

YKK AP AMERICA INC.

YOW 350 THERMAL ALUMINUM MULLION

(WIND ZONE 3 IMPACT)

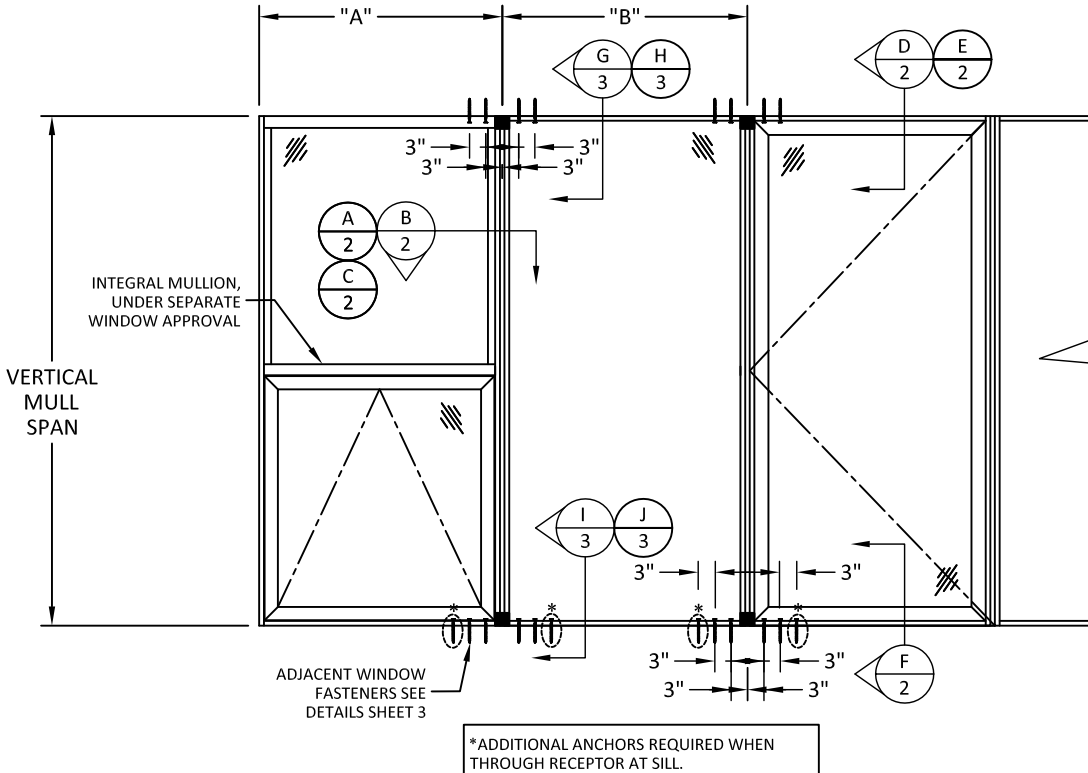
INSTALLATION NOTES:

- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- INSTALL INDIVIDUAL ANCHORS WITHIN A TOLERANCE OF +/- 1/2 INCH OF THE DEPICTED LOCATION AS SPECIFIED. TOLERANCES ARE NOT CONSIDERED CUMULATIVE FROM ONE LOCATION TO THE NEXT.
- FOR MULLION CLIP: USE TWO (2) #14 WOOD SCREWS PER CLIP (FOUR PER MULLION END), OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM EMBEDMENT OF 1 1/2" INTO WOOD FRAMING. INSTALLATION SHALL MAINTAIN A MINIMUM EDGE DISTANCE OF 3/4" (SEE INSTALLATION DETAILS ON SHEET 2).
- FOR MULLION CLIP: USE ONE (1) 1/4" ITW TAPCON PER MULLION PER CLIP (TWO PER MULLION END) OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM EMBEDMENT OF 1 1/4" INTO CONCRETE OR MASONRY. INSTALLATION SHALL MAINTAIN A MINIMUM EDGE DISTANCE OF 2 1/2" (SEE INSTALLATION DETAILS ON SHEET 2).
- FOR MULLION CLIP: USE TWO (2) 1/4-20 MIN. GR. 5 SELF-DRILLING OR SELF-TAPPING SCREWS PER CLIP (FOUR PER MULLION END) OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM 3 THREADS PENETRATION BEYOND METAL SUBSTRATE. (SEE INSTALLATION DETAILS ON SHEET 2).
- FOR ADJACENT WINDOWS: USE #14 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM EMBEDMENT OF 1 1/2" INTO WOOD FRAMING. INSTALLATION SHALL MAINTAIN A MINIMUM EDGE DISTANCE OF 3/4" (SEE INSTALLATION DETAILS ON SHEET 3).
- FOR ADJACENT WINDOWS: USE 1/4" ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM EMBEDMENT OF 1 1/4" INTO CONCRETE OR MASONRY. INSTALLATION SHALL MAINTAIN A MINIMUM EDGE DISTANCE OF 2 1/2" (SEE INSTALLATION DETAILS ON SHEET 3).
- FOR ADJACENT WINDOWS: USE 1/4-20 MIN. GR. 5 SELF-DRILLING OR SELF-TAPPING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM 3 THREADS PENETRATION BEYOND METAL SUBSTRATE. (SEE INSTALLATION DETAILS ON SHEET 3).
- INSTALLATION ANCHORS THROUGH MULLION CLIPS AND THROUGH ADJACENT WINDOWS SHALL BE USED SIMULTANEOUSLY. SHOULD SEPARATE WINDOW APPROVAL REQUIRE MORE FASTENERS THAN SHOWN HEREIN AT EA. END OF MULL, SEPARATE WINDOW APPROVAL SHALL GOVERN QUANTITY.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK, VENEER, AND SIDING.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 - STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM 18 GA. (0.0478") WALL THICKNESS.
 - ALUMINUM - ALLOY SHALL BE MIN. 6063-T5 MINIMUM (0.125") WALL THICKNESS.

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FBC, EXCLUDING HVHZ, AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-08
 - 6TH EDITION FBC SECTION 1709.8
- APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED ON THIS PRODUCT IN WIND BORNE DEBRIS REGIONS ZONE 3 OR LESS SUCH THAT ADJOINING WINDOWS ARE EQUALLY IMPACT RATED.
- APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGION ZONE 4.
- 2X WOOD BUCKS AND METAL STUDS TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE AND IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT IN NON-HVHZ AREAS.
- THIS MULLION IS ONLY VALID WHEN USED IN CONJUNCTION WITH APPLICABLE YKK AP AMERICA PRODUCTS. QUALIFIED CONFIGURATIONS INCLUDE BUT NOT LIMITED TO, FIXED-FIXED, FIXED-OPERABLE, & OPERABLE-OPERABLE CONFIGURATIONS OF CASEMENT, PROJECT OUT, AND FIXED WINDOW PRODUCTS.
- ALL WINDOWS USED WITH THIS MULLION SHALL BE QUALIFIED UNDER SEPARATE APPROVAL. THE LESSER DESIGN PRESSURE RATING OF THE WINDOW OR THE MULLION OF INSTALLATION SHALL GOVERN THE OVERALL DESIGN PRESSURE OF THE ASSEMBLY.
- MULLION MATERIAL: 6063-T5 ALUMINUM.
- CLIP MATERIAL: 6063-T5 ALUMINUM.
- DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED IN ACCORDANCE WITH THE FBC.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	ELEVATION, INSTALLATION & GENERAL NOTES
2	WINDOW DETAILS
3	MULLION DETAILS
4	DESIGN PRESSURE TABLES
5	COMPONENTS
6	BILL OF MATERIALS



VERTICAL MULLION

SEE GEN. NOTE 6 FOR QUALIFIED CONFIGURATIONS

DESIGN PRESSURE TABLE		
MAX. SIZE	MAX. DP	IMPACT RATING
SEE SHEET 4	SEE SHEET 4	LMI & SMI



YKK AP AMERICA

1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021
PH: (478)277-1955 FAX: (678)838-6001

TITLE: YOW 350 THERMAL ALUMINUM MULLION

ELEVATION
INSTALLATION & GENERAL NOTES

PREPARED BY:

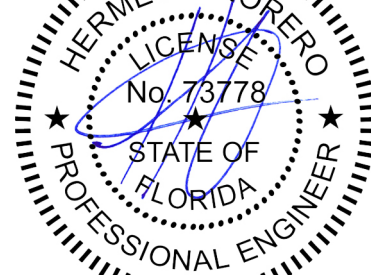
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2017.08.10 15:33:40 -0400



HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL19017

DATE: 08.10.17

DWG. BY:
RV

CHK. BY:
HFN

SCALE: NTS

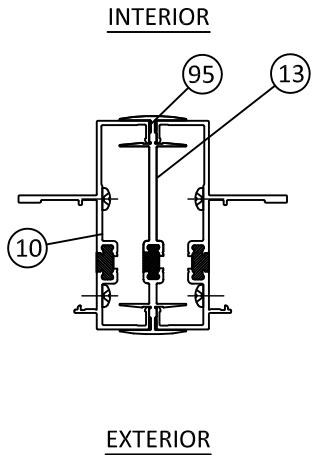
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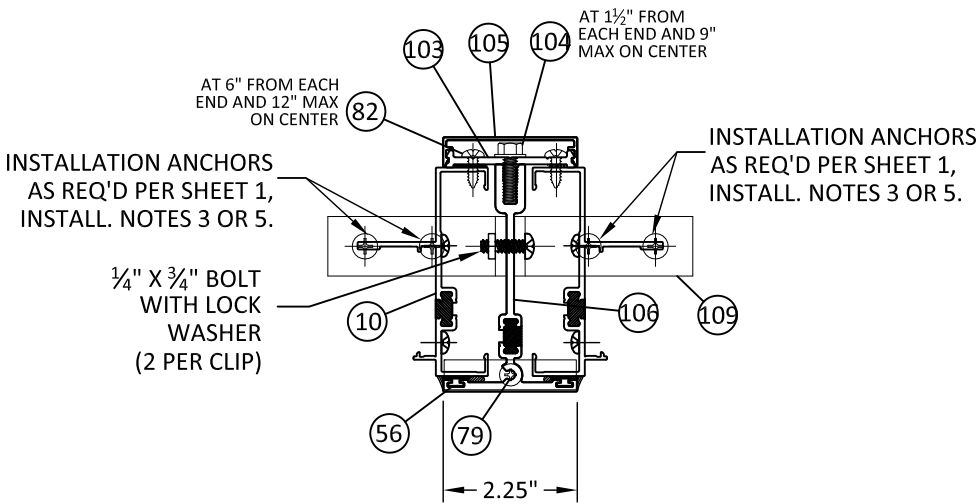
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OF 6

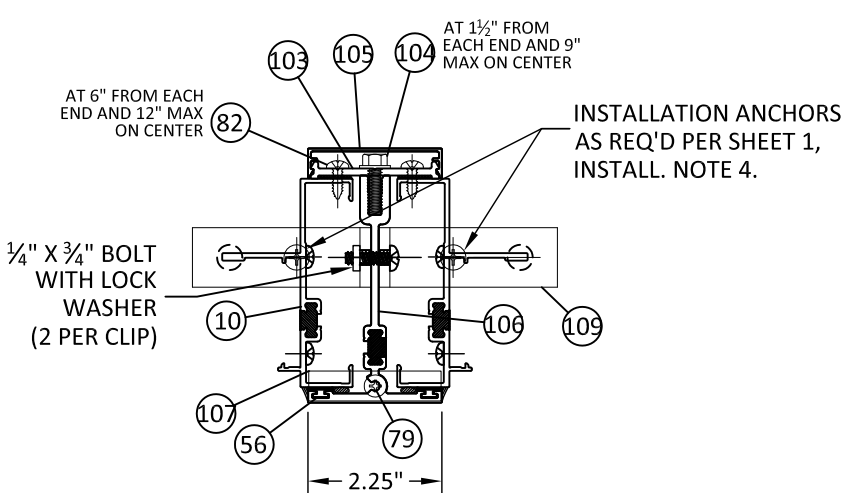
NOTE: ZERO MULL DOES NOT REQUIRE MULL CLIPS AT APPROVED SIZES AND PRESSURES.



A
2 **HORIZONTAL SECTION**
ZERO MULLION - TYP.
FIXED - FIXED

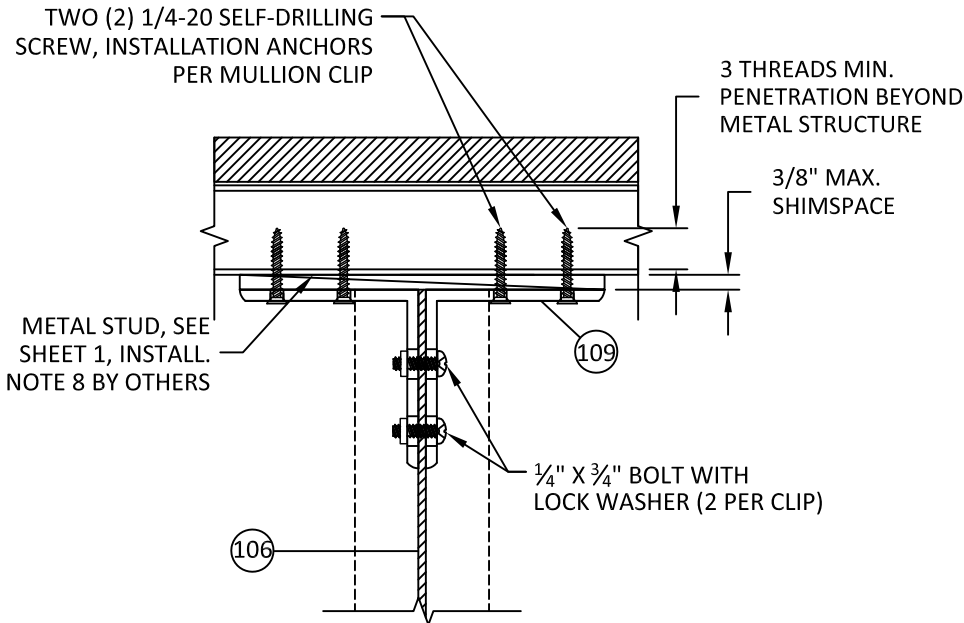


B
2 **HORIZONTAL SECTION**
STACK MULLION - TYP.
INSTALL TO WOOD/METAL FRAME

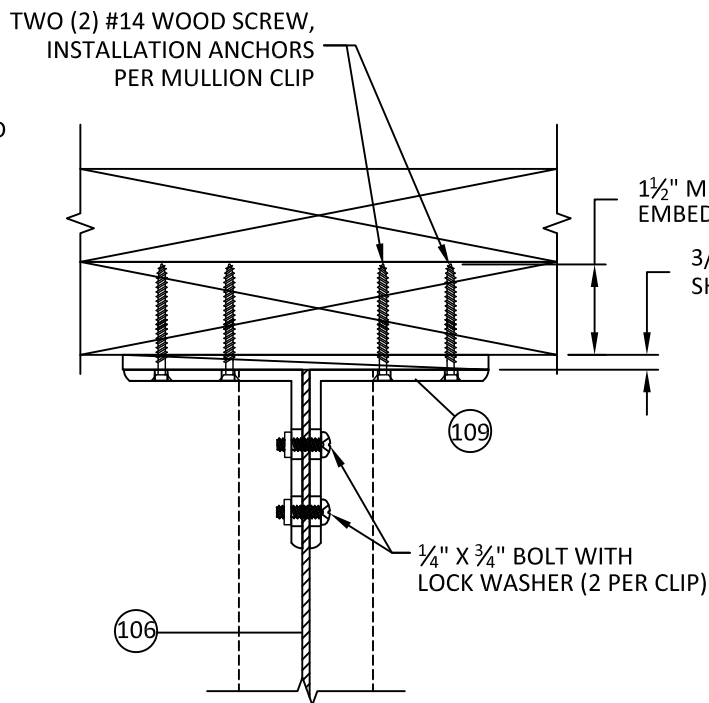


C
2 **HORIZONTAL SECTION**
STACK MULLION - TYP.
INSTALL TO CONCRETE/MASONRY

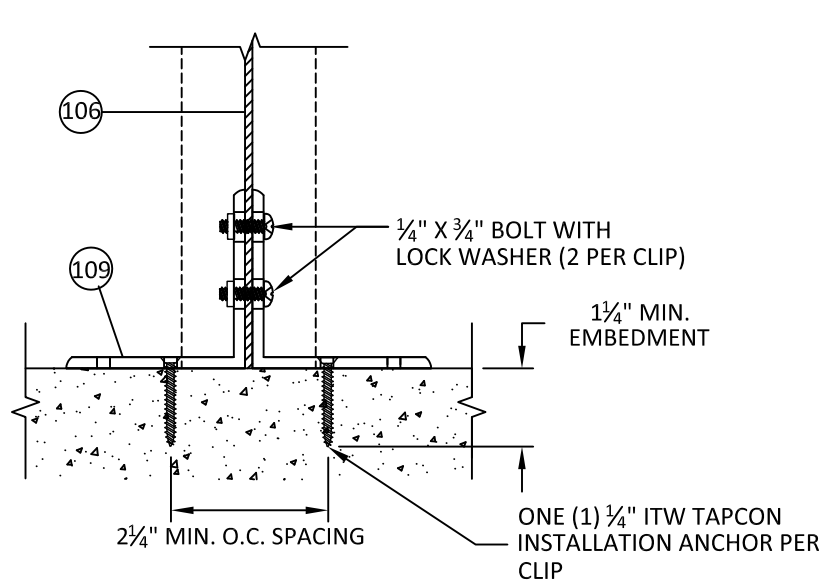
- NOTES:
- MULLIONS MAY BE INSTALLED SUCH THAT TUBE IS ORIENTED TO INTERIOR OR EXTERIOR.
 - MULLS TO BE USED WITH YKK WINDOW SYSTEMS WITH 3/2" DEPTH UNDER SEPARATE APPROVAL.
 - OUTSWING FRAME TYPE DETAILS SHOWN, MULLIONS MAY BE USED WITH INSWING FRAME TYPES WHERE IMPACT RESISTANCE IS NOT REQUIRED. SEE SEPARATE WINDOW APPROVALS FOR DETAILS.



D
2 **FRONT VIEW**
HEAD - METAL STUD
MULLION CLIP



E
2 **FRONT VIEW**
HEAD - 2X WOOD
MULLION CLIP



F
2 **FRONT VIEW**
SILL - CONCRETE/MASONRY
MULLION CLIP



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MULLION DETAILS

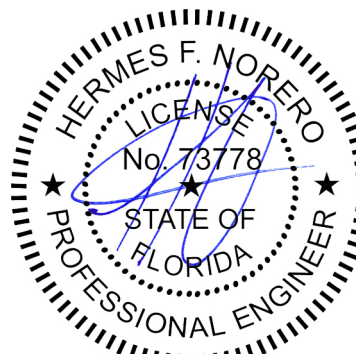
PREPARED BY:
BUILDING DROPS, INC.

398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



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HFN

SCALE: **NTS**

DWG. #: **YKK215**

SHEET:

2

OF 6

TITLE: YOW 350
THERMAL ALUMINUM MULLION

WINDOW DETAILS

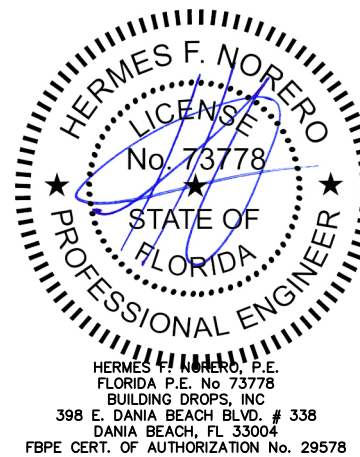
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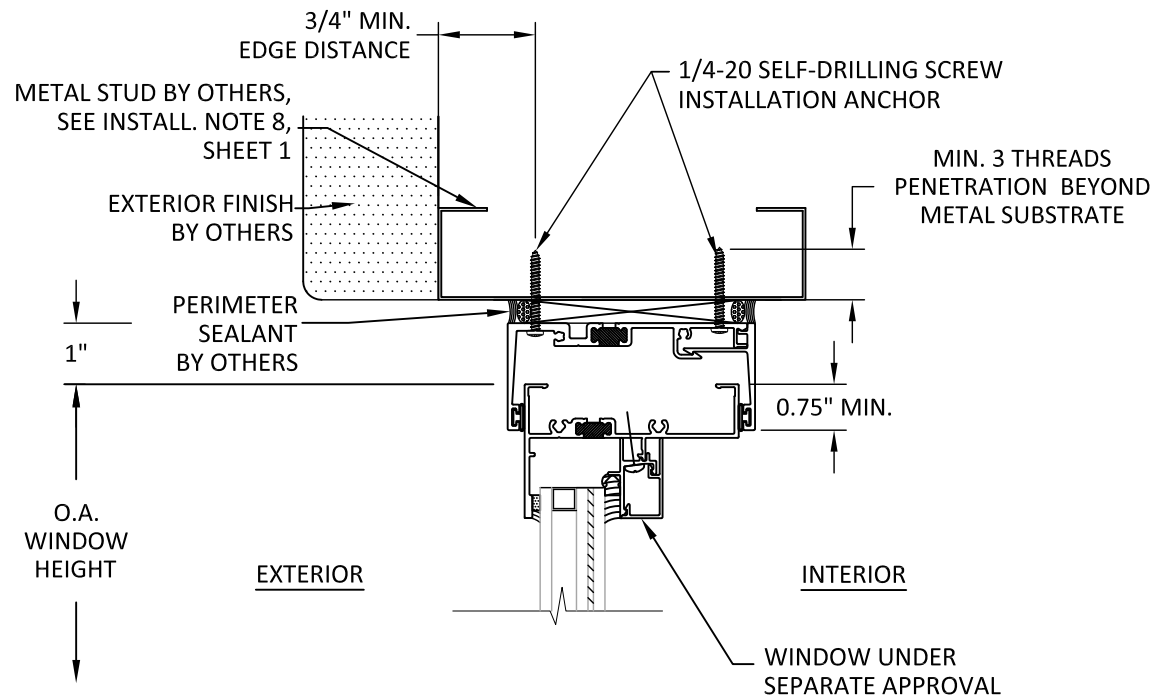
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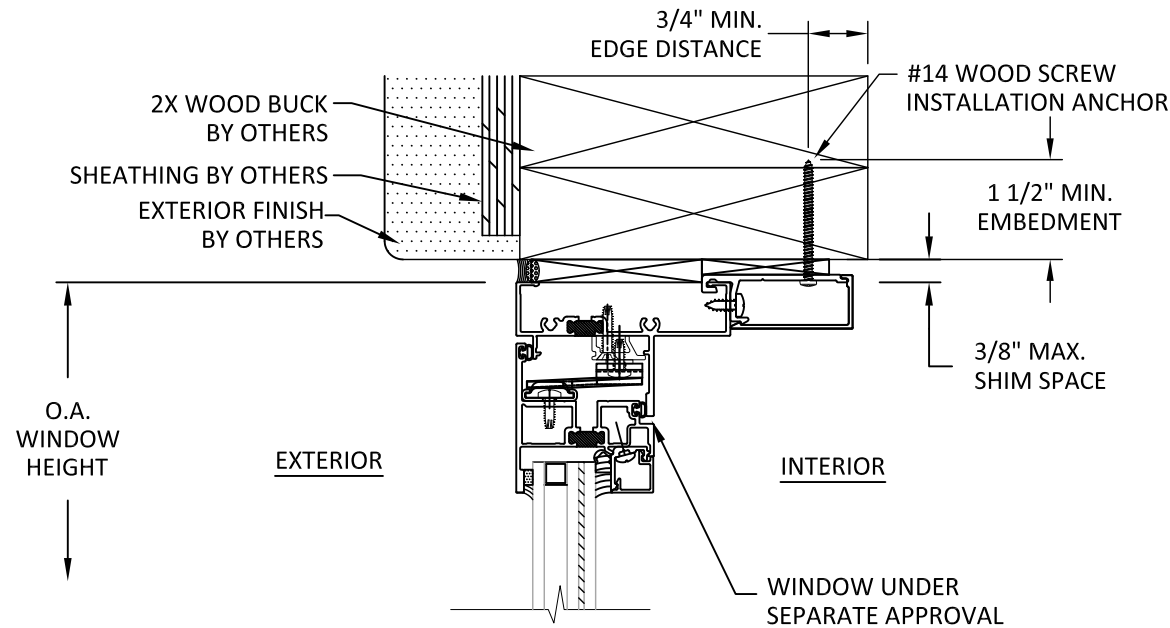
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OF 6

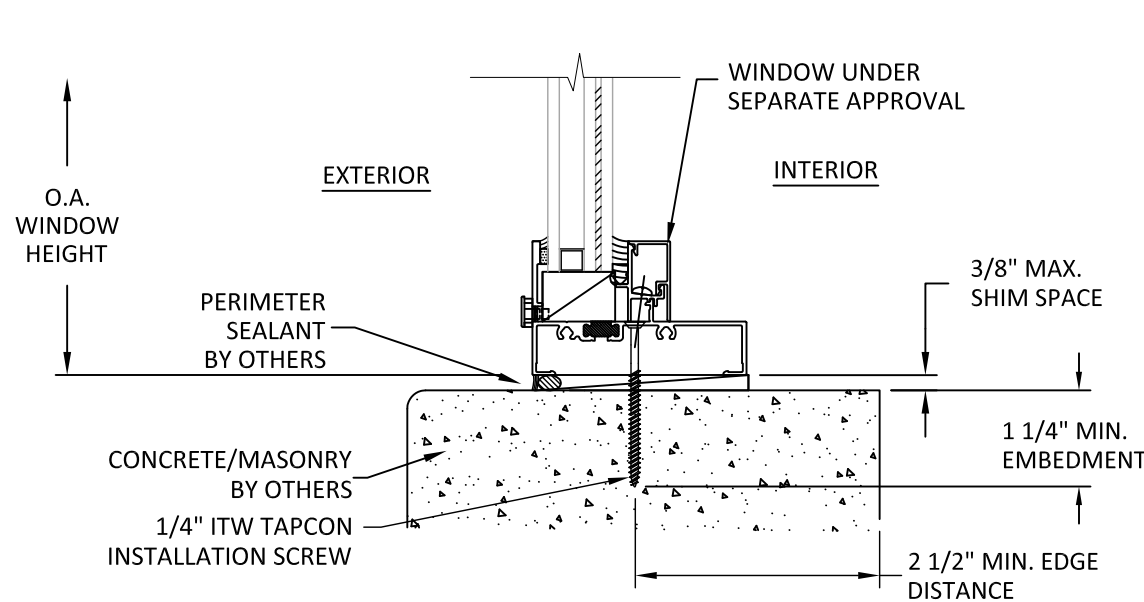


G
3 VERTICAL SECTION
FIXED HEAD - STEEL STUD
INT. SET RECEPTOR - TYP.

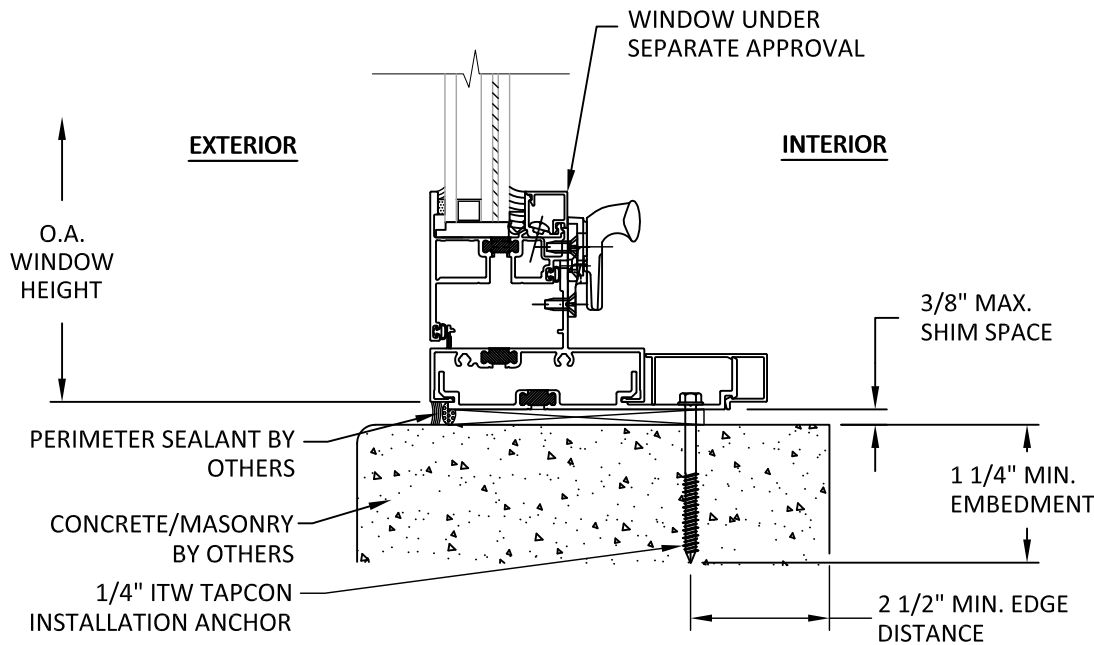
NOTE: SEE SEPARATE WINDOW
APPROVALS FOR FULL DETAILS OF
INSTALLATION REQUIREMENTS
AND OPTIONS.



H
3 VERTICAL SECTION
CASEMENT HEAD - 2X WOOD FRAME
CLIP ANCHOR - TYP.



I
3 VERTICAL SECTION
FIXED SILL - CONCRETE/MASONRY
THROUGH FRAME - TYP.



J
3 VERTICAL SECTION
PROJECT OUT SILL - CONCRETE/MASONRY
STRAP ANCHOR - TYP.

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DESIGN PRESSURE TABLE - ZERO MULLION

MULLION DESIGN LOAD CAPACITY - PSF				MULLION DESIGN LOAD CAPACITY - PSF			
NOMINAL DIMS.		DP		NOMINAL DIMS.		DP	
WIDTH (W)	FRAME HEIGHT	EXT. (+)	INT. (-)	WIDTH (W)	FRAME HEIGHT	EXT. (+)	INT. (-)
24	60	65.0	75.0	24	80.375	65.0	75.0
30		65.0	75.0	30		65.0	75.0
36		65.0	75.0	36		65.0	75.0
42		65.0	75.0	42		65.0	75.0
48		65.0	75.0	48		65.0	75.0
54		65.0	75.0	51		65.0	75.0
60		65.0	75.0	24	84	65.0	75.0
66		65.0	75.0	30		65.0	75.0
68		65.0	75.0	36		65.0	75.0
24	66	65.0	75.0	42		65.0	75.0
30		65.0	75.0	48		60.5	69.8
36		65.0	75.0	24	90	65.0	75.0
42		65.0	75.0	30		65.0	75.0
48		65.0	75.0	36		65.0	75.0
54		65.0	75.0	42		56.2	64.9
60		65.0	75.0	45		52.5	60.5
62		65.0	75.0	24	96	65.0	75.0
24	72	65.0	75.0	30		64.9	74.8
30		65.0	75.0	36		54.0	62.4
36		65.0	75.0	42		46.3	53.4
42		65.0	75.0	24	102	65.0	75.0
48		65.0	75.0	30		54.1	62.4
54		65.0	75.0	36		45.1	52.0
56		65.0	75.0	40		40.5	46.8
24	78	65.0	75.0	24	108	56.9	65.7
30		65.0	75.0	30		45.5	52.6
36		65.0	75.0	37		36.9	42.6
42		65.0	75.0	24	114	48.4	55.9
48		65.0	75.0	30		38.7	44.7
52		65.0	75.0	35		33.2	38.3
				24	120	41.5	47.9
				30		33.2	38.3
				34		29.3	33.8

NOTES:

- THE DESIGN PRESSURES IN THIS CHART ARE FOR THE MULLIONS LISTED ABOVE WHEN USED WITH THE APPLICABLE MULLION CLIPS (NOT REQUIRED FOR ZERO MULL). WINDOWS JOINED THROUGH USE OF THE MULLION DESCRIBED HEREIN ARE UNDER SEPARATE APPROVAL.
- DESIGN PRESSURES APPLY TO INSTALLATIONS IN WHICH STACK MULLIONS ARE CLIPPED AS SHOWN ON SHEET 2 AND ADJACENT WINDOWS ARE INSTALLED AS SHOWN IN TYPICAL INSTALLATION DETAILS ON SHEET 3 (SEE SHEET 1 FOR REQUIRED QUANTITIES). ZERO MULLION DOES NOT REQUIRE CLIPS, ADJACENT WINDOWS SHALL BE INSTALLED WITH ANCHOR CLUSTERS ON EACH SIDE OF MULLION AS SHOW IN ELEVATION, SHEET 1, AND IN TYPICAL INSTALLATION DETAILS ON SHEET 3.
- INSTALLATION ANCHORS THROUGH MULLION CLIPS (STACK MULL ONLY) AND THROUGH ADJACENT WINDOWS SHALL BE USED SIMULTANEOUSLY. SHOULD SEPARATE WINDOW APPROVAL REQUIRE MORE FASTENERS THAN SHOWN HEREIN AT EA. END OF MULL, SEPARATE WINDOW APPROVAL SHALL GOVERN QUANTITY.
- DESIGN PRESSURES HAVE BEEN DETERMINED IN ACCORDANCE WITH FBC SECTION 1709.8
- READ WINDOW WIDTH AND MULL SPAN IN INCHES. DESIGN PRESSURE VALUES ON THIS CHART ARE POSITIVE AND NEGATIVE POUNDS PER SQUARE FOOT (PSF).
- TRIBUTARY WIDTH IS DETERMINED BY THE FOLLOWING (REFER TO ELEVATION, SHEET 1):
6.1. $\text{TRIBUTARY WIDTH} = (A+B)/2$
- DESIGN PRESSURE VALUES APPLY TO MULLION WHERE TWO OR MORE WINDOWS ARE LISTED IN A SINGLE OPENING. LESSER DESIGN PRESSURE OF INDIVIDUAL WINDOW OR MULLION OF INSTALLATION SHALL GOVERN. ALL WINDOWS ADJACENT TO MULLIONS SHALL UTILIZE CONTINUOUS FRAMES.

DESIGN PRESSURE TABLE - STACK MULLION

MULLION DESIGN LOAD CAPACITY - PSF				MULLION DESIGN LOAD CAPACITY - PSF			
NOMINAL DIMS.		DP		NOMINAL DIMS.		DP	
WIDTH (W)	FRAME HEIGHT	EXT. (+)	INT. (-)	WIDTH (W)	FRAME HEIGHT	EXT. (+)	INT. (-)
60	66	75.0	75.0	42	93.125	75.0	75.0
66		75.0	75.0	44		75.0	75.0
72		75.0	75.0	48		75.0	75.0
78		75.0	75.0	54		73.2	73.2
48	72	75.0	75.0	60		65.9	65.9
54		75.0	75.0	62		63.7	63.7
60		75.0	75.0	42	96	75.0	75.0
66		75.0	75.0	48		75.0	75.0
72		75.0	75.0	54		68.9	68.9
78		75.0	75.0	60		62.0	62.0
42	76	75.0	75.0	61	99	61.0	61.0
48		75.0	75.0	40		75.0	75.0
54		75.0	75.0	42		75.0	75.0
60		75.0	75.0	48		72.8	72.8
66		75.0	75.0	54	102	64.7	64.7
72		75.0	75.0	60		58.3	58.3
78		75.0	75.0	36		75.0	75.0
42	80.375	75.0	75.0	42		75.0	75.0
48		75.0	75.0	48	108	68.6	68.6
54		75.0	75.0	54		61.0	61.0
60		75.0	75.0	58		56.8	56.8
66		75.0	75.0	36	114	75.0	75.0
72		73.7	73.7	42		72.2	72.2
78		68.0	68.0	48		61.9	61.9
44	84	75.0	75.0	54		54.4	54.4
48		75.0	75.0	55	120	53.4	53.4
54		75.0	75.0	30		75.0	75.0
60		75.0	75.0	36		72.2	72.2
66		73.6	73.6	42		61.9	61.9
70		69.4	69.4	48		54.2	54.2
42	90	75.0	75.0	52	120	50.0	50.0
44		75.0	75.0	30		74.3	74.3
48		75.0	75.0	36		61.9	61.9
54		75.0	75.0	42		53.1	53.1
60		70.5	70.5	48		46.4	46.4
66		64.1	64.1	49.5		45.0	45.0



YKK AP AMERICA

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DUBLIN, GEORGIA 31021
PH: (478)277-1955 FAX: (678)838-6001

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THERMAL ALUMINUM MULLION

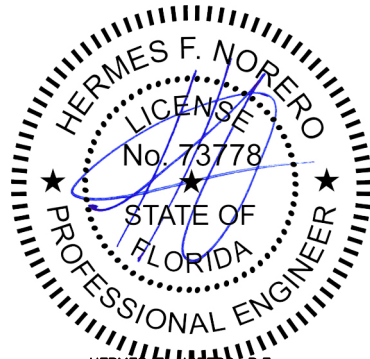
DESIGN PRESSURE TABLES

PREPARED BY:
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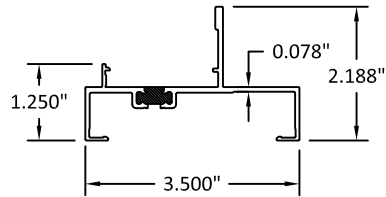
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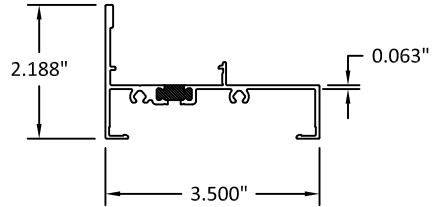
SHEET:
4

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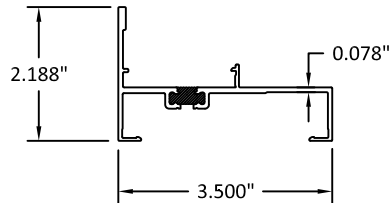
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6063-T5



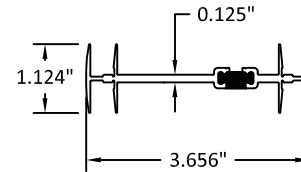
11 INSWING HEAD/SILL FRAME
6063-T5



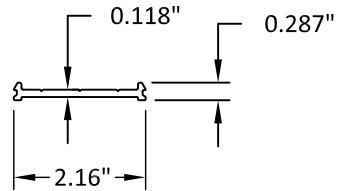
12 INSWING JAMB FRAME
6063-T5



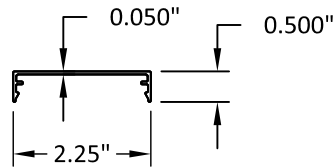
13 ZERO MULLION
6063-T5



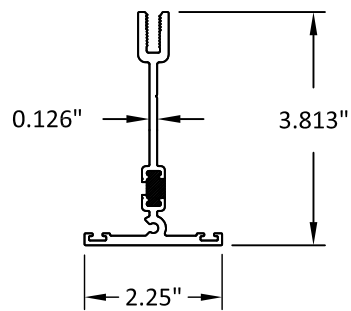
103 PRESSURE PLATE
6063-T5



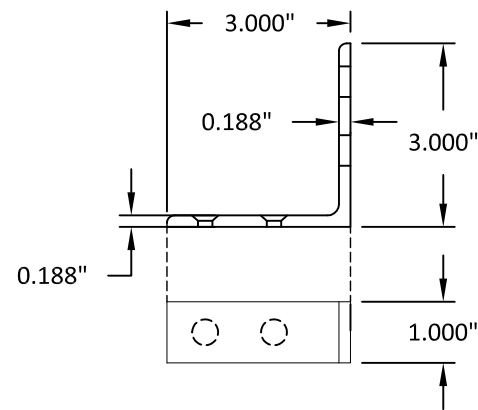
105 SNAP COVER
6063-T5



106 STACK MULLION
6063-T5



109 MULL CLIP
6063-T5



YKK AP AMERICA

1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021
PH: (478)277-1955 FAX: (678)838-6001

TITLE: YOW 350
THERMAL ALUMINUM MULLION

COMPONENTS

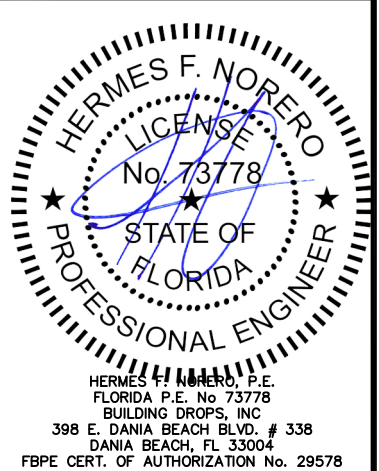
PREPARED BY: BUILDING DROPS, INC.

1229 HWY 441 BYPASS
DUBLIN, GEORGIA 31021
PH: (478)277-1955 FAX: (678)838-6001



REMARKS	BY	DATE

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FL #:	FL19017
DATE:	08.10.17
DWG. BY:	RV
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK215
SHEET:	5

YOW350TU - BILL OF MATERIAL				
ITEM #	PART#	DESCRIPTION	MATERIAL	MANUFACTURER
1	BE9-4510	MULLION	6063-T5	YKK AP
2	BE9-4512	MULLION	6063-T5	YKK AP
3	BE9-4534	OUT SWING VENT	6063-T5	YKK AP
4	BE9-4535	IN SWING VENT	6063-T5	YKK AP
5	BE9-4560	VENT/FIX MULLION	6063-T5	YKK AP
6	BE9-4561	VENT/VENT MULLION	6063-T5	YKK AP
7	BE9-4581	3 1/2" RECEPTOR	6063-T5	YKK AP
8	BE9-4927	SILL FLASHING	6063-T5	YKK AP
9	BE9-5201	OUT SWING HORIZONTAL FRAME	6063-T5	YKK AP
10	BE9-5202	OUT SWING JAMB	6063-T5	YKK AP
11	BE9-5203	IN SWING HORIZONTAL FRAME	6063-T5	YKK AP
12	BE9-5204	IN SWING JAMB	6063-T5	YKK AP
13	BE9-5220	ZERO MULION	6063-T5	YKK AP
14	E9-4031	TRIM CLIP	6063-T5	YKK AP
14A	E9-4031	TRIM CLIP COVER	6063-T5	YKK AP
15	E9-4506	GLASS STOP - WEDGE GASKET	6063-T5	YKK AP
16	E9-4507	GLASS STOP - WEDGE GASKET	6063-T5	YKK AP
17	E9-4508	GLASS STOP - WEDGE GASKET	6063-T5	YKK AP
18	E9-4513	FRAME ATTACHMENT	6063-T5	YKK AP
19	E9-4578	RECEPTOR COVER	6063-T5	YKK AP
20	E9-4593	BASE	6063-T5	YKK AP
21	E9-5218	GLASS STOP - PRESET GASKET	6063-T5	YKK AP
22	E9-5219	GLASS STOP WITH PULL - PRESET GASKET	6063-T5	YKK AP
23				
24A	4K-14207	4 BAR HINGE - 12" - (CASEMENT & PROJECT OUT)	STAINLESS STEEL	YKK AP
24B	4K-14208	4 BAR HINGE - 16" - (CASEMENT)	STAINLESS STEEL	YKK AP
24C	5K-15284	4 BAR HINGE - 16" - (PROJECT OUT)	STAINLESS STEEL	YKK AP
25	E1-1503	CAM HANDLE (L) - INSWING	WHITE BRONZE	BRONZECRAFT OR EQUAL
26	E1-1504	CAM HANDLE(R)- INSWING	WHITE BRONZE	BRONZECRAFT OR EQUAL
27	E1-1505	MPL LOCK HANDLE	WHITE BRONZE	BRONZECRAFT OR EQUAL
28	E1-1519	KEEPER - OUTSWING	WHITE BRONZE	BRONZECRAFT OR EQUAL
29	E1-1541	CAM HANDLE (R)-OUTSWING	WHITE BRONZE	BRONZECRAFT OR EQUAL
30	E1-1542	CAM HANDLE (L)-OUTSWING	WHITE BRONZE	BRONZECRAFT OR EQUAL
31	E1-1707	KEEPER - INSWING	WHITE BRONZE	BRONZECRAFT OR EQUAL
32	E1-1713	GUIDE ROLLER BASE	6063-T5	YKK AP
33	E1-1714	BUTT HINGE	6063-T5	YKK AP
34	E1-1715	BUTT HINGE	6063-T5	YKK AP
35	E1-1721	ARM BASE	6063-T5	YKK AP
36	E1-1723	BUTT HINGE ANGLE	6063-T5	YKK AP
37	E1-1780	4 BAR HINGE BASE	6063-T5	YKK AP
38	E1-1781	4 BAR HINGE BASE	6063-T5	YKK AP
39	E1-1786	CORNER BLOCK	6063-T5	YKK AP
40	E1-1787	CORNER BLOCK	6063-T5	YKK AP
41	E1-1799	STRAP ANCHOR	6063-T5	YKK AP
41A	E1-1799	STRAP ANCHOR COVER	6063-T5	YKK AP
42	E1-1839	4 BAR HINGE BASE(R)	6063-T5	YKK AP
43	E1-1840	4 BAR HINGE BASE(L)	6063-T5	YKK AP
44	E1-1922	ANCHOR CLIP	6063-T5	YKK AP
44A	E1-1922	ANCHOR CLIP COVER	6063-T5	YKK AP
45	E1-1952	KEEPER	CAST ALUMINUM	AMC/CALDWELL OR EQUAL
46	E1-1954-XXXX	LOCK BAR (BASE)	STAINLESS/ALUMINUM	AMC/CALDWELL OR EQUAL
47	E1-1955-XXXX	LOCK BAR (EXT.)	STAINLESS/ALUMINUM	AMC/CALDWELL OR EQUAL
48	E1-1957	4 BAR HINGE - 12" - (CASEMENT OUT EGRESS)	STAINLESS STEEL	AMC/CALDWELL OR EQUAL
49	E1-1959	SNUBBER BASE	6063-T5	YKK AP

NOTE: COMPONENTS & PART NUMBERS LISTED IN B.O.M. AND SHOWN ON SHEET 6 ARE USED THROUGHOUT YKK YOW350TU & YOW350TUH WINDOW SERIES OF FIXED, CASEMENT, AND PROJECT OUT/IN PRODUCTS, NOT ALL COMPONENTS LISTED ARE UTILIZED BY MULLION ASSEMBLIES APPROVED HEREIN.

YOW350TU - BILL OF MATERIAL				
ITEM #	PART#	DESCRIPTION	MATERIAL	MANUFACTURER
50	E1-1971	TWIST ANCHOR - 3 1/2" FRAMING	GALVINIZED STEEL	WILD BORE FABRICATORS OR EQUAL
51	E1-1976	FRICTION ADJUSTER	STAINLESS STEEL	TRUTH HARDWARE OR EQUAL
52	K-10639	GUIDE ROLLER	STAINLESS/NYLON	YKK AP
53				
54				
55	E2-0050	PRESET GASKET	EPDM	TREMCO OR EQUAL
56	E2-0051	AT GASKET	EPDM	TREMCO OR EQUAL
57	E2-0133PC	SIDE BLOCK x 4" LONG	EPDM PC	TREMCO OR EQUAL
58	E2-0619	GASKET - FOR INSWING CAM HANDLE	NEOPRENE	BRONZECRAFT OR EQUAL
59	E2-0625	AT GASKET	TPE	TREMCO OR EQUAL
60	E2-0626PC	SETTING BLOCK x 4" LONG	EPDM PC	TREMCO OR EQUAL
61	E2-0646PC	SETTING BLOCK x 4" LONG	EPDM PC	TREMCO OR EQUAL
62	E2-0647PC	SETTING BLOCK x 4" LONG	EPDM	TREMCO OR EQUAL
63	E2-0651PC	SETTING BLOCK x 4" LONG	EPDM PC	TREMCO OR EQUAL
64	E2-0670	BACKER TAPE	POLYURETHANE FOAM	TREMCO OR EQUAL
65	E2-0672	WEDGE GASKET	EPDM	TREMCO OR EQUAL
66	E2-0682	GASKET - FOR MPL HANDLE	BUTYL RUBBER	BRONZECRAFT OR EQUAL
67	E2-0359	SPACER	EPDM	TREMCO OR EQUAL
68				
69				
70	E3-1103	SNUBBER	NYLON 6	INTERNATIONAL PRODUCTS OR EQUAL
71	E3-1132	WEEP HOLE COVER	NYLON	INTERNATIONAL PRODUCTS OR EQUAL
72				
73	FA1014-SS	#10 X7/8" SMS T/A	300 STAINLESS STEEL	FOR LOCK BAR - EXT. BAR & LOCK BAR BASE
74	FF0808-SS	#8-32 x 1/2" T/F	300 STAINLESS STEEL	FOR SNUBBER - FRAME
75	FF0816-SS	#8-32 x 1" T/F	300 STAINLESS STEEL	FOR SNUBBER / SNUBBER CHAIR - VENT
76	FF1008-SS	#10-24 x 1/2" T/F	300 STAINLESS STEEL	FOR CAM HANDLE & KEEPER
77	FF1012-SS	#10-24 x 3/4" T/F	300 STAINLESS STEEL	FOR 4 BAR HINGE (BASE) & GUIDE ROLLER BASE
78	FF1016-SS	#10-24 x 1" T/F	300 STAINLESS STEEL	FOR ARM BASE
79	FM1006-SS	#10-24 x 3/8" T/F	300 STAINLESS STEEL	FOR MPL LOCK HANDLE
80	FS1010-SS	#10-24 x 5/8" (TEK)	300 STAINLESS STEEL	FOR KEEPER LOCK DOWN
81	PC0808-SS	#8 x 1/2" SMS T/AB	300 STAINLESS STEEL	FOR GUIDE ROLLER
82	PC1008-SS	#10 x 1/2" SMS T/AB	300 STAINLESS STEEL	FOR ANCHORING TRIM CLIP E94031
83	PC1016-SS	#10 x 1" SMS T/AB	300 STAINLESS STEEL	FOR FRAME ASSEMBLY
84	PC1020-SS	#10 x 1 1/4" SMS T/AB	300 STAINLESS STEEL	FOR FRAME TO MULLION ASSEMBLY
85	PC1040-SS	#10X 2 1/2" SMS T/AB	300 STAINLESS STEEL	RECEPTOR ANCHOR
86	PF1006-SS	#10-24 x 3/8" T/F	300 STAINLESS STEEL	FOR 4 BAR HINGE (FRAME) & FRICTION ADJUSTER
87	PF1008-SS	#10-24 x 1/2" T/F	300 STAINLESS STEEL	FOR BUTT HINGE (VENT) & FOR LIMIT STOP
88	PM1007-SS	#10-24 x 7/16" MS	300 STAINLESS STEEL	FOR BUTT HINGE (FRAME & VENT)
89	UF0810-SS	#8-32 x 5/8" UNDERCUT T/F	300 STAINLESS STEEL	FOR RAIL CHANNEL
90	UF1006-SS	#10-24 x 3/8" UNDERCUT T/F	300 STAINLESS STEEL	FOR 4 BAR HINGE (VENT)
91	WN1001-SS	#10 x 1/16" FLAT WASHER	300 STAINLESS STEEL	FOR KEEPER (INSWING)
92		1/4" X 2 3/4" HXHD TAPCON	COATED CARBON STEEL	FRAME ANCHOR
93				
94				
95	TREMSIL 600	SILICONE		TREMCO OR EQUAL
96	BE9-4509	MULLION	6063-T5	YKK
103	AS-4428	PRESSURE PLATE	6063-T5	YKK
104	HM-2516-W3-SS	1/4" - 20 X 1" HWHMS	300 STAINLESS STEEL	FOR PRESSURE PLATE
105	E9-5111	SNAP COVER	6063-T5	YKK
106	BE9-4925	STACK MULLION	6063-T5	YKK
107	E1-1536	END CAP	6063-T5	YKK
108	PC-1208-SS	#12 X 1/2" PH SMS SS AB	300 STAINLESS STEEL	FOR MULL CLIP
109	E1-1537	MULL CLIP	6063-T5	YKK



YKK AP AMERICA

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TITLE: YOW 350
THERMAL ALUMINUM MULLION

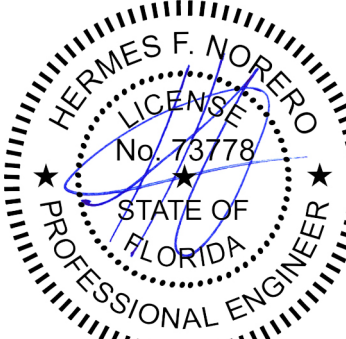
B.O.M.

BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



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HERMES F. NORERO, P.E.
FLORIDA P.E. No 73778
BUILDING DROPS, INC
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL19017

DATE: 08.10.17

DWG. BY:
RV

CHK. BY:
HFN

SCALE: NTS

DWG. #: YKK215

SHEET:

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