

PLY GEM WINDOWS - PRO SERIES CLASSIC / 1500 SERIES

TRANSOM & SIDELITE (NON-IMPACT)

- NOTES:
- 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.
 - WHEN USED IN AREAS REQUIRING IMPACT PROTECTION, THIS PRODUCT REQUIRES THE USE OF APPROVED IMPACT PROTECTIVE DEVICES (SHUTTERS).
 - 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.
 - 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.
 - 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).
 - 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.
 - 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.
 - SEALING AND FLASHING STRATEGIES FOR OVERALL WATER INFILTRATION RESISTANCE OF THE INSTALLED PRODUCT SHALL BE THE RESPONSIBILITY OF OTHERS USING ASTM E2112 AND IS NOT ADDRESSED BY THIS DOCUMENT.
 - INSTALLED GLAZING SHALL COMPLY WITH ASTM E1300.
 - 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.
 - A WIND LOAD DURATION FACTOR $C_d = 1.6$ WAS USED FOR THE ANALYSIS OF WOOD SCREWS ONLY.
 - PRODUCTS SHALL BE CONSTRUCTED AS SPECIFIED IN TEST REPORTS NATIONAL CERTIFIED TESTING LABORATORIES I10-21569-I, I10-21906-I AND I10-21568-I.
 - DESIGNATION "X" IS FOR OPERABLE PANEL AND "O" IS FOR FIXED PANEL.
 - 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						
PRODUCT	OVERALL SIZE		PRODUCT RATING	MAX. DESIGN PRESSURE	GLAZING DETAIL	MISSILE IMPACT RATING
	WIDTH	HEIGHT				
TRANSOM	95-1/2"	38-1/4"	LC-PG55	+55/-55 PSF	1	NON-IMPACT
SIDELITE	50-1/8"	95-1/2"	LC-PG45	+45/-45 PSF	2	
	38-3/16"	95-1/2"	LC-PG60	+60/-60 PSF	2	

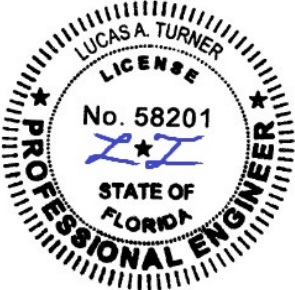
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TABLE I: INSTALLATION FASTENERS TABLE				
ID	SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBED.	MIN. EDGE DISTANCE
FIN INSTALLATION				
A	2X MIN. SPRUCE-PINE-FIR WOOD (G=0.42)	8D COMMON NAIL	2"	3/8"
B	2X MIN. SPRUCE-PINE-FIR WOOD (G=0.42)	#8 WOOD SCREW	1-1/2"	3/8"
C	16 GAUGE (0.060") STEEL 36 KSI MIN. OR 1/8" ALUM. 6063-T5 MIN.	#10-16 SELF-DRILLING SCREW (TEKS/DRIL-FLEX/KWIK-FLEX)	FULL, PLUS 3 THREADS MIN.	1/2"

*NOTE: ALL SCREWS SHALL HAVE MOD. TRUSS, PAN, OR HEX WASHER HEAD, 0.42" MIN. HEAD OR WASHER DIAMETER. ALL NAILS SHALL HAVE FULL ROUND HEAD (OR USE CAPS/WASHERS), 0.42" MIN. HEAD OR WASHER DIAMETER.

TITLE: PRO CLASSIC/1500 SERIES TRANSOM & SIDELITE INSTALLATION & GENERAL NOTES	DATE	08.10.22	08.17.26		
	BY	LMH	LMH		
	REVISION DESCRIPTION	UPDATED TITLEBLOCK			
	NO.	A	B		
DATE: 07.18.16	DWN BY: HFN	CHK BY:		SCALE: NTS	



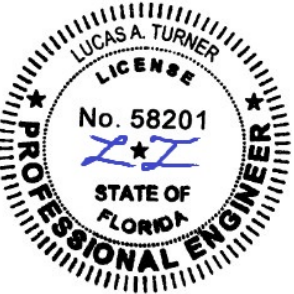
08/17/2026
LUCAS A. TURNER, P.E.
FL PE # 58201
TURNER ENGINEERING & CONSULTING, INC.
(COA # 29779)
2428 OLD NATCHEZ TRACE
TRAIL, CAMDEN, TN 38320
PH. 941-380-1574

FL #: 15296

DWG #: PGW118

SHEET: 1 OF 3

TITLE: PRO CLASSIC/I500 SERIES TRANSOM & SIDELITE INSTALL & GENERAL NOTES, ELEVATION & ANCHOR LAYOUT					
NO.	REVISION DESCRIPTION		BY	DATE	
	A		LMH	08.10.22	
	B		LMH	08.17.26	
DATE:	07.18.16	DWN BY:	HFN	CHK BY:	
		SCALE:		NTS	

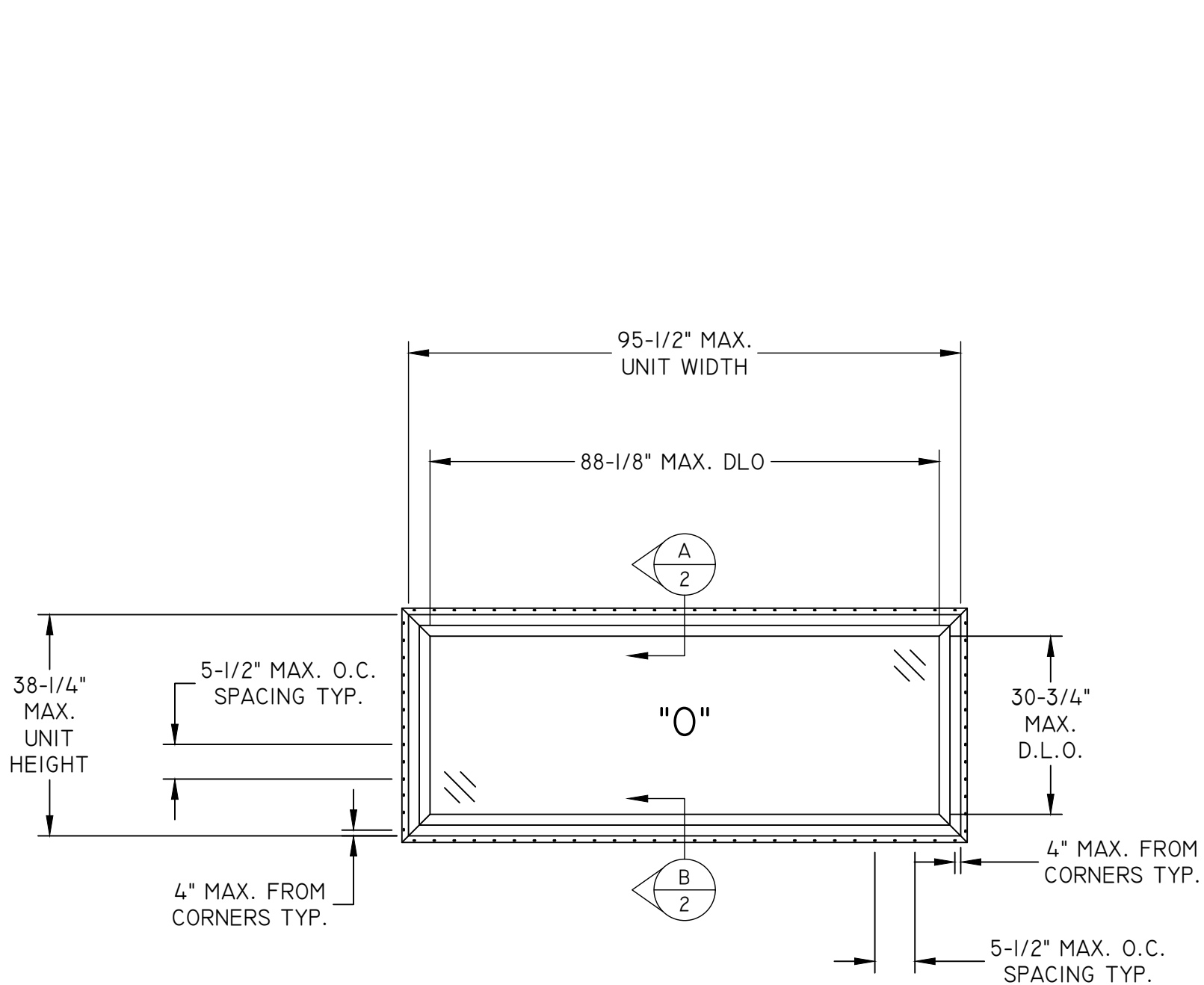


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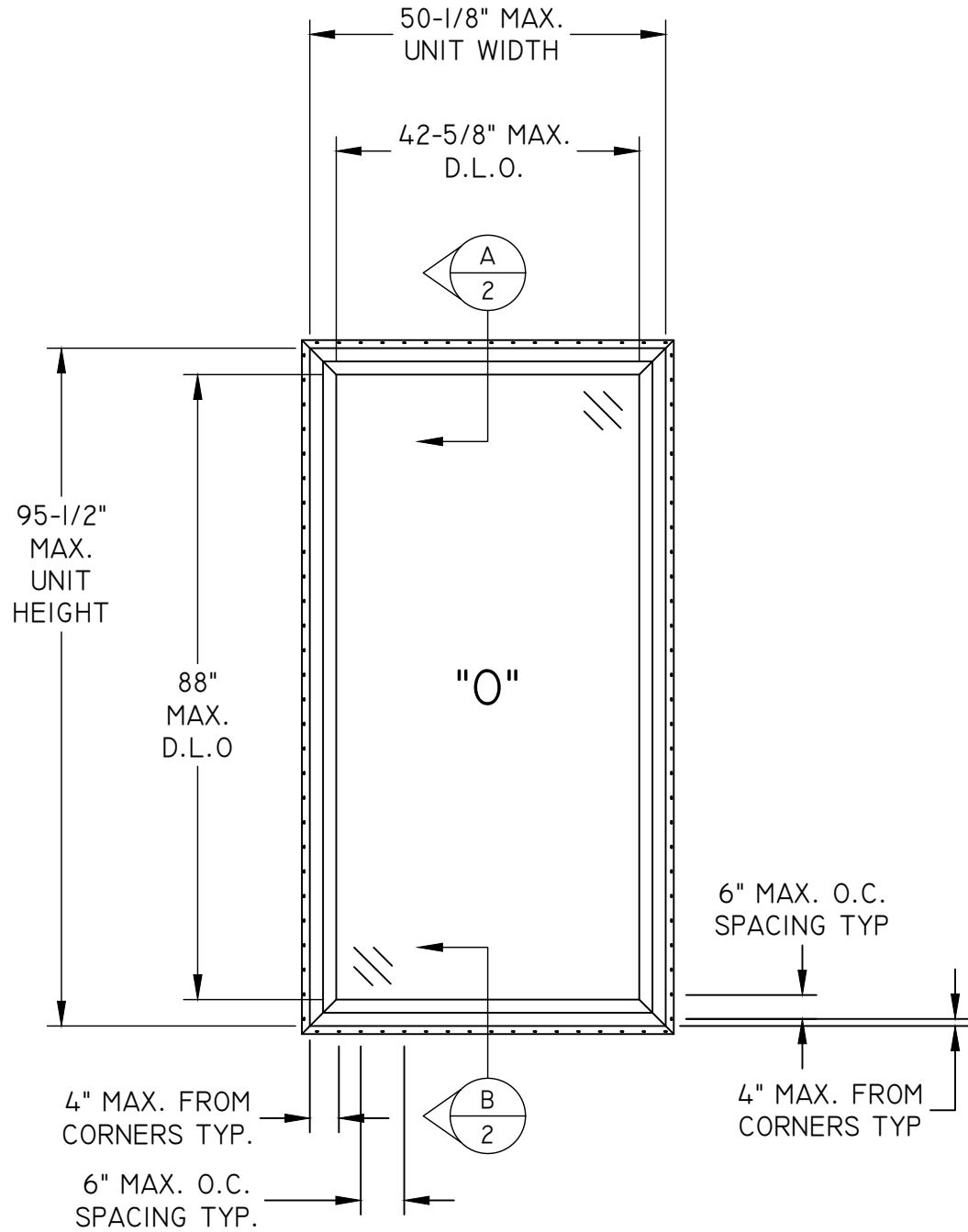
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DWG #: PGWII8

SHEET: 2 OF 3

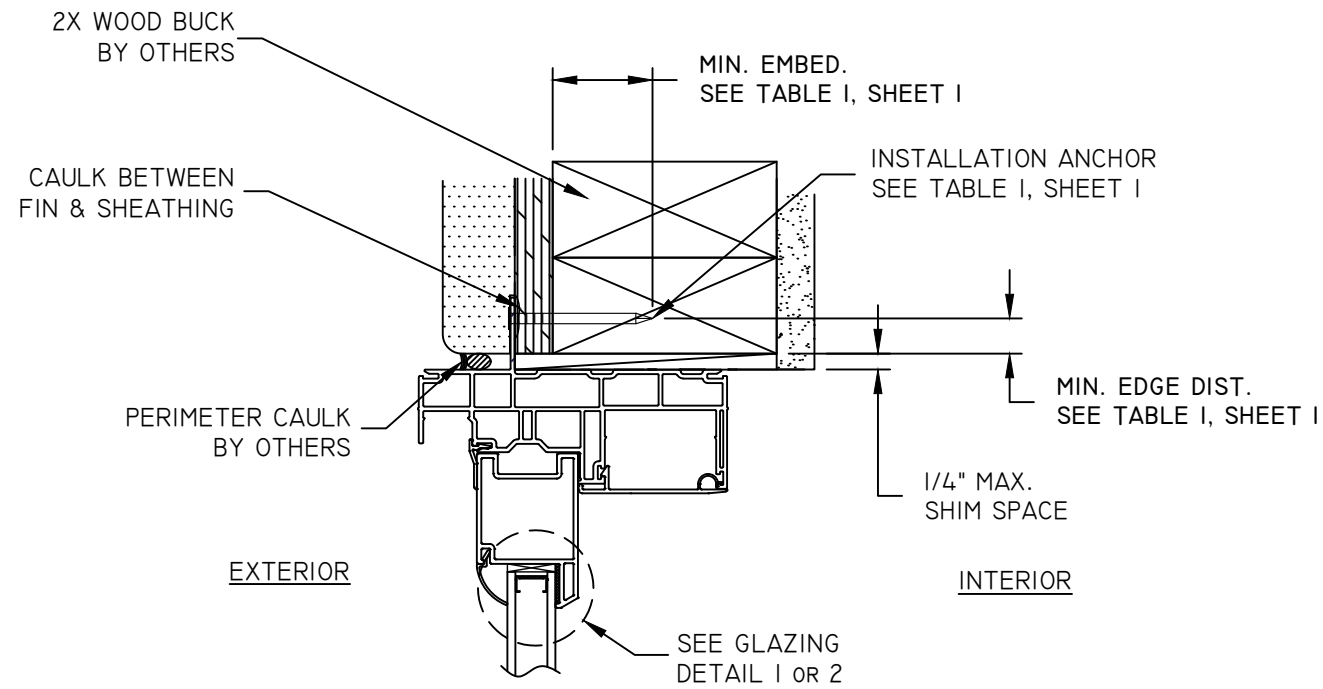


TYPICAL ELEVATION WITH FASTENER SPACING
TRANSOM

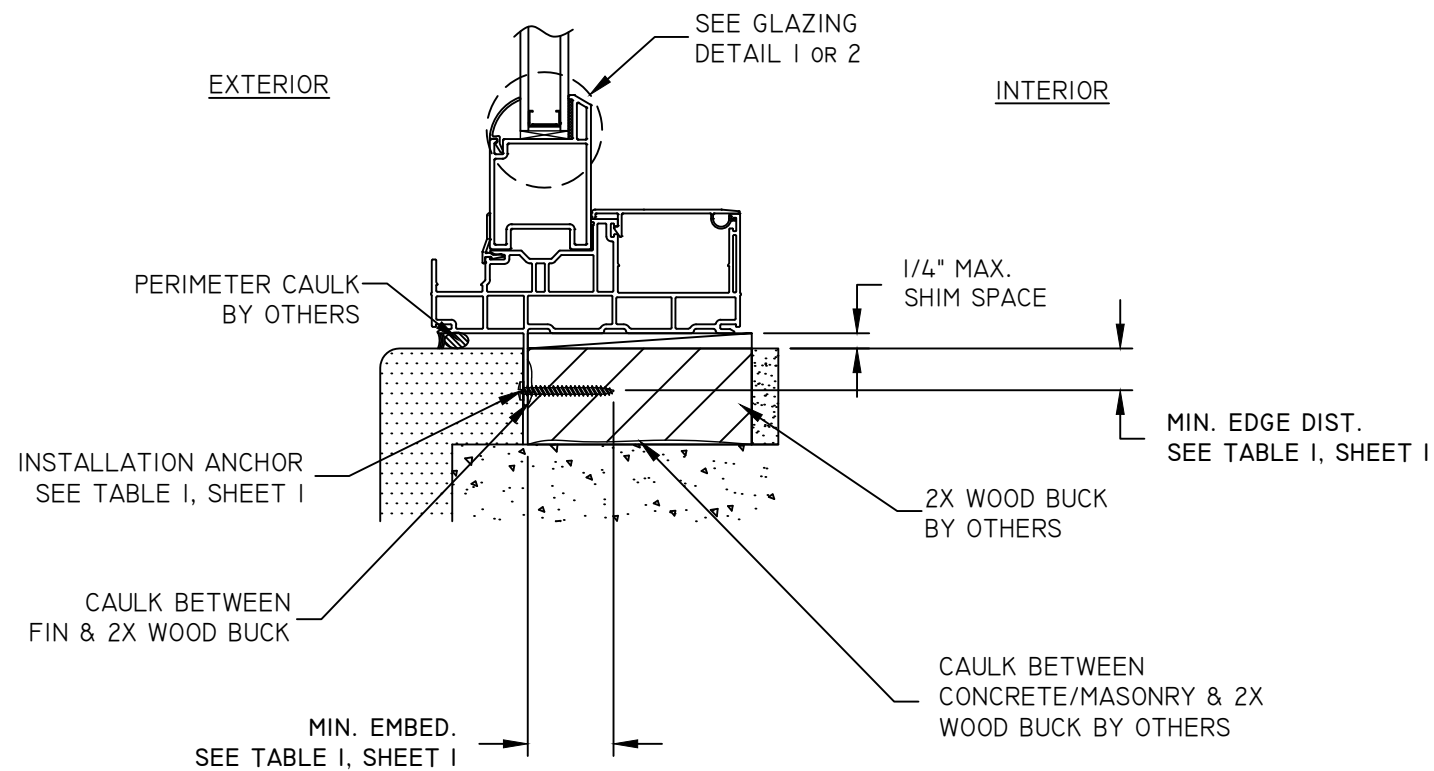


TYPICAL ELEVATION WITH FASTENER SPACING
SIDELITE

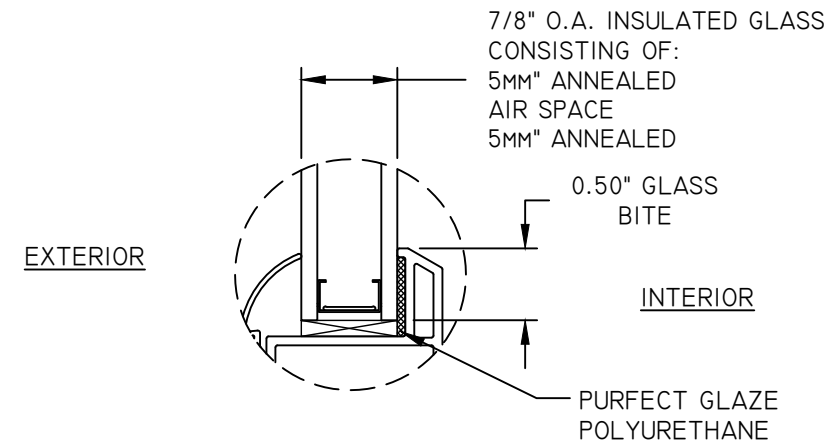
ANCHOR SPACING ABOVE APPLIES TO ALL SIDELITE
SIZES & DP RATINGS, SEE SHEET I SIZE CHART.



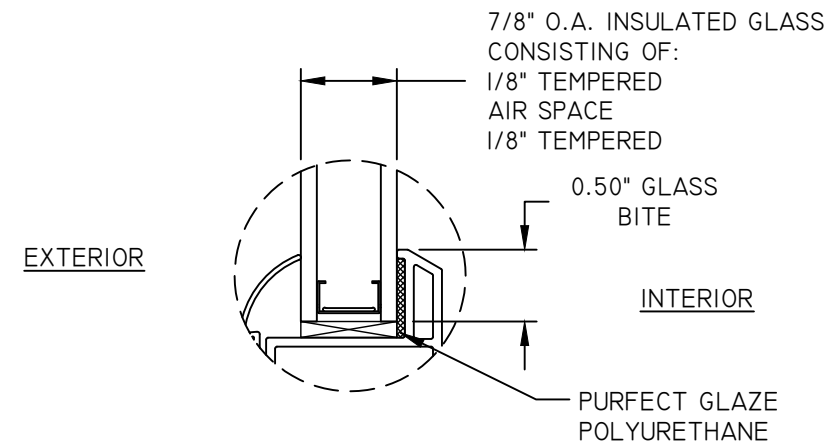
A
2 **VERTICAL SECTION**
2X WOOD FRAME - HEAD
SIDELITE/TRANSOM



B
2 **VERTICAL SECTION**
2X WOOD BUCK - SILL
SIDELITE/TRANSOM



GLAZING DETAIL 1



GLAZING DETAIL 2

TITLE: PRO CLASSIC/1500 SERIES TRANSOM & SIDELITE HORIZONTAL SECTIONS & GLAZING DETAIL					
DATE: 07.18.16		NO.	REVISION DESCRIPTION	BY	DATE
DWN BY: HFN		A	UPDATED TITLEBLOCK	LMH	08.10.22
CHK BY: .		B	UPDATED TO CURRENT FBC.	LMH	08.17.26
SCALE: NTS					



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SHEET: **3 OF 3**