

YKK AP AMERICA RESIDENTIAL

STYLEVIEW SINGLE HUNG WINDOW

ORIEL, COTTAGE, EQUAL

(NON-HVHZ) (NON-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.
- SHIM AS REQUIRED IN ORDER TO ACHIEVE A SQUARE AND PLUMB INSTALLATION 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.
- 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 OR SELF-TAPPING SCREWS THROUGH THE FRAME OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 3 THREADS PENETRATION BEYOND METAL FRAME 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.
- 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:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM 18 GA. WALL THICKNESS.

GENERAL NOTES:

- 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/A440-11/17
- 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. DOCUMENTS SHALL BE APPROVED BY AUTHORITY HAVING JURISDICTION (AHJ).
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: PVC
- DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
 - X: OPERABLE SASH
 - O: FIXED SASH
- GLAZING SHALL MEET ASTM E1300 REQUIREMENTS, SEE SHEET 3 FOR GLAZING DETAIL.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	INSTALLATION & GENERAL NOTES
2	ORIEL AND COTTAGE ELEVATIONS
3	EQUAL SASH ELEVATIONS
4	ANCHOR SCHEDULE, GLAZING DETAIL & REINFORCEMENT SCHEDULE
5	VERTICAL & HORIZONTAL SECTIONS

SPECIMEN	CONFIGURATION	DESIGN PRESSURE	MAXIMUM FRAME SIZE	MISSILE IMPACT RATING
1	O/X (ORIEL)	+35 / -35 PSF	39.5" x 83.5"	NON-IMPACT
2	O/X (ORIEL)	+35 / -35 PSF	43.5" x 79.5"	NON-IMPACT
3	O/X (ORIEL)	+50 / -50 PSF	39.5" x 75.5"	NON-IMPACT
4	O/X (COTTAGE)	+35 / -35 PSF	43.5" x 79.5"	NON-IMPACT
5	O/X (COTTAGE)	+35 / -35 PSF	39.5" x 83.5"	NON-IMPACT
6	O/X (COTTAGE)	+50 / -50 PSF	39.5" x 75.5"	NON-IMPACT
7	O/X (EQUAL)	+35 / -35 PSF	39.5" x 83.5"	NON-IMPACT
8	O/X (EQUAL)	+35 / -35 PSF	43.5" x 79.5"	NON-IMPACT
9	O/X (EQUAL)	+50 / -50 PSF	39.5" x 75.5"	NON-IMPACT

REFER TO SHEET 4 FOR REINFORCEMENT SCHEDULE



Quality
inspires™

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

TITLE:
STYLEVIEW SINGLE HUNG WINDOW
ORIEL, COTTAGE, EQUAL
(NON-HVHZ) (NON-IMPACT)
INSTALLATION & GENERAL NOTES

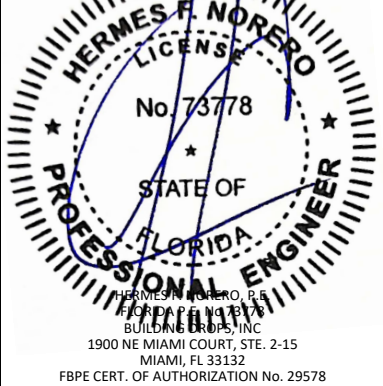
PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
FBC CODE CHANGE	FB	09.07.23
SASH CHANGE	SH	10.03.24
REINFORCEMENT REV.	LS	05.27.26

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: 2026.05.20 13:40:00 -0400'



FL #:
FL8114

DATE:
05.18.16

DWG. BY:
LS

CHK. BY:
HFN

SCALE:
NTS

DWG. #:
YKK187

SHEET:
1
OF 5



ORIEL AND COTTAGE ELEVATIONS

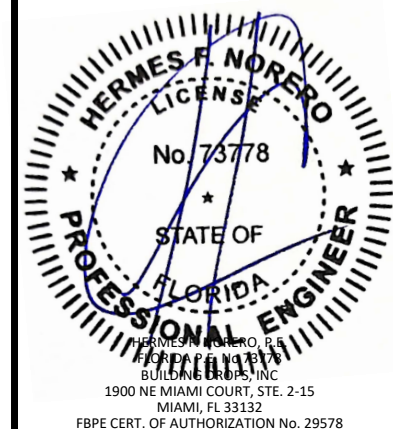
BUILDING DROPS

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
SASH CHANGE	SH	10.03.24
REINFORCEMENT REV.	LS	05.27.26

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 #:

FL8114

DATE: 05.18.16

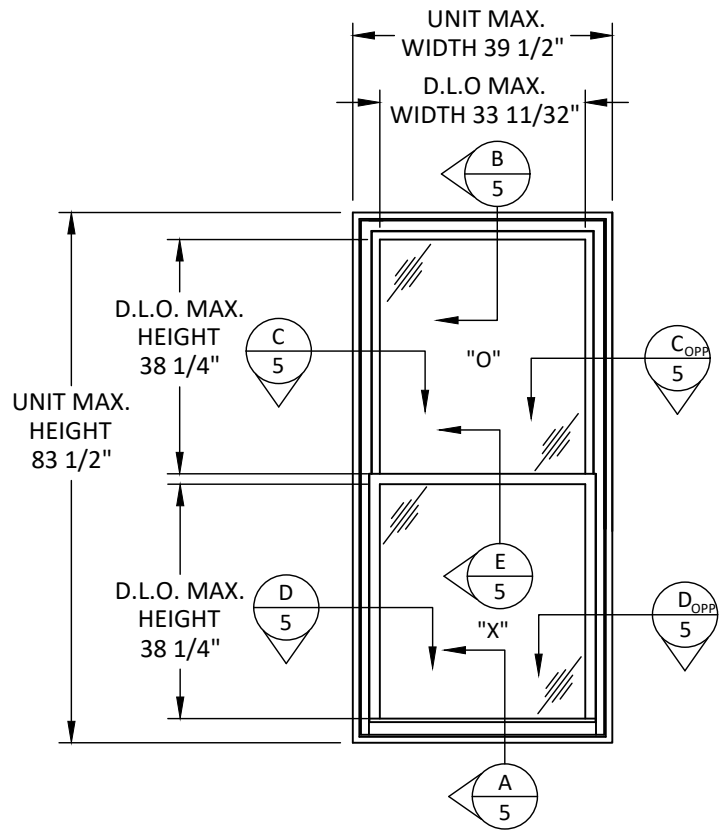
DWG. BY: LS	CHK. BY: HFN
-----------------------	------------------------

SCALE: NTS

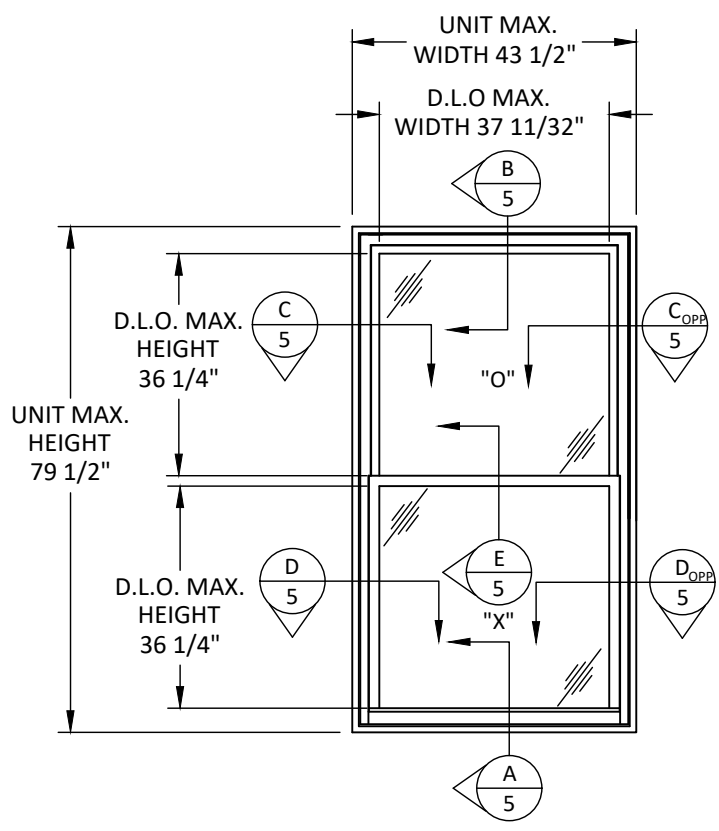
DWG. #: YKK187

SHEET:

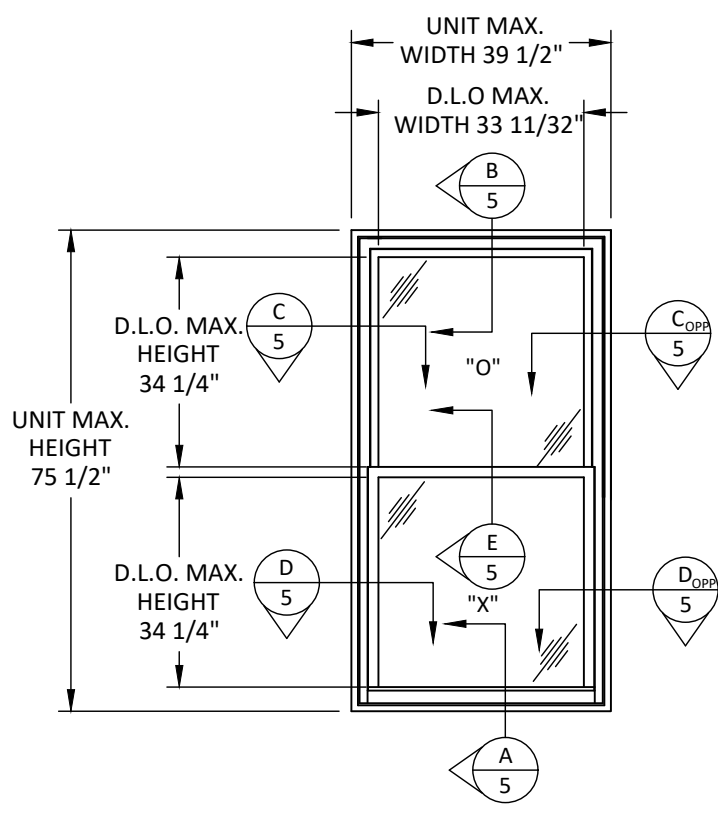
c:\users\lucianosanchez\building drops, inc\building drops\landing - documents\common\projects\ykk ap america, inc\fbc-26-0534 - residential products - reinforcement revision\dwgs\single hung\ykk187.dwg 5/28/2026 9:52 AM



TYPICAL ELEVATION
SINGLE HUNG WINDOW (EQUAL)



TYPICAL ELEVATION
SINGLE HUNG WINDOW (EQUAL)



TYPICAL ELEVATION
SINGLE HUNG WINDOW (EQUAL)



Quality
inspires™

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

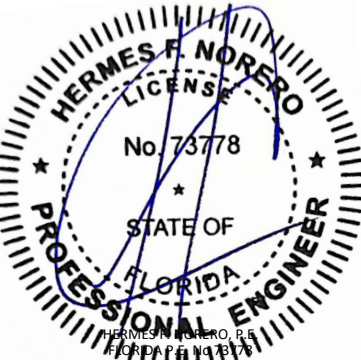
TITLE:
STYLEVIEW SINGLE HUNG WINDOW
ORIEL, COTTAGE, EQUAL
(NON-HVHZ) (NON-IMPACT)
EQUAL SASH ELEVATIONS

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
SASH CHANGE	SH	10.03.24
REINFORCEMENT REV.	LS	05.27.26

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, P.E.
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL8114

DATE: **05.18.16**

DWG. BY: **LS**CHK. BY: **HFN**

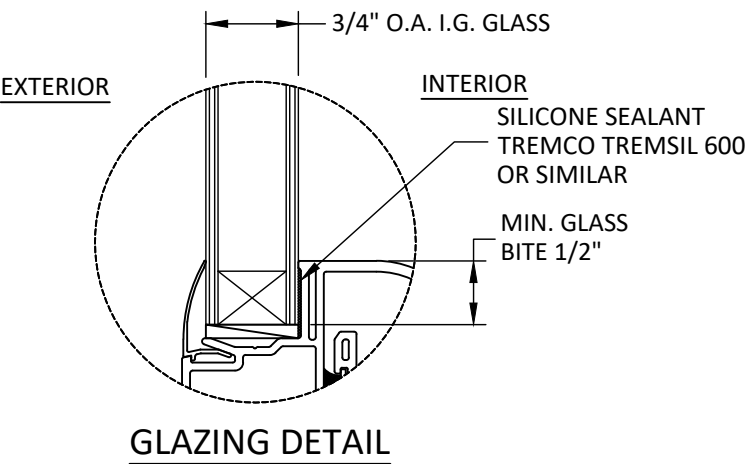
SCALE: **NTS**

DWG. #: **YKK187**

SHEET:
3

OF 5

c:\users\lucianosanchez\building drops, inc\building drops\landing - documents\common\projects\ykk ap america, inc\fbc-26-0534 - residential products - reinforcement revision\dwgs\single hung\ykk187.dwg 5/28/2026 9:52 AM



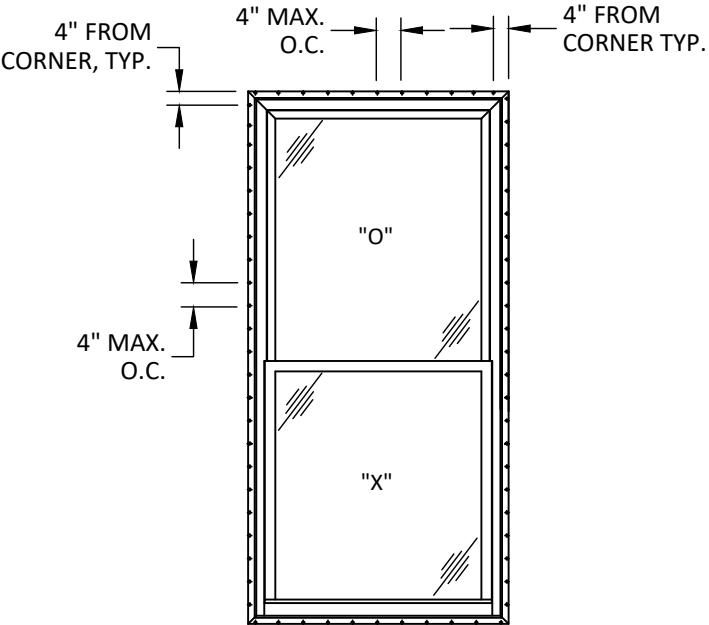
- GLAZING NOTES:**
1. GLASS THICKNESS AND TYPE SHALL COMPLY WITH ASTM E1300 GLASS STRENGTH REQUIREMENTS.
 2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
 3. SETTING BLOCK TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" PER FBC CHAPTER 24.
 4. ALL GLAZING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

REINFORCEMENT SCHEDULE		
UNIT	LOCATION	REINFORCEMENT PART#
1	MEETING RAIL (TOP SASH)	E9-5571D
	STILE (TOP SASH)	E9-5571D
	STILE (BOTTOM SASH)	E9-5502D
2	MEETING RAIL (TOP SASH)	E9-5571D
	STILE (TOP SASH)	E9-5571D
	STILE (BOTTOM SASH)	E9-5502D
3	MEETING RAIL (TOP SASH)	E9-5571D
	MEETING RAIL (BOTTOM SASH)	E9-5502D
	STILE (TOP SASH)	E9-5571D
	STILE (BOTTOM SASH)	E1-5033
4	MEETING RAIL (TOP SASH)	E9-5571D
	MEETING RAIL (BOTTOM SASH)	E9-5502D
	STILE (BOTTOM SASH)	E9-5502D
5	MEETING RAIL (TOP SASH)	E9-5571D
	MEETING RAIL (BOTTOM SASH)	E9-5502D
	STILE (BOTTOM SASH)	E9-5502D
6	MEETING RAIL (TOP SASH)	E9-5571D
	MEETING RAIL (BOTTOM SASH)	E9-5502D
	STILE (BOTTOM SASH)	E9-5502D
7	MEETING RAIL (TOP SASH)	E9-5571D
	MEETING RAIL (BOTTOM SASH)	E9-5502D
	STILE (TOP SASH)	E9-5571D
	STILE (BOTTOM SASH)	E9-5502D
8	MEETING RAIL (TOP SASH)	E9-5571D
	MEETING RAIL (BOTTOM SASH)	E9-5502D
	STILE (TOP SASH)	E9-5571D
	STILE (BOTTOM SASH)	E9-5502D
9	MEETING RAIL (TOP SASH)	E9-5571D
	MEETING RAIL (BOTTOM SASH)	E9-5502D
	STILE (TOP SASH)	E9-5571D
	STILE (BOTTOM SASH)	E1-5033



ANCHOR LAYOUT
NAIL FIN INSTALLATION

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR	MIN. EMBEDMENT	MIN. EDGE DISTANCE
NAIL FIN	MIN. S.G. = 0.55 WOOD	#10 WOOD SCREW	1.5"	0.75"
	18 GAUGE STEEL, MIN fy = 33 ksi	#10 GRADE 5 SELF-DRILLING OR SELF-TAPPING SCREW	3 THREADS PENETRATION BEYOND METAL	0.75"

YKK
ap

Quality
inspires™

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

TITLE:
STYLEVIEW SINGLE HUNG WINDOW
ORIEL, COTTAGE, EQUAL
(NON-HVHZ) (NON-IMPACT)
ANCHOR SCHEDULE, GLAZING DETAIL
& REINFORCEMENT 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

BD
BUILDING DROPS

REMARKS	BY	DATE
FBC CODE CHANGE	FB	09.07.23
SASH CHANGE	SH	10.03.24
REINFORCEMENT REV.	LS	05.27.26
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 #:
FL8114

DATE: **05.18.16**

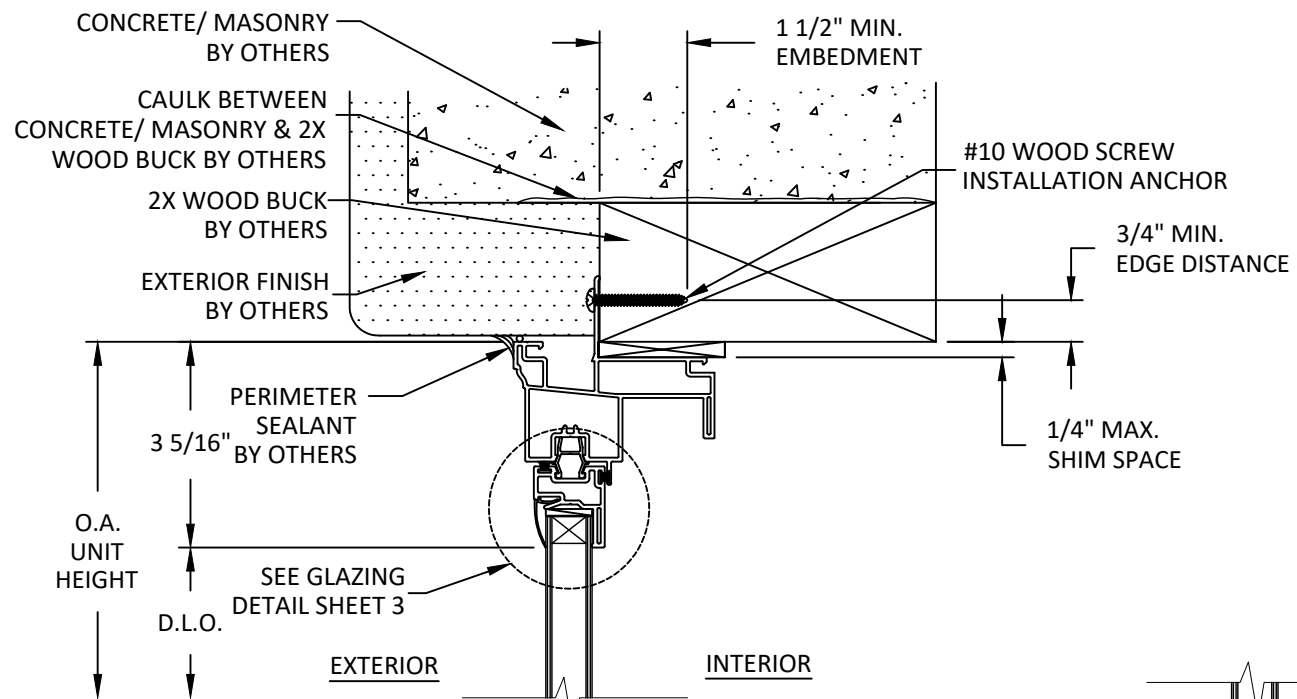
DWG. BY: **LS**CHK. BY: **HFN**

SCALE: **NTS**

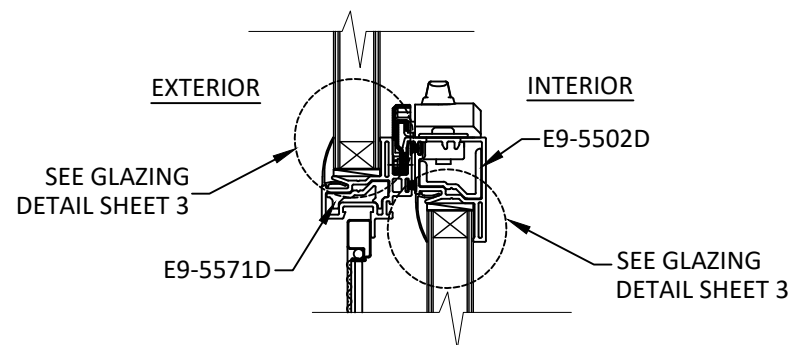
DWG. #: **YKK187**

SHEET:
4
OF 5

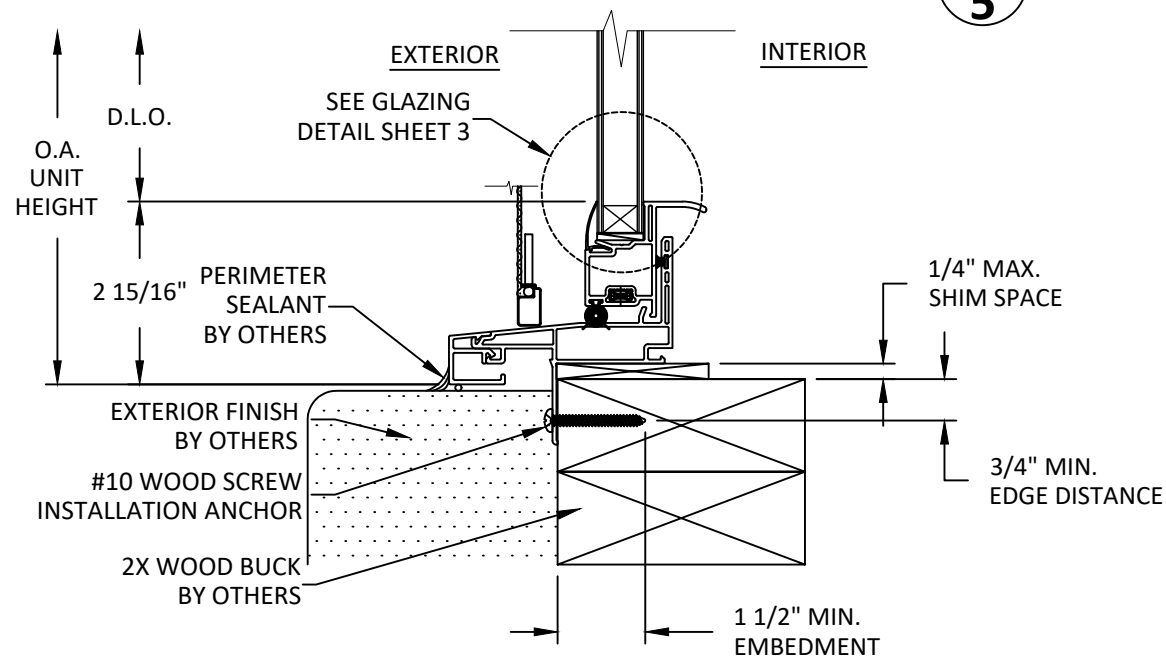
c:\users\lucianosanchez\building drops, inc\building drops, inc\common\projects\ykk ap america, inc\fbc-26-0534 - residential products - reinforcement revision\dwgs\single hung\ykk187.dwg
5/28/2026 9:52 AM
c:\users\lucianosanchez\building drops, inc\building drops, inc\common\projects\ykk ap america, inc\fbc-26-0534 - residential products - reinforcement revision\dwgs\single hung\ykk187.dwg



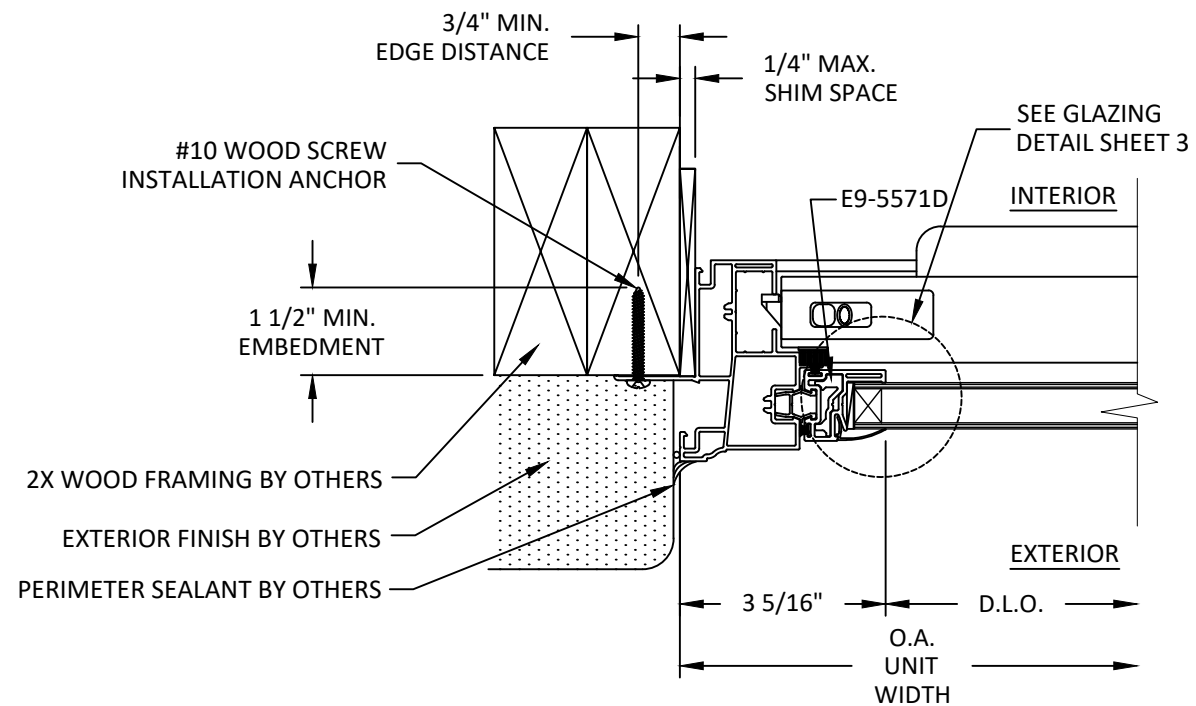
B
5 **VERTICAL SECTION**
HEAD - 2X WOOD BUCK
NAIL FIN



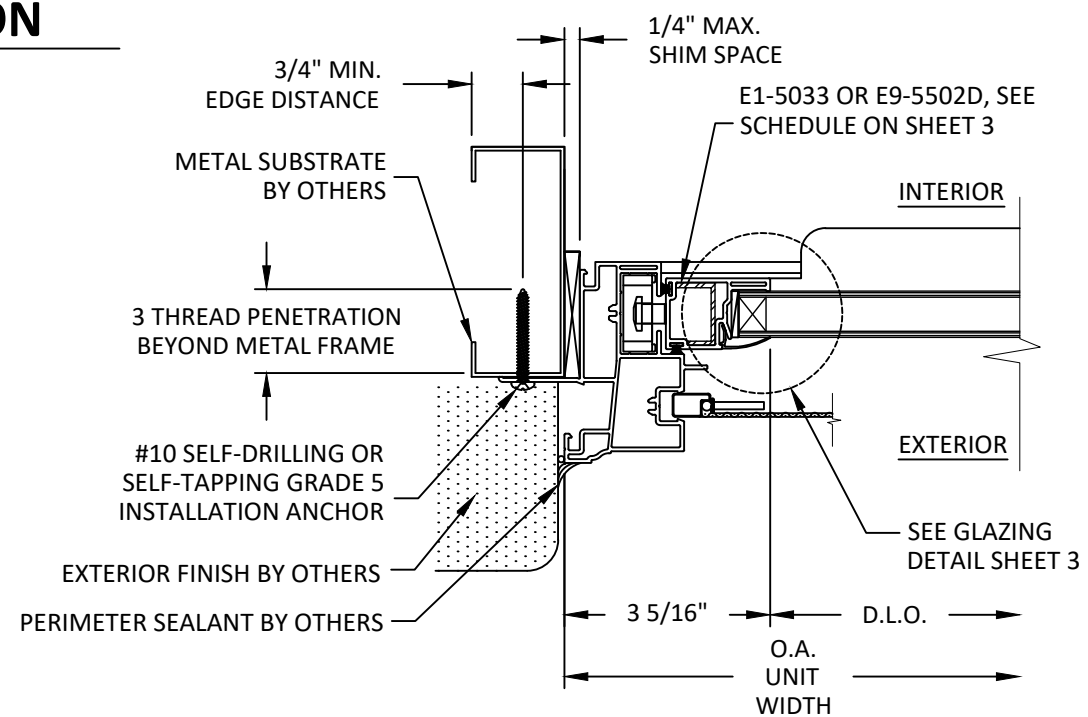
E
5 **VERTICAL SECTION**
MEETING RAIL



A
5 **VERTICAL SECTION**
SILL - 2X WOOD FRAMING
NAIL FIN



C
5 **HORIZONTAL SECTION**
FIXED JAMB - 2X WOOD FRAMING
NAIL FIN



D
5 **HORIZONTAL SECTION**
SASH JAMB - STEEL STUD
NAIL FIN



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

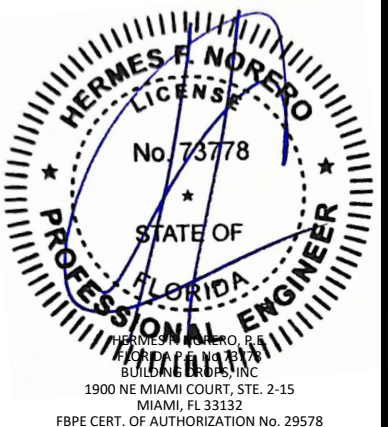
TITLE:
STYLEVIEW SINGLE HUNG WINDOW
ORIEL, COTTAGE, EQUAL
(NON-HVHZ) (NON-IMPACT)
VERTICAL & HORIZONTAL
SECTIONS

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
SASH CHANGE	SH	10.03.24
REINFORCEMENT REV.	LS	05.27.26

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 #:	FL8114
DATE:	05.18.16
DWG. BY:	LS
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	YKK187
SHEET:	5