

WINTECH WINDOW TECHNOLOGY INC.

SERIES 325I CASEMENT WINDOW

(IMPACT) (HVHZ)

INSTALLATION NOTES:

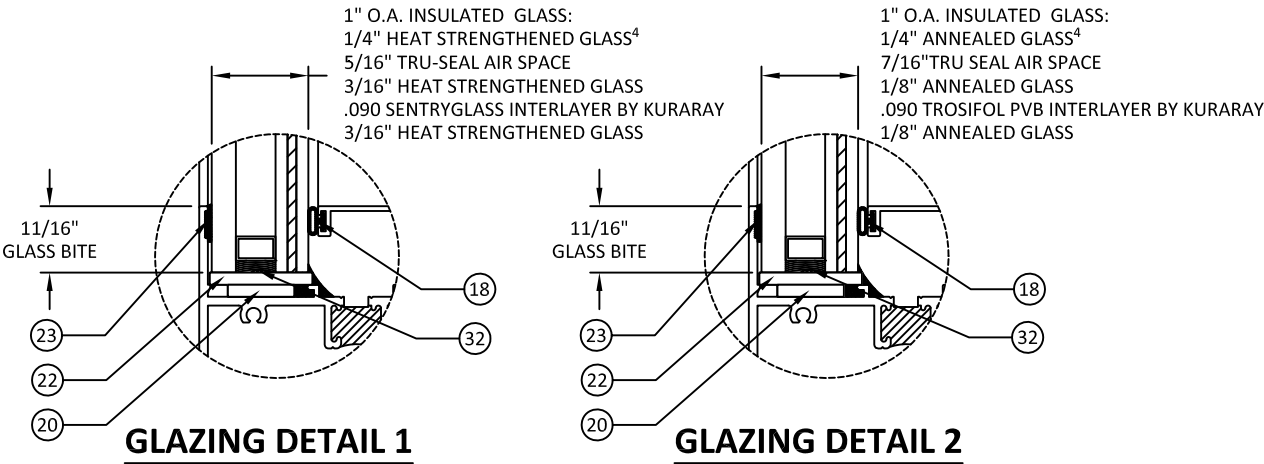
- TWO (2) INSTALLATION ANCHORS ARE REQUIRED AT EACH ANCHOR LOCATION SHOWN ON THE HEAD AND JAMBS, UNLESS OTHERWISE STATED.
- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN ON , UNLESS OTHERWISE STATED.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/16 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.
- THROUGH FRAME** : FOR INSTALLATION INTO 2X WOOD BUCK OR FRAMING, USE ONE #10 WOOD SCREW, TYPE INSTALLATION ANCHOR PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM 1 1/2" EMBEDMENT.
- THROUGH FRAME** : FOR INSTALLATION INTO METAL STUD, USE ONE #10 SELF-DRILLING SCREW, TYPE INSTALLATION ANCHOR PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM PENETRATION OF 3 THREADS BEYOND METAL STRUCTURE.
- THROUGH FRAME:** FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY OR DIRECTLY INTO CONCRETE/MASONRY, USE 3/16" ITW TAPCONS OR 3/16" ELCO ULTRACONS OF SUFFICIENT LENGTH TO ACHIEVE 1 3/4" MINIMUM EMBEDMENT.
- 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.
- 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:
 - STEEL - MIN. TENSILE YIELD STRENGTH OF 33 KSI. MIN. 18 GAUGE THICKNESS (0.0478").
 - WOOD - MINIMUM SPECIFIC GRAVITY = 0.42.
 - ALUMINUM - MIN. 6063-T5, MIN 1/8" WALL THICKNESS.
 - CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 - GROUT-FILLED CUM- UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C-476 MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000 PSI.

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE, INCLUDING HVHZ, AND HAS BEEN EVALUATED TO THE FOLLOWING:
 - ASTM E 1886-13a
 - ASTM E 1996-14a
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
- ADEQUACY OF THE EXISTING STRUCTURAL 2X WOOD FRAMING OR 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.
- 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 AREA.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NIT 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 THE USE WITH THIS DOCUMENT.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- GLAZING COMPLIES WITH LOAD RESISTANCE REQUIREMENTS PER ASTM E1300.
- WINDOW FRAME MATERIAL: 6063-T6 ALUMINUM
- DESIGNATION "X" AND "O" STAND FOR THE FOLLOWING
X: OPERABLE PANEL
O: FIXED PANEL

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6	MULLIONS AND MEETING RAILS
7	BILL OF MATERIALS & COMPONENTS

GLASS TYPE	DESIGN PRESSURE					LMI & SMI
	MAX FRAME SIZE		MAX D.L.O		DESIGN PRESSURE	
	WIDTH	HEIGHT	WIDTH	HEIGHT		
G1/G2	42.00"	72.00"	35.000"	65.000"	+80/-80 PSF	



- GLAZING NOTES:
- GLASS TYPE SHALL COMPLY WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
 - SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
 - SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
 - TEMPERED GLASS ON SACRIFICIAL LITE SHALL BE USE ON WINDOWS 30 FEET ABOVE GRADE.

WINTECH

WINDOW TECHNOLOGY, INC.

201 INDUSTRIAL DRIVE
MONETT, MO 65708
WWW.WINTECHINC.COM

PH: (417) 235-7821 FX: (417) 737-7140

TITLE: SERIES 325 CASEMENT WINDOW
(IMPACT)/(HVHZ)

GENERAL NOTES, INSTALLATION
NOTES & GLAZING 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



REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero
Reason: I am approving this document
Date: 2020.04.09 18:21:42 -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 #: **FL31755**

DATE: **03.03.2020**

DWG. BY:
YC

CHK. BY:
HFN

SCALE: **NTS**

DWG. #: **WNT010**

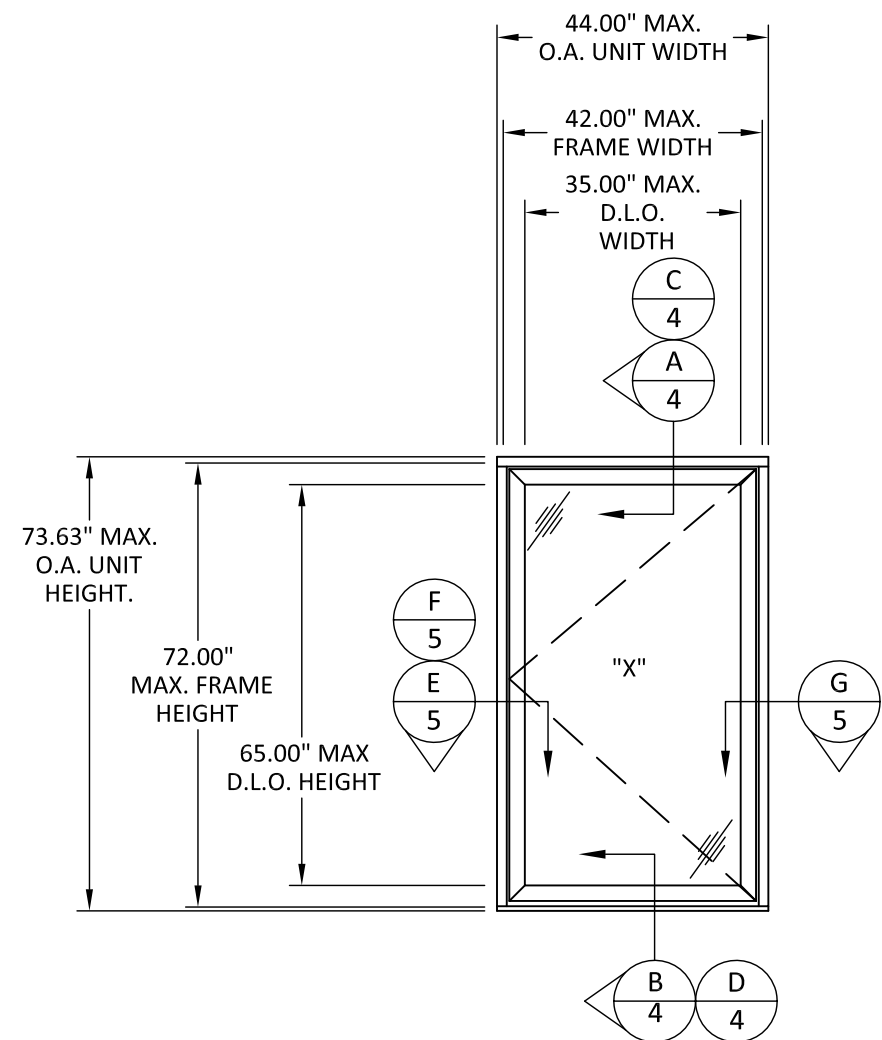
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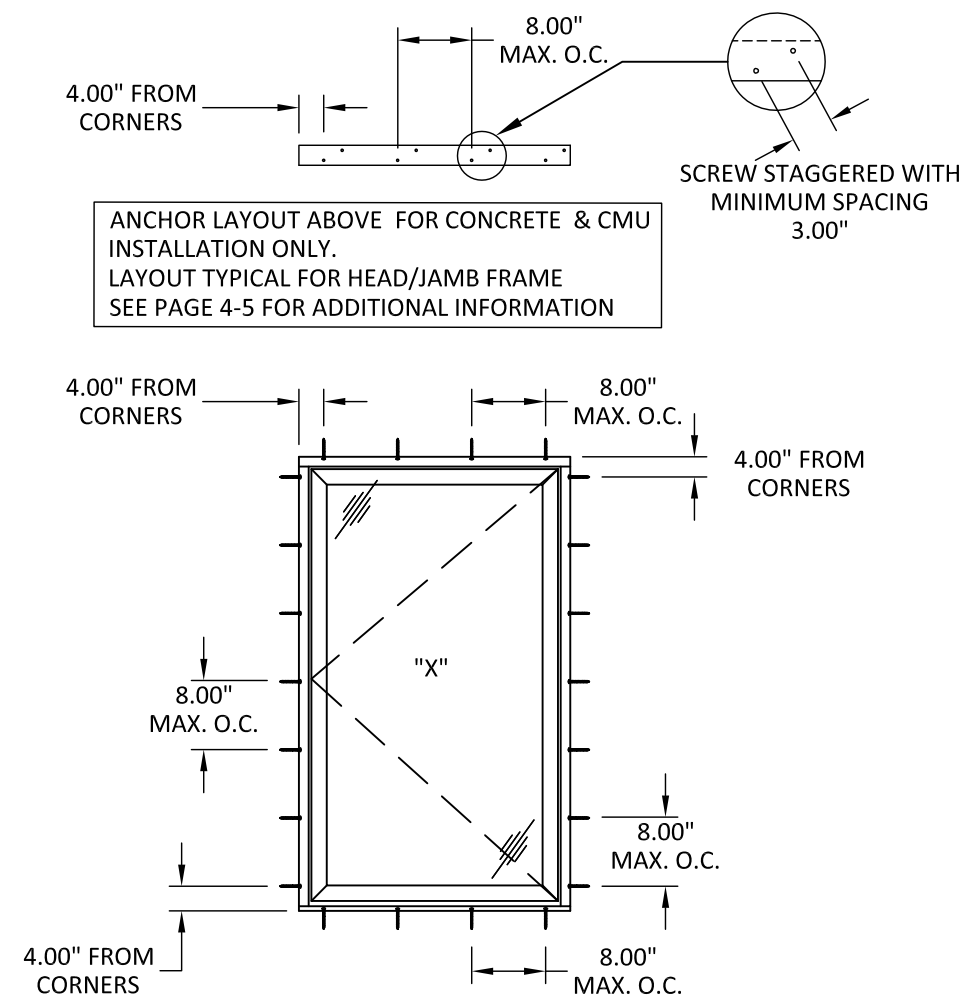
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EXTERIOR ELEVATION
CASEMENT WINDOW



ANCHOR LAYOUT
CASEMENT WINDOW
THROUGH FRAME INSTALLATION

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ELEVATION AND ANCHOR LAYOUTS

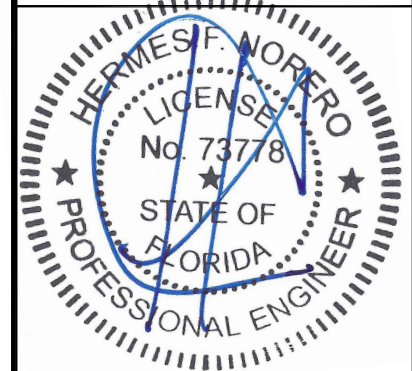
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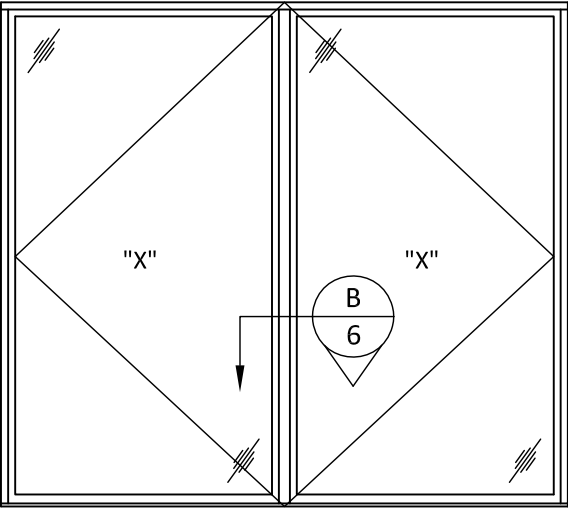
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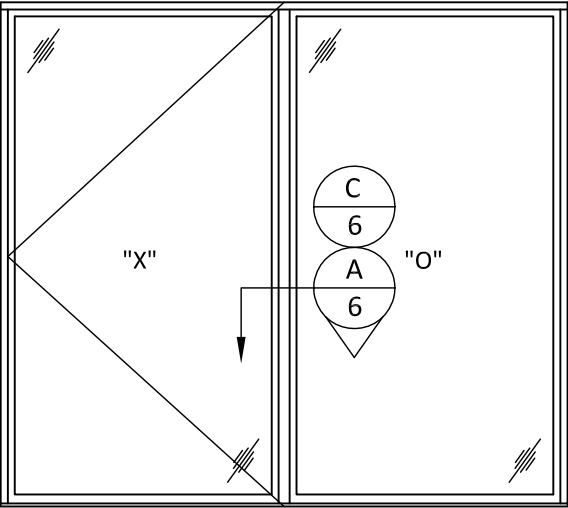
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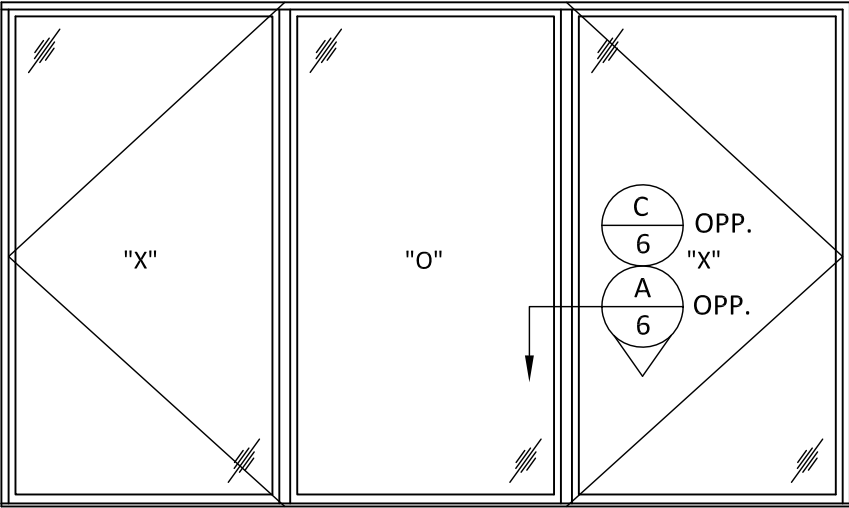
QUALIFIED CONFIGURATIONS
(FIXED WINDOW UNDER SEPARATE APPROVAL)



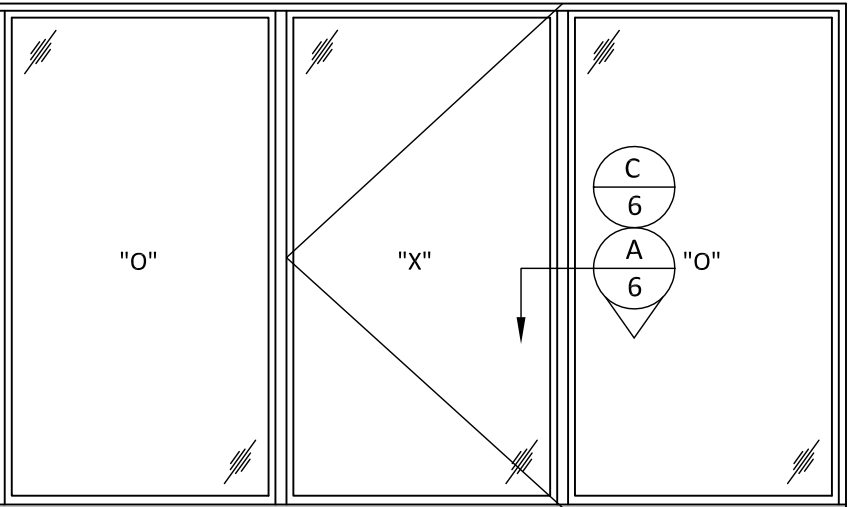
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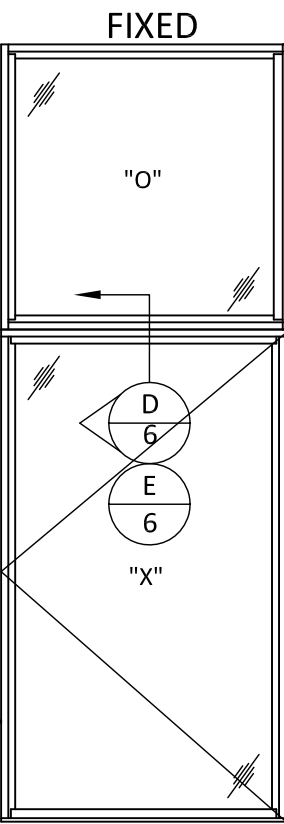
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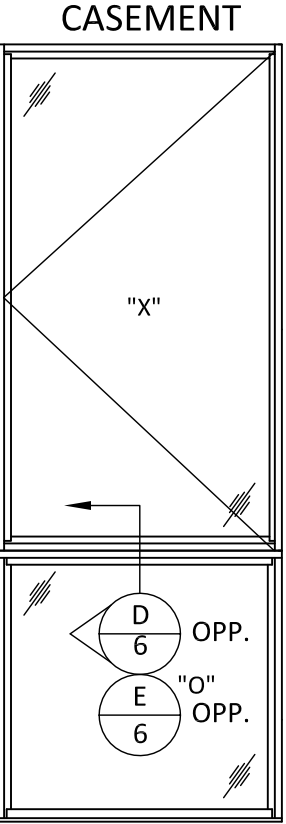
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FIXED CASEMENT FIXED



CASEMENT



FIXED



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WWW.WINTECHINC.COM

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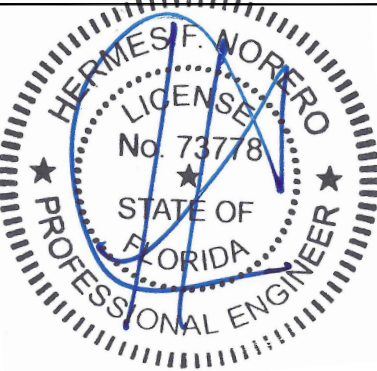
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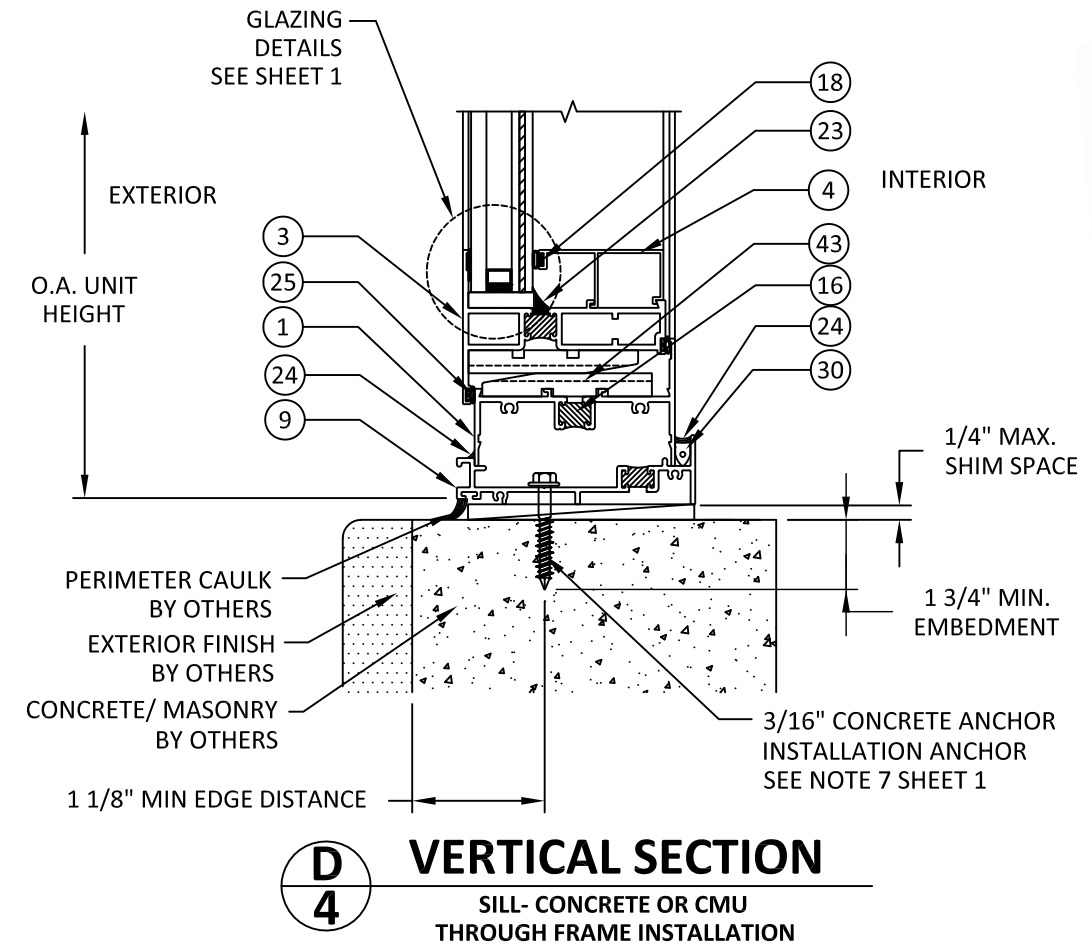
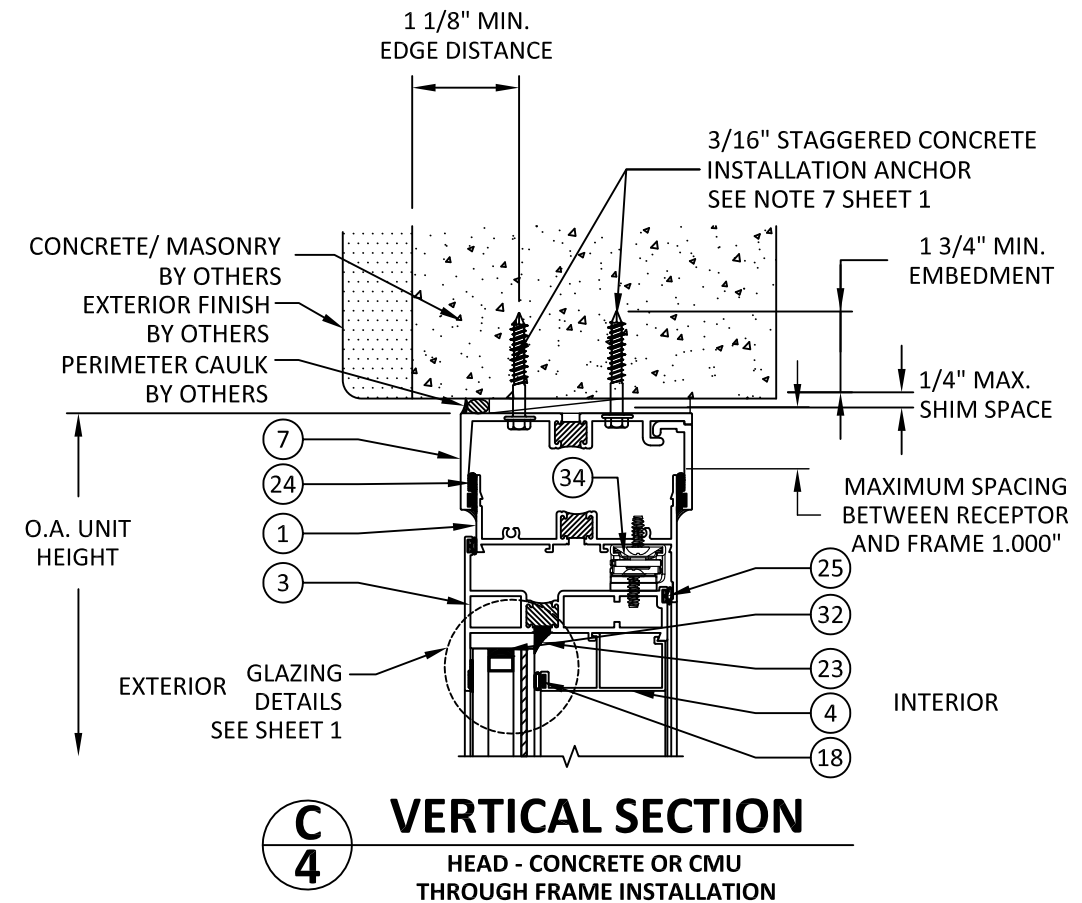
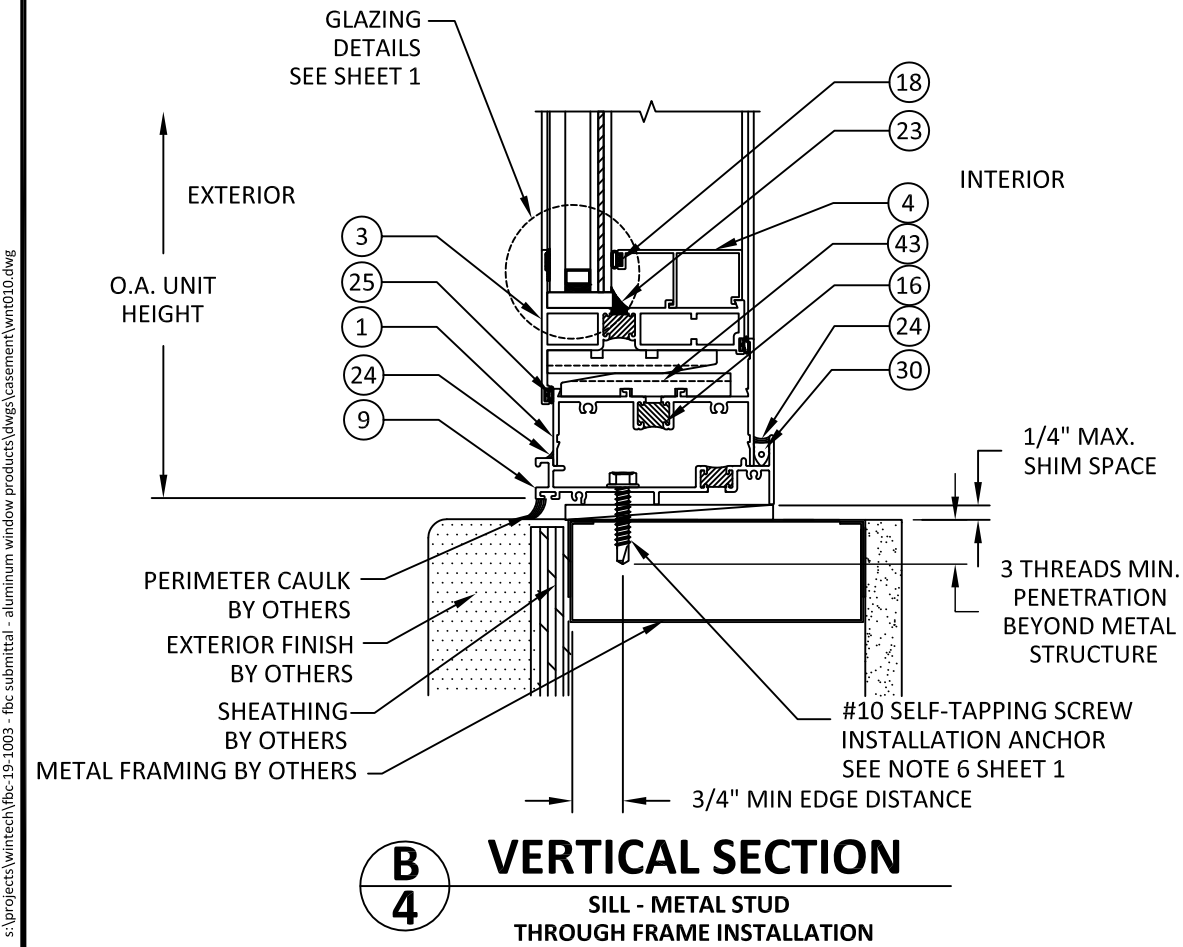
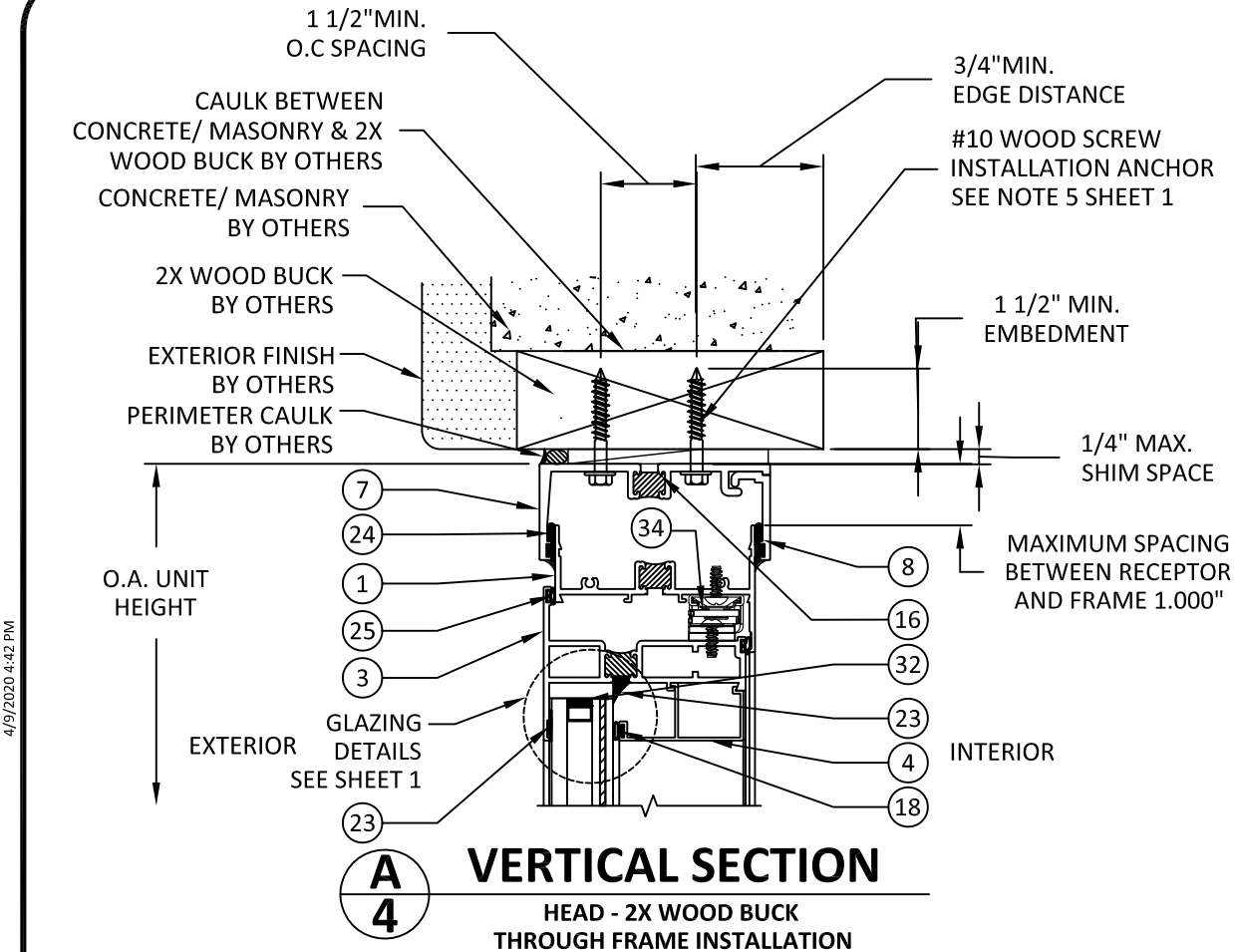
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WINTech

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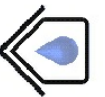
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VERTICAL SECTIONS

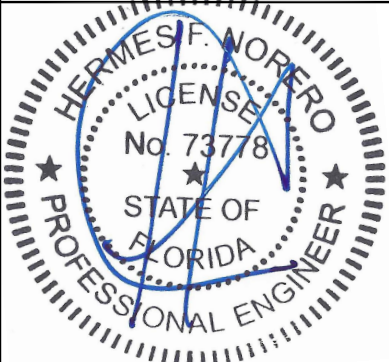
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HORIZONTAL SECTIONS

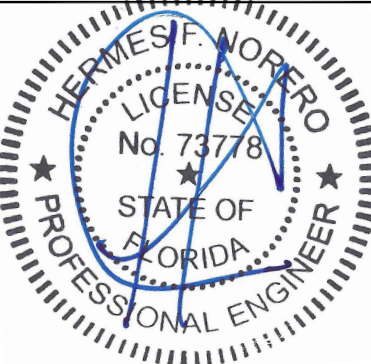
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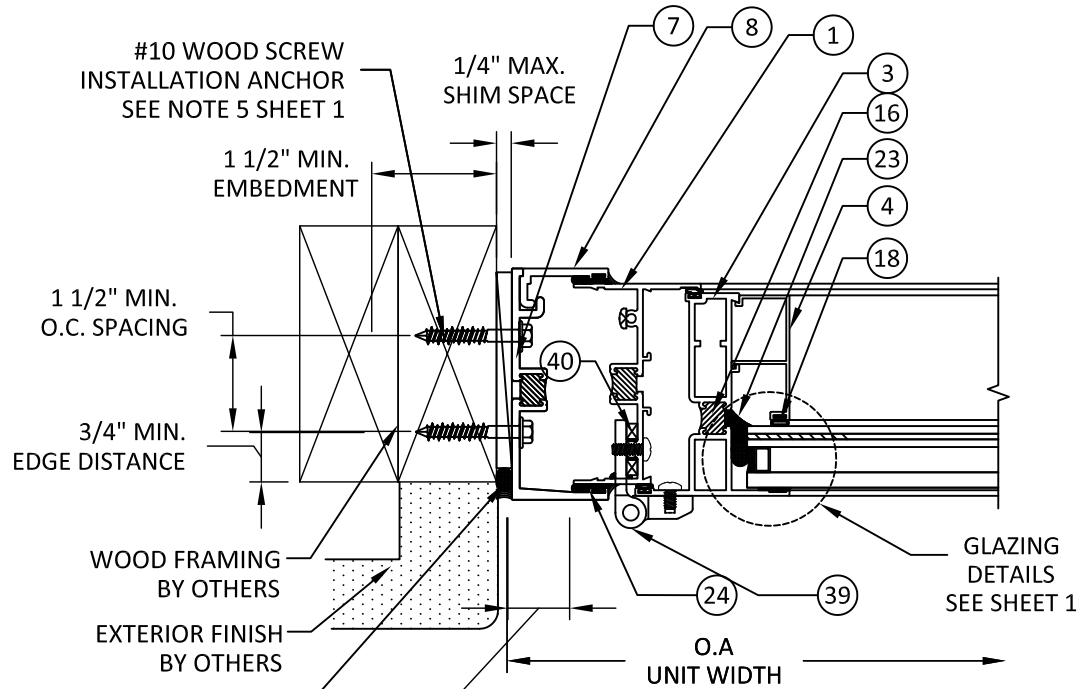
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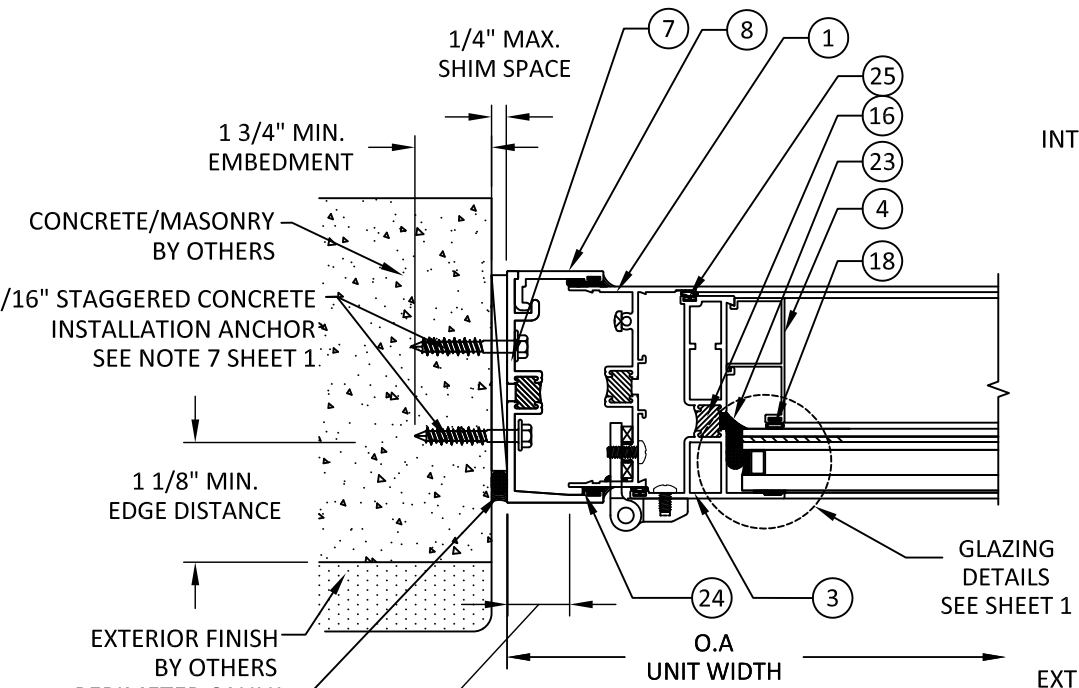
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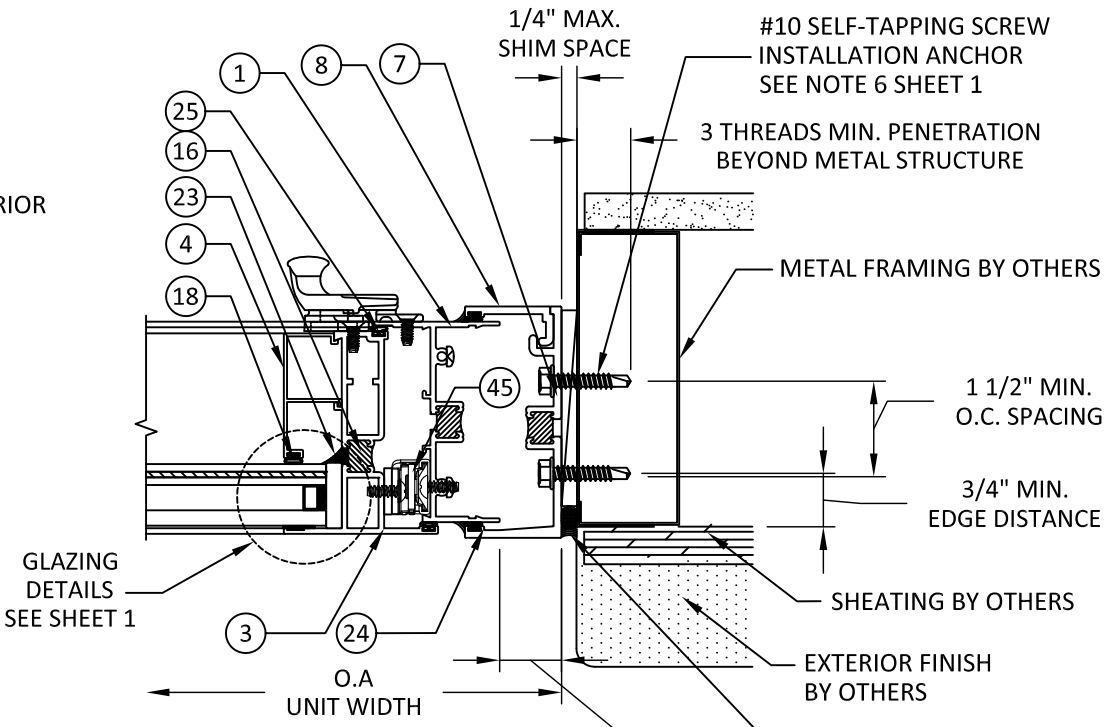
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E HORIZONTAL SECTION
5 JAMB - 2X WOOD FRAME
THROUGH FRAME INSTALLATION



G HORIZONTAL SECTION
5 JAMB - CONCRETE OR CMU
THROUGH FRAME INSTALLATION



F HORIZONTAL SECTION
5 JAMB - METAL STUD
THROUGH FRAME INSTALLATION

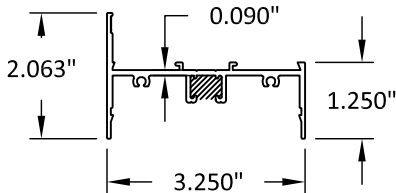
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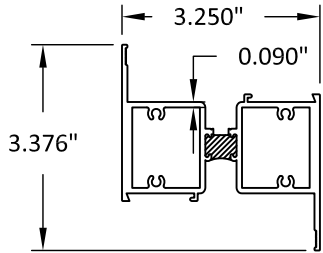
BILL OF MATERIALS			
ITEM	PART #	DESCRIPTION	MFG
1	E723	FRAME	GATEWAY
2	E741	FX/PO HEAVY DUTY MTG RAIL	GATEWAY
3	E731	PROJECTED VENT FRAME	GATEWAY
4	E729	GLAZING BEAD	GATEWAY
7	E765	3 1/4" SUBFRAME	EXTRUSIONS, INC.
8	E766	3 1/4" SUBFRAME CLOSURE	EXTRUSIONS, INC.
9	E575	3 1/4" SUBSILL	GATEWAY
10	E658	HEAVY T-MULLION	EXTRUSIONS, INC.
11	E661	T MULLION	EXTRUSIONS, INC.
12	E662	HEAVY MULLION SNAP COVER	EXTRUSIONS, INC.
13	E663	HEAVY MULLION PRESSURE CLIP	EXTRUSIONS, INC.
14	E664	MULLION SNAP COVER	EXTRUSIONS, INC.
15	E667	MULLION PRESSURE CLIP	EXTRUSIONS, INC.
16	13302-A SU311-30TB	THERMAL FILL	BASF
17	SL02	#8-15 X 1" PL-PH-SMS ZC B-LP	ALLOY
18	3	GLAZING BULB VINYL	CENTRAL PLASTICS
19	G040	FRAME GASKET	SECON
20	SB16	.125 X .688 X 4" SETTING BLOCK	SECON
21	SB17	#8-15 X 1" PL-PH-SMS ZO 8-LP	ALLOY
22	SB19	.125 X 1.062 X 4" SETTING BLOCK	SECON
23	896FC	GLAZING SEALANT	PECORA
24	896	SEALANT	PECORA
25	G054	.188 DIA. BULB VINYL	CENTRAL PLASTICS
26	WV01	MULLION VINYL	CENTRAL PLASTICS
27	SF05	#6-18 X 3/8" PL-PH-SMS 18-8 A	ALLOY
28	SF06	#12-11 X 3/4" PL-PH-SMS 18-8 A	ALLOY
29	ST02	#12-14 X 1" HWH-TEK 410 # DP	ALLOY
30	W001	1/4" DRIVE IN DART GASKET	REED RUBBER
31	KA01	T-MULLION ANCHOR BRACKET	WINTECH
32	A009	7/8" OPEN CELL BACKER ROD	CR LAURENCE
33	F005	E731 CORNER KEY	WINTECH
35	HA49/HA50	IMPACT CAM HANDLE	MELRON
36	HA51	IMPACT CAM STRIKE	MELRON
37	SF08	#10-24 X 1/2" PL-FH 18-8 F TIP	FASTENAL
38	SP003	#10-16 X 1/2" PL-PH-SMS 18-8 B	MCMaster CARR
39	HA36	BUTT HINGE	MELRON
40	SB11	BUTT HINGE SHIM	SECON
41	SP005	#10-24 X 5/16" PL-PH-MS 18-8	MCMaster CARR

42	SP006	#10-24 X 1/2" PL-PH-MS 18-8	MCMaster CARR
43	HA10	CASEMENT LIFT BLOCK	M&M PLASTICS
44	37	#8-15 X 3/4" PL-PH-SMS 18-8A	PRODUCTION FAST.
45	HA28	FRICTION ADJUSTER	CALDWELL MFG
46	HA29	FRICTION ADJUSTER SHIM	CALDWELL MFG
47	FS002	3-1/4" SUBSILL END DAM	WINTECH
50	HA28	FRICTION ADJUSTER	CALDWELL MFG
51	SL01	#6-20 X 1" PL-PH-SMS ZC B-LP	ALLOY

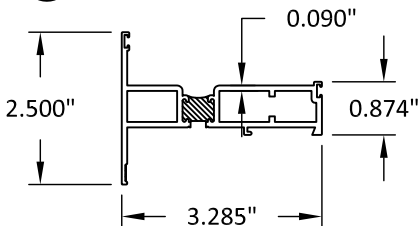
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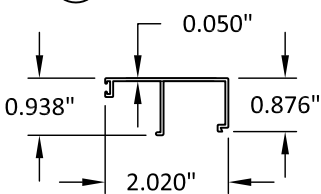
② HEAVY DUTY MTG RAIL



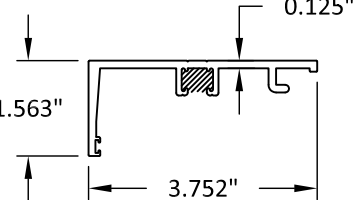
③ PROJECTED VENT FRAME



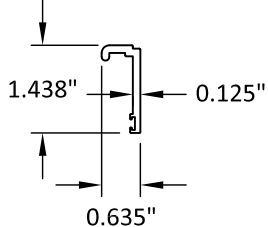
④ GLAZING BEAD



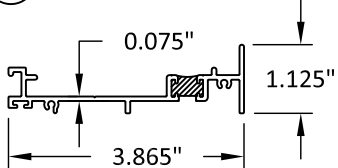
⑦ 3 1/4" SUBFRAME



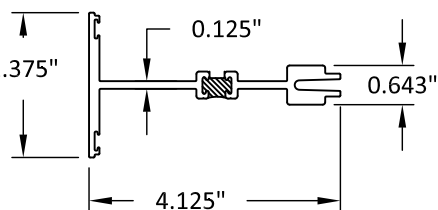
⑧ 3 1/4" SUBFRAME CLOSURE



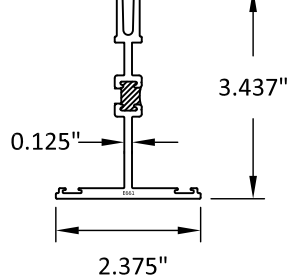
⑨ 3 1/4" SUBSILL



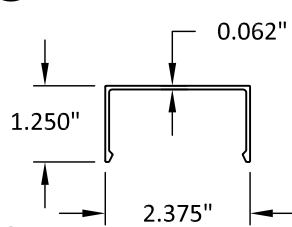
⑩ HEAVY T-MULLION



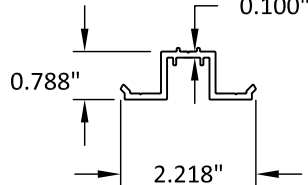
⑪ T-MULLION



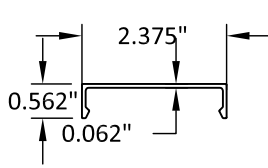
⑫ HEAVY MULLION SNAP COVER



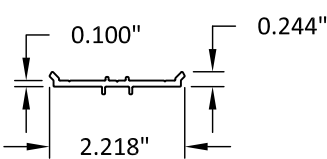
⑬ HEAVY MULLION PRESSURE CLIP



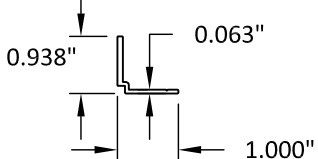
⑭ MULLION SNAP CLIP



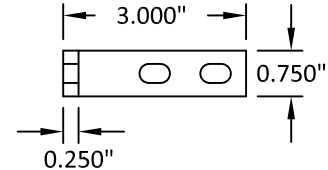
⑮ MULLION PRESSURE CLIP



④7 PO ADAPTOR



③1 T-MULLION ANCHOR BRACKET



WINTeCH

WINDOW TECHNOLOGY, INC.

201 INDUSTRIAL DRIVE
MONETT, MO 65708
WWW.WINTECHINC.COM

PH: (417) 235-7821 FX: (417) 737-7140

TITLE: SERIES 325 CASEMENT WINDOW
(IMPACT)/(HWHZ)

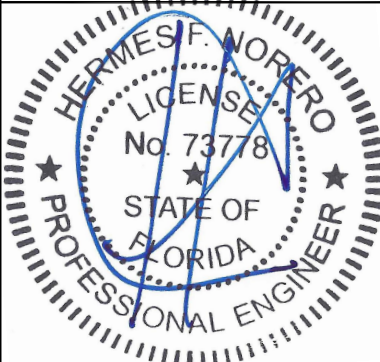
BILL OF MATERIAL AND
COMPONENTS



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 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.



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 #: **FL31755**

DATE: **03.03.2020**

DWG. BY: **YC** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **WNT010**

SHEET:

7

OF 7