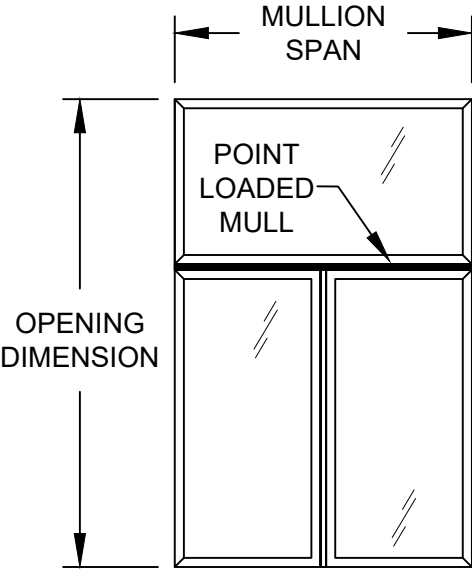
NewSouth Mulls: 6225		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Vertical Mull Span Uniform Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	80	80
	60 in	80	80	80	80	80	80	80	80
	63 in	80	80	80	80	80	80	80	80
	66 in	80	80	80	80	80	80	80	80
	69 in	80	80	80	80	80	80	80	80
	72 in	80	80	80	80	80	80	77	77



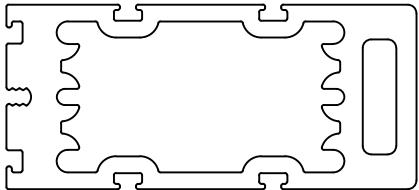
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1 6192 MULLION
(6063-T6 ALUMINUM)

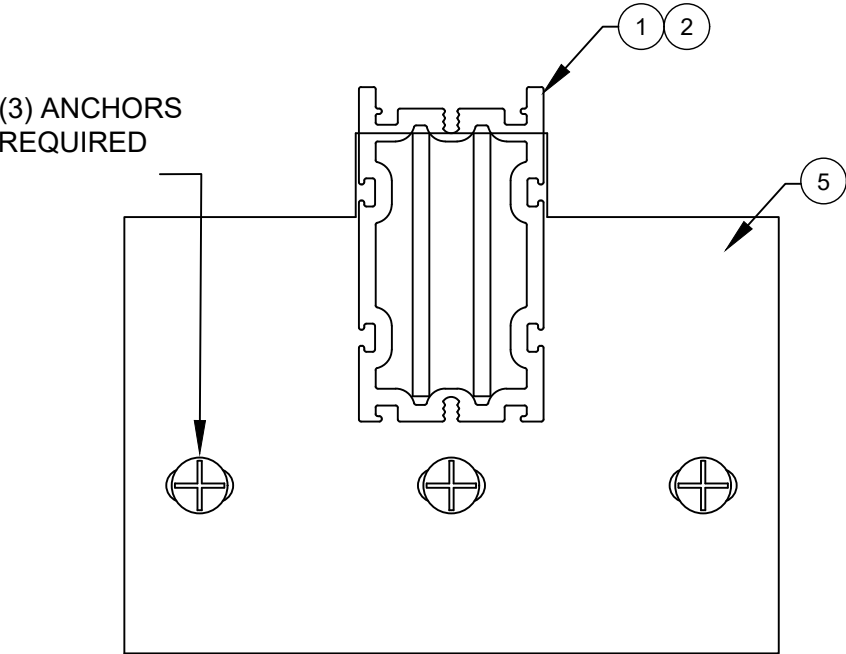


2 6225 MULLION
(6063-T6 ALUMINUM)

DP TABLES FOR POINT LOAD-- 3 ANCHORS IN WOOD
USING BRACKET 3419 AND #10 OR #12 SMS

NewSouth Mull: 6192		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Point Loading	48 in	80	80	80	80	80	75	64	64
	54 in	80	80	80	71	62	55	48	48
	60 in	80	71	60	51	45	40	35	35
	63 in	80	62	52	44	39	35	30	30
	66 in	69	54	45	39	34	30	26	26
	69 in	61	47	39	34	30	26	23	23
	72 in	53	41	35	30	26	23	20	20

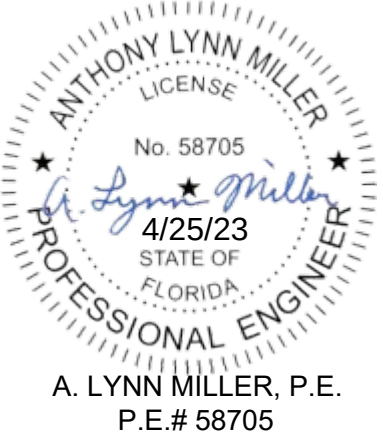
NewSouth Mulls: 6225		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Vertical Mull Span Point Loading	48 in	80	80	80	80	80	75	64	64
	54 in	80	80	80	80	74	66	57	57
	60 in	80	80	80	76	67	60	52	52
	63 in	80	80	80	73	64	57	49	49
	66 in	80	80	80	69	61	54	47	47
	69 in	80	80	77	66	58	52	45	45
	72 in	80	80	74	64	56	50	43	43

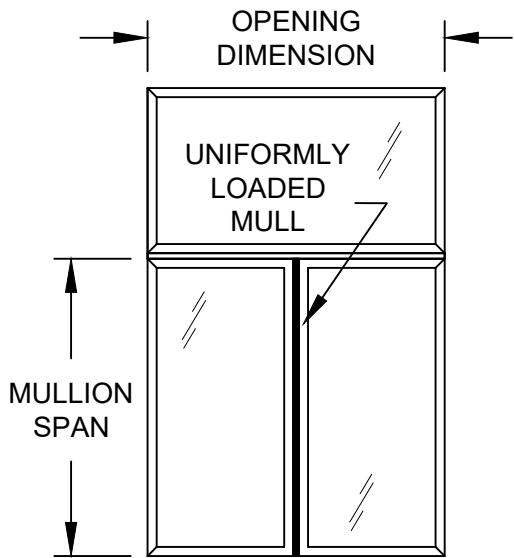


BRACKET (3419) TO MULLION DETAILS
(WOOD ANCHOR INSTALLATION)

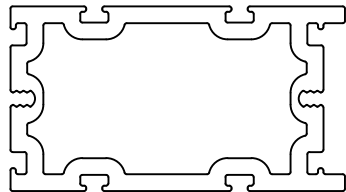
NOTES:
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Series: MULLS		Scale: NTS	Sheet: 8 OF 25	Drawing No. NSMULLFPA-1				Rev:

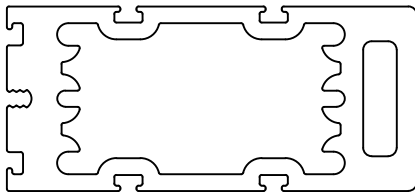




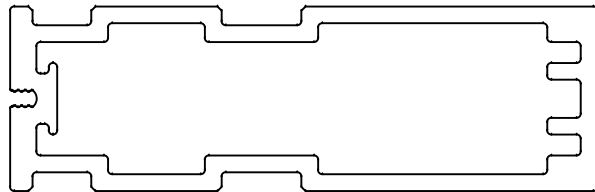
① **6192 MULLION**
(6063-T6 ALUMINUM)



② **6225 MULLION**
(6063-T6 ALUMINUM)



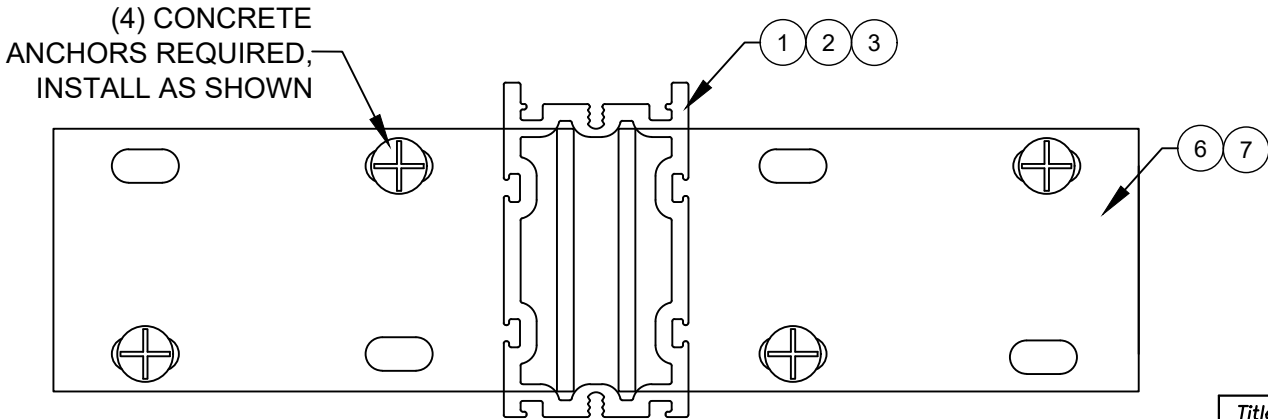
③ **6580 MULLION**
(6063-T6 ALUMINUM)



DP TABLE FOR UNIFORM LOAD-- 4 ANCHORS IN CONCRETE OR HOLLOW
BLOCK USING BRACKET 3418 AND 1/4" OR 3/16" ULTRACON+ ANCHORS

NewSouth Mull: 6192		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Uniform Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	78	73	71	70	70	70
	60 in	80	74	67	62	59	57	57	57
	63 in	80	68	60	54	50	48	47	47
	66 in	73	59	51	46	43	41	39	39
	69 in	64	51	44	40	37	35	33	33
	72 in	56	45	39	35	32	30	28	28

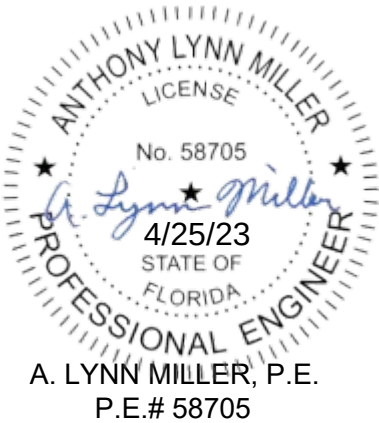
NewSouth Mulls: 6225, 6580		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Vertical Mull Span Uniform Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	78	73	71	70	70	70
	60 in	80	74	67	62	59	57	57	57
	63 in	80	70	62	57	54	53	52	52
	66 in	79	65	58	54	50	48	47	47
	69 in	75	62	55	50	47	45	43	43
	72 in	71	59	52	47	44	42	40	40

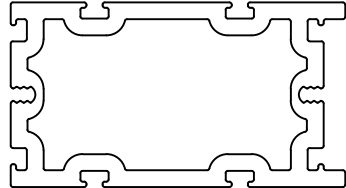
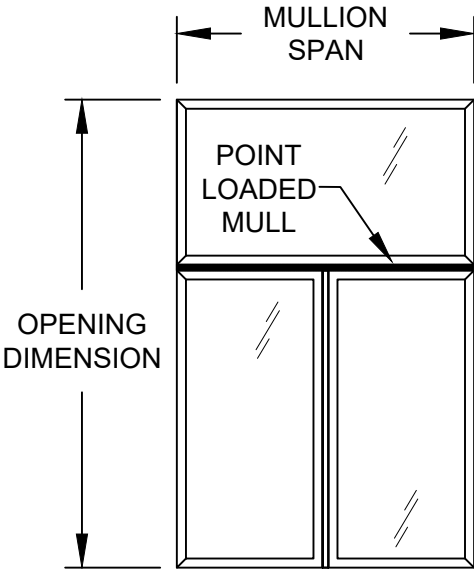


BRACKET (3418) TO MULLION DETAILS
(2 REQUIRED AT EACH END OF MULLION)
(HOLLOW BLOCK OR 3K CONCRETE ANCHOR INSTALLATION)

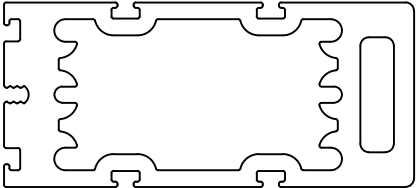
NOTES:
1) DESIGN PRESSURE TABLES ARE
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BRACKET AND ANCHORS SPECIFIED ON
THIS SHEET. REFER TO SHEET 24 FOR
CROSS SECTION DETAILS.

Title: ALUMINUM CLIPPED MULLION (LM)				Drawn By: S.B.		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2023 NEWSOUTH WINDOWS. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING. REGISTRATION #29296	
Description: DP TABLES (CONCRETE & HOLLOW BLOCK INSTALLATION)				Date: 04/24/23			
Revision:				Rev. By:	Rev. Date:		
Series: MULLS		Scale: NTS	Sheet: 9 OF 25	Drawing No. NSMULLFPA-1			

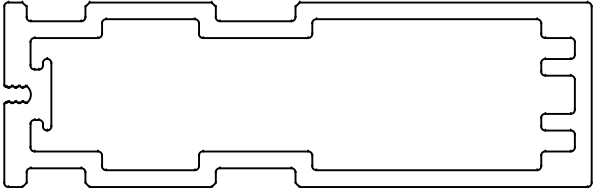




1 6192 MULLION
(6063-T6 ALUMINUM)



2 6225 MULLION
(6063-T6 ALUMINUM)

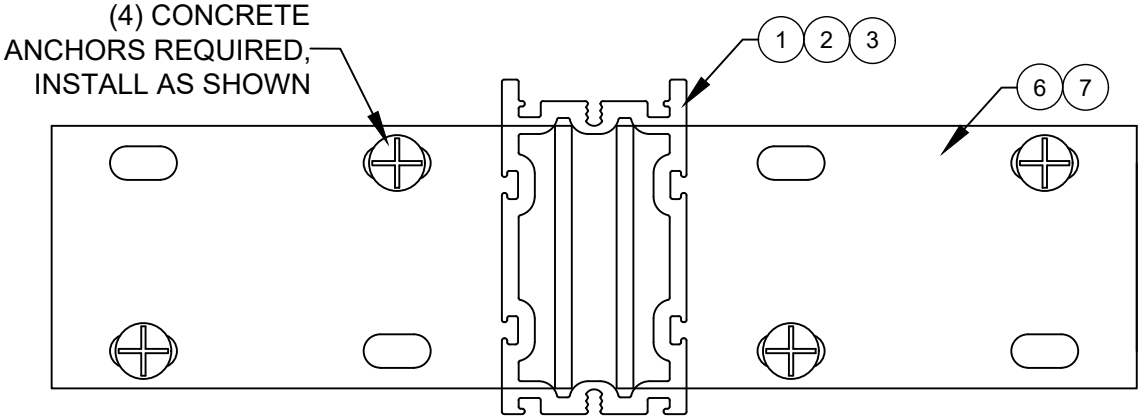


3 6580 MULLION
(6063-T6 ALUMINUM)

DP TABLE FOR POINT LOAD-- 4 ANCHORS IN CONCRETE OR HOLLOW
BLOCK USING BRACKET 3418 AND 1/4" OR 3/16" ULTRACON+ ANCHORS

NewSouth Mull: 6192		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Point Loading	48 in	80	69	58	50	44	39	34	34
	54 in	79	61	51	44	39	35	30	30
	60 in	71	55	46	40	35	31	27	27
	63 in	68	52	44	38	33	30	26	26
	66 in	65	50	42	36	32	28	24	24
	69 in	61	47	39	34	30	26	23	23
	72 in	53	41	35	30	26	23	20	20

NewSouth Mulls: 6225, 6580		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Vertical Mull Span Point Loading	48 in	80	69	58	50	44	39	34	34
	54 in	79	61	51	44	39	35	30	30
	60 in	71	55	46	40	35	31	27	27
	63 in	68	52	44	38	33	30	26	26
	66 in	65	50	42	36	32	28	24	24
	69 in	62	48	40	35	30	27	23	23
	72 in	59	46	38	33	29	26	22	22



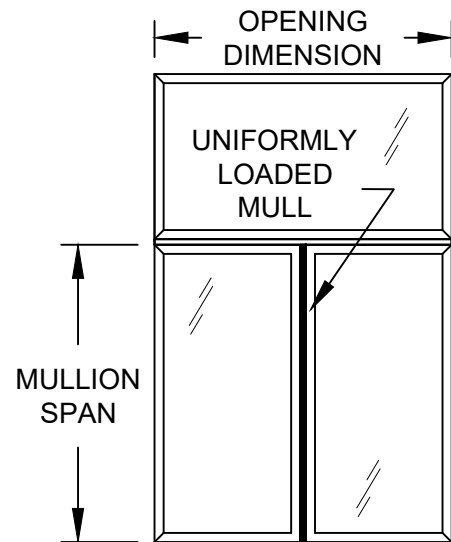
BRACKET (3418) TO MULLION DETAILS
(2 REQUIRED AT EACH END OF MULLION)
(HOLLOW BLOCK & 3K CONCRETE ANCHOR INSTALLATION)

NOTES:
1) DESIGN PRESSURE TABLES ARE
APPLICABLE ONLY FOR THE ANCHOR
BRACKET AND ANCHORS SPECIFIED ON
THIS SHEET. REFER TO SHEET 24 FOR
CROSS SECTION DETAILS.

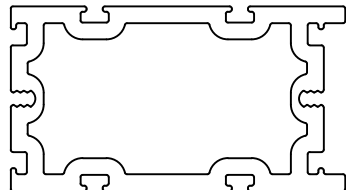
Title: ALUMINUM CLIPPED MULLION (LM)				Drawn By: S.B.		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2023 NEWSOUTH WINDOWS. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING. REGISTRATION #29296
Description: DP TABLES (CONCRETE & HOLLOW BLOCK INSTALLATION)				Date: 04/24/23		
Revision:				Rev. By:	Rev. Date:	
Series: MULLS	Scale: NTS	Sheet: 10 OF 25	Drawing No. NSMULLFPA-1		Rev:	



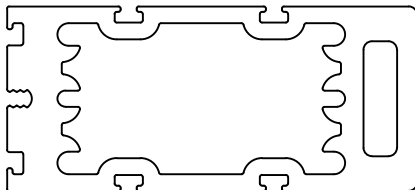
A. LYNN MILLER, P.E.
P.E.# 58705



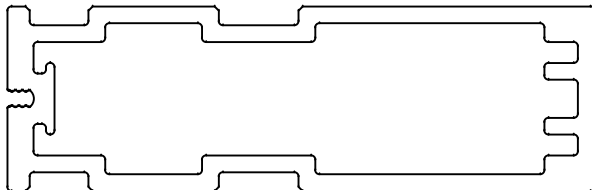
1 6192 MULLION
(6063-T6 ALUMINUM)



2 6225 MULLION
(6063-T6 ALUMINUM)



3 6580 MULLION
(6063-T6 ALUMINUM)

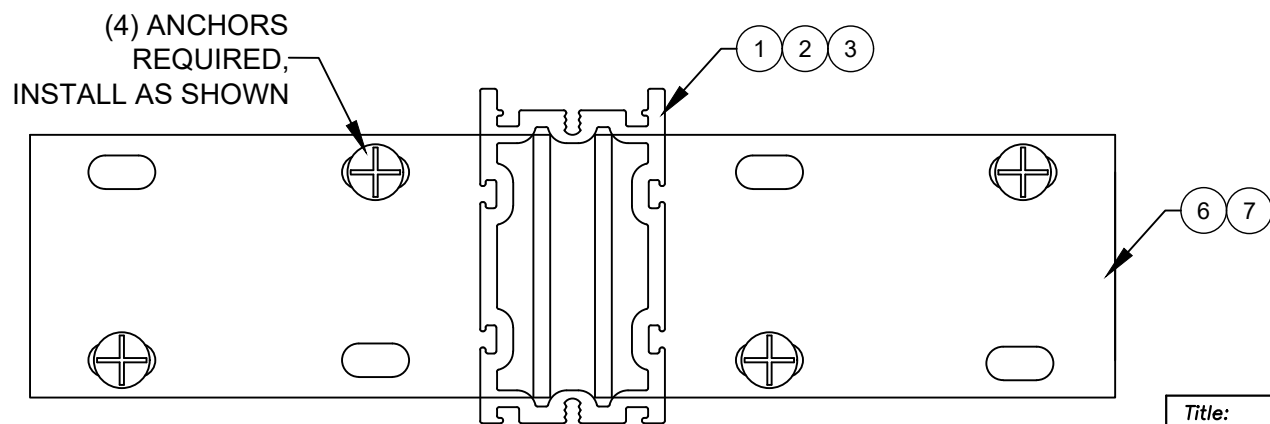


DP TABLES FOR UNIFORM LOAD-- 4 ANCHORS IN
WOOD USING BRACKET 3418 AND #10 OR #12 SMS

NewSouth Mull: 6192		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Uniform Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	80	80
	60 in	80	80	70	64	60	58	58	58
	63 in	80	68	60	54	50	48	47	47
	66 in	73	59	51	46	43	41	39	39
	69 in	64	51	44	40	37	35	33	33
	72 in	56	45	39	35	32	30	28	28

NewSouth Mull: 6225		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Uniform Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	80	80
	60 in	80	80	80	80	80	80	80	80
	63 in	80	80	80	80	80	80	80	80
	66 in	80	80	80	80	80	80	80	80
	69 in	80	80	80	80	80	80	80	80
	72 in	80	80	80	80	80	80	77	77

NewSouth Mull: 6850		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Uniform Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	80	80
	60 in	80	80	80	80	80	80	80	80
	63 in	80	80	80	80	80	80	80	80
	66 in	80	80	80	80	80	80	80	80
	69 in	80	80	80	80	80	80	80	80
	72 in	80	80	80	80	80	80	80	80



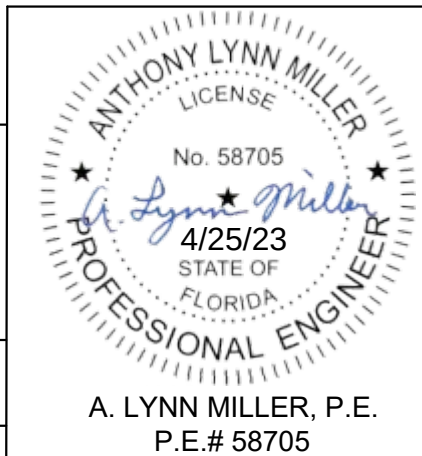
BRACKET (3418) TO MULLION DETAILS
(2 REQUIRED AT EACH END OF MULLION)
(WOOD ANCHOR INSTALLATION)

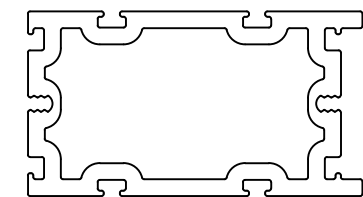
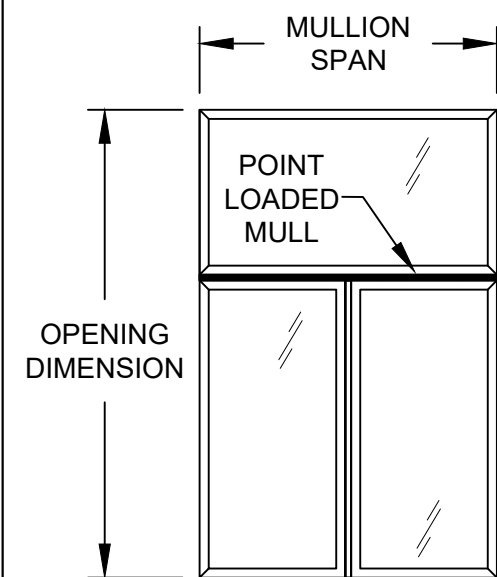
NOTES:
1) DESIGN PRESSURE TABLES ARE
APPLICABLE ONLY FOR THE ANCHOR
BRACKET AND ANCHORS SPECIFIED ON
THIS SHEET. REFER TO SHEET 24 FOR
CROSS SECTION DETAILS.

Title: ALUMINUM CLIPPED MULLION (LM)			Drawn By: S.B.		
Description: DP TABLES (WOOD INSTALLATION)				Date: 04/24/23	
Revision:			Rev. By:	Rev. Date:	
Series: MULLS	Scale: NTS	Sheet: 11 OF 25	Drawing No. NSMULLFPA-1		Rev:

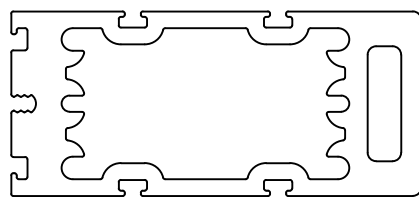
PREPARED BY
A. LYNN MILLER
1070
TECHNOLOGY
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N. VENICE, FL
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(941) 480-1600

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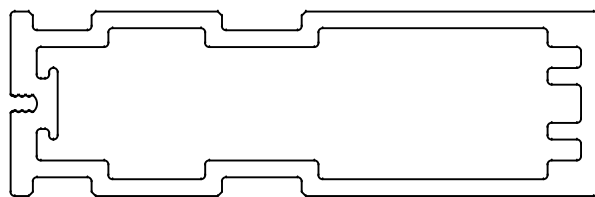




① **6192 MULLION**
(6063-T6 ALUMINUM)



② **6225 MULLION**
(6063-T6 ALUMINUM)



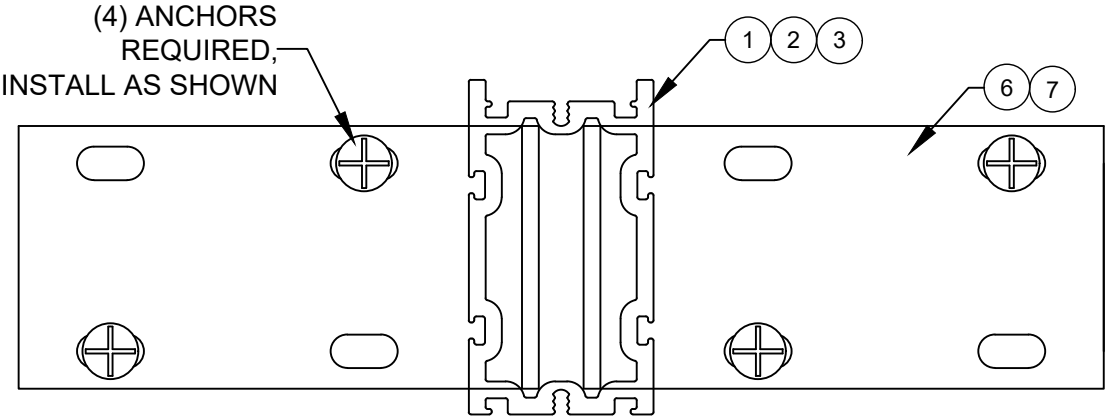
③ **6580 MULLION**
(6063-T6 ALUMINUM)

DP TABLES FOR POINT LOAD-- 4 ANCHORS IN WOOD
USING BRACKET 3418 AND #10 OR #12 SMS

NewSouth Mull: 6192		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Point Loading	48 in	80	80	80	80	80	79	68	68
	54 in	80	80	80	71	62	55	48	48
	60 in	80	71	60	51	45	40	35	35
	63 in	80	62	52	44	39	35	30	30
	66 in	69	54	45	39	34	30	26	26
	69 in	61	47	39	34	30	26	23	23
	72 in	53	41	35	30	26	23	20	20

NewSouth Mull: 6225		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Point Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	76	76
	60 in	80	80	80	80	80	80	69	69
	63 in	80	80	80	80	80	76	65	65
	66 in	80	80	80	80	80	72	62	62
	69 in	80	80	80	80	78	69	60	60
	72 in	80	80	80	80	71	64	55	55

NewSouth Mull: 6850		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Point Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	76	76
	60 in	80	80	80	80	80	80	69	69
	63 in	80	80	80	80	80	76	65	65
	66 in	80	80	80	80	80	72	62	62
	69 in	80	80	80	80	78	69	60	60
	72 in	80	80	80	80	74	66	57	57

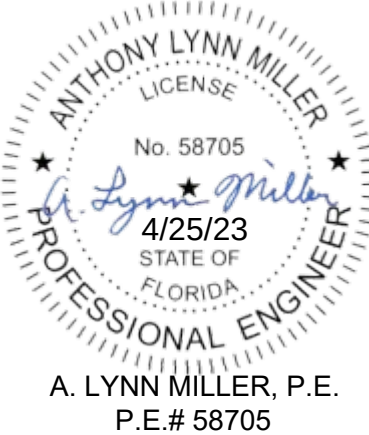


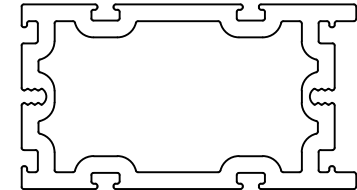
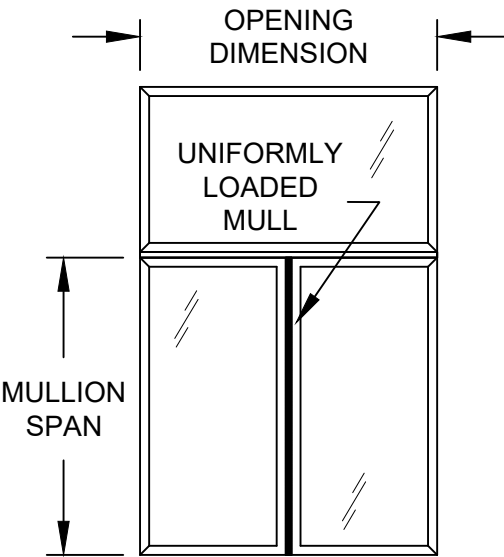
BRACKET (3418) TO MULLION DETAILS
(2 REQUIRED AT EACH END OF MULLION)
(WOOD INSTALLATION)

NOTES:
1) DESIGN PRESSURE TABLES ARE APPLICABLE ONLY FOR THE ANCHOR BRACKET AND ANCHORS SPECIFIED ON THIS SHEET. REFER TO SHEET 22 FOR CROSS SECTION DETAILS.

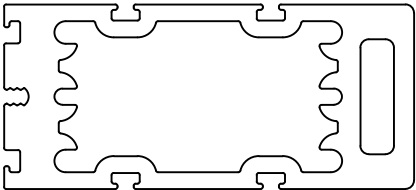
Title: ALUMINUM CLIPPED MULLION (LM)		Drawn By: S.B.	
Description: DP TABLES (WOOD INSTALLATION)		Date: 04/24/23	
Revision:		Rev. By:	Rev. Date:
Series: MULLS	Scale: NTS	Sheet: 12 OF 25	Drawing No. NSMULLFPA-1
		Rev:	

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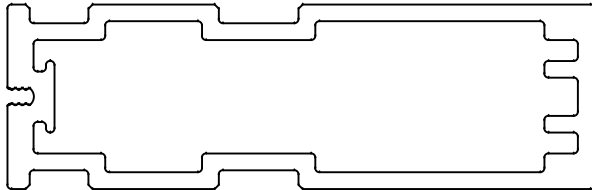




① **6192 MULLION**
(6063-T6 ALUMINUM)



② **6225 MULLION**
(6063-T6 ALUMINUM)

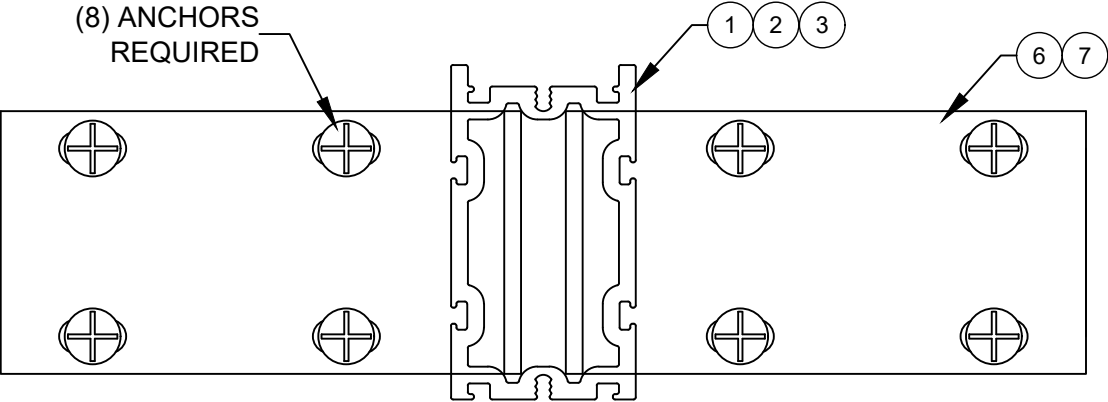


③ **6580 MULLION**
(6063-T6 ALUMINUM)

DP TABLES FOR UNIFORM LOAD-- 8 ANCHORS IN CONCRETE OR HOLLOW
BLOCK USING BRACKET 3418 AND 1/4" OR 3/16" ULTRACON+ ANCHORS

NewSouth Mull: 6192		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Uniform Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	80	80
	60 in	80	80	70	64	60	58	58	58
	63 in	80	68	60	54	50	48	47	47
	66 in	73	59	51	46	43	41	39	39
	69 in	64	51	44	40	37	35	33	33
	72 in	56	45	39	35	32	30	28	28

NewSouth Mull: 6225, 6580		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Vertical Mull Span Uniform Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	80	80
	60 in	80	80	80	80	80	80	80	80
	63 in	80	80	80	80	80	78	77	77
	66 in	80	80	80	79	75	72	70	70
	69 in	80	80	80	74	70	67	64	64
	72 in	80	80	77	70	65	62	59	59

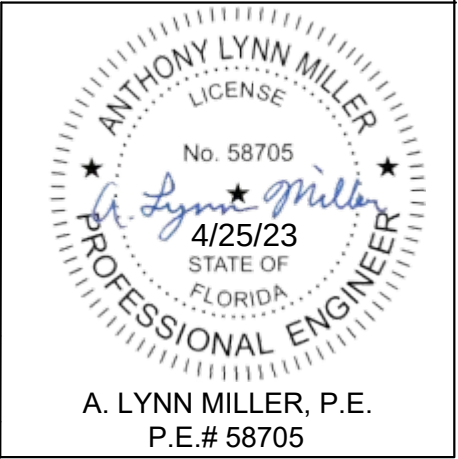


BRACKET (3418) TO MULLION DETAILS
(2 REQUIRED AT EACH END OF MULLION)
(HOLLOW BLOCK OR 3K CONCRETE ANCHOR INSTALLATION)

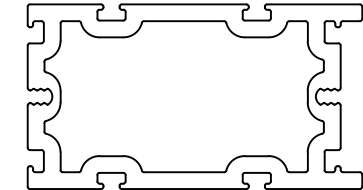
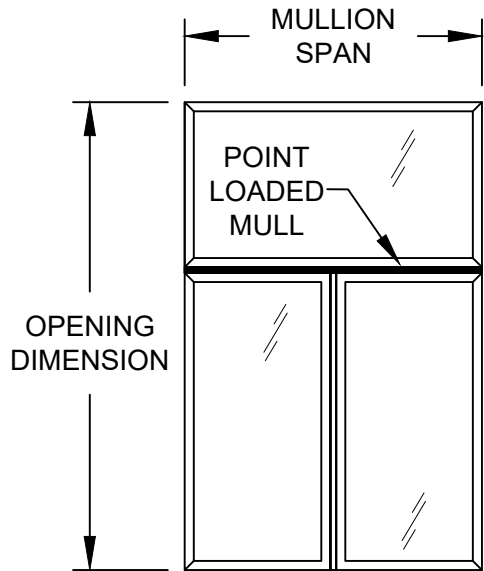
NOTES:
1) DESIGN PRESSURE TABLES ARE
APPLICABLE ONLY FOR THE ANCHOR
BRACKET AND ANCHORS SPECIFIED ON
THIS SHEET. REFER TO SHEET 24 FOR
CROSS SECTION DETAILS.

Title: ALUMINUM CLIPPED MULLION (LM)			Drawn By: S.B.		
Description: DP TABLES (CONCRETE & HOLLOW BLOCK INSTALLATION)				Date: 04/24/23	
Revision:			Rev. By:	Rev. Date:	
Series: MULLS	Scale: NTS	Sheet: 13 OF 25	Drawing No. NSMULLFPA-1		Rev:

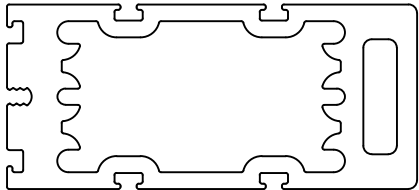
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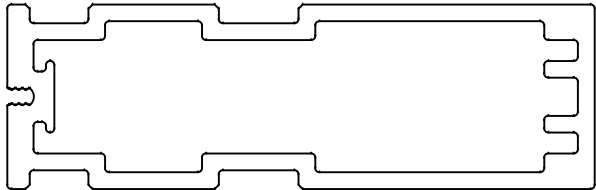
A. LYNN MILLER, P.E.
P.E.# 58705



1 6192 MULLION
(6063-T6 ALUMINUM)



2 6225 MULLION
(6063-T6 ALUMINUM)

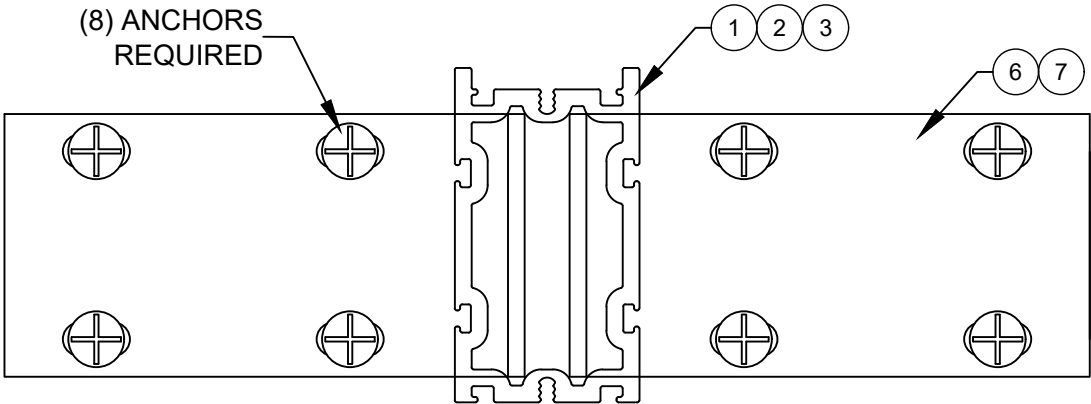


3 6580 MULLION
(6063-T6 ALUMINUM)

DP TABLES FOR POINT LOAD-- 8 ANCHORS IN CONCRETE OR HOLLOW BLOCK USING BRACKET 3418 AND 1/4" OR 3/16" ULTRACON+ ANCHORS

NewSouth Mull: 6192		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Point Loading	48 in	80	80	80	74	65	58	50	50
	54 in	80	80	76	65	57	51	44	44
	60 in	80	71	60	51	45	40	35	35
	63 in	80	62	52	44	39	35	30	30
	66 in	69	54	45	39	34	30	26	26
	69 in	61	47	39	34	30	26	23	23
	72 in	53	41	35	30	26	23	20	20

NewSouth Mull: 6225, 6580		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Vertical Mull Span Point Loading	48 in	80	80	80	74	65	58	50	50
	54 in	80	80	76	65	57	51	44	44
	60 in	80	80	68	59	52	46	40	40
	63 in	80	78	65	56	49	44	38	38
	66 in	80	74	62	54	47	42	36	36
	69 in	80	71	60	51	45	40	35	35
	72 in	80	68	57	49	43	38	33	33



BRACKET (3418) TO MULLION DETAILS
(2 REQUIRED AT EACH END OF MULLION)
(HOLLOW BLOCK OR 3K CONCRETE ANCHOR INSTALLATION)

NOTES:
1) DESIGN PRESSURE TABLES ARE APPLICABLE ONLY FOR THE ANCHOR BRACKET AND ANCHORS SPECIFIED ON THIS SHEET. REFER TO SHEET 24 FOR CROSS SECTION DETAILS.

Title:ALUMINUM CLIPPED MULLION (LM)

Description:DP TABLES (CONCRETE & HOLLOW BLOCK INSTALLATION)

Revision:

Series:MULLS

Drawn By:S.B.

Date:04/24/23

Rev. By:Rev. Date:

Scale:NTS

Sheet:14 OF 25

Drawing No.NSMULLFPA-1

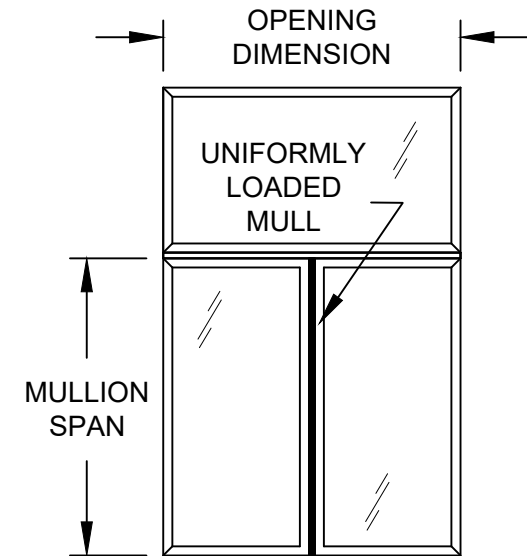
Rev:

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A. LYNN MILLER
1070
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ANTHONY LYNN MILLER
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No. 58705
4/25/23
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

A. LYNN MILLER, P.E.
P.E.# 58705



1 6192 MULLION
(6063-T6 ALUMINUM)

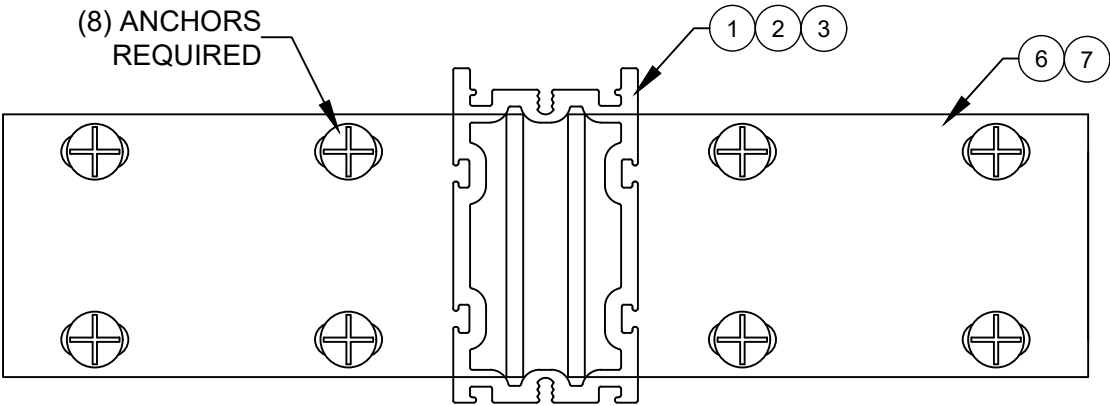
2 6225 MULLION
(6063-T6 ALUMINUM)

3 6580 MULLION
(6063-T6 ALUMINUM)

DP TABLES FOR UNIFORM LOAD-- 8 ANCHORS IN WOOD
USING BRACKET 3418 AND #10 OR #12 SMS ANCHORS

NewSouth Mull: 6192		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Uniform Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	80	80
	60 in	80	80	70	64	60	58	58	58
	63 in	80	68	60	54	50	48	47	47
	66 in	73	59	51	46	43	41	39	39
	69 in	64	51	44	40	37	35	33	33
	72 in	56	45	39	35	32	30	28	28

NewSouth Mull: 6225		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Uniform Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	80	80
	60 in	80	80	80	80	80	80	80	80
	63 in	80	80	80	80	80	80	80	80
	66 in	80	80	80	80	80	80	80	80
	69 in	80	80	80	80	80	80	80	80
	72 in	80	80	80	80	80	80	77	77



BRACKET (3418) TO MULLION DETAILS
(2 REQUIRED AT EACH END OF MULLION)
(WOOD ANCHOR INSTALLATION)

NewSouth Mull: 6580		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Uniform Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	80	80
	60 in	80	80	80	80	80	80	80	80
	63 in	80	80	80	80	80	80	80	80
	66 in	80	80	80	80	80	80	80	80
	69 in	80	80	80	80	80	80	80	80
	72 in	80	80	80	80	80	80	80	80

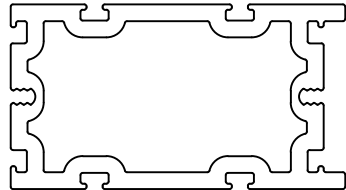
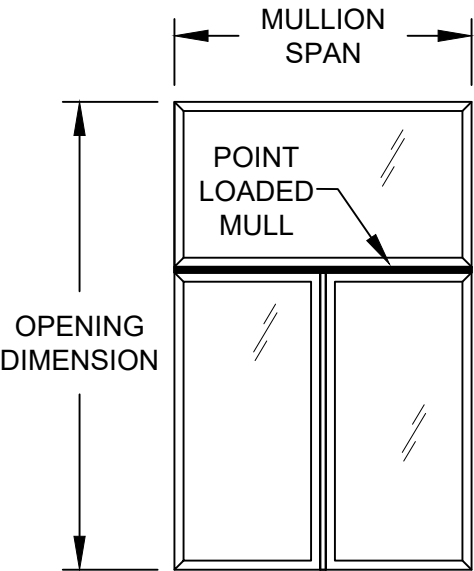
NOTES:
1) DESIGN PRESSURE TABLES ARE
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BRACKET AND ANCHORS SPECIFIED ON
THIS SHEET. REFER TO SHEET 24 FOR
CROSS SECTION DETAILS.

Title: ALUMINUM CLIPPED MULLION (LM)		Drawn By: S.B.	
Description: DP TABLES (WOOD INSTALLATION)			Date: 04/24/23
Revision:		Rev. By:	Rev. Date:
Series: MULLS	Scale: NTS	Sheet: 15 OF 25	Drawing No. NSMULLFPA-1
		Rev:	

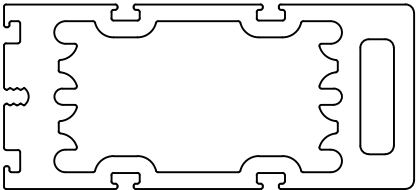
PREPARED BY
A. LYNN MILLER
1070
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DRIVE
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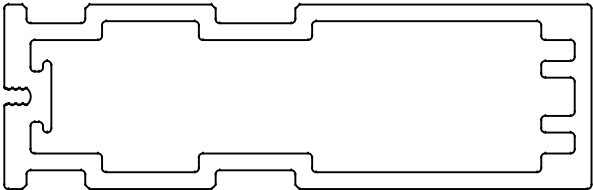




1 6192 MULLION
(6063-T6 ALUMINUM)



2 6225 MULLION
(6063-T6 ALUMINUM)



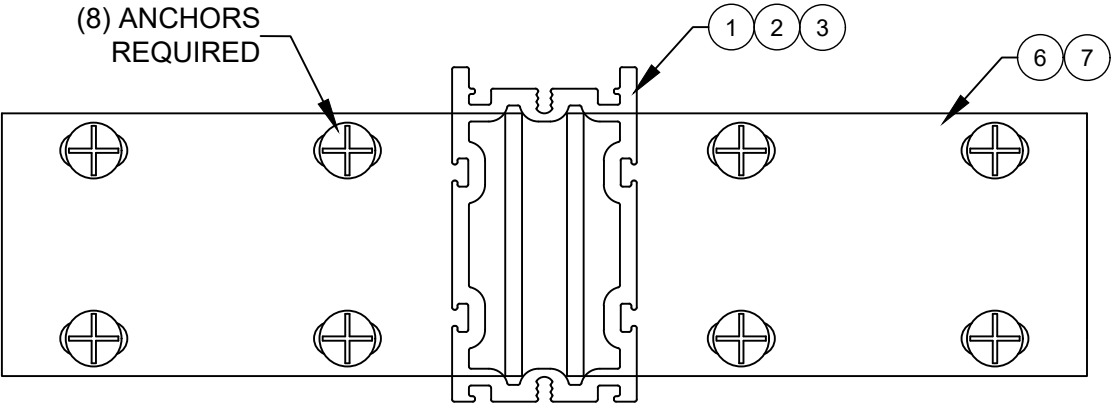
3 6580 MULLION
(6063-T6 ALUMINUM)

DP TABLES FOR POINT LOAD-- 8 ANCHORS IN WOOD
USING BRACKET 3418 AND #10 OR #12 SMS ANCHORS

NewSouth Mull: 6192		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Point Loading	48 in	80	80	80	80	80	79	68	68
	54 in	80	80	80	71	62	55	48	48
	60 in	80	71	60	51	45	40	35	35
	63 in	80	62	52	44	39	35	30	30
	66 in	69	54	45	39	34	30	26	26
	69 in	61	47	39	34	30	26	23	23
	72 in	53	41	35	30	26	23	20	20

NewSouth Mull: 6225		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Point Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	80	80
	60 in	80	80	80	80	80	80	80	80
	63 in	80	80	80	80	80	80	80	80
	66 in	80	80	80	80	80	80	71	71
	69 in	80	80	80	80	80	72	62	62
	72 in	80	80	80	80	71	64	55	55

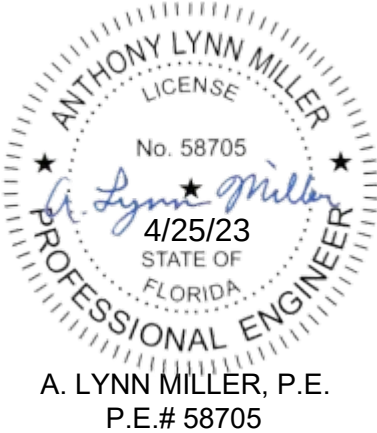
NewSouth Mull: 6580		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Point Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	80	80
	60 in	80	80	80	80	80	80	80	80
	63 in	80	80	80	80	80	80	80	80
	66 in	80	80	80	80	80	80	80	80
	69 in	80	80	80	80	80	80	80	80
	72 in	80	80	80	80	80	80	80	80

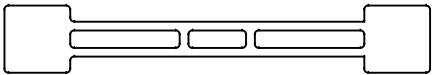


BRACKET (3418) TO MULLION DETAILS
(2 REQUIRED AT EACH END OF MULLION)
(WOOD ANCHOR INSTALLATION)

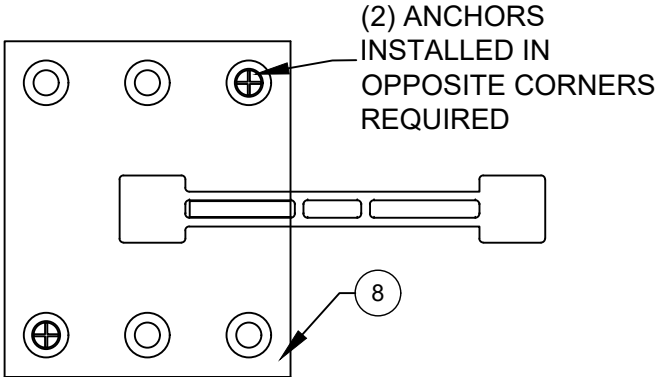
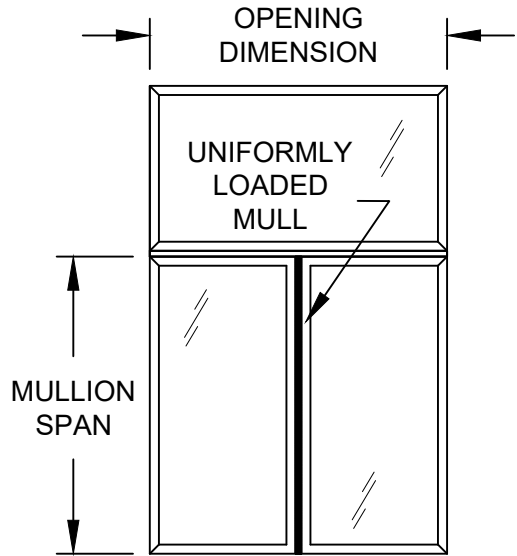
NOTES:
1) DESIGN PRESSURE TABLES ARE APPLICABLE ONLY FOR THE ANCHOR BRACKET AND ANCHORS SPECIFIED ON THIS SHEET. REFER TO SHEET 24 FOR CROSS SECTION DETAILS.

Title: ALUMINUM CLIPPED MULLION (LM)				Drawn By: S.B.		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2023 NEWSOUTH WINDOWS. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING. REGISTRATION #29296	
Description: DP TABLES (WOOD INSTALLATION)				Date: 04/24/23			
Revision:				Rev. By:	Rev. Date:		
Series: MULLS		Scale: NTS	Sheet: 16 OF 25	Drawing No. NSMULLFPA-1			





4 6298 MULLION
(6105-T5 ALUMINUM)



BRACKET (5951) TO MULLION DETAILS
(WOOD, HOLLOW BLOCK, OR 3K CONCRETE ANCHOR INSTALLATION)

DP TABLE FOR UNIFORM LOAD-- 2 ANCHORS IN CONCRETE OR HOLLOW BLOCK USING BRACKET 5951 AND 1/4" OR 3/16" ULTRACON+ ANCHORS

NewSouth Mull: 6298		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Uniform Loading	48 in	59	51	47	45	45	45	45	45
	54 in	51	43	39	37	35	35	35	35
	60 in	45	37	33	31	29	29	28	28
	63 in	42	35	31	29	27	26	26	26
	66 in	40	33	29	27	25	24	24	24
	69 in	37	31	27	25	24	22	22	22
	72 in	36	29	26	24	22	21	20	20

DP TABLE FOR UNIFORM LOAD-- 2 ANCHORS IN WOOD USING BRACKET 5951 AND #10 OR #12 SMS ANCHORS

NewSouth Mull: 6298		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Uniform Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	80	80
	60 in	80	80	80	79	75	73	73	73
	63 in	80	80	79	72	67	64	63	63
	66 in	80	78	68	61	57	54	52	52
	69 in	80	68	59	53	49	46	44	44
	72 in	74	59	51	46	42	40	38	38

NOTES:
1) DESIGN PRESSURE TABLES ARE APPLICABLE ONLY FOR THE ANCHOR BRACKET AND ANCHORS SPECIFIED ON THIS SHEET. REFER TO SHEET 25 FOR CROSS SECTION DETAILS.

Title:ALUMINUM CLIPPED MULLION (LM)

Description:DP TABLES (WOOD, CONCRETE & HOLLOW BLOCK INSTALLATION)

Revision:

Series:MULLS

Drawn By:S.B.

Date:04/24/23

Rev. By:Rev. Date:

Scale:NTS

Sheet:17 OF 25

Drawing No.NSMULLFPA-1

Rev:

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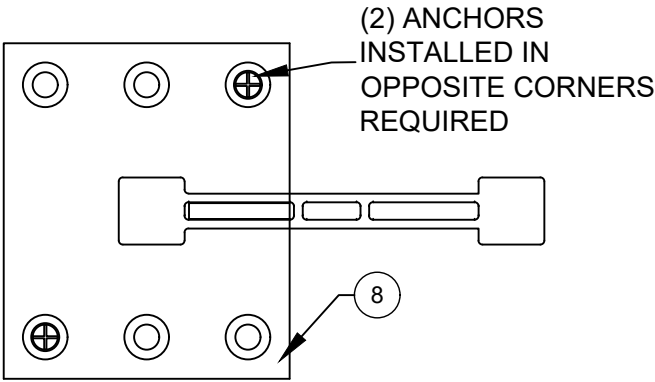
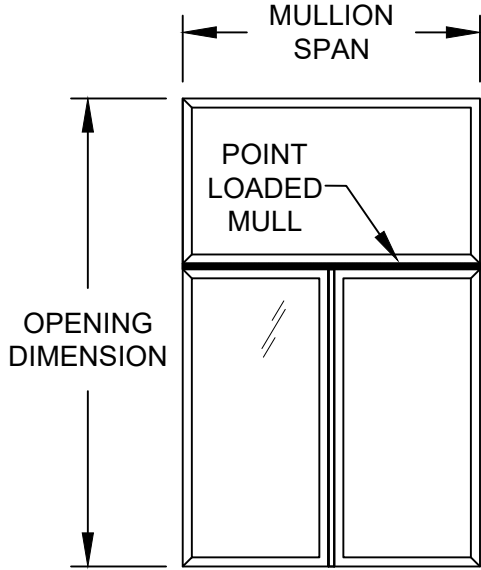
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No. 58705
4/25/23
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PROFESSIONAL ENGINEER

A. LYNN MILLER, P.E.
P.E.# 58705



4 6298 MULLION
(6105-T5 ALUMINUM)



BRACKET (5951) TO MULLION DETAILS
(WOOD, HOLLOW BLOCK, OR 3K CONCRETE ANCHOR INSTALLATION)

DP TABLE FOR POINT LOAD-- 2 ANCHORS IN CONCRETE OR HOLLOW BLOCK USING BRACKET 5951 AND 1/4" OR 3/16" ULTRACON+ ANCHORS

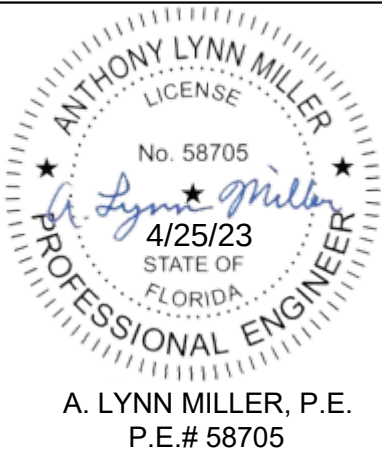
NewSouth Mull: 6298		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Point Loading	48 in	45	34	29	25	22	19	17	17
	54 in	40	31	26	22	19	17	15	15
	60 in	36	28	23	20	17	16	13	13
	63 in	34	26	22	19	17	15	13	13
	66 in	32	25	21	18	16	14	12	12
	69 in	31	24	20	17	15	14	12	12
	72 in	30	23	19	17	15	13	11	11

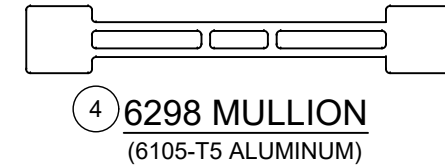
DP TABLE FOR POINT LOAD-- 2 ANCHORS IN WOOD USING BRACKET 5951 AND #10 OR #12 SMS ANCHORS

NewSouth Mull: 6298		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Point Loading	48 in	80	80	74	64	56	50	43	43
	54 in	80	78	66	57	50	44	38	38
	60 in	80	71	59	51	45	40	34	34
	63 in	80	67	56	48	43	38	33	33
	66 in	80	64	54	46	41	36	31	31
	69 in	79	61	51	44	39	35	30	30
	72 in	71	55	46	39	35	31	27	27

NOTES:
1) DESIGN PRESSURE TABLES ARE APPLICABLE ONLY FOR THE ANCHOR BRACKET AND ANCHORS SPECIFIED ON THIS SHEET. REFER TO SHEET 25 FOR CROSS SECTION DETAILS.

Title: ALUMINUM CLIPPED MULLION (LM)				Drawn By: S.B.		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2023 NEWSOUTH WINDOWS. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING. REGISTRATION #29296	
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Revision:			Rev. By:	Rev. Date:			
Series: MULLS		Scale: NTS	Sheet: 18 OF 25		Drawing No. NSMULLFPA-1		Rev:





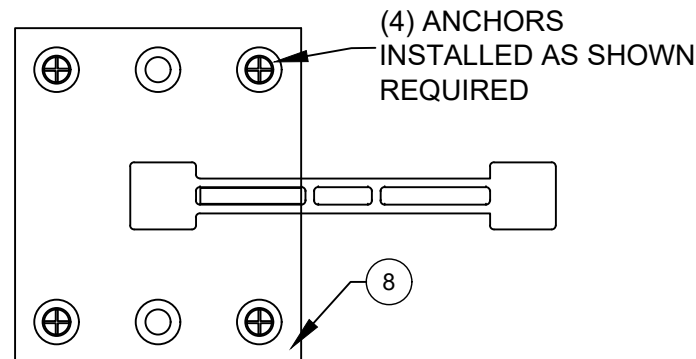
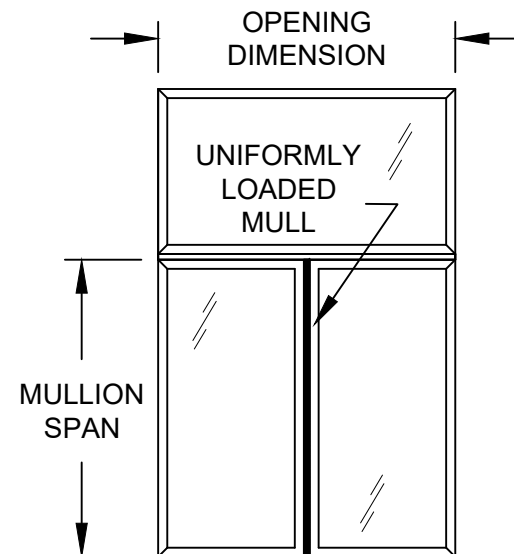
4 6298 MULLION
(6105-T5 ALUMINUM)

DP TABLE FOR UNIFORM LOAD-- 4 ANCHORS IN CONCRETE OR HOLLOW
BLOCK USING BRACKET 5951 AND 1/4" OR 3/16" ULTRACON+ ANCHORS

NewSouth Mull: 6298		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Uniform Loading	48 in	80	80	76	73	72	72	72	72
	54 in	80	69	63	59	57	57	57	57
	60 in	72	60	54	50	48	46	46	46
	63 in	68	56	50	46	44	42	42	42
	66 in	64	53	47	43	41	39	38	38
	69 in	61	50	44	41	38	36	35	35
	72 in	58	47	42	38	36	34	32	32

DP TABLE FOR UNIFORM LOAD-- 4 ANCHORS IN WOOD
USING BRACKET 5951 AND #10 OR #12 SMS ANCHORS

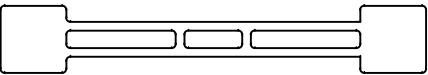
NewSouth Mull: 6298		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Uniform Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	80	80
	60 in	80	80	80	80	80	77	76	76
	63 in	80	80	79	72	67	64	63	63
	66 in	80	78	68	61	57	54	52	52
	69 in	80	68	59	53	49	46	44	44
	72 in	74	59	51	46	42	40	38	38



BRACKET (5951) TO MULLION DETAILS
(WOOD, HOLLOW BLOCK, OR 3K CONCRETE ANCHOR INSTALLATION)

NOTES:
1) DESIGN PRESSURE TABLES ARE
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CROSS SECTION DETAILS.

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Revision:		Rev. By:	Rev. Date:			
Series: MULLS	Scale: NTS	Sheet: 19 OF 25	Drawing No. NSMULLFPA-1			



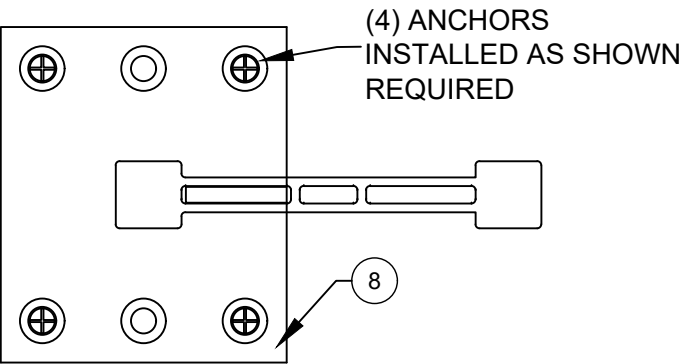
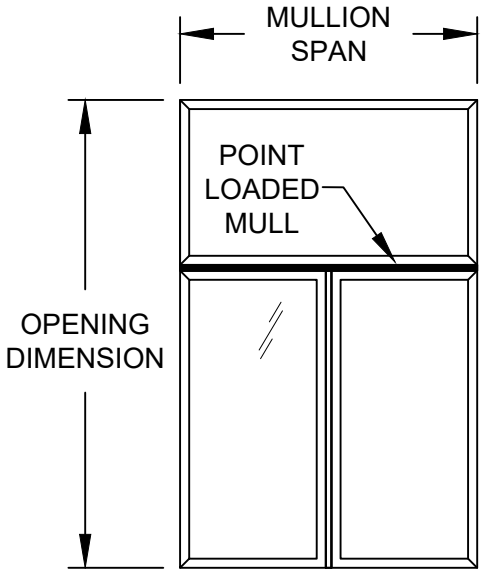
4 6298 MULLION
(6105-T5 ALUMINUM)

DP TABLE FOR POINT LOAD-- 4 ANCHORS IN CONCRETE OR HOLLOW
BLOCK USING BRACKET 5951 AND 1/4" OR 3/16" ULTRACON+ ANCHORS

NewSouth Mull: 6298		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Point Loading	48 in	72	56	47	40	35	31	27	27
	54 in	64	50	42	36	31	28	24	24
	60 in	58	45	37	32	28	25	22	22
	63 in	55	42	36	31	27	24	21	21
	66 in	52	41	34	29	26	23	20	20
	69 in	50	39	32	28	25	22	19	19
	72 in	48	37	31	27	24	21	18	18

DP TABLE FOR POINT LOAD-- 4 ANCHORS IN WOOD
USING BRACKET 5951 AND #10 OR #12 SMS ANCHORS

NewSouth Mull: 6298		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Point Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	73	63	63
	60 in	80	80	79	68	60	53	46	46
	63 in	80	80	69	59	52	46	40	40
	66 in	80	71	60	51	45	40	35	35
	69 in	80	62	52	45	39	35	30	30
	72 in	71	55	46	39	35	31	27	27



BRACKET (5951) TO MULLION DETAILS

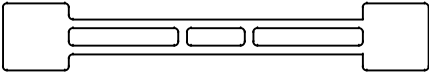
(WOOD, HOLLOW BLOCK, OR 3K CONCRETE ANCHOR INSTALLATION)

NOTES:
1) DESIGN PRESSURE TABLES ARE APPLICABLE ONLY FOR THE ANCHOR BRACKET AND ANCHORS SPECIFIED ON THIS SHEET. REFER TO SHEET 25 FOR CROSS SECTION DETAILS.

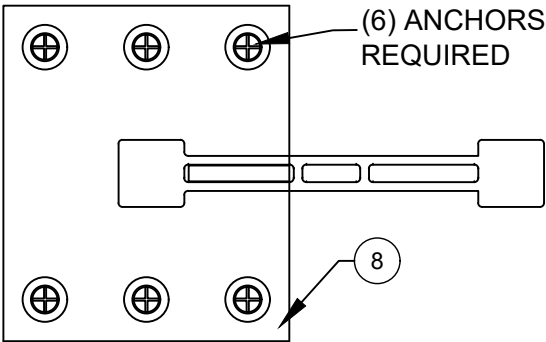
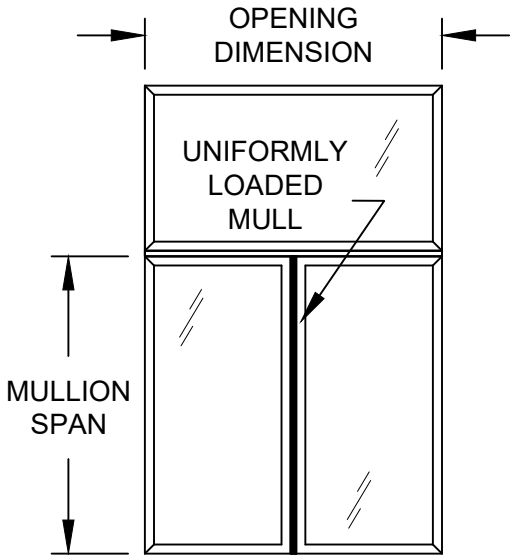
Title: ALUMINUM CLIPPED MULLION (LM)				Drawn By: S.B.		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2023 NEWSOUTH WINDOWS. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING. REGISTRATION #29296		
Description: DP TABLES (WOOD, CONCRETE & HOLLOW BLOCK INSTALLATION)				Date: 04/24/23				
Revision:			Rev. By:		Rev. Date:			
Series: MULLS		Scale: NTS	Sheet: 20 OF 25	Drawing No. NSMULLFPA-1				Rev:



A. LYNN MILLER, P.E.
P.E.# 58705



4 **6298 MULLION**
(6105-T5 ALUMINUM)



BRACKET (5951) TO MULLION DETAILS
(WOOD, HOLLOW BLOCK, OR 3K CONCRETE ANCHOR INSTALLATION)

DP TABLE FOR UNIFORM LOAD-- 6 ANCHORS IN CONCRETE OR HOLLOW BLOCK USING BRACKET 5951 AND 1/4" OR 3/16" ULTRACON+ ANCHORS

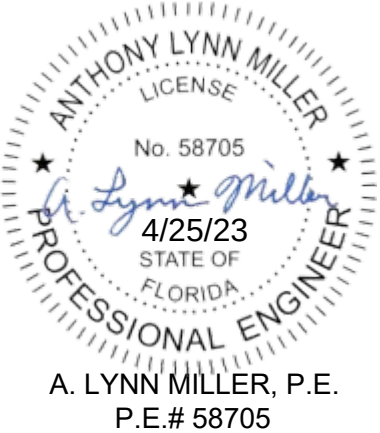
NewSouth Mull: 6298		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Uniform Loading	48 in	72	62	57	55	54	54	54	54
	54 in	62	52	47	45	43	43	43	43
	60 in	54	45	41	38	36	35	35	35
	63 in	51	42	38	35	33	32	31	31
	66 in	48	40	35	33	31	29	29	29
	69 in	45	38	33	30	29	27	26	26
	72 in	43	36	31	29	27	25	24	24

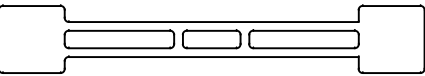
DP TABLE FOR UNIFORM LOAD-- 6 ANCHORS IN WOOD USING BRACKET 5951 AND #10 OR #12 SMS ANCHORS

NewSouth Mull: 6298		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Uniform Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	80	80
	60 in	80	80	80	80	80	77	76	76
	63 in	80	80	79	72	67	64	63	63
	66 in	80	78	68	61	57	54	52	52
	69 in	80	68	59	53	49	46	44	44
	72 in	74	59	51	46	42	40	38	38

NOTES:
1) DESIGN PRESSURE TABLES ARE APPLICABLE ONLY FOR THE ANCHOR BRACKET AND ANCHORS SPECIFIED ON THIS SHEET. REFER TO SHEET 25 FOR CROSS SECTION DETAILS.

Title: ALUMINUM CLIPPED MULLION (LM)				Drawn By: S.B.		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2023 NEWSOUTH WINDOWS. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING. REGISTRATION #29296
Description: DP TABLES (WOOD, CONCRETE & HOLLOW BLOCK INSTALLATION)				Date: 04/24/23		
Revision:			Rev. By:	Rev. Date:		
Series: MULLS	Scale: NTS	Sheet: 21 OF 25	Drawing No. NSMULLFPA-1		Rev:	





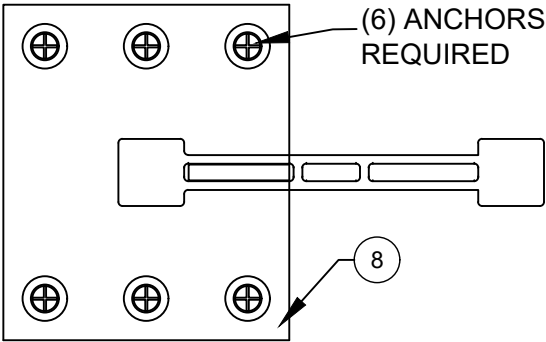
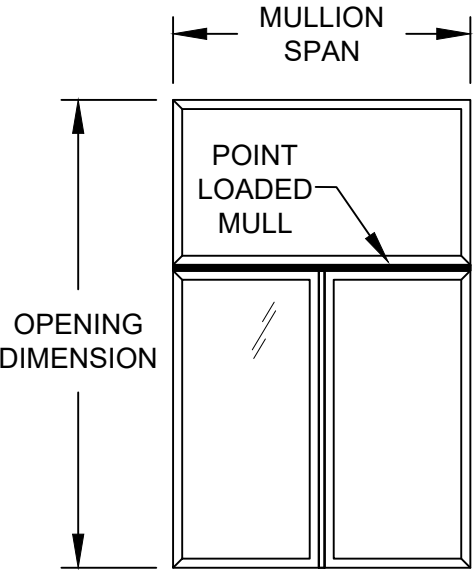
4 6298 MULLION
(6105-T5 ALUMINUM)

DP TABLE FOR POINT LOAD-- 6 ANCHORS IN CONCRETE OR HOLLOW
BLOCK USING BRACKET 5951 AND 1/4" OR 3/16" ULTRACON+ ANCHORS

NewSouth Mull: 6298		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Point Loading	48 in	54	42	35	30	26	24	20	20
	54 in	48	37	31	27	24	21	18	18
	60 in	43	33	28	24	21	19	16	16
	63 in	41	32	27	23	20	18	16	16
	66 in	39	30	25	22	19	17	15	15
	69 in	38	29	24	21	18	16	14	14
	72 in	36	28	23	20	18	16	14	14

DP TABLE FOR POINT LOAD-- 6 ANCHORS IN WOOD
USING BRACKET 5951 AND #10 OR #12 SMS ANCHORS

NewSouth Mull: 6298		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Point Loading	48 in	80	80	80	75	65	58	50	50
	54 in	80	80	77	66	58	52	45	45
	60 in	80	80	69	60	52	47	40	40
	63 in	80	79	66	57	50	44	38	38
	66 in	80	71	60	51	45	40	35	35
	69 in	80	62	52	45	39	35	30	30
	72 in	71	55	46	39	35	31	27	27



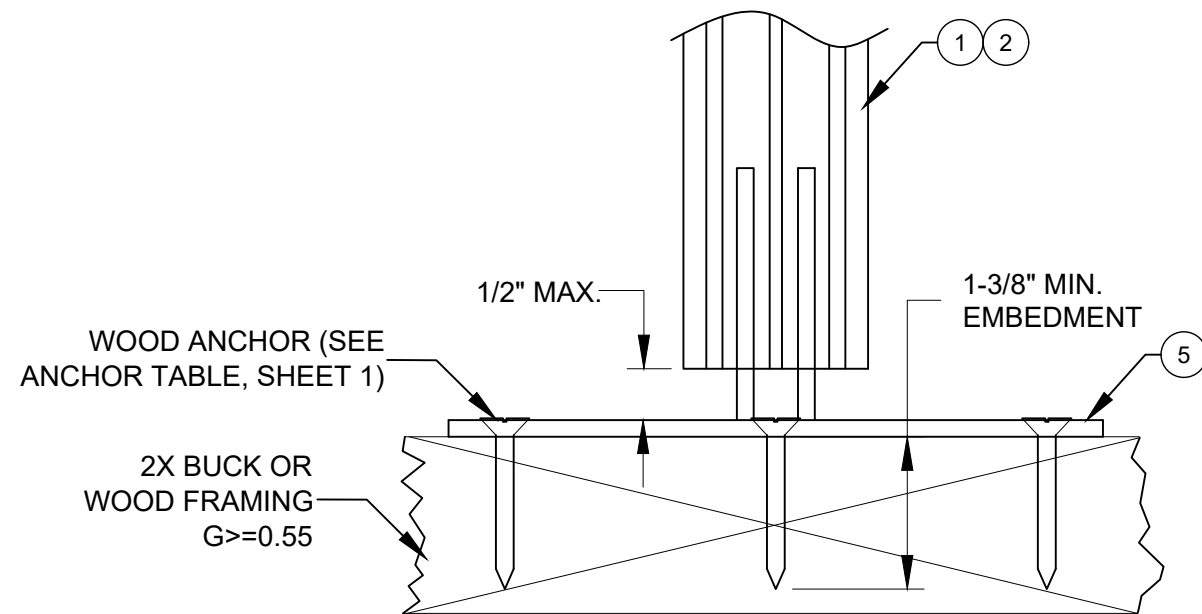
BRACKET (5951) TO MULLION DETAILS
(WOOD, HOLLOW BLOCK, OR 3K CONCRETE ANCHOR INSTALLATION)

NOTES:
1) DESIGN PRESSURE TABLES ARE
APPLICABLE ONLY FOR THE ANCHOR
BRACKET AND ANCHORS SPECIFIED ON
THIS SHEET. REFER TO SHEET 25 FOR
CROSS SECTION DETAILS.

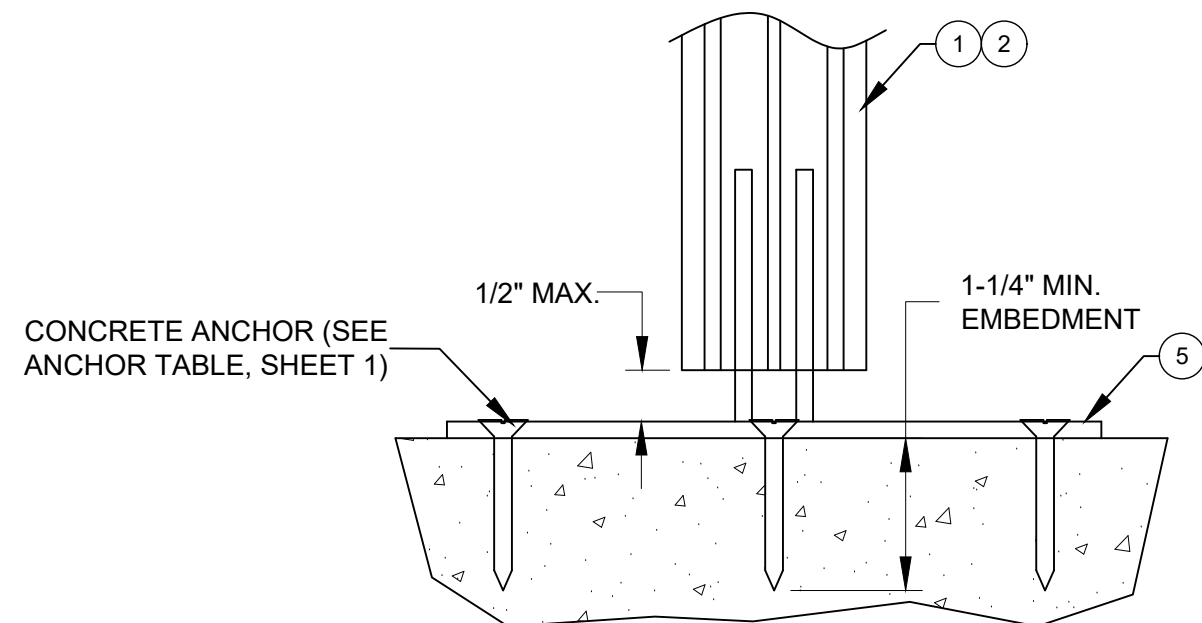
Title: ALUMINUM CLIPPED MULLION (LM)				Drawn By: S.B.		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2023 NEWSOUTH WINDOWS. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING. REGISTRATION #29296	
Description: DP TABLES (WOOD, CONCRETE & HOLLOW BLOCK INSTALLATION)				Date: 04/24/23			
Revision:			Rev. By:	Rev. Date:			
Series: MULLS		Scale: NTS	Sheet: 22 OF 25		Drawing No. NSMULLFPA-1		Rev:



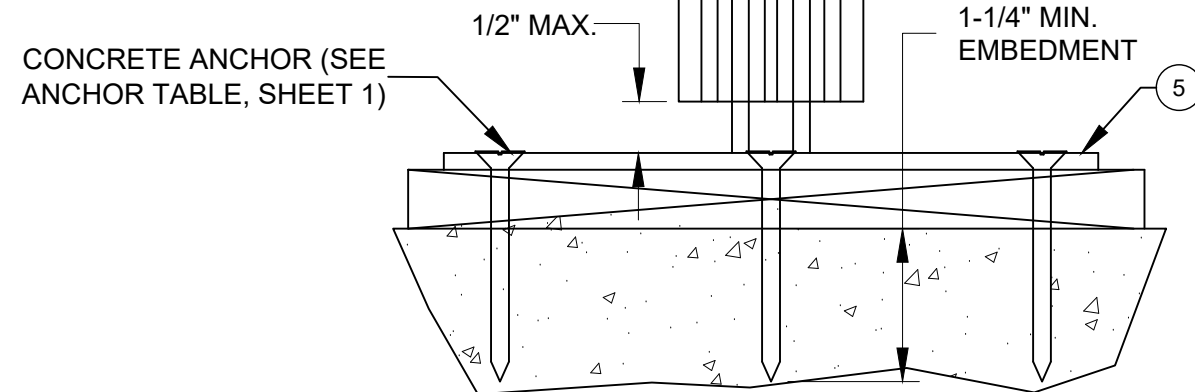
A. LYNN MILLER, P.E.
P.E.# 58705



1
23 **WOOD ANCHOR BRACKET DETAIL**
(ANCHOR TO 2X BUCK)



3
23 **CONCRETE ANCHOR BRACKET DETAIL**
(ANCHOR DIRECTLY TO MASONRY)

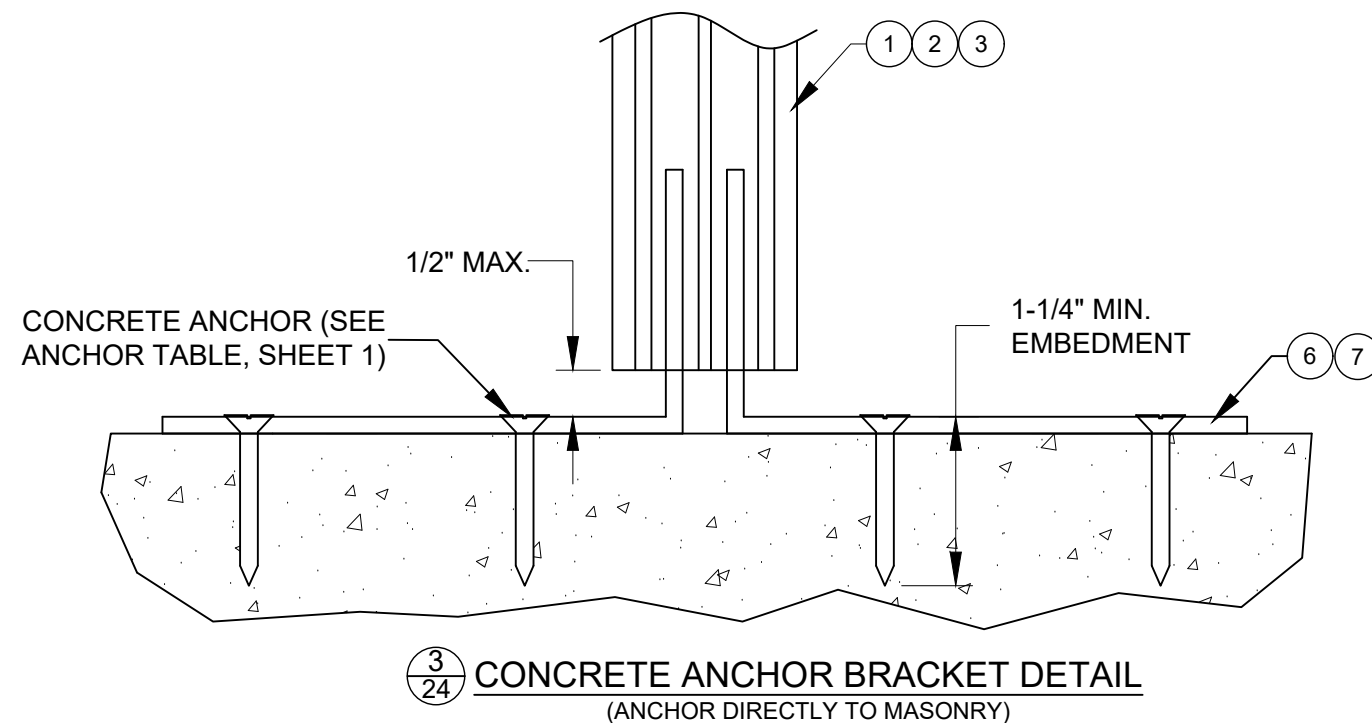
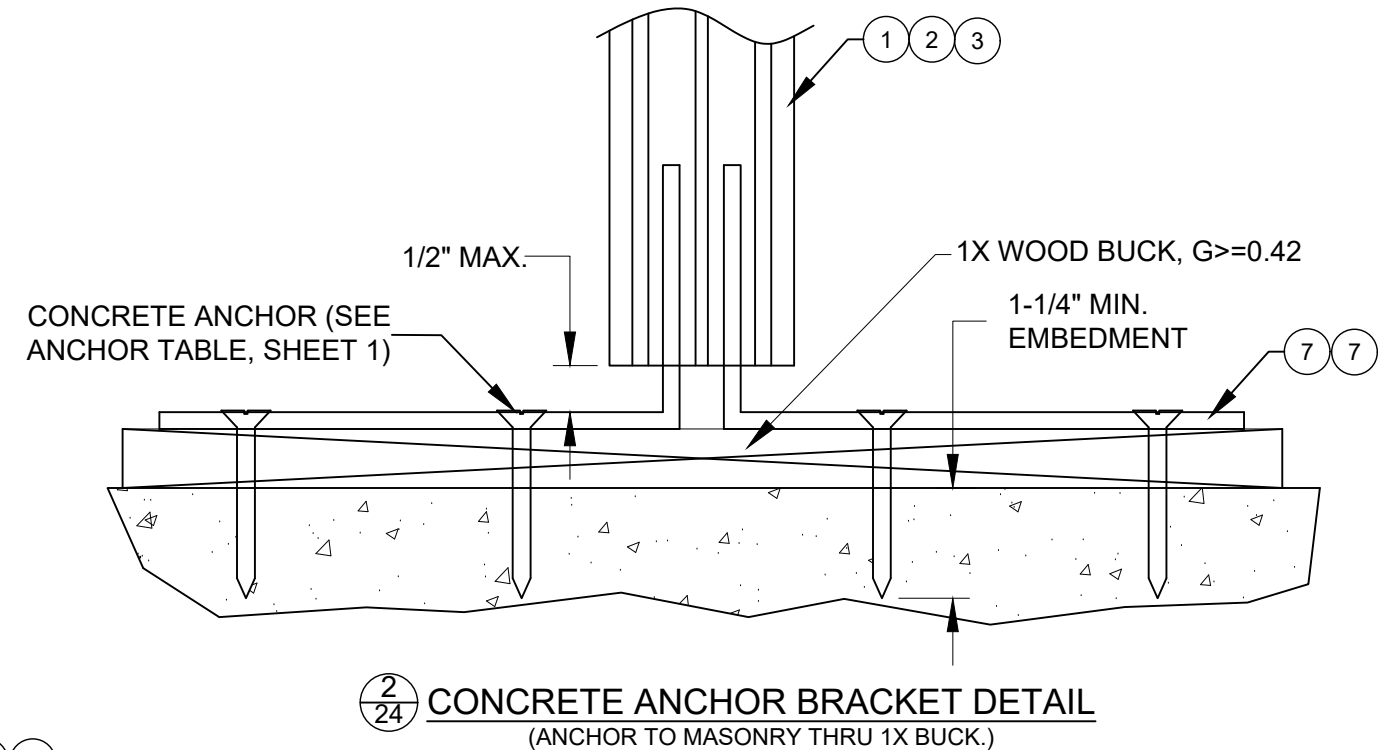
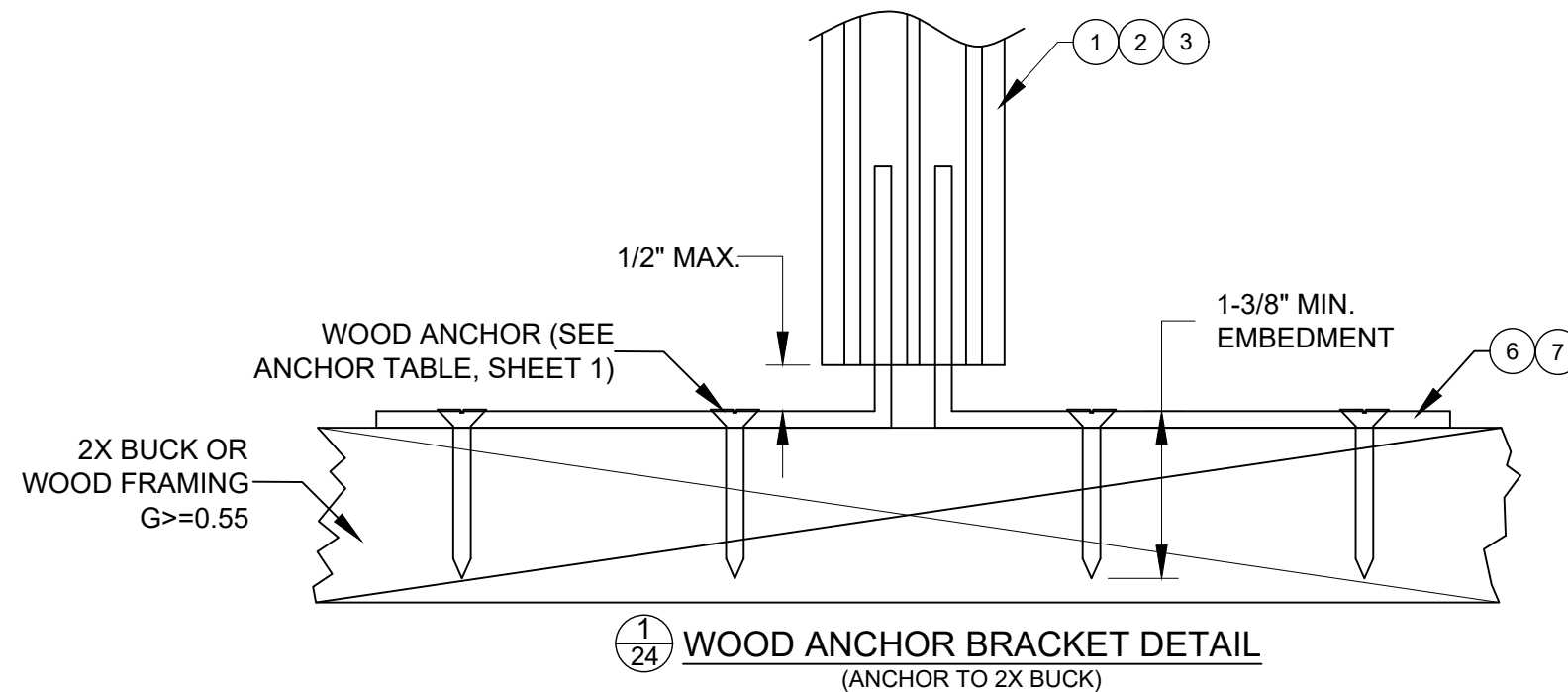


2
23 **CONCRETE ANCHOR BRACKET DETAIL**
(ANCHOR TO MASONRY THRU 1X BUCK.)

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Description: 3419 ANCHOR BRACKET DETAILS					Date: 04/24/23	
Revision:				Rev. By:	Rev. Date:	
Series: MULLS	Scale: NTS	Sheet: 23 OF 25	Drawing No. NSMULLFPA-1		Rev:	



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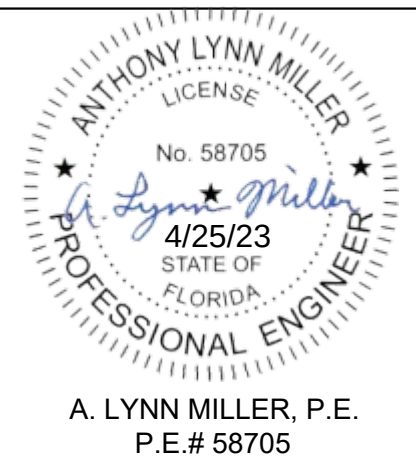


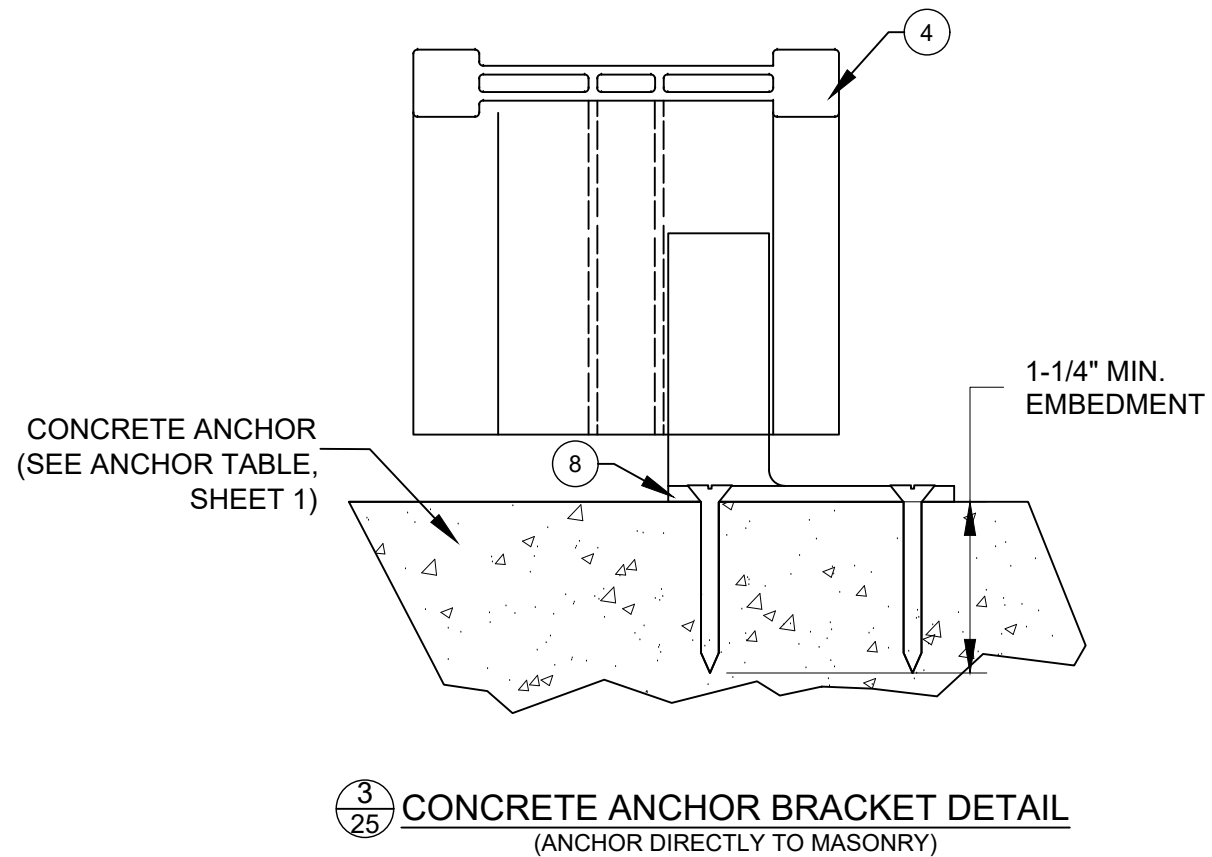
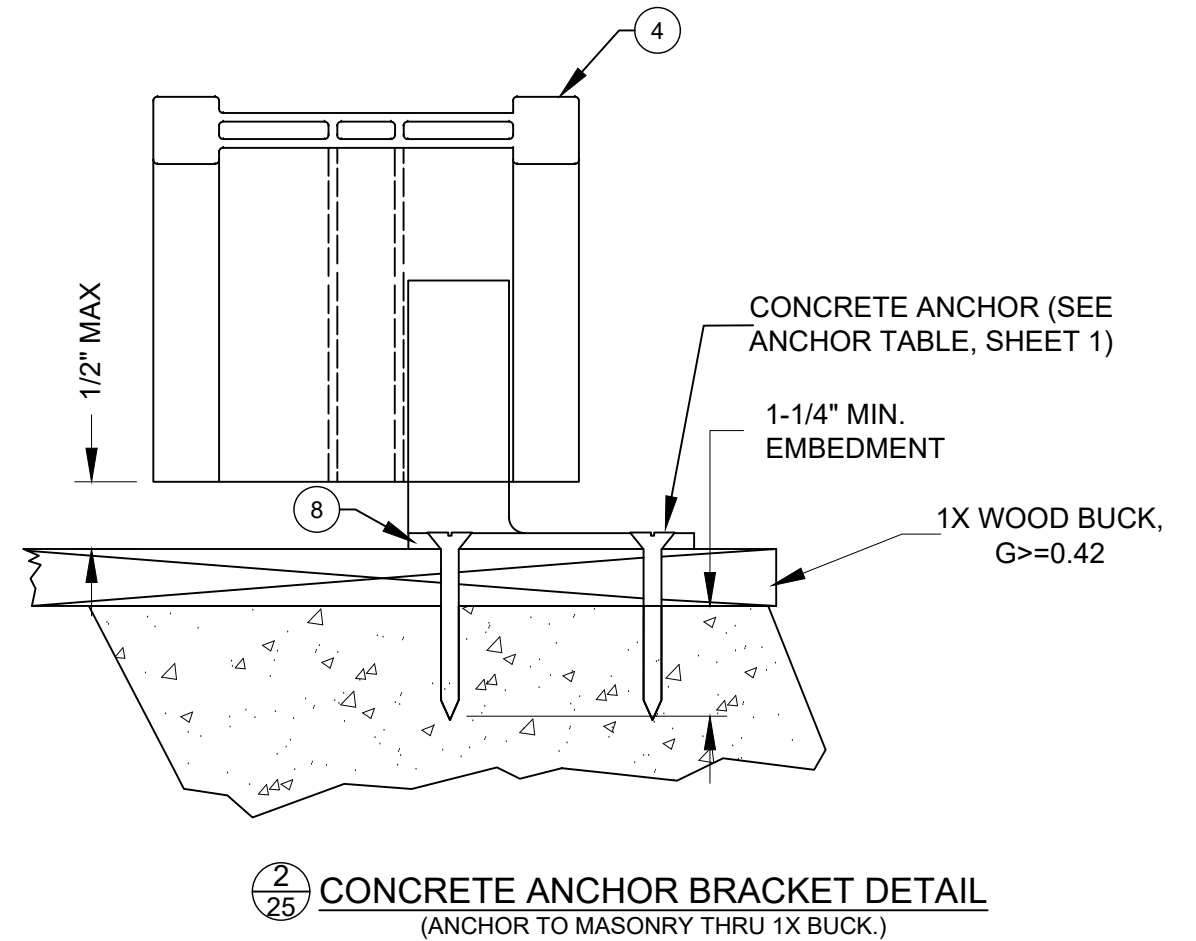
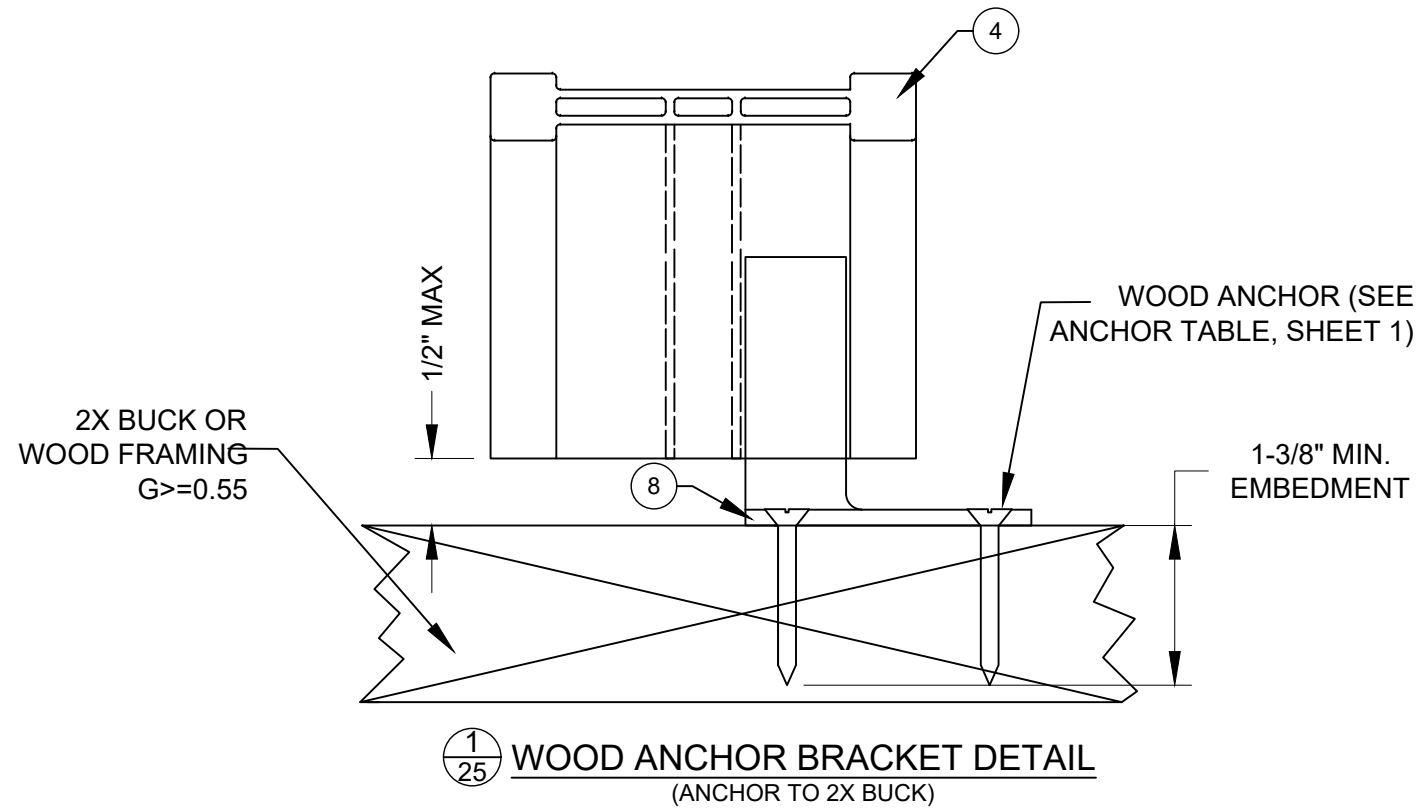
Title: ALUMINUM CLIPPED MULLION (LM)				Drawn By: S.B.		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2023 NEWSOUTH WINDOWS. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING. REGISTRATION #29296
Description: 3418 & F-6150 ANCHOR BRACKET DETAILS				Date: 04/24/23		
Revision:			Rev. By:	Rev. Date:		
Series: MULLS	Scale: NTS	Sheet: 24 OF 25	Drawing No. NSMULLFPA-1		Rev:	



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Description: 5951 ANCHOR BRACKET DETAILS			Date: 04/24/23		
Revision:		Rev. By:	Rev. Date:		
Series: MULLS	Scale: NTS	Sheet: 25 OF 25	Drawing No. NSMULLFPA-1	Rev:	

ANTHONY LYNN MILLER
LICENSE
No. 58705
4/25/23
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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