

PLY GEM WINDOWS

PRO SERIES CLASSIC/5000 AWNING WINDOW

- NOTES:
1. THIS INSTALLATION HAS BEEN EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE OUTSIDE THE HVHZ, AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES DO NOT EXCEED THE DESIGN PRESSURE RATINGS HEREIN.

2. WHEN USED IN AREAS REQUIRING IMPACT PROTECTION, THIS PRODUCT REQUIRES THE USE OF APPROVED IMPACT PROTECTIVE DEVICES (SHUTTERS).

3. ANCHOR TYPE, SIZE, SPACING, EMBEDMENT, AND EDGE DISTANCE SHALL BE AS SPECIFIED IN THESE DRAWINGS. USE APPROPRIATE ANCHORAGE FROM TABLE I ACCORDING TO SUBSTRATE TYPE. A MINIMUM CENTER-TO-CENTER SPACING OF 3" SHALL BE MAINTAINED BETWEEN ALL INSTALLATION FASTENERS IN ANY DIRECTION.

4. ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO. FOR MASONRY OPENINGS WITH WOOD BUCKS LESS THAN 1-1/2" THICK, EMBEDMENT SHALL BE BEYOND WOOD BUCKS, IF USED, AND INTO MASONRY SUBSTRATE. WOOD BUCKS WITH MASONRY ARE OPTIONAL.

5. WOOD, METAL, OR MASONRY OPENINGS, BUCKS, AND BUCK FASTENERS, BY OTHERS, SHALL BE PROPERLY DESIGNED AND INSTALLED BY OTHERS TO TRANSFER SUPERIMPOSED LOADS TO THE STRUCTURE. ADEQUACY OF THE STRUCTURE TO RECEIVED THESE LOADS SHALL BE VERIFIED BY THE CONTRACTOR OR AUTHORITY HAVING JURISDICTION (AHJ).

6. IT IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD OR AS APPROVED BY THE AHJ TO SELECT PLY GEM PRODUCTS TO MEET ALL APPLICABLE LOCAL LAWS, BUILDING CODES, ORDINANCES, OR OTHER SAFETY REQUIREMENTS FOR EACH INSTALLATION.

7. SHIMS ARE REQUIRED WHERE GAPS OF GREATER THAN 1/16" EXIST BETWEEN OPENING AND FRAME. MAX. SHIM STACK IS 1/4". SHIMS SHALL BE LOAD-BEARING AND CAPABLE OF TRANSFERRING LOADS TO THE SUBSTRATE.

8. SEALING AND FLASHING STRATEGIES FOR OVERALL WATER INFILTRATION RESISTANCE OF THE INSTALLED PRODUCT SHALL BE THE RESPONSIBILITY OF OTHERS USING ASTM E 2112 AND IS NOT ADDRESSED BY THIS DOCUMENT.

9. INSTALLED GLAZING SHALL COMPLY WITH ASTM E 1300.

10. ALL FASTENERS PENETRATING INTO PRESSURE TREATED WOOD SHALL BE CAPABLE OF PREVENTING CORROSION DUE TO REACTION WITH PRESSURE TREATMENT CHEMICALS. ANY DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE PROTECTED TO PREVENT REACTIONS IN ACCORDANCE WITH CODE REQUIREMENTS.

11. A WIND LOAD DURATION FACTOR Cd = 1.6 WAS USED FOR THE ANALYSIS OF WOOD SCREWS ONLY.

12. PRODUCTS SHALL BE CONSTRUCTED AS SPECIFIED IN TEST REPORTS NATIONAL CERTIFIED TESTING LABORATORIES 110-13639-1.

13. DESIGNATION "X" IS FOR OPERABLE PANEL AND "O" IS FOR FIXED PANEL.

14. USE A BACKER ROD ON ALL JOINTS >3/4" DEEP AND/OR WIDER THAN 1/4". FINISHED CAULK JOINT SHOULD BE A MINIMUM OF 3/8" DEEP.

SIZE CHART				
OVERALL SIZE		PRODUCT RATING	MAX. DESIGN PRESSURE	MISSILE IMPACT RATING
WIDTH	HEIGHT			
47-1/2"	35-1/2"	AP-LC50	+50/-50 PSF	NON-IMPACT

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SHEET	SHEET DESCRIPTION
1	INSTALLATION & GENERAL NOTES
2	ELEVATION & ANCHOR LAYOUT
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Lucas Turner

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TABLE I: INSTALLATION FASTENERS TABLE

ID	SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBED.	MIN. EDGE DISTANCE
A	2X MIN. SPRUCE-PINE-FIR WOOD (G=0.42)	8D COMMON NAIL (0.131" MIN.) OR 0.120" MIN. ROOFING NAIL	2"	7/16"
B	2X MIN. SPRUCE-PINE-FIR WOOD (G=0.42)	#8 WOOD SCREW	1-1/2"	7/16"

Ply Gem®

WINDOWS & DOORS

Part of the Cornerstone Building Brands Family

433 N. MAIN ST.,
PO BOX 559,
ROCKY MOUNT, VA 24151

PH: 540-484-6348
FX: 540-484-6683

TITLE: PRO SERIES CLASSIC/5000 AWNING WINDOW INSTALLATION & GENERAL NOTES	DATE	1.14.14	08.10.18	11.16.20	01.30.26
	BY	TJM	LMH	LMH	LMH
	REVISION DESCRIPTION				
	NO.	A	B	C	D
		2010 FBC REVISIONS	ADDED NOTES & TABLE I	7TH EDITION (2020) FBC	UPDATED TO CURRENT FBC
DATE: 02.17.12	DWN BY: GRN	CHK BY:	SCALE: NTS		

LUCAS A. TURNER

LICENSE

No. 58201

STATE OF FLORIDA

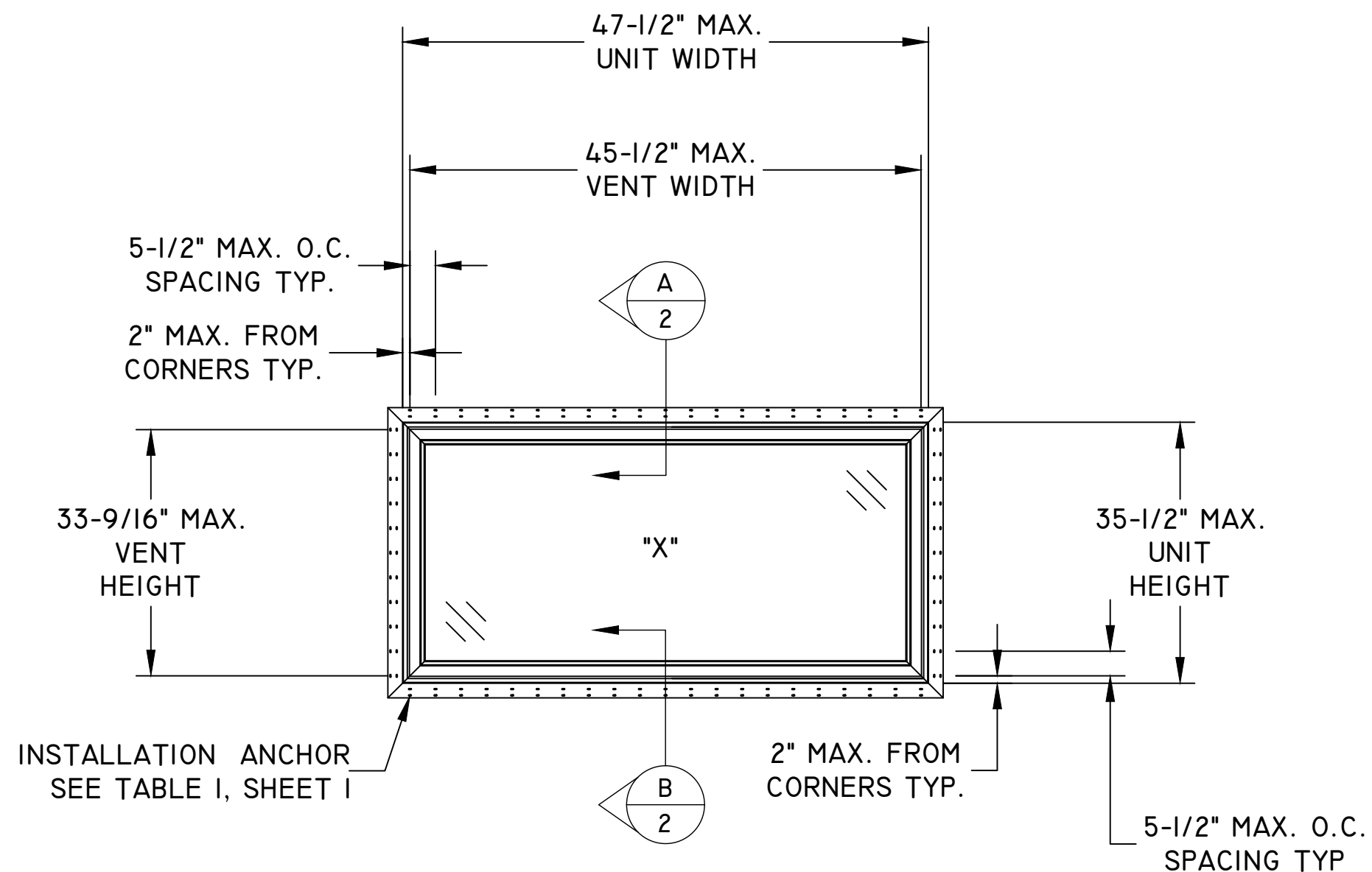
PROFESSIONAL ENGINEER

01/30/2026
LUCAS A. TURNER, P.E.
FL PE # 58201
TURNER ENGINEERING & CONSULTING, INC.
(COA # 29779)
2428 OLD NATCHEZ TRACE TRAIL, CAMDEN, TN 38320
PH. 941-380-1574

FL#: 15316

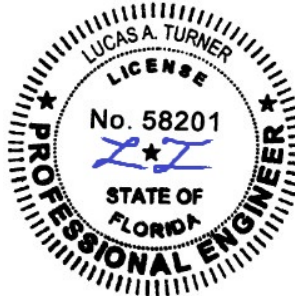
DWG #: PGWI04

SHEET: 1 OF 3

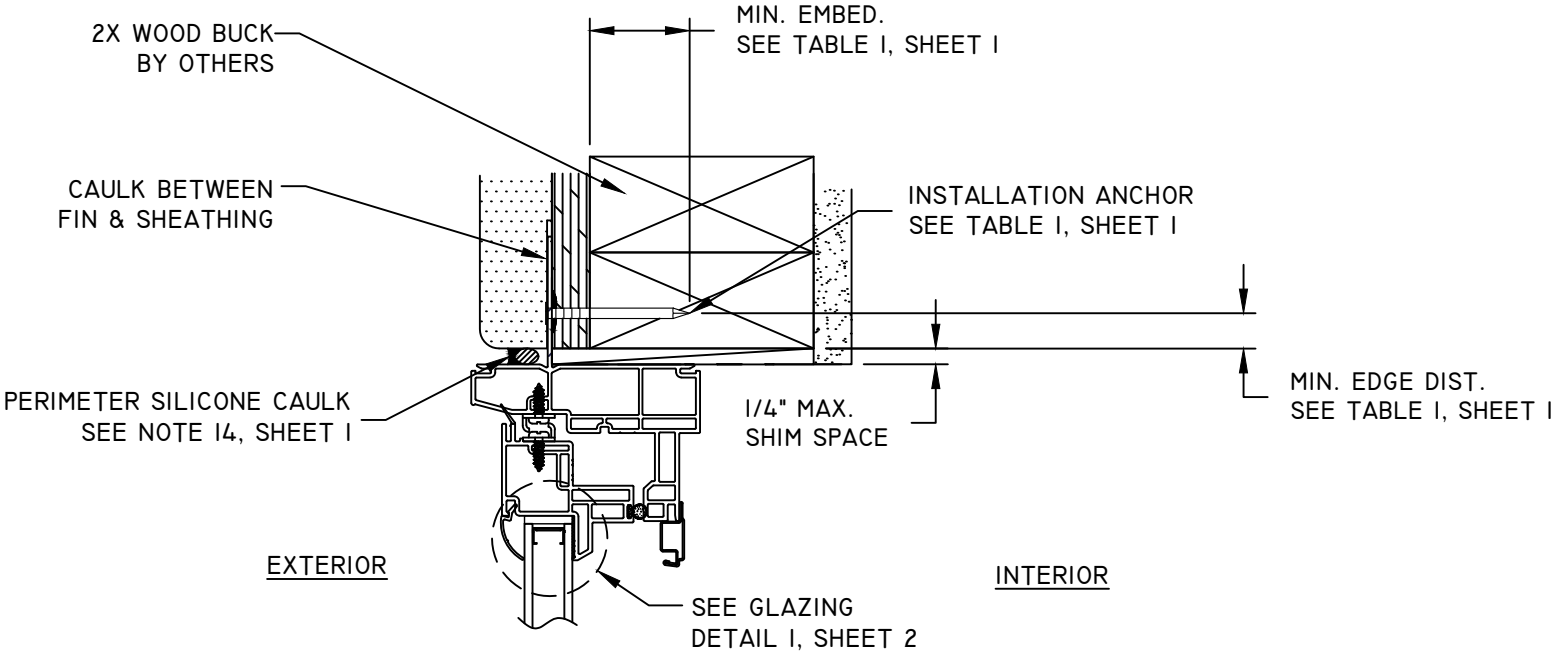


**TYPICAL ELEVATION WITH
FASTENER SPACING**

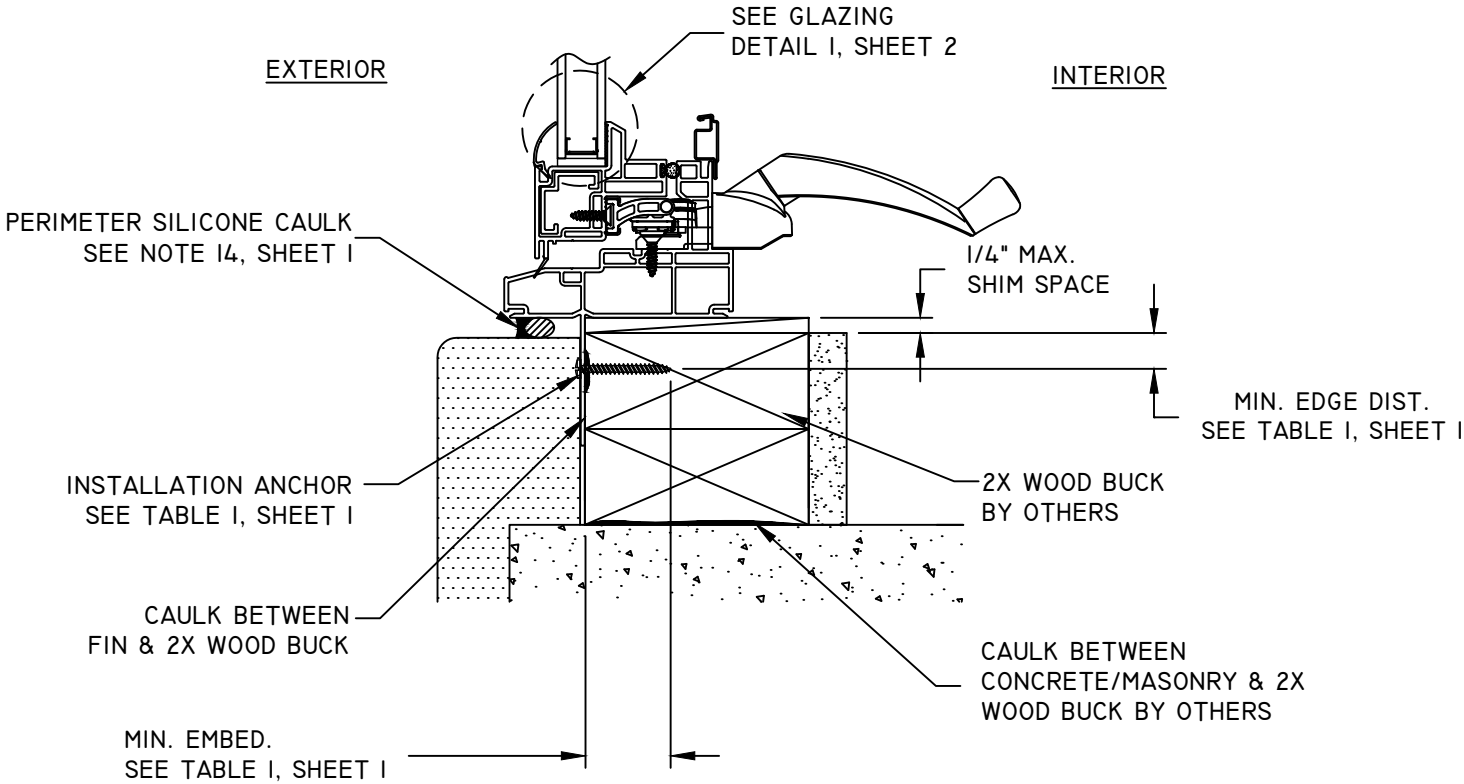
TITLE: PRO SERIES CLASSIC/5000 AWNING WINDOW ELEVATION & ANCHOR LAYOUT		DATE	BY	1.14.14	08.10.18	11.16.20	01.30.26
		NO.	REVISION DESCRIPTION	A	B	C	D
DATE: 02.17.12	DWN BY: GRN	CHK BY:	SCALE: NTS	A	B	C	D
				2010 FBC REVISIONS	ADDED NOTES & TABLE I	7TH EDITION (2020) FBC	UPDATED TO CURRENT FBC


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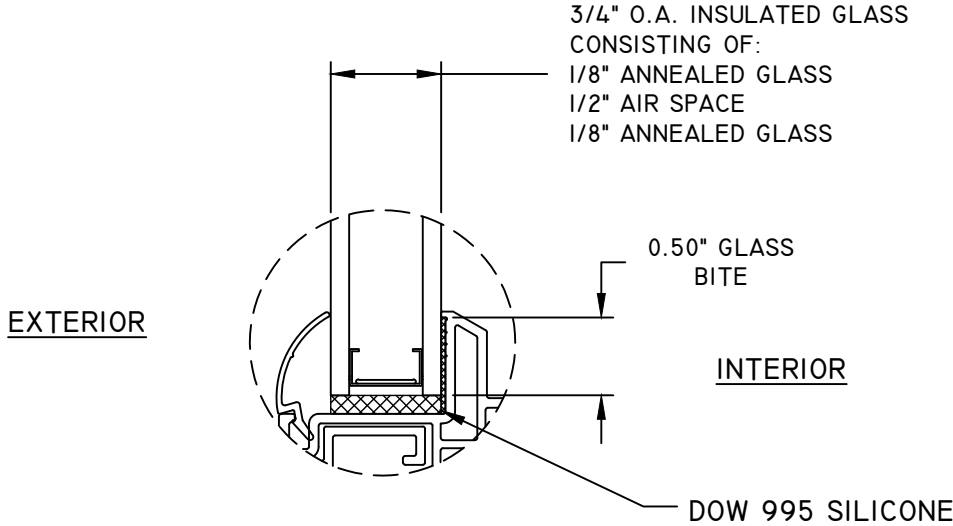
FL#:	15316
DWG #:	PGWI04
SHEET:	2 OF 3



A
2 **AWNING SECTION**
2X WOOD FRAME - HEAD & JAMBS
FIN INSTALLATION



B
2 **AWNING SECTION**
2X WOOD BUCK - SILL
FIN INSTALLATION



GLAZING DETAIL 1

TITLE: PRO SERIES CLASSIC/5000 AWNING WINDOW INSTALLATION DETAILS & GLAZING DETAIL	DATE	BY	DATE	BY
	NO.	REVISION DESCRIPTION	DATE	BY
DATE: 02.17.12	A	2010 FBC REVISIONS	1.14.14	TJM
DWN BY: GRN	B	ADDED NOTES & TABLE I	08.10.18	LMH
CHK BY:	C	7TH EDITION (2020) FBC	11.16.20	LMH
SCALE: NTS	D	UPDATED TO CURRENT FBC	01.30.26	LMH



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SHEET: 3 OF 3