

SHWINCO ARCHITECTURAL PRODUCTS, LLC.

SERIES 9000 SINGLE HUNG WINDOW

(HVHZ)(IMPACT)

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 FLANGE AND CLIP INSTALLATION INTO WOOD FRAMING USE # 10 WOOD SCREW INSTALLATION THROUGH FRAME WITH SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
6. FOR FLANGE AND CLIP INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE 3/16 INCH DIAMETER ITW TAPCON OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
7. FOR FLANGE AND CLIP INSTALLATION INTO METAL SUBSTRATE, USE #10 TEK SCREW OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM EMBEDMENT OF 3 THREADS PENETRATION BEYOND METAL WALL.
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. GROUT-FILLED CMU- 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.

D. HOLLOW BLOCK CMU - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.

E. STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM WALL THICKNESS OF 47.8 MILS. (18 GUAGE)

F. ALUMINUM - ALLOY SHALL BE 6063-T5 OR EQUIVALENT. MINIMUM (0.090") WALL THICKNESS

GENERAL NOTES:

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

TAS 201-94

TAS 202-94

TAS 203-94

ASTM E1886-19

ASTM E1996-20

AAMA/WDMA/CSA 101/I.S.2/A440-17
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X 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 NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. WINDOW FRAME MATERIAL: VINYL (PVC)
7. GLASS MEETS ASTM E 1300 GLASS CHART REQUIREMENTS. SEE SHEET 2 FOR GLAZING DETAIL.
8. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:

X: OPERABLE PANEL

O: FIXED PANEL

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	INSTALLATION & GENERAL NOTES
2	GLAZING DETAILS
3	ELEVATION & ANCHOR LAYOUT
4	ELEVATION & ANCHOR LAYOUT
5	VERTICAL SECTIONS
6	HORIZONTAL SECTIONS
7	COMPONENTS & BILL OF MATERIALS
8	COMPONENTS

DESIGN PRESSURE RATINGS					
SIZE	DESIGN PRESSURE	GLAZING	MISSILE IMPACT RATING	SILL RISER	JAMB CAP
53" x 96"	+60/-70 PSF	A	LARGE MISSILE IMPACT RATED	2.31"	W/
53" x 96"	+50/-50 PSF	B	LARGE MISSILE IMPACT RATED	1.5"	W/
36.63" X 74"	+70/-110 PSF	C	LARGE & SMALL MISSILE IMPACT RATED	1.5"	W/
36.63" X 74"	+100/-120 PSF	A	LARGE MISSILE IMPACT RATED	2.31"	W/
53" X 96"	+60/-60 PSF	A	LARGE MISSILE IMPACT RATED	1.5"	W/O
53" X 74"	+70/-70 PSF	A	LARGE MISSILE IMPACT RATED	1.5"	W/O
53" X 74"	+80/-80 PSF	A	LARGE MISSILE IMPACT RATED	2.31"	W/O



171 JET SERVICES WAY
DOTHAN, AL 36303
PH: (334) 556-1000

TITLE: SERIES 9000 SINGLE HUNG WINDOW (HVHZ)(IMPACT)

INSTALLATION & GENERAL NOTES

PREPARED BY:

BUILDING DROPS, INC.

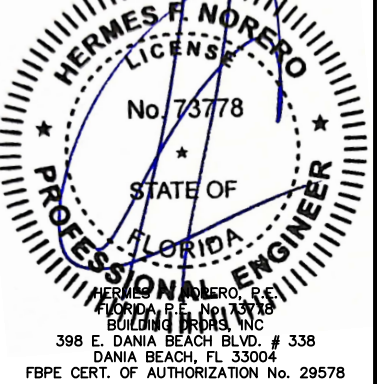
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

BUILDING DROPS

REMARKS	BY	DATE
NEW TESTING	LL	3/21
REVISION TO REINF.	LL	7/21
2023 FBC UPDATE	MS	10/11/23

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.

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.11.29 20:40:58 -0500



FL #:
FL8153

DATE: 09.25.2020

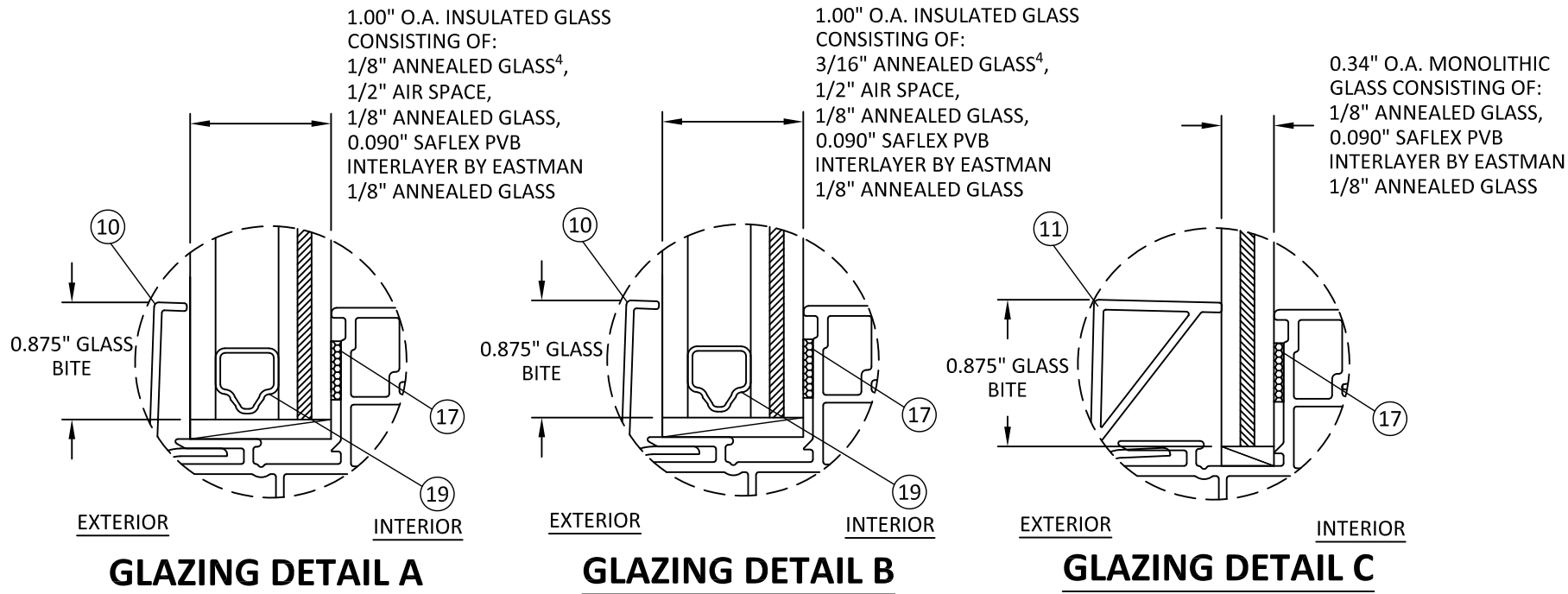
DWG. BY: NUS	CHK. BY: HFN
------------------------	------------------------

SCALE: **NTS**

DWG. #: **SWD053**

SHEET

1



- NOTE:
1. ALL GLAZING SHALL MEET SAFETY GLAZING REQUIREMENTS AS PER CH 24 OF THE FBC.
 2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.
 3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER CHAPTER 24.
 4. TEMPERED GLASS ON SACRIFICIAL LITE SHALL BE USED ON APPLICATIONS 30 FEET ABOVE GROUND.



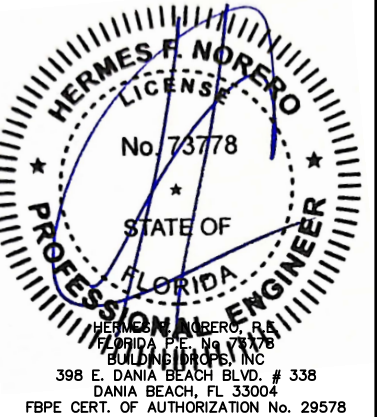
171 JET SERVICES WAY
DOTHAN, AL 36303
PH: (334) 556-1000

TITLE: SERIES 9000 SINGLE HUNG WINDOW
(HVVHZ)(IMPACT)
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
NEW TESTING	LL	3/21
REVISION TO REINF.	LL	7/21
2023 FBC UPDATE	MS	10/11/23

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.



FL #:
FL8153

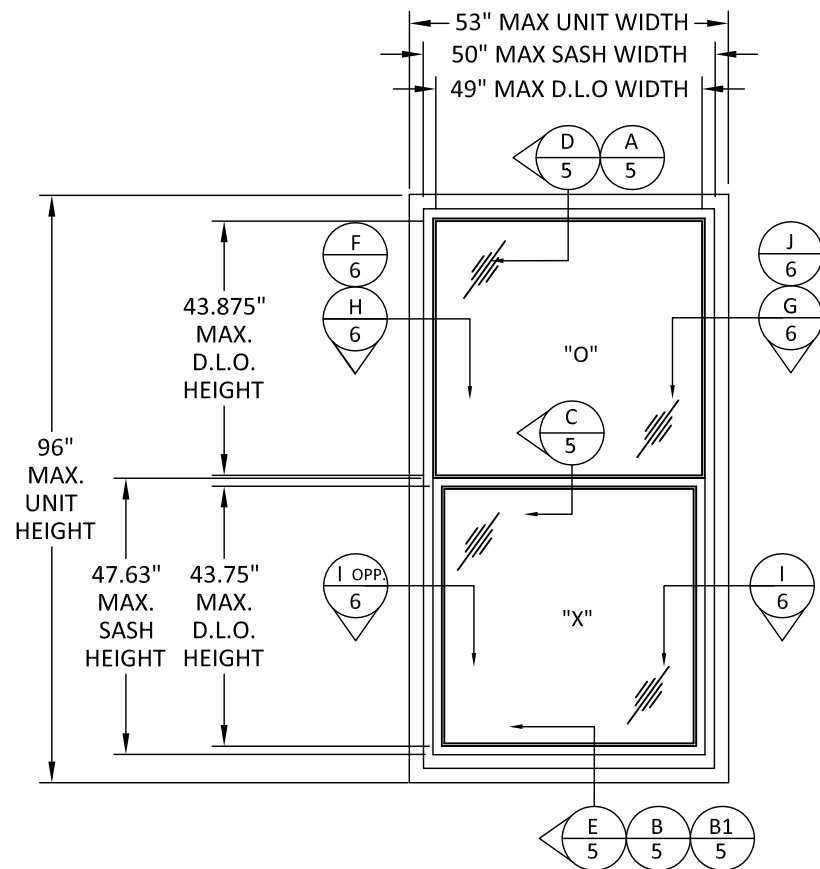
DATE: 09.25.2020

DWG. BY: NUS	CHK. BY: HFN
------------------------	------------------------

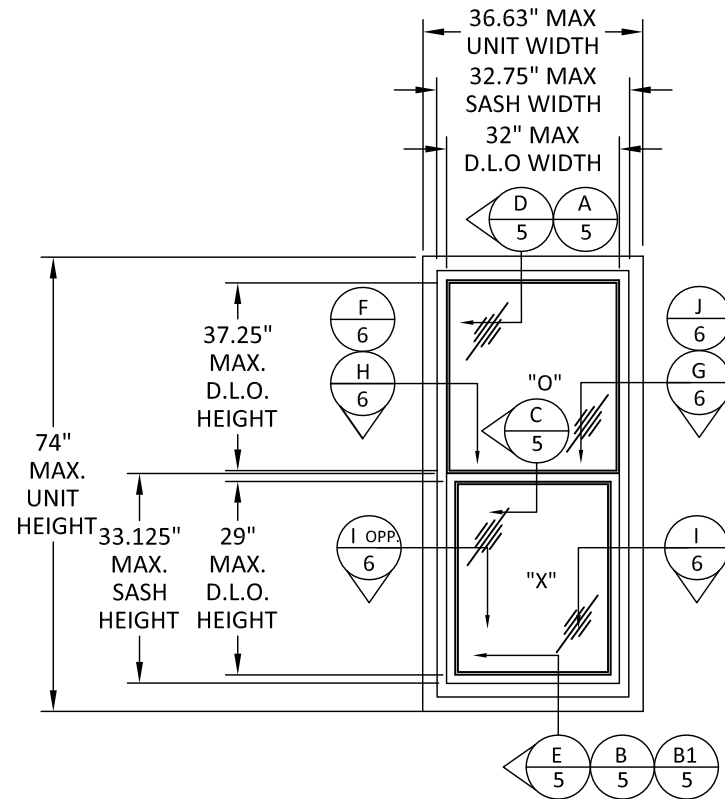
SCALE: **NTS**

DWG. #: **SWD053**

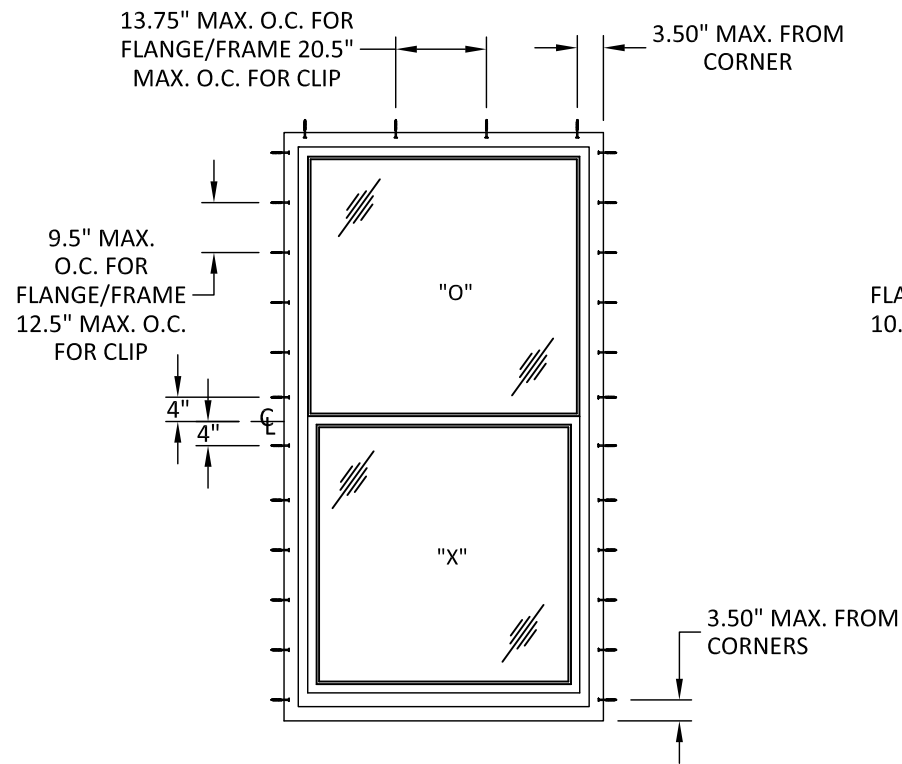
SHEET
2



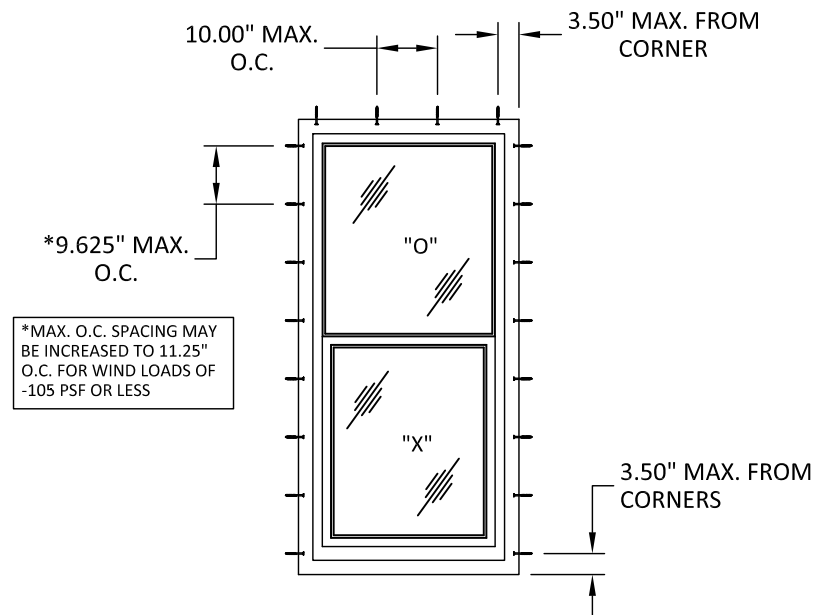
ELEVATION
+50/-50 PSF OR +60/-70 PSF



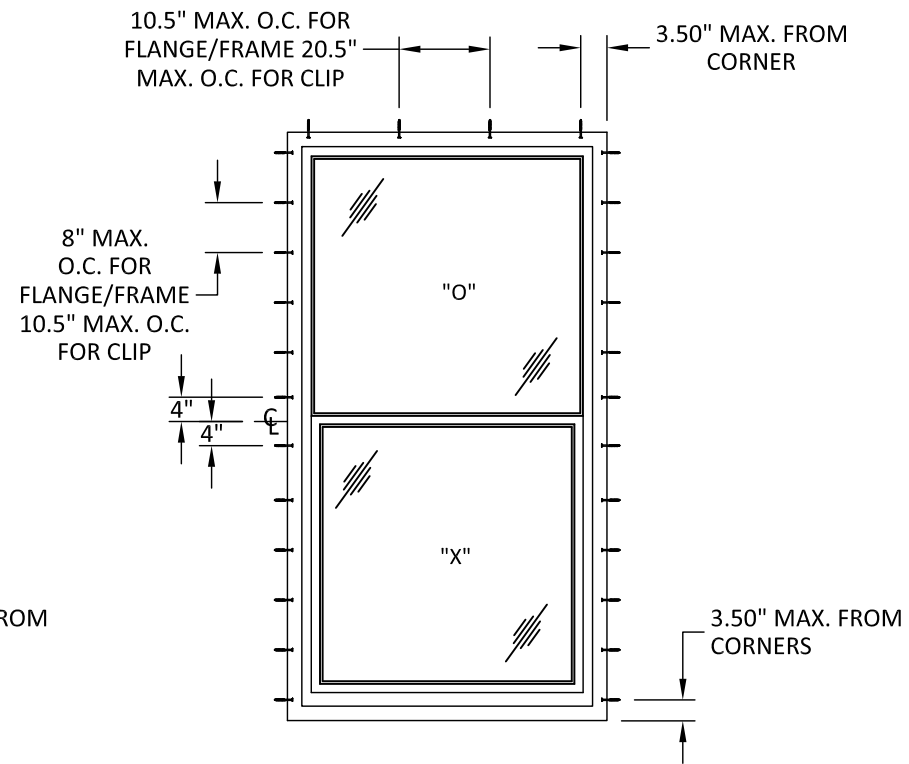
ELEVATION
+70/-110 PSF OR +100/-120 PSF



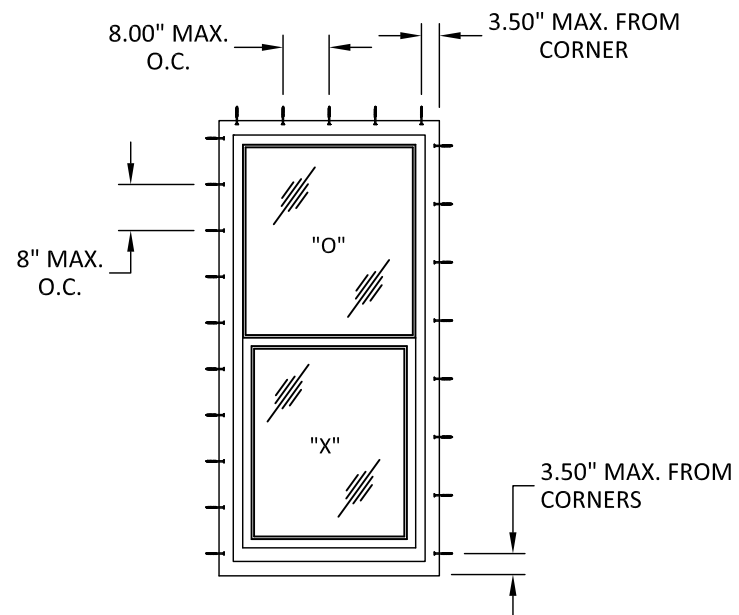
ANCHOR LAYOUT
CLIP OR FLANGE/THROUGH FRAME
+50/-50 PSF OR +60/-70 PSF
WOOD AND METAL SUBSTRATES



ANCHOR LAYOUT
CLIP OR FLANGE/THROUGH FRAME
+70/-110 PSF OR +100/-120 PSF
WOOD AND METAL SUBSTRATES



ANCHOR LAYOUT
CLIP OR FLANGE/THROUGH FRAME
+50/-50 PSF OR +60/-70 PSF
CONCRETE AND MASONRY SUBSTRATES



ANCHOR LAYOUT
CLIP OR FLANGE/THROUGH FRAME
+70/-110 PSF OR +100/-120 PSF
CONCRETE AND MASONRY SUBSTRATES



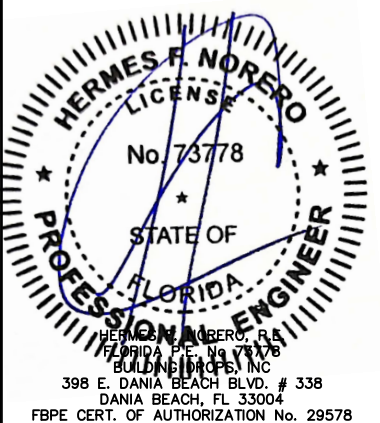
171 JET SERVICES WAY
DOTHAN, AL 36303
PH: (334) 556-1000

TITLE: SERIES 9000 SINGLE HUNG WINDOW (HVHZ)/(IMPACT)
ELEVATION & ANCHOR LAYOUT

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
NEW TESTING	LL	3/21
REVISION TO REINF.	LL	7/21
2023 FBC UPDATE	MS	10/11/23

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.



FL #:
FL8153

DATE: 09.25.2020

DWG. BY: NUS
CHK. BY: HFN

SCALE: NTS

DWG. #: SWD053

SHEET
3
OF 8

TITLE: SERIES 9000 SINGLE HUNG
WINDOW
(HVHZ)/(IMPACT)
ELEVATION & ANCHOR LAYOUT

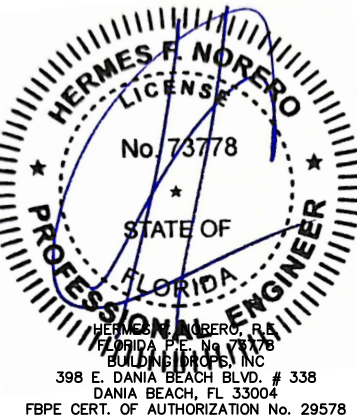
PREPARED BY:

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

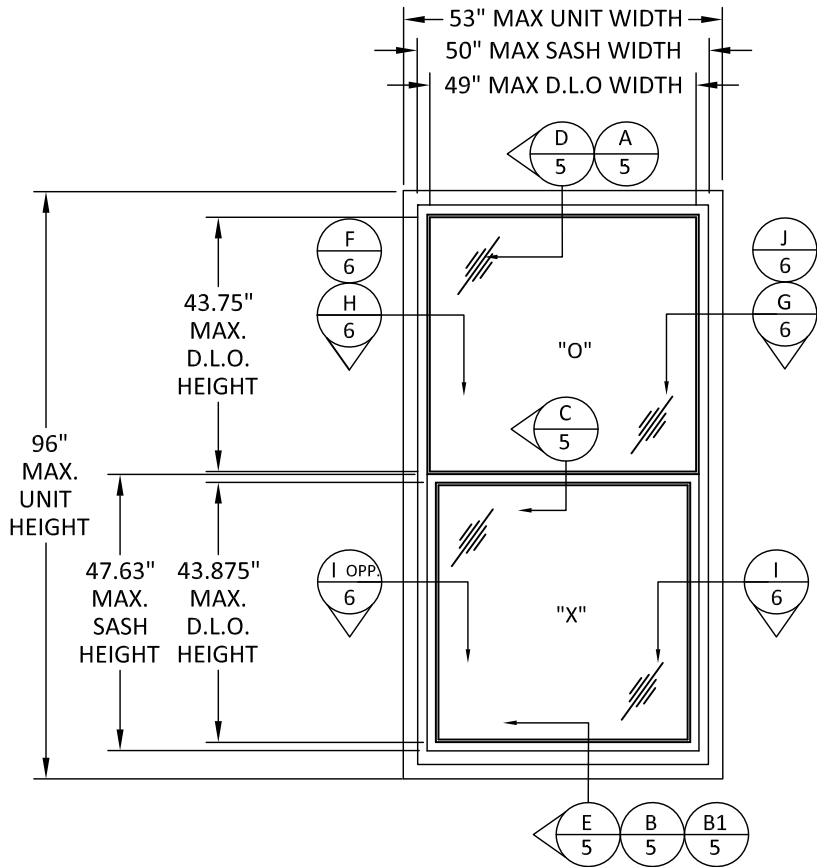


REMARKS	BY	DATE
NEW TESTING	LL	3/21
REVISION TO REINF.	LL	7/21
2023 FBC UPDATE	MS	10/11/23

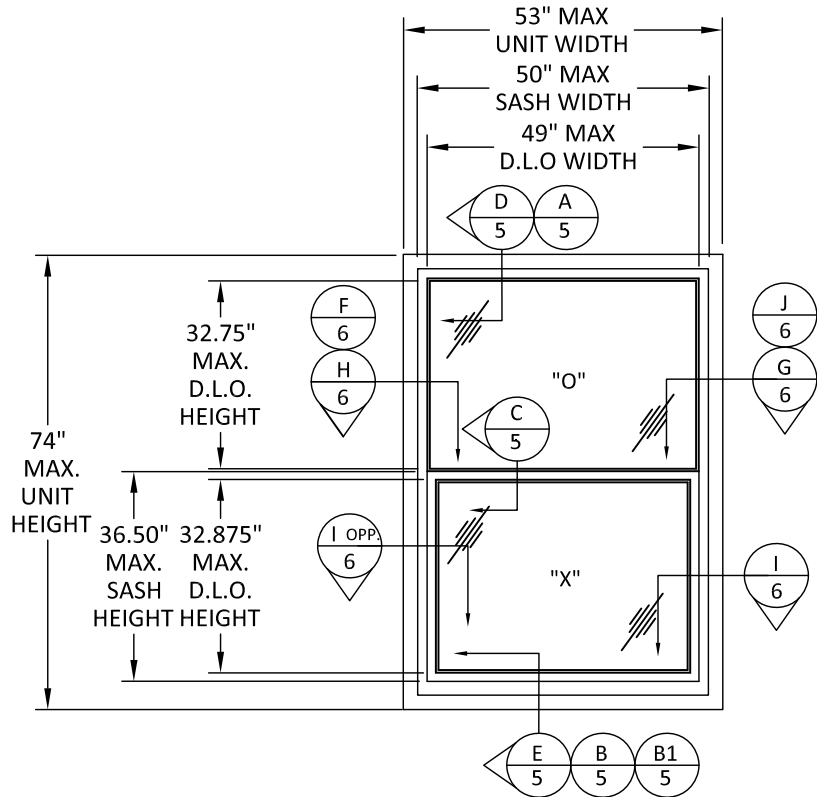
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



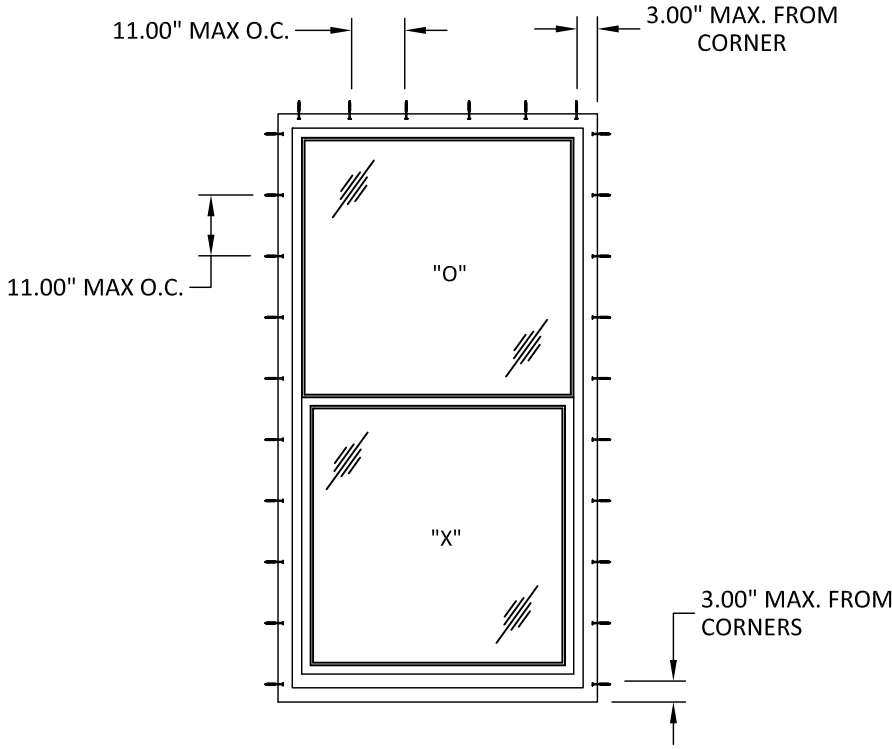
FL #:	FL8153
DATE:	09.25.2020
DWG. BY:	NUS
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	SWD053
SHEET	4



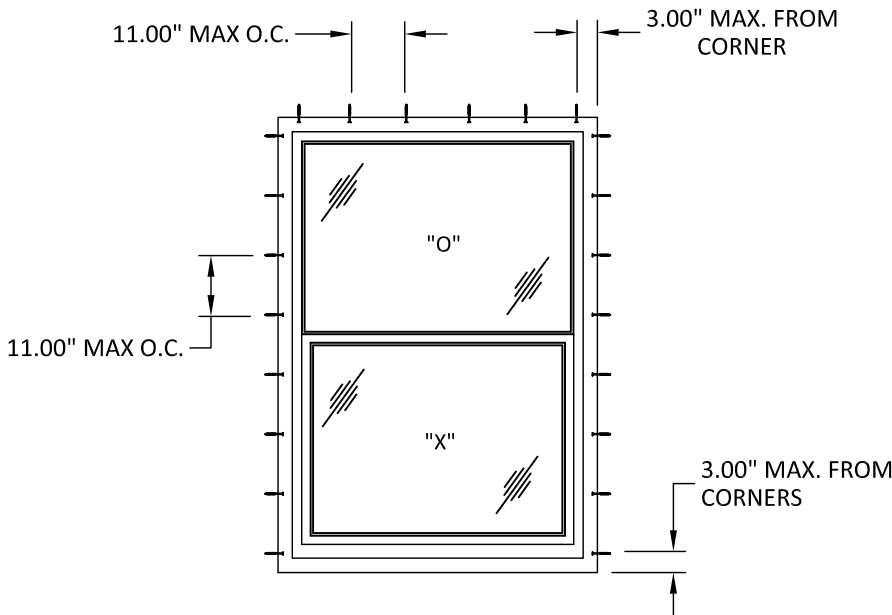
ELEVATION
+60/-60 PSF



ELEVATION
+80/-80 PSF OR +70/-70 PSF

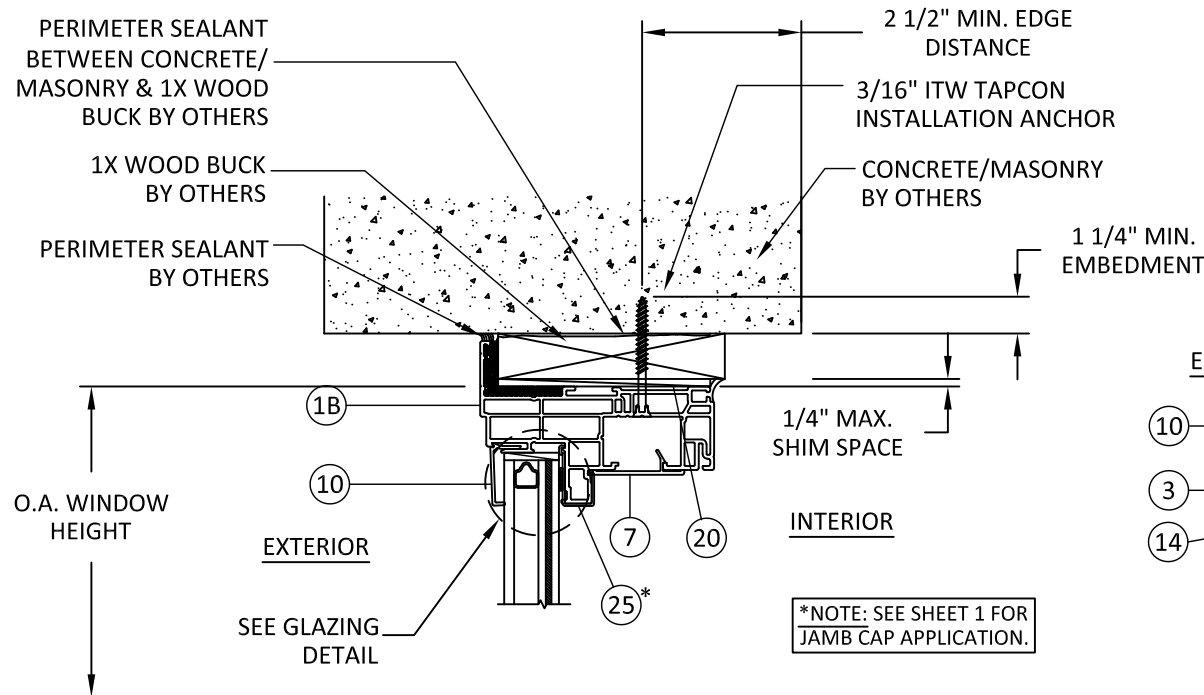


ANCHOR LAYOUT
CLIP OR FLANGE/THROUGH FRAME
+60/-60 PSF
WOOD, CONCRETE, MASONRY AND METAL SUBSTRATES

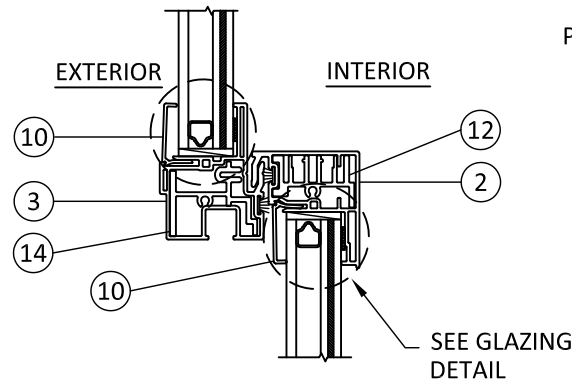


ANCHOR LAYOUT
CLIP OR FLANGE/THROUGH FRAME
+80/-80 PSF OR +70/-70 PSF
WOOD, CONCRETE, MASONRY AND METAL SUBSTRATES

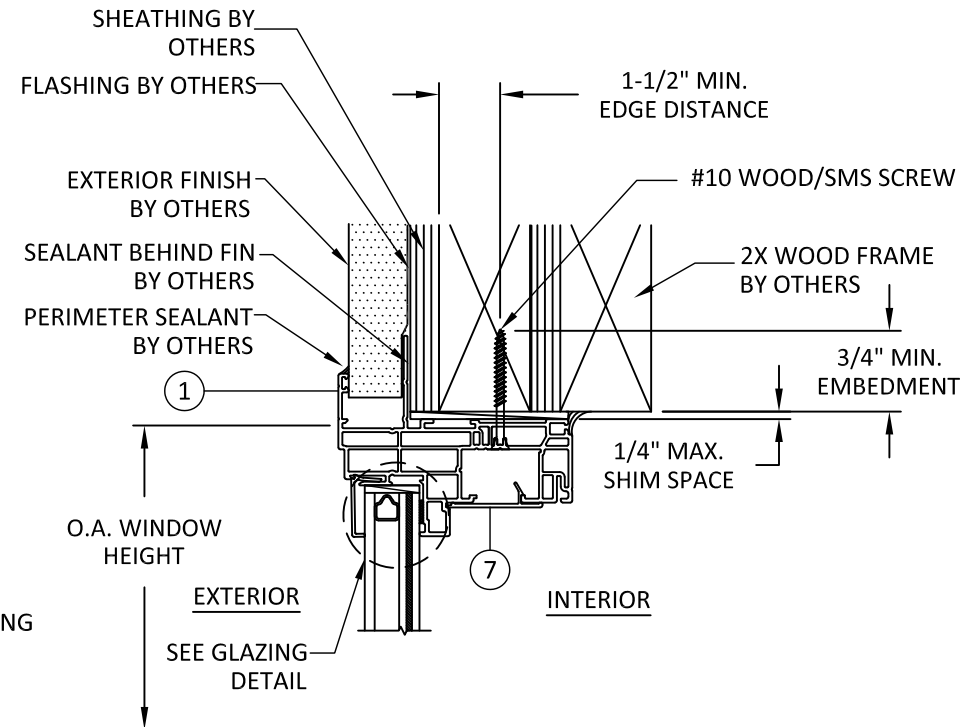
s:\projects\shwinco architectural products\cc-23-0831.1 - fbc submittal - 2023 code change\dwgs\swd053.dwg 10/12/2023 9:05 AM



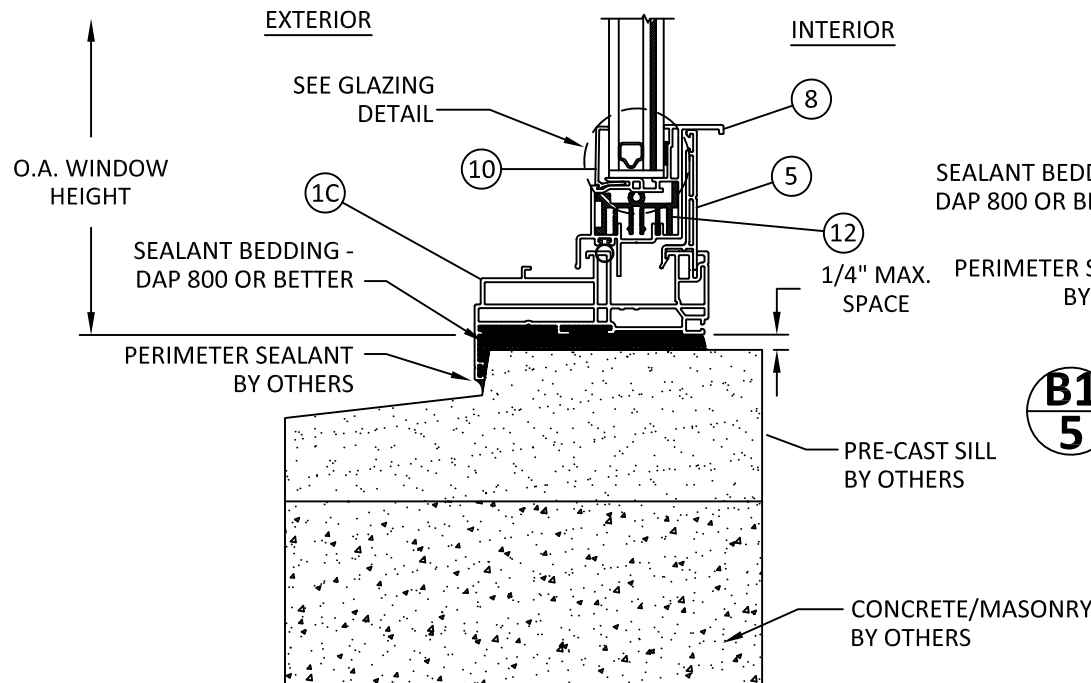
A
5 **VERTICAL SECTION**
HEAD - CONCRETE/MASONRY
FLANGE/THROUGH FRAME



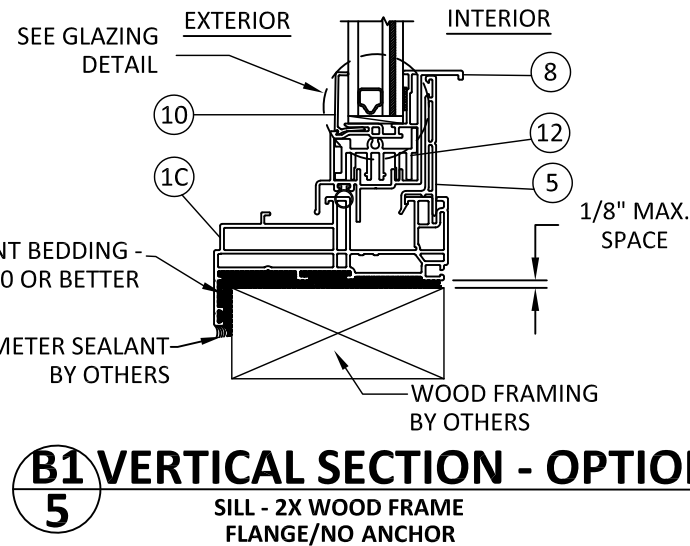
C
5 **VERTICAL SECTION**
MEETING RAIL



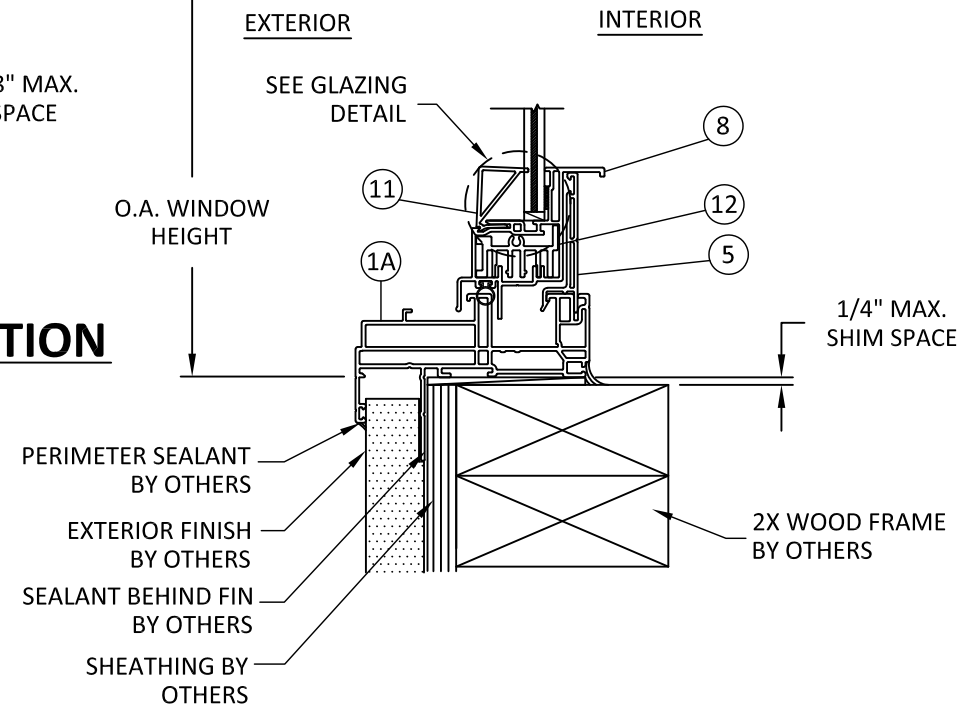
D
5 **VERTICAL SECTION**
HEAD - 2X WOOD FRAME
J-CHANNEL/THROUGH FRAME



B
5 **VERTICAL SECTION**
PRE-CAST SILL - CONCRETE/MASONRY
FLANGE/NO ANCHOR



B1
5 **VERTICAL SECTION - OPTION**
SILL - 2X WOOD FRAME
FLANGE/NO ANCHOR



E
5 **VERTICAL SECTION**
SILL - 2X WOOD FRAME
J-CHANNEL/NO ANCHOR

NOTE:
FOR DETAILS SHOWING J-CHANNEL FRAME TYPE, USE OF NAIL
FIN AND ANCHORS THROUGH THE NAIL FIN IS OPTIONAL AND
NOT REQUIRED FOR STRUCTURAL PURPOSES. PROPER
SEALING IS THE RESPONSIBILITY OF THE INSTALLER.



171 JET SERVICES WAY
DOTHAN, AL 36303
PH: (334) 556-1000

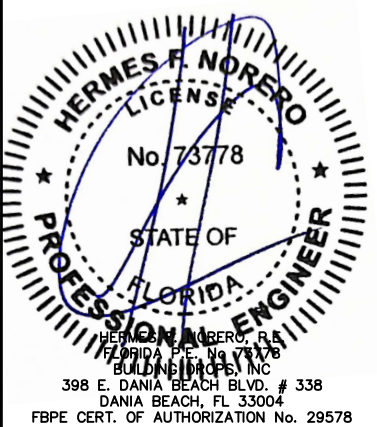
TITLE: SERIES 9000 SINGLE HUNG
WINDOW
(HVHZ)/(IMPACT)
VERTICAL SECTIONS

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

B.D.
BUILDING DROPS

REMARKS	BY	DATE
NEW TESTING	LL	3/21
REVISION TO REINF.	LL	7/21
2023 FBC UPDATE	MS	10/11/23

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.

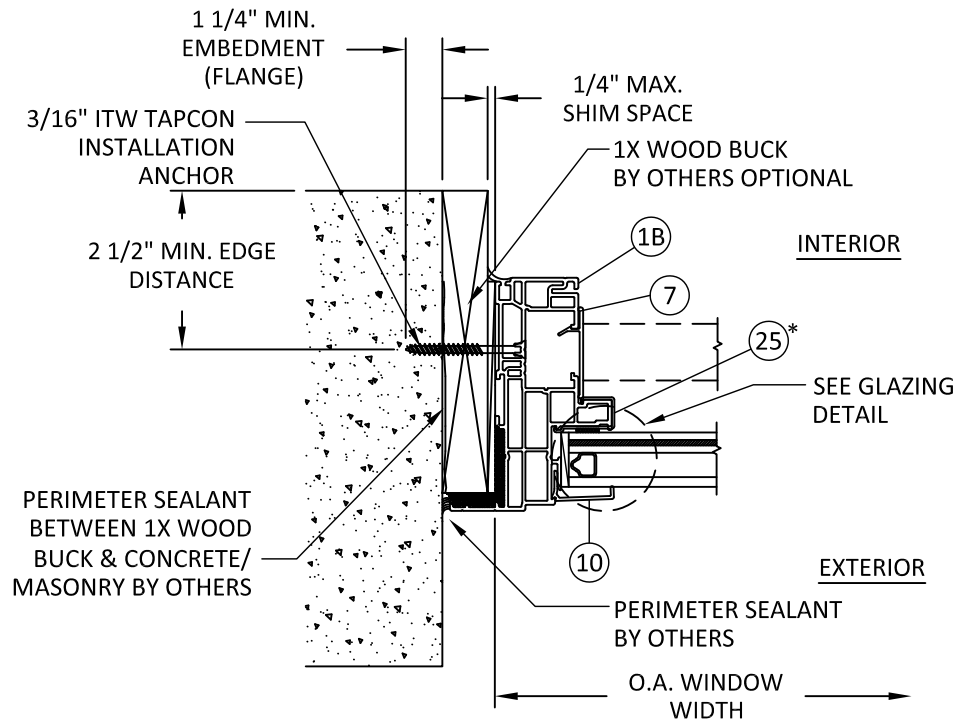


FL #:	FL8153
DATE:	09.25.2020
DWG. BY:	NUS
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	SWD053
SHEET	

5

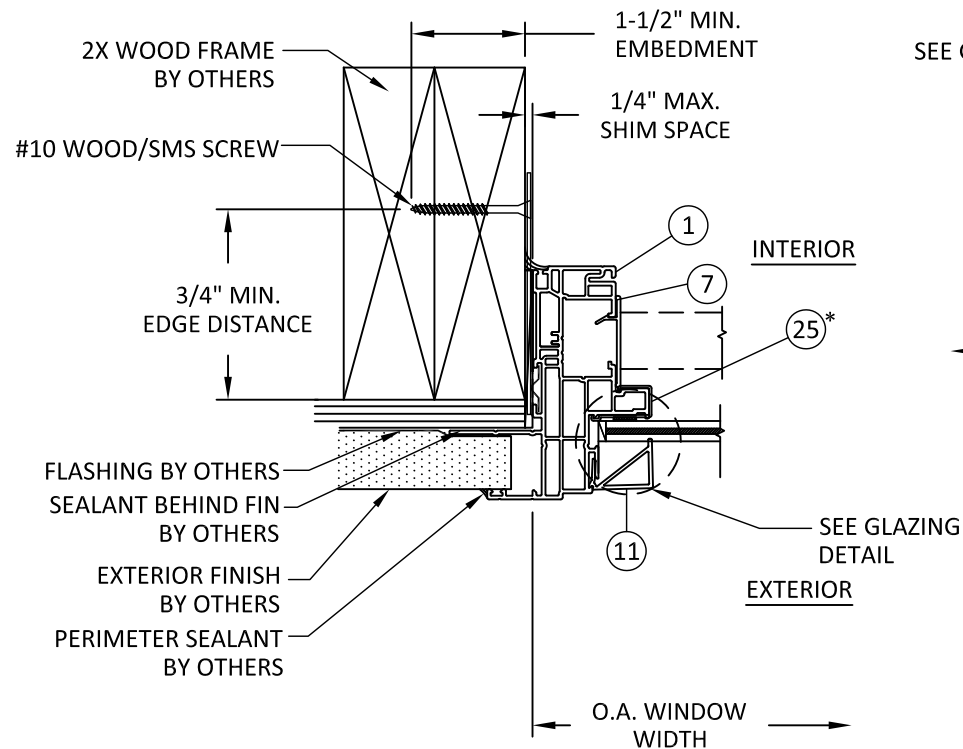
10/12/2023 9:06 AM

s:\projects\shwinco architectural products\cc-23-0831.1 - fbc submittal - 2023 code change\dws\swd053.dwg

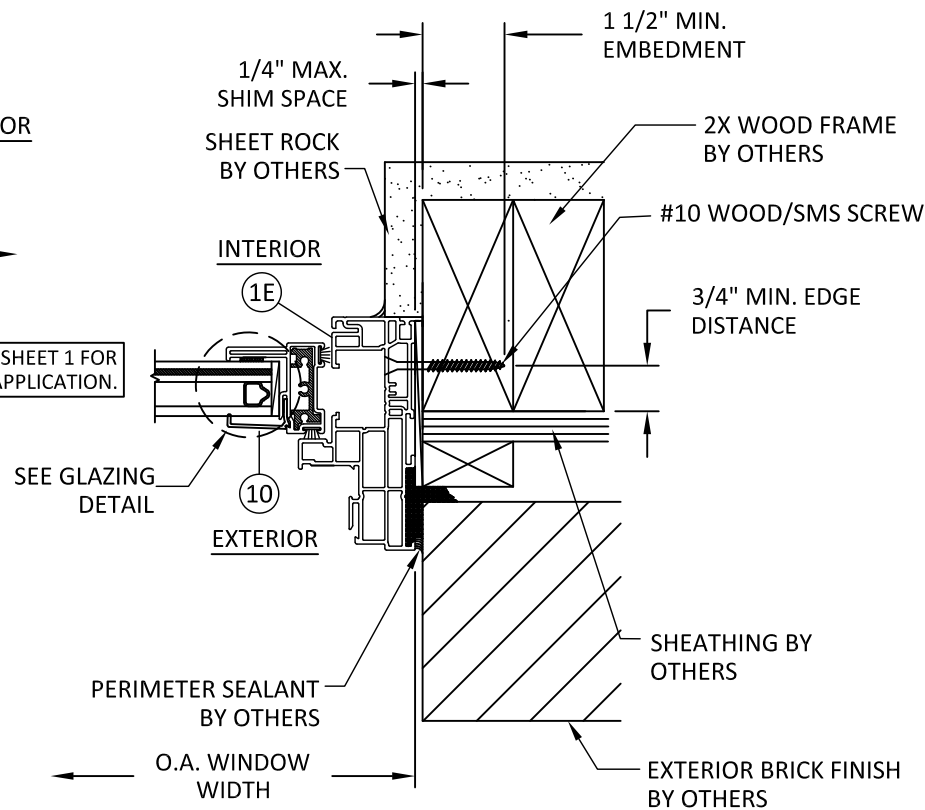


F
6 **HORIZONTAL SECTION**
JAMB - CONCRETE/MASONRY
FLANGE/THROUGH FRAME

*NOTE: SEE SHEET 1 FOR
JAMB CAP APPLICATION.

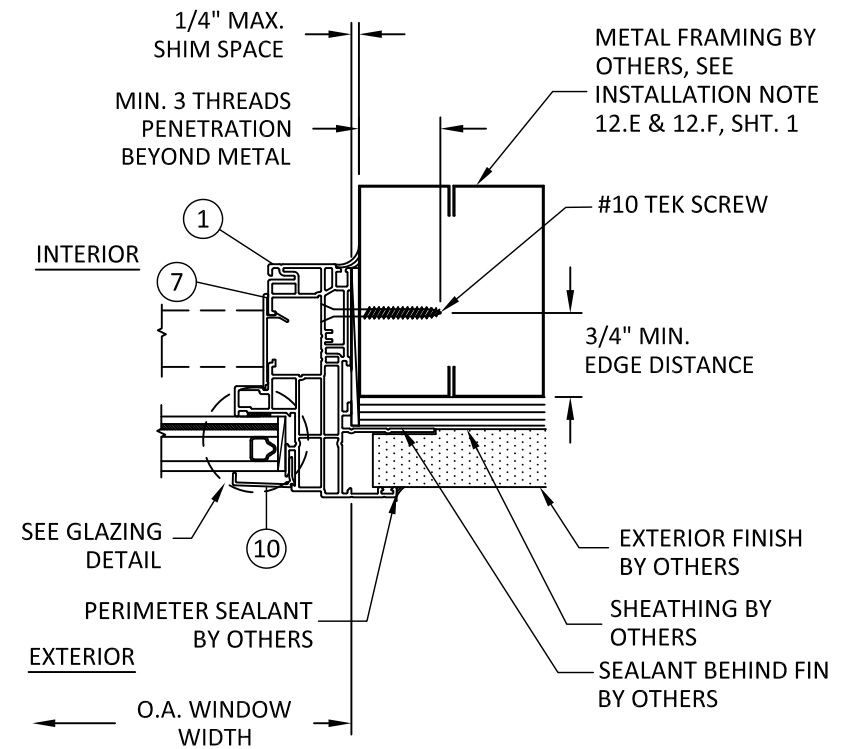


H
6 **HORIZONTAL SECTION**
JAMB - 2X WOOD FRAME
J-CHANNEL/CLIP

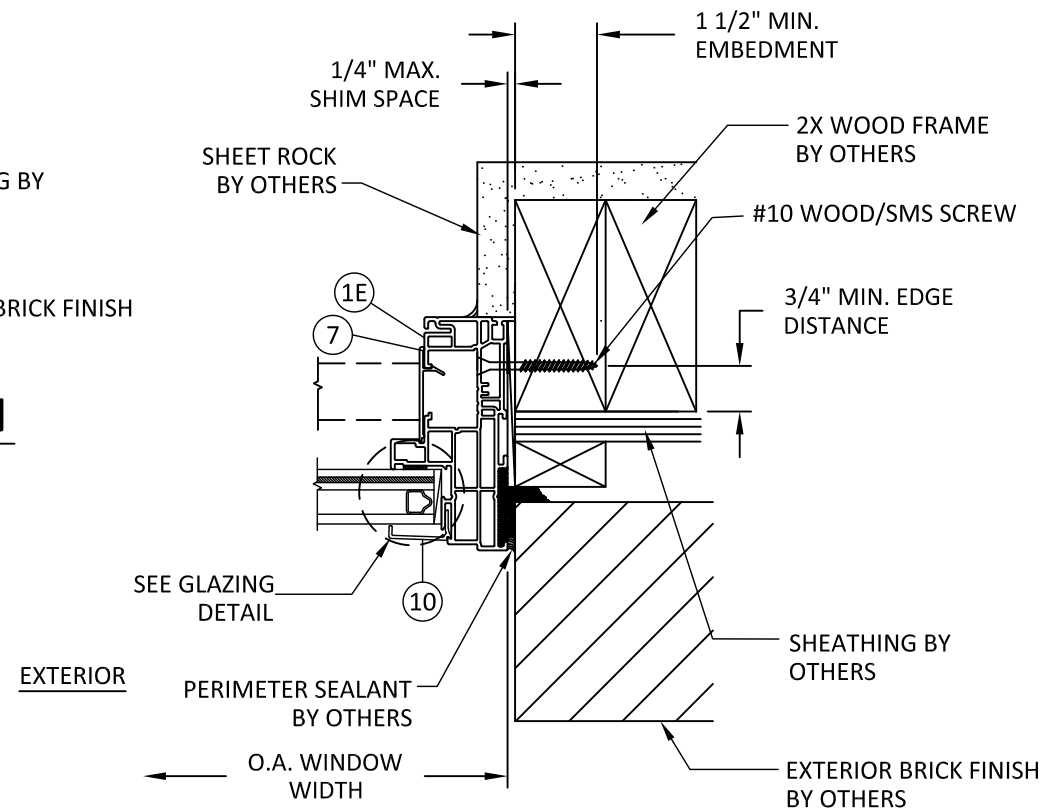


I
6 **HORIZONTAL SECTION**
JAMB - 2X WOOD FRAMING
REPLACEMENT/THROUGH FRAME

NOTE:
FOR DETAILS SHOWING J-CHANNEL FRAME TYPE, USE OF NAIL
FIN AND ANCHORS THROUGH THE NAIL FIN IS OPTIONAL AND
NOT REQUIRED FOR STRUCTURAL PURPOSES. PROPER
SEALING IS THE RESPONSIBILITY OF THE INSTALLER.



G
6 **HORIZONTAL SECTION**
JAMB - METAL STUDS
J-CHANNEL/THROUGH FRAME



J
6 **HORIZONTAL SECTION**
JAMB - 2X WOOD FRAMING
REPLACEMENT/THROUGH FRAME



171 JET SERVICES WAY
DOTHAN, AL 36303
PH: (334) 556-1000

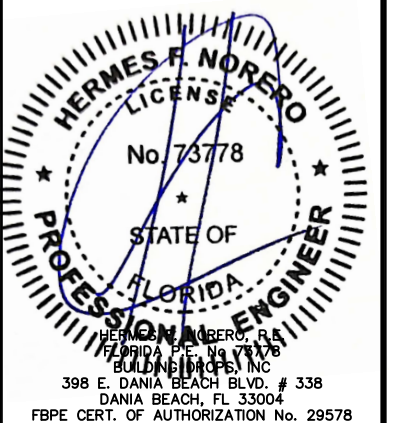
TITLE: SERIES 9000 SINGLE HUNG
WINDOW
(HVHZ)/(IMPACT)
HORIZONTAL SECTIONS

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

B.D.
BUILDING DROPS

REMARKS	BY	DATE
NEW TESTING	LL	3/21
REVISION TO REINF.	LL	7/21
2023 FBC UPDATE	MS	10/11/23

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.



FL #:	FL8153
DATE:	09.25.2020
DWG. BY:	NUS
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	SWD053
SHEET	

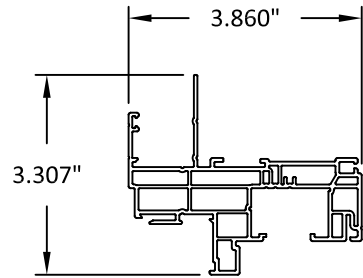
6

10/12/2023 9:06 AM

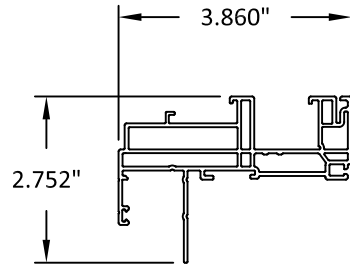
s:\projects\shwinco architectural products\cc-23-0831.1 - fbc submittal - 2023 code change\dwgs\swd053.dwg

BILL OF MATERIALS			
ITEM NO.	DESCRIPTION	MATERIAL	MANUFACTURER
1	HEAD, JAMB FRAME (J-CHANNEL)	VINYL	VISION
1A	SILL FRAME (J-CHANNEL)	VINYL	VISION
1B	HEAD, JAMB FRAME (FLANGE)	VINYL	VISION
1C	SILL FRAME (FLANGE)	VINYL	VISION
1D	HEAD, JAMB FRAME (REPLACEMENT)	VINYL	VISION
1E	SILL FRAME (REPLACEMENT)	VINYL	VISION
2	SASH HEAD	VINYL	VISION
3	FIXED MEETING RAIL	VINYL	VISION
4	HEAD INSERT	VINYL	VISION
5	SILL RISER (2.31")	VINYL	VISION
6	SILL RISER (1.5")	VINYL	VISION
7	JAMB COVER (OPTION)	VINYL	VISION
8	LIFT RAIL	VINYL	VISION
9	STILE	VINYL	VISION
10	GLAZING BEAD (INSULATED)	VINYL	VISION
11	GLAZING BEAD (MONOLITHIC)	VINYL	VISION
12	SASH HEAD / LIFT RAIL REINFORCEMENT	6063-T6	TIFTON/AFCO
13	STILE REINFORCEMENT	6063-T6	TIFTON/AFCO
14	MEETING RAIL REINFORCEMENT	6063-T6	TIFTON/AFCO
15	BALANCE COVER (OPTION)	VINYL	VISION
16	WEATHERSTRIPING	FIN SEAL	AMESBURY
17	GLASS BEDDING - DOW 1199	SILICONE	DOW CORNING
18	PERIMETER SEALANT	SILICONE	VARIES
19	DURA-SEAL IG SPACER		QUANEX
20	INSTALLATION CLIP	STEEL	CVDRIVER
21	TILT LATCH		DALWORTH
22	LOCK/KEEPER		ASHLAND/TRUTH HARDWARE
23	PIVOT BAR	STAINLESS STEEL	CALDWELL
24	SPIRAL BALANCES		CALDWELL
25	JAMB CAP	VINYL	VISION

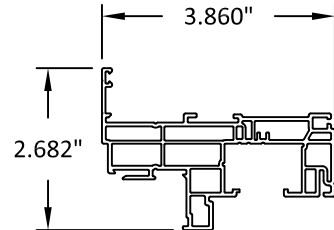
1 HEAD, JAMB FRAME (J-CHANNEL)
VINYL
TYPICAL WALL THICKNESS: .060"



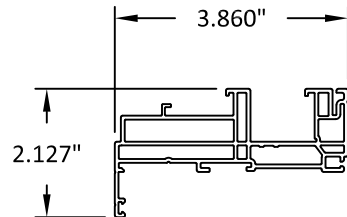
1A SILL FRAME (J-CHANNEL)
VINYL
TYPICAL WALL THICKNESS: .060"



1B HEAD, JAMB FRAME (FLANGE)
VINYL
TYPICAL WALL THICKNESS: .060"



1C SILL FRAME (FLANGE)
VINYL
TYPICAL WALL THICKNESS: .060"



171 JET SERVICES WAY
DOTHAN, AL 36303
PH: (334) 556-1000

TITLE: SERIES 9000 SINGLE HUNG

WINDOW
(HVHZ)/(IMPACT)
COMPONENTS & BILL OF MATERIALS

PREPARED BY:

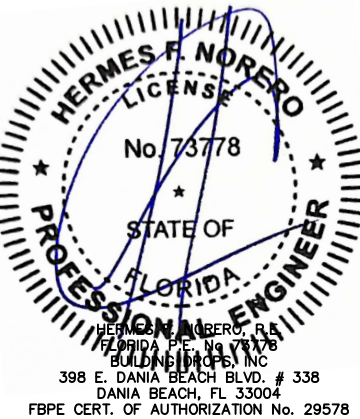
BUILDING DROPS, INC.

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
NEW TESTING	LL	3/21
REVISION TO REINF.	LL	7/21
2023 FBC UPDATE	MS	10/11/23

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.



FL #:

FL8153

DATE: 09.25.2020

DWG. BY:
NUS

CHK. BY:
HFN

SCALE: NTS

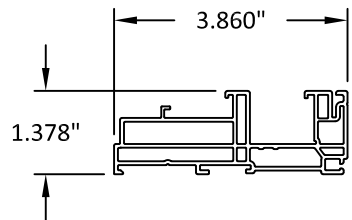
DWG. #: SWD053

SHEET

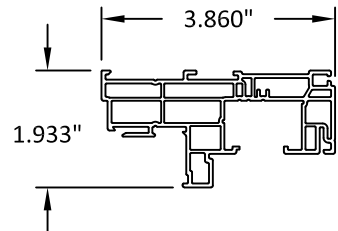
7

OF 8

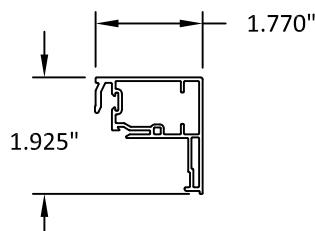
1D SILL FRAME (REPLACEMENT)
VINYL
TYPICAL WALL THICKNESS: .060"



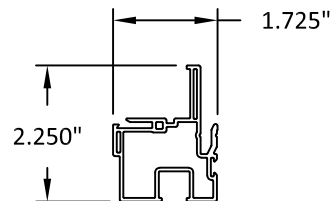
1E HEAD, JAMB FRAME (REPLACEMENT)
VINYL
TYPICAL WALL THICKNESS: .060"



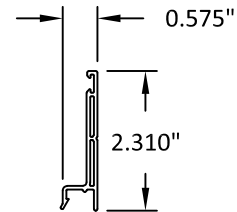
2 SASH HEAD
VINYL
TYPICAL WALL THICKNESS: .060"



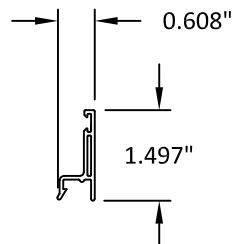
3 FIXED MEETING RAIL
VINYL
TYPICAL WALL THICKNESS: .050"



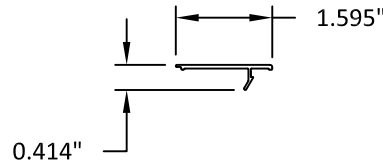
5 SILL RISER (2.31\")
VINYL
TYPICAL WALL THICKNESS: .060"



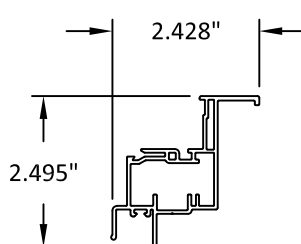
6 SILL RISER (1.5\")
VINYL
TYPICAL WALL THICKNESS: .060"



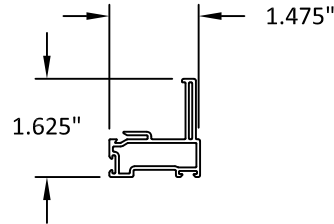
7 JAMB COVER (OPTION)
VINYL
TYPICAL WALL THICKNESS: .060"



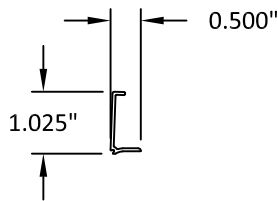
8 LIFT RAIL
VINYL
TYPICAL WALL THICKNESS: .060"



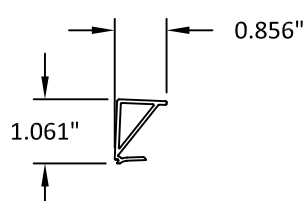
9 STILE
VINYL
TYPICAL WALL THICKNESS: .060"



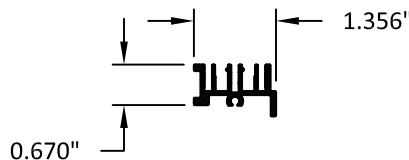
10 GLAZING BEAD (INSULATED)
VINYL
TYPICAL WALL THICKNESS: .050"



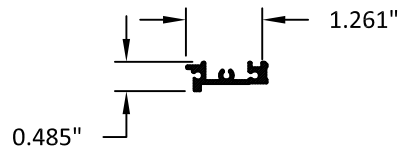
11 GLAZING BEAD (MONOLITHIC)
VINYL
TYPICAL WALL THICKNESS: .050"



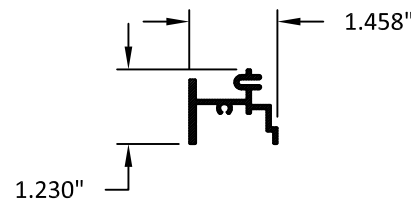
12 SASH HEAD / LIFT RAIL REINF.
6063-T6
TYPICAL WALL THICKNESS: .060"



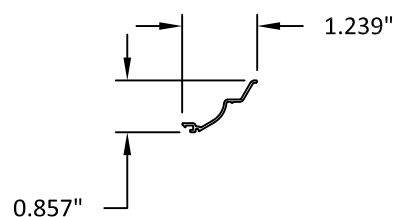
13 STILE REINFORCEMENT
6063-T6
TYPICAL WALL THICKNESS: .060"



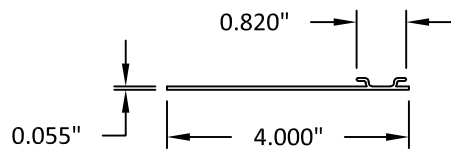
14 MEETING RAIL REINF.
6063-T6
TYPICAL WALL THICKNESS: .060"



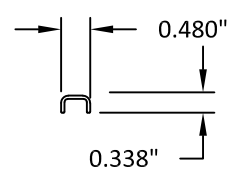
15 BALANCE COVER (OPTIONAL)
VINYL
TYPICAL WALL THICKNESS: .040"



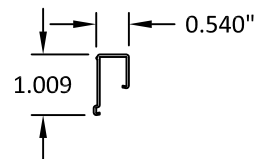
20 INSTALLATION CLIP
STEEL



23 PIVOT BAR
STAINLESS STEEL



25 JAMB CAP
VINYL



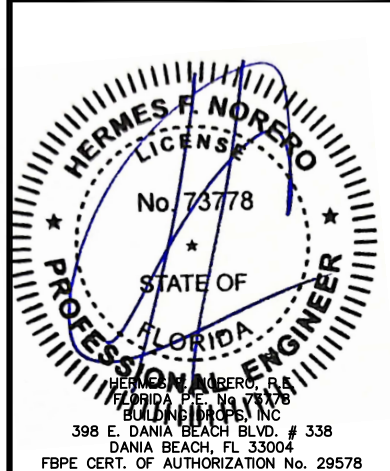
171 JET SERVICES WAY
DOTHAN, AL 36303
PH: (334) 556-1000

TITLE: SERIES 9000 SINGLE HUNG WINDOW (HVHZ)/(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
NEW TESTING	LL	3/21
REVISION TO REINF.	LL	7/21
2023 FBC UPDATE	MS	10/11/23

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.



FL #:
FL8153

DATE: 09.25.2020

DWG. BY: NUS
CHK. BY: HFN

SCALE: NTS

DWG. #: SWD053

SHEET
8

OF 8