

YKK AP AMERICA RESIDENTIAL

STYLEGUARD DOUBLE HUNG WINDOW

(HVHZ) (IMPACT)

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.
- 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.
- FOR INSTALLATION INTO WOOD FRAMING USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
- FOR INSTALLATION INTO METAL STUD USE #10 SELF-DRILLING SCREWS THROUGH THE FRAME OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 3 THREADS PENETRATION BEYOND METAL FRAME SUBSTRATE.
- FOR INSTALLATION INTO CONCRETE/MASONRY USE 3/16" ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT INTO CONCRETE/MASONRY SUBSTRATE.
- 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.
 - FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.1 (E.G., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).
 - CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).
- 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.
- 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.

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), **INCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - ASTM E283-19
 - ASTM E330-14
 - ASTM E331-00(23)
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
- 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.
- 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.
- 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.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: PVC
- DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL
- GLAZING MEETS ASTM E1300 REQUIREMENTS, SEE SHEET 4 FOR GLAZING DETAIL.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	INSTALLATION & GENERAL NOTES
2	ELEVATION & ANCHOR SCHEDULE
3	VERTICAL SECTIONS
4	HORIZONTAL DETAILS & GLAZING DETAILS
5	HORIZONTAL DETAILS

CONFIGURATION	DESIGN PRESSURE	MAX. FRAME SIZE	MISSILE IMPACT RATING
X/X	+50 / -50 PSF	44" x 76"	LARGE MISSILE IMPACT RATED
X/X	+50 / -50 PSF	52" x 62"	LARGE MISSILE IMPACT RATED



YKK AP AMERICA RESIDENTIAL
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (678) 838-6000

TITLE:
STYLEGUARD DOUBLE HUNG WINDOW
(HVHZ) (IMPACT)

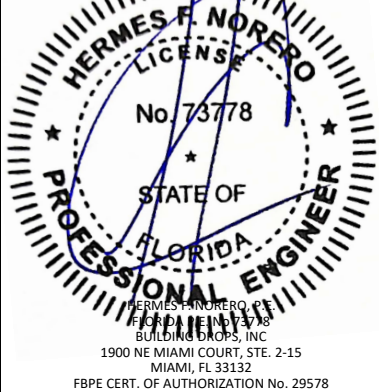
INSTALLATION & GENERAL NOTES

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
FBC CODE CHANGE	FB	09/07/23
2026 CODE CHANGE	SH	07/31/26

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: 2026.09.08 14:44:00'



FL #:
FL7533

DATE:
06.04.15

DWG. BY:
BB

CHK. BY:
HFN

SCALE:
NTS

DWG. #:
YKK139

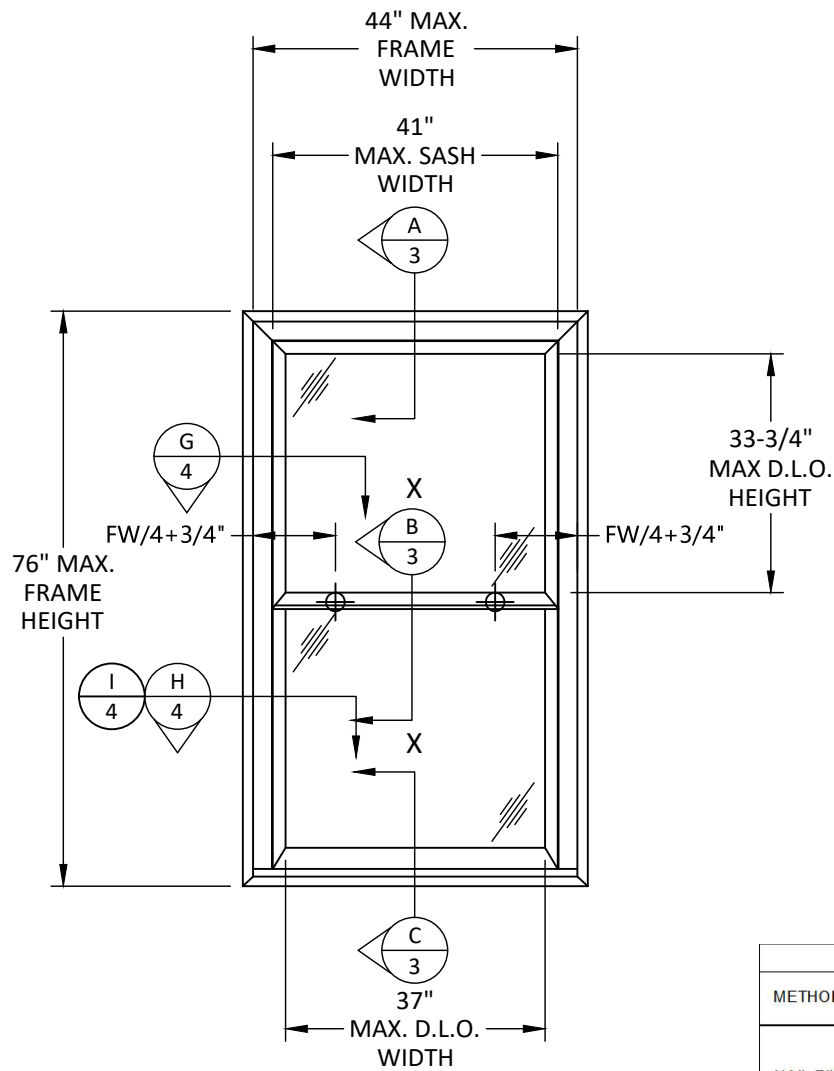
SHEET:
1

REV.
B

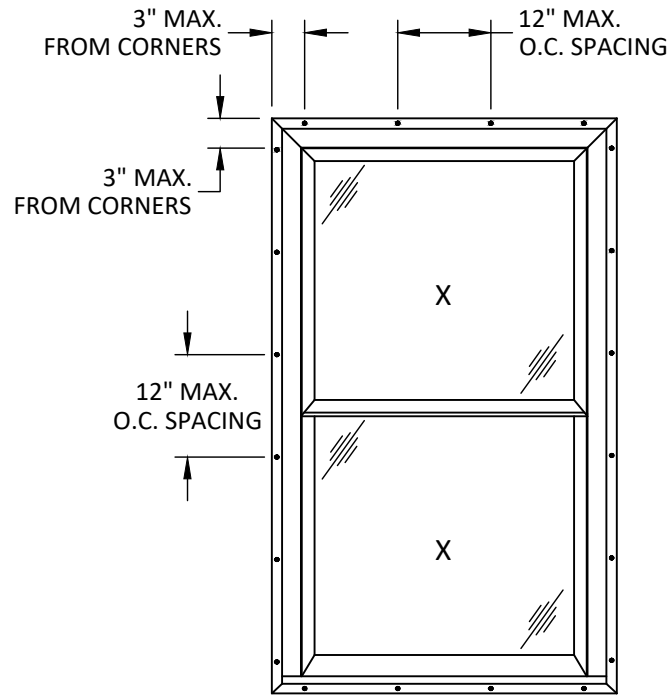
OF 5

7/31/2026 1:56 PM

c:\users\sebastianherrerros\desktop\ykk res 2026 cc\7533\ykk139.dwg



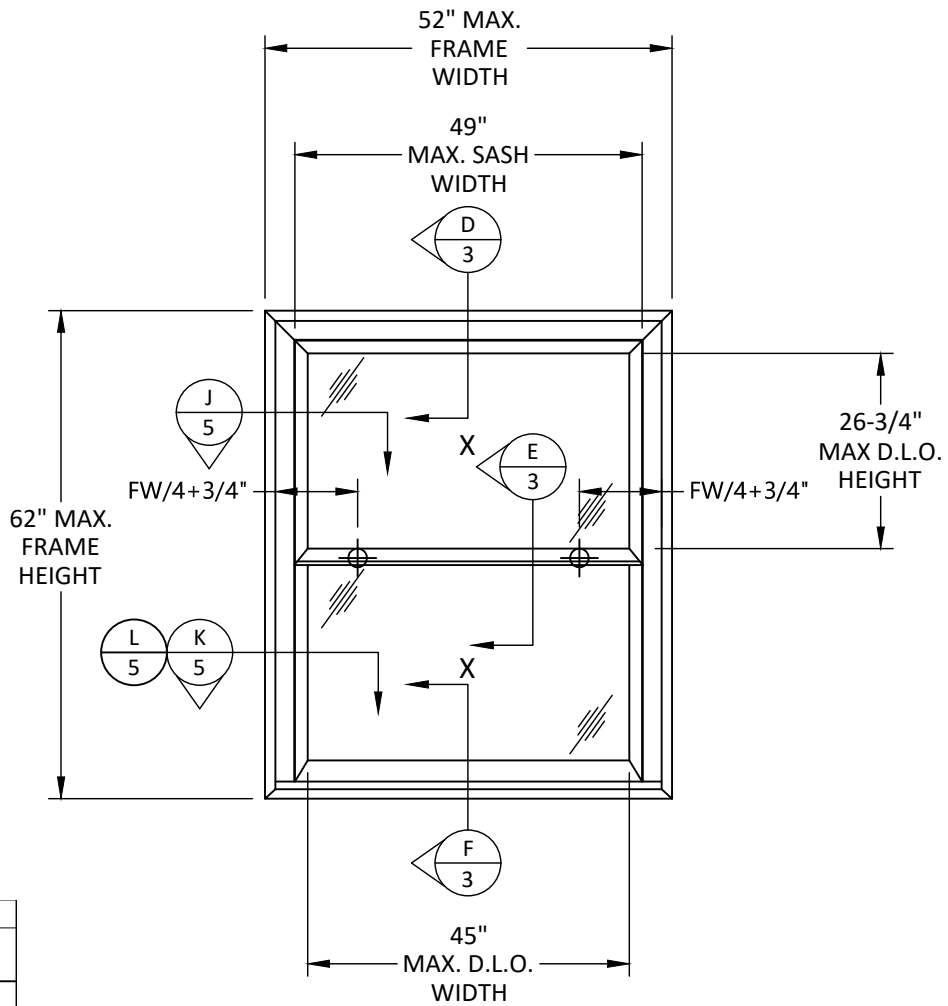
ELEVATION
NAIL FIN



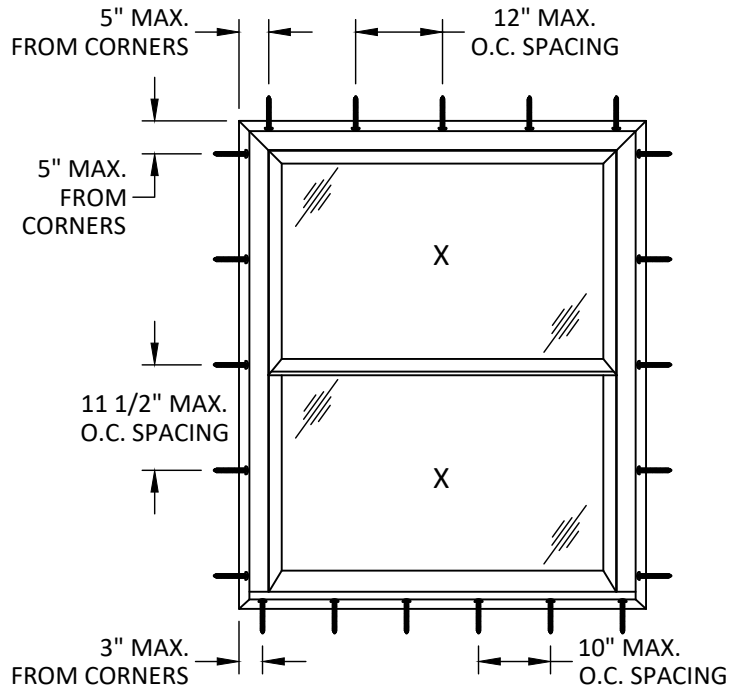
ANCHOR LAYOUT
NAIL FIN

⊕ INDICATE LOCK LOCATION
EACH LOCK IS (FW/4+3/4") FROM EDGE

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR	MIN. EMBEDMENT	MIN. EDGE DISTANCE
NAIL FIN	MIN. S.G. = 0.55 WOOD	#10 WOOD SCREW	1.50"	0.75"
	18 GAUGE STEEL, MIN fy = 33 ksi	#10 SELF-DRILLING SCREW	3 THREADS PENETRATION BEYOND METAL	0.75"
THROUGH FRAME	MIN. S.G. = 0.55 WOOD	#10 WOOD SCREW	1.50"	0.75"
	18 GAUGE STEEL, MIN fy = 33 ksi	#10 SELF-DRILLING SCREW	3 THREADS PENETRATION BEYOND METAL	0.75"
	CONCRETE, MIN. COMPRESSIVE STRENGTH OF 3000 psi	3/16" ITW TAPCON	1.25"	2.50"
	CMU. PER ASTM C90	3/16" ITW TAPCON	1.25"	2.50"



ELEVATION
THROUGH FRAME



ANCHOR LAYOUT
THROUGH FRAME



YKK AP AMERICA RESIDENTIAL
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (678) 838-6000

TITLE:
STYLEGUARD DOUBLE HUNG WINDOW
(HVHZ) (IMPACT)

ELEVATION & ANCHOR SCHEDULE

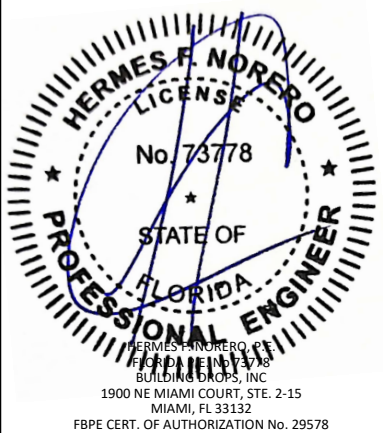
PREPARED BY:

BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
FBC CODE CHANGE	FB	09/07/23
2026 CODE CHANGE	SH	07/31/26

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.

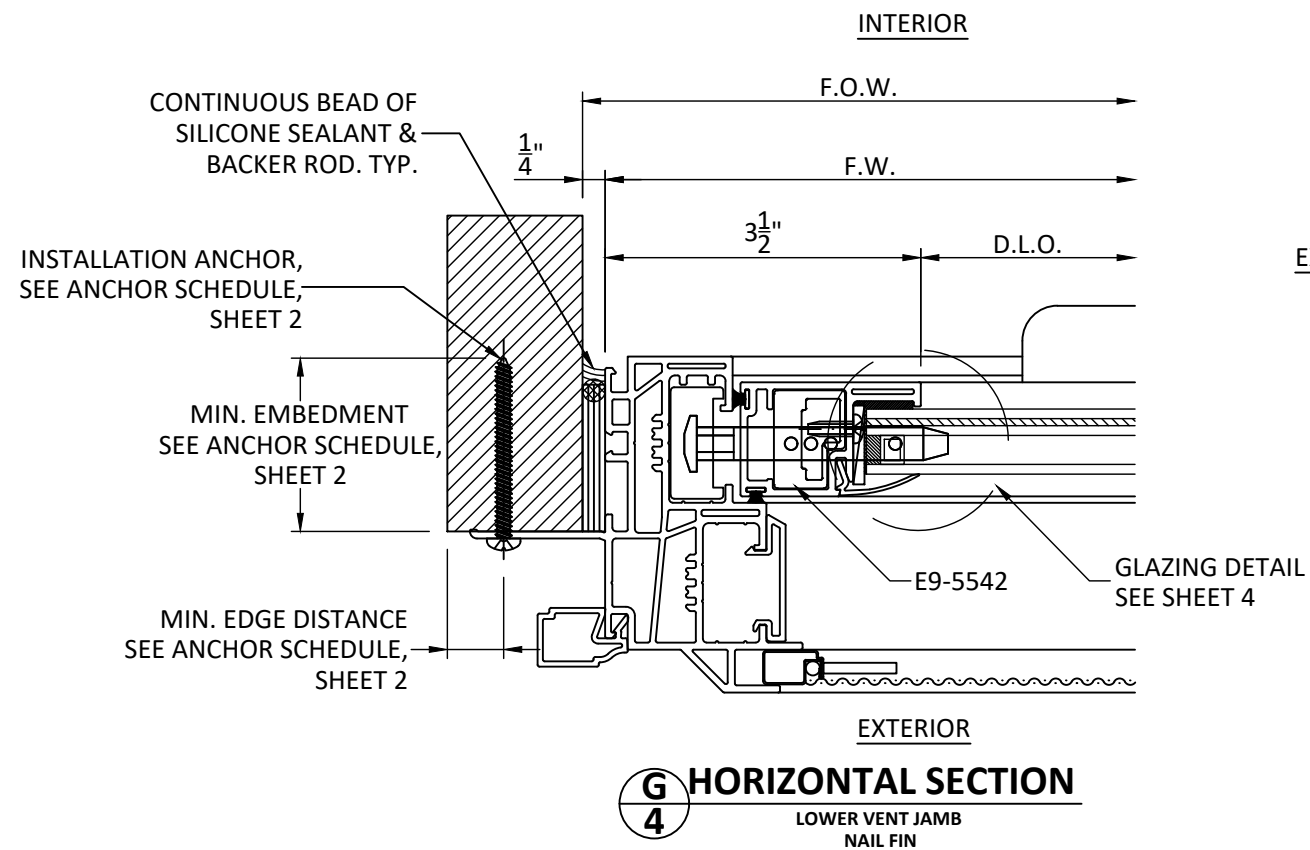


FL #:		FL7533	
DATE:		06.04.15	
DWG. BY: BB		CHK. BY: HFN	
SCALE:		NTS	
DWG. #:		YKK139	
SHEET:		REV. B	
2		OF 5	

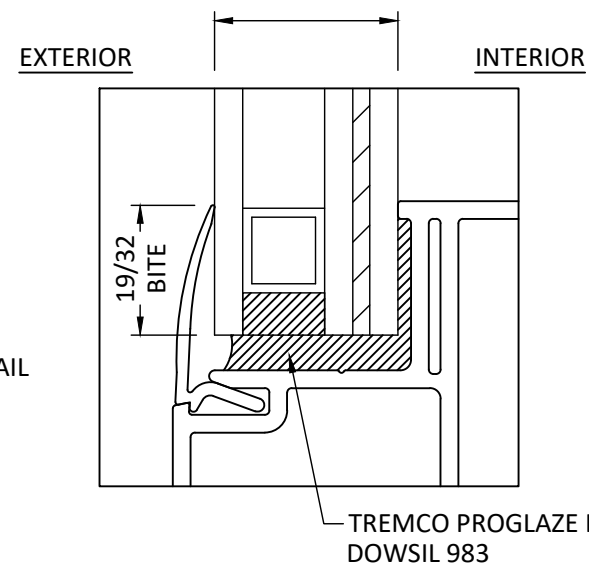


7/31/2026 1:56 PM

c:\users\sebastianherrerros\desktop\ykk_res 2026 cc\47533\ykk139.dwg



0.875" LAMINATED INSULATING GLASS CONSISTING OF:
0.125" ANNEALED OR TEMPERED GLASS
0.375" AIR SPACE,
0.125" ANNEALED GLASS,
0.090" SAFLEX PVB INTERLAYER BY EASTMAN CHEMICAL CO.,
0.125" ANNEALED GLASS



GLAZING NOTES:

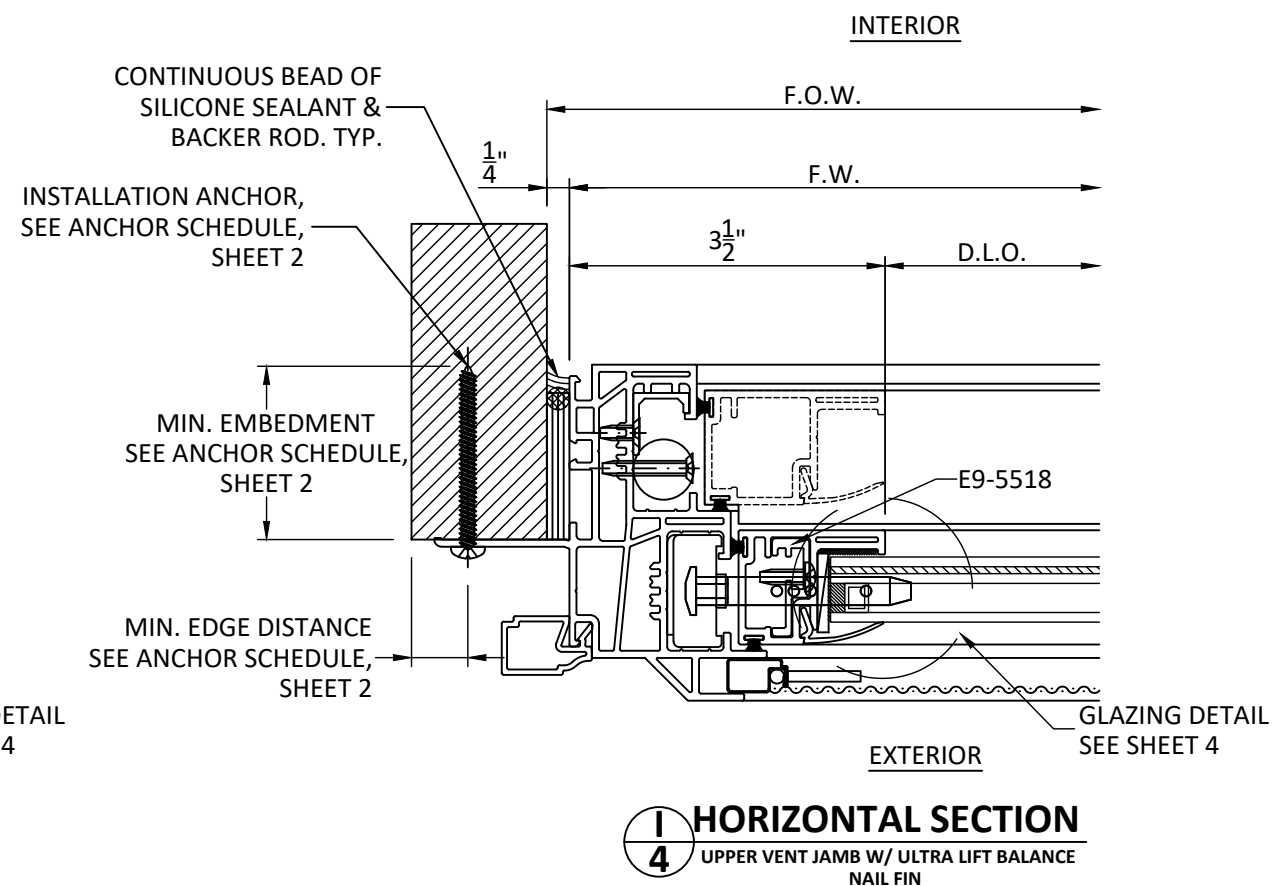
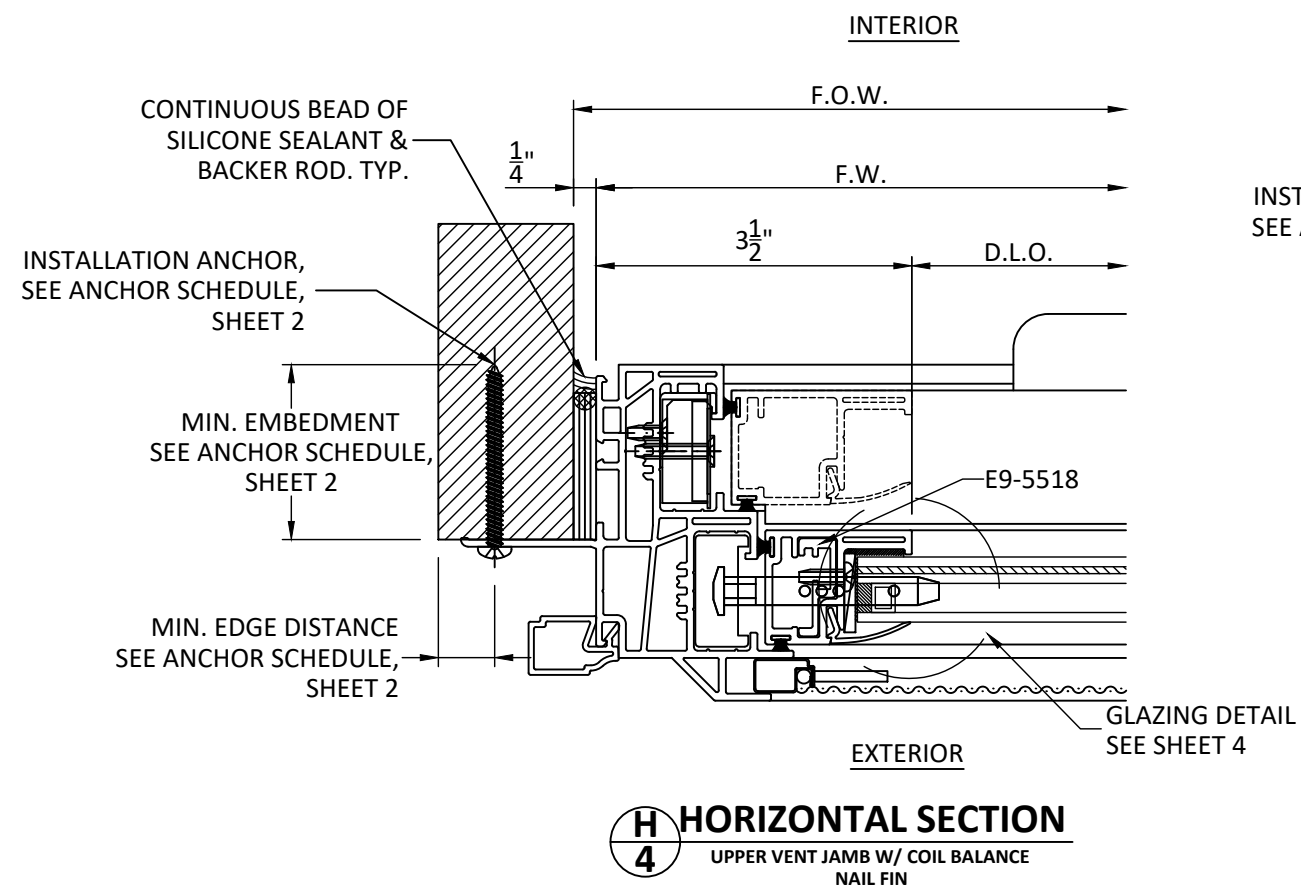
1. GLASS THICKNESS AND TYPE COMPLIES WITH ASTM E1300 GLASS STRENGTH REQUIREMENTS.
2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
3. SETTING BLOCK TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" PER FBC CHAPTER 24.
4. ALL GLAZING CONFIGURATIONS SHALL COMPLY WITH SAFETY GLAZING REQUIREMENTS OUTLINED IN CURRENT FBC.

INTERCEPT STAINLESS STEEL OR TIN PLATED SPACER: AROUND THE PERIMETER OF THE GLASS

PRIMARY SEALANT:
POLYISOBUTYLENE (PIB)

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

GLAZING DETAIL



YKK AP AMERICA RESIDENTIAL

101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (678) 838-6000

TITLE:
STYLEGUARD DOUBLE HUNG WINDOW (HVHZ) (IMPACT)

HORIZONTAL DETAILS & GLAZING DETAILS

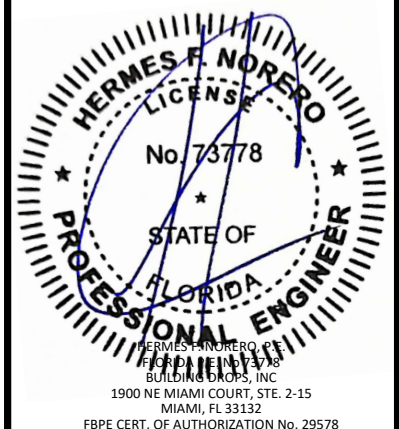
PREPARED BY:

BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



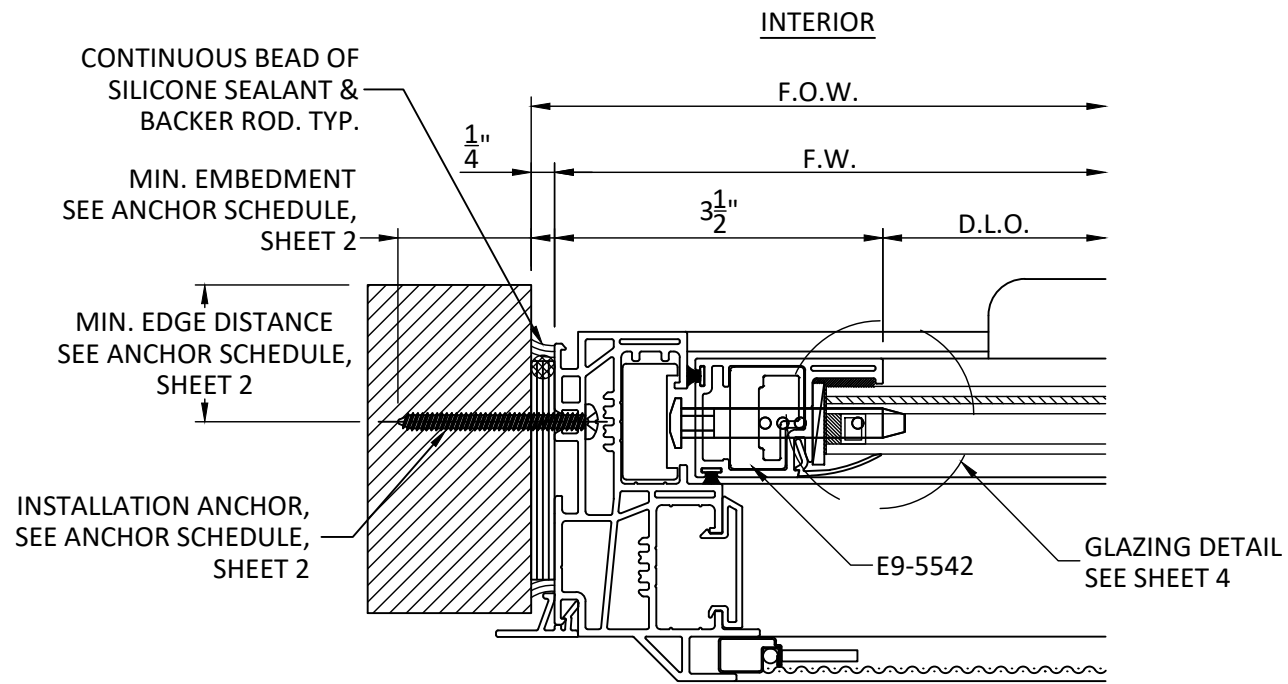
REMARKS	BY	DATE
FBC CODE CHANGE	FB	09/07/23
2026 CODE CHANGE	SH	07/31/26

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.

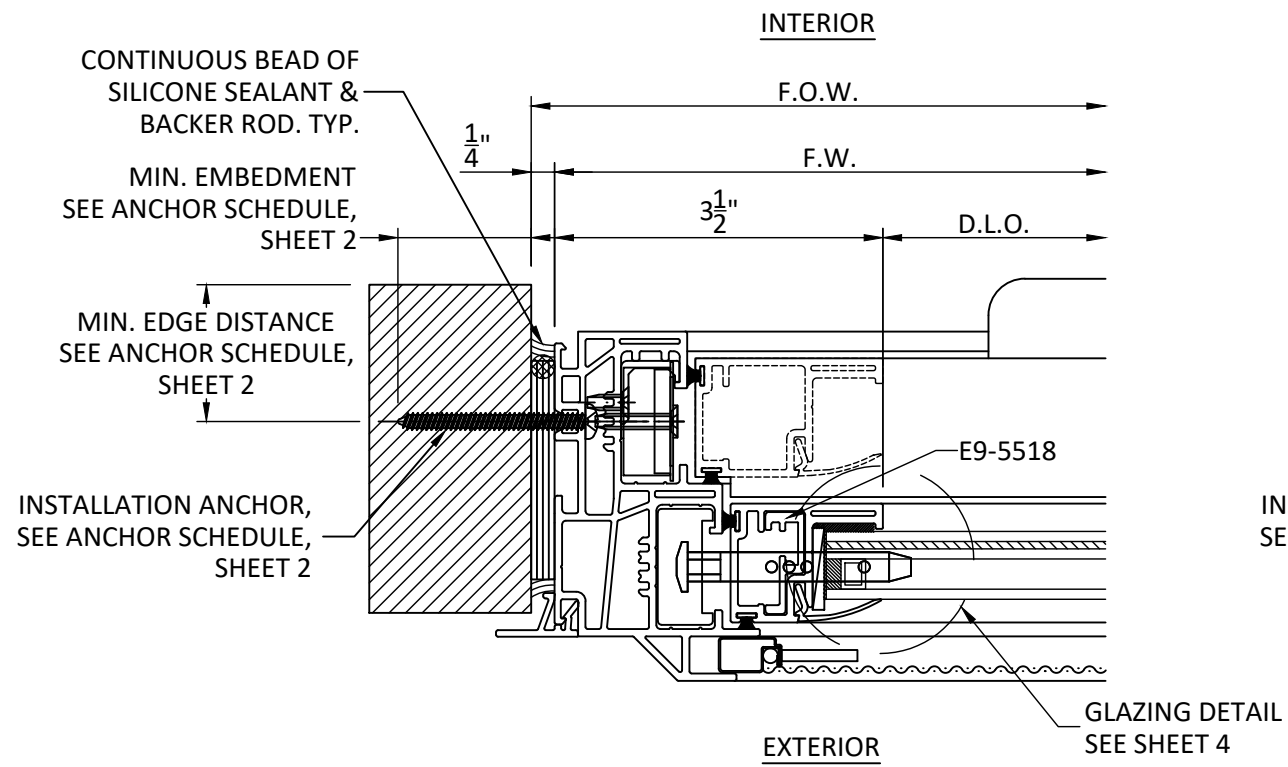


FL #:	FL7533
DATE:	06.04.15
DWG. BY:	BB
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK139
SHEET:	4
REV.	B

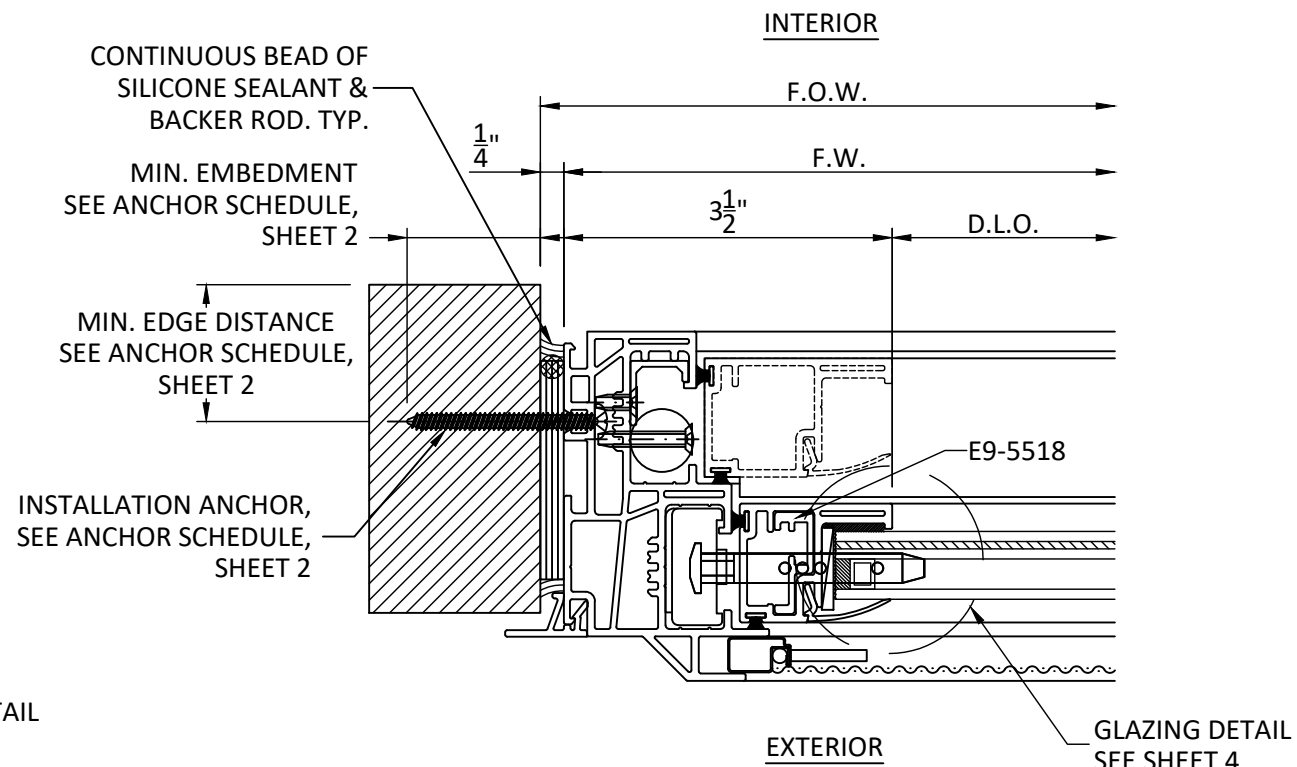
c:\users\sebastianherrerero\desktop\ykk_res 2026 cc\7533\ykk139.dwg 7/31/2026 1:56 PM



J
5 **HORIZONTAL SECTION**
LOWER VENT JAMB
THROUGH FRAME



K
5 **HORIZONTAL SECTION**
UPPER VENT JAMB W/ COIL BALANCE
THROUGH FRAME



L
5 **HORIZONTAL SECTION**
UPPER VENT JAMB W/ ULTRA LIFT BALANCE
THROUGH FRAME



Quality
inspires™

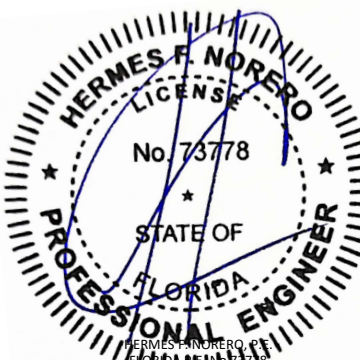
YKK AP AMERICA RESIDENTIAL
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (678) 838-6000

TITLE:
STYLEGUARD DOUBLE HUNG WINDOW
(HVHZ) (IMPACT)
HORIZONTAL DETAILS

PREPARED BY:
**BUILDING DROPS**
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
FBC CODE CHANGE	FB	09/07/23
2026 CODE CHANGE	SH	07/31/26

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
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL7533

DATE:
06.04.15

DWG. BY:
BB

CHK. BY:
HFN

SCALE:
NTS

DWG. #:
YKK139

SHEET:
5

REV.
B

OF 5