# SIMONTON WINDOWS - 07-0

## NOTES:

- THIS INSTALLATION HAS BEEN EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODES 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, FOR USE OUTSIDE THE H.V.H.Z.
- 2. THIS PRODUCT IS MISSILE LEVEL C, WIND ZONE 2 IMPACT RESISTANT. WHEN USED IN WINDOW ZONE 2 OR BELOW AREAS, THIS PRODUCT DOES NOT REQUIRE THE USE OF APPROVED IMPACT PROTECTIONS DEVICES (SHUTTERS).
- 3. ALL INTERIOR AND EXTERIOR PERIMETER SURFACES OF THE WINDOW MUST BE CAULKED.
- 4. ANCHOR TYPE, SIZE, SPACING, AND EMBEDMENT SHALL BE AS SPECIFIED IN THESE DRAWINGS. USE APPROPRIATE ANCHORAGE FROM TABLE | ACCORDING TO SUBSTRATE TYPE. A MINIMUM CENTER-TO-CENTER SPACING OF 3" SHALL BE MAINTAINED BETWEEN ALL INSTALLATION FASTENERS IN ANY DIRECTION.
- 5 ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO. WOOD BUCKS WITH CONCRETE/CMU ARE OPTIONAL; IF USED, FOR WOOD BUCKS LESS THAN 1-1/2" THICK. INSTALLATION ANCHOR EMBEDMENT SHALL BE BEYOND WOOD BUCKS AND INTO CONCRETE/CMU. FOR WOOD BUCKS I-1/2" THICK OR GREATER, INSTALLATION ANCHOR EMBEDMENT SHALL BE INTO WOOD BUCKS.
- 6. 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).
- 7. IT IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD OR AS APPROVED BY THE AHJ TO SELECT SIMONTON PRODUCTS TO MEET ALL APPLICABLE LOCAL LAWS, BUILDING CODES, ORDINANCES, OR OTHER SAFETY REQUIREMENTS FOR EACH INSTALLATION.
- 8. MAX. SHIM STACK IS 1/4". AND SHIMS SHOULD BE USED WHERE GAPS OF GREATER THAN 1/16" EXISTING BETWEEN THE OPENING AND FRAME IN THE FOLLOWING LOCATIONS: FOR THROUGH-FRAME AT EACH INSTALLATION ANCHOR, AND FOR FIN AT THE JAMBS MAX. 6" FROM CORNERS AND AT MID-SPAN. SHIMS SHALL BE LOAD-BEARING AND CAPABLE OF TRANSFERRING LOADS TO THE SUBSTRATE.
- 9. SEALING AND FLASHING BY OTHERS SHOULD BE APPLIED USING THE ASTM E 2112 METHODOLOGY APPROPRIATE FOR THE OPENING INTO WHICH THE WINDOW IS BEING INSTALLED. OVERALL WATER PENETRATION RESISTANCE OF THE INSTALLED PRODUCT IS THE RESPONSIBILITY OF OTHERS.
- 10. GLAZING SHALL COMPLY WITH ASTM E 1300.
- II. A WIND LOAD DURATION FACTOR CD = 1.6 was used for the analysis of wood SCREWS ONLY.
- 12. ALL FASTENERS PENETRATING INTO PRESSURE TREATED WOOD SHALL BE COATED OR CONSTRUCTED OF MATERIAL 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.
- 13. WINDOWS SHALL BE CONSTRUCTED AS SPECIFIED IN TEST REPORTS T261-10 BY FARABAUGH ENGINEERING & TESTING, INC. AND 110-24294-1 BY NATIONAL CERTIFIED TESTING LABORATORIES.
- 14. DESIGNATION "X" IS FOR OPERABLE PANEL AND "O" IS FOR FIXED PANEL.
- 15. Use a backer rod on all joints >3/4". Finished caulk joint should be a MINIMUM OF 3/8".

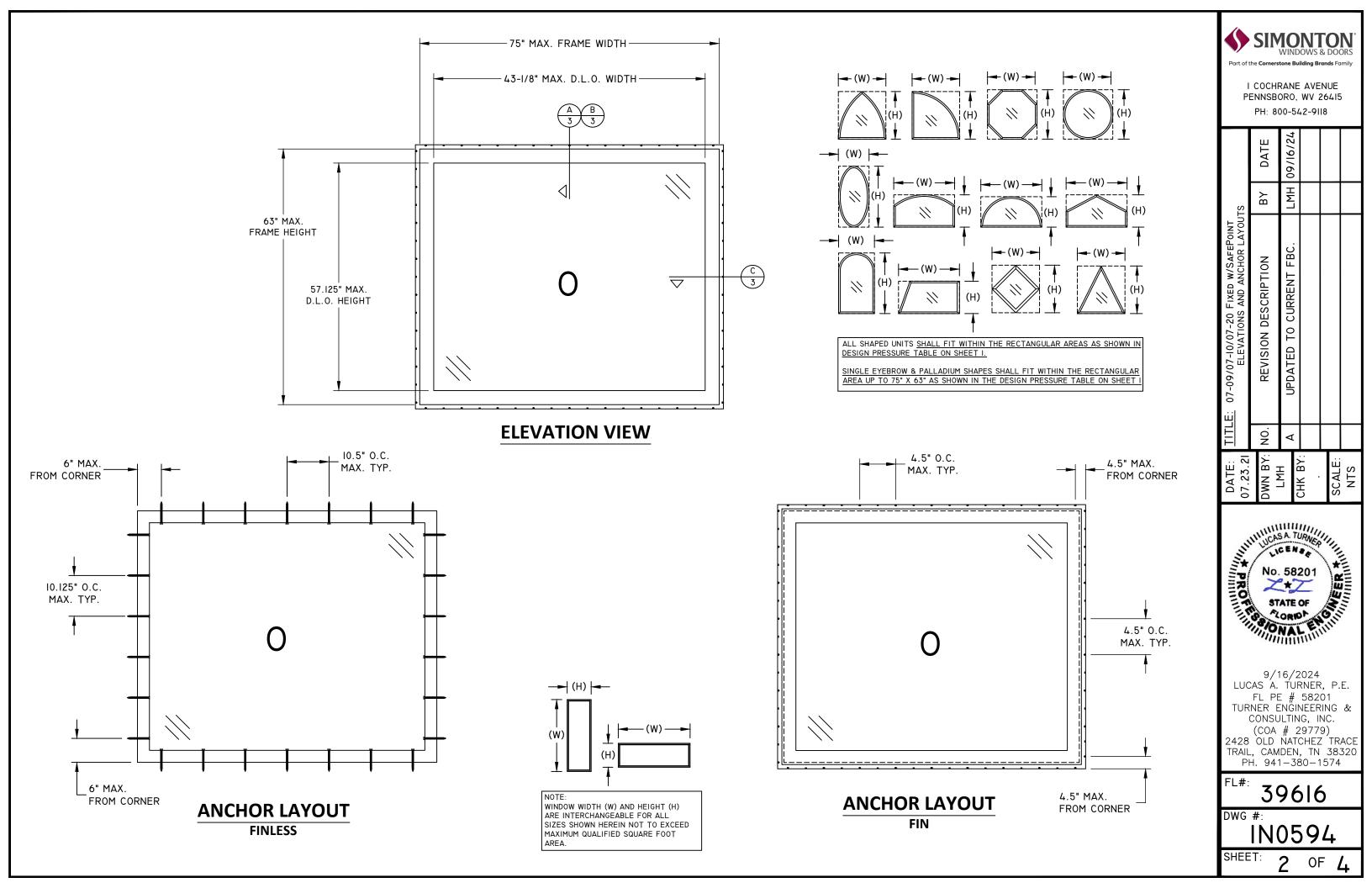
07-10 / 07 ′SAFEPOI						TRIC	WINDO	SW	I	COCHF	TON WINDOWS tone Building I RANE AV DRO, WV DO-542-9	ENUE 26415
									ĒS	TE	124	
			DESIGN	N PRESSURE	TABLE				TABLES	DATE	09/16/	
PRODUCT MOD	<u>)EL</u>	OVERALL SIZE PERFORMANCE   WIDTH HEIGHT		<u>DESIGN</u> <u>PRESSURE</u>	NSTALLATION METHOD	MISSILE IMPAC	_	ASTENER	ВΥ	гмн о		
07-09   07-10	07-20	75"	63"	R-PG40	+40/-40 PSF	NAIL FIN	MISSILE C		OINT ION F.			
07-09   07-10	07-09   07-10   07-20		75" 63" R-PG4		+40/-40 PSF	THROUGH FRAME	WIND ZONE 2	) ZONE 2			FBC.	
	٦		DF CONTENT					07-09/07-10/07-20 FIXED W/SAFEPOINT TES, DESIGN PRESSURE & INSTALLATION FASTENER	REVISION DESCRIPTION	ED TO CURRENT		
	1	NOTES, D			ON FASTENER TABLES	_			9/07- ESIG	RVI	UPDATE	
	2			ATION & ANCHOR LA		-			07-0 <sup>0</sup> ES, D	Ľ	IJ	
	4		VERTICA	GLAZING DETAILS		_			TITLE: 07- NOTES,			
SUBSTRATE T		I: INS	TALLA	TION FASTE	ENERS TABLE	MIN. EMBED	MIN. EDG		DATE: 07.23.21	DWN BY:	Ċ	· SCALE: NTS
			FIN IN	STALLATION				_		11111	A. TURA	111.
2X MIN. SOUTHERN PINE WC	)OD	#8 GR/	ADE 5 WOOD			- /2"	3/8"		III	100.	ENSE	
(G=0.55) 6 GAUGE (0.060"), STEEL 3				-TAPPING/DRILLIN	G SCREW	FULL, PLU	S 3 3/8"	_	PR	No.	58201	ER
OR I/8" ALUM. 6063-T5 MIN.			FRAME	INSTALLATION		THREADS I	1IN.	_	ROF	ST	ATE OF	INE IIIIII
CONCRETE (2 KSI MIN.)		3/16" 1	TAPCON	w/ADVANCED THRE	EADFORM TECHNOLOG	Y I-I/2"	1-1/8"	_	111	810	NALE	A HILL
HOLLOW OR GROUT-FILLED	CMU	_		w/ADVANCED THRE		2"	_			annu.		
2X MIN. SOUTHERN PINE WC (G=0.55)	OD	3/16" 1	TW TAPCON	w/ADVANCED THRE	Y I-3/8"	7/8"	_	9/16/2024 LUCAS A. TURNER,				
2X MIN. SOUTHERN PINE WC (G=0.55)	OD	3/16" E	3/16" ELCO ULTRACON or DEWALT ULTRACON+				I-I/8"		FL PE # 5820 TURNER ENGINEERI CONSULTING, IN			RING &
CONCRETE (3.05 KSI MIN.)		3/16" E	LCO ULTRA	CON OR DEWALT UL	TRACON+	1-3/4"	I"			(COA	# 2977	
HOLLOW OR GROUT-FILLED (ASTM C-90)	CMU	3/16" E	LCO ULTRA	CON OR DEWALT UL	TRACON+	- /4"	2-1/2"		TRAIL	, CAM		N 38320
2X MIN. SOUTHERN PINE WC (G=0.55)	OOD	#10 GR	ADE 5 WOO	D SCREW		I-3/8"	7/8"		FL#:	<b>Z</b> (		6
6 GAUGE (0.060"), STEEL 3 DR I/8" ALUM. 6063-T5 MIN.		#10 GR	ADE 5 SELF	-TAPPING/DRILLIN	G SCREW	FULL, PLU THREADS N	1/2"		DWG		961	U
*N0				HAVE MOD. TR WASHER DIAM	USS, PAN OR HE ETER.	X WASHER H	IEAD,			<u>IN(</u>	059	94

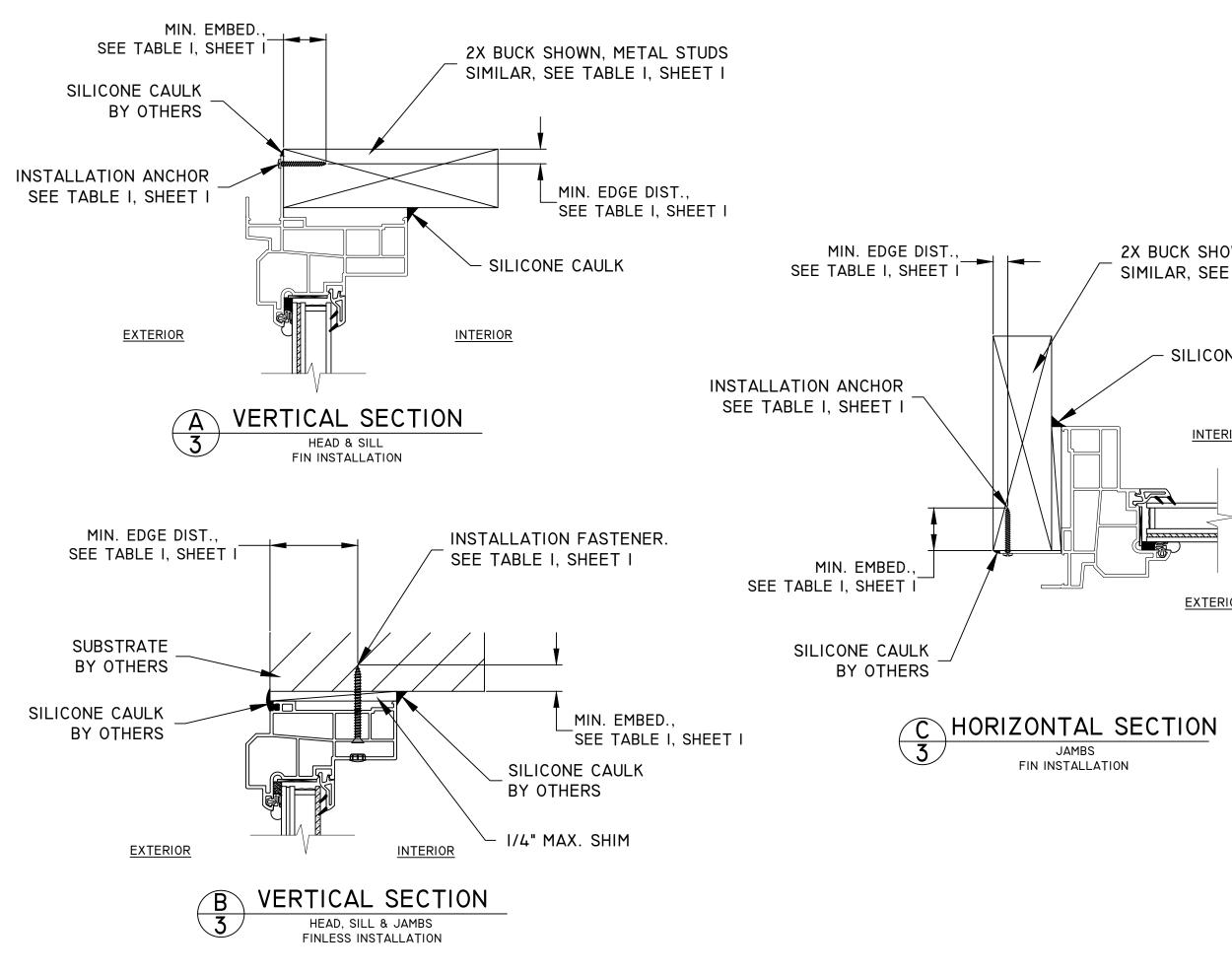
7-20	PIC	<b>CTUF</b>	RE & G	EOME	TRIC	WI	INDO	W	Part of t	SIN the Corners	10 WIND	DWS &	<b>OON</b> DOORS Indes Family
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		DESIG	N PRESSURE	TABLE					TABLES	DATE	09/16/24		
DEL	<u>OVERAI</u> <u>WIDTH</u>	<u>LL SIZE</u>	PERFORMANCE RATING	DESIGN PRESSURE	INSTALLATION METHOD	-	ILE IMPACT RATING		xed w/SafePoint & installation fastener	ВΥ	50 HMJ		
07-20	75"	63"	R-PG40	+40/-40 PSF	NAIL FIN	MI	SSILE C		OINT TON F,			Τ	
07-20	75"	63"	R-PG40	+40/-40 PSF	THROUGH FRAME	WIN	D ZONE 2		SAFEF ALLAT	NC	FBC.		
<u>SECTION</u>		SI	DF CONTENT						07-09/07-10/07-20 FIXED W/SAFEPOINT ES, DESIGN PRESSURE & INSTALLATION	REVISION DESCRIPTION	ED TO CURRENT		
2	NUTES, L		ATION & ANCHOR LA		-				09/07 DESIG	REV	UPDATED		
3		VERTICA	AL & HORIZONTAL SI	ECTIONS							Б		
4			GLAZING DETAILS						<u>TITLE:</u> NC	NO.	A	+	
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OOD	#8 GR	ADE 5 WOOD	) SCREW		1-1/2"		3/8"		111×				*
36 KSI MIN. I.	#10 GR	ADE 5 SELF	-TAPPING/DRILLIN	G SCREW	FULL, PLU THREADS N		3/8"		PRO	Z	582 ★	:01	FER
		FRAME	INSTALLATION						FE		ORIO		
	3/16" 1	TW TAPCON	w/ADVANCED THRE	EADFORM TECHNOLOG	GY I-1/2"		1-1/8"		1	10	NAV	En	11
CMU	3/16" 1	TW TAPCON	w/ADVANCED THRE	EADFORM TECHNOLOG	GY I"		2"						
OOD	3/16" 1	3/16" ITW TAPCON w/ADVANCED THREADFORM TECHNOLOGY					7/8"		LUC	AS A.		RNER,	
OOD	3/16" E	3/16" ELCO ULTRACON OR DEWALT ULTRACON+					1-1/8"			FL PE NER E CONSU	ENĞIN	IEERII	NG &
	3/16" E	LCO ULTRA	CON OR DEWALT UL	TRACON+	1-3/4"		۱"			(COA	# 2	9779	
CMU	3/16" E	LCO ULTRA	CON OR DEWALT UL	TRACON+	- /4"		2-1/2"		TRAIL		DEN,	ΤN	38320
OOD	#10 GR	ADE 5 WOO	D SCREW		1-3/8"		7/8"		FL#:	30	26	016	
36 KSI MIN. I.	#10 GR	ADE 5 SELF	-TAPPING/DRILLIN	G SCREW	FULL, PLU THREADS N		1/2"		DWG		70		
			HAVE MOD. TR WASHER DIAM	USS, PAN OR HE ETER.	X WASHER H	IEAD,			QUEE		05	9/	<b>'</b> +

SHEET:

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	07-10 / 07 SAFEPO							WIND	OW	I	COCH ENNSB PH: 8	RANE ORO, N	AVEN NV 20	NUE 6415
										TABLES	DATE	9/16/24		
				DESIG	N PRESSURE	TABLE					D/	1/60		
	PRODUCT MODEL		OVERAL WIDTH	OVERALL SIZE PERFORMANCE   WIDTH HEIGHT		<u>DESIGN</u> PRESSURE	INSTALLATION METHOD	MISSILE IMPAG	<u>2T</u>	FASTENER	BΥ	LMH		
	07-09   07-10	07-20	75"	63"	R-PG40	+40/-40 PSF	NAIL FIN	MISSILE C						
	07-09   07-10	07-20	75"	63"	R-PG40	+40/-40 PSF	THROUGH FRAME	UGH WIND ZONE 2		SAF	z	FBC.		
										XED W/ & INST	DESCRIPTION	CURRENT		
			Т	ABLE C	F CONTENT	S				-20 FI: SSURE	ESC	CURI		
		SECTION		<u>S</u>	HEET DESCRIPTIO	<u>DN</u>				-10/07-20 F		10		
		1	NOTES, D	ESIGN PRES	SURE & INSTALLATI	ON FASTENER TABLES				Ξz	REVISION	UPDATED		
		2		ELEVA	TION & ANCHOR LA	YOUTS					RE	⊿DJ		
		3		VERTIC	AL & HORIZONTAL SI	ECTIONS				<u>E:</u> 07- NOTES,				
		4			GLAZING DETAILS						NO.	∢		_
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-	<u>SUBSTRATE T</u>	YPE			ANCHOR TY	<u>PE</u>	<u>MIN.</u> EMBEI	D. <u>MIN. ED</u> DISTAN		0				
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	2X MIN. SOUTHERN PINE WO	DOD	#8 GRA	DE 5 WOOD	SCREW		1-1/2"	3/8"		int.	1	CENA		1
	6 GAUGE (0.060"), STEEL 3 DR 1/8" ALUM. 6063-T5 MIN		#10 GR	#10 GRADE 5 SELF-TAPPING/DRILLING SCREW FULL, PLUS 3 3/8"						PR		. 582 ★ 7	01	RA
				FRAME	INSTALLATION		11112/13/0			OF		ATEO		
: c	CONCRETE (2 KSI MIN.)		3/16" 17	W TAPCON	w/ADVANCED THR	EADFORM TECHNOLO	GY I-1/2"	1-1/8"		11	1,10	NAL	E	IIII
	OLLOW OR GROUT-FILLED	СМИ	3/16" 17	W TAPCON	w/ADVANCED THR	EADFORM TECHNOLO	GY I"	2"				///////		
2	2X MIN. SOUTHERN PINE WO	DOD	3/16" 17	W TAPCON	w/ADVANCED THR	EADFORM TECHNOLO	GY I-3/8"	7/8"		LUC	9/ CAS A.	16/20 TUR		, P.E.
2	2X MIN. SOUTHERN PINE WO G=0.55)	DOD	3/16" E	3/16" ELCO ULTRACON or DEWALT ULTRACON+			-3/4"	1-1/8"				ENGIN	EERI	ING &
	CONCRETE (3.05 KSI MIN.)		3/16" E	3/16" ELCO ULTRACON OR DEWALT ULTRACON+				l"			CONSU (COA	# 29	9779	9)
	HOLLOW OR GROUT-FILLED ASTM C-90)	СМИ	3/16" E	LCO ULTRA	CON OR DEWALT UL	TRACON+	- /4"	2-1/2"		TRAIL		IDEN,	ΤN	TRAC 3832 574
2	2X MIN. SOUTHERN PINE WO G=0.55)	DOD	#10 GR	ADE 5 WOO	D SCREW		I-3/8"	7/8"		FL#:				
	6 GAUGE (0.060"), STEEL 3 DR 1/8" ALUM. 6063-T5 MIN		#10 GR	ADE 5 SELF	-TAPPING/DRILLIN	G SCREW	FULL, PLU THREADS	1/2"		DWG		96	10	)
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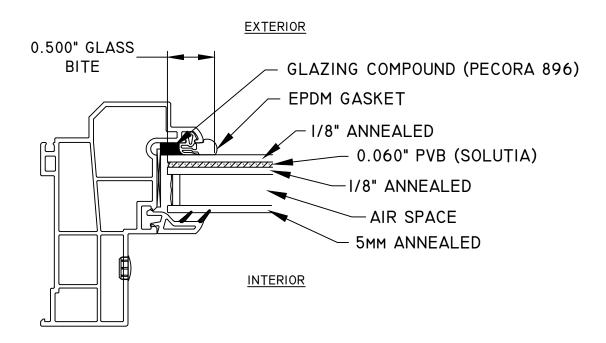
# 2X BUCK SHOWN, METAL STUDS SIMILAR, SEE TABLE I, SHEET I

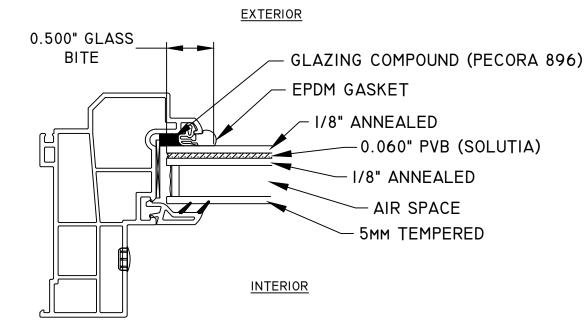
# SILICONE CAULK

### INTERIOR

EXTERIOR

1	VINDOWS & DOORS Part of the Cornerstone Building Brands Family I COCHRANE AVENUE PENNSBORO, WV 26415										
	PH: 800-542-9118										
	DATE	LMH 09/16/24									
S	ВΥ	ΗМЛ									
TITLE: 07-09/07-10/07-20 FIXED W/SAFEPOINT VERTICAL & HORIZONTAL SECTIONS	REVISION DESCRIPTION	UPDATED TO CURRENT FBC.									
TITLE	NO.	A									
DATE: ] 07.23.21	DWN BY:			SCALE:	NTS						
Thin PROFILIT	No. 58201										
9/16/2024 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#:		96	016	5							
DWG	DWG #: IN0594										
SHEE	SHEET: 3 OF 4										





I" INSULATED ANNEALED/ANNEALED IMPACT RESISTANT GLASS GLAZING DETAIL (.060" PVB) FIN AND FINLESS FRAME TYPES I" INSULATED TEMPERED/ANNEALED IMPACT RESISTANT GLASS GLAZING DETAIL (0.060" PVB) FIN AND FINLESS FRAME TYPES

	COCHI ENNSB PH: 80	WINDO tone Build RANE ORO, V	AVEI WV 2	NUE 6415	-					
	DATE	_MH 09/16/24		_						
<u>TITLE:</u> 07-09/07-10/07-20 FIXED W/SAFEPOINT GLAZING DETAILS	REVISION DESCRIPTION BY	UPDATED TO CURRENT FBC. LM								
DATE: TITL <u>E:</u> 07.23.21	DWN BY: NO.	CHK RY		SCALE:	NTS					
"III * PROFESSI	No. 58201									
TUR 2428 TRAIL Pl	9/16/2024 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									
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