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INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. 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.
4. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
5. FOR INSTALLATION INTO WOOD FRAMING USE #14 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
6. 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.
7. FOR INSTALLATION THROUGH METAL STUD USE 1/4 INCH DIAMETER SELF-DRILLING SCREWS, GR. 5 OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND METAL FRAME SUBSTRATE.
8. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
9. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- 10.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.
- 11.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.
- 12.INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.

B. CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.

C. MASONRY - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C476, MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000 PSI.

D. STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM 18 GA. WALL THICKNESS.

E. ALUMINUM - MINIMUM 1/8 INCH THICK, 6063-T5 ALUMINUM.
- 13.INSTALLATION SHALL FOLLOW MANUFACTURERS RECOMMENDATIONS FOR SEALING WINDOWS AND ACCESSORY ITEMS.

YKK AP AMERICA, INC.

YSW 400T HORIZONTAL SLIDING WINDOW

(NON-HVHZ) (NON-IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:

AAMA/WDMA/CSA 101/I.S.2/A440-11
2. 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.
3. 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.
4. 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.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN WIND ZONES 3 OR LESS.
6. WINDOW FRAME MATERIAL: ALUMINUM 6063-T5
7. DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED IN ACCORDANCE WITH THE FBC.
8. GLASS SHALL MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 6 FOR GLAZING DETAILS.
9. GLAZING SELECTION SHALL MEET SAFETY GLAZING REQUIREMENTS OF THE FBC.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	INSTALLATION & GENERAL NOTES
2	ELEVATIONS
3	ANCHOR LAYOUTS
4	VERTICAL SECTIONS
5	HORIZONTAL SECTIONS
5A	OPTIONAL ANCHORING
6	GLAZING DETAILS
7	COMPONENTS
8	BILL OF MATERIALS

PRODUCT (CONFIGURATION)	MAX OVERALL SIZE		DESIGN PRESSURE	IMPACT RATING
	WIDTH	HEIGHT		
OX	99"	79"	+/-40 PSF	NON-IMPACT
OXO	148.5"	79"		
XOX	168"	79"		



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TITLE: YSW 400T HORIZONTAL
SLIDING WINDOW
(NON-HVHZ) (NON-IMPACT)
INSTALLATION & GENERAL NOTES

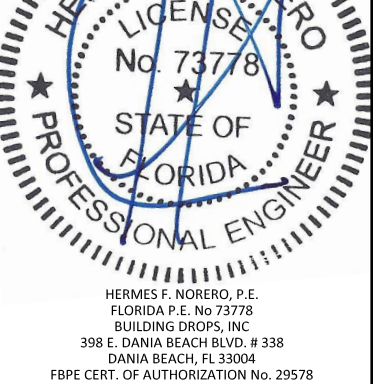
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
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REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero
Reason: I am approving this document
Date: 2020.08.27.17:20:30 -0400



FL #:
FL11369

DATE: **08.07.17**

DWG. BY: **RV**CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **YKK214**

SHEET:
1
[SHEET 1 OF 9]



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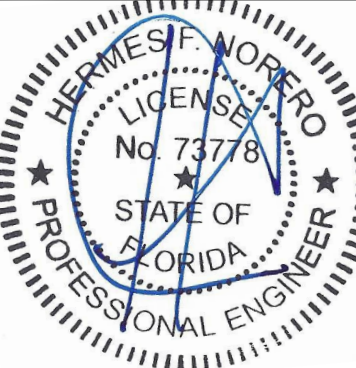
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SLIDING WINDOW
(NON-HVHZ) (NON-IMPACT)
ELEVATIONS

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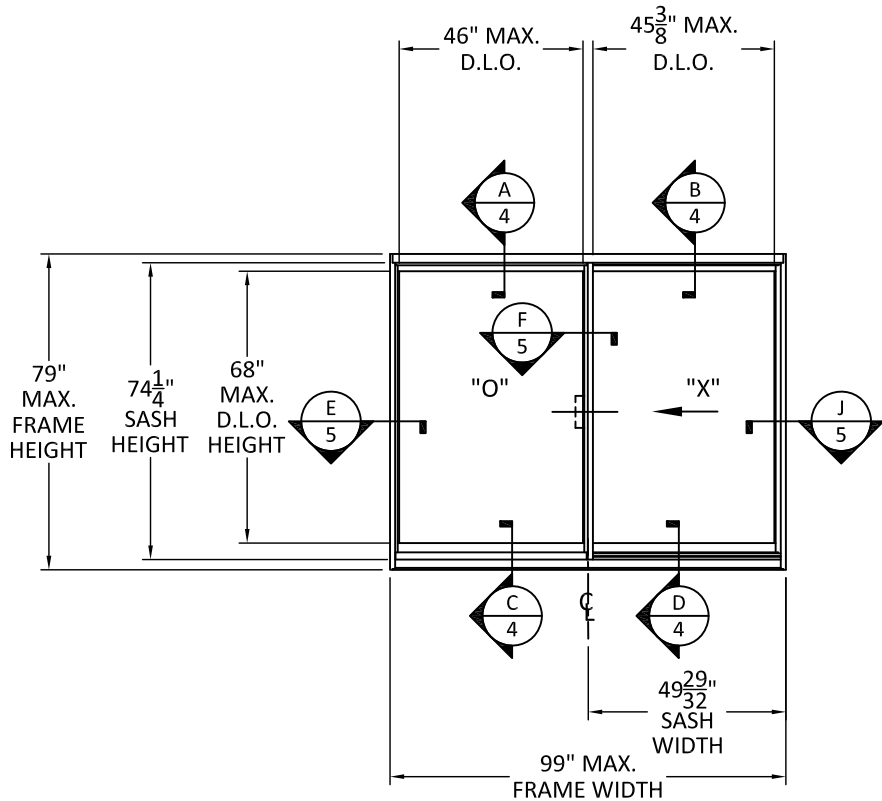
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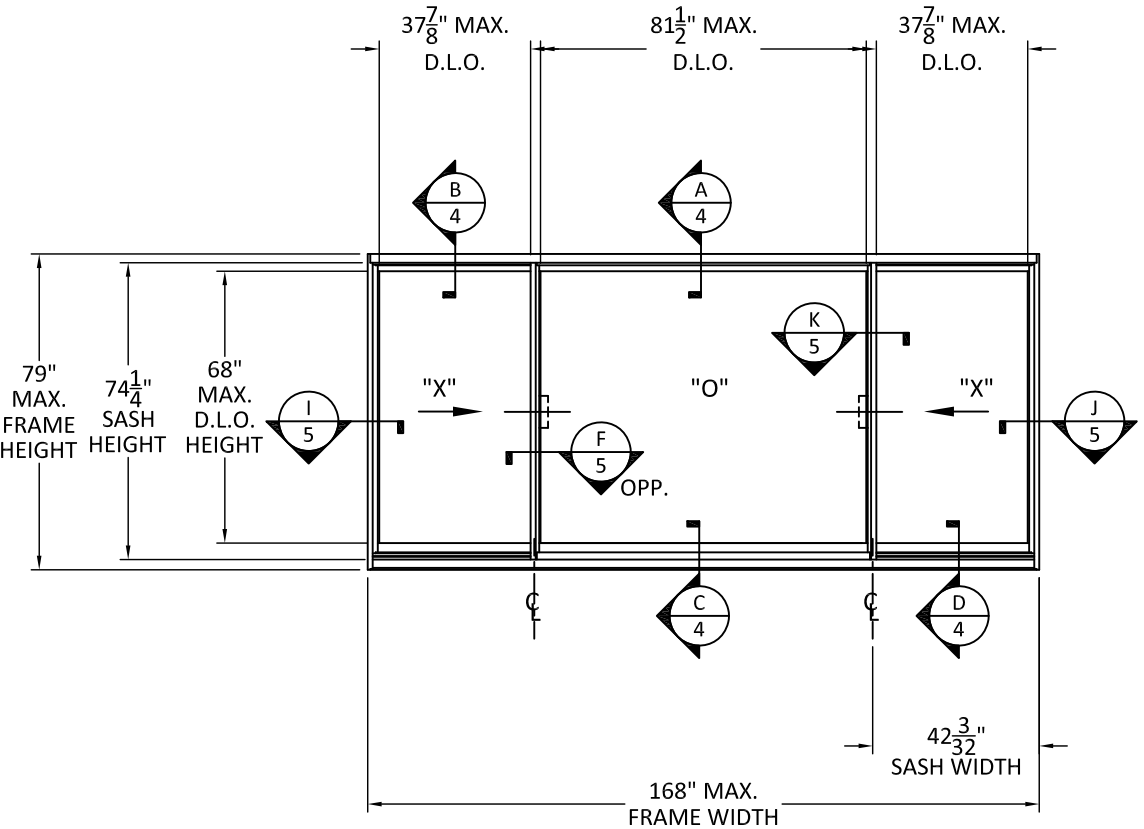


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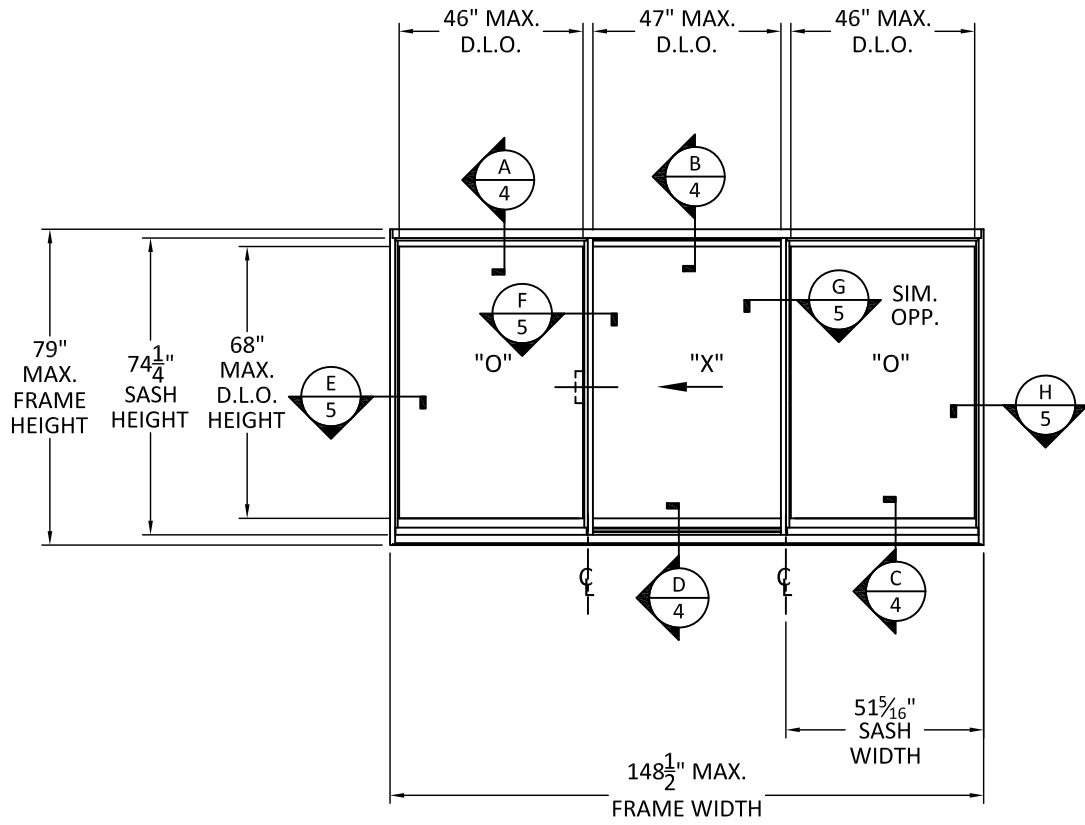
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SHEET:	2



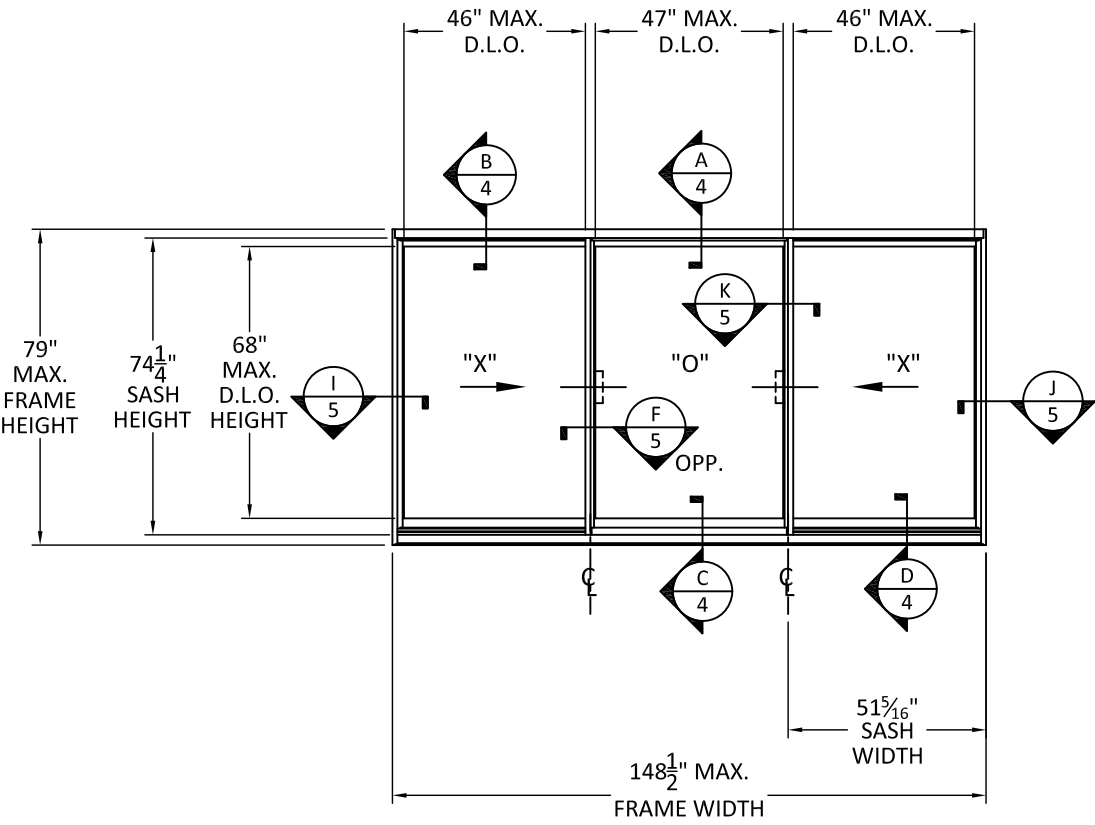
ELEVATION
OX (XO SIMILAR)



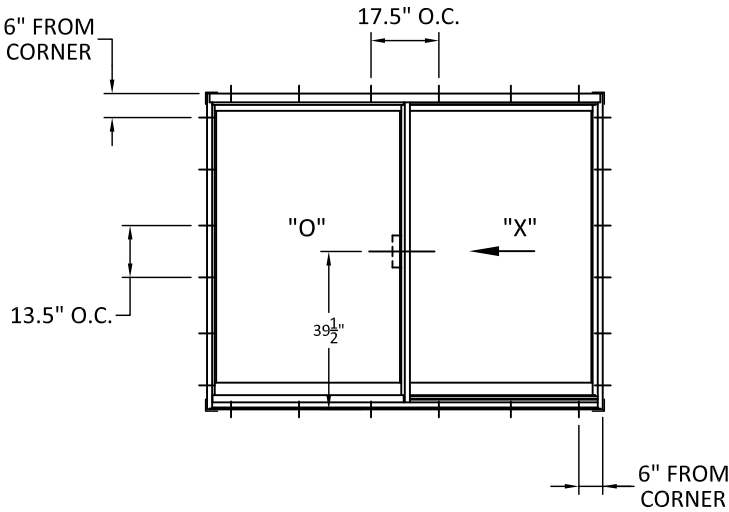
ELEVATION
XOX (1/4 x 1/2 x 1/4)



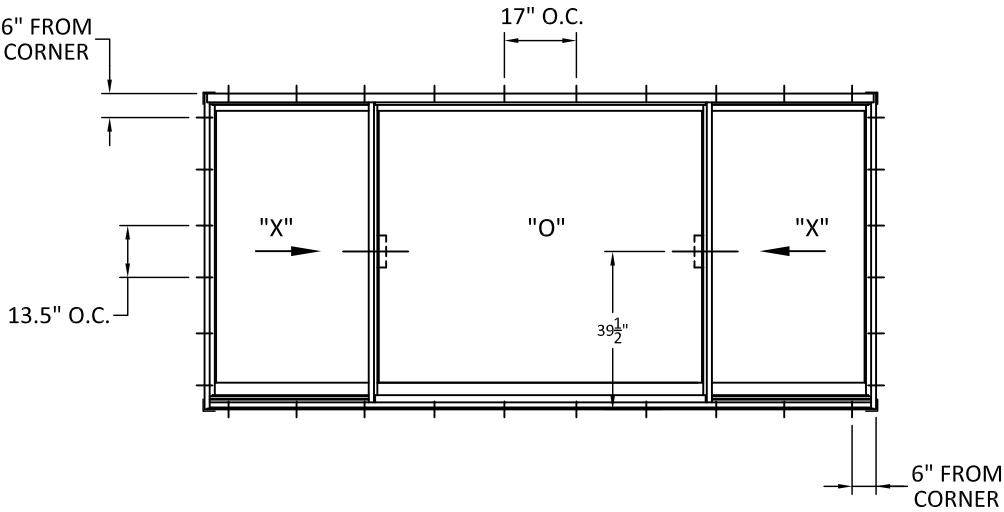
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OXO (1/3 x 1/3 x 1/3)



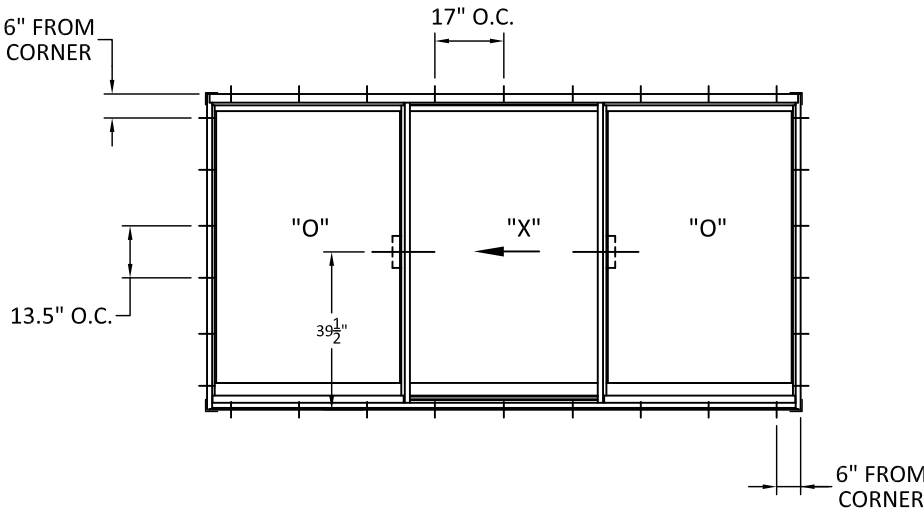
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XOX (1/3 x 1/3 x 1/3)



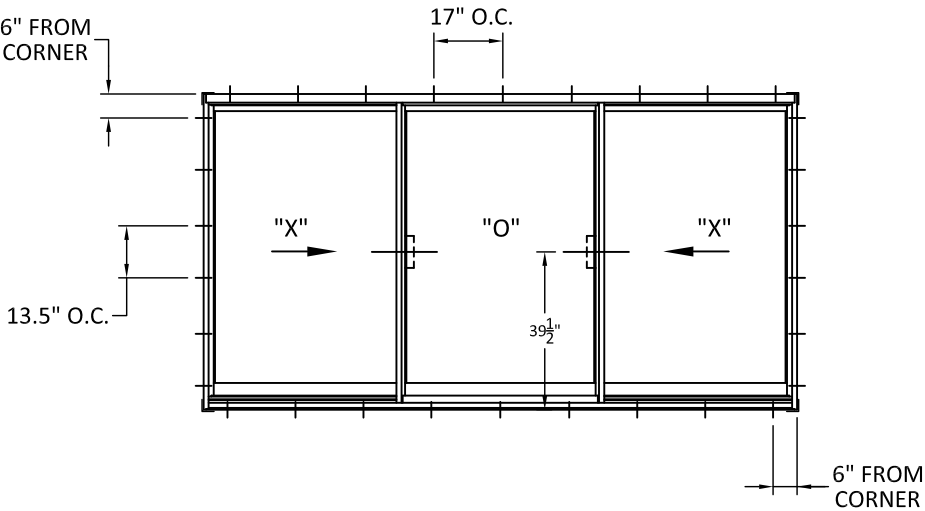
ANCHOR LAYOUT
OX (XO SIMILAR)



ANCHOR LAYOUT
XOX (1/4 x 1/2 x 1/4)



ANCHOR LAYOUT
OXO (1/3 x 1/3 x 1/3)



ANCHOR LAYOUT
XOX (1/3 x 1/3 x 1/3)



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SLIDING WINDOW
(NON-HVHZ) (NON-IMPACT)

ANCHOR LAYOUTS

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CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK214
SHEET:	3

TITLE: YSW 400T HORIZONTAL
SLIDING WINDOW
(NON-HVHZ) (NON-IMPACT)

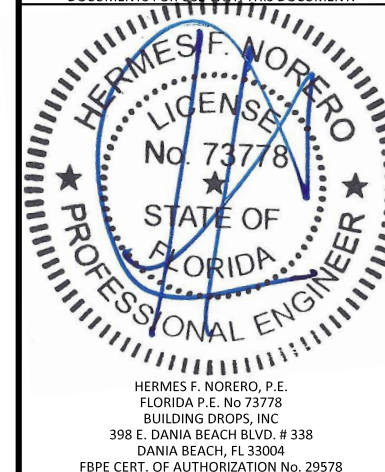
VERTICAL SECTIONS

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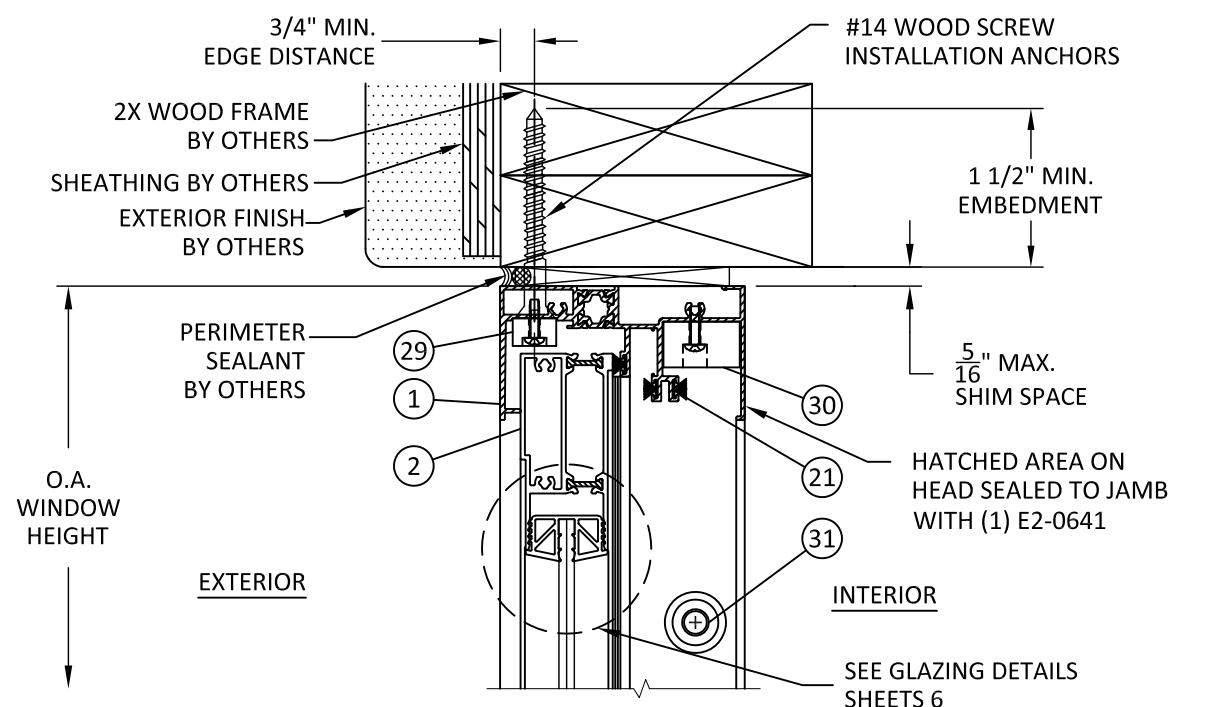
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CHK. BY:
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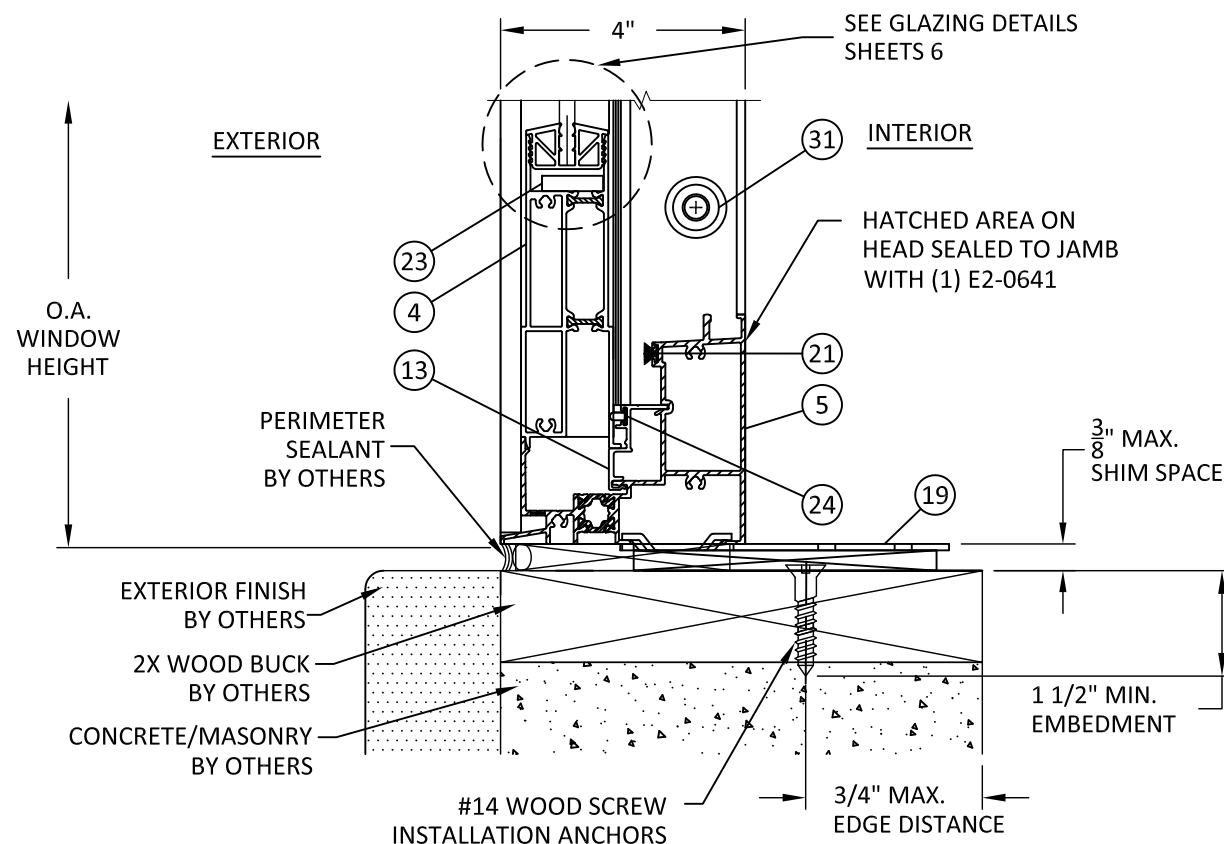
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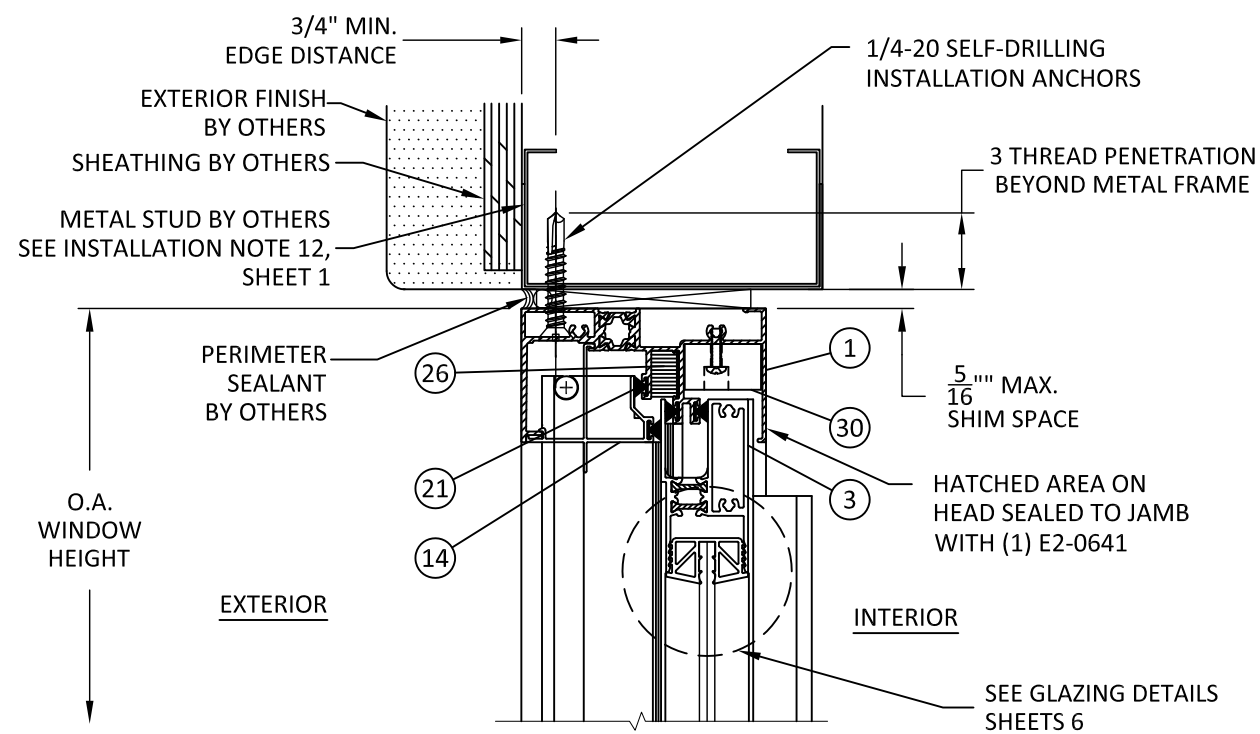
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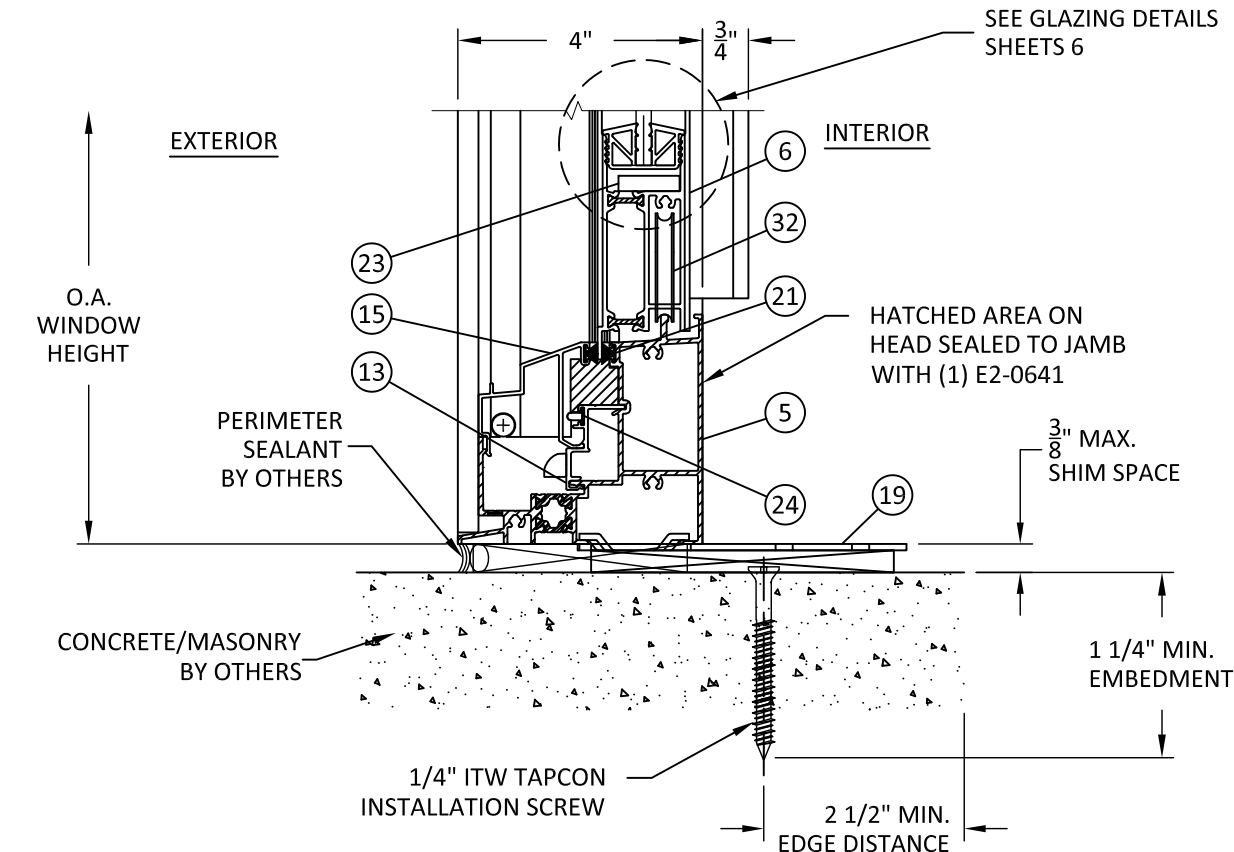
A
4 **VERTICAL SECTION**
FIXED HEAD - 2X WOOD FRAME



C
4 **VERTICAL SECTION**
FIXED SILL - 2X WOOD BUCK
TWIST ANCHOR - TYP.



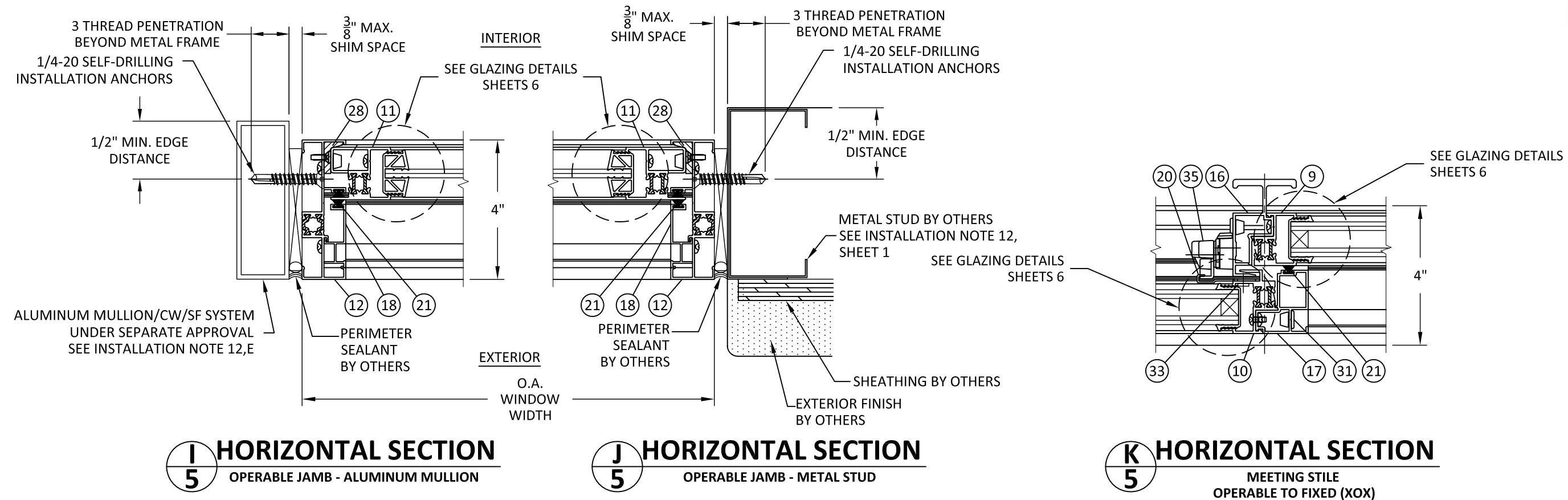
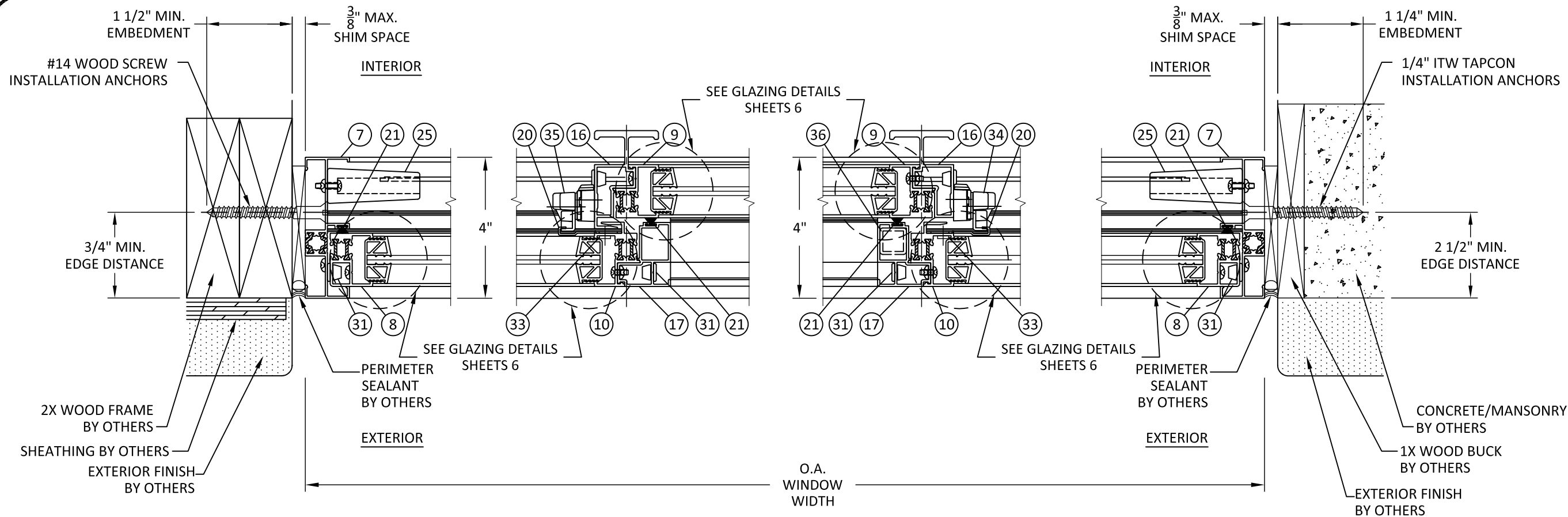
B
4 **VERTICAL SECTION**
OPERABLE HEAD - METAL STUD



D
4 **VERTICAL SECTION**
OPERABLE SILL - CONCRETE/MASONRY
TWIST ANCHOR - TYP.

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TITLE: YSW 400T HORIZONTAL
SLIDING WINDOW
(NON-HVHZ) (NON-IMPACT)

HORIZONTAL SECTIONS

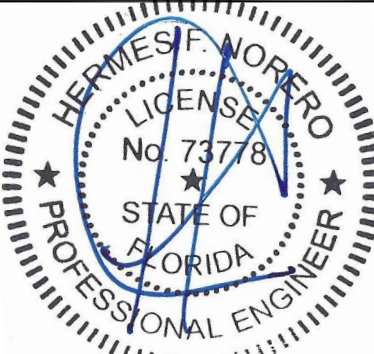
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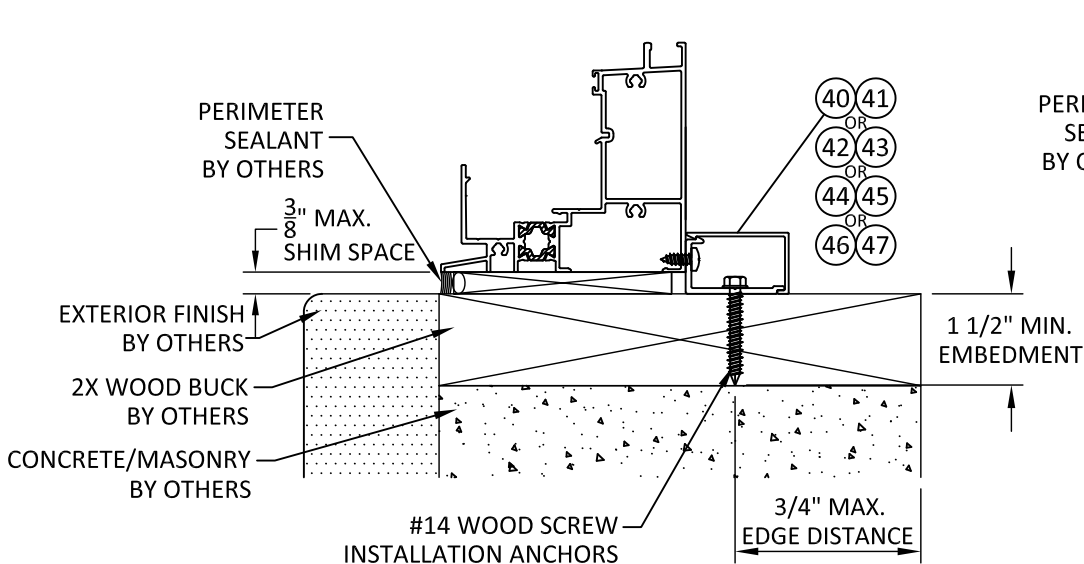
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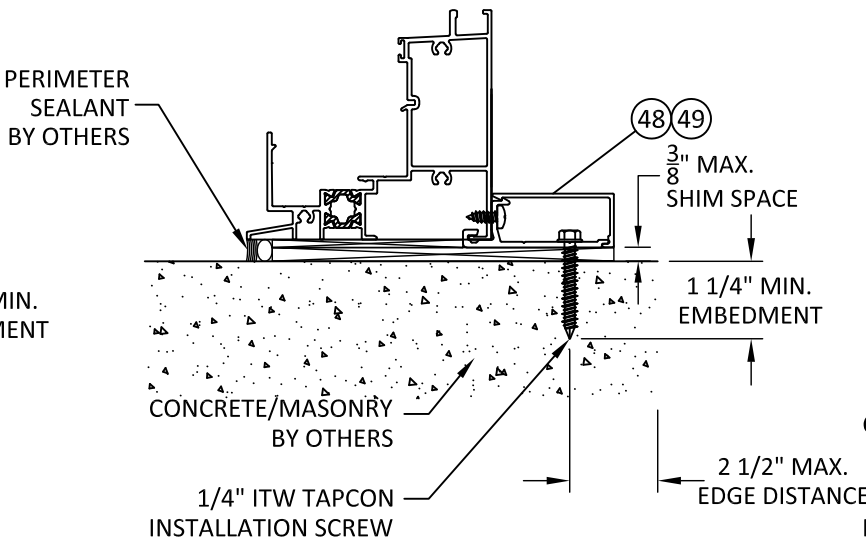
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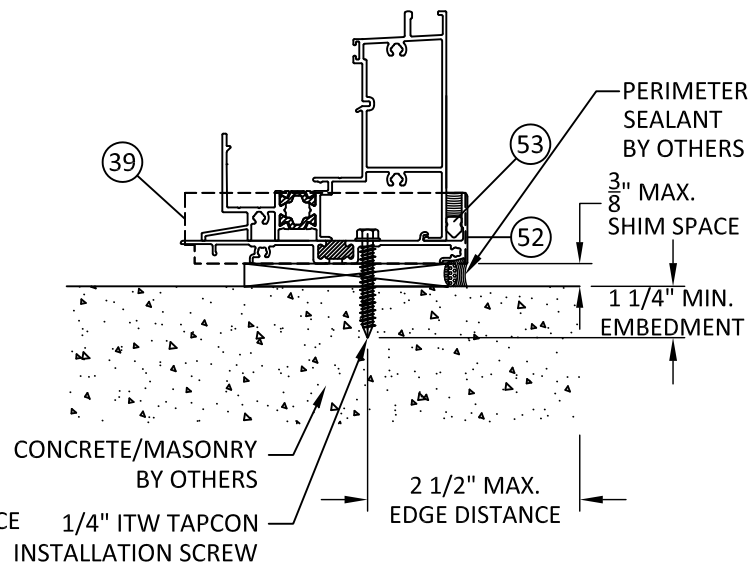
OPTIONAL ANCHORING METHOD



L
5A **VERTICAL SECTION**
TRIM CLIP ANCHOR - 2X WOOD BUCK
HEAD, SILL & JAMB TYP.



M
5A **VERTICAL SECTION**
CLIP ANCHOR - CONCRETE/MASONRY
HEAD, SILL & JAMB TYP.



N
5A **VERTICAL SECTION**
SILL PLASHING - CONCRETE/MASONRY
HEAD, SILL & JAMB TYP.



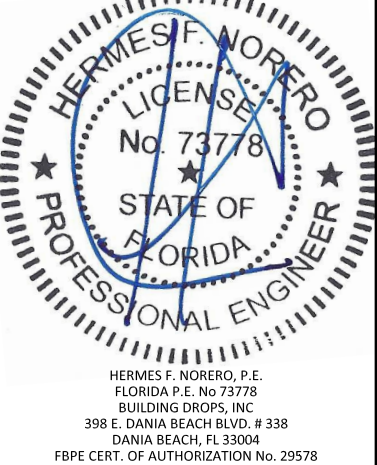
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OPTIONAL ANCHORING

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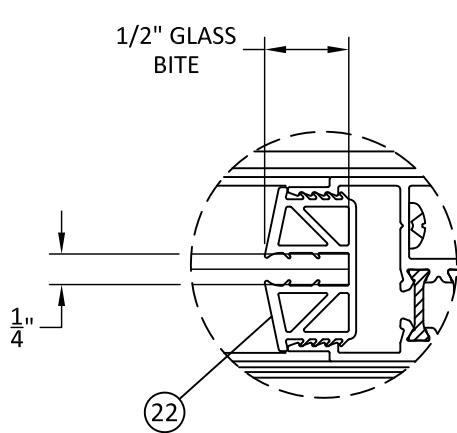
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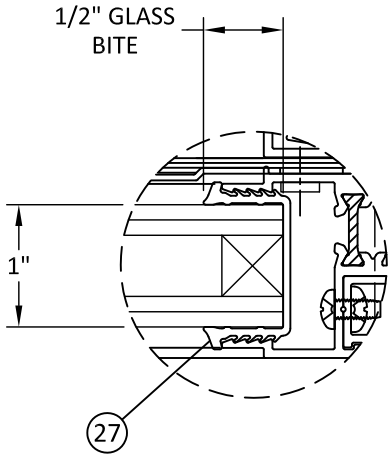
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SHEET:
5A
[SHEET 6 OF 9]

GLAZING OPTIONS



GLAZING DETAIL A



GLAZING DETAIL B

- NOTES:
- 1. GLASS THICKNESS AND TYPE SHALL COMPLY WITH ASTM E 1300 GLASS CHART REQUIREMENTS.
 - 2. ALL GLAZING CONFIGURATIONS SHALL COMPLY WITH SAFETY GLAZING REQUIREMENTS OUTLINED IN THE FBC.
 - 3. ALL LITES GREATER THAN 36" IN WIDTH SHALL UTILIZE SETTING BLOCKS IN ACCORDANCE WITH THE FBC. CH. 24
 - 4. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.
 - 5. FOR INSTALLATION ABOVE 30 FT. ABOVE GRADE IN AREAS REQUIRING IMPACT RESISTANCE, ALL UNITS MUST BE SAFETY GLAZED OR COVERED BY AN IMPACT PROTECTIVE SYSTEM PER FBC CHAPTER 24.

ALUMINUM BOX SPACER:
AROUND THE PERIMETER OF THE GLASS

PRIMARY SEALANT:
POLYISOBUTYLENE (PIB)

SECONDARY SEALANT:
STRUCTURAL SILICONE INTENDED FOR FABRICATION OF INSULATED GLASS UNITS.



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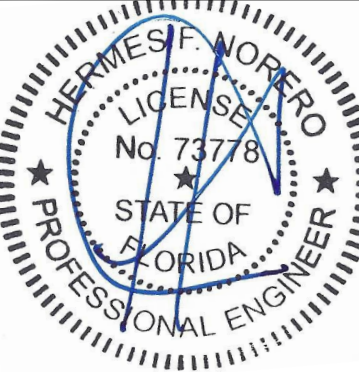
GLAZING DETAILS



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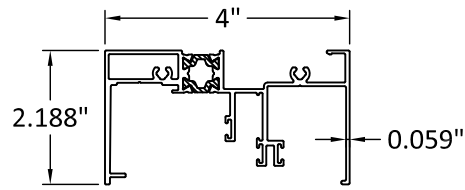


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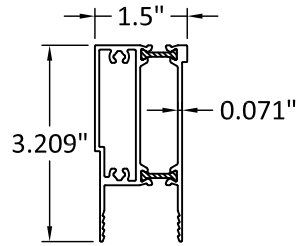
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SHEET:	6

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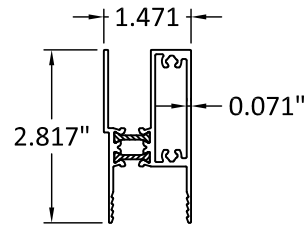
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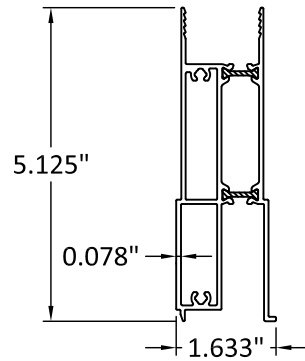
① FRAME-HEAD



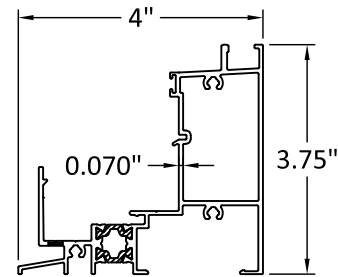
② TOP RAIL



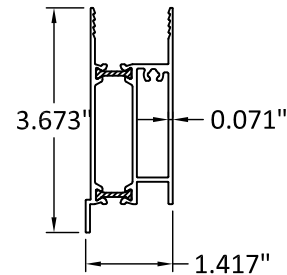
③ TOP RAIL



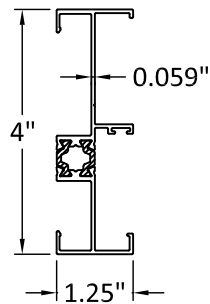
④ BOTTOM RAIL



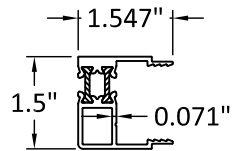
⑤ FRAME SILL



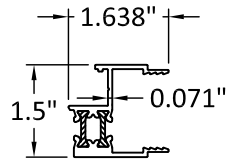
⑥ BOTTOM RAIL



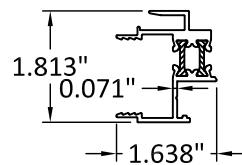
⑦ FRAME JAMB



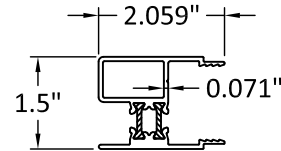
⑧ FIXED PANEL STILE



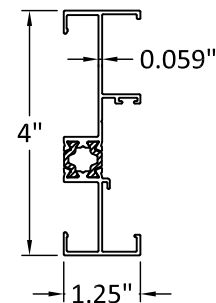
⑨ SLIDING INTERLOCK STILE



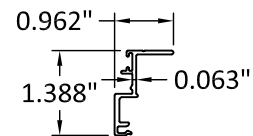
⑩ FIXED INTERLOCK STILE



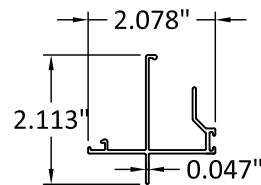
⑪ SLIDING PANEL STILE



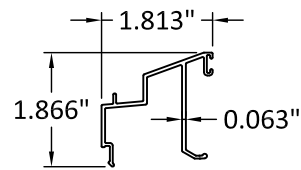
⑫ FRAME JAMB



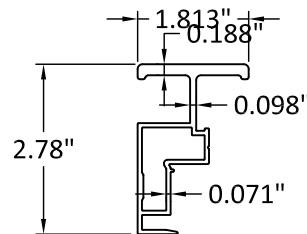
⑬ SILL ATTACHMENT



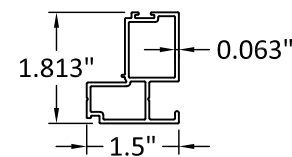
⑭ HEAD ATTACHMENT



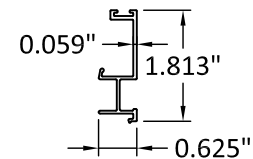
⑮ SILL ATTACHMENT



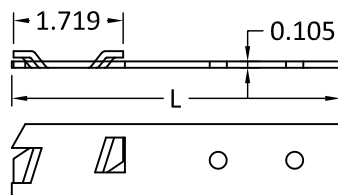
⑯ SLIDING INTERLOCK STILE



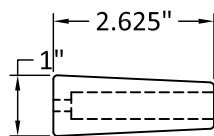
⑰ FIXED INTERLOCK STILE



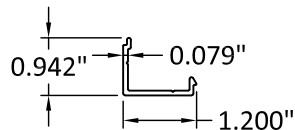
⑱ JAMB ATTACHMENT



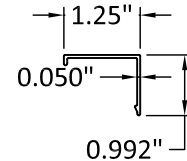
⑲ TWIST ANCHOR



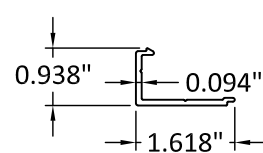
⑳ JAMB BUMPER



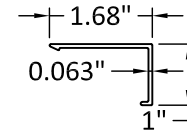
㉑ CLIP 1 X 1-1/4"



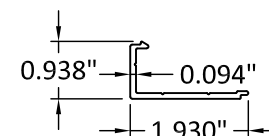
㉒ TRIM 1 X 1-1/4"



㉓ CLIP 1 X 1-11/16"



㉔ TRIM 1 X 1-11/16"



㉕ CLIP 1 X 2"



YKK AP AMERICA, INC.

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

TITLE: YSW 400T HORIZONTAL
SLIDING WINDOW
(NON-HVHZ) (NON-IMPACT)

COMPONENTS

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

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC
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DOCUMENTS FOR USE WITH THIS DOCUMENT.



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

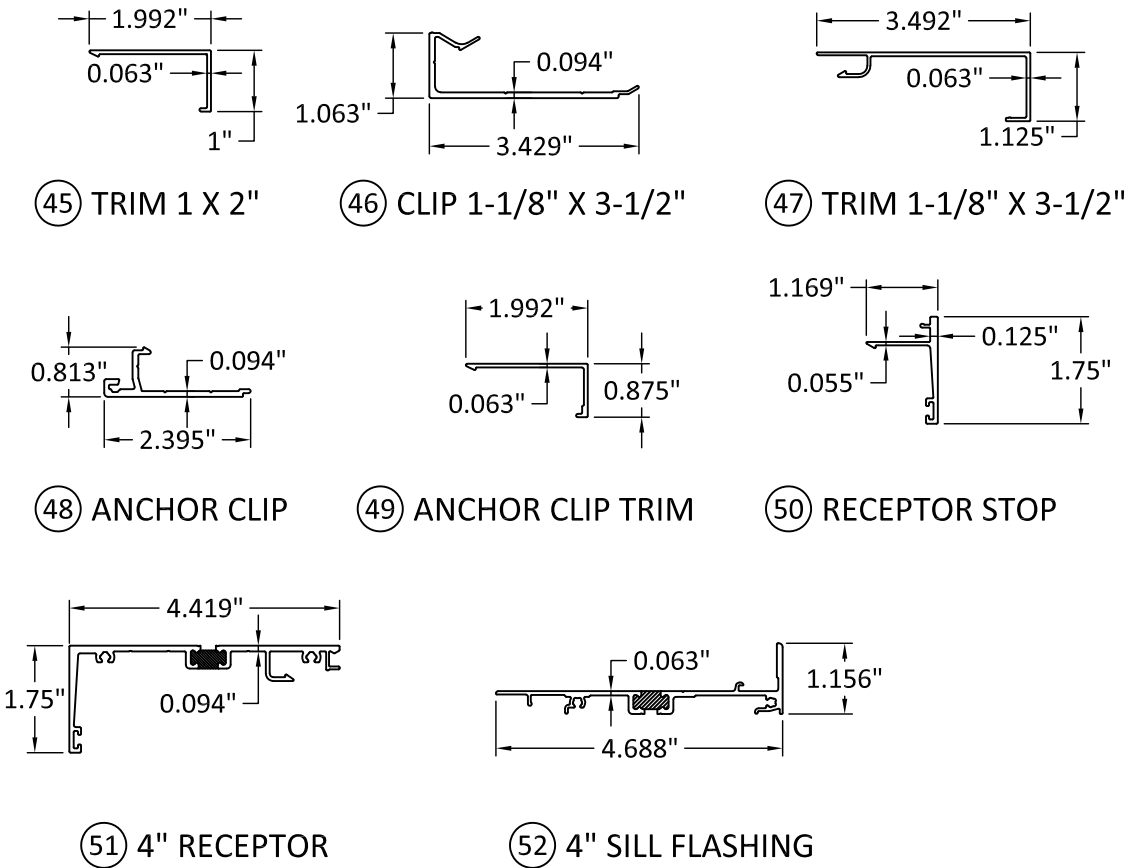
FL #:	FL11369
DATE:	08.07.17
DWG. BY:	RV
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK214
SHEET:	7

[SHEET 8 OF 9]

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BILL OF MATERIALS				
ITEM	PART No.	DESCRIPTION	MATERIAL	MANUF./SUPPLIER/REMARKS
1	BE9-4331	FRAME HEAD	6063-T5	YKK AMERICA
2	BE9-4308	TOP RAIL	6063-T5	YKK AMERICA
3	BE9-4309	TOP RAIL	6063-T5	YKK AMERICA
4	BE9-4335	BOTTOM RAIL	6063-T5	YKK AMERICA
5	BE9-4339	FRAME SILL	6063-T5	YKK AMERICA
6	BE9-4311	BOTTOM RAIL	6063-T5	YKK AMERICA
7	BE9-4334	FRAME JAMB	6063-T5	YKK AMERICA
8	BE9-4312	FIXED PANEL STILE	6063-T5	YKK AMERICA
9	BE9-4317	SLIDING INTERLOCK STILE	6063-T5	YKK AMERICA
10	BE9-4315	FIXED INTERLOCK STILE	6063-T5	YKK AMERICA
11	BE9-4313	SLIDING PANEL STILE	6063-T5	YKK AMERICA
12	BE9-4333	FRAME JAMB	6063-T5	YKK AMERICA
13	E9-4389	SILL ATTACHMENT	6063-T5	YKK AMERICA
14	E9-4336	HEAD ATTACHMENT	6063-T5	YKK AMERICA
15	E9-4390	SILL ATTACHMENT	6063-T5	YKK AMERICA
16	E9-4316	SLIDING INTERLOCK STILE	6063-T5	YKK AMERICA
17	E9-4319	FIXED INTERLOCK STILE	6063-T5	YKK AMERICA
18	E9-4318	JAMB ATTACHMENT	6063-T5	YKK AMERICA
19	E1-1970	TWIST ANCHOR	GALVANIZED STEEL	-
20	E1-1774	KEEPER	-	-
21	E2-0712	PILE WEATHER SEAL	POLYPROPYLENE	-
22	E2-0716	1/4" MARINE GLAZING GASKET	EPDM	-
23	E2-0704	SETTING BLOCK	EPDM	-
24	E2-0607	WEATHER SEAL	POLYPROPYLENE	-
25	E2-0633	JAMB BUMPER	PVC	-
26	E2-0706	DUST PLUG	POLYPROPYLENE	-
27	E2-0703	1" MARINE GLAZING GASKET	EPDM	-
28	E2-0632	JAMB AT BLOCK	EPDM	-
29	E3-1162	EXTERIOR HEAD STOPPER	POLYPROPYLENE	-
30	E3-1163	INTERIOR HEAD STOPPER	POLYPROPYLENE	-
31	K-6519	SCREW CAP	-	-
32	K1-1481	ROLLER	STAINLESS STEEL + ACETAL	-
33	K1-0443	BACKER PLATE	STAINLESS STEEL	-
34	5K-18622	LOCK (RH)	-	-
35	5K-18623	LOCK (LH)	-	-
36	-	¾" SQUARE ST. TUBE (MONOLITHIC ¼" GLASS)	-	-
37	E2-0051	GASKET-AIRTIGHT	SANTOPRENE	TREMCO OR EQ.
38	E1-1949	END CAP	0.050 ALUM. SHEET	WILD BORE OR EQ.
39	E1-1946	END DAM	0.050 ALUM. SHEET	WILD BORE OR EQ.
40	E9-4556	CLIP - 1" x 1-1/4"	6063-T5	YKK AMERICA
41	E9-4557	TRIM - 1" x 1-1/4"	6063-T5	YKK AMERICA
42	E9-8537	CLIP - 1" x 1-11/16"	6063-T5	YKK AMERICA
43	E9-8538	TRIM - 1" x 1-11/16"	6063-T5	YKK AMERICA
44	E9-4031	CLIP - 1" x 2"	6063-T5	YKK AMERICA
45	E9-4032	TRIM - 1" x 2"	6063-T5	YKK AMERICA
46	E9-8562	CLIP - 1-1/8" x 3-1/2"	6063-T5	YKK AMERICA
47	E9-8563	TRIM - 1-1/8" x 3-1/2"	6063-T5	YKK AMERICA
48	E1-1922	ANCHOR CLIP	6063-T5	YKK AMERICA
49	E9-4035	ANCHOR CLIP TRIM	6063-T5	YKK AMERICA
50	E9-4578	RECEPTOR STOP	6063-T5	YKK AMERICA
51	BE9-4582	4" RECEPTOR	6063-T5	YKK AMERICA
52	BE9-4658	SILL FLASHING	6063-T5	YKK AMERICA
53	E2-0359	SPACER	SCR900	TREMCO OR EQ.



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BILL OF MATERIALS



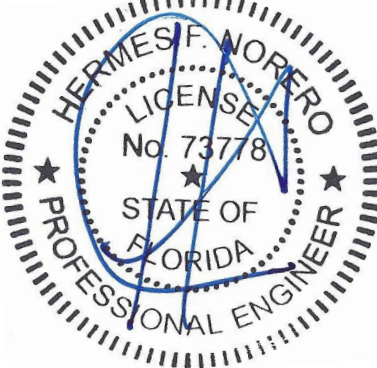
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SHEET:
8

[SHEET 9 OF 9]