

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 3/8 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- FOR INSTALLATION INTO WOOD FRAMING USE #14 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
- FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE 1/4 INCH DIAMETER ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
- FOR INSTALLATION THROUGH METAL FRAME USE 1/4 INCH DIAMETER SELF-TAPPING SCREW OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND METAL FRAME SUBSTRATE.
- FOR INSTALLATION THROUGH ALUMINUM MULLION USE 1/4 INCH DIAMETER SELF-TAPPING SCREW OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND ALUMINUM FRAME SUBSTRATE.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
- 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.
 - MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER) WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.
 - STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM 18 GA. WALL THICKNESS.
 - ALUMINUM - MINIMUM 1/16 INCH THICK 6063-T5 ALUMINUM.

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 6TH EDITION (2017) FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING AND METAL STUD FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 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.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- DOOR FRAME MATERIAL: ALUMINUM 6063-T5
- ALL STRUCTURAL MATERIALS & DISSIMILIAR METALS SHALL BE PROTECTED, TREATED, PAINTED, COATED, AND/OR ISOLATED AS REQUIRED IN THE APPLICABLE SECTIONS OF THE CURRENT FLORIDA BUILDING CODE AND REFERENCED DESIGN SPECIFICATIONS.
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300-04 GLASS CHARTS. SEE SHEET 13 & 14 FOR GLAZING DETAILS.
- DOOR CONFIGURATIONS MAY UTILIZE BUTT HINGES AS DESCRIBED HEREIN OR CONTINUOUS HINGES INTERCHANGEABLY.
- ALLOWABLE CONFIGURATIONS: X (SINGLE DOOR) OR XX (DOUBLE DOOR) WITH OR WITHOUT TRANSOMS.

YKK AP AMERICA INC.

SERIES 35H ALUMINUM OUTSWING ENTRANCE DOOR (IMPACT)

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DESIGN PRESSURE TABLE			
GLAZING TYPES	MAX. D.L.O. SIZE	MAX. DP	IMPACT RATING
A, B, C	38.75" X 82.75"	+90/-90 PSF	LMI & SMI
A1, B1, C1	38.75" X 82.75"	+70/-90 PSF	LMI & SMI
D, E	32.81" X 82.75"	+60/-60 PSF	LMI & SMI
D1, E1	32.81" X 82.75"	+50/-50 PSF	LMI & SMI
F, G, H	38.75" X 82.75"	+90/-90 PSF	SMI
F1, G1	38.75" X 82.75"	+70/-90 PSF	SMI
C, C1	32.44" X 100.81"	+90/-90 PSF	LMI & SMI

- NOTE:**
- LMI - LARGE MISSILE IMPACT RATED
 - SMI - SMALL MISSILE IMPACT RATED
 - SEE SHEETS 12 & 13 FOR GLAZING DETAILS
 - SEE SHEETS 2-4 FOR LIMITATIONS ON DESIGN PRESSURE BASED ON SIZE AND LOCKING HARDWARE



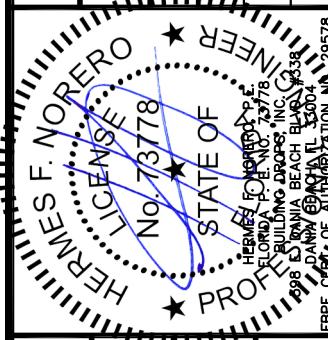
YKK AP AMERICA INC.
332 FIRETOWER ROAD
DUBLIN, GEORGIA 31021
PH: (478) 277-2549 FX: (678) 838-6001

TITLE: SERIES 35H ALUMINUM OUTSWING ENTRANCE DOOR
INSTALLATION & GENERAL NOTES

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004

PH: (954) 399-8478 FX: (954) 744-4738

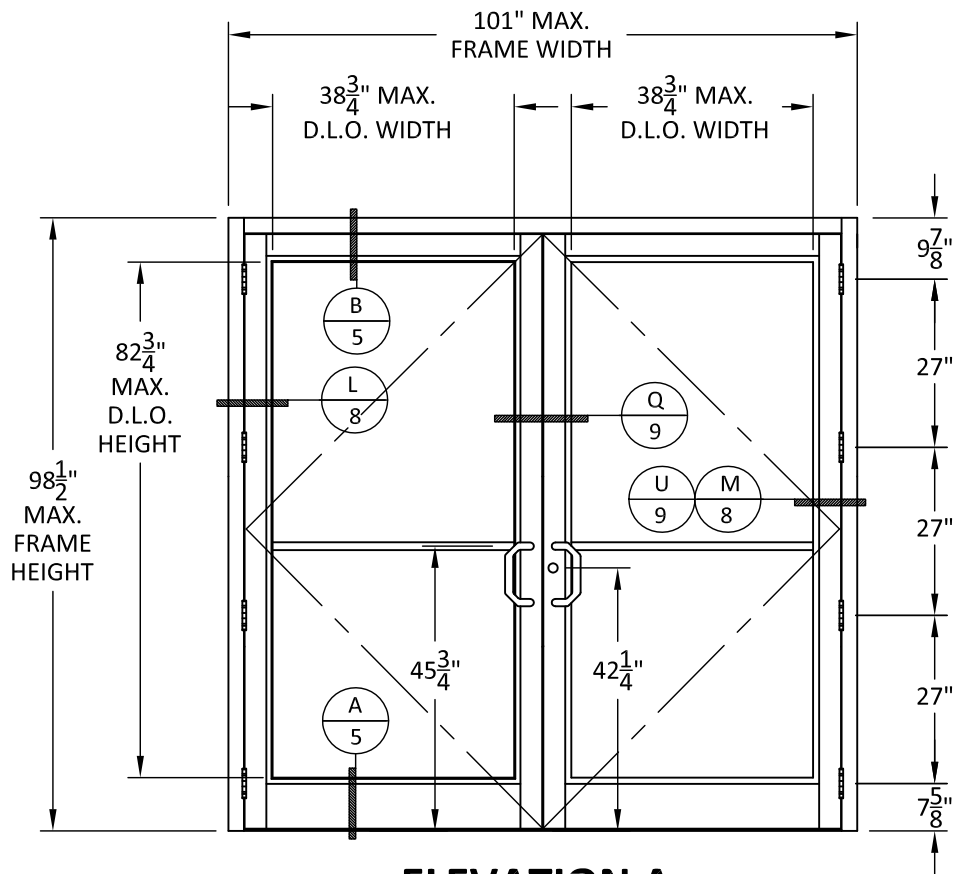
REVISIONS	DESCRIPTION	BY	DATE
A	KR9954 KEYPED MULLION ADDED	TM	11.7.13
B	CURTAINWALL SUBFRAME ADD.	TM	2.24.14
C	5TH EDITION (2014) FBC UPDATE	MS	04.11.15
D	89"X116 1/2" ADDED, 6TH ED. CODE CHANGE	LA	05.02.17



DATE: 02.01.13
DWN BY: MTJ
CHK BY: HFN
SCALE: NTS

DWG #: **YKK020**

SHEET: **1 OF 18**



ELEVATION A
STANDARD 5-POINT LOCK

ELEVATION A	
QUALIFIED LOCKING HARDWARE	DESIGN PRESSURE
ADAMS RITE MS 1850 WITH MS 4015 AND MS 4016 TOP AND BOTTOM BOLTS	+/- 90 PSF
ADAMS RITE MS 1880	
ADAMS RITE MS 1850 WITH MS 4015 AND MS 4016 TOP AND BOTTOM BOLTS	+70/-90 PSF
ADAMS RITE MS 2180	

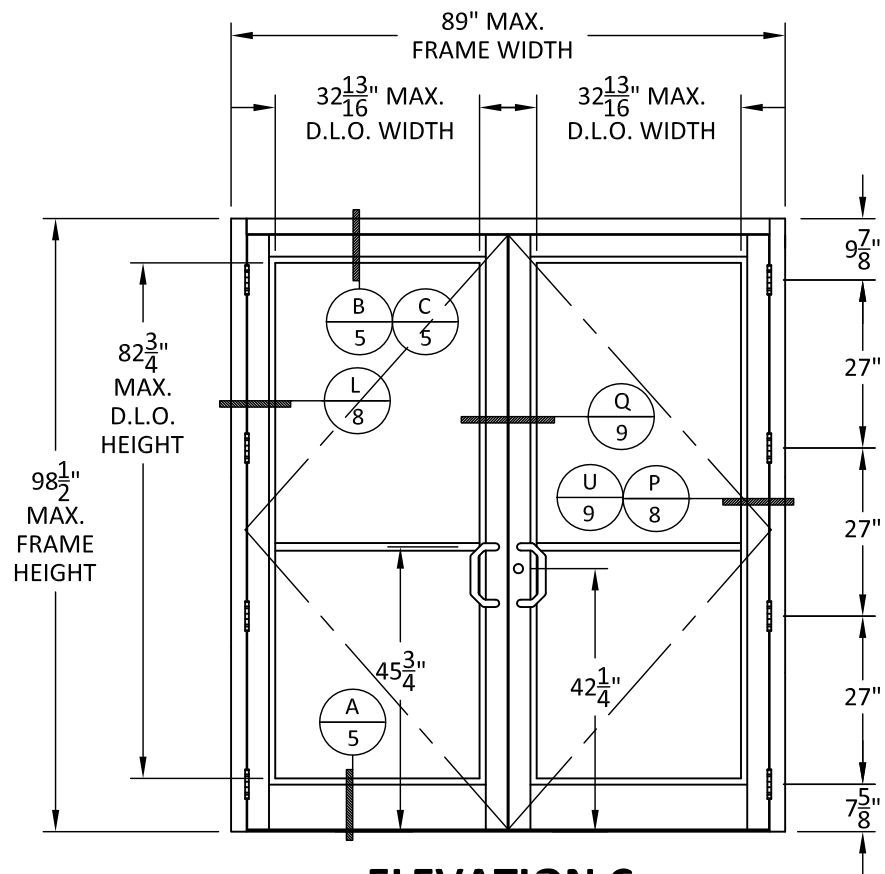
ELEVATION B	
QUALIFIED LOCKING HARDWARE	DESIGN PRESSURE
SARGENT 8500 RIM PANIC WITH REMOVABLE MULLION	+/- 60 PSF
VON DUPRIN 98/99 SERIES RIM PANIC WITH REMOVABLE MULLION	+50/-50 PSF
VON DUPRIN 33A/35A SERIES RIM PANIC WITH REMOVABLE MULLION	
SARGENT 8500 RIM PANIC WITH REMOVABLE MULLION	+/- 60 PSF
CORBIN RUSSWIN ED4200 RIM EXIT DEVICE WITH REMOVABLE MULLION	
YALE 7250M EXIT DEVICE WITH REMOVABLE MULLION	

NOTE: RIM PANIC EXIT DEVICES WITH REMOVABLE MULLION ARE NOT FOR USE WITH AIR/WATER RATER THRESHOLD.

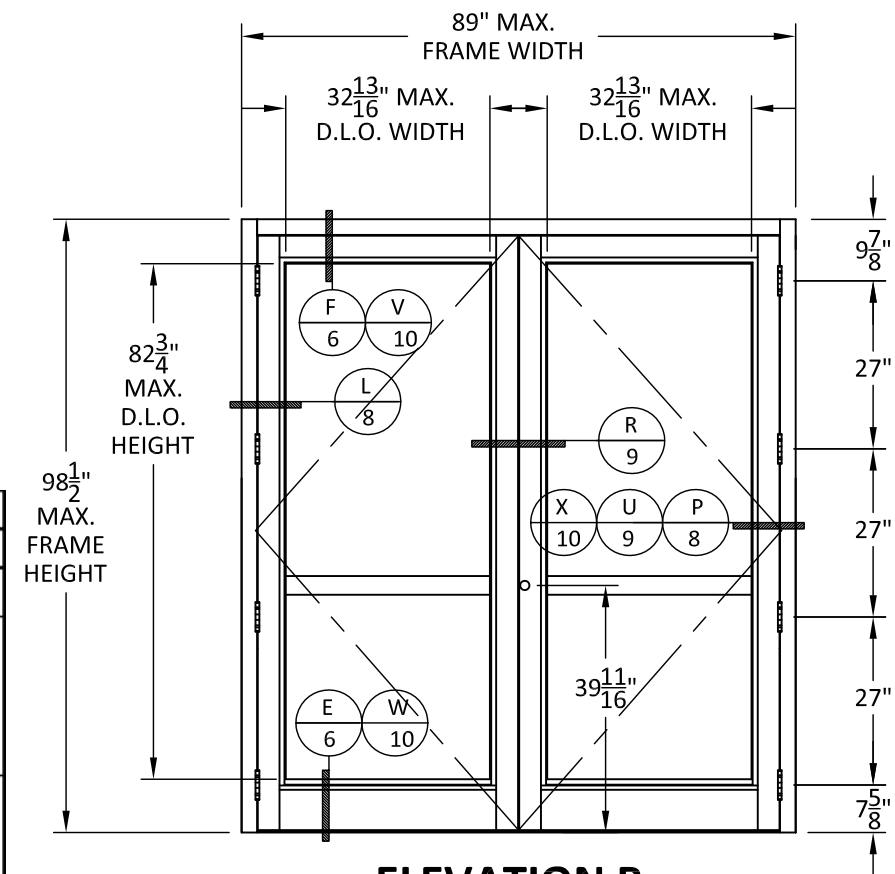
- NOTES:
- 1) WHEN AIR/WATER THRESHOLD IS UTILIZED, MAX. DOOR FRAME HEIGHT MAY INCREASE TO 99-7/8". SEE DETAIL D, PAGE 5 AND DETAIL K, PAGE 7.
 - 2) SINGLE AND DOUBLE DOORS ARE QUALIFIED SUCH THAT SINGLE DOOR UTILIZES HARDWARE FROM ACTIVE DOOR PANEL.
 - 3) ADDITIONAL QUALIFIED PANEL CONFIGURATIONS CAN BE FOUND ON PAGE 4.
 - 4) SEE SHEET 7 DESIGN PRESSURE LIMITATIONS BASED ON WATER INFILTRATION REQUIREMENTS.

ELEVATION C	
QUALIFIED LOCKING HARDWARE	DESIGN PRESSURE
SINGLE POINT MS 1850 ON ACTIVE WITH FLUSHBOLTS INACTIVE	+/- 50 PSF

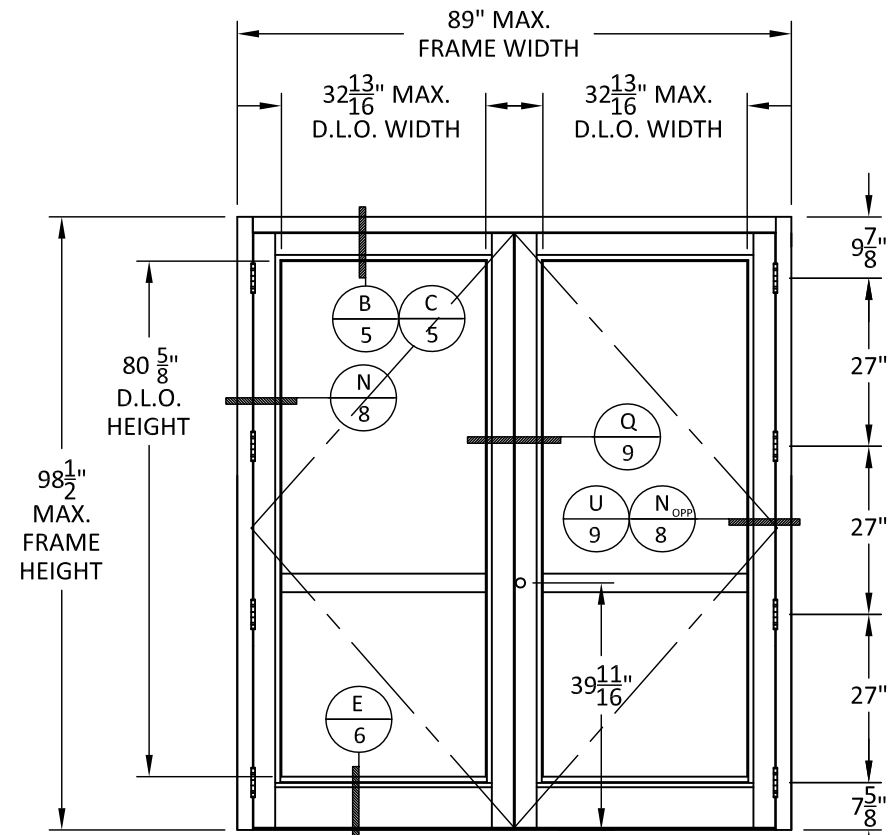
ELEVATION D	
QUALIFIED LOCKING HARDWARE	DESIGN PRESSURE
FALCON DOR-O-MATIC 1490	+/- 60 PSF
VON DUPRIN 9947F CVR EXIT DEVICE W/ 3/16" SHIM BETWEEN DOOR & DEVICE	+/- 50 PSF



ELEVATION C
SINGLE POINT WITH FLUSHBOLTS



ELEVATION B
RIM PANIC WITH
REMOVABLE MULLION



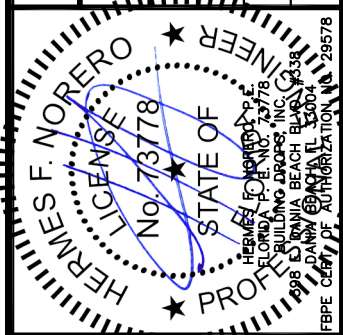
ELEVATION D
CONCEALED VERTICAL ROD



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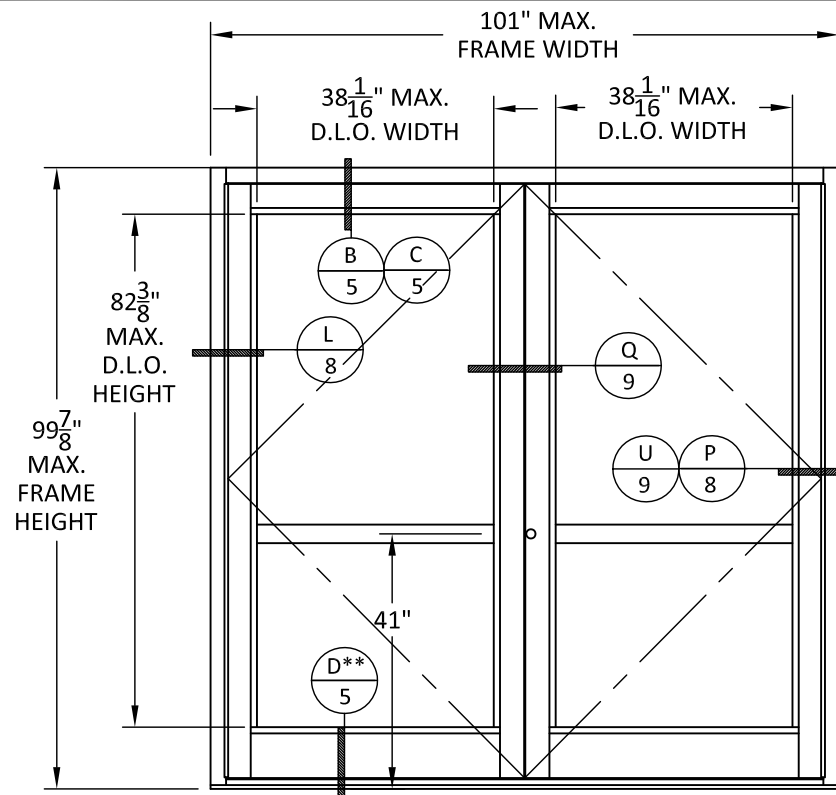
TITLE: SERIES 35H ALUMINUM
OUTSWING ENTRANCE DOOR
ELEVATIONS 1
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

REVISIONS	DESCRIPTION	NO.	BY	DATE
			TM	11.7.13
	KR9954 KEYPED MULLION ADDED	A	TM	2.24.14
	CURTAINWALL SUBFRAME ADD.	B	TM	

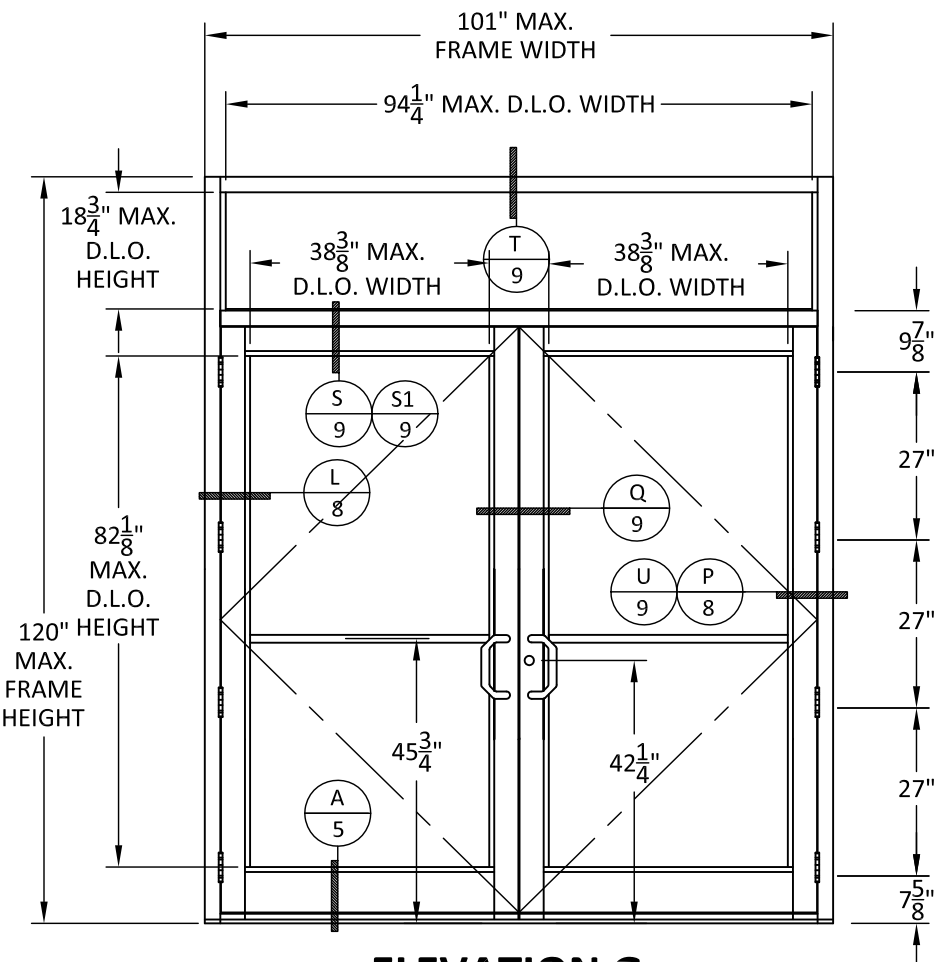


DATE: 02.01.13
DWN BY: MTJ
CHK BY: HFN
SCALE: NTS

DWG #: **YKK020**
SHEET: **2 OF 18**



ELEVATION E
CVR EXIT DEVICE



ELEVATION G
DOUBLE DOOR WITH TRANSOM

ELEVATION E	
QUALIFIED LOCKING HARDWARE	DESIGN PRESSURE
SARGENT 8400 CVR EXIT DEVICE	+/- 90 PSF
FIRST CHOICE 3690 CVR EXIT DEVICE	
DOR-O-MATIC 1490 CVR EXIT DEVICE	
DOR-O-MATIC 1690 CVR EXIT DEVICE	+70/- 90 PSF

ELEVATION F	
QUALIFIED LOCKING HARDWARE	DESIGN PRESSURE
DOR-O-MATIC 2390 MID-PANEL EXIT DEVICE	+70/- 90 PSF

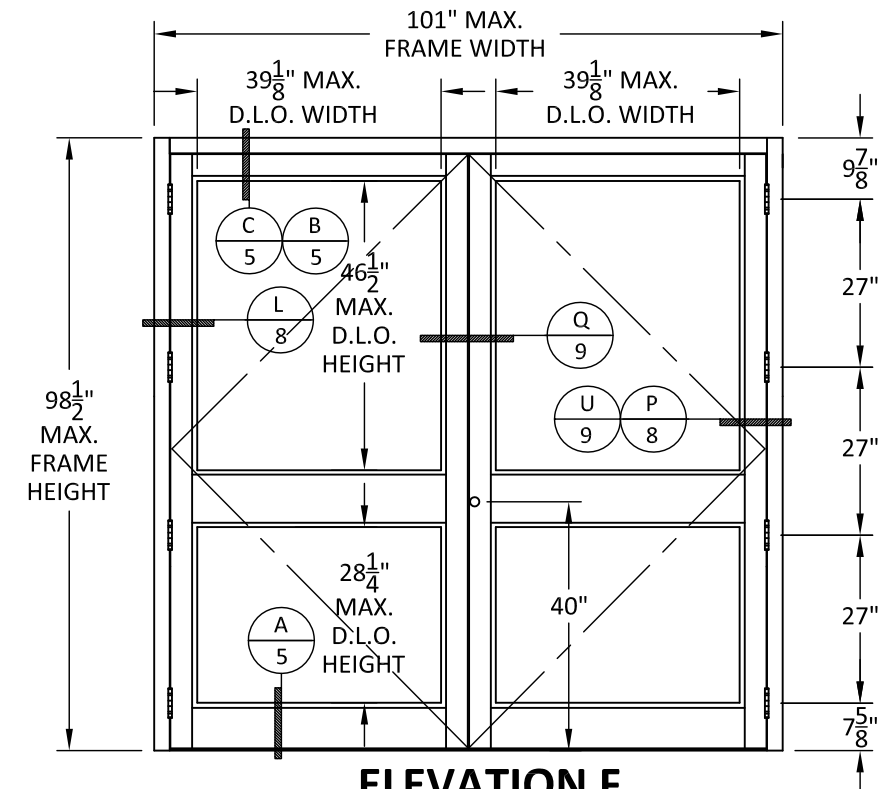
NOTES:
 1) WHEN AIR/WATER THRESHOLD IS UTILIZED, MAX. DOOR FRAME HEIGHT MAY INCREASE TO 99-7/8". SEE DETAIL D, PAGE 5 AND DETAIL K, PAGE 7.
 2) SINGLE AND DOUBLE DOORS ARE QUALIFIED SUCH THAT SINGLE DOOR UTILIZES HARDWARE FROM ACTIVE DOOR PANEL.
 3) ADDITIONAL QUALIFIED PANEL CONFIGURATIONS CAN BE FOUND ON PAGE 4.
 4) SEE SHEET 7 DESIGN PRESSURE LIMITATIONS BASED ON WATER INFILTRATION REQUIREMENTS.

**NOTE: AIR TIGHT THRESHOLD (ITEM #13) MAY BE USED IN LIEU OF AIR/WATER THRESHOLD WHEN UTILIZED WITH CONCEALED VERTICAL ROD DEVICES

ELEVATION G	
QUALIFIED LOCKING HARDWARE	DESIGN PRESSURE
SEE ELEVATIONS A-F & I FOR ALLOWABLE LOCKING HARDWARE SYSTEMS.	*NOT TO EXCEED +70/-90 PSF

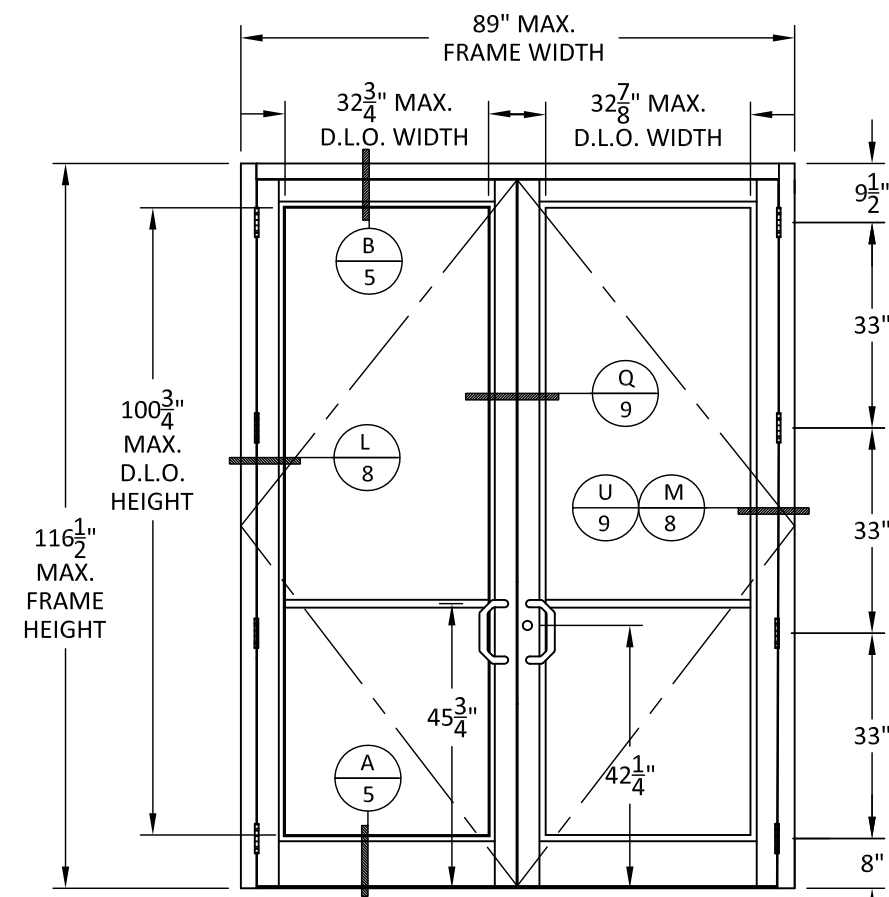
- *ELEVATION G NOTES:
- FOR TRANSOM MULLION DETAIL S/9.
 - MAX. DESIGN PRESSURE NOT TO EXCEED +70/-65 PSF WHEN MONO-LAMI GLAZINGS ARE UTILIZED (MULL ITEM# 51).
 - DESIGN PRESSURE NOT TO EXCEED +70/-70 PSF WHEN INSULATED LAMINATED GLAZINGS ARE UTILIZED (MULL ITEM# 52).
 - LESSER DESIGN PRESSURE OF THOSE STATED ABOVE (1.A & 1.B) OR THOSE FOUND ON SHEET 1 SHALL GOVERN.
 - FOR TRANSOM MULLION DETAIL S1/9.
 - MAX. DESIGN PRESSURE NOT TO EXCEED +70/-70 PSF WHEN MONO-LAMI GLAZINGS ARE UTILIZED (MULL ITEM# 61).
 - DESIGN PRESSURE NOT TO EXCEED +70/-90 PSF WHEN INSULATED LAMINATED GLAZINGS ARE UTILIZED (MULL ITEM# 62).
 - LESSER DESIGN PRESSURE OF THOSE STATED ABOVE (2.A & 2.B) OR THOSE FOUND ON SHEET 1 SHALL GOVERN.
 - LESSER DESIGN PRESSURE OF THAT SHOWN IN TABLE ABOVE, OR THAT INDICATED IN CORRESPONDING TABLE FOR HARDWARE SHALL GOVERN.
 - MAX. DOOR SIZES FOR A GIVEN HARDWARE AS INDICATED IN ELEVATIONS A-F & I SHALL GOVERN MAX. SIZE OF ASSEMBLY. ASSEMBLY IS TO NOT EXCEED DIMENSIONS AS SHOWN IN ELEVATION G.

ELEVATION H	
QUALIFIED LOCKING HARDWARE	DESIGN PRESSURE
ADAMS RITE MS 1850 WITH MS 4015 AND MS 4016 TOP AND BOTTOM BOLTS.	+90/-90 PSF
ADAMS RITE MS 1880.	+90/-90 PSF



ELEVATION F
MID-PANEL EXIT DEVICE

NOTE: HARDWARE FABRICATION LOCATION ON ELEVATION F IS 40" FROM BOTTOM OF DOOR REGARDLESS OF WHICH THRESHOLD IS USED.



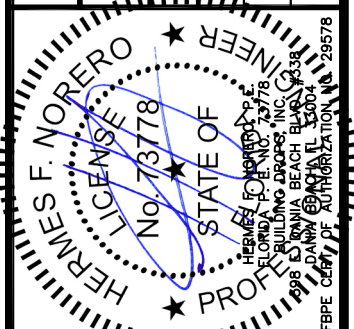
ELEVATION H
STANDARD 5-POINT LOCK



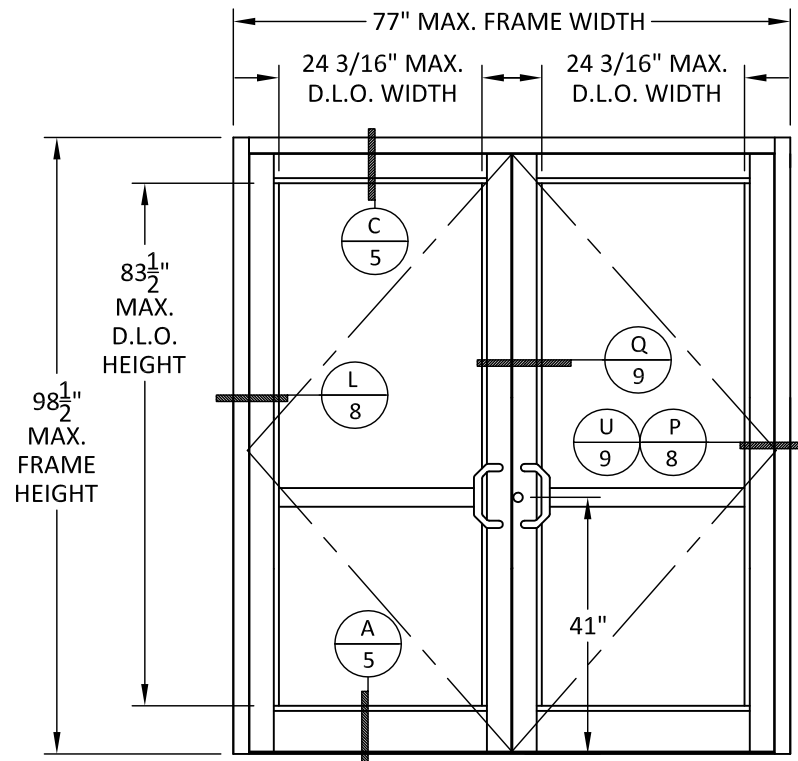
YKK AP AMERICA INC.
 332 FIRETOWER ROAD
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TITLE: SERIES 35H ALUMINUM
 OUTSWING ENTRANCE DOOR
 ELEVATIONS 2
 PREPARED BY:
 BUILDING DROPS, INC.
 398 E. DANIA BEACH BLVD. #338
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 PH: (954) 399-8478 FX: (954) 744-4738

REVISIONS			
NO.	DESCRIPTION	BY	DATE
A	KR9954 KEYPED MULLION ADDED	TM	11.7.13
B	CURTAINWALL SUBFRAME ADD.	TM	2.24.14
C	ELEVATION H ADDED	LA	05.02.17



DATE: 02.01.13
 DWN BY: MTJ
 CHK BY: HFN
 SCALE: NTS
 DWG #: YKK020
 SHEET: 3 OF 18



ELEVATION I
CVR EXIT DEVICE

ELEVATION I	
QUALIFIED LOCKING HARDWARE	DESIGN PRESSURE
VON DUPRIN 3347 CONCEALED VERTICAL ROD	+70 / -48 PSF

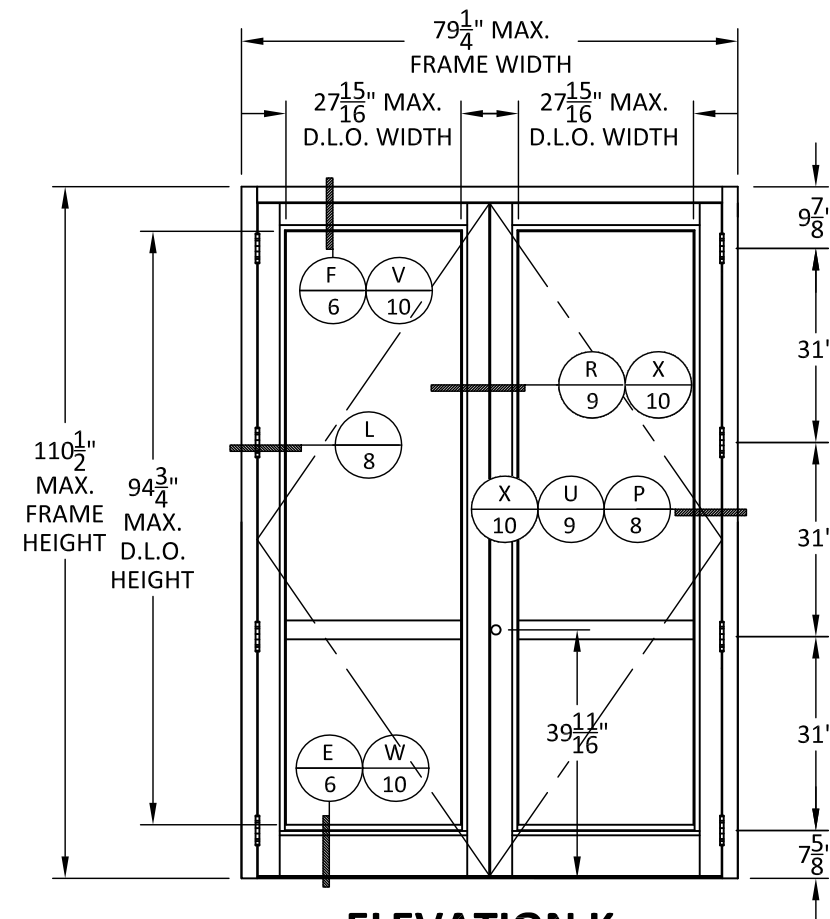
ELEVATION J	
QUALIFIED LOCKING HARDWARE	DESIGN PRESSURE
SEE ELEVATIONS A-F & I FOR ALLOWABLE LOCKING HARDWARE SYSTEMS	NOT TO EXCEED +70/-90 PSF

ELEVATION K	
QUALIFIED LOCKING HARDWARE	DESIGN PRESSURE
SARGENT 8500 RIM PANIC WITH REMOVABLE MULLION	+/- 47 PSF
VON DUPRIN 98 / 99 SERIES RIM PANIC WITH REMOVABLE MULLION	+/- 39.7 PSF
VON DUPRIN 33A / 35A SERIES RIM PANIC WITH REMOVABLE MULLION	+/- 39.7 PSF
SARGENT 8500 RIM PANIC WITH REMOVABLE MULLION	+/- 47.7 PSF
CORBIN RUSSWIN ED4200 RIM EXIT DEVICE WITH REMOVABLE MULLION	+/- 47.7 PSF
YALE 7250M EXIT DEVICE WITH REMOVABLE MULLION	+/- 47.7 PSF

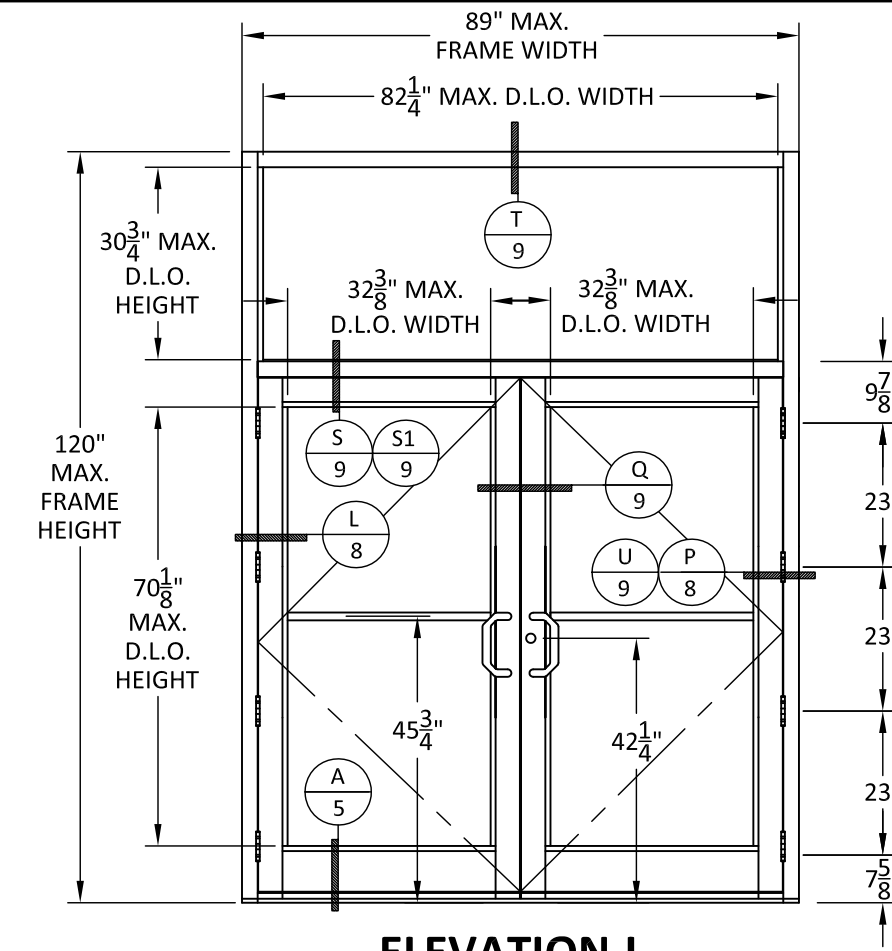
ELEVATION L	
QUALIFIED LOCKING HARDWARE	DESIGN PRESSURE
SARGENT 8500 RIM PANIC WITH REMOVABLE MULLION	+/- 53.3 PSF
VON DUPRIN 98 / 99 SERIES RIM PANIC WITH REMOVABLE MULLION	+/- 44.4 PSF
VON DUPRIN 33A / 35A SERIES RIM PANIC WITH REMOVABLE MULLION	+/- 44.4 PSF
SARGENT 8500 RIM PANIC WITH REMOVABLE MULLION	+/- 53.3 PSF
CORBIN RUSSWIN ED4200 RIM EXIT DEVICE WITH REMOVABLE MULLION	+/- 53.3 PSF
YALE 7250M EXIT DEVICE WITH REMOVABLE MULLION	+/- 53.3 PSF

NOTES:
 1) WHEN AIR/WATER THRESHOLD IS UTILIZED, MAX. DOOR FRAME HEIGHT MAY INCREASE TO 99-7/8". SEE DETAIL D, PAGE 5 AND DETAIL K, PAGE 7.
 2) SINGLE AND DOUBLE DOORS ARE QUALIFIED SUCH THAT SINGLE DOOR UTILIZES HARDWARE FROM ACTIVE DOOR PANEL.
 3) ADDITIONAL QUALIFIED PANEL CONFIGURATIONS CAN BE FOUND ON PAGE 4.
 4) SEE SHEET 7 DESIGN PRESSURE LIMITATIONS BASED ON WATER INFILTRATION REQUIREMENTS.

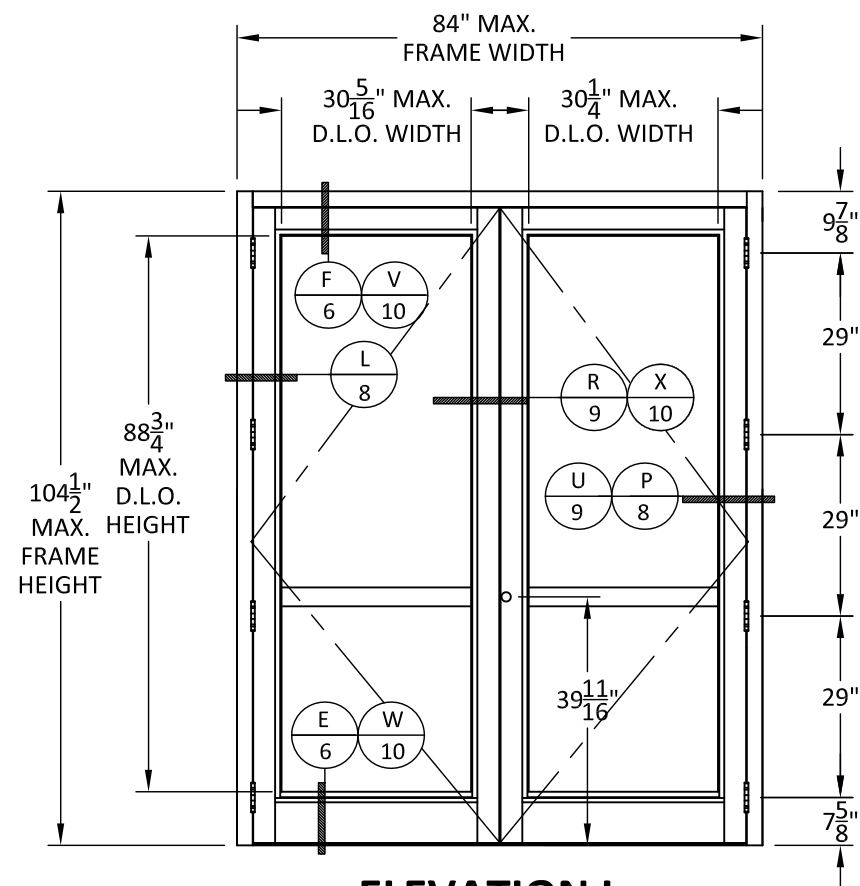
**NOTE: AIR TIGHT THRESHOLD (ITEM #13) MAY BE USED IN LIEU OF AIR/WATER THRESHOLD WHEN UTILIZED WITH CONCEALED VERTICAL ROD DEVICES



ELEVATION K
RIM PANIC WITH REMOVABLE MULLION



ELEVATION J
DOUBLE DOOR WITH TRANSOM

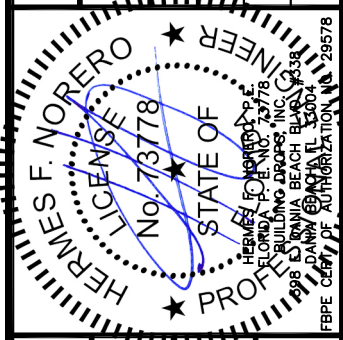


ELEVATION L
RIM PANIC WITH REMOVABLE MULLION

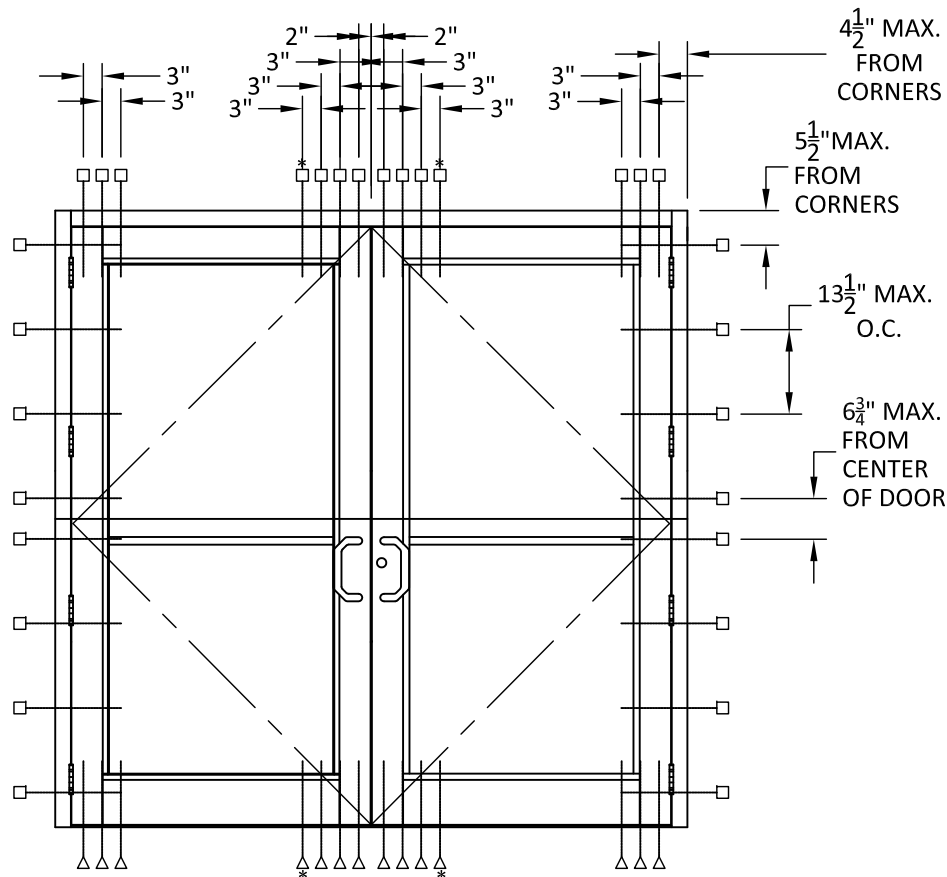
YKK AP Quality inspires™
 YKK AP AMERICA INC.
 332 FIRETOWER ROAD
 DUBLIN, GEORGIA 31021
 PH: (478) 277-2549 FX: (678) 838-6001

TITLE: SERIES 35H ALUMINUM
 OUTSWING ENTRANCE DOOR
 ELEVATIONS
 PREPARED BY:
 BUILDING DROPS, INC.
 398 E. DANIA BEACH BLVD. #338
 DANIA BEACH, FL 33004
 PH: (954) 399-8478 FX: (954) 744-4738

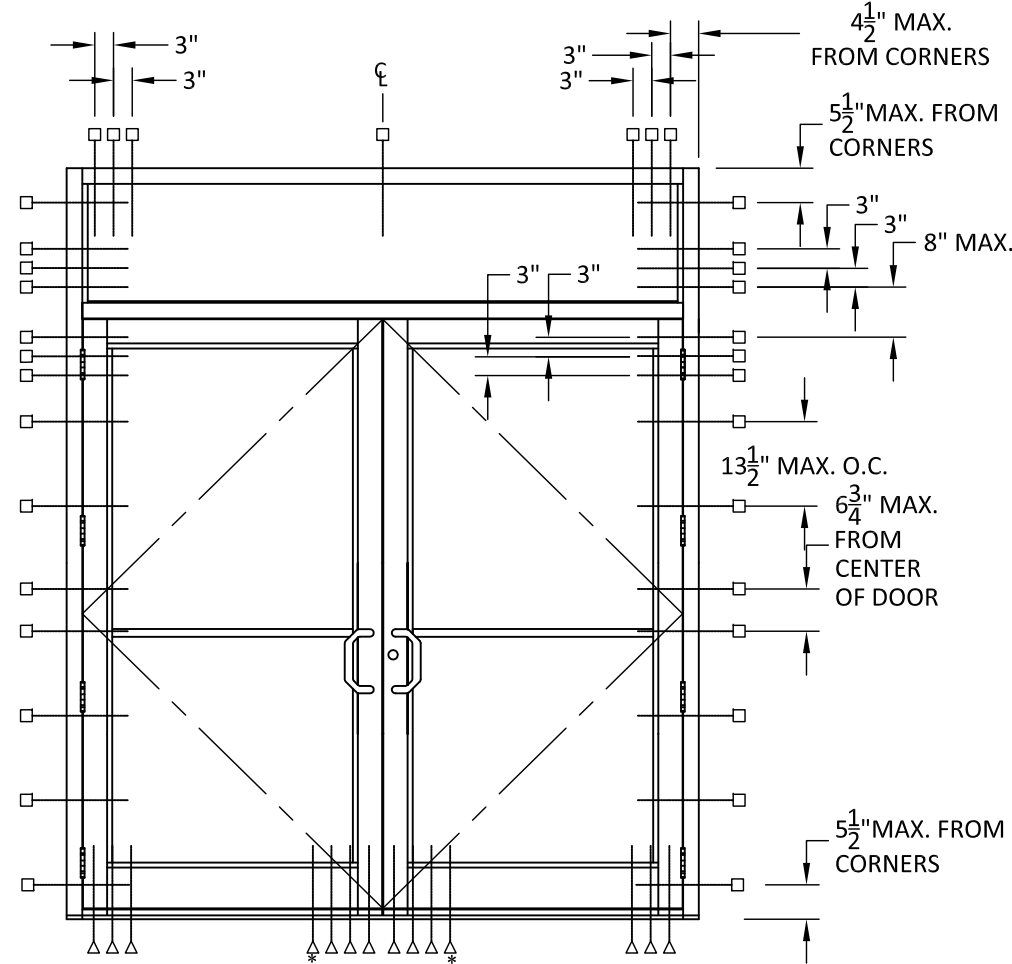
REVISIONS			
NO.	DESCRIPTION	BY	DATE
A	KR9954 KEYPED MULLION ADDED	TM	11.7.13
B	CURTAINWALL SUBFRAME ADD.	TM	2.24.14
C	CROSS RAILS ADDED	SM	10.29.15
D	QUALIFIED HINGE ASSEMBLIES ADD.	LA	05.02.17



DATE: 02.01.13
 DWN BY: MTJ
 CHK BY: HFN
 SCALE: NTS
 DWG #: YKK020
 SHEET: 3.1 OF 18



**ANCHOR LAYOUT
FOR ELEVATIONS A-F, H, K & L**



**ANCHOR LAYOUT
FOR ELEVATION G, I & J**

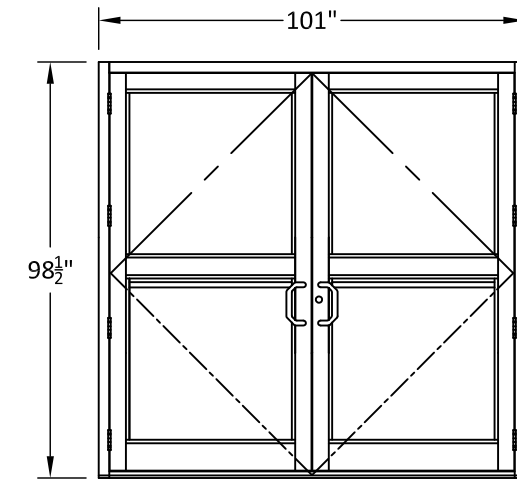
QUALIFIED HINGE ASSEMBLIES

HINGE TYPE	DESCRIPTION	MAX FRAME SIZE	DESIGN PRESSURE
BUTT HINGE	***FOUR (4) HAGER BB1191 BUTT HINGES PER DOOR LEAF	101" x 98 1/2"	+90/-90 PSF
BUTT HINGE	***FOUR (4) HAGER BB1199 BUTT HINGES PER DOOR LEAF	89" x 116 1/2"	+90/-90 PSF
BUTT HINGE	***FOUR (4) MCKINNEY TA2714 BUTT HINGES PER DOOR LEAF	101" x 98 1/2"	+90/-90 PSF
CONTINUOUS HINGE	ONE (1) ROTON 780-226HD CONTINUOUS GEARED HINGE PER DOOR LEAF	101" x 98 1/2"	+90/-90 PSF
CONTINUOUS HINGE	ONE (1) RSELECT 27HD CONTINUOUS GEARED HINGE PER DOOR LEAF	101" x 98 1/2"	+90/-90 PSF
PIVOT	RISON PIVOT HINGES 180 AT TOP, M-19 AT INTERMEDIATE, & 147 AT BOTTOM	101" x 98 1/2"	+90/-90 PSF

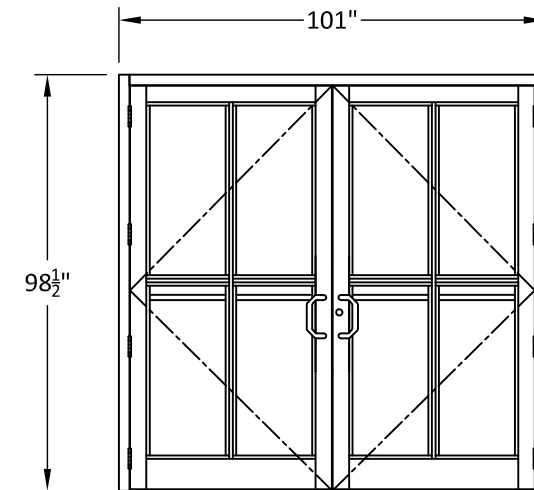
***NOTE: IF DOOR HEIGHT IS LESS THAN 90" AND DOOR WIDTH IS EQUAL TO OR LESS THAN 36", THEN ONE INTERMEDIATE BUTT HINGE AT MIDSPAN IS REQUIRED BETWEEN TOP & BOTTOM BUTT HINGES

*TWO (2) LESS ANCHORS ARE REQUIRED AT SILL FOR DESIGN PRESSURES OF +/- 60 PSF OR LESS.

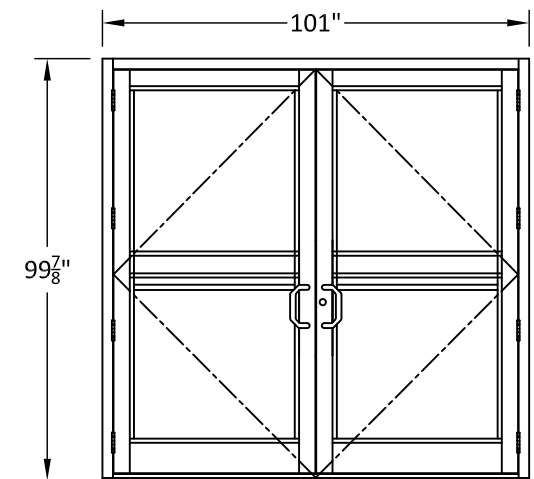
QUALIFIED PANEL CONFIGURATIONS



MIDRAILS



CROSS RAILS



**MIDRAILS WITH
AIR/WATER THRESHOLD**

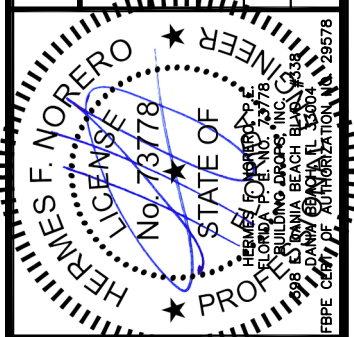


YKK AP AMERICA INC.
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DUBLIN, GEORGIA 31021
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TITLE: SERIES 35H ALUMINUM
OUTSWING ENTRANCE DOOR
ANCHOR LAYOUTS &
QUALIFIED HINGE ASSEMBLIES
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

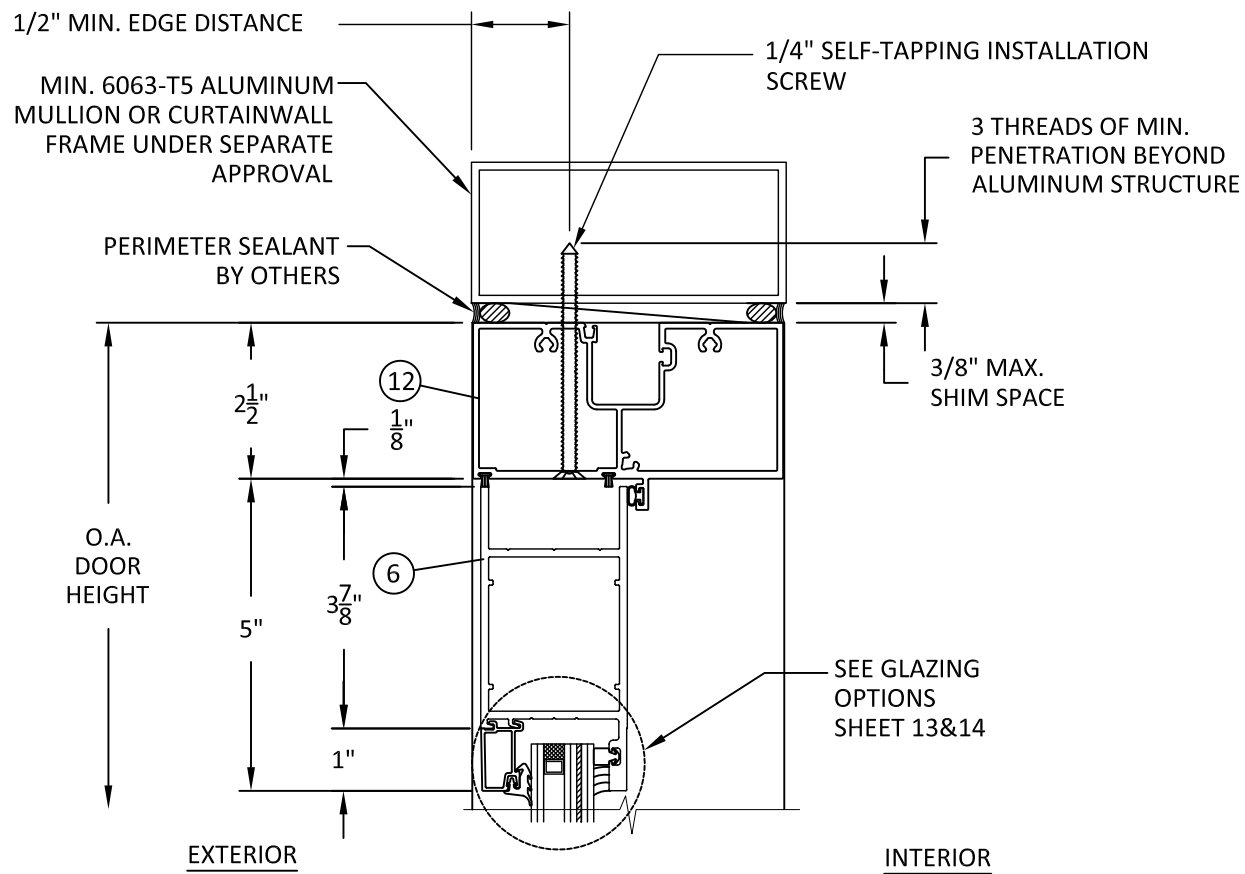
REVISIONS

NO.	DESCRIPTION	BY	DATE
A	KR9954 KEYPED MULLION ADDED	TM	11.7.13
B	CURTAINWALL SUBFRAME ADD.	TM	2.24.14
C	CROSS RAILS ADDED	SM	10.29.15
D	QUALIFIED HINGE ASSEMBLIES ADD.	LA	05.02.17

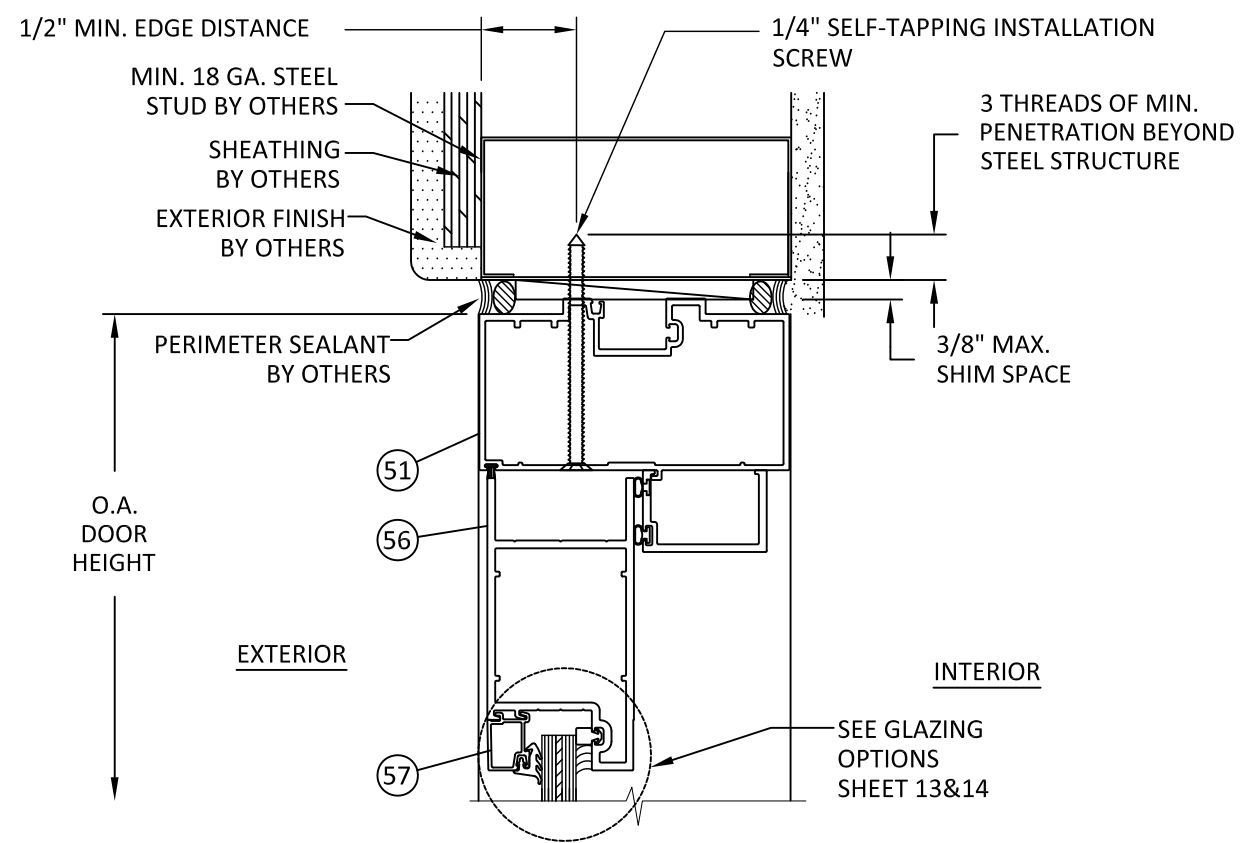


DATE: 02.01.13
DWN BY: MTJ
CHK BY: HFN
SCALE: NTS

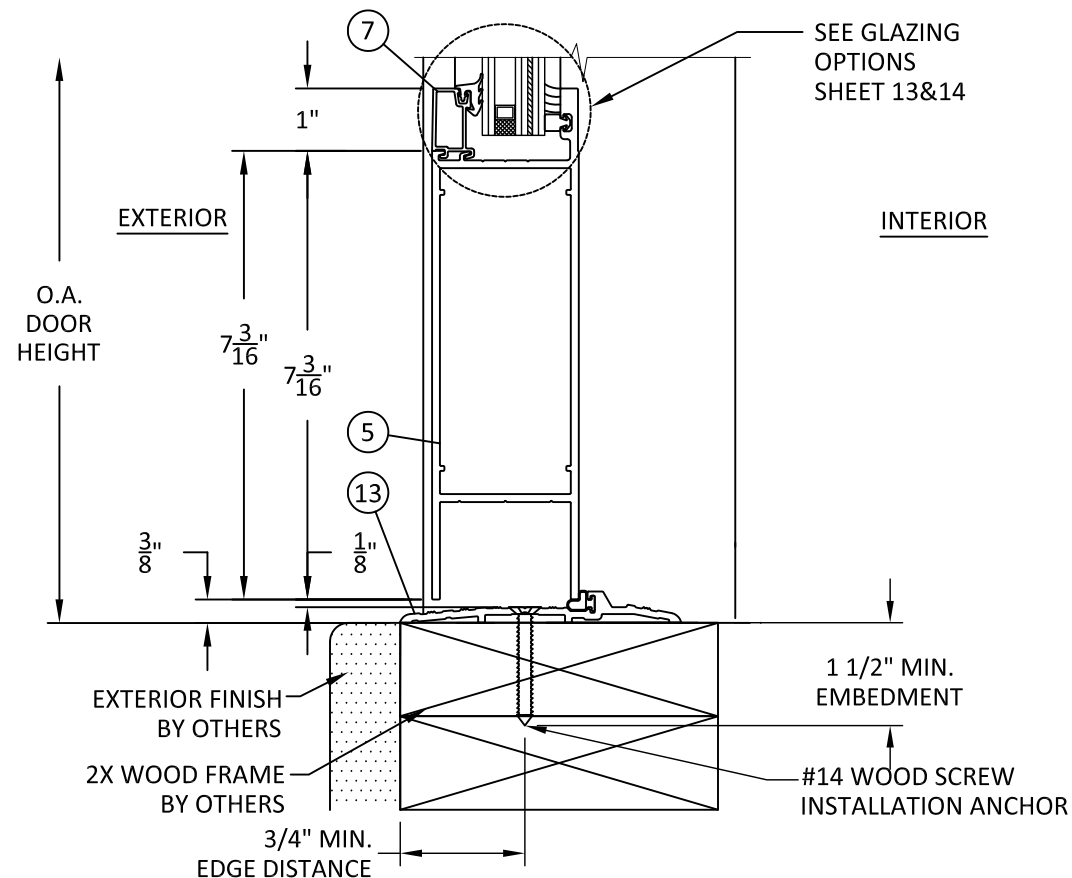
DWG #: **YKK020**
SHEET: **4 OF 18**



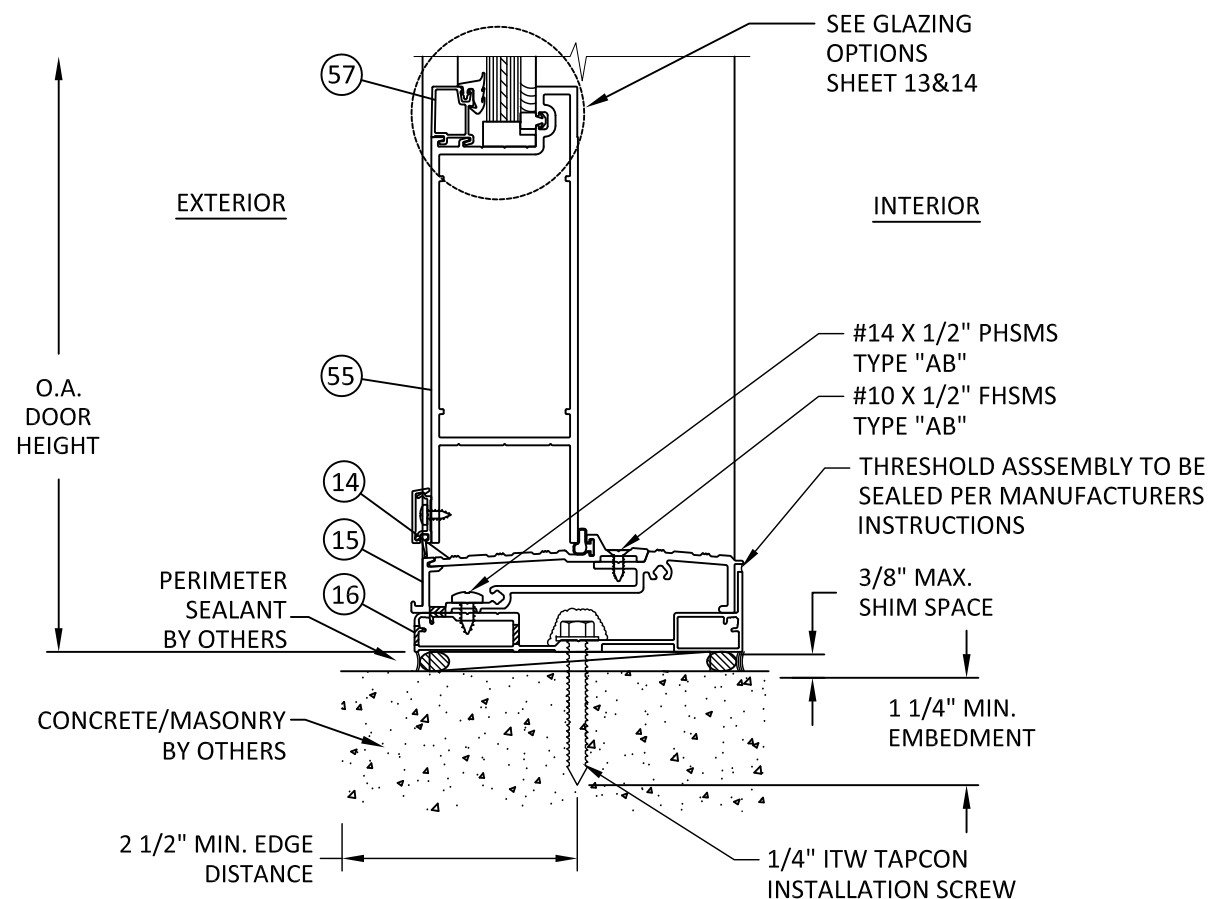
B
5 VERTICAL SECTION
HEAD - ALUMINUM MULLION



C
5 VERTICAL SECTION
OHCC HEAD (OPTIONAL) - STEEL STUD



A
5 VERTICAL SECTION
SILL - 2X WOOD FRAME



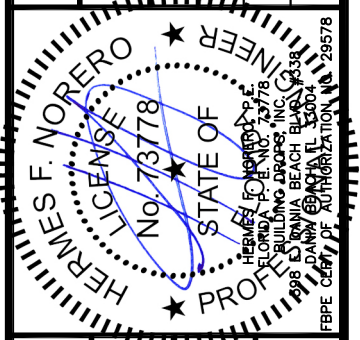
D
5 VERTICAL SECTION
SILL - CONCRETE/MASONRY



YKK AP AMERICA INC.
332 FIRETOWER ROAD
DUBLIN, GEORGIA 31021
PH: (478) 277-2549 FX: (678) 838-6001

TITLE: SERIES 35H ALUMINUM
OUTSWING ENTRANCE DOOR
VERTICAL SECTIONS 1
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

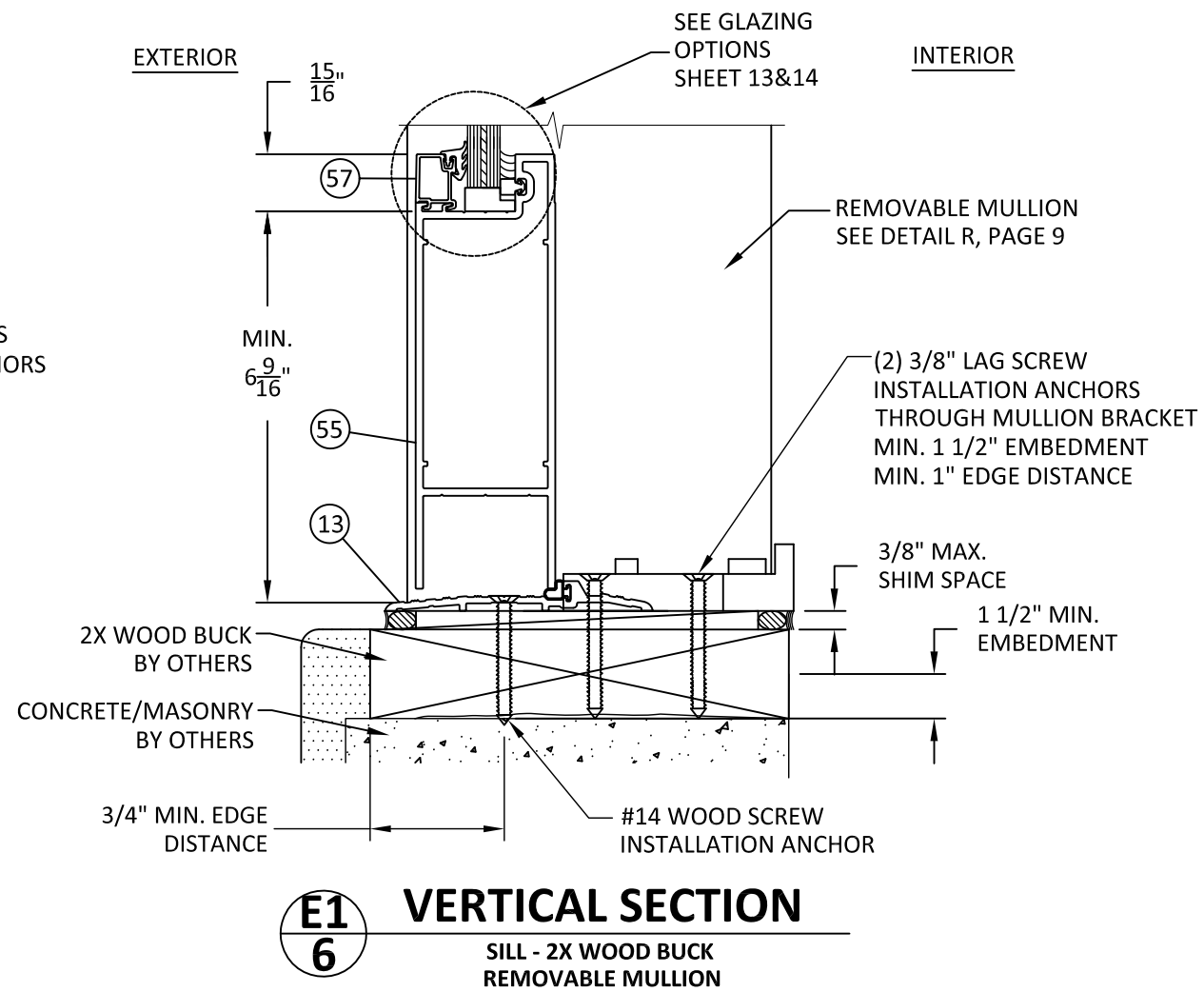
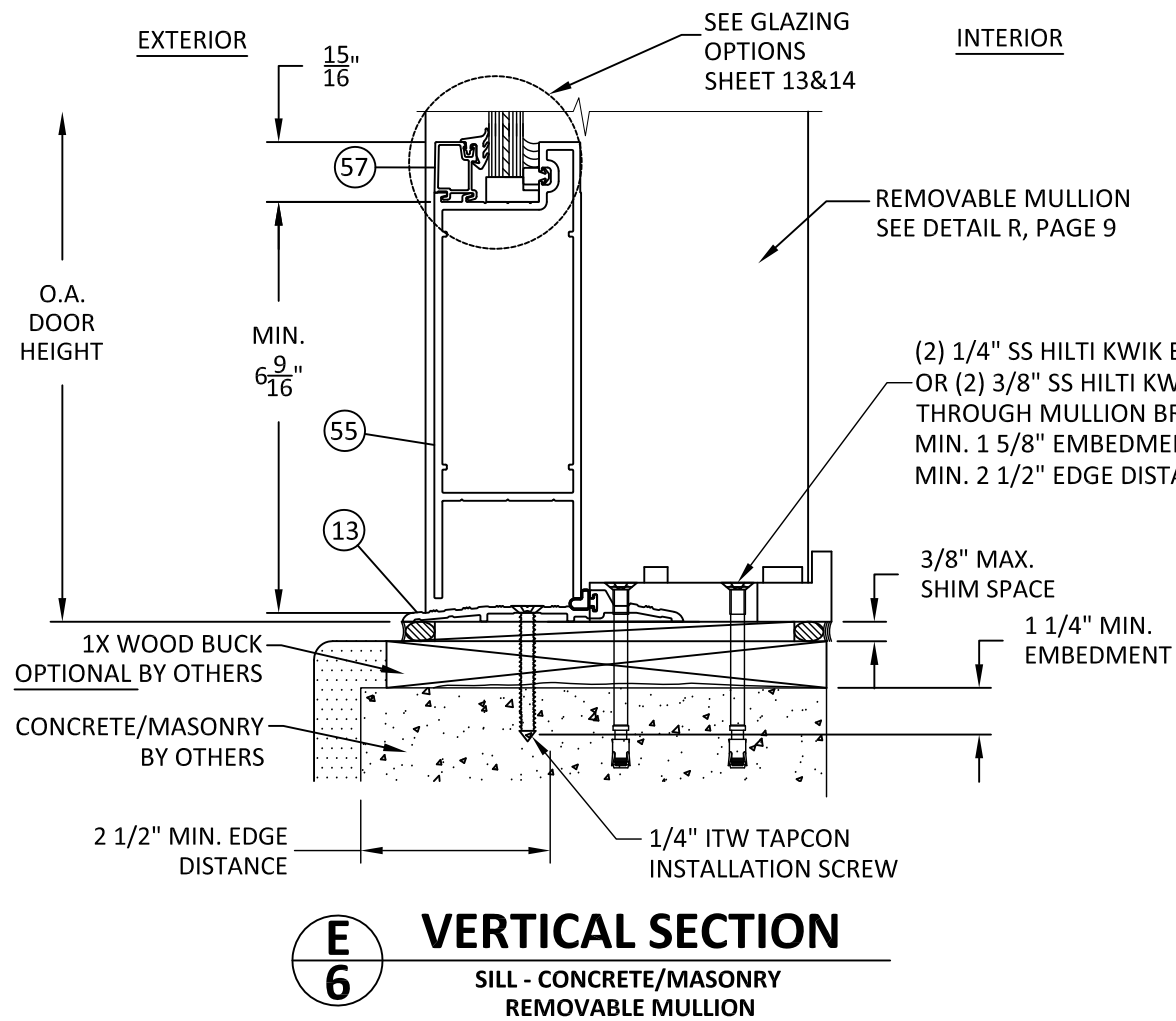
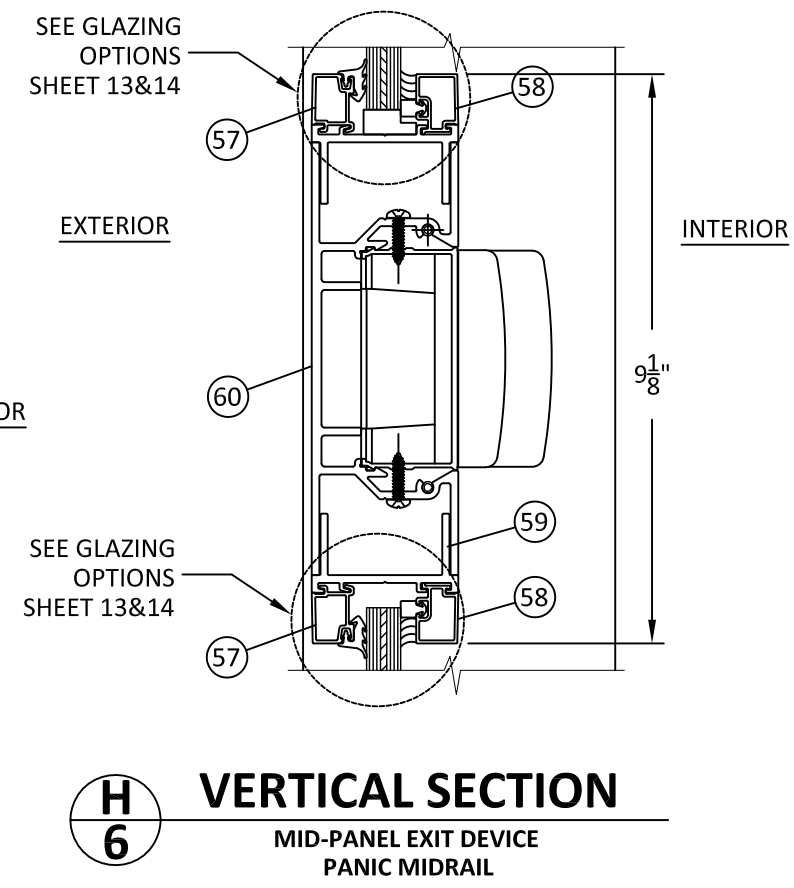
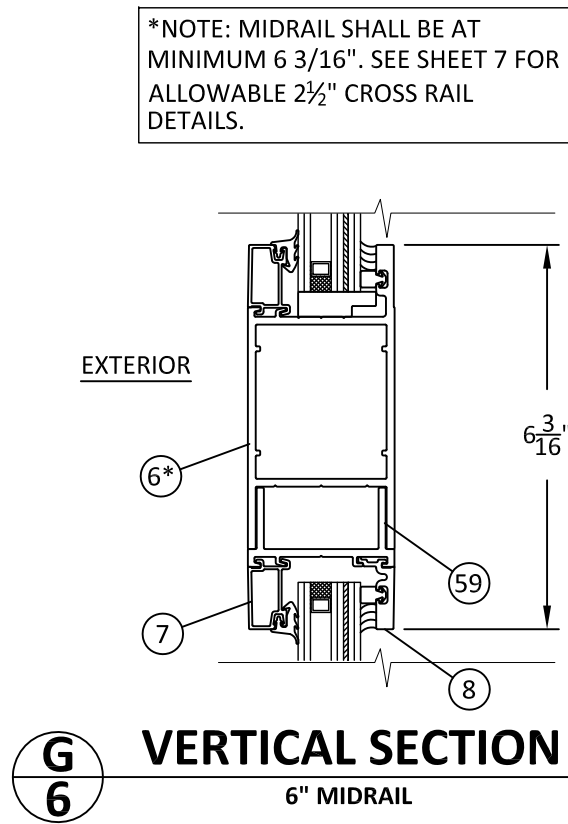
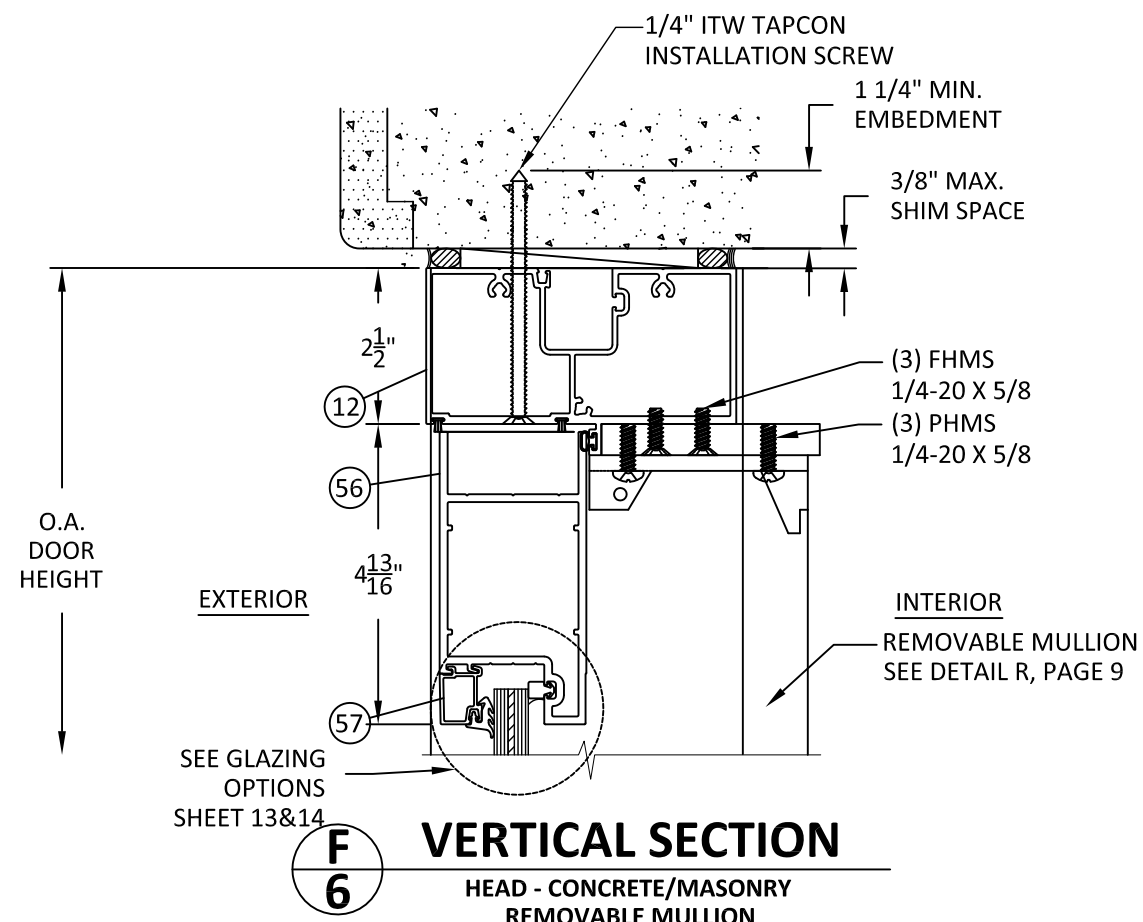
REVISIONS		NO.	DESCRIPTION	BY	DATE
A	KR9954 KEYPED MULLION ADDED	TM	11.7.13		
B	CURTAINWALL SUBFRAME ADD.	TM	2.24.14		



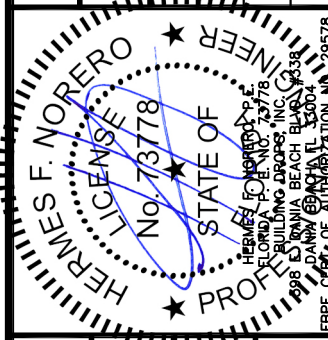
DATE:	02.01.13
DWN BY:	MTJ
CHK BY:	HFN
SCALE:	NTS

DWG #: **YKK020**
SHEET: **5 OF 18**

TITLE: SERIES 35H ALUMINUM
OUTSWING ENTRANCE DOOR
VERTICAL SECTIONS 2
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738



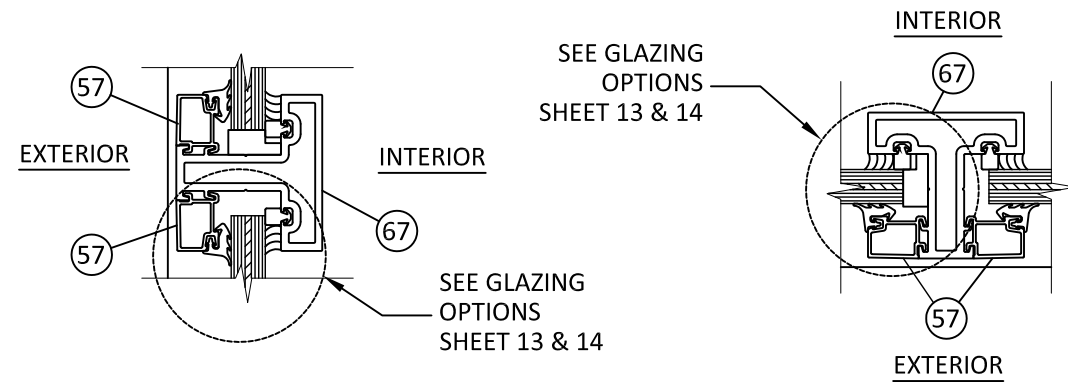
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A	KR9954 KEYPED MULLION ADDED	TM	11.7.13		
B	CURTAINWALL SUBFRAME ADD.	TM	2.24.14		



DATE:	02.01.13	DWN BY:	MTJ	CHK BY:	HFN	SCALE:	NTS
DWG #:	YKK020						
SHEET:	6 OF 18						

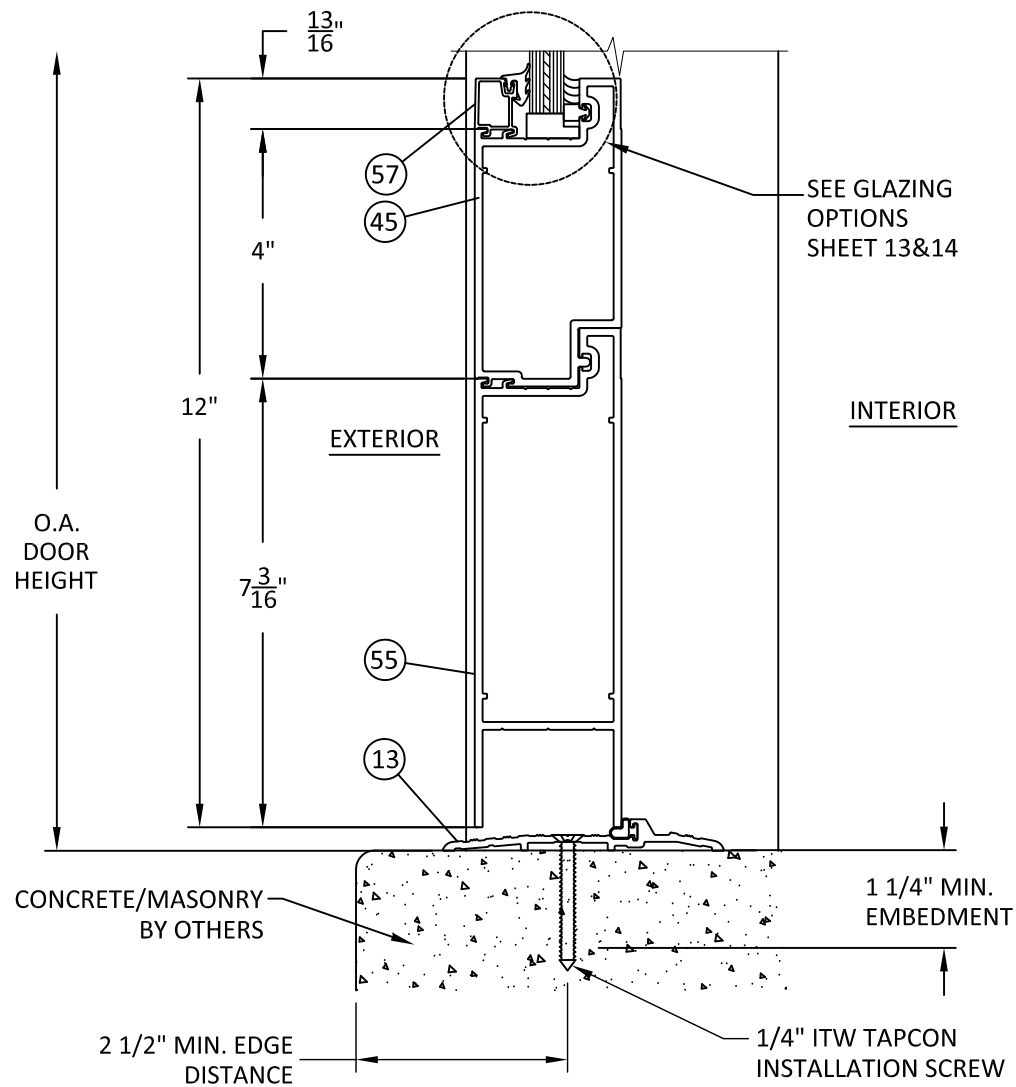
THRESHOLD WATER INFILTRATION AND DESIGN PRESSURE LIMITATIONS

THRESHOLD DESCRIPTION	ITEM #	TYP. DETAILS	WATER TEST PRESSURE	LIMITATIONS
4 1/2" AIR TIGHT THRESHOLD	ITEM # 13	SEE TYP. DETAILS A/5, E/6, & J/7	0 PSF	THRESHOLD SHALL BE USED WHERE WATER INFILTRATION RATING IS NOT REQUIRED OR WHERE WATER INFILTRATION IS REQUIRED, A MINIMUM OVERHANG RATIO (OVERHANG PROJECTION:OVERHANG HEIGHT) SHALL BE EQUAL TO OR GREATER THAN 1. POSITIVE DESIGN LOAD NOT TO EXCEED +90 PSF.
AIR/WATER RESISTANT THRESHOLD	ITEMS #14, #15, & #16	SEE TYP. DETAILS D/5 & K/7	10.5 PSF	<ul style="list-style-type: none"> WHERE WATER INFILTRATION IS REQUIRED, POSITIVE DESIGN LOAD SHALL NOT EXCEED +70 PSF. WHERE WATER INFILTRATION IS REQUIRED, AND A MINIMUM OVERHANG RATIO (OVERHANG PROJECTION:OVERHANG HEIGHT) EQUAL TO OR GREATER THAN 1 IS PRESENT, POSITIVE DESIGN LOAD SHALL NOT EXCEED +90 PSF. WHERE WATER INFILTRATION IS NOT REQUIRED, POSITIVE DESIGN LOAD NOT TO EXCEED +90 PSF.

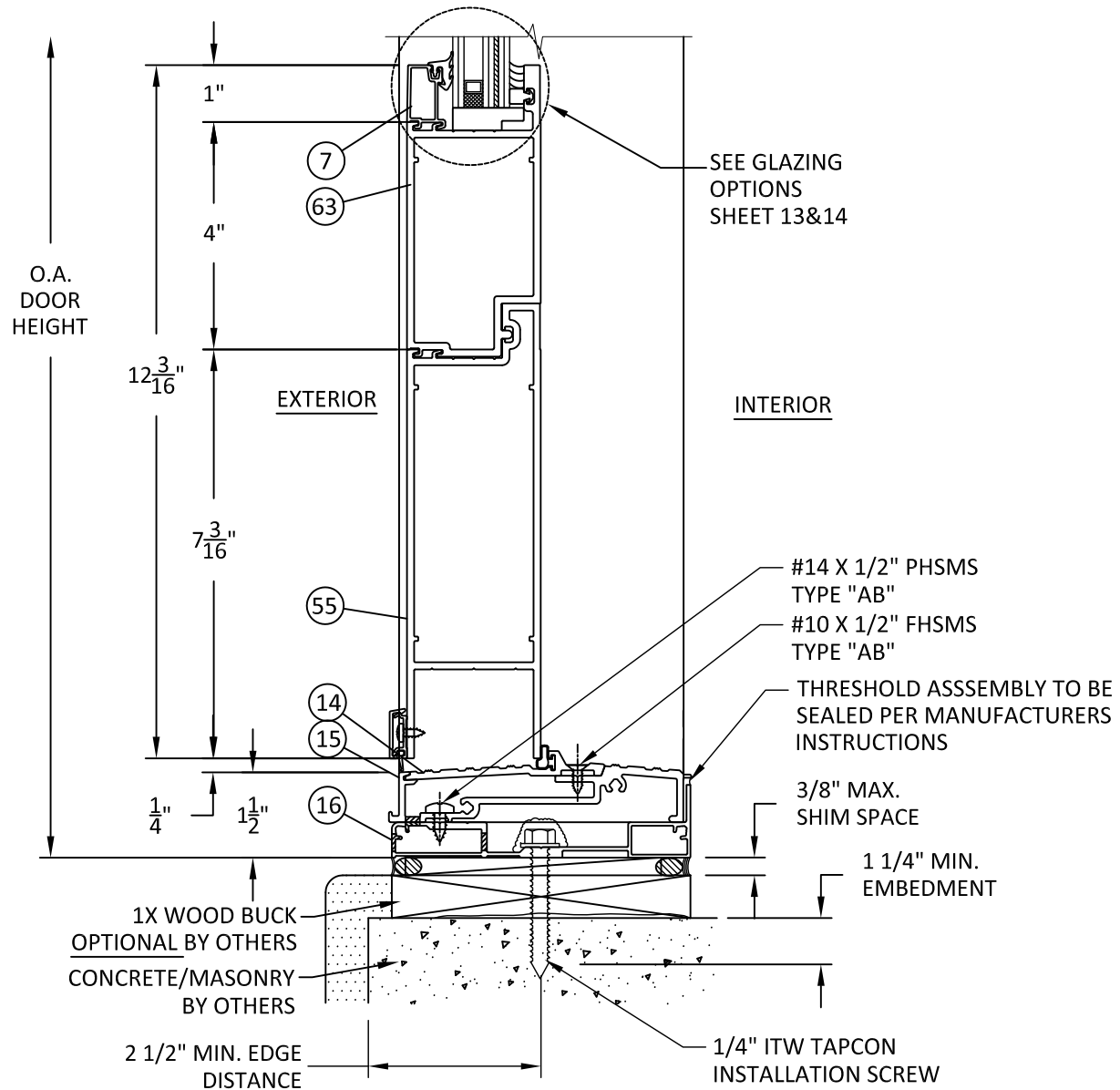


G1
7 VERTICAL SECTION
2 1/2" CROSS RAIL

G2
7 HORIZONTAL SECTION
2 1/2" CROSS RAIL



J
7 VERTICAL SECTION
SILL - CONCRETE/MASONRY
STACKED BOTTOM RAIL



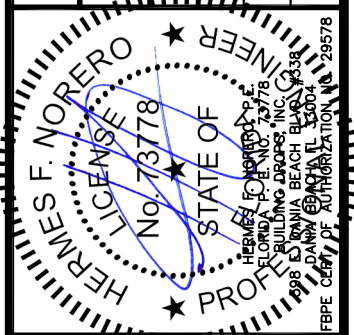
K
7 VERTICAL SECTION
SILL - 1X/CONCRETE/MASONRY
STACKED BOTTOM RAIL



YKK AP AMERICA INC.
332 FIRETOWER ROAD
DUBLIN, GEORGIA 31021
PH: (478) 277-2549 FX: (678) 838-6001

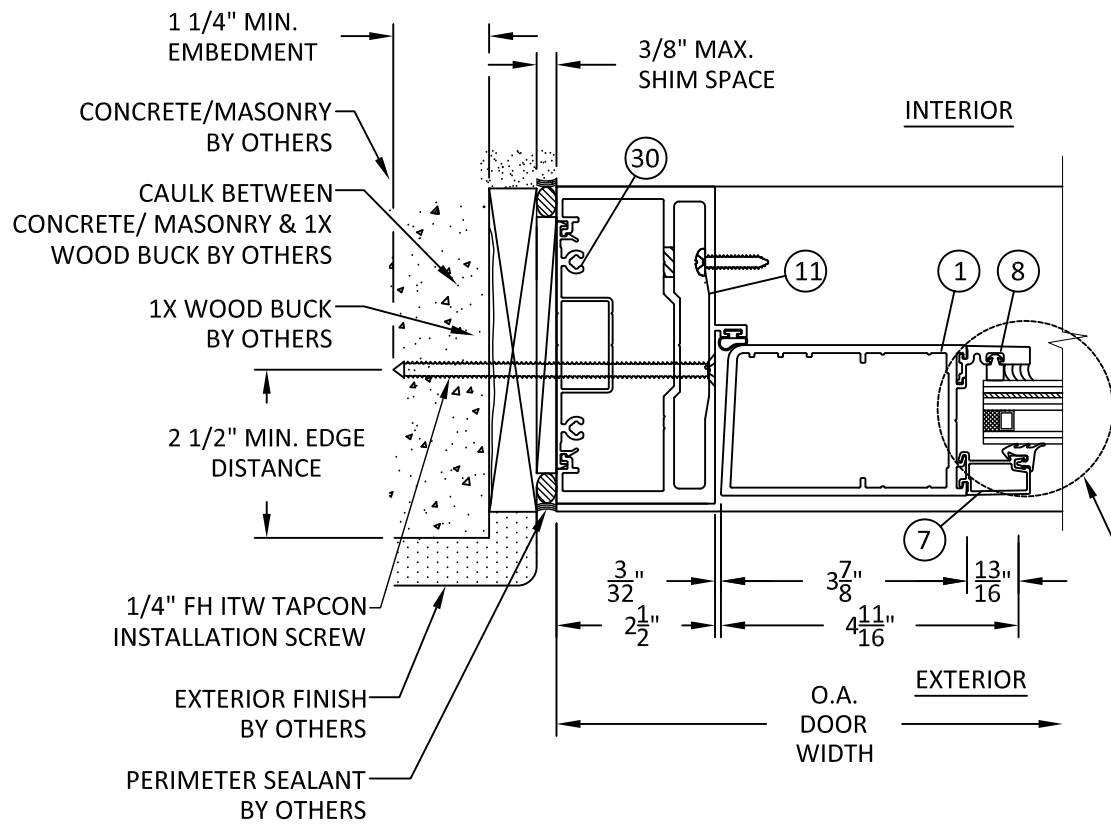
TITLE: SERIES 35H ALUMINUM
OUTSWING ENTRANCE DOOR
VERTICAL SECTIONS 3 &
THRESHOLD WATER & DP LIM.
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

REVISIONS		NO.	DESCRIPTION	BY	DATE
A	KR9954 KEYPED MULLION ADDED	TM	11.7.13		
B	CURTAINWALL SUBFRAME ADD.	TM	2.24.14		
C	CROSS RAILS ADDED	SM	10.29.15		

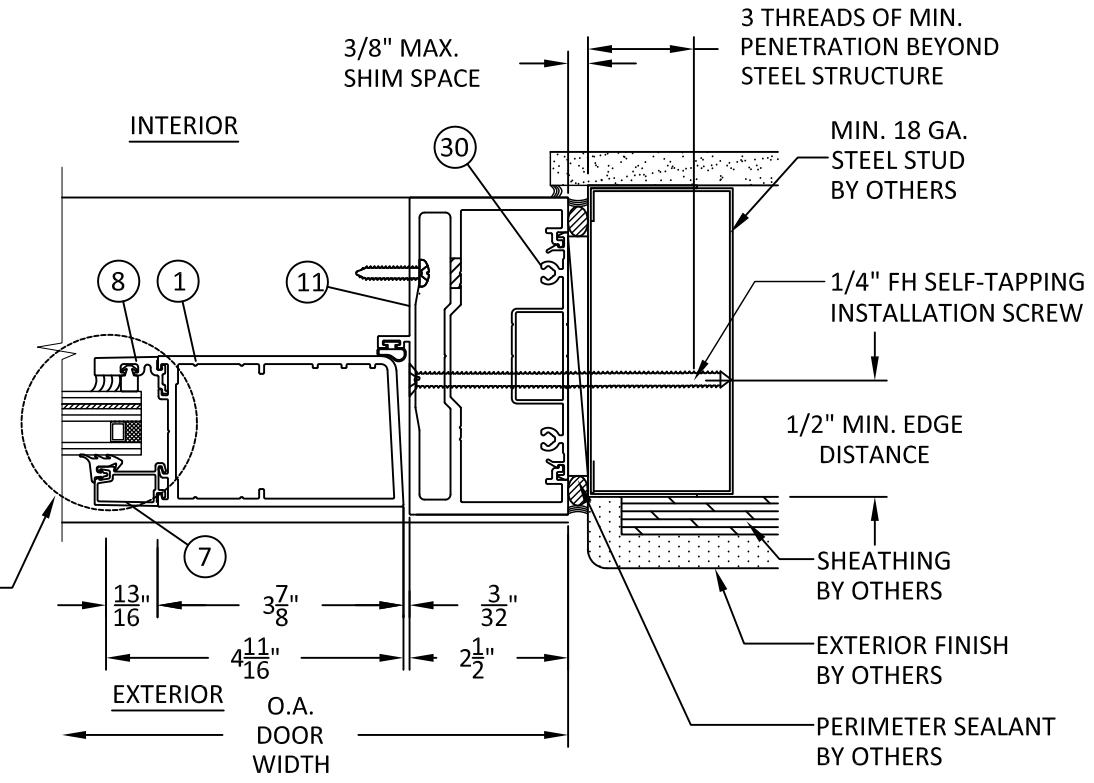


DATE:	02.01.13
DWN BY:	MTJ
CHK BY:	HFN
SCALE:	NTS

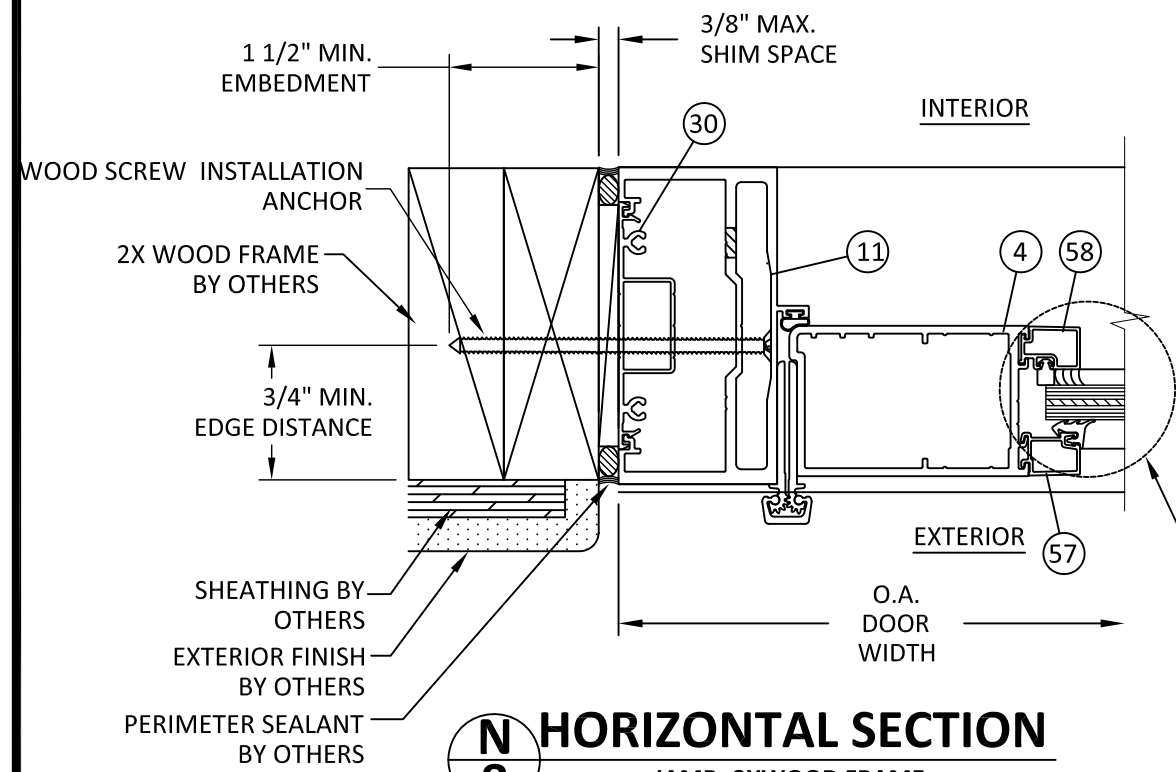
DWG #:
YKK020
SHEET: **7** OF **18**



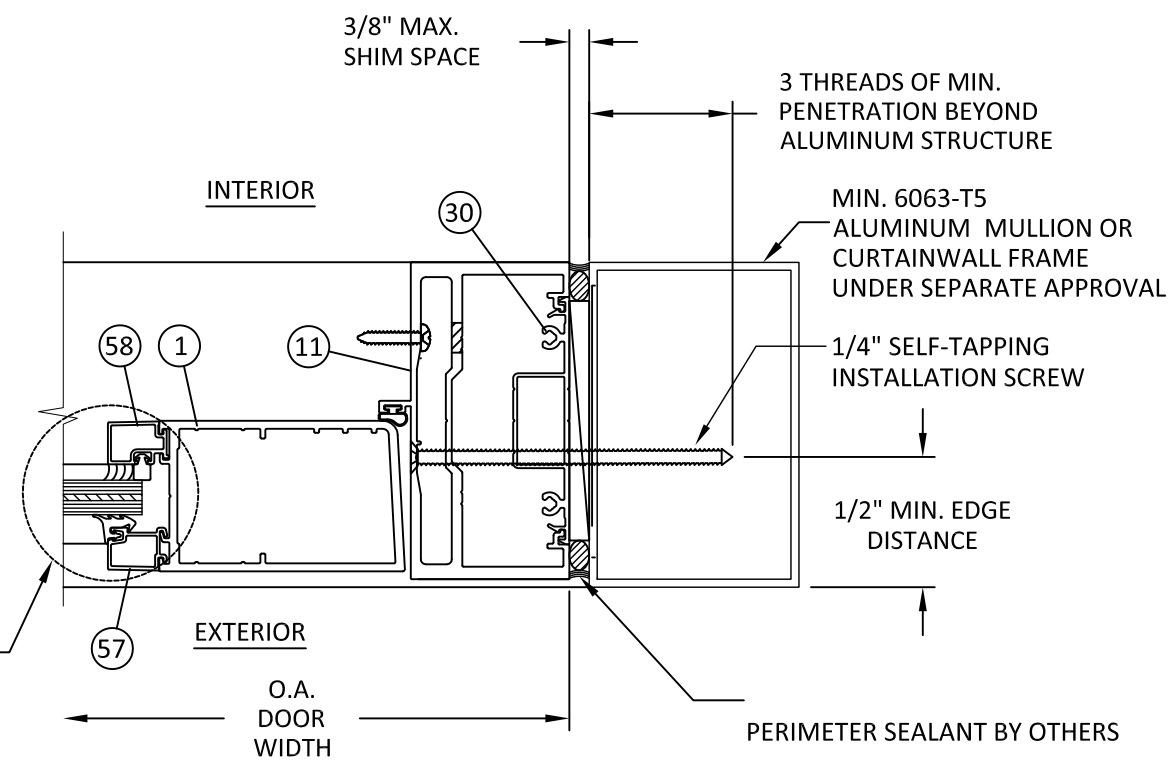
L
8 HORIZONTAL SECTION
JAMB - CONCRETE/MASONRY



M
8 HORIZONTAL SECTION
JAMB - STEEL STUD



N
8 HORIZONTAL SECTION
JAMB - 2XWOOD FRAME
CONTINUOUS HINGE



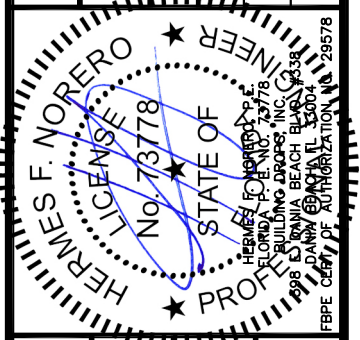
P
8 HORIZONTAL SECTION
JAMB - ALUMINUM STUD

SEE GLAZING
OPTIONS
SHEET 13&14

SEE GLAZING
OPTIONS
SHEET 13&14

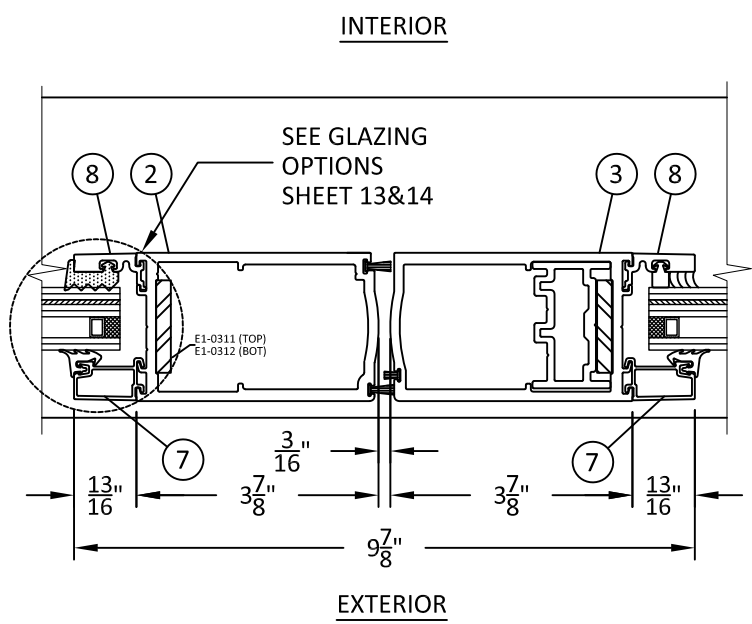
TITLE: SERIES 35H ALUMINUM
OUTSWING ENTRANCE DOOR
HORIZONTAL SECTIONS 1
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

REVISIONS		DESCRIPTION	BY	DATE
A	NO.	KR9954 KEYED MULLION ADDED	TM	11.7.13
B	NO.	CURTAINWALL SUBFRAME ADD.	TM	2.24.14

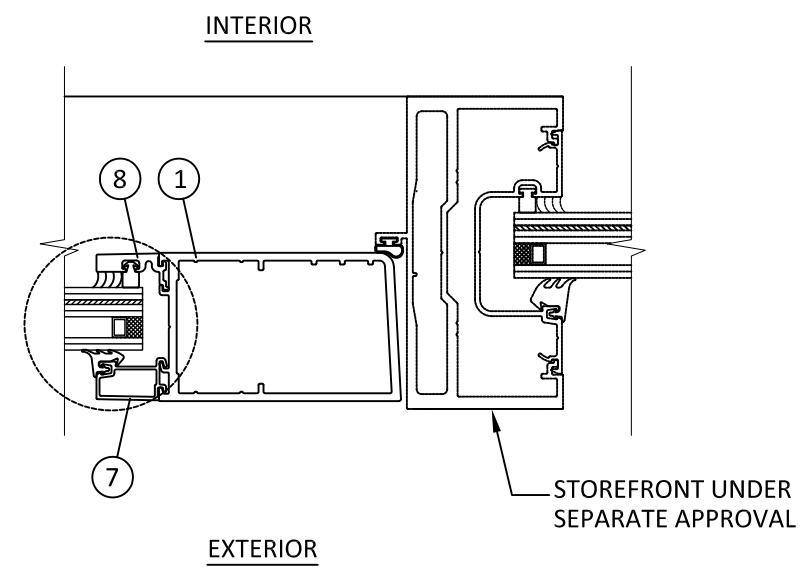


DATE:	02.01.13
DWN BY:	MTJ
CHK BY:	HFN
SCALE:	NTS

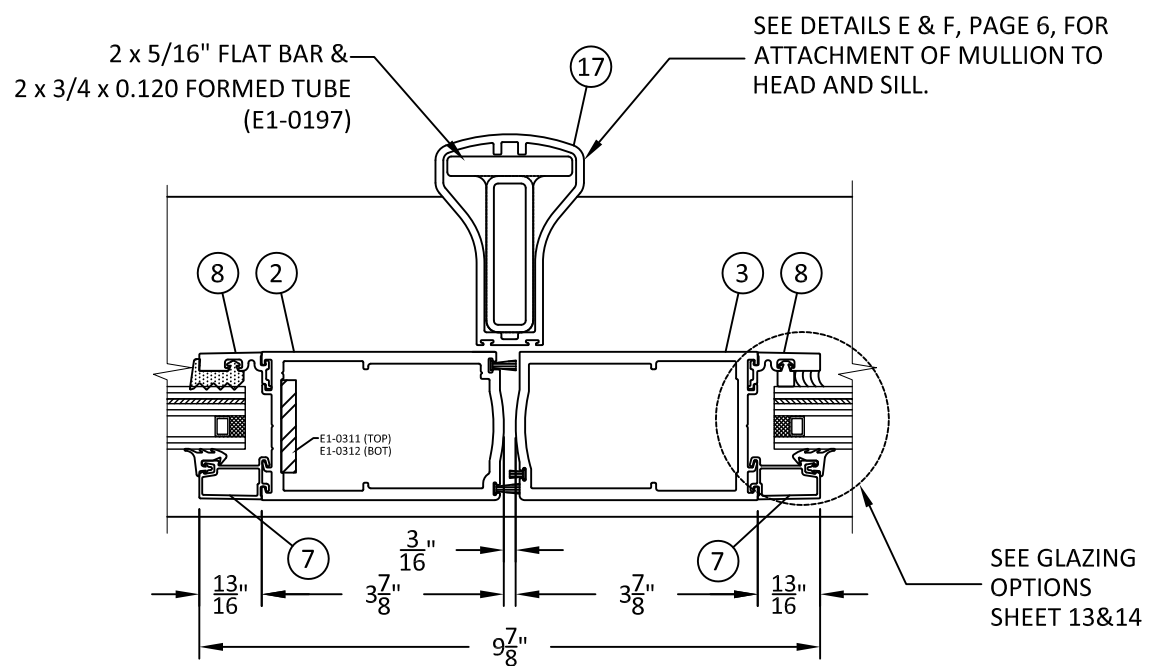
DWG #: **YKK020**
SHEET: **8 OF 18**



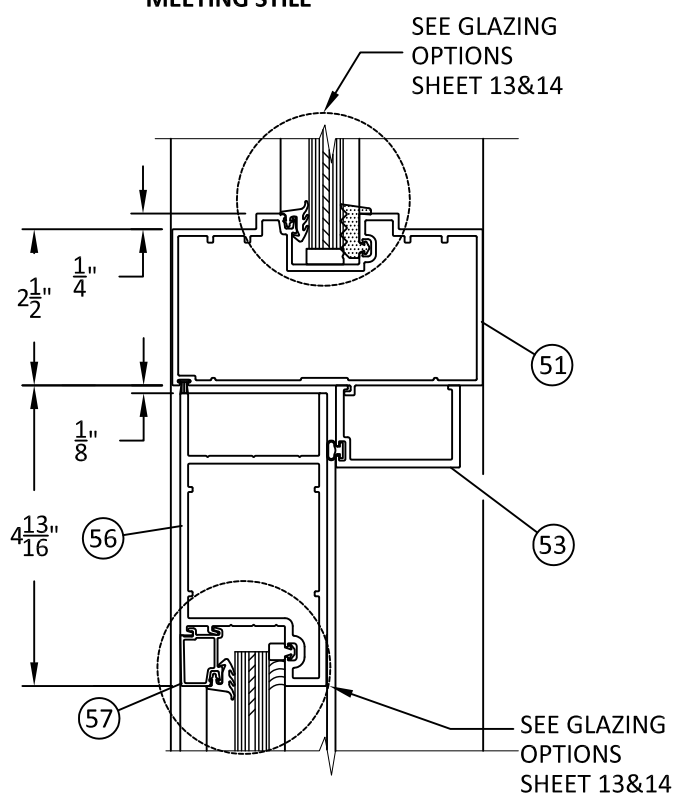
Q
9 HORIZONTAL SECTION
MEETING STILE



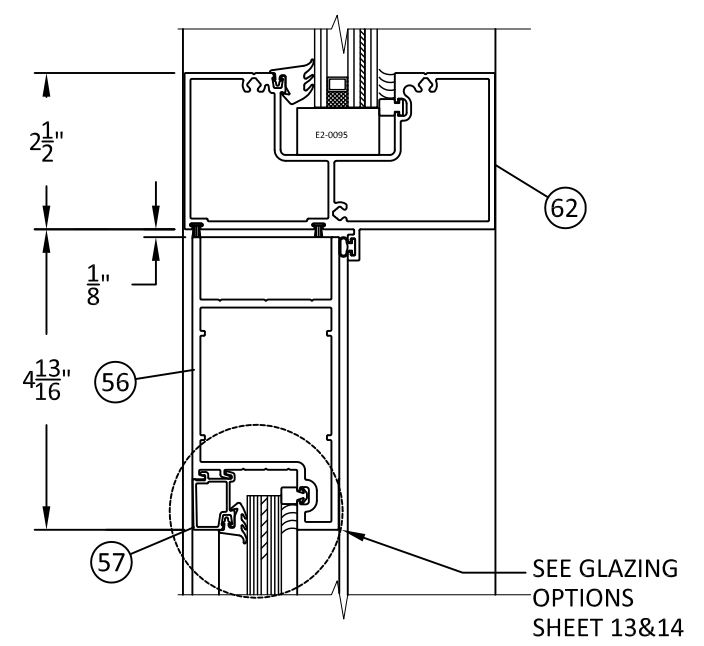
U
9 HORIZONTAL SECTION
VERTICAL MULLION
STOREFRONT SYSTEM



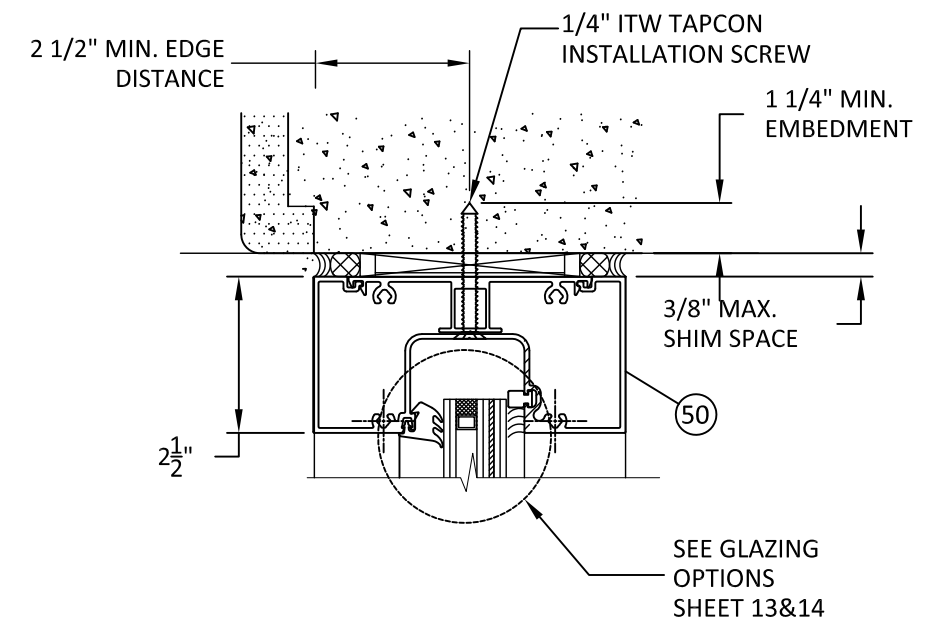
R
9 HORIZONTAL SECTION
MEETING STILE W/REMOVABLE MULLION



S
9 VERTICAL SECTION
OHCC MULLION
SEE SHEET 3 FOR DP LIMITATIONS



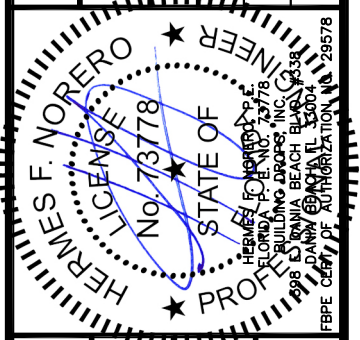
S1
9 VERTICAL SECTION
STANDARD TRANSOM MULLION
SEE SHEET 3 FOR DP LIMITATIONS



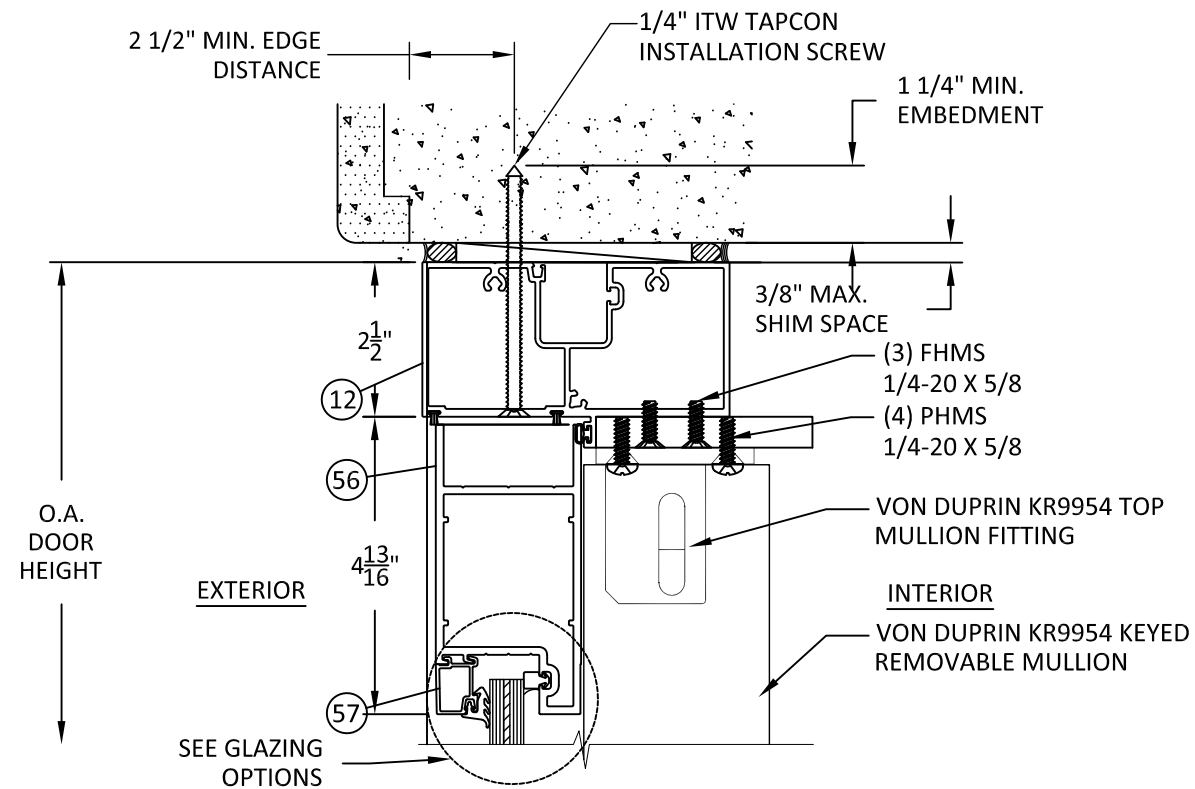
T
9 VERTICAL SECTION
TRANSOM HEADER

TITLE: SERIES 35H ALUMINUM
OUTSWING ENTRANCE DOOR
HORIZONTAL DETAILS 2
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

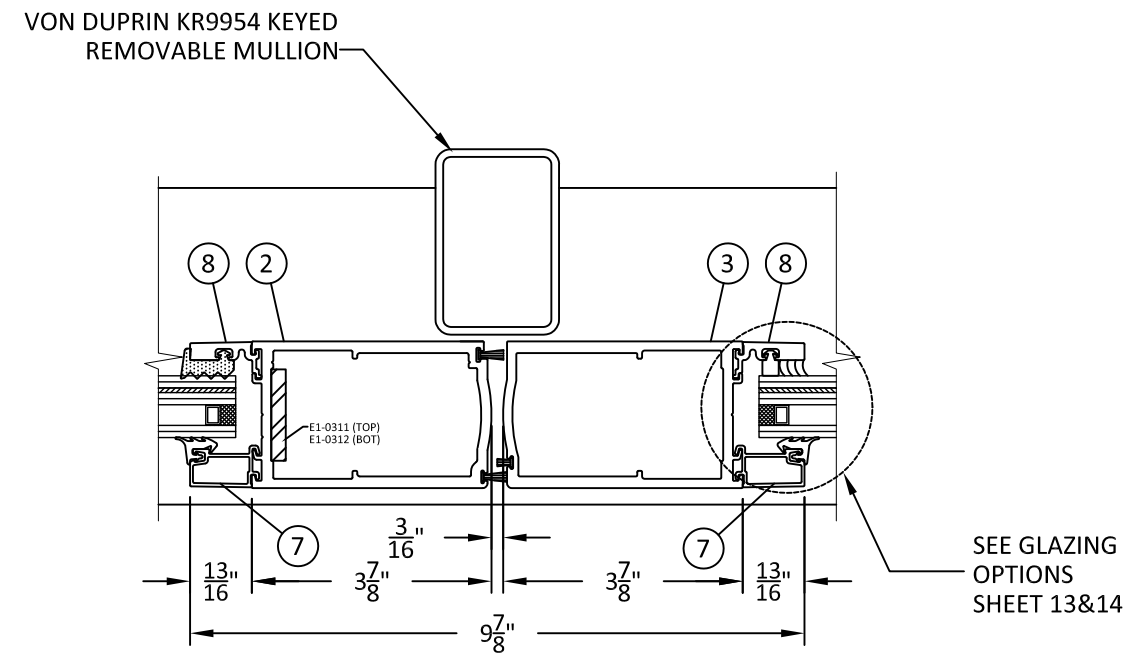
REVISIONS	DESCRIPTION	NO.	BY	DATE
			TM	11.7.13
A	KR9954 KEYPED MULLION ADDED		TM	2.24.14
B	CURTAINWALL SUBFRAME ADD.			



DATE: 02.01.13
DWN BY: MTJ
CHK BY: HFN
SCALE: NTS
DWG #: **YKK020**
SHEET: **9 OF 18**

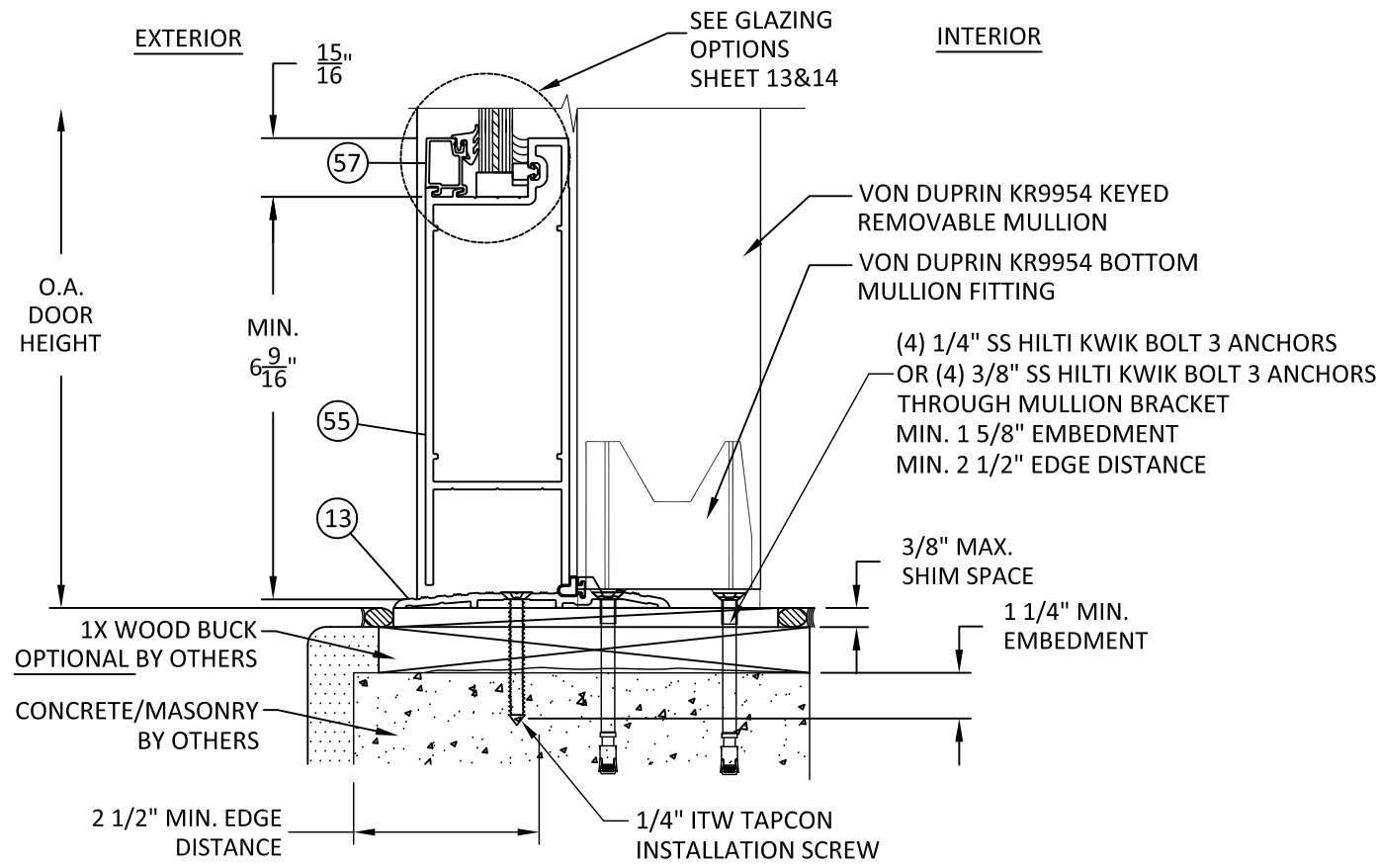


V
10
VERTICAL SECTION
HEAD - CONCRETE/MASONRY
REMOVABLE MULLION

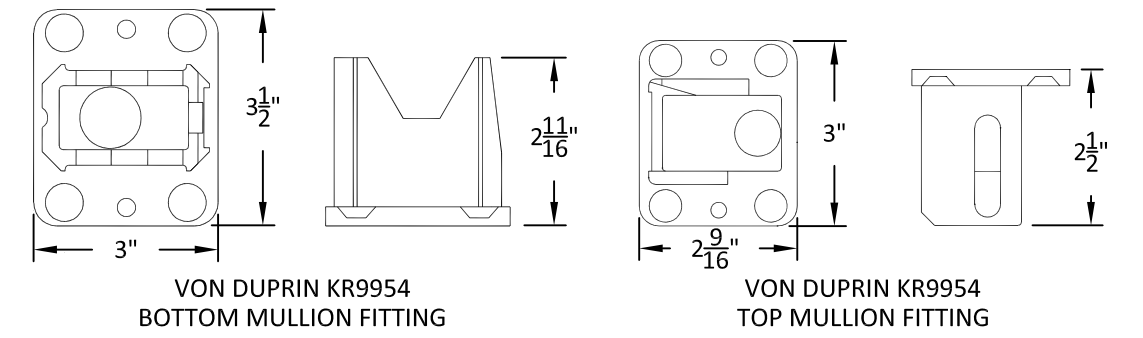


X
10
HORIZONTAL SECTION
MEETING STILE W/REMOVABLE MULLION

NOTE:
SEE ELEVATION B, SHEET 2 FOR DETAILS OF RIM PANIC DEVICES. VON DUPRIN KR9954 KEYPED REMOVABLE MULLION TO BE USED WITH VON DUPRIN HARDWARE ONLY.



W
10
VERTICAL SECTION
SILL - CONCRETE/MASONRY
REMOVABLE MULLION

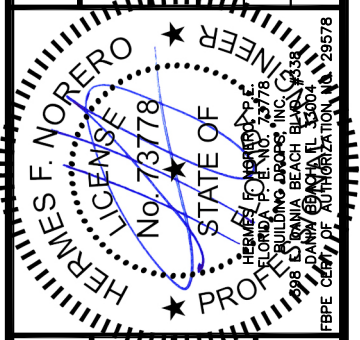


VON DUPRIN KR9954
BOTTOM MULLION FITTING

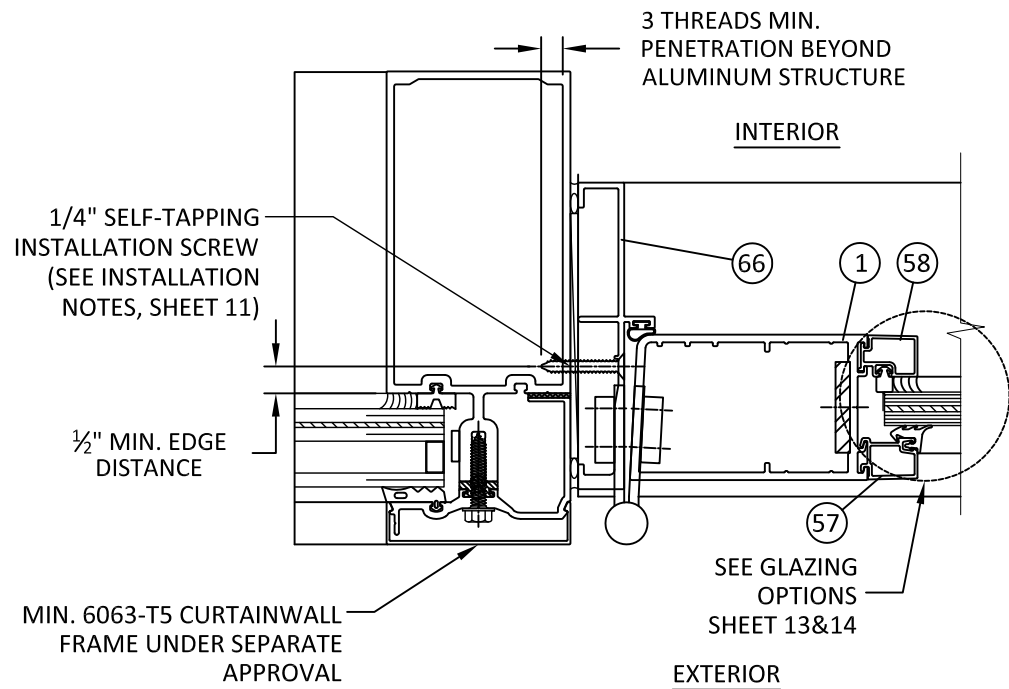
VON DUPRIN KR9954
TOP MULLION FITTING

TITLE: SERIES 35H ALUMINUM
OUTSWING ENTRANCE DOOR
HORIZONTAL/VERTICAL SECTIONS
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

REVISIONS		NO.	DESCRIPTION	BY	DATE
A	KR9954 KEYPED MULLION ADDED	TM	11.7.13		
B	CURTAINWALL SUBFRAME ADD.	TM	2.24.14		



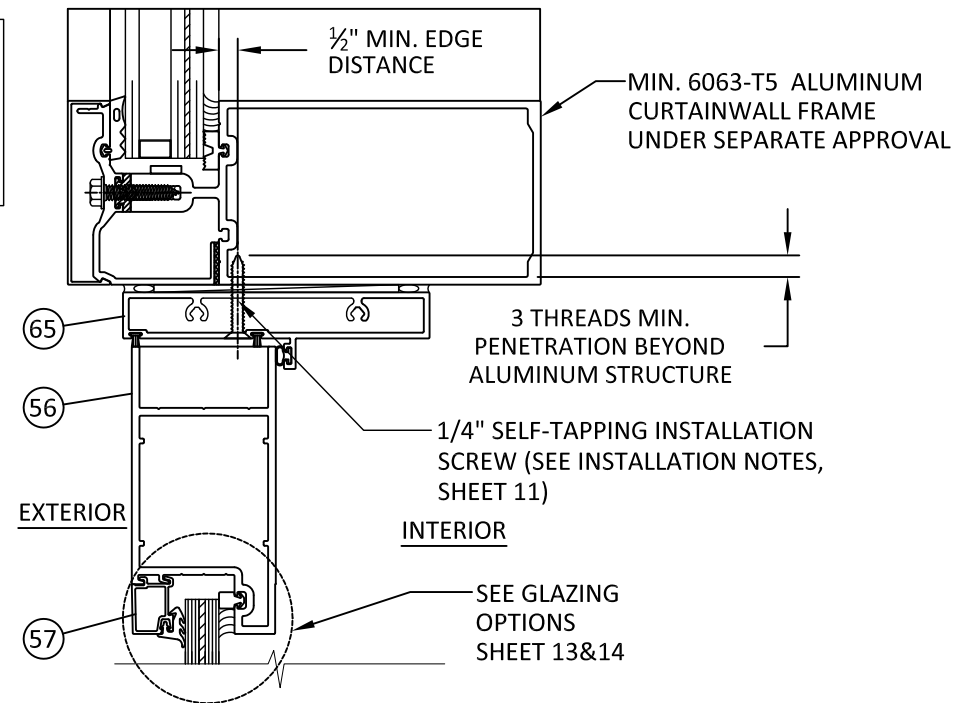
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DWN BY: MTJ
CHK BY: HFN
SCALE: NTS
DWG #: YKK020
SHEET: 10 OF 18



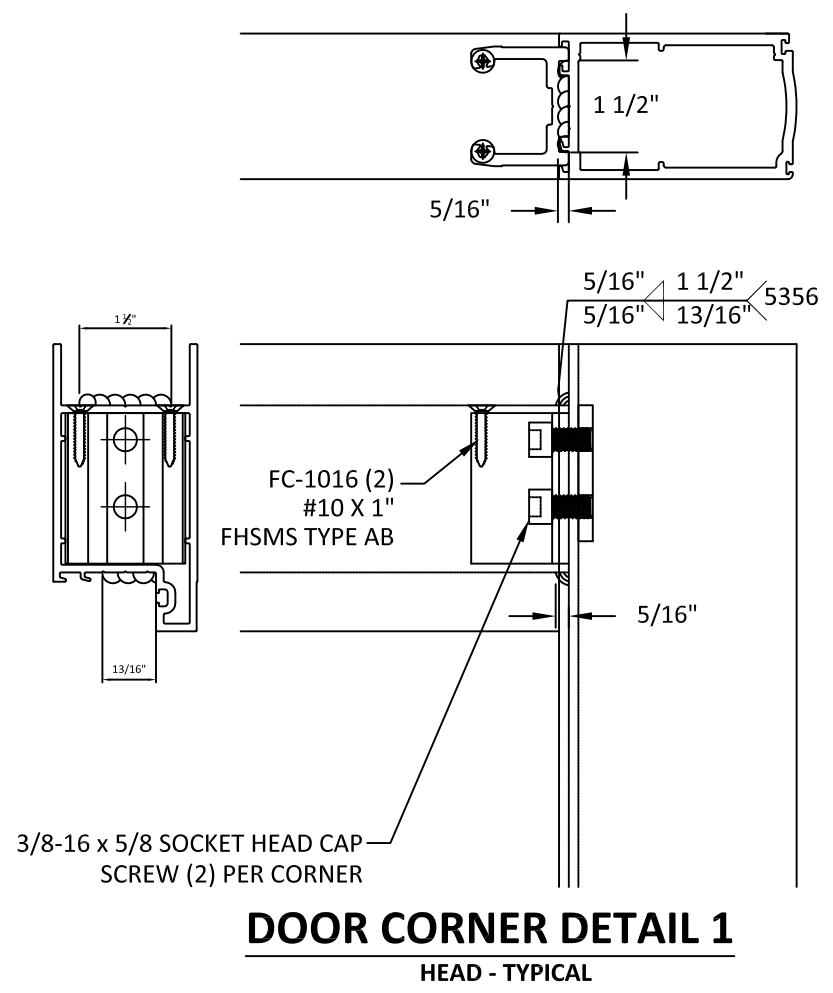
Y HORIZONTAL SECTION
11 JAMB - SUBFRAME TO CURTAINWALL

NOTES:
 A. CURTAINWALL SUBFRAME IS LIMITED TO A MAXIMUM SIZE OF 78 1/2" X 98 1/2" FOR ALL HARDWARE TYPES.
 B. BUTT HINGE SHOWN, CONTINUOUS HINGES MAY ALSO BE USED.

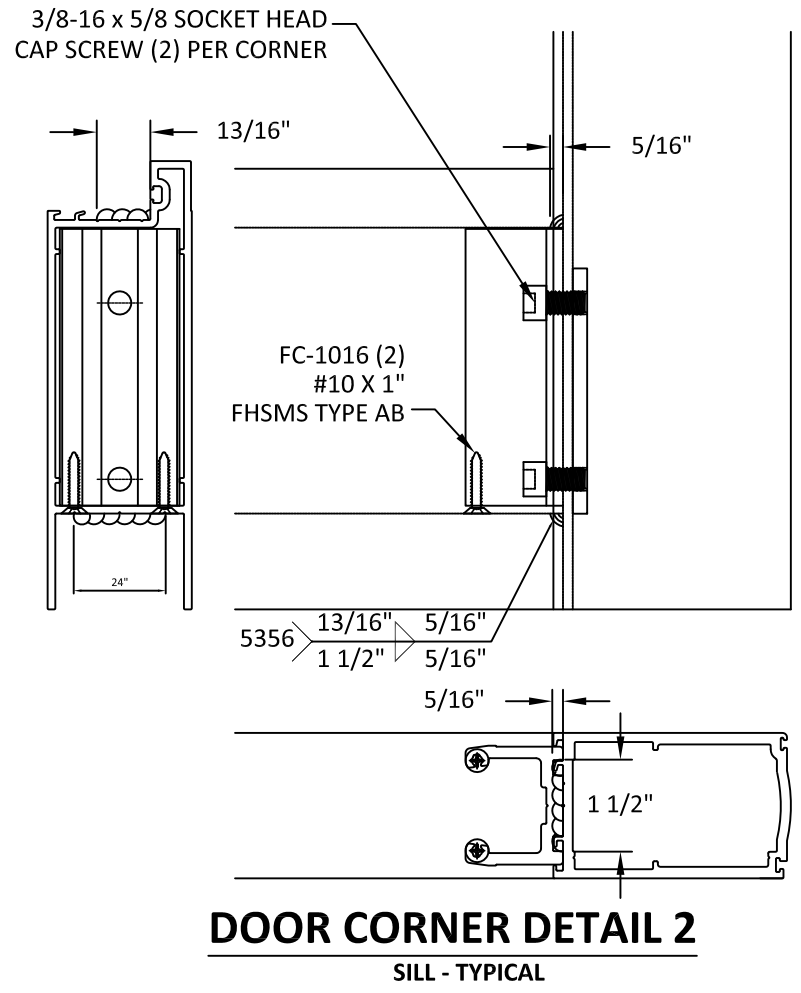
INSTALLATION NOTES:
 A. AT HEAD, USE CLUSTERS OF (3) ANCHORS AT EACH CORNER, SPACED 4 1/2" MAX. FROM CORNERS AND 3" O.C. THEREAFTER.
 B. (DOUBLE DOORS ONLY) AT HEAD, USE CLUSTER OF (8) ANCHORS AT MIDSPAN, SPACED 2" FROM EITHER SIDE OF MIDSPAN AND 3" O.C. THEREAFTER.
 C. AT JAMBS, USE ANCHORS SPACED 5 1/2" MAX. FROM CORNERS AND 9 3/4" MAX. O.C. THEREAFTER.



Z VERTICAL SECTION
11 HEAD - SUBFRAME TO CURTAINWALL



DOOR CORNER DETAIL 1
 HEAD - TYPICAL

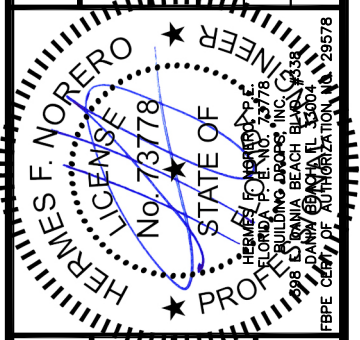


DOOR CORNER DETAIL 2
 SILL - TYPICAL

YKK AP Quality inspires™
 YKK AP AMERICA INC.
 332 FIRETOWER ROAD
 DUBLIN, GEORGIA 31021
 PH: (478) 277-2549 FX: (678) 838-6001

TITLE: SERIES 35H ALUMINUM
 OUTSWING ENTRANCE DOOR
 CURTAINWALL INSTALLATION &
 DOOR CORNER DETAILS
 PREPARED BY:
 BUILDING DROPS, INC.
 398 E. DANIA BEACH BLVD. #338
 DANIA BEACH, FL 33004
 PH: (954) 399-8478 FX: (954) 744-4738

REVISIONS		NO.	DESCRIPTION	BY	DATE
A	KR9954 KEYPED MULLION ADDED	TM	11.7.13		
B	CURTAINWALL SUBFRAME ADD.	TM	2.24.14		



DATE: 02.01.13
 DWN BY: MTJ
 CHK BY: HFN
 SCALE: NTS

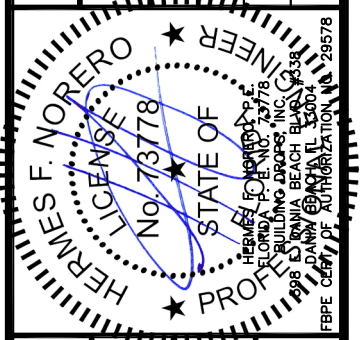
DWG #:
YKK020
 SHEET: 11 OF 18

TITLE: SERIES 35H ALUMINUM
OUTSWING ENTRANCE DOOR
FRAME CORNER DETAILS

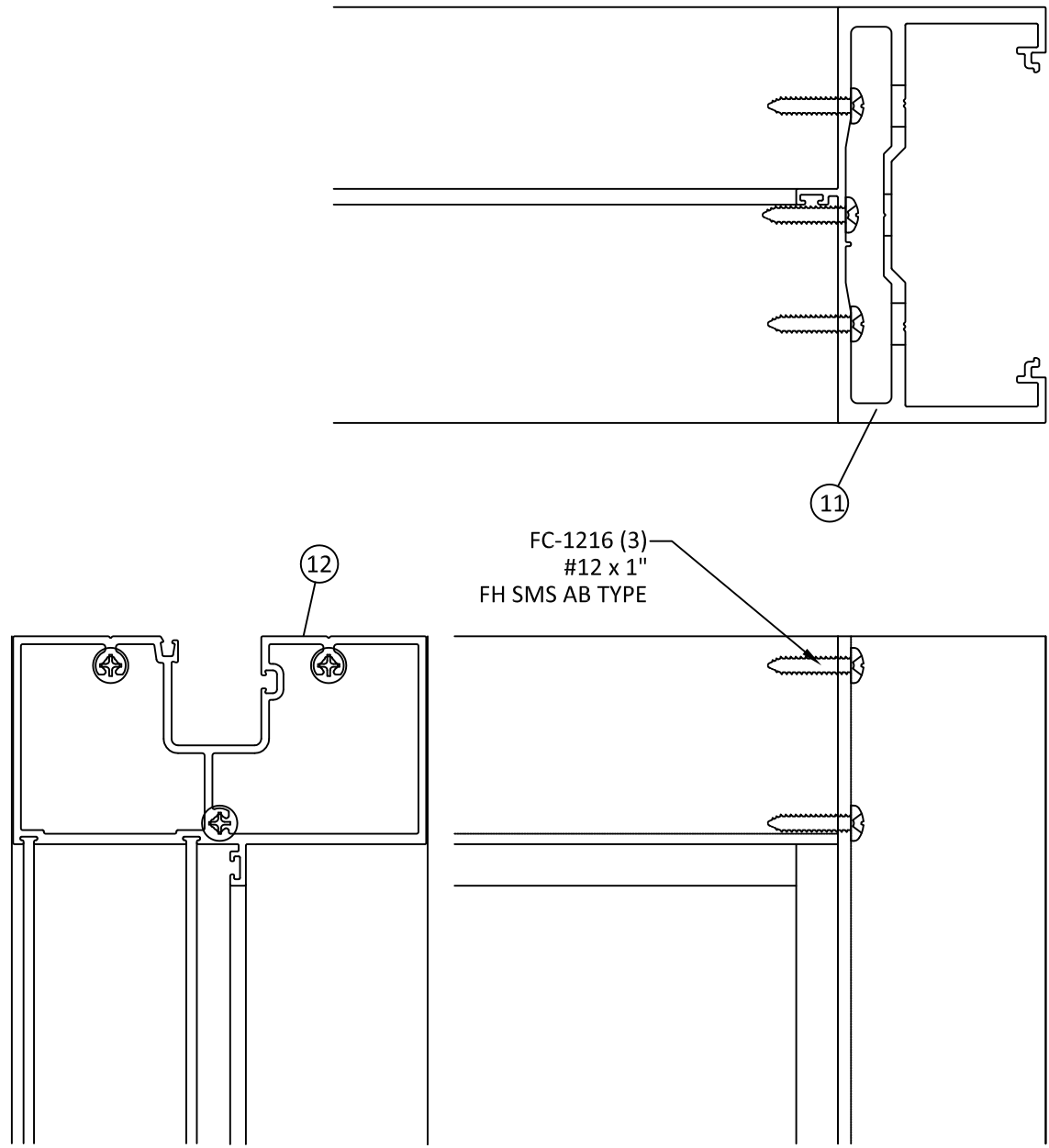
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004

PH: (954) 399-8478 FX: (954) 744-4738

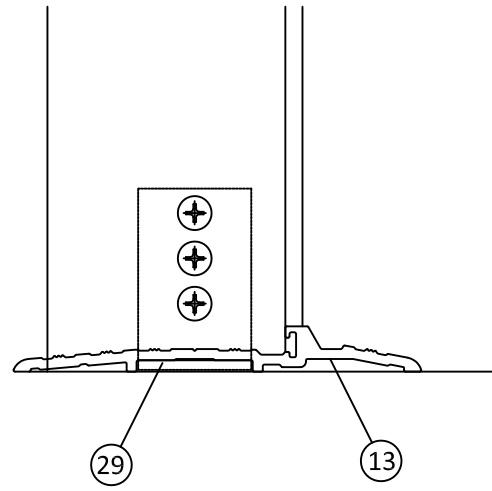
REVISIONS		NO.	DESCRIPTION	BY	DATE
A	KR9954 KEYPED MULLION ADDED	TM	11.7.13		
B	CURTAINWALL SUBFRAME ADD.	TM	2.24.14		



DATE:	02.01.13	DWN BY:	MTJ	CHK BY:	HFN	SCALE:	NTS
DWG #:	YKK020						
SHEET:	12 OF 18						

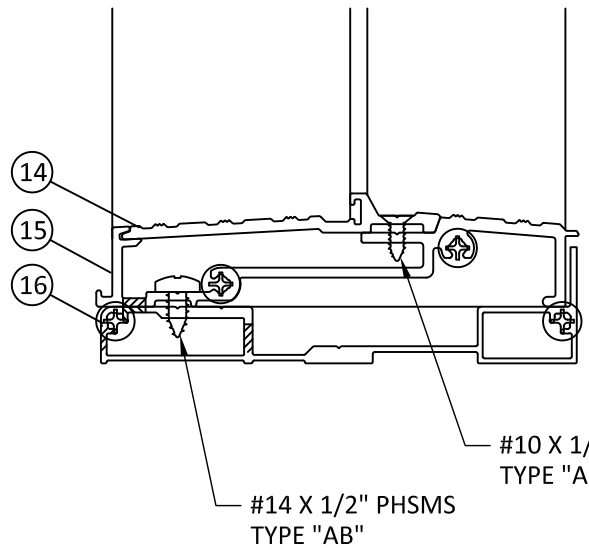
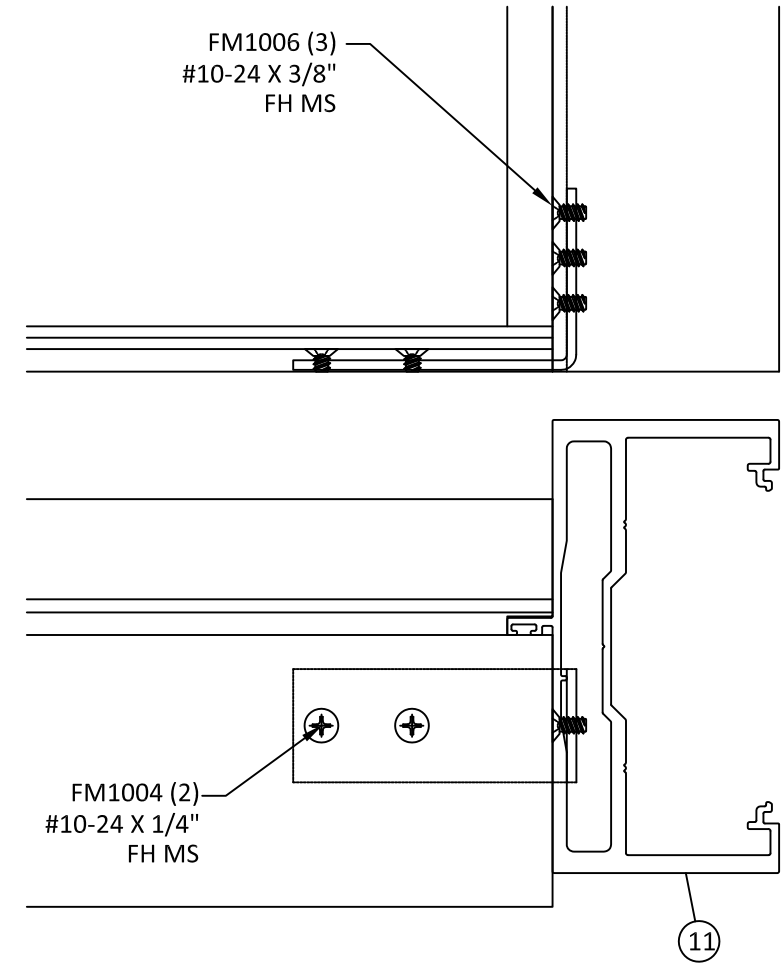


FRAME CORNER DETAIL 1
HEAD - TYPICAL

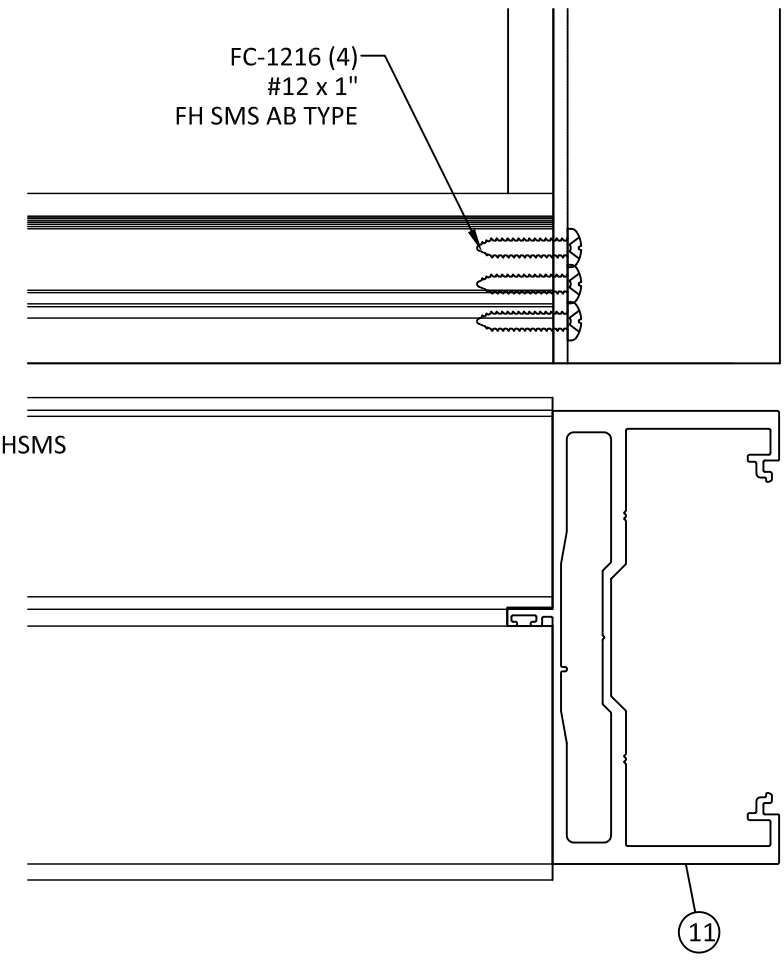


FRAME CORNER DETAIL 2
SILL - 4 1/2" AIR TIGHT THRESHOLD

THRESHOLD CLIP PART NO. 29 (E1-1066) IS NOT REQUIRED IN APPLICATIONS WITH RIXSON PIVOTS OR SINGLE DOORS WITH THE VON DUPRIN 9947 DEVICES.



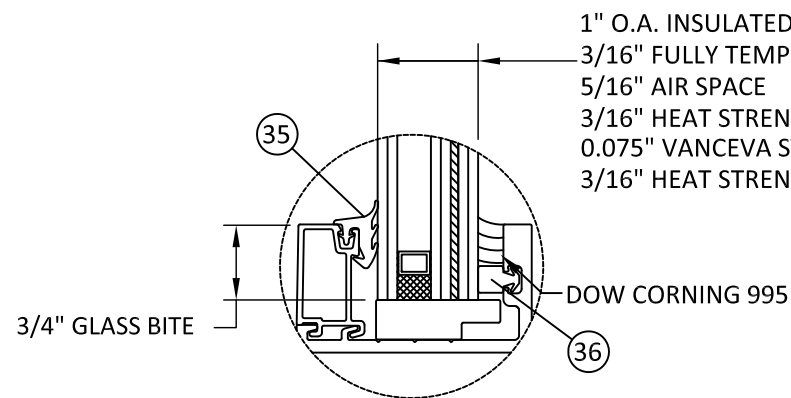
FRAME CORNER DETAIL 3
SILL - AIR AND WATER RESISTANT THRESHOLD



LARGE & SMALL MISSILE IMPACT

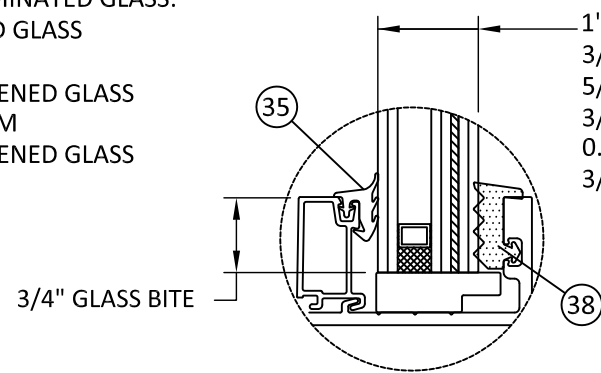


YKK AP AMERICA INC.
332 FIRETOWER ROAD
DUBLIN, GEORGIA 31021
PH: (478) 277-2549 FX: (678) 838-6001



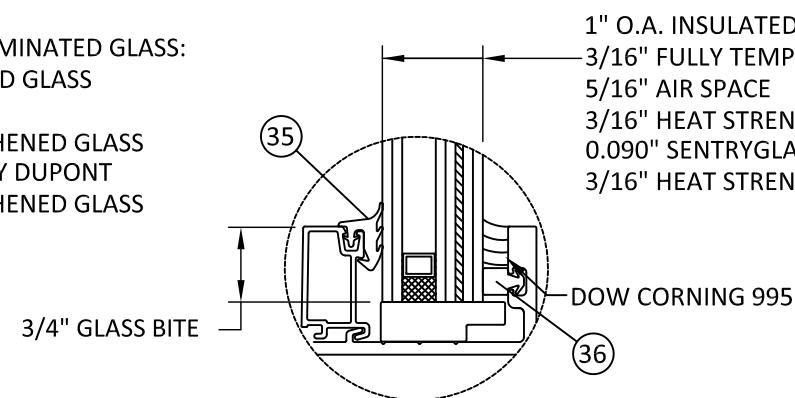
1" O.A. INSULATED LAMINATED GLASS:
3/16" FULLY TEMPERED GLASS
5/16" AIR SPACE
3/16" HEAT STRENGTHENED GLASS
0.075" VANCEVA STORM
3/16" HEAT STRENGTHENED GLASS

GLAZING DETAIL A



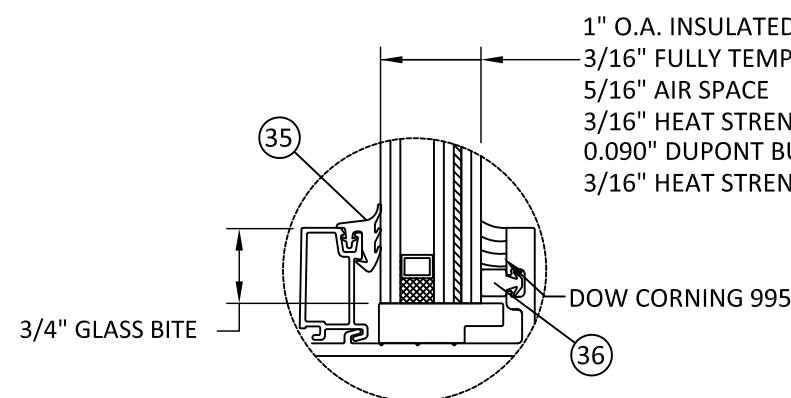
1" O.A. INSULATED LAMINATED GLASS:
3/16" FULLY TEMPERED GLASS
5/16" AIR SPACE
3/16" HEAT STRENGTHENED GLASS
0.090" SENTRYGLAS BY DUPONT
3/16" HEAT STRENGTHENED GLASS

**GLAZING DETAIL B
DRY GLAZED**



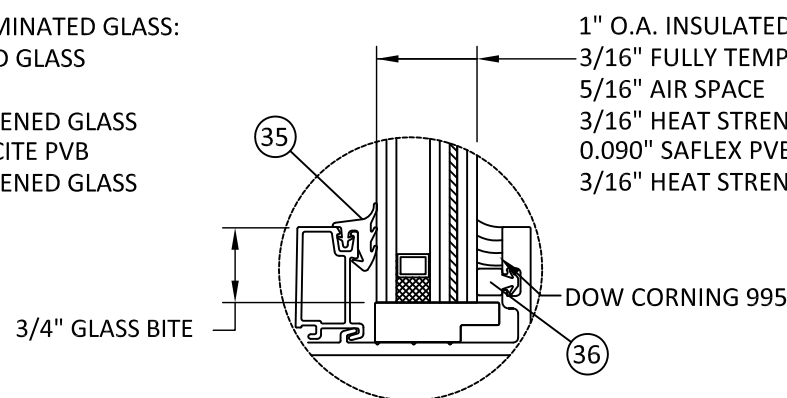
1" O.A. INSULATED LAMINATED GLASS:
3/16" FULLY TEMPERED GLASS
5/16" AIR SPACE
3/16" HEAT STRENGTHENED GLASS
0.090" SENTRYGLAS BY DUPONT
3/16" HEAT STRENGTHENED GLASS

GLAZING DETAIL C



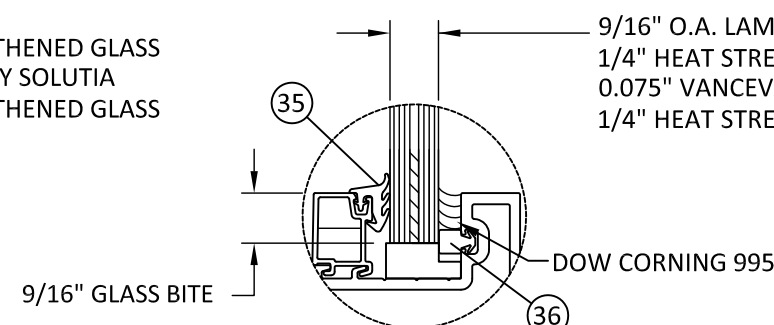
1" O.A. INSULATED LAMINATED GLASS:
3/16" FULLY TEMPERED GLASS
5/16" AIR SPACE
3/16" HEAT STRENGTHENED GLASS
0.090" DUPONT BUTACITE PVB
3/16" HEAT STRENGTHENED GLASS

GLAZING DETAIL D



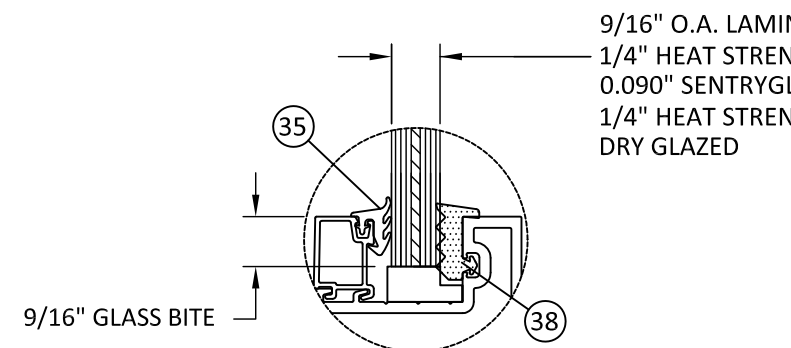
1" O.A. INSULATED LAMINATED GLASS:
3/16" FULLY TEMPERED GLASS
5/16" AIR SPACE
3/16" HEAT STRENGTHENED GLASS
0.090" SAFLEX PVB BY SOLUTIA
3/16" HEAT STRENGTHENED GLASS

GLAZING DETAIL E



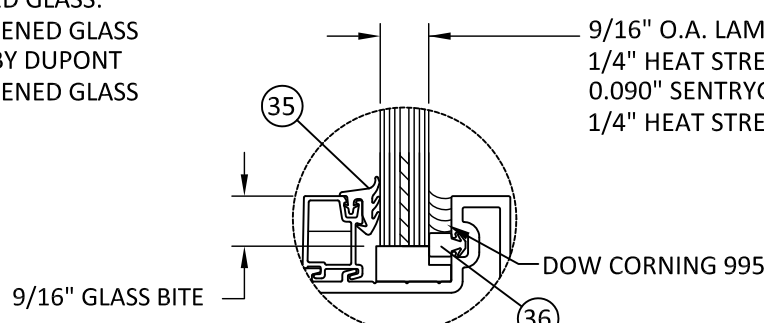
9/16" O.A. LAMINATED GLASS:
1/4" HEAT STRENGTHENED GLASS
0.075" VANCEVA STORM
1/4" HEAT STRENGTHENED GLASS

GLAZING DETAIL A1



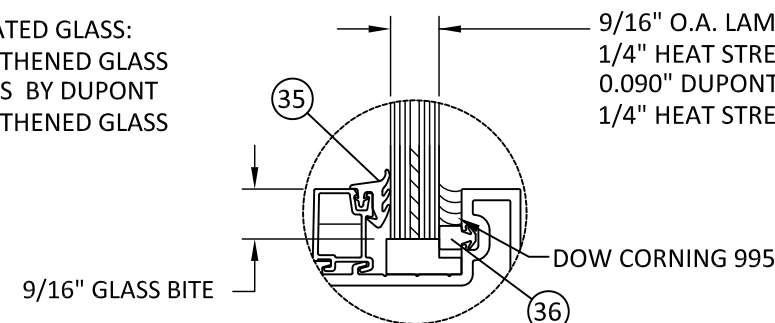
9/16" O.A. LAMINATED GLASS:
1/4" HEAT STRENGTHENED GLASS
0.090" SENTRYGLAS BY DUPONT
1/4" HEAT STRENGTHENED GLASS
DRY GLAZED

**GLAZING DETAIL B1
DRY GLAZED**



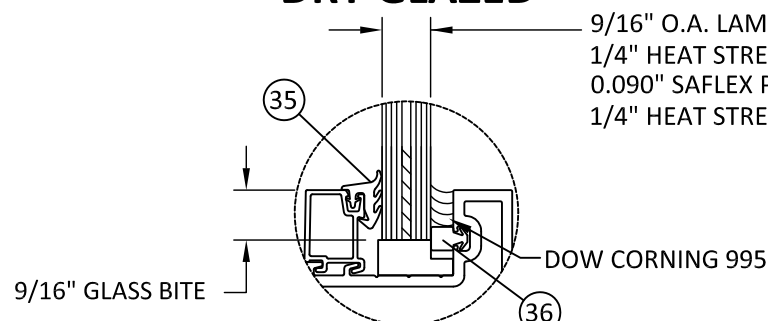
9/16" O.A. LAMINATED GLASS:
1/4" HEAT STRENGTHENED GLASS
0.090" SENTRYGLAS BY DUPONT
1/4" HEAT STRENGTHENED GLASS

GLAZING DETAIL C1



9/16" O.A. LAMINATED GLASS:
1/4" HEAT STRENGTHENED GLASS
0.090" DUPONT BUTACITE PVB
1/4" HEAT STRENGTHENED GLASS

GLAZING DETAIL D1



9/16" O.A. LAMINATED GLASS:
1/4" HEAT STRENGTHENED GLASS
0.090" SAFLEX PVB BY SOLUTIA
1/4" HEAT STRENGTHENED GLASS

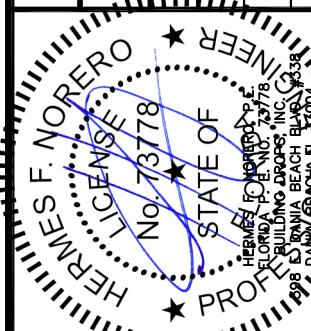
GLAZING DETAIL E1

NOTE:

- A. "AIR SPACE" INDICATED IN GLAZING DETAILS CONSISTS OF:
 - A.1. SPACER: ALUMINUM BOX SPACER AROUND THE PERIMETER OF THE GLASS.
 - A.2. PRIMARY SEALANT: TYPE PIB-29 MANUFACTURED BY ADKO.
 - A.3. SECONDARY SEALANT: TYPE GE-3723 A&B (TWO PART) SILICONE MANUFACTURED BY G.E.
- B. ALL LITES GREATER THAN 36" IN WIDTH SHALL UTILIZE SETTING BLOCKS IN ACCORDANCE WITH CHAPTER 24 OF THE CURRENT FBC.

TITLE: SERIES 35H ALUMINUM
OUTSWING ENTRANCE DOOR
GLAZING DETAILS 1
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

REVISIONS		NO.	DESCRIPTION	BY	DATE
A	KR9954 KEYPED MULLION ADDED	TM	11.7.13		
B	CURTAINWALL SUBFRAME ADD.	TM	2.24.14		
C	5TH EDITION (2014) FBC UPDATE	MS	04.11.15		



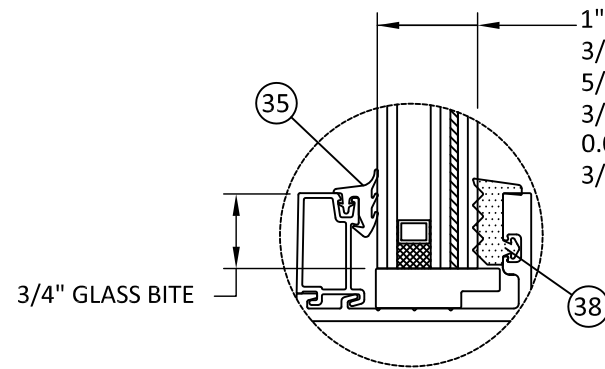
DATE: 02.01.13
DWN BY: MTJ
CHK BY: HFN
SCALE: NTS

DWG #: **YKK020**
SHEET: **13 OF 18**

SMALL MISSILE IMPACT ONLY

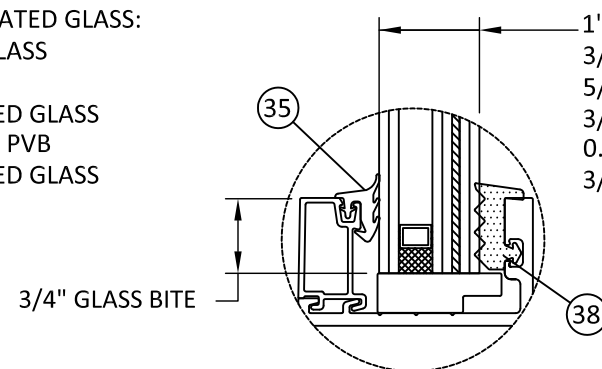


YKK AP AMERICA INC.
332 FIRETOWER ROAD
DUBLIN, GEORGIA 31021
PH: (478) 277-2549 FX: (678) 838-6001



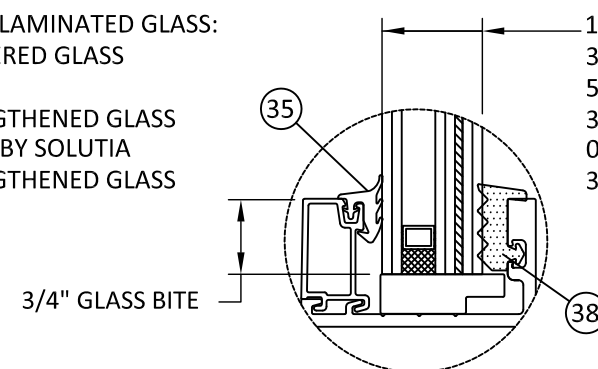
1" O.A. INSULATED LAMINATED GLASS:
3/16" FULLY TEMPERED GLASS
5/16" AIR SPACE
3/16" HEAT STRENGTHENED GLASS
0.060" DUPONT BUTACITE PVB
3/16" HEAT STRENGTHENED GLASS

GLAZING DETAIL F
DRY GLAZED



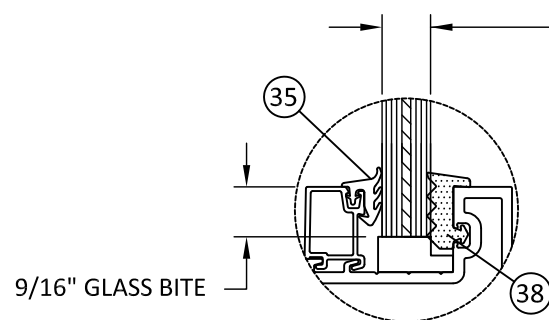
1" O.A. INSULATED LAMINATED GLASS:
3/16" FULLY TEMPERED GLASS
5/16" AIR SPACE
3/16" HEAT STRENGTHENED GLASS
0.060" SAFLEX PVB BY SOLUTIA
3/16" HEAT STRENGTHENED GLASS

GLAZING DETAIL G
DRY GLAZED



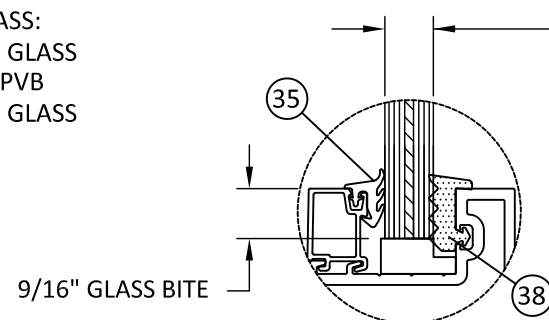
1" O.A. INSULATED LAMINATED GLASS:
3/16" FULLY TEMPERED GLASS
5/16" AIR SPACE
3/16" HEAT STRENGTHENED GLASS
0.035" SENTRYGLAS BY DUPONT
3/16" HEAT STRENGTHENED GLASS

GLAZING DETAIL H
DRY GLAZED



9/16" O.A. LAMINATED GLASS:
1/4" HEAT STRENGTHENED GLASS
0.060" DUPONT BUTACITE PVB
1/4" HEAT STRENGTHENED GLASS

GLAZING DETAIL F1
DRY GLAZED



9/16" O.A. LAMINATED GLASS:
1/4" HEAT STRENGTHENED GLASS
0.060" SAFLEX PVB BY SOLUTIA
1/4" HEAT STRENGTHENED GLASS

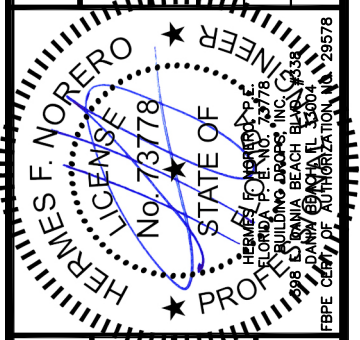
GLAZING DETAIL G1
DRY GLAZED

NOTE:

- A. "AIR SPACE" INDICATED IN GLAZING DETAILS CONSISTS OF:
 - A.1. SPACER: ALUMINUM BOX SPACER AROUND THE PERIMETER OF THE GLASS.
 - A.2. PRIMARY SEALANT: TYPE PIB-29 MANUFACTURED BY ADCO.
 - A.3. SECONDARY SEALANT: TYPE GE-3723 A&B (TWO PART) SILICONE MANUFACTURED BY G.E.
- B. ALL LITES GREATER THAN 36" IN WIDTH SHALL UTILIZE SETTING BLOCKS IN ACCORDANCE WITH CHAPTER 24 OF THE CURRENT FBC.

TITLE: SERIES 35H ALUMINUM
OUTSWING ENTRANCE DOOR
GLAZING DETAILS 2
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

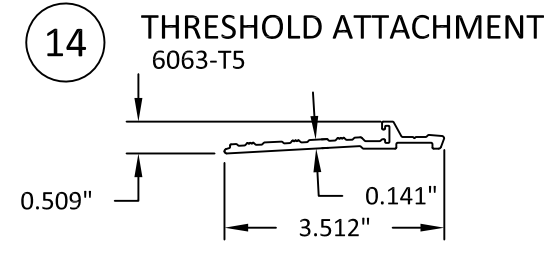
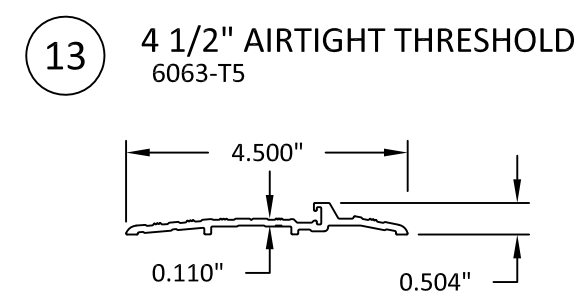
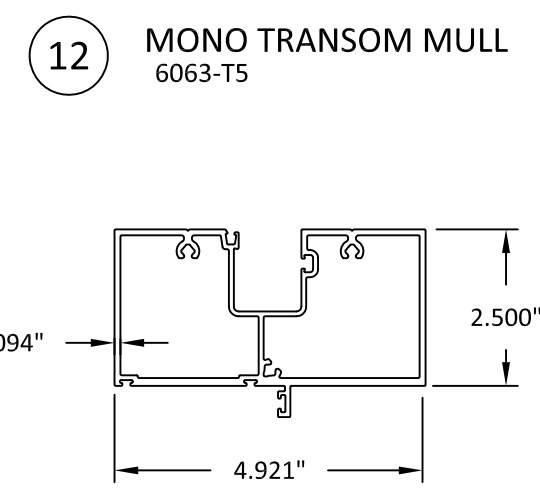
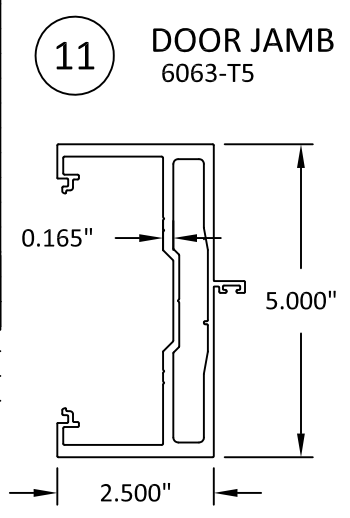
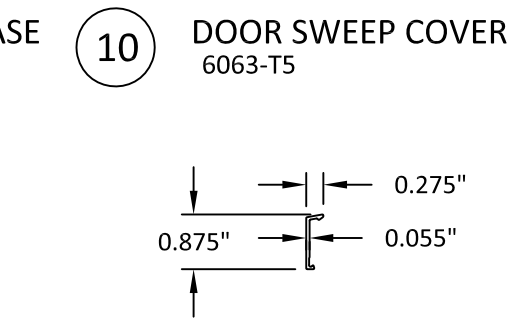
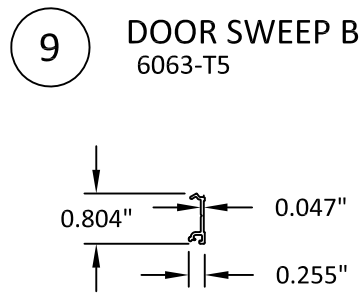
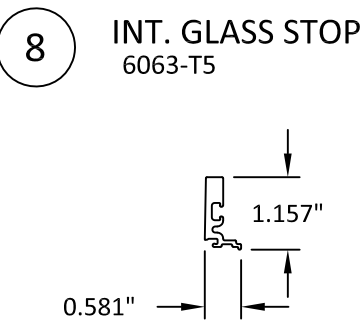
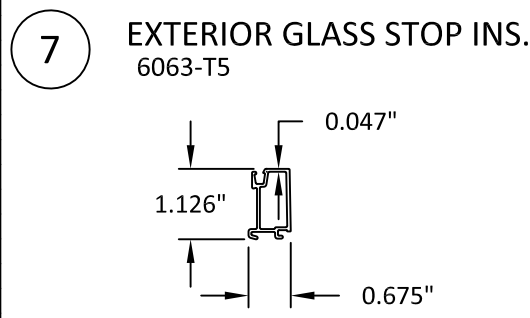
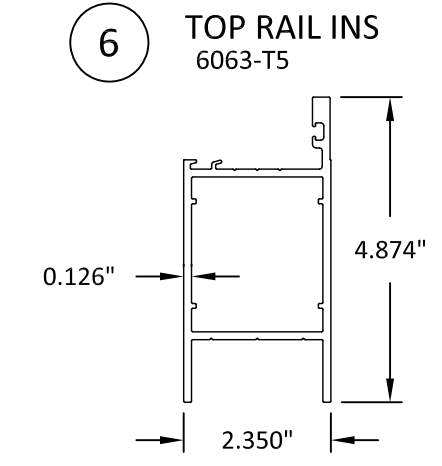
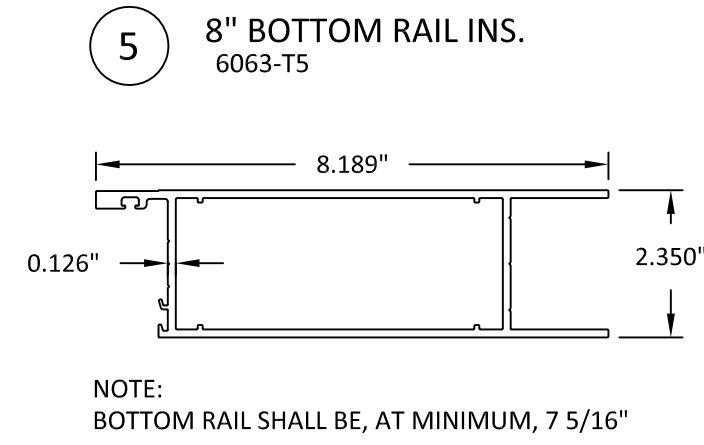
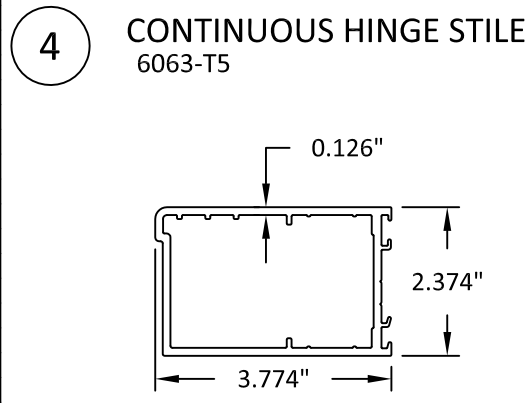
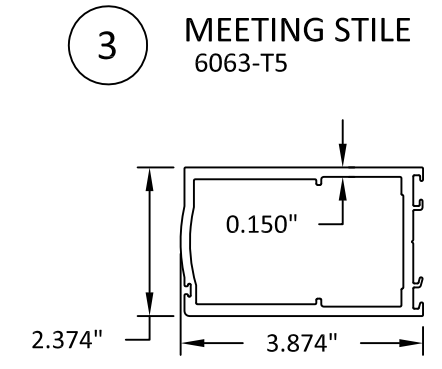
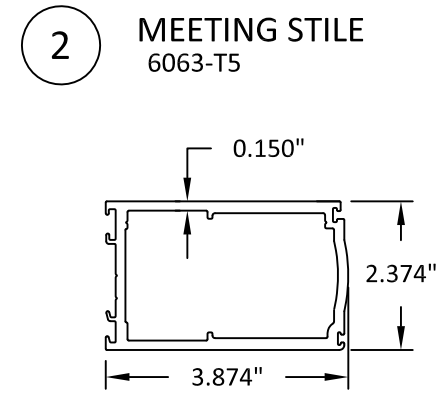
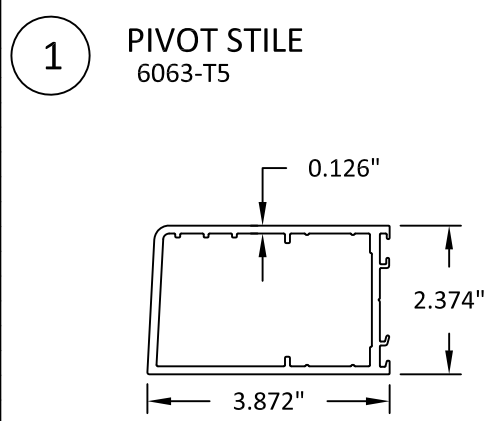
REVISIONS			
NO.	DESCRIPTION	BY	DATE
A	KR9954 KEYED MULLION ADDED	TM	11.7.13
B	CURTAINWALL SUBFRAME ADD.	TM	2.24.14
C	5TH EDITION (2014) FBC UPDATE	MS	04.11.15



DATE: 02.01.13
DWN BY: MTJ
CHK BY: HFN
SCALE: NTS
DWG #: YKK020
SHEET: 14 OF 18

35H DOOR BILL OF MATERIAL

ITEM #	PART #	DESCRIPTION	MATERIAL	MANUFACTURER
1	E9-0222	PIVOT STILE	6063-T5	YKK AP
2	E9-0230	MEETING STILE	6063-T5	YKK AP
3	E9-0223	MEETING STILE	6063-T5	YKK AP
4	E9-0236	CONTINUOUS HINGE STILE	6063-T5	YKK AP
5	E9-0251	8" BOTTOM RAIL INS.	6063-T5	YKK AP
6	E9-0253	TOP RAIL INS.	6063-T5	YKK AP
7	E9-0255	EXTERIOR GLASS STOP INS.	6063-T5	YKK AP
8	E9-0254	INTERIOR GLASS STOP INS.	6063-T5	YKK AP
9	E9-0347	DOOR SWEEP BASE	6063-T5	YKK AP
10	E9-0348	DOOR SWEEP COVER	6063-T5	YKK AP
11	E9-0504	DOOR JAMB	6063-T5	YKK AP
12	E9-0501	MONO. TRANSOM MULL	6063-T5	YKK AP
13	E9-0487	4 1/2" AIRTIGHT THRESHOLD	6063-T5	YKK AP
14	E9-0503	THRESHOLD ATTACHMENT	6063-T5	YKK AP
15	E9-0502	5 5/16" THRESHOLD	6063-T5	YKK AP
16	E9-0619	SILL FLASHING	6063-T5	YKK AP
17	E9-0522	REMOVABLE MULLION	6063-T5	YKK AP
18	E9-0227	SHEAR CLIP	6063-T5	YKK AP
19	E9-0231	LOCK BASE	6063-T5	YKK AP
20	E9-0599	HINGE BACKER	6063-T5	YKK AP
21	E9-0657	FLAT FILLER	6063-T5	YKK AP
22	E1-0311	BACKER PLATE	STEEL	
23	E1-0312	BACKER PLATE	STEEL	
24	E1-0351	JOINT CLIP	6063-T5	YKK AP
25	E1-0353	LOCK BASE	6063-T5	YKK AP
26	E1-0357	HINGE BACK PLATE	6063-T5	YKK AP
27	E1-0381	JOINT CLIP	6063-T5	YKK AP
28	E1-1050	END DAM	6063-T5	YKK AP
29	E1-1055	THRESHOLD CLIP	STEEL	
30	E1-1068	FLAT FILLER	6063-T5	YKK AP
31	E2-0051	AIRTIGHT GASKET	PVC	
32	E2-0062	WEATHERSTRIP	POLYPROPYLENE	
33	E2-0063	SETTING BLOCK	EPDM	
34	E2-0067	DOOR SWEEP GASKET	EPDM	
35	E2-0083	EXTERIOR GASKET	EPDM	
36	E2-0085	SPACER GASKET	PC EPDM	
37	E2-0087	WEATHERSTRIP	POLYPROPYLENE	
38	E2-0088	INTERIOR GASKET	EPDM SPONGE	
39	E2-0093	ASTRAGAL GASKET	SILOCONE	
40	E3-0005	ADJUSTABLE CAP	NYLON	
41	E4-0001	STANDARD LABEL	ALUMINUM	
42	E4-0028	IMPACT LABEL	ALUMINUM	
43	FC-1016	FH SMS	STEEL	
44	SM-3810	SH CAP SCREW	STEEL	
45	E9-0238	BOTTOM RAIL EXT.	6063-T5	YKK AP
46	27HD	CONTINUOUS HINGE		SELECT
47	780-226HD	CONTINUOUS HINGE		HAGAR-ROTON
48	BB1191	BUTT HINGES		HAGAR
49	E9-0601	MONO TRANSOM HEADER	6063-T5	YKK AP
50	E9-0651	I.G. TRANSOM HEADER	6063-T5	YKK AP
51	E9-0520	MONO TRANSOM MULL	6063-T5	YKK AP
52	E9-0521	I.G. TRANSOM MULL	6063-T5	YKK AP
53	E9-0218	TRANSOM DOOR STOP	6063-T5	YKK AP
54	E1-1073	TRANSOM HEAD FILLER	6063-T5	YKK AP
55	E9-0221	7" BOTTOM RAIL MONO	6063-T5	YKK AP
56	E9-0220	TOP RAIL MONO	6063-T5	YKK AP
57	E9-0225	EXT. GLASS STOP MONO	6063-T5	YKK AP
58	E9-0226	INT. GLASS STOP MONO	6063-T5	YKK AP
59	E9-0217	MIDRAIL FILLER	6063-T5	YKK AP
60	E9-0237	PANIC MIDRAIL	6063-T5	YKK AP
61	E9-0501	MONO. TRANSOM MULL	6063-T5	YKK AP
62	E9-0517	I.G. TRANSOM MULL	6063-T5	YKK AP
63	E9-0245	I.G. BOTTOM RAIL EXT.	6063-T5	YKK AP
64	E1-0197	REM. MULL REINF.	STEEL (MIN. A36)	YKK AP
65	E9-3181	CW SUBFRAME - HEAD	6063-T5	YKK AP
66	E8-3180	CW SUBFRAME - JAMBS	6063-T5	YKK AP
67	E9-8344	2 1/2" CROSS RAIL	6063-T5	YKK AP



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YKK AP AMERICA INC.
332 FIRETOWER ROAD
DUBLIN, GEORGIA 31021
PH: (478) 277-2549 FX: (678) 838-6001

TITLE: SERIES 35H ALUMINUM
OUTSWING ENTRANCE DOOR
COMPONENTS & BILL OF MATERIALS

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004

PH: (954) 399-8478 FX: (954) 744-4738

NO.	DESCRIPTION	BY	DATE
		A	KR9954 KEYED MULLION ADDED
B	CURTAINWALL SUBFRAME ADD.	TM	2.24.14

REVISIONS

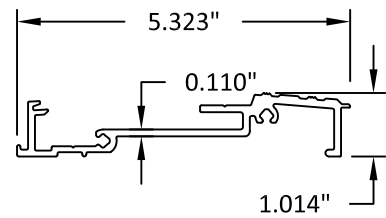
HERMES F. NORERO
LICENSE No. 73778
STATE OF FLORIDA
PROFILER

HERMES F. NORERO
P.E. No. 12778
FLORIDA P.E. No. 12778
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
FBPE CERT. AUTHORIZATION No. 28578

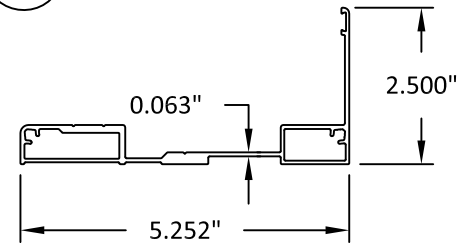
DATE: 02.01.13
DWN BY: MTJ
CHK BY: HFN
SCALE: NTS

DWG #: YKK020
SHEET: 15 OF 18

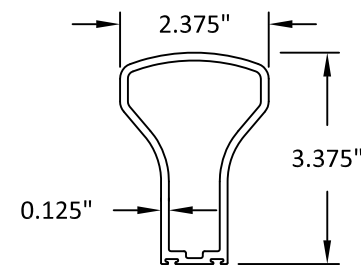
15 5 5/16" THRESHOLD
6063-T5



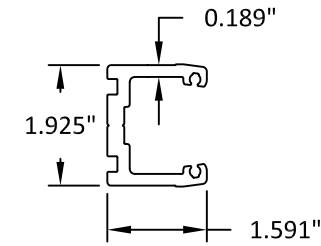
16 SILL FLASHING
6063-T5



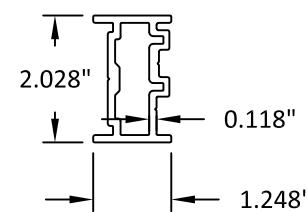
17 REMOVABLE MULLION
6063-T5
TYPICAL WALL THICKNESS: .125"



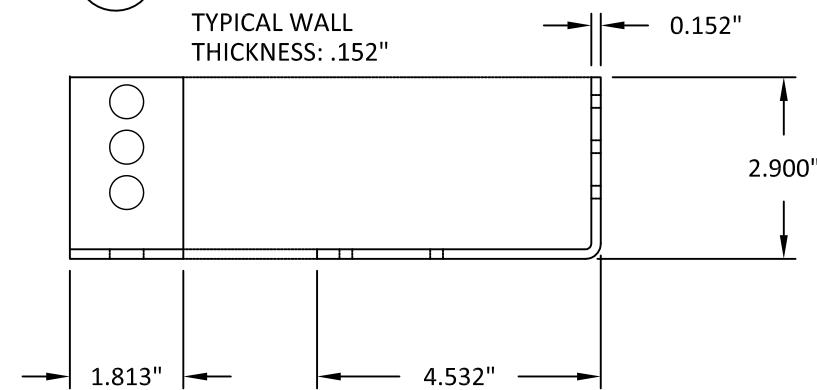
18 SHEAR CLIP
6063-T5
TYPICAL WALL THICKNESS: .189"



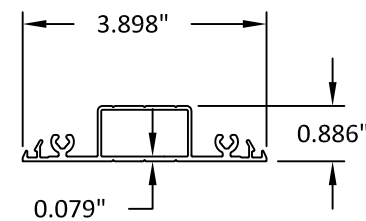
19 LOCK BASE
6063-T5
TYPICAL WALL THICKNESS: .118"



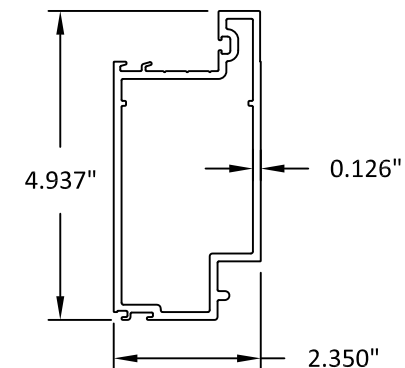
29 THRESHOLD CLIP
STEEL
TYPICAL WALL THICKNESS: .152"



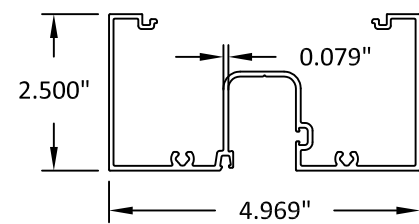
30 FLAT FILLER
6063-T5



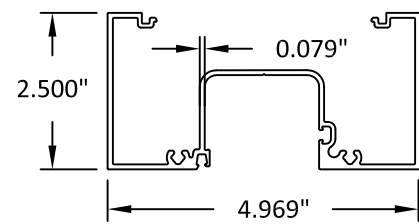
45 BOTTOM RAIL EXTENSION
6063-T5



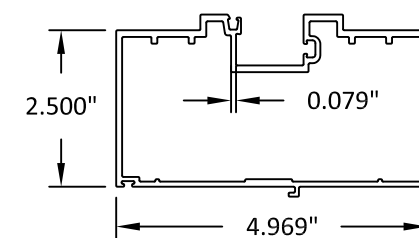
49 MONO TRANS. HEADER
6063-T5



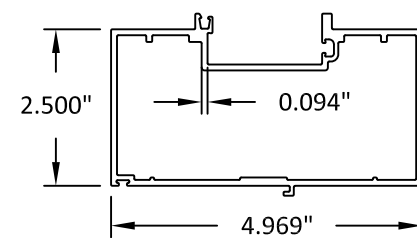
50 I.G. TRANS. HEADER
6063-T5



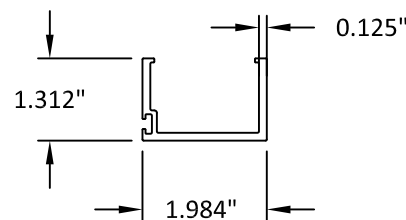
51 MONO TRANSOM MULL
6063-T5



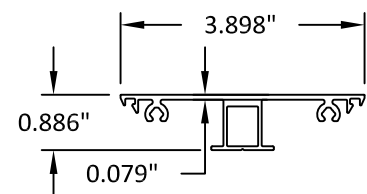
52 I.G. TRANSOM MULL
6063-T5



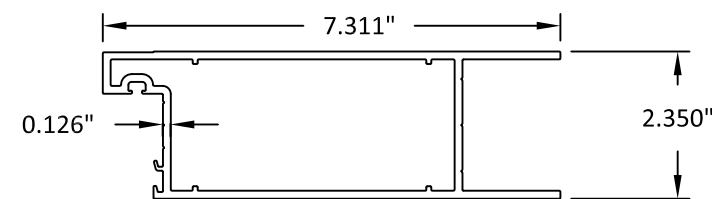
53 TRANSOM DOOR STOP
6063-T5



54 TRANSOM HEAD FILLER
6063-T5

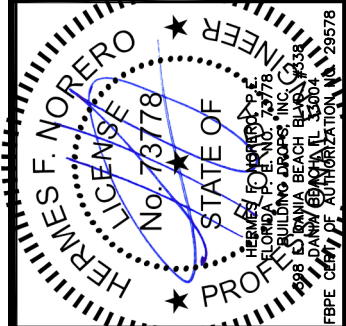


55 7" BOTTOM RAIL MONO.
6063-T5



TITLE: SERIES 35H ALUMINUM
OUTSWING ENTRANCE DOOR
COMPONENTS (1)
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

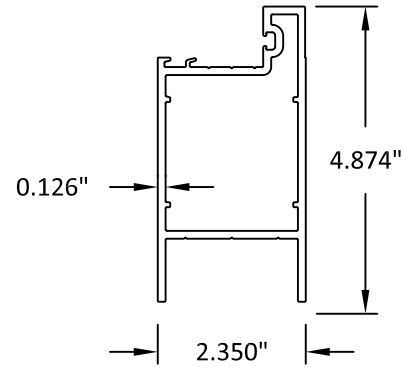
REVISIONS		NO.	DESCRIPTION	BY	DATE
A	KR9954 KEYPED MULLION ADDED	TM	11.7.13		
B	CURTAINWALL SUBFRAME ADD.	TM	2.24.14		



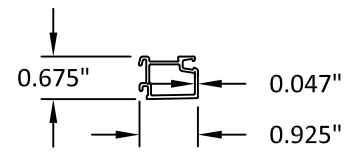
DATE: 02.01.13
DWN BY: MTJ
CHK BY: HFN
SCALE: NTS

DWG #: **YKK020**
SHEET: **16 OF 18**

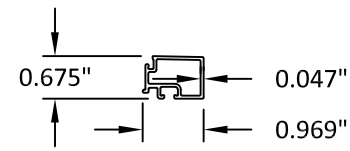
56 TOP RAIL - MONO.
6063-T5



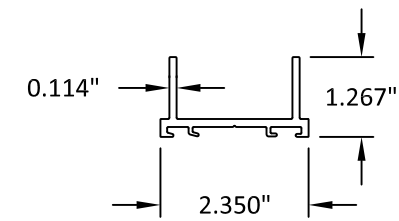
57 EXT. GLASS STOP-MONO.
6063-T5



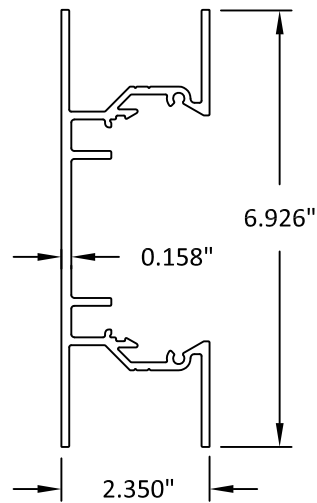
58 INT. GLASS STOP-MONO.
6063-T5



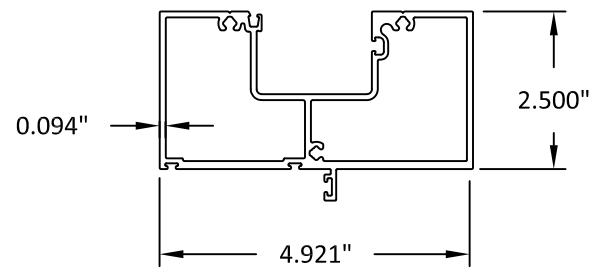
59 MIDRAIL FILLER
6063-T5



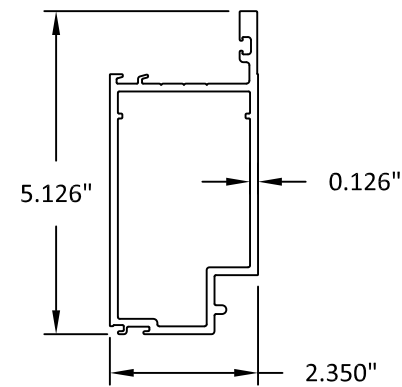
60 PANIC MIDRAIL
6063-T5



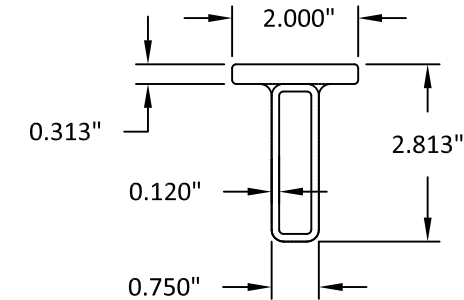
62 I.G. TRANSOM MULL
6063-T5



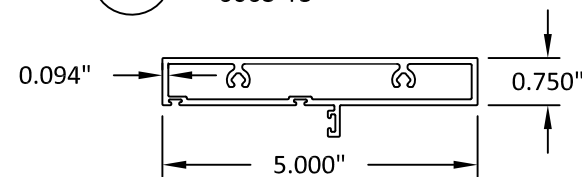
63 I.G. BOTTOM RAIL EXT.
6063-T5



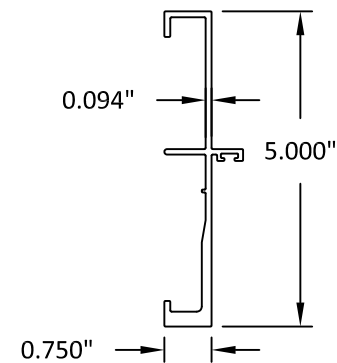
64 REMOVABLE MULL REINFORCEMENT
STEEL



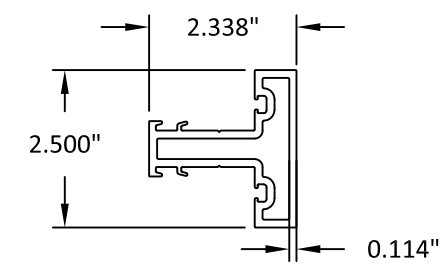
65 CW SUBFRAME - HEAD
6063-T5



66 CW SUBFRAME - JAMBS
6063-T5



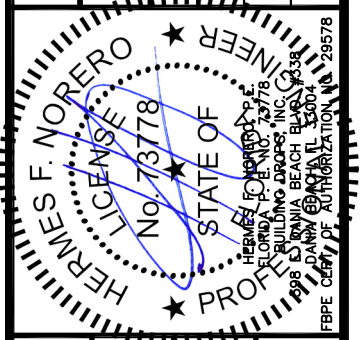
67 2 1/2" CROSS RAIL
6063-T5



YKK AP AMERICA INC.
332 FIRETOWER ROAD
DUBLIN, GEORGIA 31021
PH: (478) 277-2549 FX: (678) 838-6001

TITLE: SERIES 35H ALUMINUM
OUTSWING ENTRANCE DOOR
COMPONENTS (2)
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

REVISIONS		NO.	DESCRIPTION	BY	DATE
A	KR9954 KEYED MULLION ADDED	TM	11.7.13		
B	CURTAINWALL SUBFRAME ADD.	TM	2.24.14		



DATE: 02.01.13
DWN BY: MTJ
CHK BY: HFN
SCALE: NTS

DWG #:
YKK020
SHEET: 17 OF 18