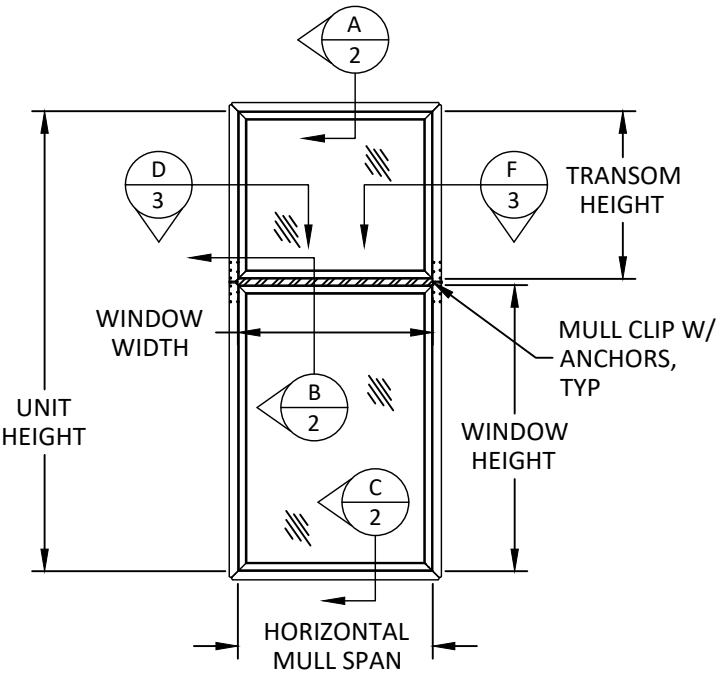


PLY GEM WINDOWS

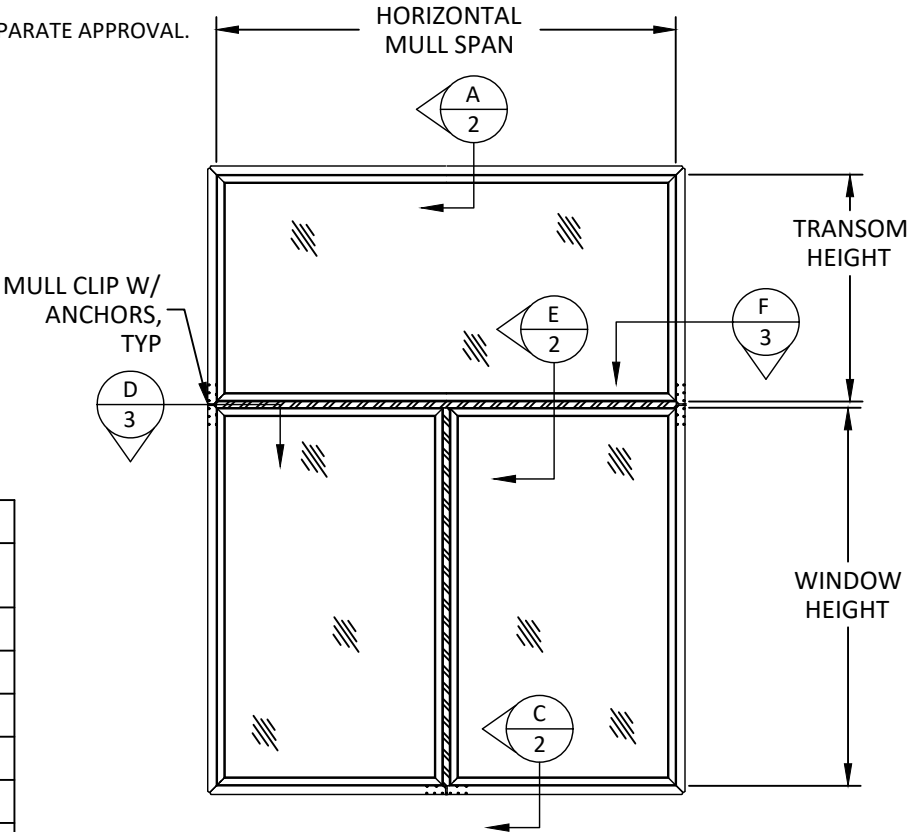
PREMIUM MIRA HORIZONTAL MULLION

- NOTES:
- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE.
 - MULLION INSTALLATION DETAILS APPLY TO PLY GEM PREMIUM MIRA ALUMINUM EXTRUDED MULL WITH STEEL ANCHOR CLIP AND ALUMINUM REINFORCEMENT KEY WHEN USED TO MULL WINDOWS WITH A HORIZONTALLY CONTINUOUS MULLION.
 - APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS ZONE 3 OR LESS. INDIVIDUAL UNITS MUST BE IMPACT RATED.
 - APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGION ZONE 4.
 - USE #8 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM EMBEDMENT OF 1 1/2" INTO WOOD FRAMING. (SEE CHARTS & NOTES ON SHEET 5, 6, & 7 FOR DESIGN PRESSURE AND ANCHOR NOTES).
 - USE #8 TEK SCREWS OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM 3 THREADS PENETRATION BEYOND STEEL STRUCTURE. (SEE CHARTS & NOTES ON SHEET 5, 6, & 7 FOR DESIGN PRESSURE AND ANCHOR NOTES).
 - 2X4 WOOD BUCKS TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE AND IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
 - SEE CHARTS & NOTES ON SHEETS 5, 6, & 7 FOR DESIGN PRESSURE.
 - THIS MULLION IS ONLY VALID WHEN USED IN CONJUNCTION WITH APPLICABLE PLY GEM PREMIUM MIRA PRODUCTS.
 - ALL WINDOWS USED WITH THIS MULLION SHALL BE QUALIFIED UNDER SEPARATE APPROVAL.
 - MULLION MATERIAL: 6063-T6 ALUMINUM.
 - CLIP MATERIAL: 16 GA CORROSION-RESISTANT STEEL
 - REINFORCEMENT KEY MATERIAL: 6063-T6 ALUMINUM.
 - INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM 18 GA. WALL THICKNESS

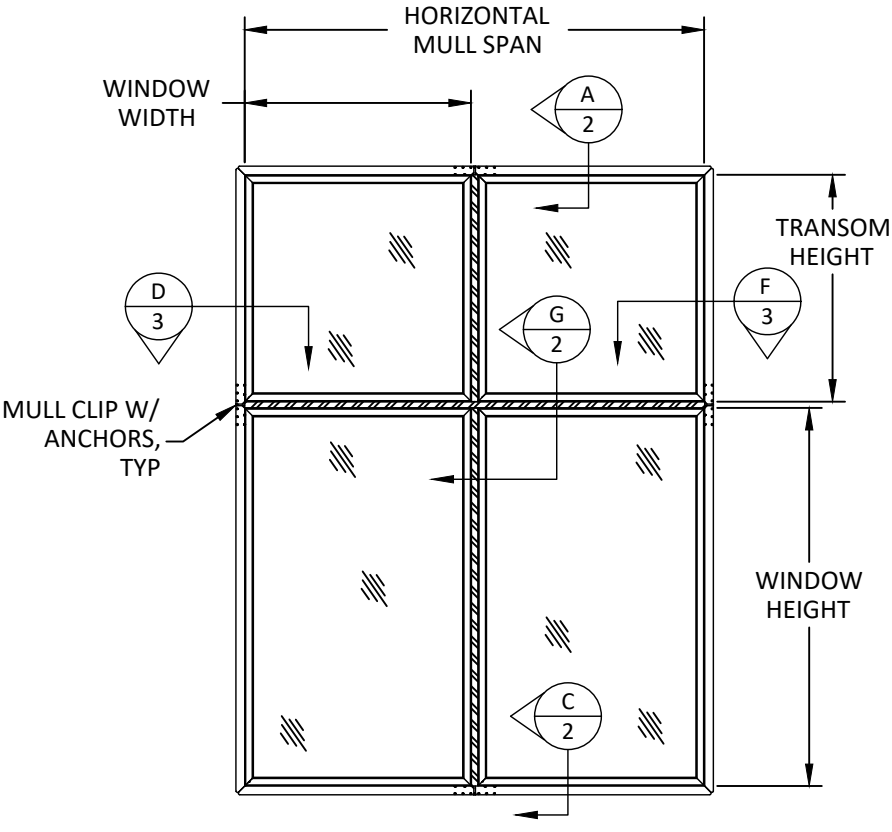
TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	MULLION ASSEMBLY ELEVATIONS & NOTES
2	MULLION VERTICAL SECTION DETAILS AND ANCHORING
3	MULLION HORIZONTAL SECTION DETAILS AND ANCHORING
4	MULLION COMPONENT DETAILS
5	OVER-UNDER MULLION DESIGN PRESSURE CHARTS
6	T-MULLION DESIGN PRESSURE CHARTS
7	X-MULLION DESIGN PRESSURE CHARTS



HORIZONTAL MULLION FOR WINDOW WITH TRANSOM



HORIZONTAL MULLION FOR SIDE-BY-SIDE WINDOWS W/ TRANSOM



HORIZONTAL MULLION FOR SIDE-BY-SIDE WINDOWS W/ SIDE-BY-SIDE TRANSOMS

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WINDOWS & DOORS
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PH: 540-484-6348 FX: 540-484-6683

PREMIUM MIRA
HORIZONTAL MULLION
MULLION ASSEMBLY
ELEVATIONS & NOTES

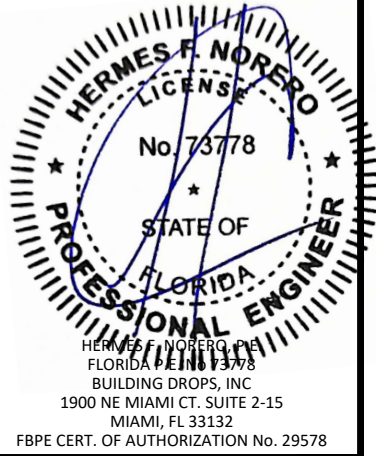
PREPARED BY:
BUILDING DROPS, INC.
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MIAMI, FL 33132
PH: (954) 399-9478
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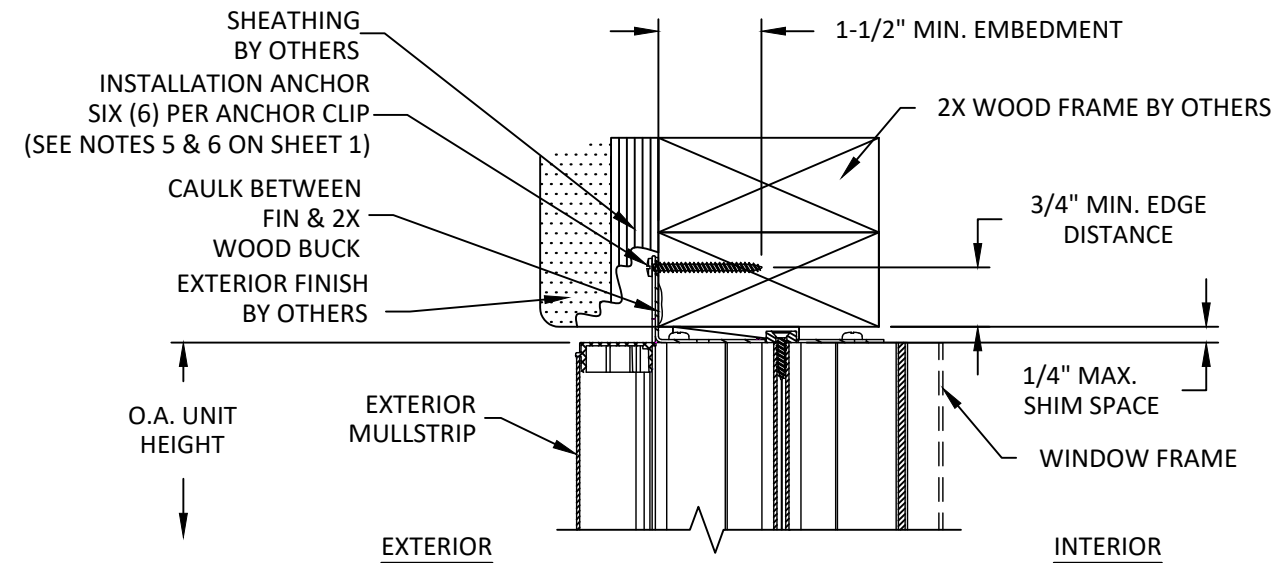
REMARKS	BY	DATE
5TH EDITION FBC UPDATE	SM	08.20.14
UPDATED NOTE 7, SHEET 5, 6 & 7	LMH	09.20.17
CURRENT FBC	LMH	07.21.26

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.08.06 20:17:31 -04'00'



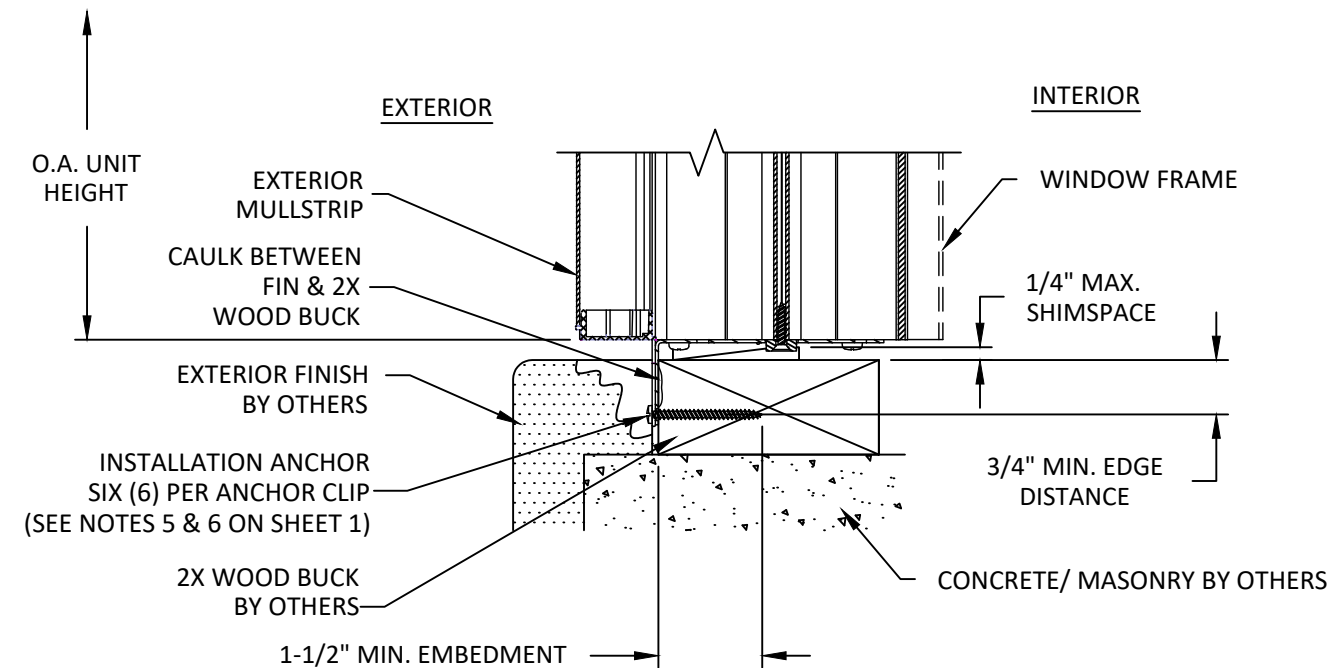
FL #:	15261
DATE:	02.13.12
DWG. BY:	GRN
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	PGW094
SHEET:	1



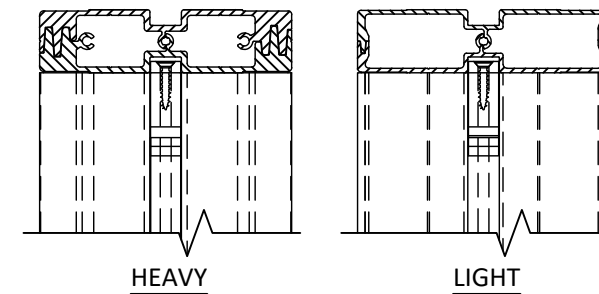
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HEAD - 2X WOOD FRAME
MULL ANCHOR CLIP



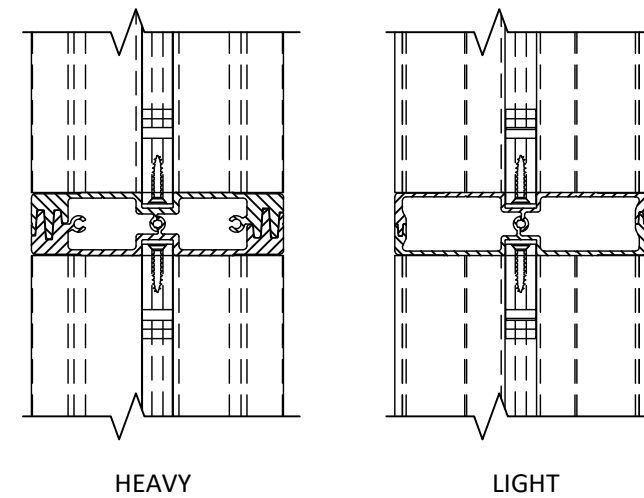
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2 **VERTICAL SECTION**
PREMIUM MIRA MULL
Heavy: Die # 11419, Light: Die # 11421



C
2 **VERTICAL SECTION**
SILL - 2X WOOD BUCK
MULL ANCHOR CLIP



E
2 **VERTICAL SECTION**
PREMIUM MIRA MULL
Heavy: Die # 11419, Light: Die # 11421



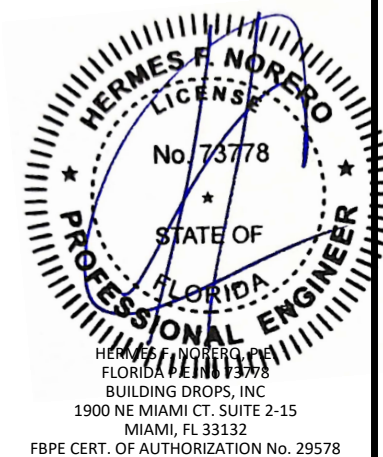
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2 **VERTICAL SECTION**
PREMIUM MIRA MULL
Heavy: Die # 11419, Light: Die # 11421

TITLE:
PREMIUM MIRA
HORIZONTAL MULLION
MULLION VERTICAL SECTION
DETAILS & ANCHORS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
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FAX: (954) 744-4738
WEB: www.buildingdrops.com

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DATE:	02.13.12
DWG. BY:	GRN
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	PGW094
SHEET:	2

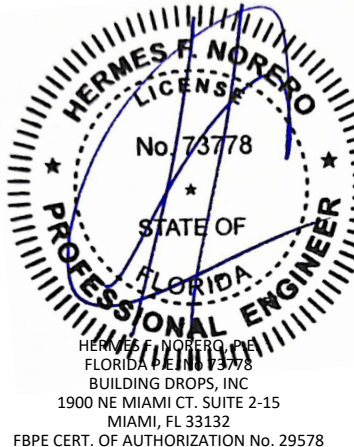
TITLE:
PREMIUM MIRA
HORIZONTAL MULLION
MULLION HORIZONTAL SECTION
DETAILS & ANCHORS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
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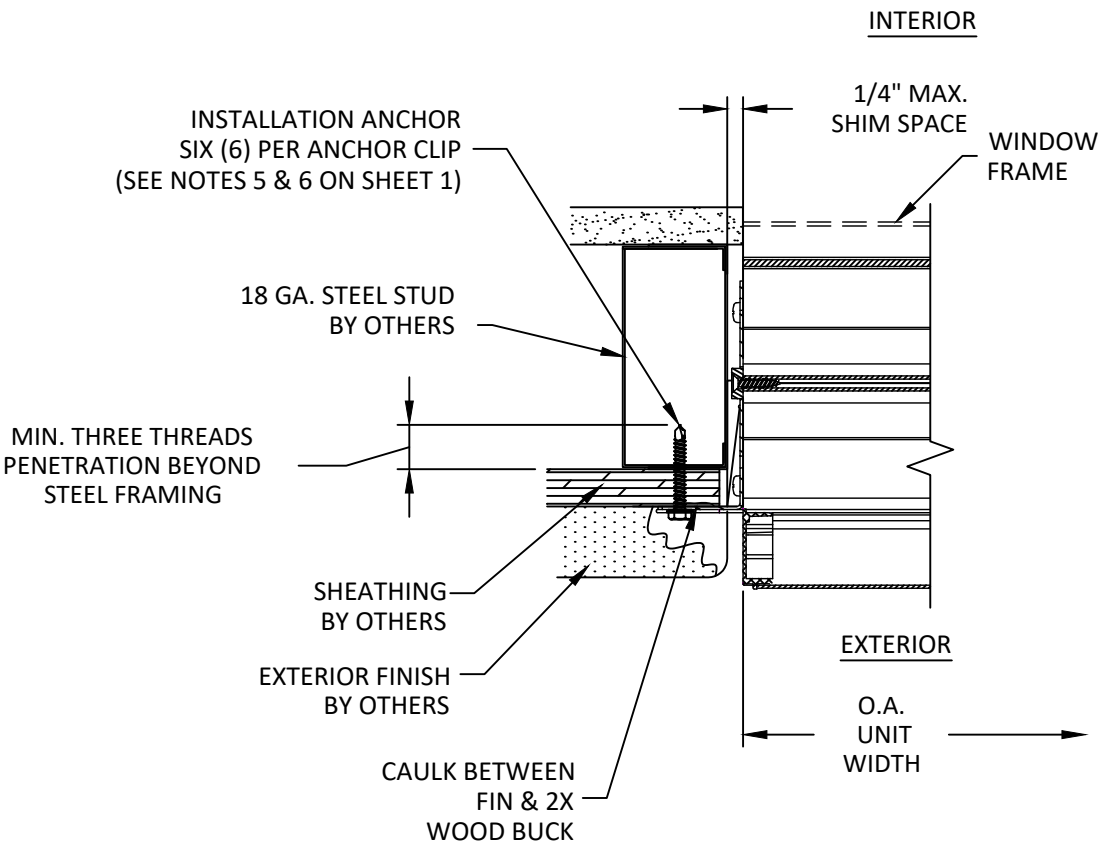
BD
BUILDING DROPS

REMARKS	BY	DATE
5TH EDITION FBC UPDATE	SM	08.20.14
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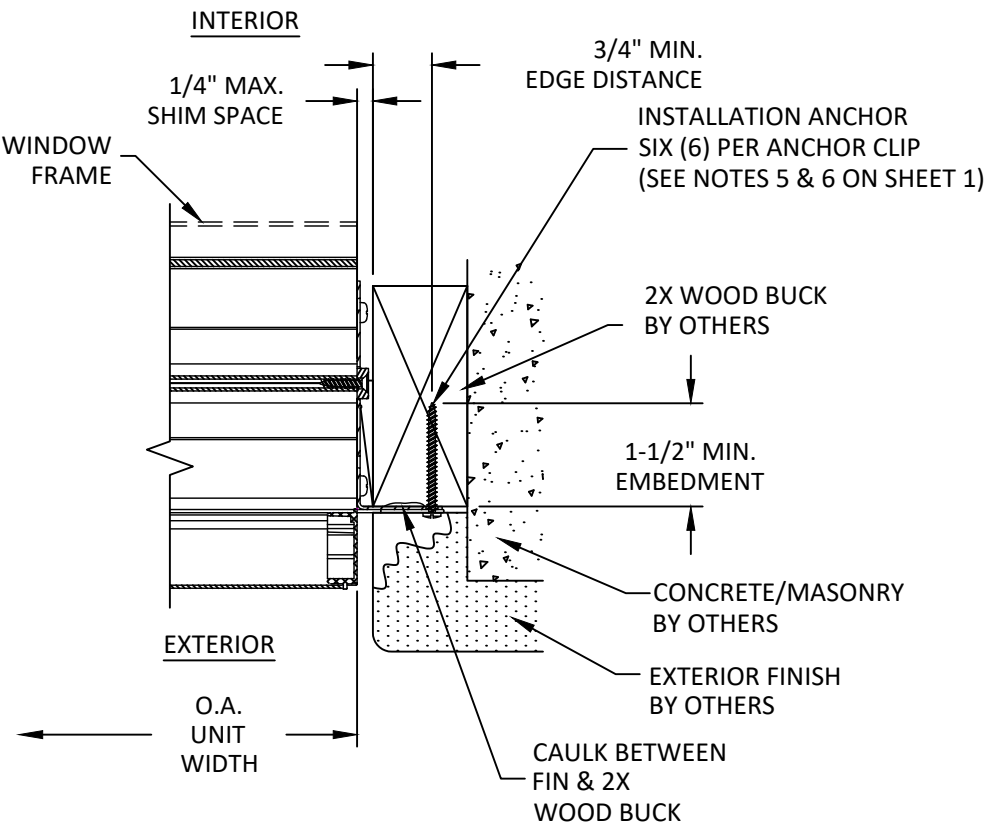
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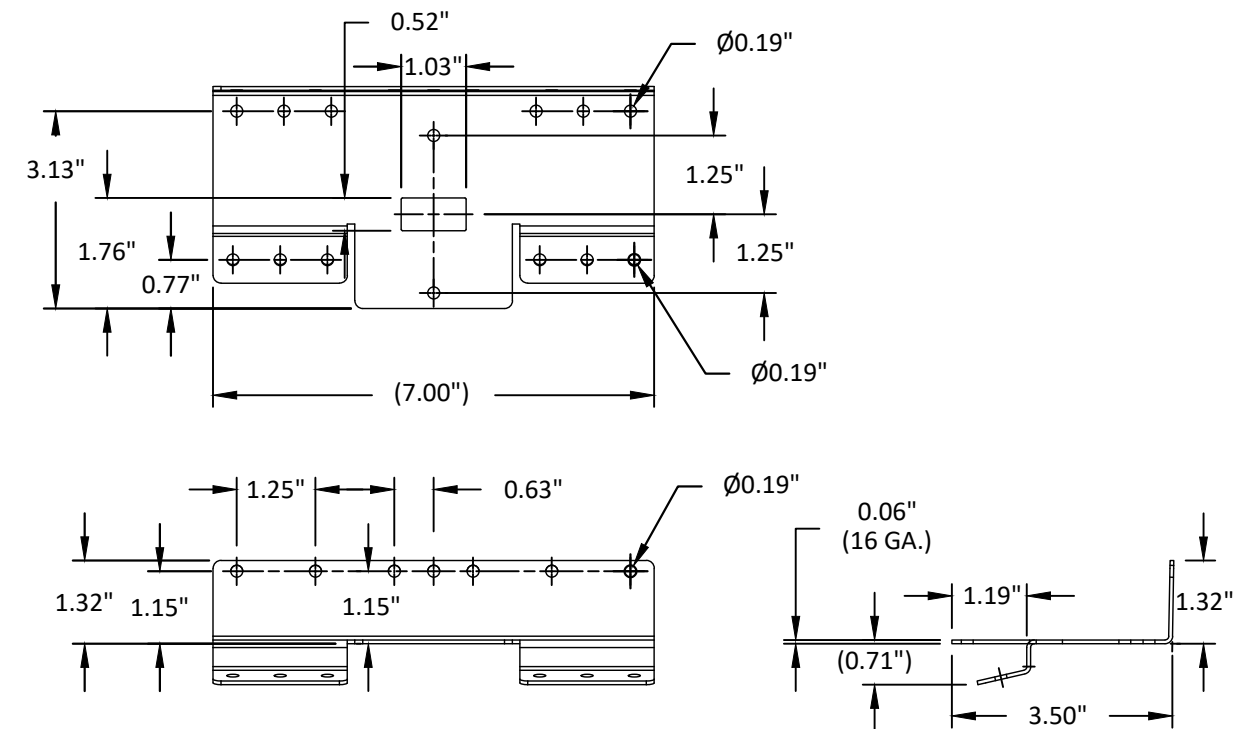
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DATE:	02.13.12		
DWG. BY:	GRN	CHK. BY:	HFN
SCALE:	NTS		
DWG. #:	PGW094		
SHEET:			



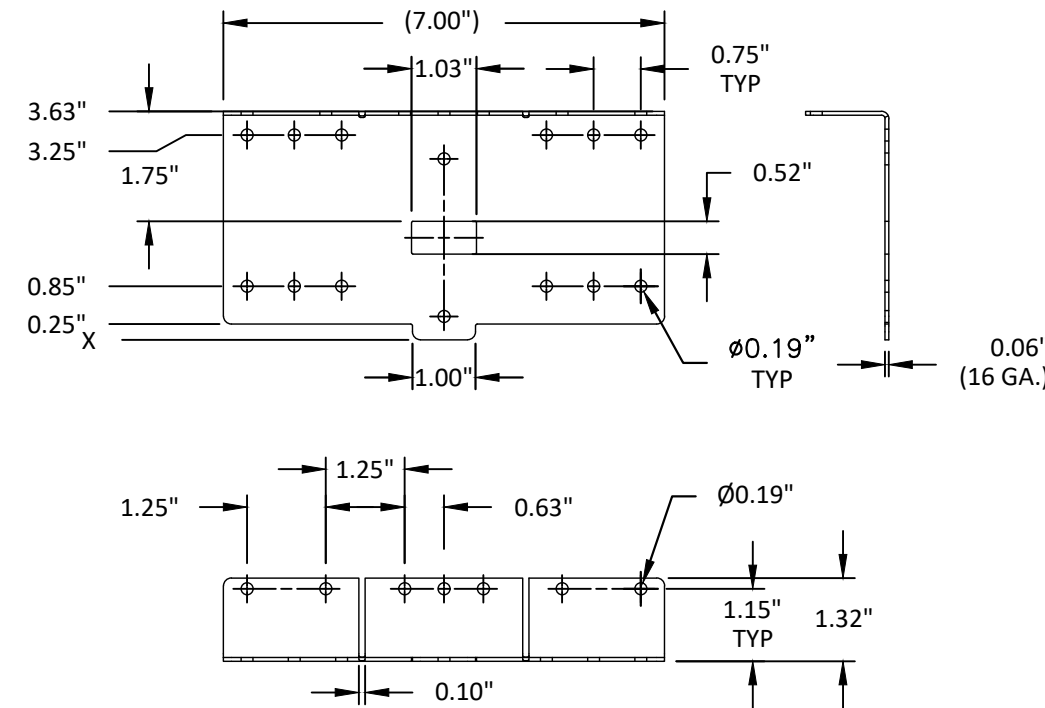
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3 **HORIZONTAL SECTION**
JAMB - STEEL STUD
MULL ANCHOR CLIP



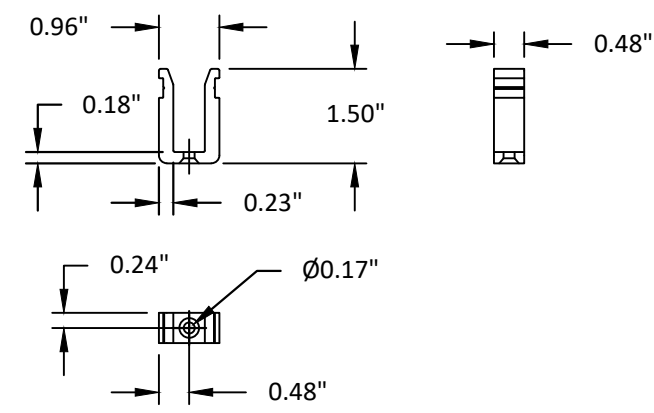
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3 **HORIZONTAL SECTION**
JAMB - 2X WOOD BUCK
MULL ANCHOR CLIP



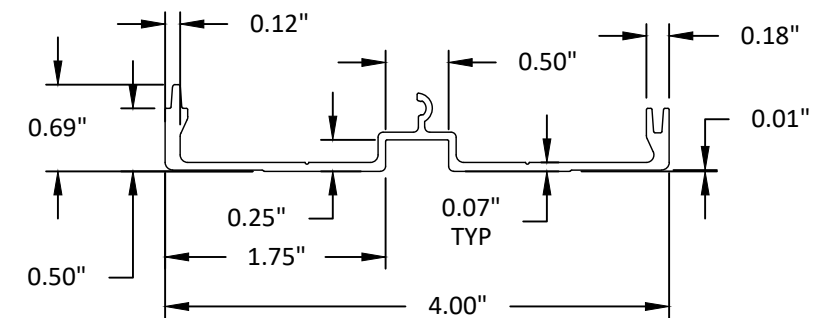
DOUBLE HUNG MULL CLIP
(253796)



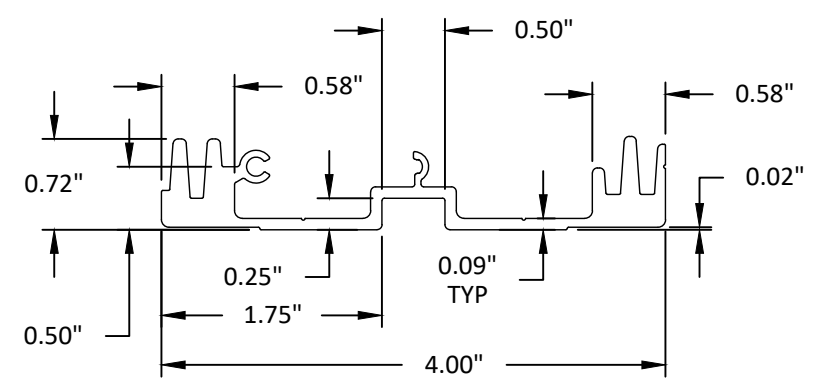
STANDARD MULL CLIP
(253797)



REINFORCEMENT KEY
(253800)



LIGHT REINFORCEMENT
(253804)



HEAVY REINFORCEMENT
(253799)

TITLE: PREMIUM MIRA
HORIZONTAL MULLION
MULLION COMPONENT DETAILS

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
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HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
HERMES F. NORERO, P.E.
FLORIDA #EIN 73778
BUILDING DROPS, INC.
1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:	15261
DATE:	02.13.12
DWG. BY:	GRN
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	PGW094
SHEET:	4

DESIGN PRESSURE CHARTS

FOR STACKED WINDOW W/ TRANSOM

Maximum design pressure capacity chart (psf)

Aluminum Reinforcement/Mullion Design

Design pressures are limited either by mullion or anchor screws or anchor clip capacity

Height (in)	Unit Width (in)														
	18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	60.0	72.0	84.0	96.0	108.0	120.0
16.0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20.0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	89
24.0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	75
28.0	100	100	100	100	100	100	100	100	100	100	100	100	100	91	65
32.0	100	100	100	100	100	100	100	100	100	100	100	100	96	81	58
36.0	100	100	100	100	100	100	100	100	100	100	100	100	87	73	52
40.0	100	100	100	100	100	100	100	100	100	100	100	94	80	67	48
44.0	100	100	100	100	100	100	100	100	100	100	100	88	74	62	44
48.0	100	100	100	100	100	100	100	100	100	100	100	83	70	58	41
52.0	100	100	100	100	100	100	100	100	100	100	97	78	66	54	39
56.0	100	100	100	100	100	100	100	100	100	100	93	75	62	52	37
60.0	100	100	100	100	100	100	100	100	100	100	90	72	60	49	35
64.0	100	100	100	100	100	100	100	100	100	100	88	69	57	47	33
66.0	100	100	100	100	100	100	100	100	100	98	87	68	56	46	32
70.0	100	100	100	100	100	100	100	100	95	88	85	66	54	44	31
74.0	100	100	100	100	100	100	100	95	88	80	77	65	53	43	30
84.0	100	100	100	100	100	95	89	80	73	65	61	60	50	40	28
94.0	100	100	100	97	89	82	77	69	63	55	50	48	48	38	26
108.0	100	100	92	83	76	70	65	58	52	45	41	38	37	36	24

Maximum design pressure capacity chart (psf)

Aluminum Reinforcement/Mullion Design

Design pressures are limited either by mullion or anchor screws or anchor clip capacity

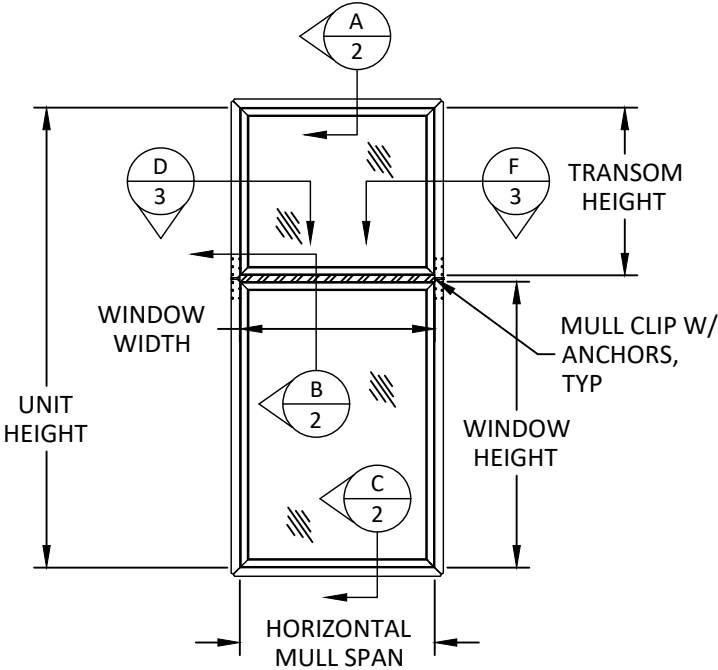
Height (in)	Unit Width (in)														
	18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	60.0	72.0	84.0	96.0	108.0	120.0
16.0	150	150	150	150	150	150	150	150	150	150	150	150	150	150	140
20.0	150	150	150	150	150	150	150	150	150	150	150	150	145	128	114
24.0	150	150	150	150	150	150	150	150	150	150	150	143	123	108	96
28.0	150	150	150	150	150	150	150	150	150	150	150	126	108	94	84
32.0	150	150	150	150	150	150	150	150	150	150	135	112	96	84	74
36.0	150	150	150	150	150	150	150	150	150	150	124	102	87	76	67
40.0	150	150	150	150	150	150	150	150	150	147	115	94	80	70	61
44.0	150	150	150	150	150	150	150	150	150	139	108	88	74	64	57
48.0	150	150	150	150	150	150	150	150	150	132	102	83	70	60	53
52.0	150	150	150	150	150	150	150	150	150	128	97	78	66	57	50
56.0	150	150	150	150	150	150	150	143	137	124	93	75	62	54	47
60.0	150	150	150	150	150	147	139	129	122	117	90	72	60	51	45
64.0	150	150	150	150	143	134	127	117	110	103	88	69	57	49	43
66.0	150	150	150	149	138	129	122	112	105	98	87	68	56	48	42
70.0	150	150	150	138	128	119	113	102	95	88	85	66	54	46	40
74.0	150	150	142	129	119	111	105	95	88	80	77	65	53	45	39
84.0	150	137	122	111	102	95	89	80	73	65	61	60	50	41	36
94.0	138	120	107	97	89	82	77	69	63	55	50	48	48	39	33
108.0	118	103	92	83	76	70	65	58	52	45	41	38	37	36	31

NOTES

1. THE DESIGN PRESSURES IN THIS CHART ARE FOR THE MULLIONS LISTED HERE WHEN USED WITH THE CLIP AND REINFORCEMENT KEY DETAILED IN THIS DOCUMENT.
2. FOR MULL CLIPS IN WOOD FRAMING INSTALLATION USE SIX (6) #8 WOOD SCREWS AT EACH ANCHOR CLIP. MUST BE OF SUFFICIENT LENGTH TO ACHIEVE A 1-1/2" MINIMUM EMBEDMENT INTO FRAMING. SEE SHEETS 2 & 3 FOR DETAILS.
3. FOR MULL CLIPS IN STEEL FRAMING INSTALLATION USE SIX (6) #8 TEK SCREWS AT EACH ANCHOR CLIP. MUST BE OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM 3 THREADS PENETRATION BEYOND STEEL STRUCTURE. SEE SHEETS 2 & 3 FOR DETAILS.
4. CHARTS APPLY ONLY TO PREMIUM MIRA EXTRUDED MULLIONS AS SPECIFIED HERE WHEN USED TO MULL WINDOWS IN AN OVER-UNDER ORIENTATION WITH A HORIZONTALLY CONTINUOUS MULL.
5. READ WINDOW WIDTH AND MULL SPAN IN INCHES. DESIGN PRESSURE VALUES ON THIS CHART ARE POSITIVE AND NEGATIVE PSF.
6. DESIGN PRESSURE VALUES APPLY TO MULLION WHERE TWO OR MORE WINDOWS ARE LISTED IN A SINGLE OPENING.
7. REFER TO REPORT #5101 FOR MORE MULLION SPECIFICATIONS.
8. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.

8.1. FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH FLORIDA BUILDING CODE SECTION 1711.1.1 (e.g., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).

8.2. CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH FLORIDA BUILDING CODE SECTION 1711.1.2 (e.g., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).



HORIZONTAL MULLION FOR WINDOW WITH TRANSOM



Part of the Cornerstone Building Brands Family

433 N. MAIN ST., PO BOX 559,
ROCKY MOUNT, VA 24151

PH: 540-484-6348 FX: 540-484-6683

TITLE:

PREMIUM MIRA
HORIZONTAL MULLION

OVER-UNDER MULLION
DESIGN PRESSURE CHARTS

PREPARED BY:

BUILDING DROPS, INC.
1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
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FAX: (954) 744-4738
WEB: www.buildingdrops.com



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1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:	15261
DATE:	02.13.12
DWG. BY:	GRN
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	PGW094
SHEET:	

DESIGN PRESSURE CHARTS
FOR SIDE-BY-SIDE WINDOWS W/ CONTINUOUS TRANSOM

Maximum design pressure capacity chart (psf)

Aluminum Reinforcement/Mullion Design

Design pressures are limited either by mullion or anchor screws or anchor clip capacity

Height (in)	Transom Height	Individual Unit Width (in)														
		18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	60.0	72.0	84.0	96.0	108.0	120.0
16.0	8.0	100	100	100	100	100	100	100	100	100	100	61	38	26	18	13
20.0	10.0	100	100	100	100	100	100	100	100	100	86	49	31	21	14	10
24.0	12.0	100	100	100	100	100	100	100	100	100	72	41	26	17	12	9
28.0	14.0	100	100	100	100	100	100	100	100	100	62	36	22	15	10	8
32.0	16.0	100	100	100	100	100	100	100	100	100	55	31	20	13	9	7
36.0	18.0	100	100	100	100	100	100	100	100	97	49	28	18	12	8	6
40.0	20.0	100	100	100	100	100	100	100	100	89	44	25	16	11	7	5
44.0	22.0	100	100	100	100	100	100	100	100	81	41	23	14	10	7	5
48.0	24.0	100	100	100	100	100	100	100	100	75	38	21	13	9	6	4
52.0	26.0	100	100	100	100	100	100	100	95	70	35	20	12	8	6	4
56.0	28.0	100	100	100	100	100	100	100	88	66	33	19	12	8	5	4
60.0	30.0	100	100	100	100	100	100	99	83	62	31	17	11	7	5	4
64.0	32.0	100	100	100	100	100	100	93	78	58	29	16	10	7	5	3
66.0	33.0	100	100	100	100	100	100	91	76	57	28	16	10	7	5	3
70.0	35.0	100	100	100	100	100	95	86	72	54	27	15	9	6	4	3
74.0	37.0	100	100	100	100	100	91	82	69	51	26	15	9	6	4	3
84.0	42.0	100	100	100	100	92	82	74	62	46	23	13	8	5	4	3
94.0	47.0	100	100	100	96	84	75	67	56	42	21	12	7	5	3	2
108.0	54.0	100	100	92	83	76	67	60	50	37	18	10	6	4	3	2

Maximum design pressure capacity chart (psf)

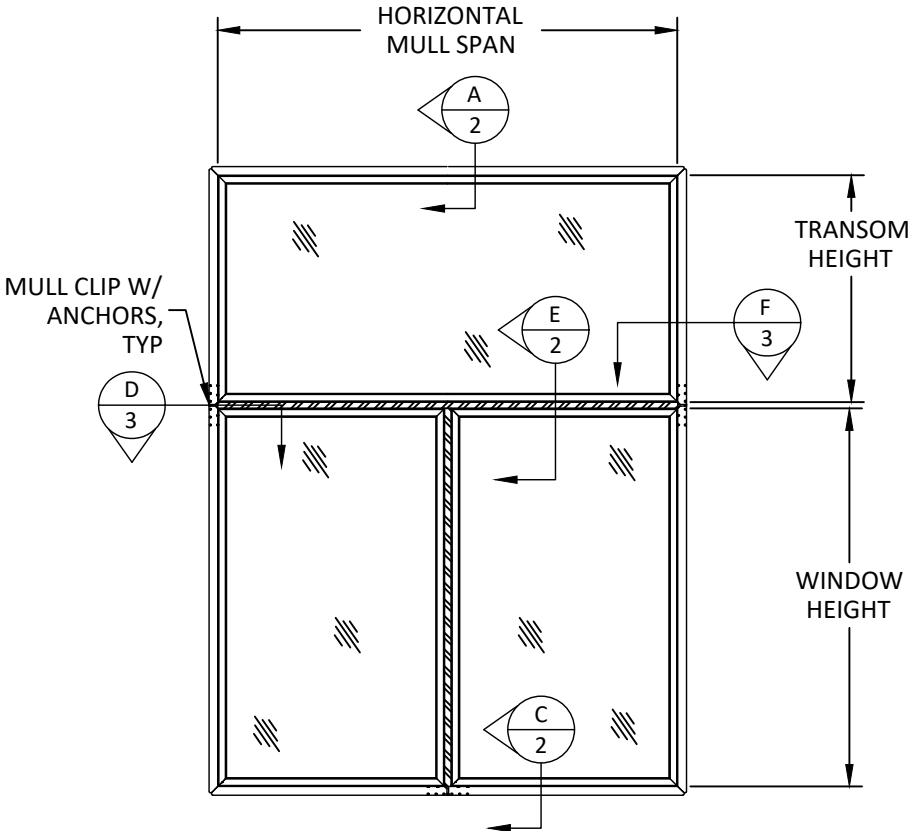
Aluminum Reinforcement/Mullion Design

Design pressures are limited either by mullion or anchor screws or anchor clip capacity

Height (in)	Transom Height	Individual Unit Width (in)														
		18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	60.0	72.0	84.0	96.0	108.0	120.0
16.0	8.0	150	150	150	150	150	150	150	150	150	150	89	56	37	26	19
20.0	10.0	150	150	150	150	150	150	150	150	150	125	72	45	30	21	15
24.0	12.0	150	150	150	150	150	150	150	150	150	105	60	38	25	18	13
28.0	14.0	150	150	150	150	150	150	150	150	147	91	52	33	22	15	11
32.0	16.0	150	150	150	150	150	150	150	149	130	80	46	29	19	13	10
36.0	18.0	150	150	150	150	150	150	150	133	116	72	41	26	17	12	9
40.0	20.0	150	150	150	150	150	150	142	121	105	65	37	23	15	11	8
44.0	22.0	150	150	150	150	150	143	130	110	96	59	34	21	14	10	7
48.0	24.0	150	150	150	150	147	132	120	102	88	55	31	20	13	9	7
52.0	26.0	150	150	150	150	137	123	112	95	82	51	29	18	12	8	6
56.0	28.0	150	150	150	145	128	115	105	88	77	48	27	17	11	8	6
60.0	30.0	150	150	150	137	121	109	99	83	72	45	26	16	11	7	5
64.0	32.0	150	150	149	130	115	103	93	78	68	43	24	15	10	7	5
66.0	33.0	150	150	145	126	112	100	91	76	66	41	23	15	10	7	5
70.0	35.0	150	150	139	120	106	95	86	72	62	39	22	14	9	6	5
74.0	37.0	150	150	133	115	102	91	82	69	59	37	21	13	9	6	4
84.0	42.0	150	137	121	104	92	82	74	62	53	34	19	12	8	5	4
94.0	47.0	138	120	107	96	84	75	67	56	48	30	17	11	7	5	4
108.0	54.0	118	103	92	83	76	67	60	50	43	27	15	9	6	4	3

NOTES

- THE DESIGN PRESSURES IN THIS CHART ARE FOR THE MULLIONS LISTED HERE WHEN USED WITH THE CLIP AND REINFORCEMENT KEY DETAILED IN THIS DOCUMENT.
- FOR MULL CLIPS IN WOOD FRAMING INSTALLATION USE SIX (6) #8 WOOD SCREWS AT EACH ANCHOR CLIP. MUST BE OF SUFFICIENT LENGTH TO ACHIEVE A 1-1/2" MINIMUM EMBEDMENT INTO FRAMING. SEE SHEETS 2 & 3 FOR DETAILS.
- FOR MULL CLIPS IN STEEL FRAMING INSTALLATION USE SIX (6) #8 TEK SCREWS AT EACH ANCHOR CLIP. MUST BE OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM 3 THREADS PENETRATION BEYOND STEEL STRUCTURE . SEE SHEETS 2 & 3 FOR DETAILS.
- CHARTS APPLY ONLY TO PREMIUM MIRA EXTRUDED MULLIONS AS SPECIFIED HERE WHEN USED TO MULL WINDOWS IN A SIDE-BY-SIDE ORIENTATION WITH CONTINUOUS TRANSOM AND HORIZONTALLY CONTINUOUS MULL.
- READ WINDOW WIDTH AND MULL SPAN IN INCHES. DESIGN PRESSURE VALUES ON THIS CHART ARE POSITIVE AND NEGATIVE PSF.
- DESIGN PRESSURE VALUES APPLY TO MULLION WHERE TWO OR MORE WINDOWS ARE LISTED IN A SINGLE OPENING.
- REFER TO REPORT #5101 LH FOR MORE MULLION SPECIFICATIONS.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
 - FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH FLORIDA BUILDING CODE SECTION 1711.1.1 (e.g., ASTM A153 CLASS D, ASTM A641 CLASS 35, OR EQUIVALENT CORROSION RESISTANCE).
 - CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH FLORIDA BUILDING CODE SECTION 1711.1.2 (e.g., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).



HORIZONTAL MULLION FOR
SIDE-BY-SIDE WINDOWS W/ TRANSOM



Part of the Cornerstone Building Brands Family

433 N. MAIN ST., PO BOX 559,
ROCKY MOUNT, VA 24151

PH: 540-484-6348 FX: 540-484-6683

TITLE: PREMIUM MIRA
HORIZONTAL MULLION

T-MULLION
DESIGN PRESSURE CHARTS

PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132

PH: (954) 399-8478

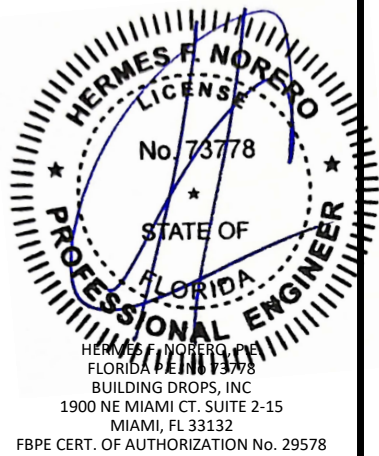
FAX: (954) 744-4738

WEB: www.buildingdrops.com



REMARKS	BY	DATE
5TH EDITION FBC UPDATE	SM	08.20.14
UPDATED NOTE 7, SHEET 5, 6 & 7	LMH	09.20.17
CURRENT FBC	LMH	07.21.26

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FL #:	15261
DATE:	02.13.12
DWG. BY:	GRN
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	PGW094
SHEET:	6

DESIGN PRESSURE CHARTS
FOR SIDE-BY-SIDE WINDOWS W/ SIDE-BY-SIDE TRANSOMS

Maximum design pressure capacity chart (psf)

Aluminum Reinforcement/Mullion Design

Design pressures are limited either by mullion or anchor screws or anchor clip capacity

									Horizontally Continuous				Light Reinforcement			
Height (in)	Transom Height	Individual Unit Width (in)														
		18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	60.0	72.0	84.0	96.0	108.0	120.0
16.0	8.0	100	100	100	100	100	100	100	100	100	100	61	38	26	18	13
20.0	10.0	100	100	100	100	100	100	100	100	100	85	49	31	20	14	10
24.0	12.0	100	100	100	100	100	100	100	100	100	71	41	26	17	12	9
28.0	14.0	100	100	100	100	100	100	100	100	100	61	35	22	15	10	8
32.0	16.0	100	100	100	100	100	100	100	100	96	54	31	19	13	9	7
36.0	18.0	100	100	100	100	100	100	100	100	87	48	28	17	12	8	6
40.0	20.0	100	100	100	100	100	100	100	94	80	44	25	16	10	7	5
44.0	22.0	100	100	100	100	100	100	100	88	74	40	23	14	10	7	5
48.0	24.0	100	100	100	100	100	100	100	82	70	37	21	13	9	6	4
52.0	26.0	100	100	100	100	100	100	94	78	66	34	20	12	8	6	4
56.0	28.0	100	100	100	100	100	99	89	73	62	32	18	11	8	5	4
60.0	30.0	100	100	100	100	100	94	84	70	59	30	17	11	7	5	4
64.0	32.0	100	100	100	100	100	90	80	66	56	28	16	10	7	5	3
66.0	33.0	100	100	100	100	99	88	79	65	55	27	16	10	6	5	3
70.0	35.0	100	100	100	100	94	84	75	62	52	26	15	9	6	4	3
74.0	37.0	100	100	100	100	90	80	72	59	49	25	14	9	6	4	3
84.0	42.0	100	100	100	92	81	73	65	54	44	22	13	8	5	4	3
94.0	47.0	100	100	96	84	74	66	60	50	39	20	11	7	5	3	2
108.0	54.0	100	93	83	75	66	59	53	45	35	17	10	6	4	3	2

Maximum design pressure capacity chart (psf)

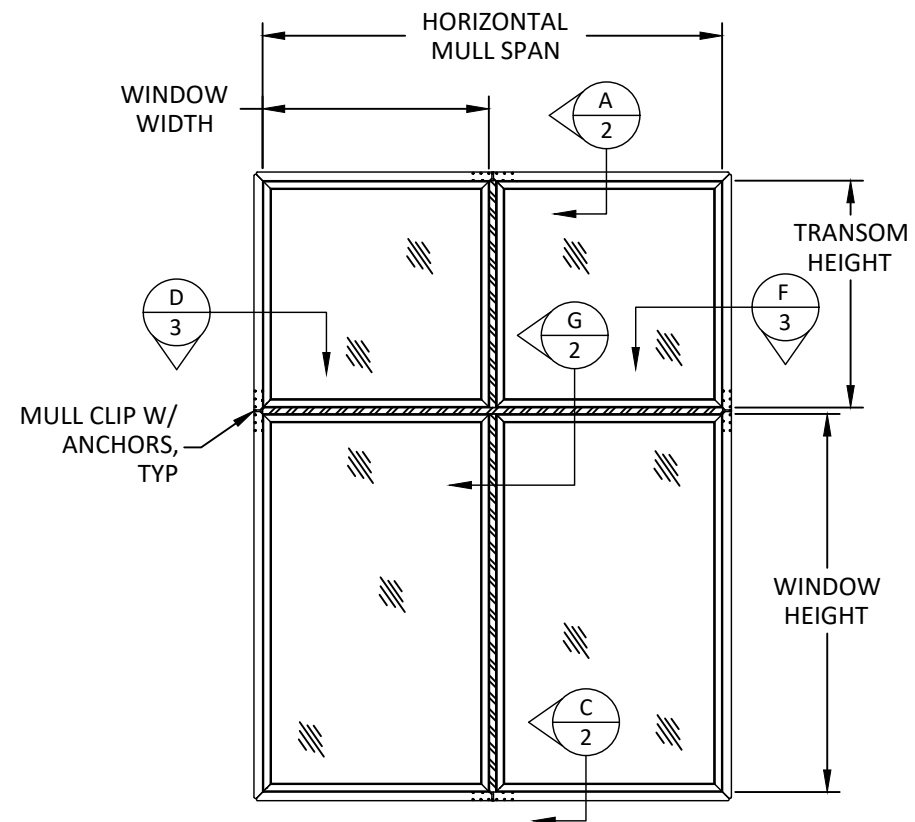
Aluminum Reinforcement/Mullion Design

Design pressures are limited either by mullion or anchor screws or anchor clip capacity

									Horizontally Continuous				Heavy Reinforcement			
Height (in)	Transom Height	Individual Unit Width (in)														
		18.0	21.0	24.0	27.0	30.0	33.0	36.0	42.0	48.0	60.0	72.0	84.0	96.0	108.0	120.0
16.0	8.0	150	150	150	150	150	150	150	150	150	140	89	56	37	26	19
20.0	10.0	150	150	150	150	150	150	150	150	145	114	71	45	30	21	15
24.0	12.0	150	150	150	150	150	150	150	143	123	96	60	37	25	18	13
28.0	14.0	150	150	150	150	150	150	150	126	108	84	51	32	22	15	11
32.0	16.0	150	150	150	150	150	150	135	112	96	74	45	28	19	13	10
36.0	18.0	150	150	150	150	150	138	124	102	87	67	40	25	17	12	9
40.0	20.0	150	150	150	150	144	128	115	94	80	61	37	23	15	11	8
44.0	22.0	150	150	150	150	134	119	107	88	74	57	33	21	14	10	7
48.0	24.0	150	150	150	143	125	111	100	82	70	53	31	19	13	9	6
52.0	26.0	150	150	150	135	118	105	94	78	66	50	29	18	12	8	6
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74.0	37.0	150	138	118	102	90	80	72	59	50	36	21	13	8	6	4
84.0	42.0	141	124	106	92	81	73	65	54	46	32	18	11	8	5	4
94.0	47.0	125	109	96	84	74	66	60	50	42	29	17	10	7	5	3
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HORIZONTAL MULLION FOR
SIDE-BY-SIDE WINDOWS W/
SIDE-BY-SIDE TRANSOMS

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WINDOWS & DOORS
Part of the Cornerstone Building Brands Family
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ROCKY MOUNT, VA 24151
PH: 540-484-6348 FX: 540-484-6683

TITLE: PREMIUM MIRA
HORIZONTAL MULLION

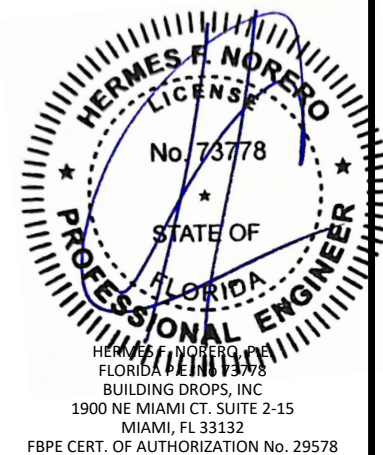
X-MULLION
DESIGN PRESSURE CHARTS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT. SUITE 2-15
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