

s:\projects\andersen windows\cc-23-0347 - fbc 2023 code change (8th edition)\dwgs\115752\awd286.dwg 10/4/2023 6:29 PM

ANDERSEN CORPORATION

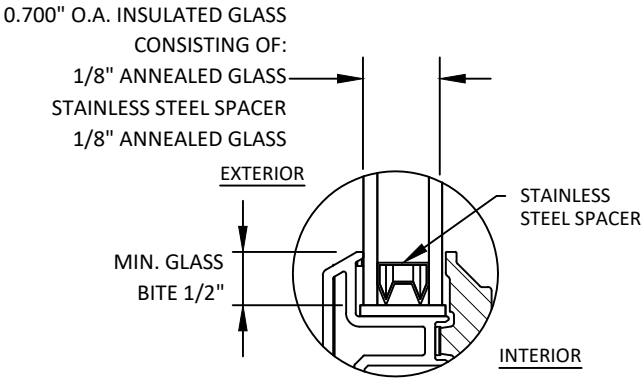
400 SERIES WOODWRIGHT DOUBLE HUNG WINDOW (NON-HVHZ)(NON-IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AREAS AND HAS BEEN EVALUATED TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X 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.
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 REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. WINDOW FRAME MATERIAL: PONDEROSA PINE (MIN. S.G. = 0.40)
7. GLASS SHALL COMPLY WITH THE REQUIREMENTS OF ASTM E1300. SEE GLAZING DETAIL ON SHEET 1.
8. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:

X: OPERABLE PANEL

O: FIXED PANEL
9. CUSTOM SIZING AVAILABLE IN 1/8" INCREMENTS.



GLAZING DETAIL

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES & GLAZING DETAIL
2	ELEVATIONS
3	ANCHOR LAYOUTS
4	VERTICAL SECTIONS
5	HORIZONTAL SECTIONS
6	ANCHOR DETAILS & INSTALLATION NOTES
7	ANCHOR DETAILS

DESIGN PRESSURE RATING				
SIZE	DESIGN PRESSURE	CONFIGURATION	SHAPE	MISSILE IMPACT RATING
45 ⁵ / ₈ " X 76 ⁷ / ₈ "	+30.0 / -30.0 PSF	X/X	RECTANGULAR	NON-IMPACT
45 ⁵ / ₈ " X 76 ⁷ / ₈ "	+30.0 / -30.0 PSF	X/X	ARCHTOP	NON-IMPACT
37 ³ / ₄ " X 64 ⁷ / ₈ "	+50.0 / -50.0 PSF	X/X	RECTANGULAR	NON-IMPACT
37 ⁷ / ₈ " X 64 ⁷ / ₈ "	+50.0 / -50.0 PSF	X/X	ARCHTOP	NON-IMPACT
37 ⁵ / ₈ " X 67 ¹³ / ₁₆ "	+50.0 / -50.0 PSF	O/X	HALF-CIRCLE	NON-IMPACT
45 ⁵ / ₈ " X 86 ¹ / ₂ "	+30.0 / -30.0 PSF	O/X	HALF-CIRCLE	NON-IMPACT

- GLAZING NOTES:
1. GLAZING SHALL COMPLY WITH ASTM E1300 AND FBC SAFETY GLAZING REQUIREMENTS.
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. D.L.O. MAY NOT EXCEED MAX DIMENSIONS SHOWN ON ELEVATIONS.



ANDERSEN
WINDOWS & DOORS

100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096

PH: (651) 264-5150 FX: (651) 264-5485

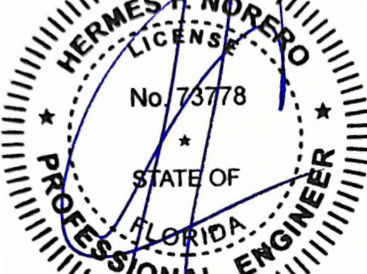
TITLE: 400 SERIES WOODWRIGHT
DOUBLE HUNG WINDOW
(NON-HVHZ)(NON-IMPACT)
GENERAL NOTES & GLAZING DETAIL

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

REMARKS	BY	DATE
8TH FBC CODE CHANGE	SH	10.4.23

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: 2023.10.18 13:11:59 -0400



HERMES F. NORERO, P.E.
10/18/2023
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL15752

DATE: **08.11.20**

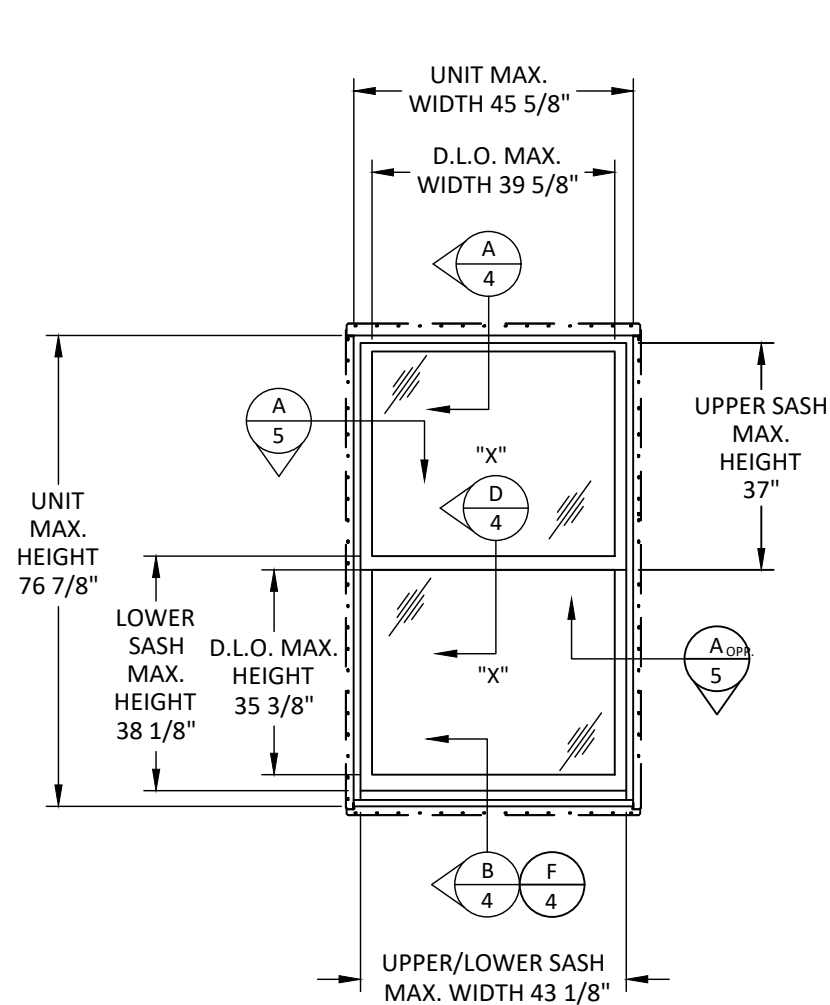
DWG. BY: **LL**CHK. BY: **HFN**

SCALE: **NTS**

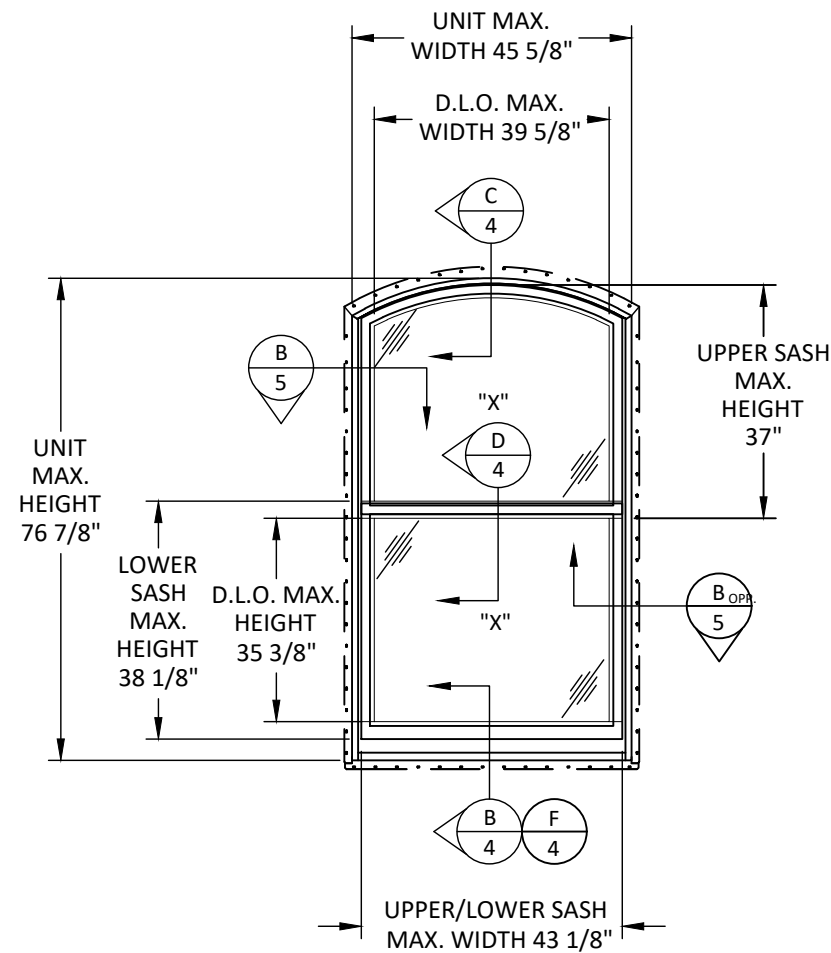
DWG. #: **AWD286**

SHEET:

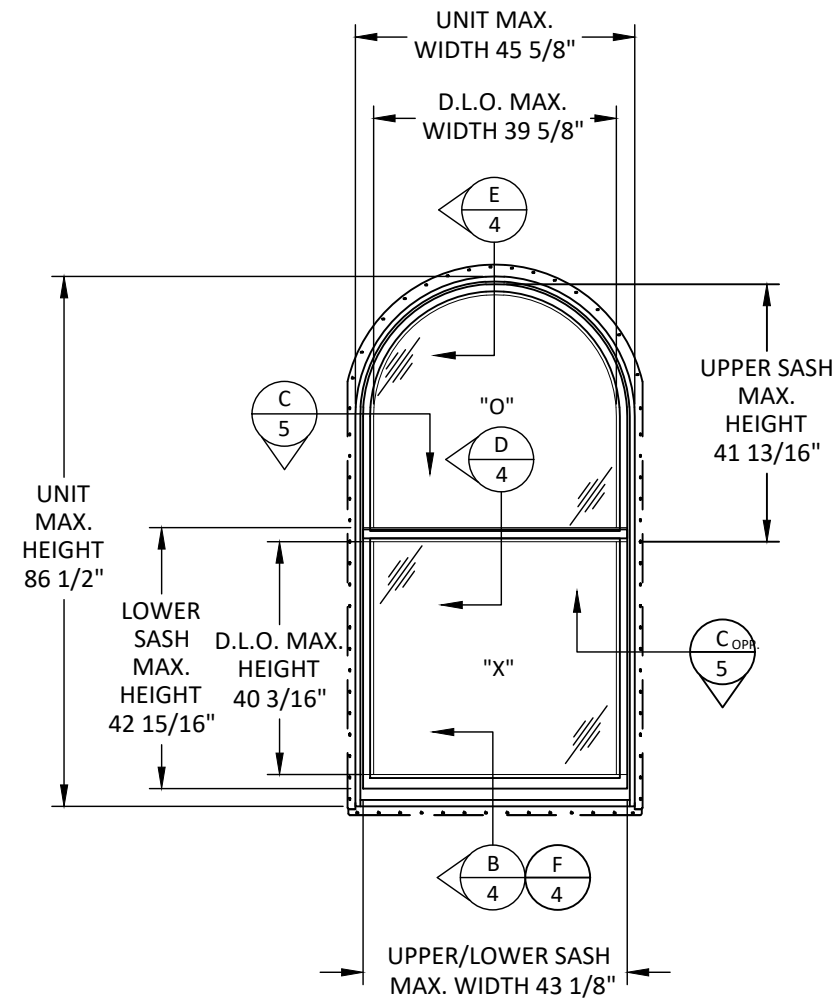
s:\projects\andersen windows\cc-23-0347 - fbc 2023 code change (8th edition)\dwgs\115752\awd286.dwg 10/4/2023 6:29 PM



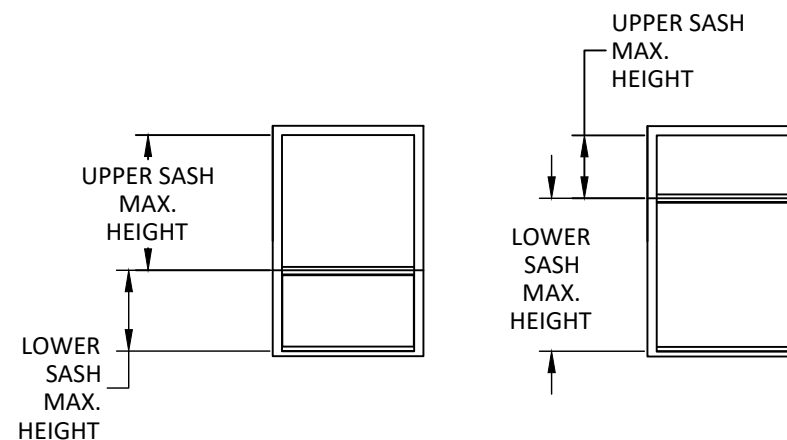
ELEVATION
RECTANGULAR



ELEVATION
ARCHTOP



ELEVATION
HALF-CIRCLE



NOTE: FOR SASH WIDTHS OF UP TO 43 1/8", COTTAGE & REVERSE COTTAGE DOUBLE HUNG WINDOWS APPROVED SUCH THAT MAXIMUM SASH HEIGHTS DO NOT EXCEED 44 1/2" FOR A DESIGN PRESSURE OF +/-30 PSF



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: 400 SERIES WOODWRIGHT
DOUBLE HUNG WINDOW
(NON-HVHZ)/(NON-IMPACT)

ELEVATIONS

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
8TH FBC CODE CHANGE	SH	10.4.23

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 #:

FL15752

DATE: **08.11.20**

DWG. BY:
LL

CHK. BY:
HFN

SCALE: **NTS**

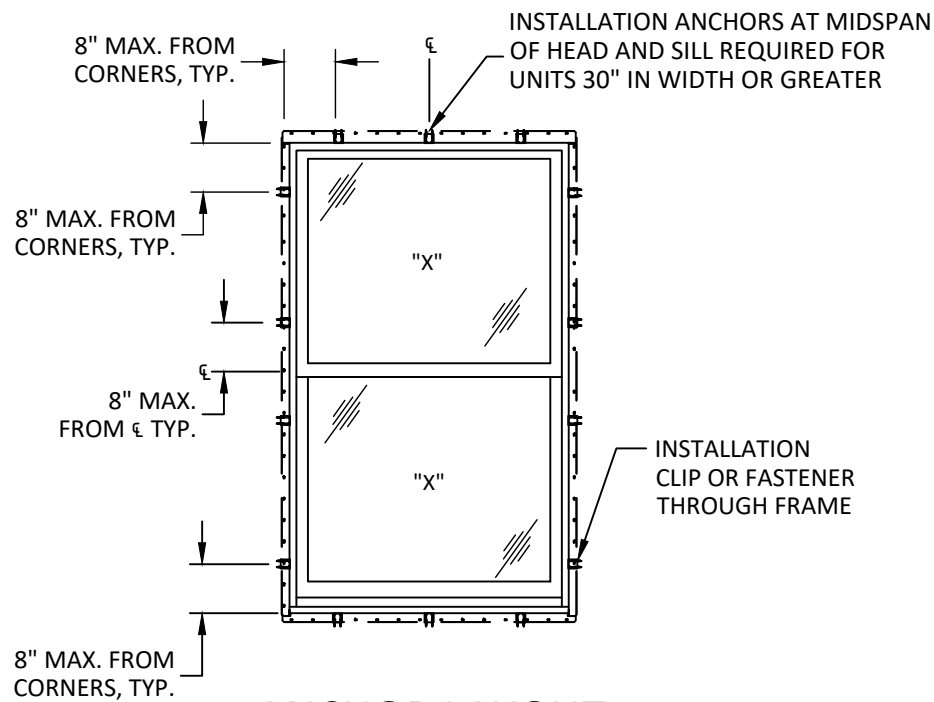
DWG. #: **AWD286**

SHEET:

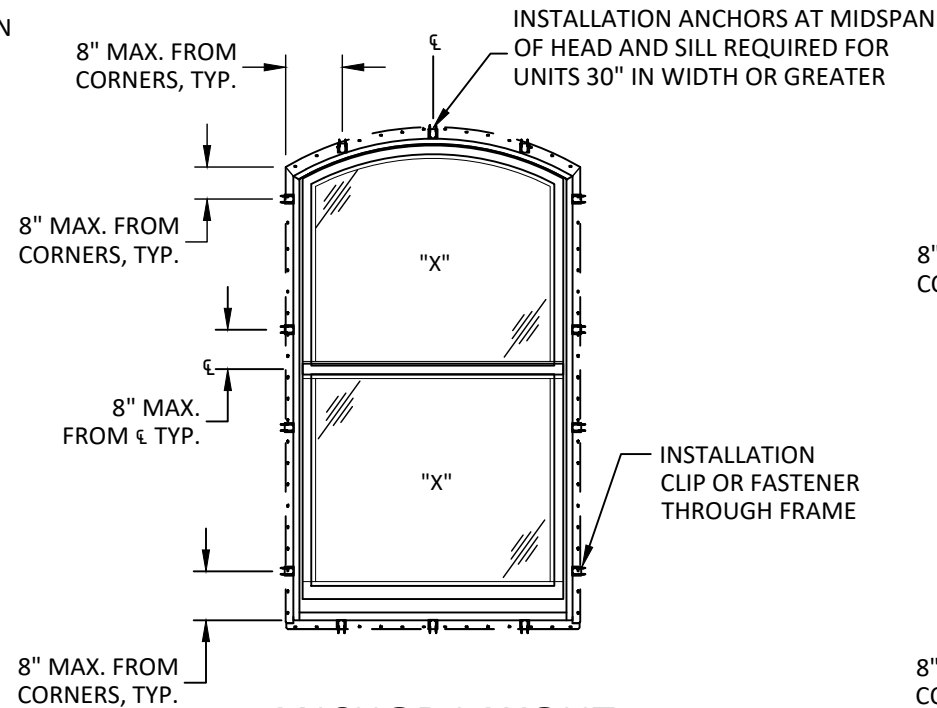
2

OF 7

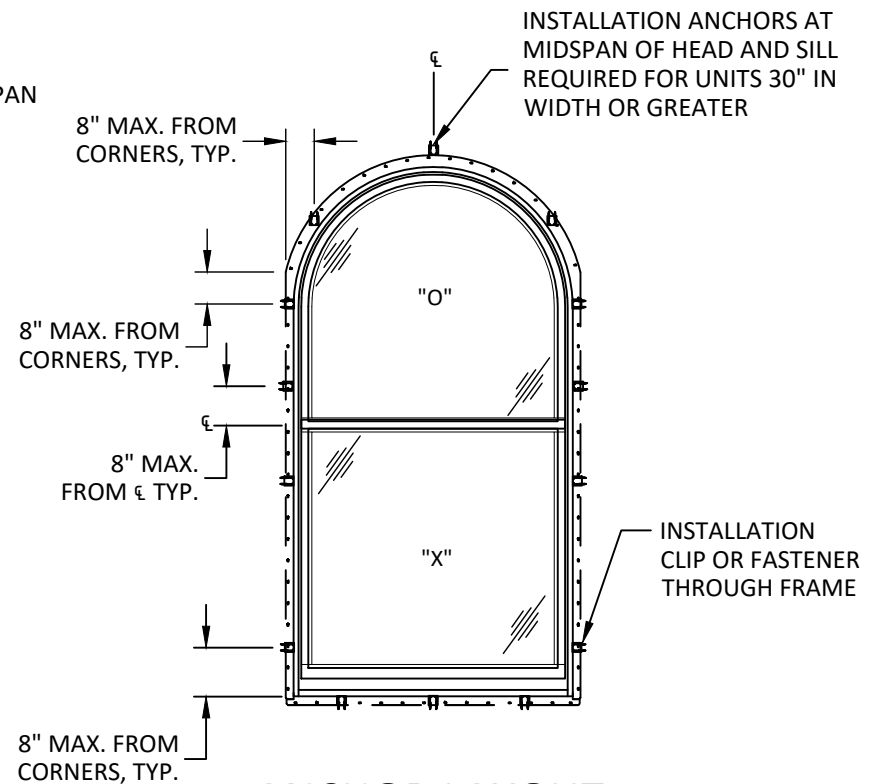
10/4/2023 6:29 PM
s:\projects\andersen windows\c23-0347 - fbc 2023 code change (8th edition)\dwgs\115752\awd286.dwg



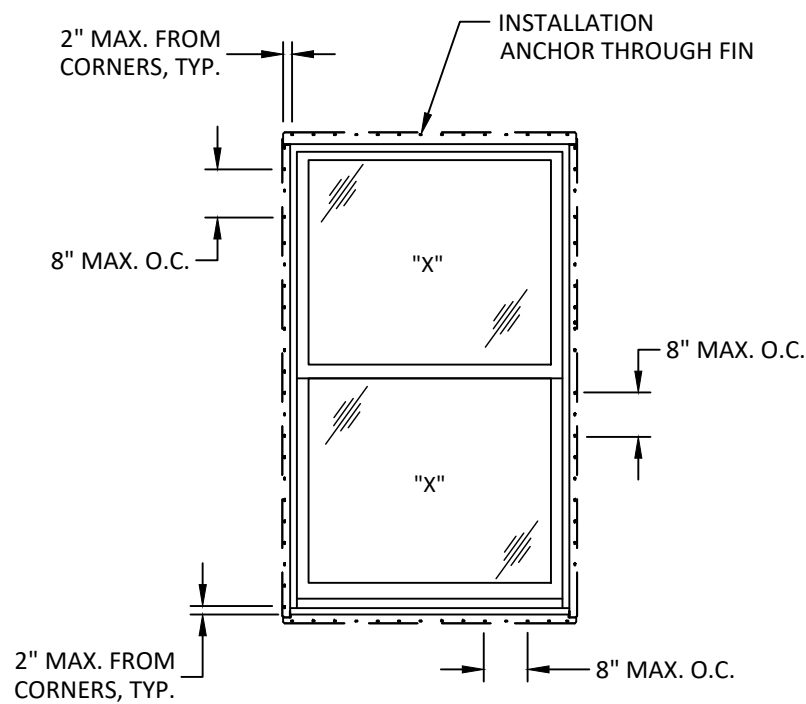
ANCHOR LAYOUT
INSTALLATION CLIP/THROUGH FRAME
RECTANGULAR



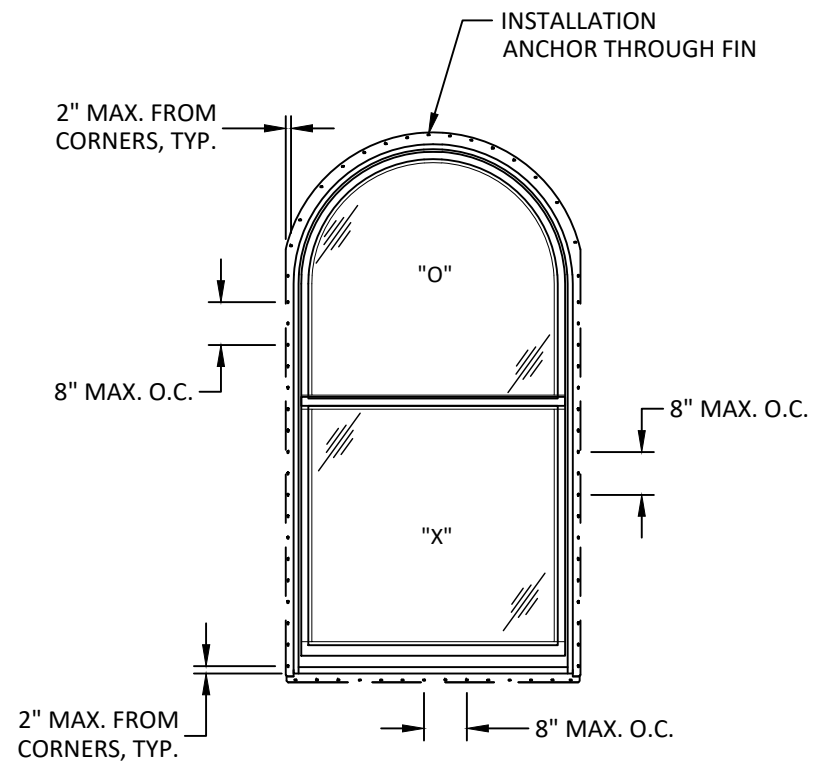
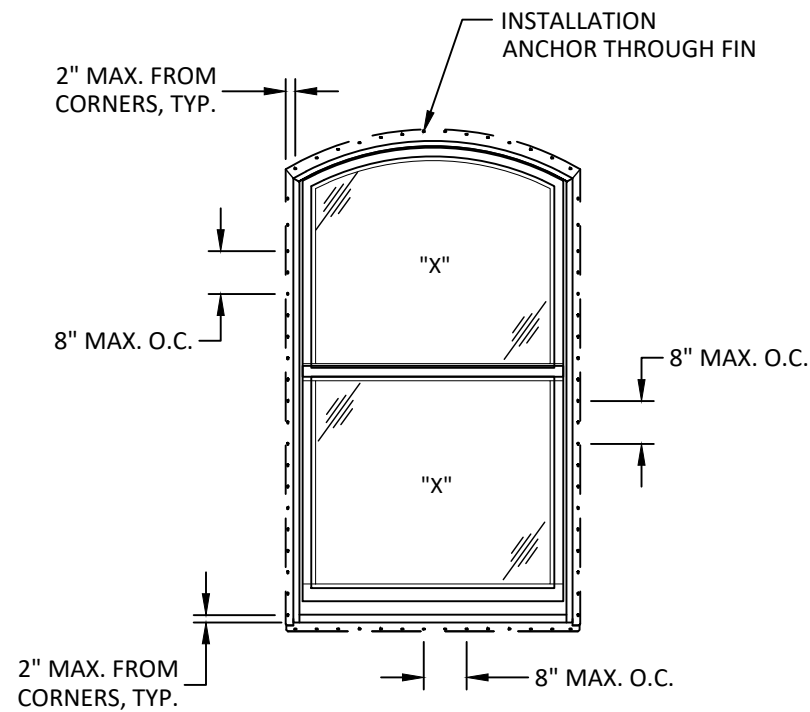
ANCHOR LAYOUT
INSTALLATION CLIP/THROUGH FRAME
ARCHTOP



ANCHOR LAYOUT
INSTALLATION CLIP/THROUGH FRAME
HALF-CIRCLE



ANCHOR LAYOUT
NAILING FIN
RECTANGULAR



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: 400 SERIES WOODWRIGHT
DOUBLE HUNG WINDOW
(NON-HVHZ)/(NON-IMPACT)
ANCHOR LAYOUTS

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

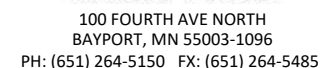


REMARKS	BY	DATE
8TH FBC CODE CHANGE	SH	10.4.23

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 #:	FL15752
DATE:	08.11.20
DWG. BY:	LL
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD286
SHEET:	3



**TITLE: 400 SERIES WOODWRIGHT
DOUBLE HUNG WINDOW
(NON-HVHZ)(NON-IMPACT)**

VERTICAL SECTIONS

PREPARED BY:

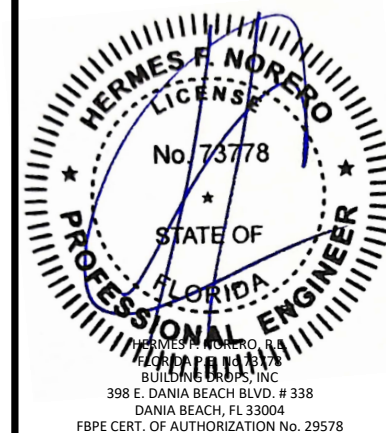
UILDING DROPS,
398 E. DANIA BEACH BLVD., STEE
DANIA BEACH, FL 33004

PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
8TH FBC CODE CHANGE	SH	10.4.23

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 #:

FL15752

DATE: 08.11.20

DWG. BY:
LL

CHK. BY:	HFN
----------	-----

SCALE: NTS

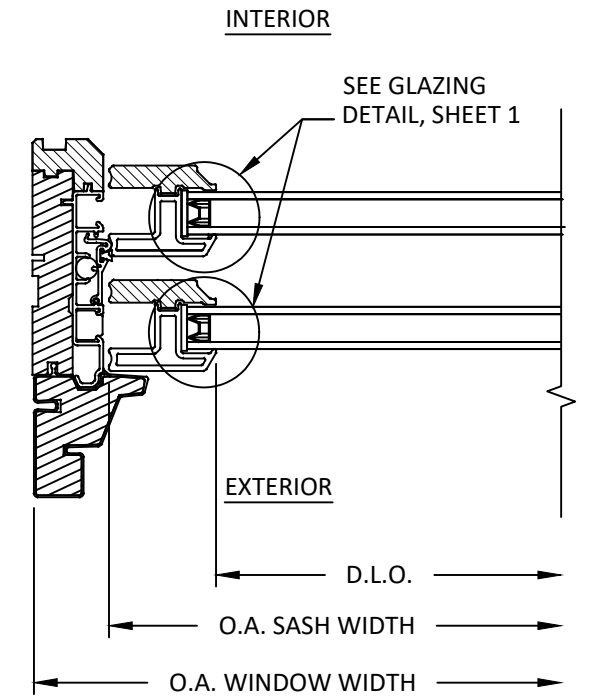
DWG. #: AWD286

SHEET:

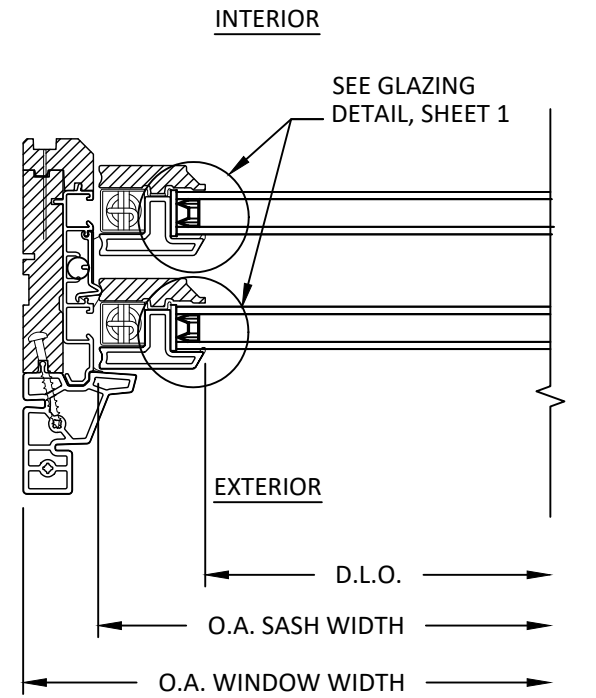
4

OF 7

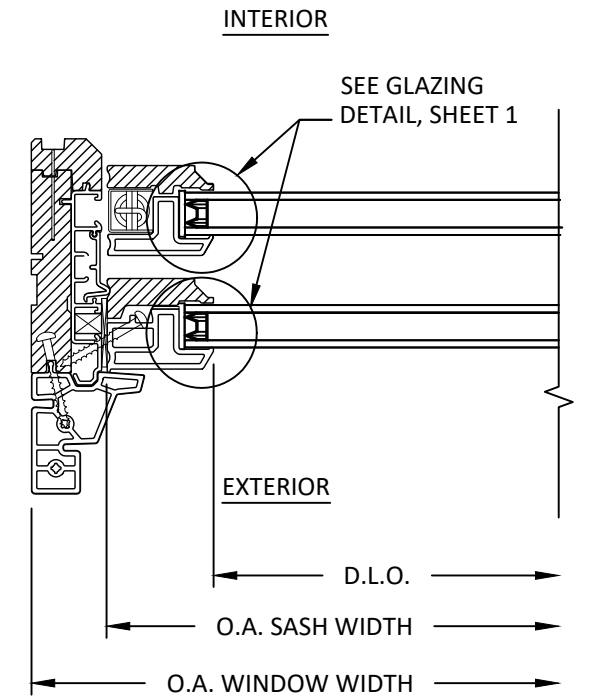
s:\projects\andersen windows\cc-23-0347 - fbc 2023 code change (8th edition)\dwgs\fl15752\awd286.dwg 10/4/2023 6:29 PM



A
5 **HORIZONTAL SECTION**
RECTANGULAR JAMB



B
5 **HORIZONTAL SECTION**
ARCHTOP JAMB



C
5 **HORIZONTAL SECTION**
HALF-CIRCLE JAMB



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: 400 SERIES WOODWRIGHT
DOUBLE HUNG WINDOW
(NON-HVHZ)/(NON-IMPACT)

HORIZONTAL SECTIONS

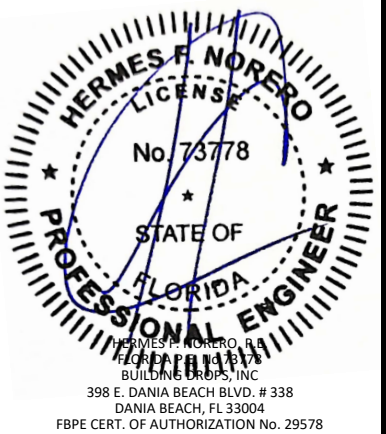
PREPARED BY: BUILDING DROPS, INC.

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



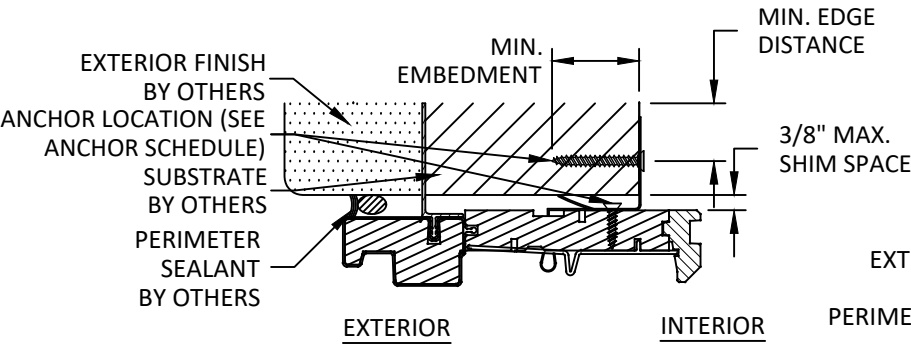
REMARKS	BY	DATE
8TH FBC CODE CHANGE	SH	10.4.23

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.

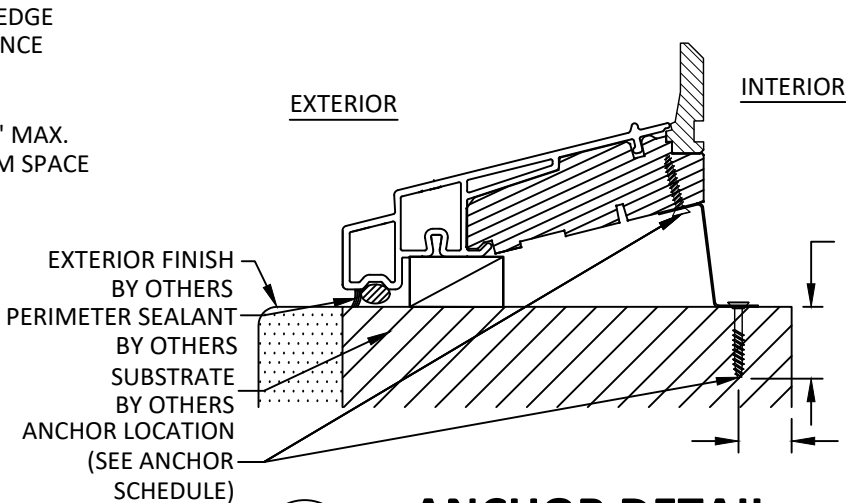


FL #:	FL15752
DATE:	08.11.20
DWG. BY:	CHK. BY:
LL	HFN
SCALE:	NTS
DWG. #:	AWD286
SHEET:	5

s:\projects\andersen windows\lcc-23-0347 - fbc 2023 code change (8th edition)\dwgs\fl15752\awd286.dwg 10/4/2023 6:29 PM



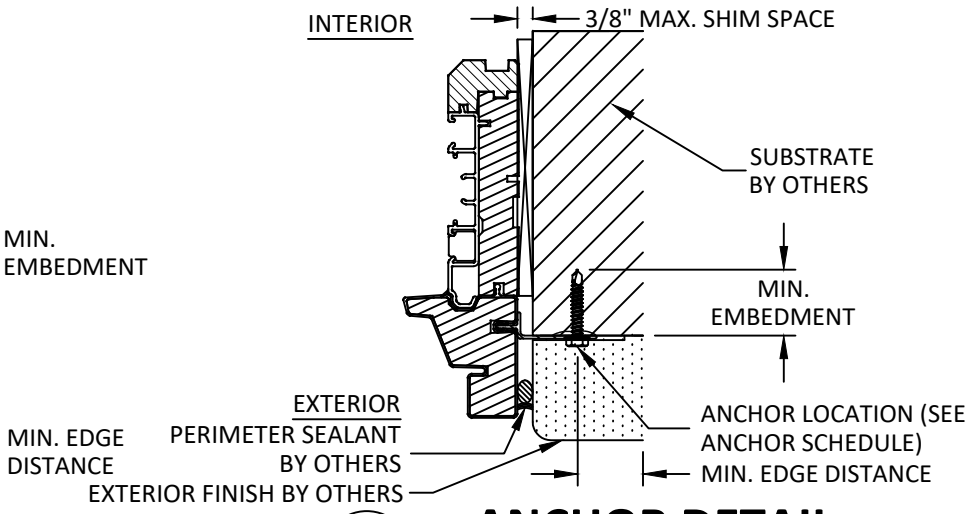
A
6
ANCHOR DETAIL
HEAD - INSTALLATION CLIP



B
6
ANCHOR DETAIL
SILL - INSTALLATION CLIP

NOTE: NAILING FIN USE IS REQUIRED WHEN INSTALLATION CLIP IS WRAPPED AROUND BUCK.

NOTE: RECTANGULAR PROFILES SHOWN INSTALLATION FOR ARCHTOP AND HALF-CIRCLE PROFILES SIMILAR.



C
6
ANCHOR DETAIL
JAMB - NAILING FIN

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 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.
- 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.
- 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.
- 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				
INSTALLATION TYPE	SUBSTRATE	ANCHOR TYPE	EMBEDMENT (IN.)	EDGE DISTANCE (IN.)
NAILING FIN	WOOD - 2X BUCK (MIN. S.G. = 0.55)	#8 WOOD SCREW OR 8d COMMON NAIL	1.50	0.75
	METAL STUD (STEEL MIN. 18GA, Fy = 36 ksi, OR ALUMINUM MIN 1/8", 6063-T5)	#8 SMS OR SELF DRILLING SCREW	3 THREADS PENETRATION BEYOND METAL WALL	0.50
INSTALLATION CLIP	WOOD - 2X BUCK (MIN. S.G. = 0.55)	#10 WOOD SCREW	1.50	0.75
	WOOD - 1X BUCK (MIN. S.G. = 0.55) TO CONCRETE (MIN. F'C = 3000 psi) OR CMU (PER ASTM C90)	3/16" ITW TAPCON	1.25	2.50
	CONCRETE (MIN. F'C = 3000 psi) OR CMU (PER ASTM C90)			1.50
THROUGH FRAME	WOOD - 2X BUCK (MIN. S.G. = 0.55)	#10 WOOD SCREW	1.50	0.75
	WOOD - 1X BUCK (MIN. S.G. = 0.55) TO CONCRETE (MIN. F'C = 3000 psi) OR CMU (PER ASTM C90)	3/16" ITW TAPCON	1.25	1.50



ANDERSEN
WINDOWS & DOORS

100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

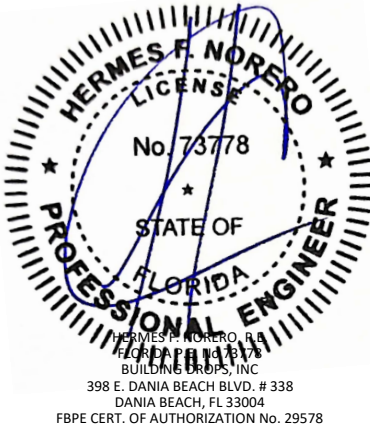
TITLE: 400 SERIES WOODRIGHT
DOUBLE HUNG WINDOW
(NON-HVHZ)/(NON-IMPACT)
ANCHOR DETAILS &
INSTALLATION NOTES

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



REMARKS	BY	DATE
8TH FBC CODE CHANGE	SH	10.4.23

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.



HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
HERMES F. NORERO, R.
REGISTERED PROFESSIONAL ENGINEER
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL15752

DATE: **08.11.20**

DWG. BY: **LL** CHK. BY: **HFN**

SCALE: **NTS**

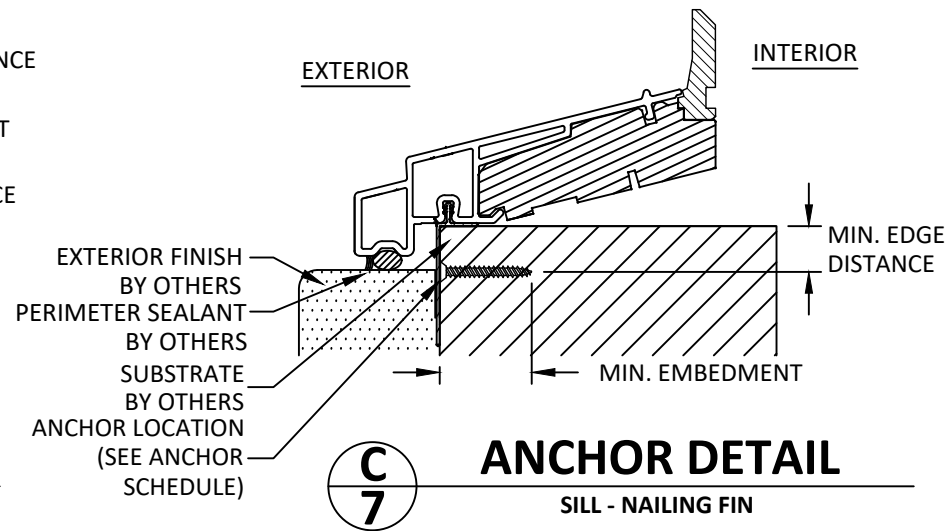
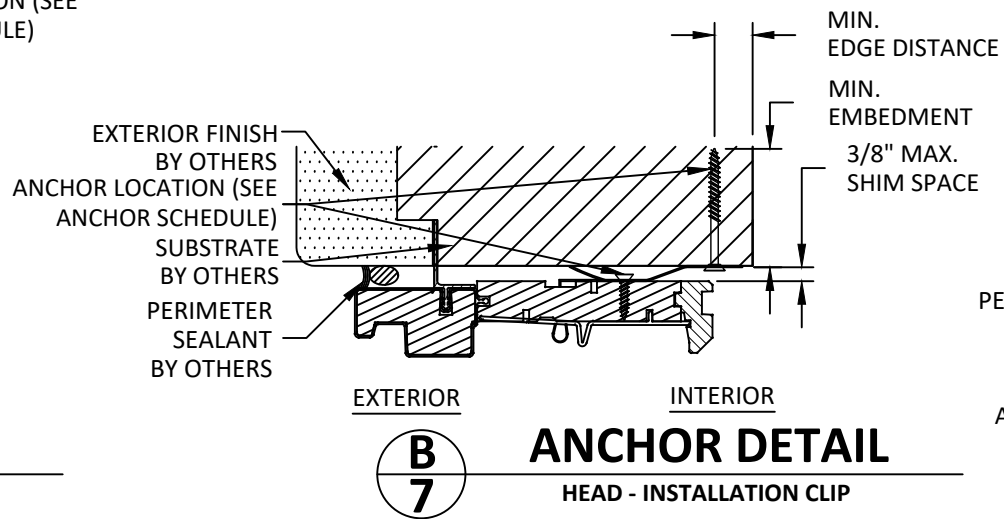
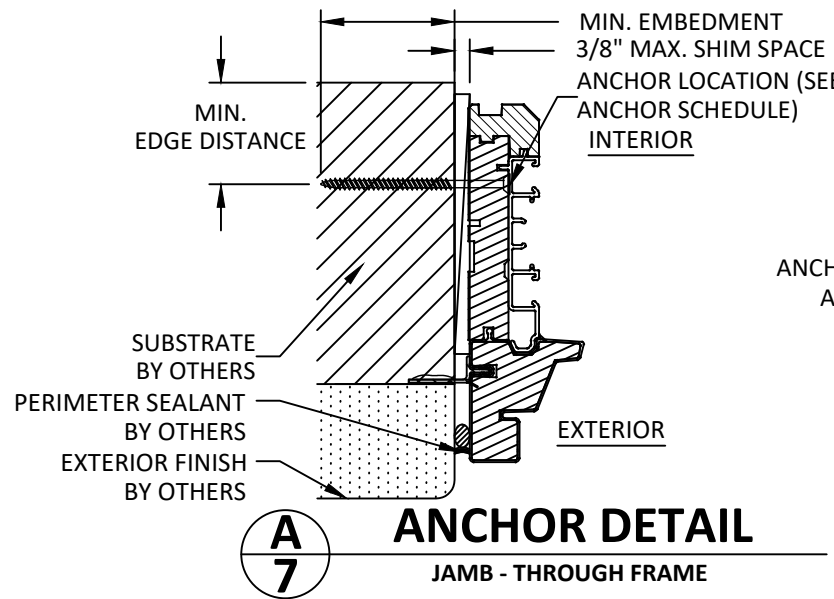
DWG. #: **AWD286**

SHEET:

6

OF 7

s:\projects\andersen windows\cc-23-0347 - fbc 2023 code change (8th edition)\dwgs\1115752\awd286.dwg 10/4/2023 6:29 PM



NOTE: NAILING FIN USE IS REQUIRED WHEN INSTALLATION CLIP IS WRAPPED AROUND BUCK.

NOTE: RECTANGULAR PROFILES SHOWN INSTALLATION FOR ARCHTOP AND HALF-CIRCLE PROFILES SIMILAR.



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: 400 SERIES WOODWRIGHT
DOUBLE HUNG WINDOW
(NON-HVHZ)/(NON-IMPACT)

ANCHOR 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
8TH FBC CODE CHANGE	SH	10.4.23

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 #:	FL15752
DATE:	08.11.20
DWG. BY:	CHK. BY:
LL	HFN
SCALE:	NTS
DWG. #:	AWD286
SHEET:	7 OF 7