AMERICAN CRAFTSMAN WINDOWS
SILVER LINE WINDOWS AND DOORS

V1 SERIES/50 SERIES DOUBLE-HUNG WINDOWS
(1200) (NON-IMPACT)

GENERAL NOTES:

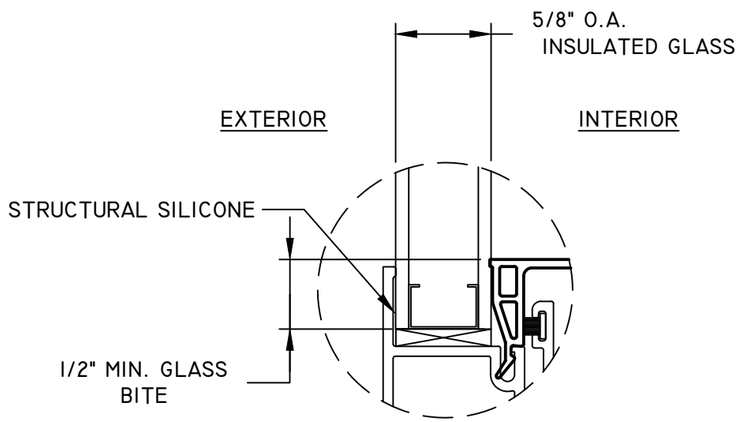
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
   - AAMA/WDMA/CSA 101/I.S.2/A440-11
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND METAL 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. IX 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. IN HVHZ AREAS, ONE TIME PRODUCT APPROVAL TO BE OBTAINED FROM MIAMI-DADE RER OR AHJ.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. WINDOW FRAME MATERIAL: PVC
7. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.
8. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
   - X: OPERABLE PANEL
   - O: FIXED PANEL

TABLE OF CONTENTS

SHEET	SHEET DESCRIPTION
1	GENERAL NOTES & GLAZING DETAILS
2	ELEVATIONS & ANCHOR LAYOUTS
3	VERTICAL SECTIONS
4	HORIZONTAL SECTIONS
5	ANCHOR DETAIL & SCHEDULE

DESIGN PRESSURE TABLE

SIZE	CONFIGURATION	DESIGN PRESSURE	MISSILE IMPACT RATING
36.0" X 63.0"	XX	+35/-35 PSF	NON-IMPACT
48.0" X 72.0"	XX	+20/-20 PSF	NON-IMPACT
43.0" X 77.25"	XX	+20/-20 PSF	NON-IMPACT



GLAZING DETAIL

GLAZING NOTE:
- GLASS THICKNESS AND TYPE SHALL COMPLY WITH ASTM E-1300 GLASS CHARTS REQUIREMENT

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2025.01.23 13:11:53 +03'00'

AMERICAN CRAFTSMAN WINDOWS
SILVER LINE WINDOWS AND DOORS

ONE SILVERLINE DRIVE
NORTH BRUNSWICK, NJ 08902
PH: (888) 741-0354

TITLE: V1 SERIES/50 SERIES DOUBLE HUNG (NON-IMPACT
GENERAL NOTES & GLAZING DETAIL

NO.	REVISION DESCRIPTION	BY	DATE
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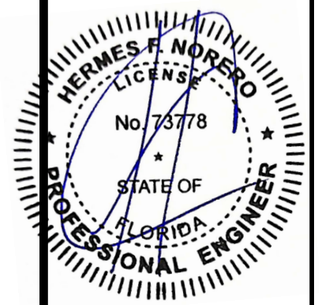
C	8TH EDITION (2023) FBC	LMH	12.10.23
D	UPDATED TO CURRENT FBC	LMH	01.09.25

DATE: 10.02.17 | DWN BY: CL | CHK BY: HFN | SCALE: NTS



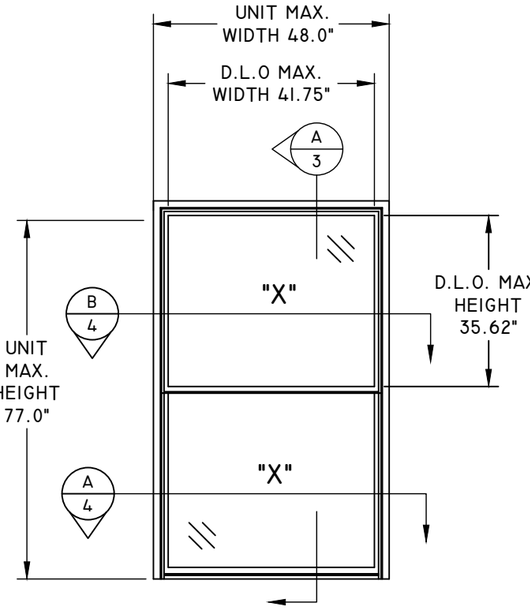
HERMES F. NORERO
FLORIDA P. E. NO. 73778
1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

BUILDING DROPS, INC.
1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
PH:(954)399-8478 FX:(954)744-4738

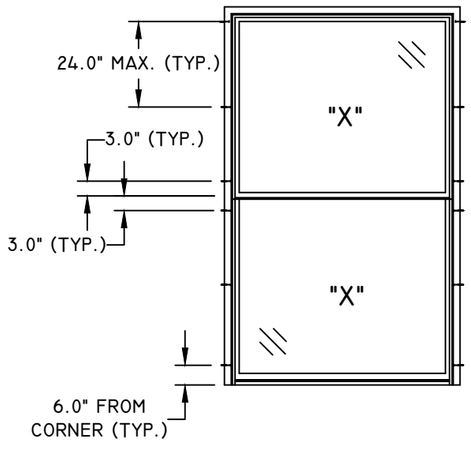
FL#: 14996

DWG #: SWD031

SHEET: 1 OF 5



ELEVATION



ANCHOR LAYOUT THROUGH FRAME

AMERICAN CRAFTSMAN
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TITLE: VI SERIES/50 SERIES DOUBLE HUNG (NON-IMPACT
ELEVATIONS & ANCHOR LAYOUTS

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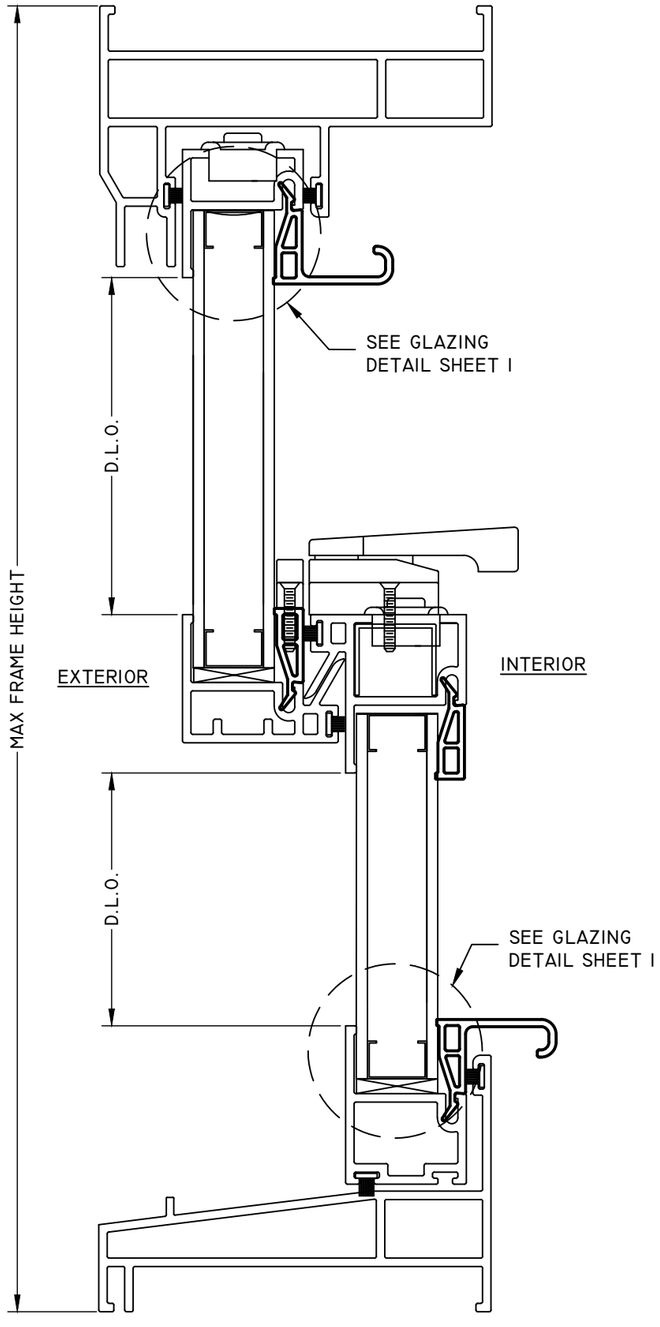
A/3 VERTICAL SECTION



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SILVER LINE WINDOWS AND
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VERTICAL SECTIONS

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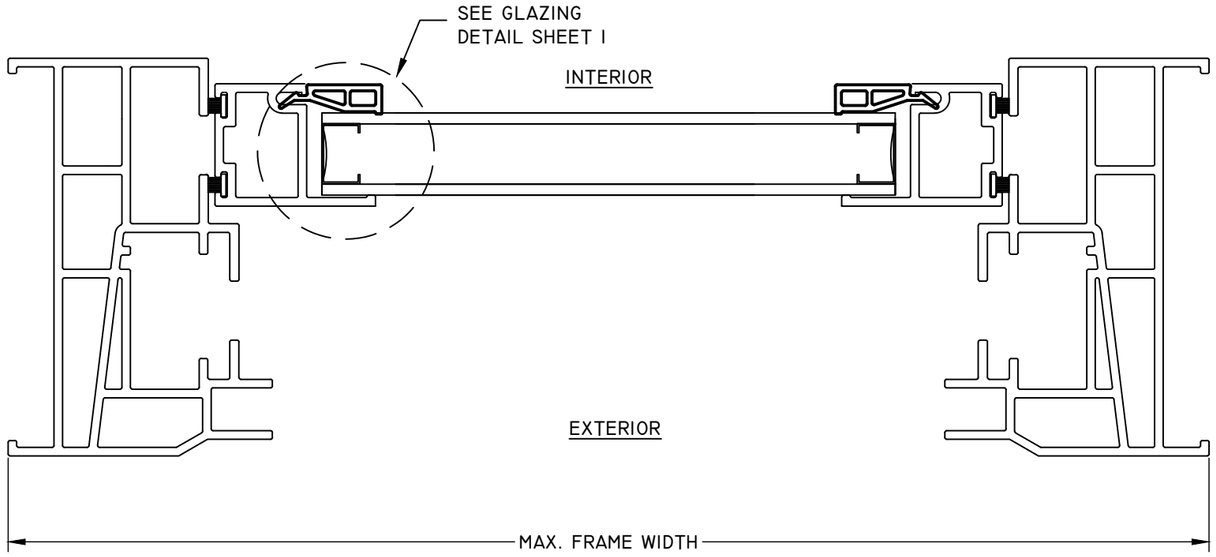
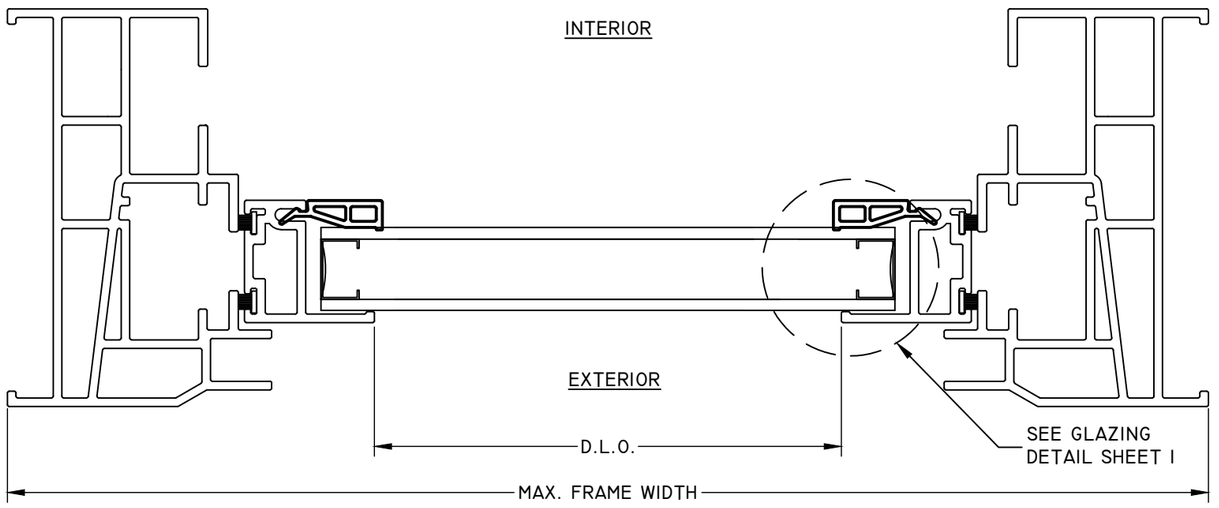


A/4 HORIZONTAL SECTION



B/4 HORIZONTAL SECTION

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HORIZONTAL SECTIONS

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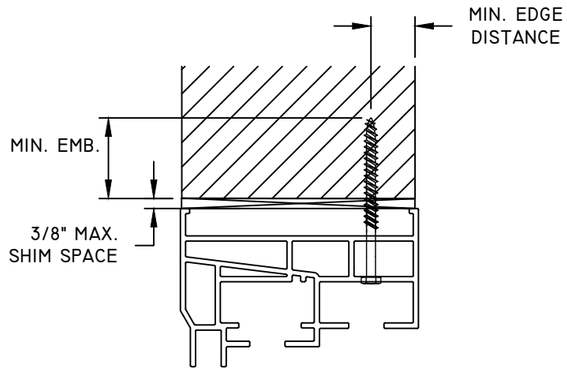
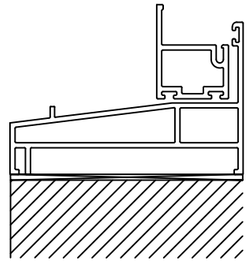
SHEET: 4 OF 5



A/5 ANCHOR DETAIL
THROUGH FRAME (HEAD)



B/5 ANCHOR DETAIL
THROUGH FRAME (SILL)

NOTE:
JAMB HAVE SIMILAR DETAILS AS HEAD

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 OF THE MAXIMUM SIZE LISTED.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±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.
4. 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.
5. FOR MASONRY OR CONCRETE OPENINGS, A 1X WOOD BUCK MAY BE USED (OPTIONAL) AS LONG AS THE MINIMUM EMBEDMENT AND EDGE DISTANCE REQUIREMENTS ARE STILL MET WITHIN THE CORRESPONDING HOST SUBSTRATE. SEE GENERAL NOTE #3 ON SHEET 1 FOR MORE INFORMATION.
6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
7. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
8. 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.
9. 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 SCHEDULE	MIN EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME	WOOD: MIN. SG = 0.55	#10 WOOD SCREW	1.5"	0.75"
	METAL: 18 GAUGE Steel, MIN. Fy = 33KSI	#14 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.75"
	CONCRETE: f'c=2000PSI	1/4" ITW TAPCON	1.75"	2.5"
	MASONRY: CMU per ASTM C90	1/4" ITW TAPCON	1.75"	2.5"

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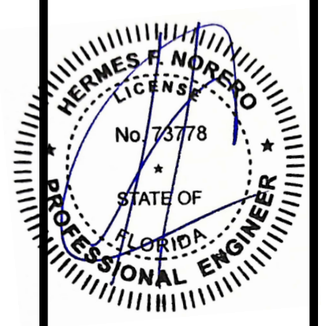

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SHEET: 5 OF 5