

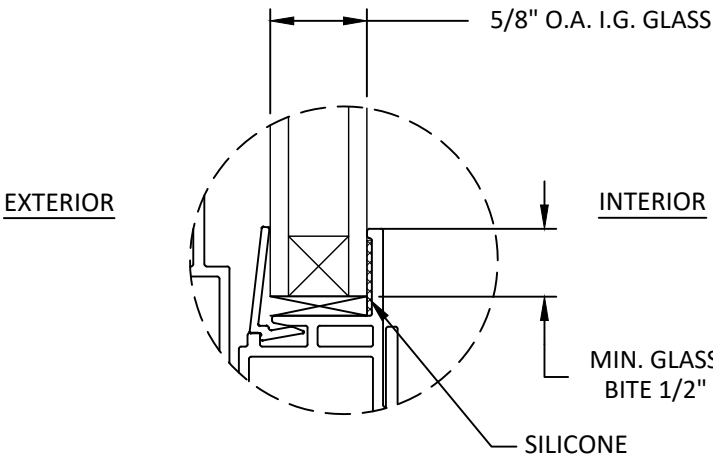
CROFT, LLC.

SERIES 30 SINGLE HUNG WINDOW

(NON-HVHZ) (NON-IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION 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 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 IN NON-HVHZ AREAS.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. WINDOW FRAME MATERIAL: PVC
7. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E 1300. SEE SHEET 1 FOR GLAZING DETAILS.



GLAZING DETAIL

- 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.
  - D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES IN DESIGN PRESSURE TABLE ON SHEET 1.

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1	GENERAL NOTES & GLAZING DETAIL
2	ELEVATION & ANCHOR LAYOUTS
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5	HORIZONTAL & VERTICAL SECTIONS, ANCHOR DETAIL, INSTALLATION NOTES & REINFORCEMENT DETAILS

MAX OVERALL SIZE		MAX SASH SIZE		MAX D.L.O. SIZE		CONFIG.	DESIGN PRESSURE	MISSILE IMPACT RATING
WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT			
44"	84"	42"	41"	38-3/4"	38-5/16"	O/X	+20.0 / -20.0 PSF	NON IMPACT
36"	72"	34"	35"	30-3/4"	32-3/8"	O/X	+45.0 / -45.0 PSF	
72"	72"	34"	35"	30-7/8"	32-3/8"	O/X-O/X	+35.0 / -35.0 PSF	



P.O. BOX 826  
MCCOMB, MS 39649  
PH.: 601-684-6121 FX: 601-783-3188

TITLE: SERIES 30  
SINGLE HUNG WINDOW  
(NON-HVHZ) (NON-IMPACT)

GENERAL NOTES & GLAZING DETAIL

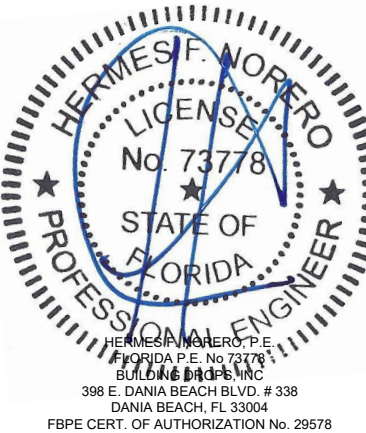
PREPARED BY: BUILDING DROPS, INC.

398 E. DANIA BEACH BLVD., STE. 338  
DANIA BEACH, FL 33004  
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REMARKS	BY	DATE

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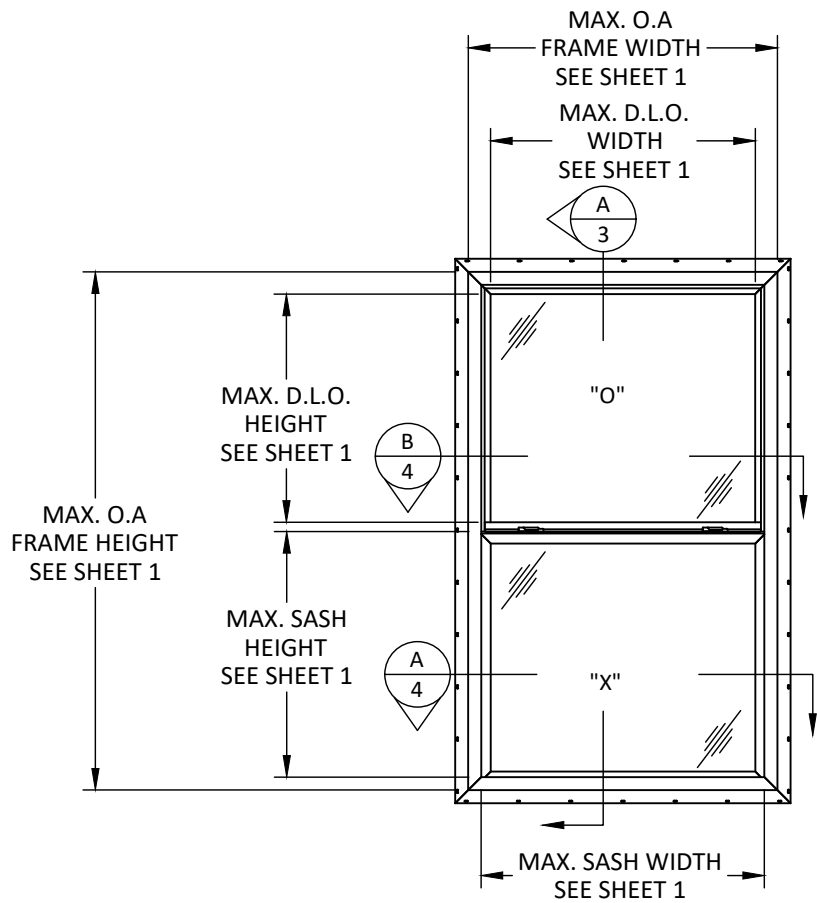
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CHK. BY: HFN

SCALE: NTS

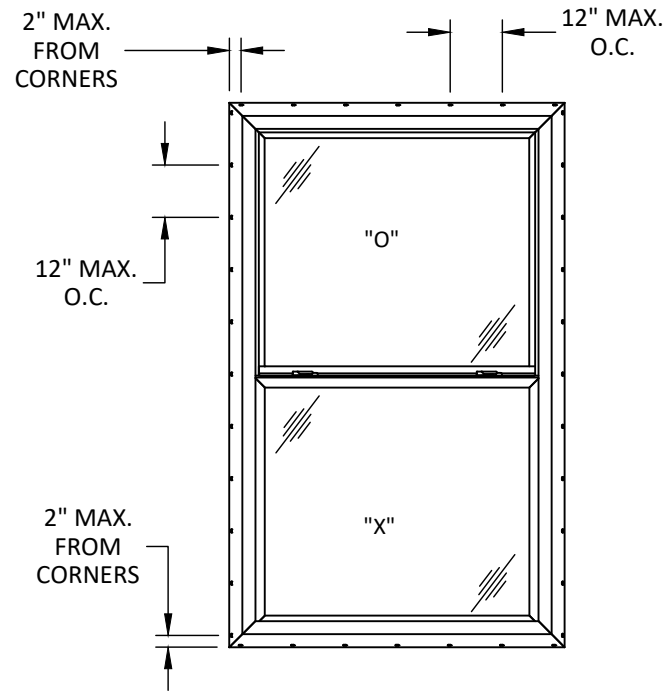
DWG. #: CRF019

SHEET 1

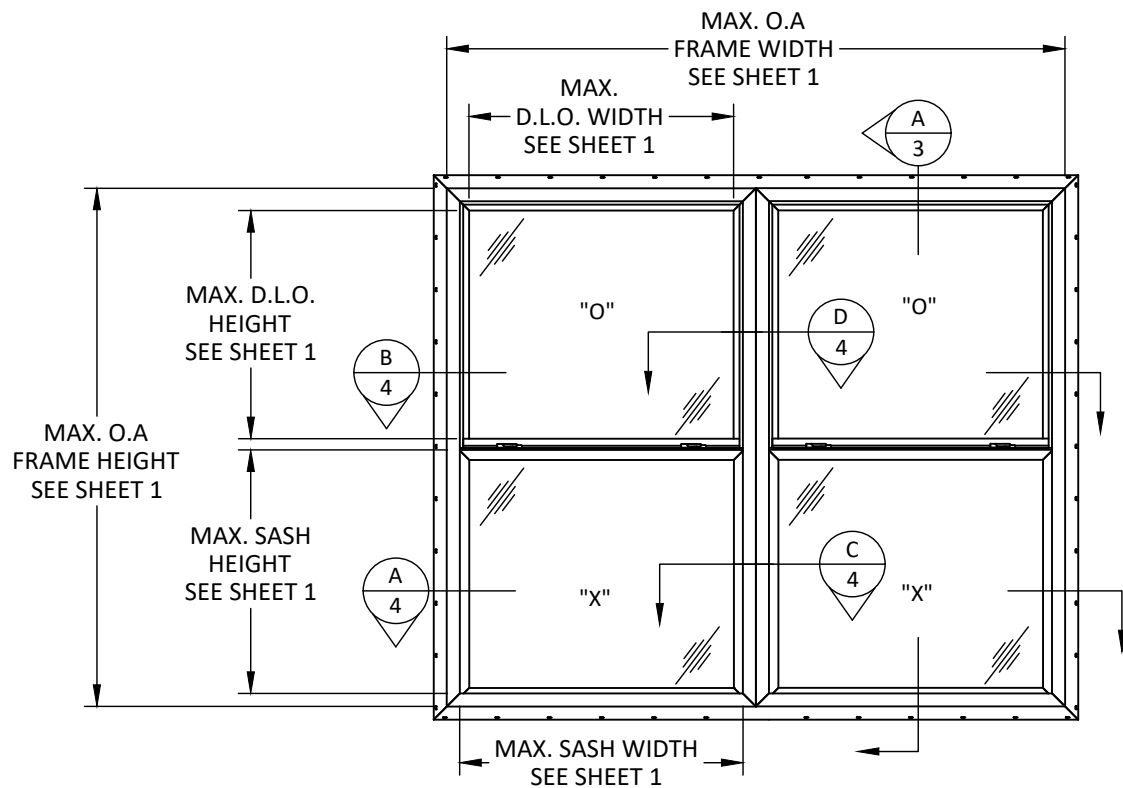
s:\projects\croft-llc\fb-21-0805 - fbc submittal f116082 series 20 single hung window, f116080, f130848, f128821 series 30 picture window, f128797, f128822.dwg, f128797 - series 30 single hung window\croft019 2021-09-07.dwg 9/11/2021 10:39 AM



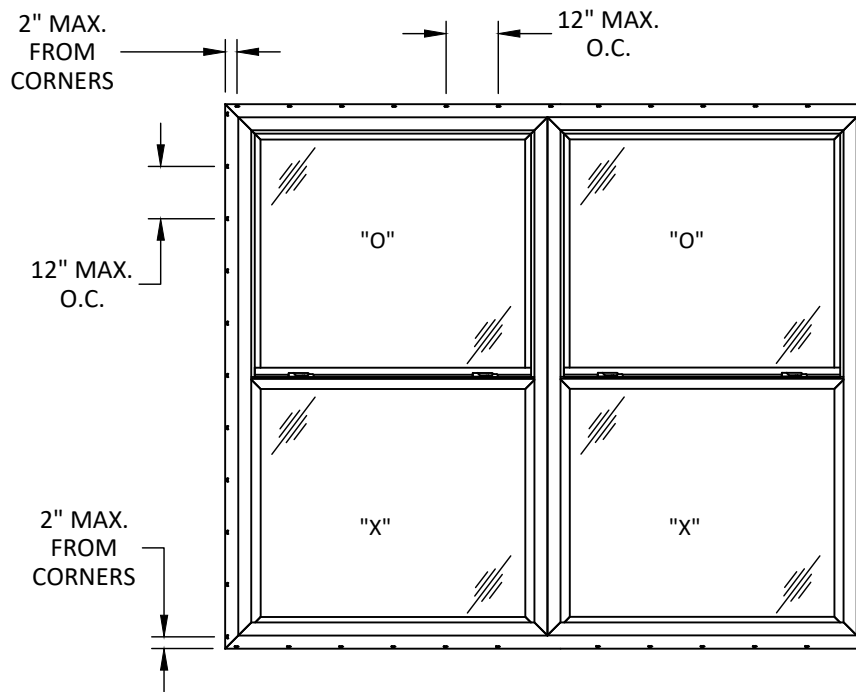
**ELEVATION**  
SINGLE HUNG WINDOW



**ANCHOR LAYOUT**  
NAIL FIN - SINGLE HUNG WINDOW



**ELEVATION**  
TWIN SINGLE HUNG WINDOW



**ANCHOR LAYOUT**  
NAIL FIN - TWIN SINGLE HUNG WINDOW



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**SINGLE HUNG WINDOW**  
**(NON-HVHZ) (NON-IMPACT)**

ELEVATIONS AND ANCHOR LAYOUTS

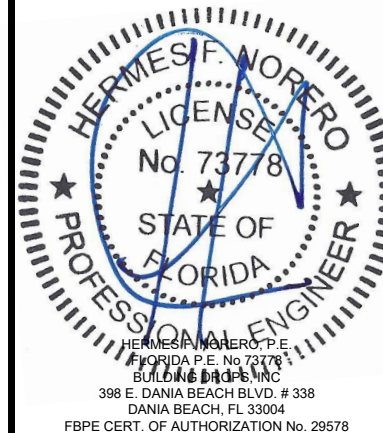
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SHEET  
**2**

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TITLE: *SERIES 30  
SINGLE HUNG WINDOW  
(NON-HVHZ) (NON-IMPACT)*  
VERTICAL SECTION

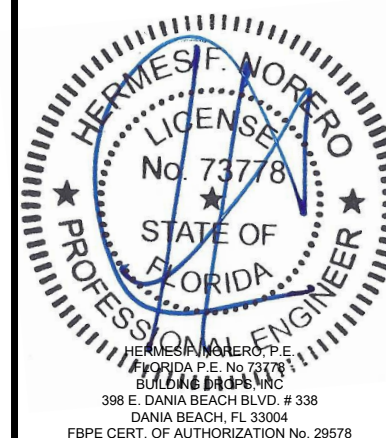
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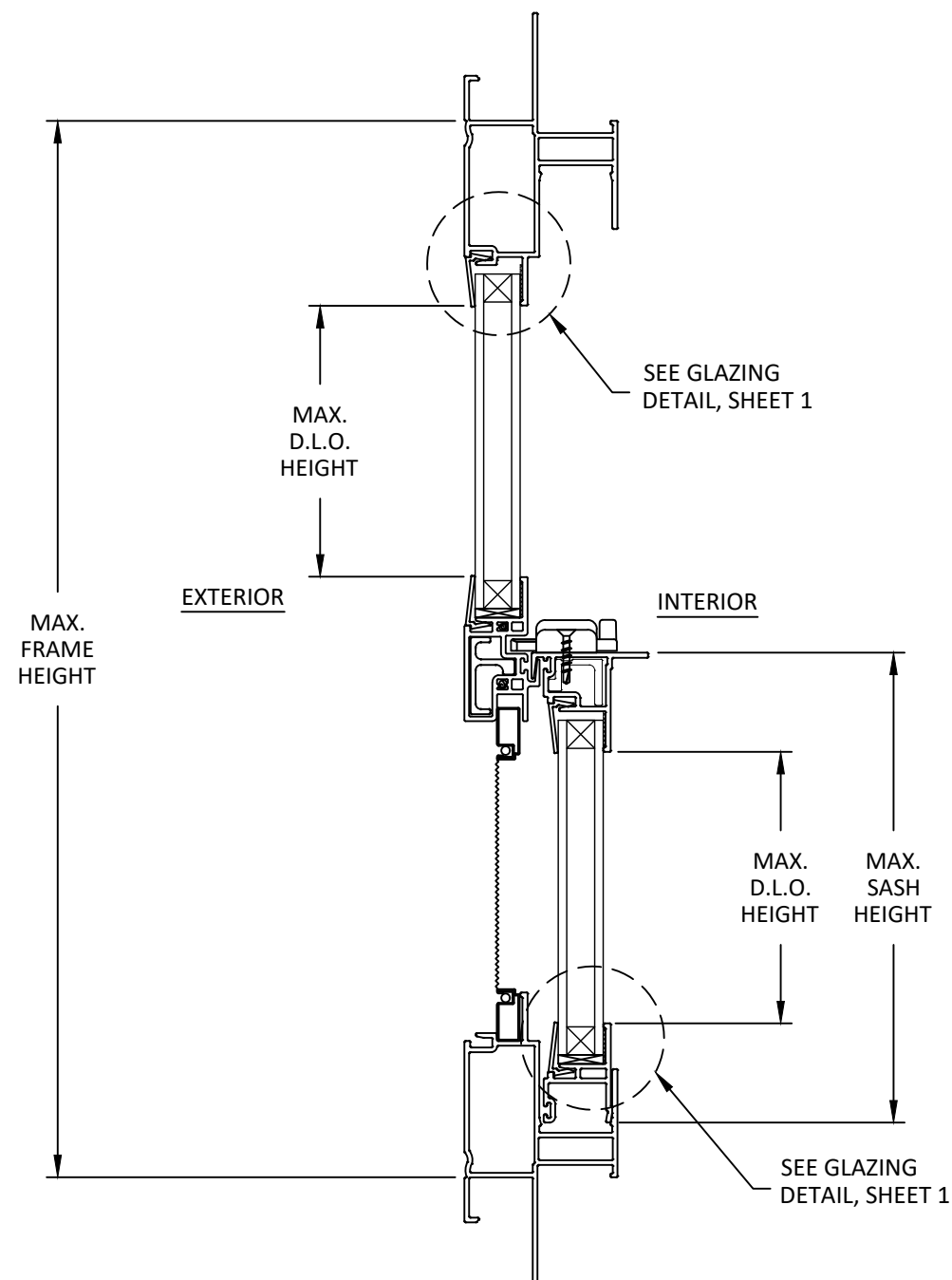
SCALE: NTS

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SHEET

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**A**  
**3**

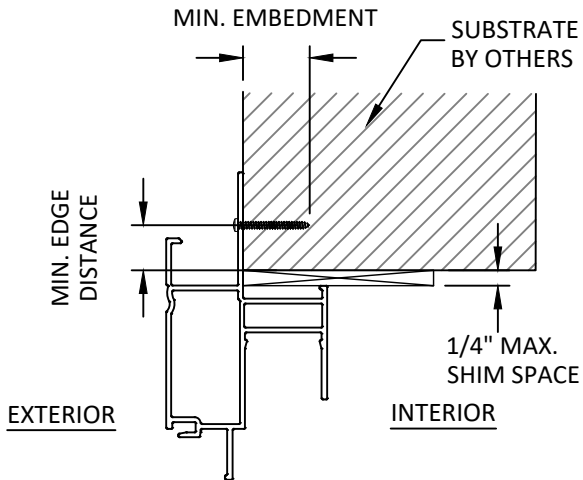
## VERTICAL SECTION

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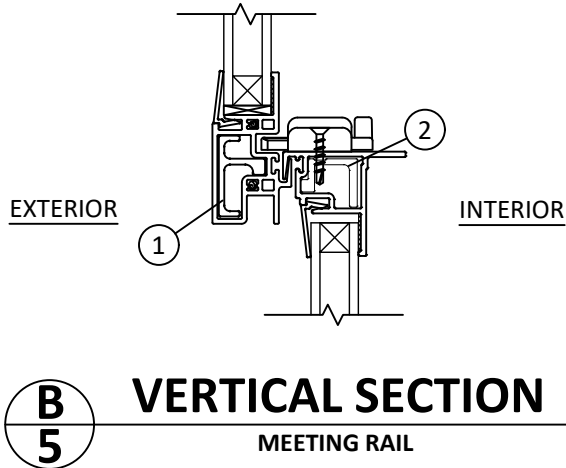
**NAIL FIN**



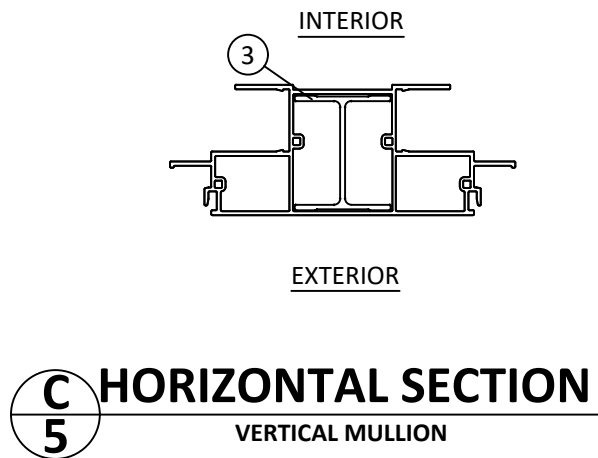




**A5** **HORIZONTAL SECTION**  
NAIL FIN (HEAD)  
JAMB AND SILL HAVE  
SIMILAR PROFILES

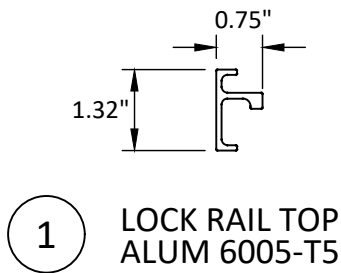


**B5** **VERTICAL SECTION**  
MEETING RAIL

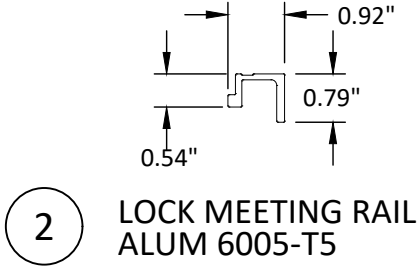


**C5** **HORIZONTAL SECTION**  
VERTICAL MULLION

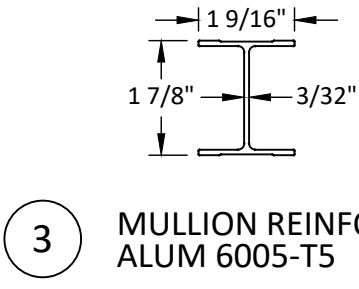
**REINFORCEMENT DETAILS**



**1** LOCK RAIL TOP  
ALUM 6005-T5



**2** LOCK MEETING RAIL  
ALUM 6005-T5



**3** MULLION REINFORCEMENT  
ALUM 6005-T5

**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 OF THE MAXIMUM SIZE LISTED.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF  $\pm 1/2$  INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- SHIM AS REQUIRED WITH LOAD BEARING SHIM(S) TO ACHIEVE A SQUARE AND PLUMB INSTALLATION. 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.
- 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.

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR TYPE	MIN EMBEDMENT	MIN. EDGE DISTANCE
NAILING FIN	WOOD: MIN. SG = 0.55	#8 WOOD SCREW PAN HEAD	1.5"	0.75"
	METAL: 18 GAUGE Steel, MIN. Fy = 33KSI	#8 SMS OR SELF-DRILLING SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"



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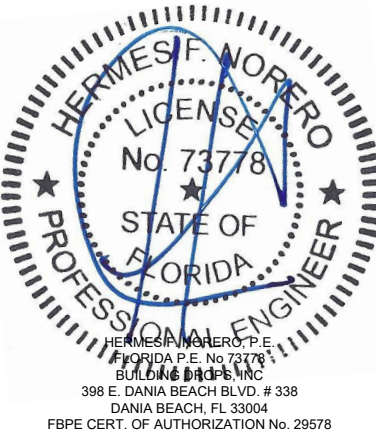
SERIES 30  
SINGLE HUNG WINDOW  
(NON-HVHZ) (NON-IMPACT)  
HORIZONTAL & VERTICAL SECTIONS,  
ANCHOR DETAILS, INSTALLATION NOTES &  
REINFORCEMENT DETAILS

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