

GENERAL NOTES:

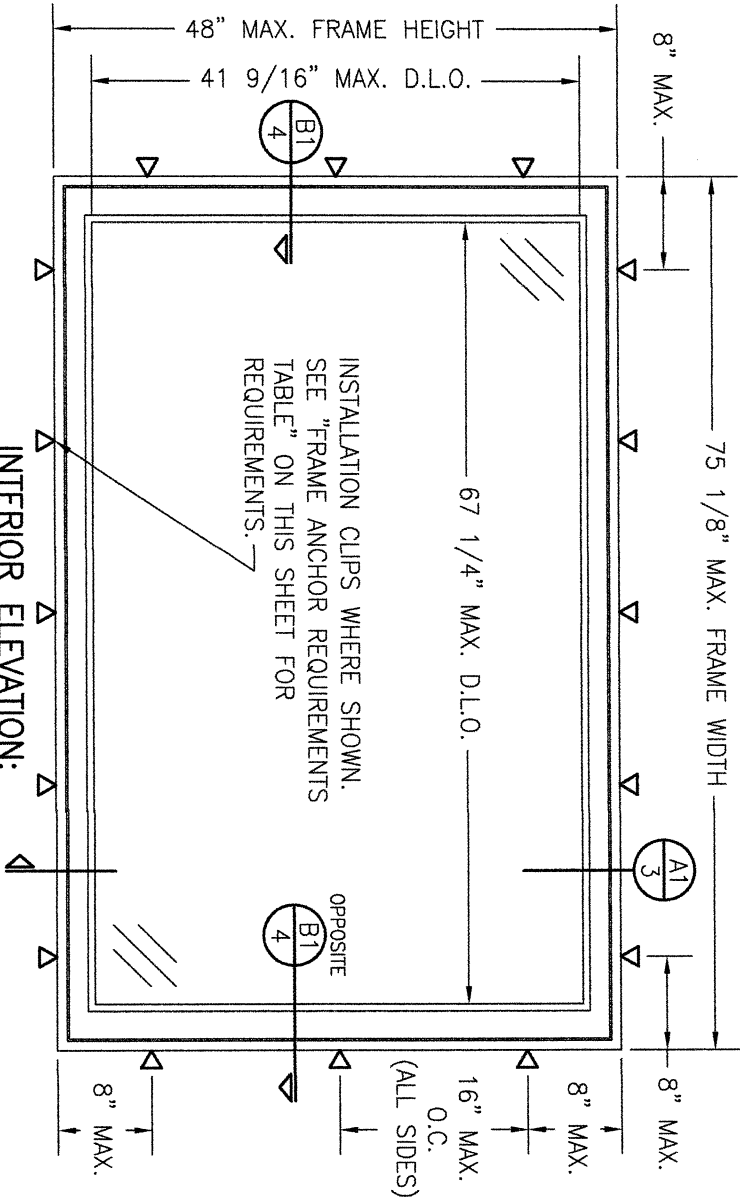
- THIS PRODUCT HAS BEEN TESTED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
- OPENINGS, BLOCKING & BLOCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
- ALL FRAME ANCHORS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
- THIS PRODUCT HAS BEEN TESTED IN ACCORDANCE WITH AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ) & IS LARGE MISSILE IMPACT RATED.
- IMPACT SHUTTERS ARE NOT REQUIRED WITH THIS PRODUCT.
- ALL ANCHORS SECURING PRODUCT FRAMES TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
- DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF Kd = 0.85 MAY BE APPLIED PER THE ASCE-7 STANDARD.
- MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE.
- UNLESS OTHERWISE SPECIFIED HERE-IN, PRODUCT ASSEMBLY AND ALL ASSEMBLY REQUIREMENTS/OPTIONS SHALL BE AS TESTED. ARE THE RESPONSIBILITY OF EACH THE MANUFACTURER AND THEIR APPLICABLE QUALITY ASSURANCE & ARE NOT THE RESPONSIBILITY OF THESE DOCUMENTS NOR THE CERTIFICATION OF THESE DOCUMENTS.
- WATER PROOFING OF THE INSTALLED PRODUCT IS NOT PART OF THIS CERTIFICATION. THAT RESPONSIBILITY SHALL BE THAT OF THE MANUFACTURER &/OR INSTALLER.
- TO THE BEST OF OUR KNOWLEDGE, THE PRODUCT SHOWN HEREIN IS QUALITY ASSURED BY A FLORIDA STATE APPROVED CERTIFICATION/QA ENTITY & SHALL BE LABELED IN ACCORDANCE WITH THE FBC AND THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION SPECIFICATIONS. THESE DRAWINGS SHOW ALL APPLICABLE ELEVATION, COMBINATION, INSTALLATION & COMPARATIVE ANALYSIS CONDITIONS AS DETERMINED THROUGH TESTING & ENGINEERING RATIONAL ANALYSIS. PRODUCT ASSEMBLY SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S QUALITY ASSURANCE SPECIFICATIONS & TESTING REPORTS.
- CERTIFICATION OF THIS PRODUCT SHALL BE CONSIDERED VOID IF IT IS INSTALLED WITHOUT A BUILDING PERMIT FROM THE APPLICABLE LOCAL BUILDING DEPARTMENT OR IF IT IS INSTALLED BY ANYONE OTHER THAN A LICENSED CONTRACTOR EXPERIENCED WITH INSTALLATIONS OF THIS TYPE OF PRODUCT.
- ALL WOOD MEMBERS OF THIS PRODUCT THAT MAY POSSIBLY COME INTO CONTACT WITH MASONRY OR CONCRETE SUBSTRATES, ARE SUBJECT TO MOISTURE &/OR ARE SUBJECT TO THE OUTSIDE ENVIRONMENT SHALL BE OF AN APPROVED DURABLE SPECIES OR BE TREATED IN AN APPROVED METHOD WITH AN APPROVED PRESERVATIVE PER FBC REQUIREMENTS.

EVALUATION OF THIS PRODUCT IS BASED ON APPLICABLE STANDARDS AND/OR INFORMATION & RESULTS FROM APPLICABLE TEST REPORTS. THE FLORIDA BUILDING CODE VERSION CONSIDERED WITH THIS EVALUATION WAS THAT IN FORCE AT THE TIME OF THE EVALUATION. IN THE EVENT OF CODE VERSION CHANGES/UPDATES OR IN THE EVENT THAT NEW OR ADDITIONAL TESTING IS COMPLETED ON THIS PRODUCT, PRIOR TO STATING CODE COMPLIANCE WITH THE STATE, THE MANUFACTURER SHALL CONFIRM WITH THE EVALUATION ENGINEER OF RECORD THAT EVERYTHING SPECIFIED HERE-IN IS CURRENT WITH ALL CURRENT TESTING, CODES AND APPLICABLE STANDARDS.

INSTALLATION NOTE:
WHEN NECESSARY, INSTALLATION METHODS MAY BE MIXED WITH ANY ONE WINDOW SUCH THAT INDIVIDUAL SIDES OF THE WINDOW MAY USE ONE OR THE OTHER ANCHOR METHOD. (EXAMPLE: LEFT SIDE MAY USE THE INSTALLATION CLIP METHOD WHILE THE OTHER SIDES USE THE NAIL FIN METHOD)

FRAME ANCHOR REQUIREMENTS TABLE

OPENING TYPE (SUBSTRATE)	FRAME/CLIP/NAIL FIN TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
INSTALLATION CLIP SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS SCREW	1 3/8"	1/2"
MIN. 18 GA. 33 KSI METAL STUD	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
(2) NAILING FIN FASTENERS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS SCREW	1 3/8"	1/2"
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	1 1 GA. ROOFING NAIL	1 3/4"	1/2"
MIN. 1/8" THK A36 STEEL	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"



INTERIOR ELEVATION:
SINGLE FULL LIGHT WINDOW

SCALE: 3/4" = 1'-0"

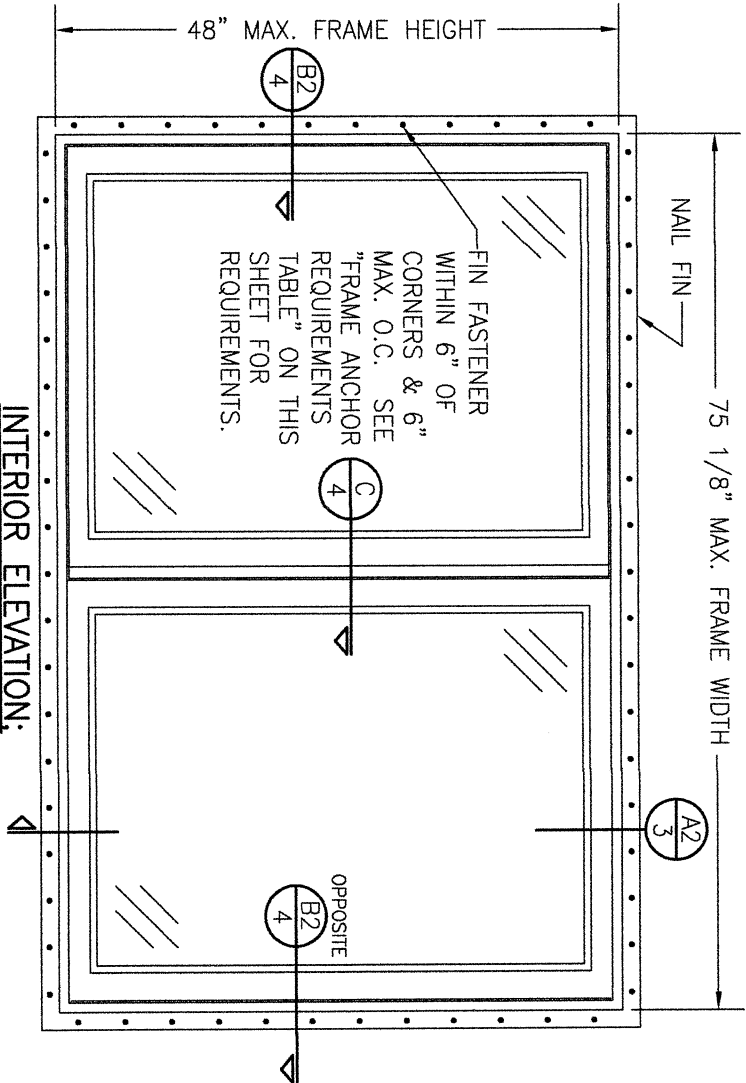
(CLIP MOUNT CONDITION)

(RECTANGULAR WINDOW SHOWN, SHAPED WINDOWS ALSO APPLY. SEE

"APPROVED SHAPES" TABLE ON THIS SHEET)

(NARROW STILES/RAILS ARE SHOWN; WIDER STILES/RAILS ALSO APPLY)

(FULL LIGHT WINDOW SHOWN; DOUBLE SASH WINDOW ALSO APPLIES)



INTERIOR ELEVATION:
DOUBLE SASH WINDOW

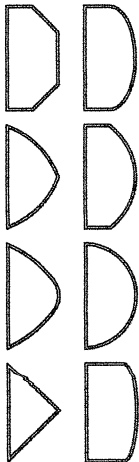
SCALE: 3/4" = 1'-0"

(NAIL FIN MOUNT CONDITION)

(SEE CLIP MOUNT ELEVATION FOR DETAIL NOT SHOWN)

(DOUBLE SASH WINDOW SHOWN, FULL LIGHT WINDOW ALSO APPLIES)

APPROVED SHAPES



NOTES:

- OTHER SHAPES MAY APPLY PROVIDING THEY ARE CONSTRUCTED SIMILAR TO THOSE SHOWN.
- ALL SHAPED UNITS MUST FIT INSCRIBED INTO THE ALLOWABLE RECTANGULAR UNITS & BE GOVERNED BY THE ALLOWABLE PRESSURE OF THE RESPECTIVE RECTANGULAR UNIT.
- SINGLE SHAPED WINDOWS SHOWN, SHAPED WINDOWS MAY ALSO BE MULLED TOGETHER SIDE-BY-SIDE PROVIDING THE MULLION CONDITIONS MEET THOSE SPECIFIED FOR THE RECTANGULAR WINDOWS.

RECTANGULAR WINDOWS ARE SHOWN. ANCHORING OF SHAPED WINDOWS IS THE SAME WITH REQUIRED ANCHOR SPACING ALONG THE FRAME CIRCUMFERENCE BEING THE SAME AS SPECIFIED FOR A STRAIGHT FRAME.

WOOD USED IN THE TESTED WINDOWS WAS DOUGLAS FIR WITH A SPECIFIC GRAVITY OF G = 0.49 AND A MODULUS OF ELASTICITY OF E = 1,600,000 PSI. OTHER WOOD SPECIES APPLICABLE FOR USE WITH THIS PRODUCT ARE THOSE WITH A SPECIFIC GRAVITY OF 0.49 AND MODULUS OF ELASTICITY OF 1,600,000 PSI OR GREATER. ALL WOOD IS MINIMUM GRADE 2 MILLED BY C.P.P. LOEWEN ENTERPRISES TO SELECT.

ALLOWABLE DESIGN PRESSURE
(ALL UNITS)

+/-75 PSF



Digitally signed
by Warren W
Schaefer
Date:
2025.06.19
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THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

DRAWING TITLE	
MODEL 60T CLAD WOOD IMPACT IN-SWING DOOR TRANSOM WINDOWS	
CONSULTANTS	MANUFACTURER
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 25601 AYSEN DRIVE PUNTA GORDA, FL 33983 PHONE: 561-744-3424	C.P. LOEWEN ENTERPRISES 77 HWY 52 WEST STEINBACH, MB, CANADA R5G 1B2 431-305-0888

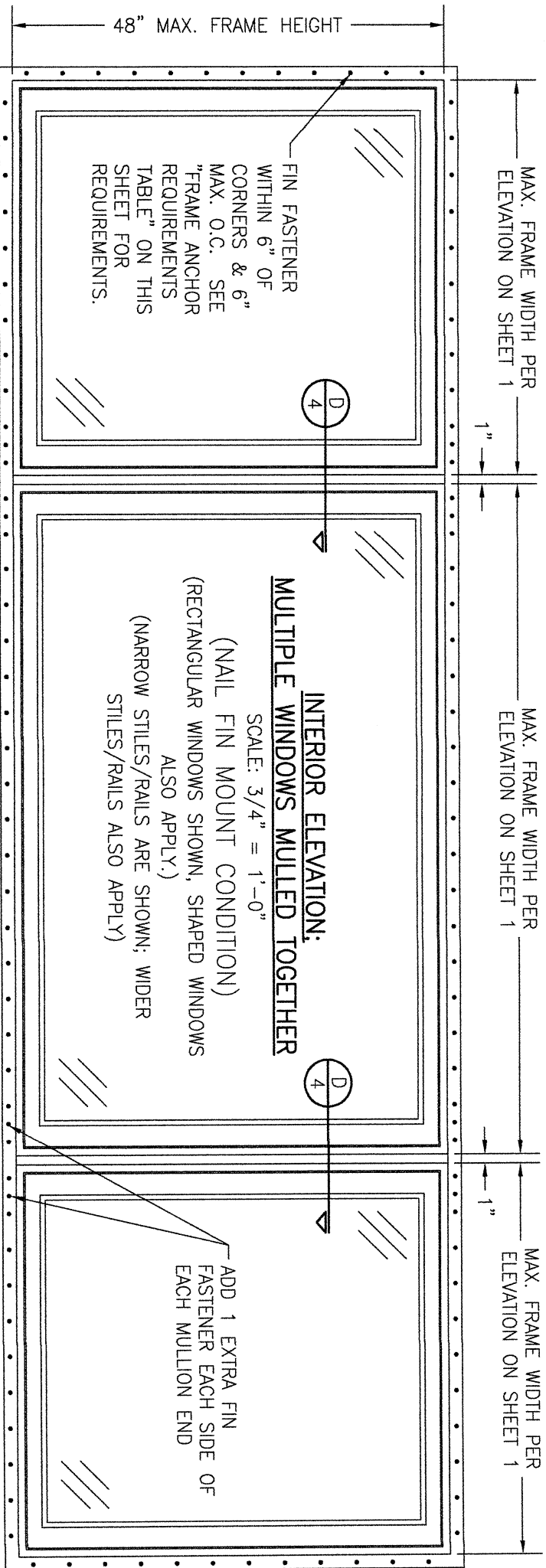
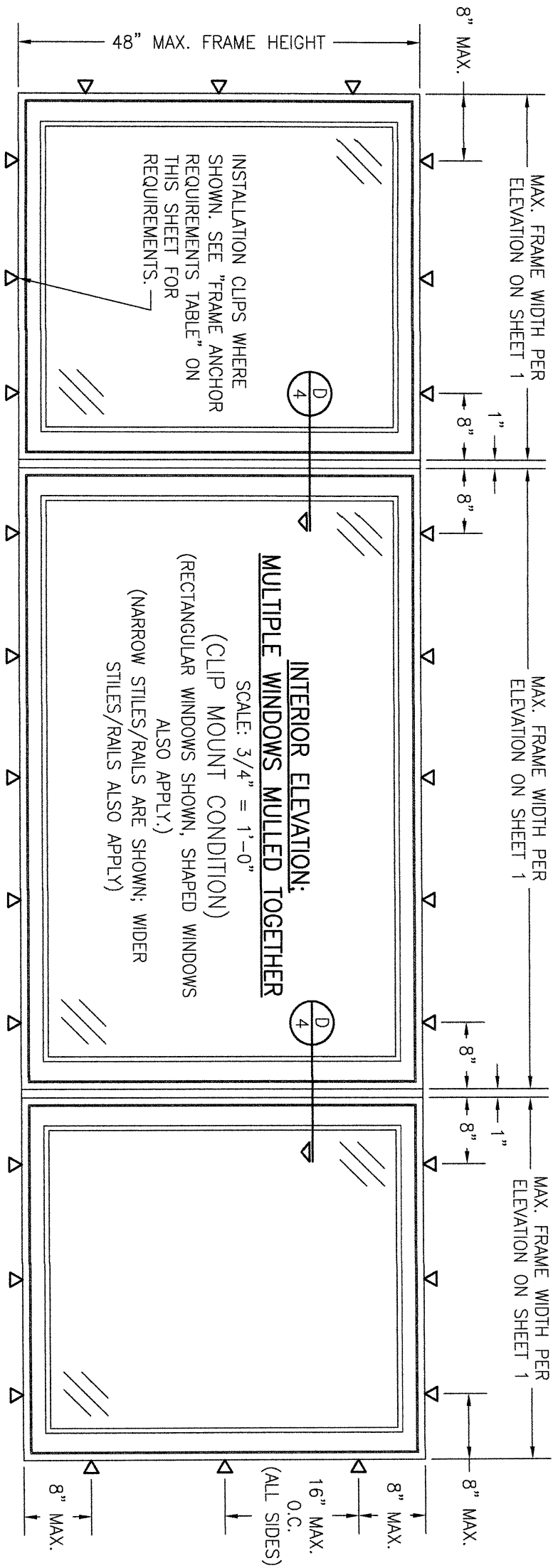
NO.	REVISION	DESCRIPTION	BY	DATE	PLOT: 1=16	DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
A1	UPDATE	GLASS THICKNESS	W.W.S.	05/27/25		DATE: 09/24/23	

CERTIFICATION

WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

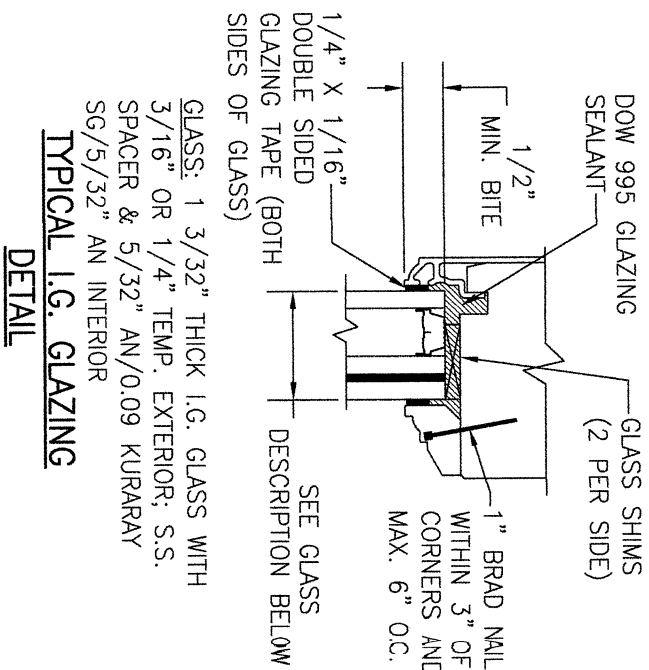
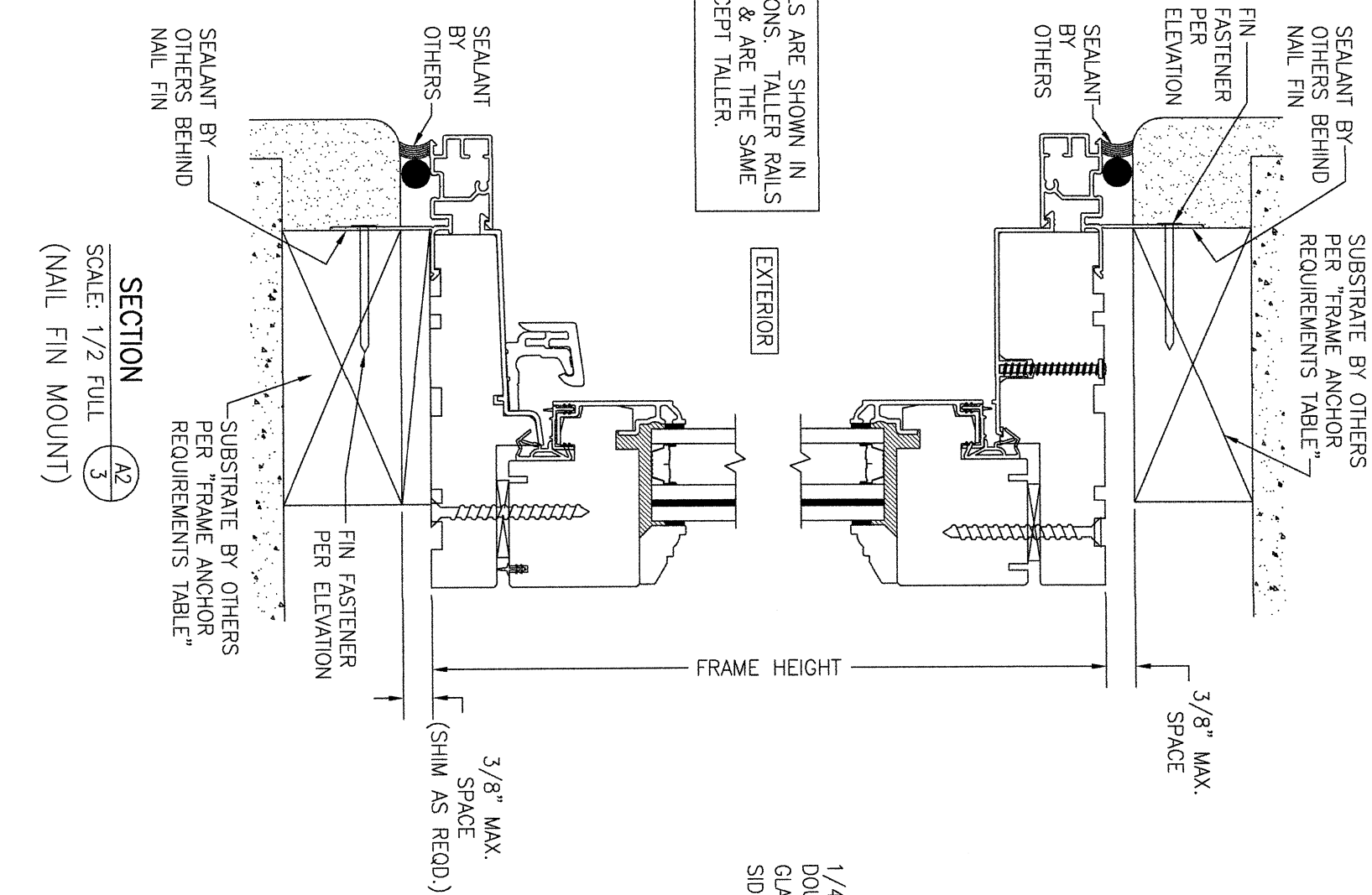
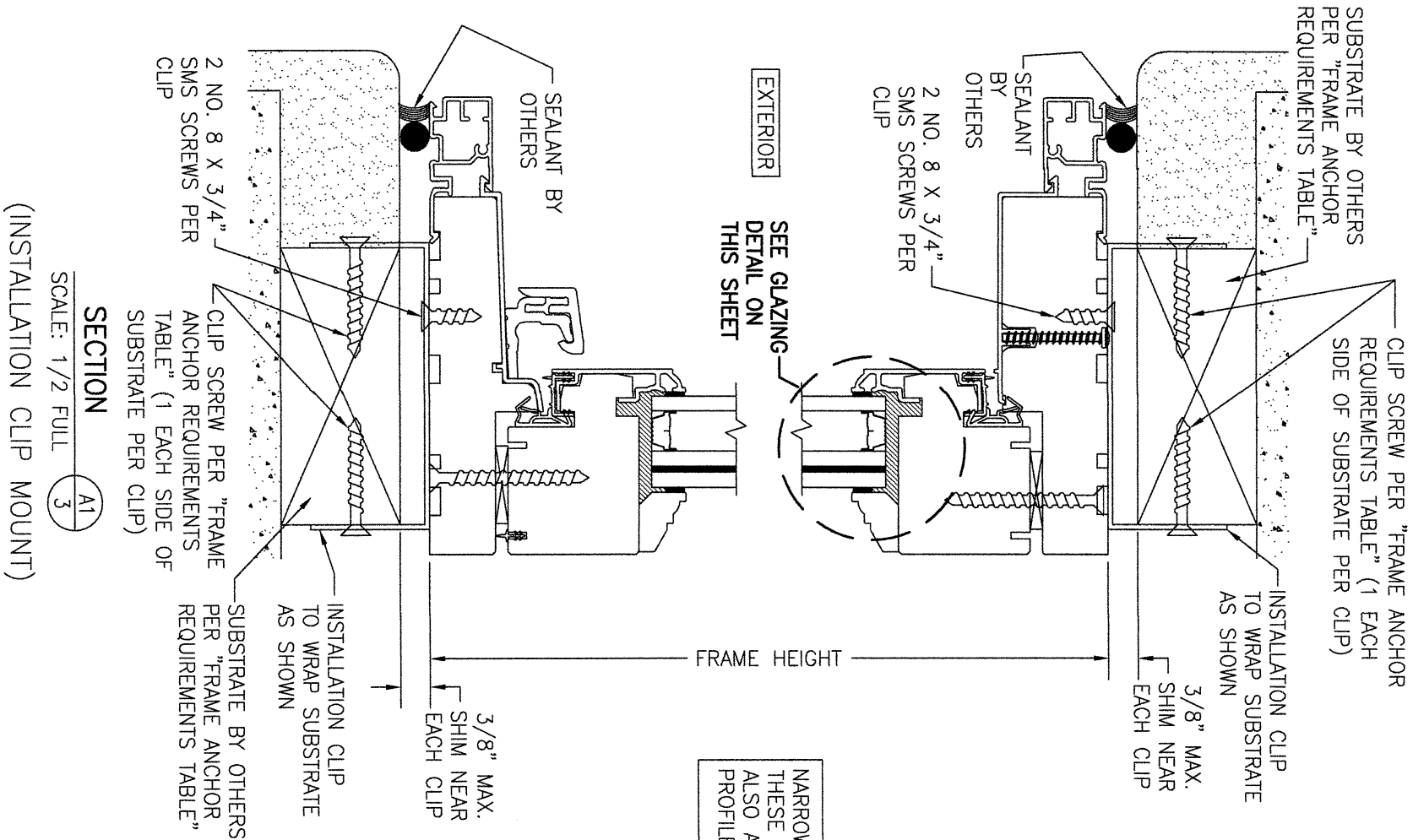
DRAWING NO.	REV.
2026	A

SHEET NO.
1 OF 4



NOTES FOR MULLED UNITS:

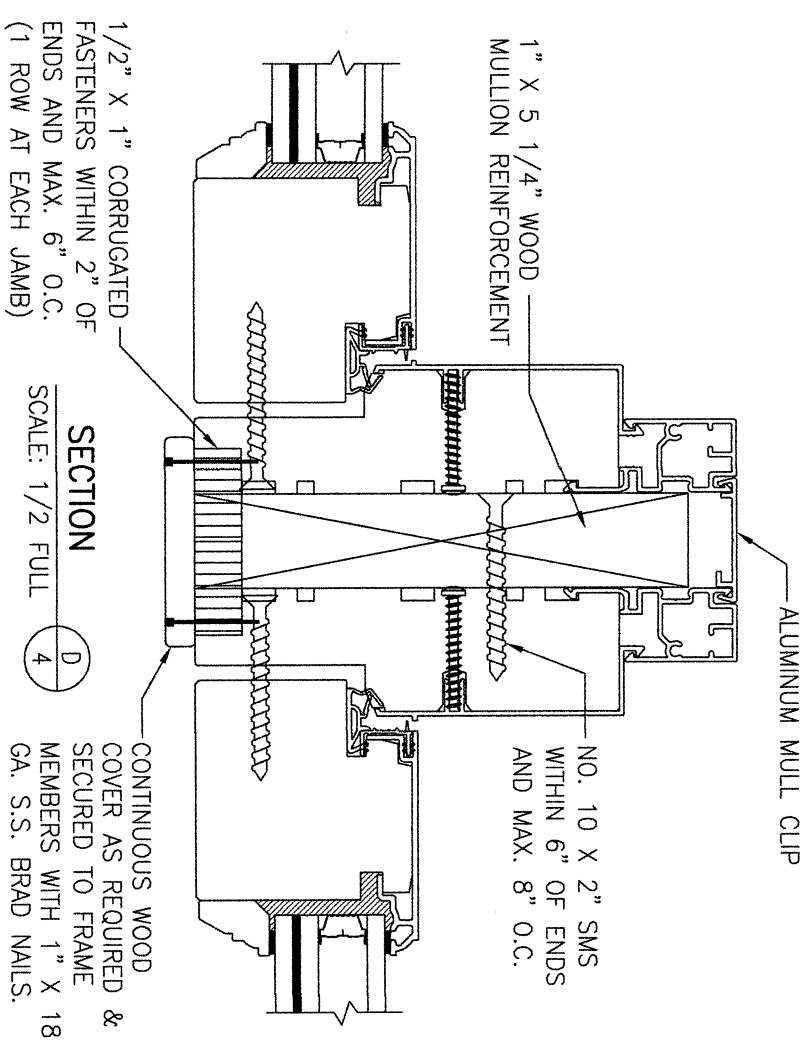
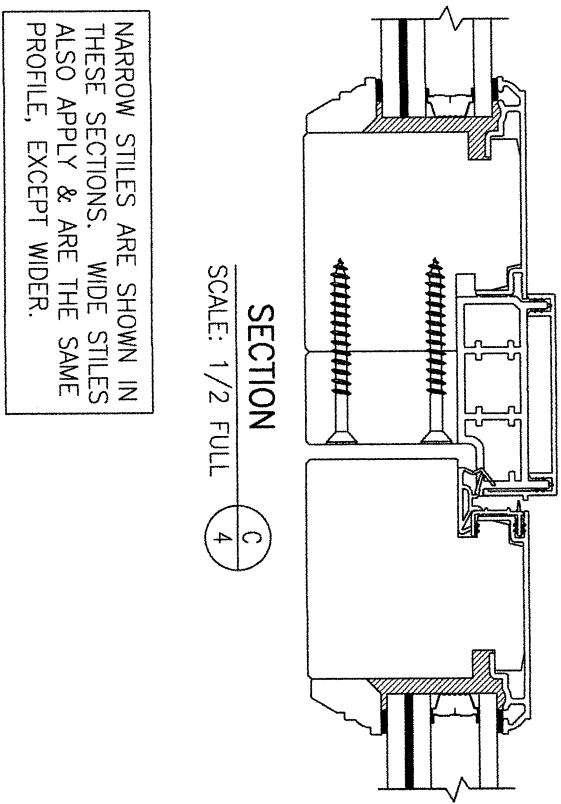
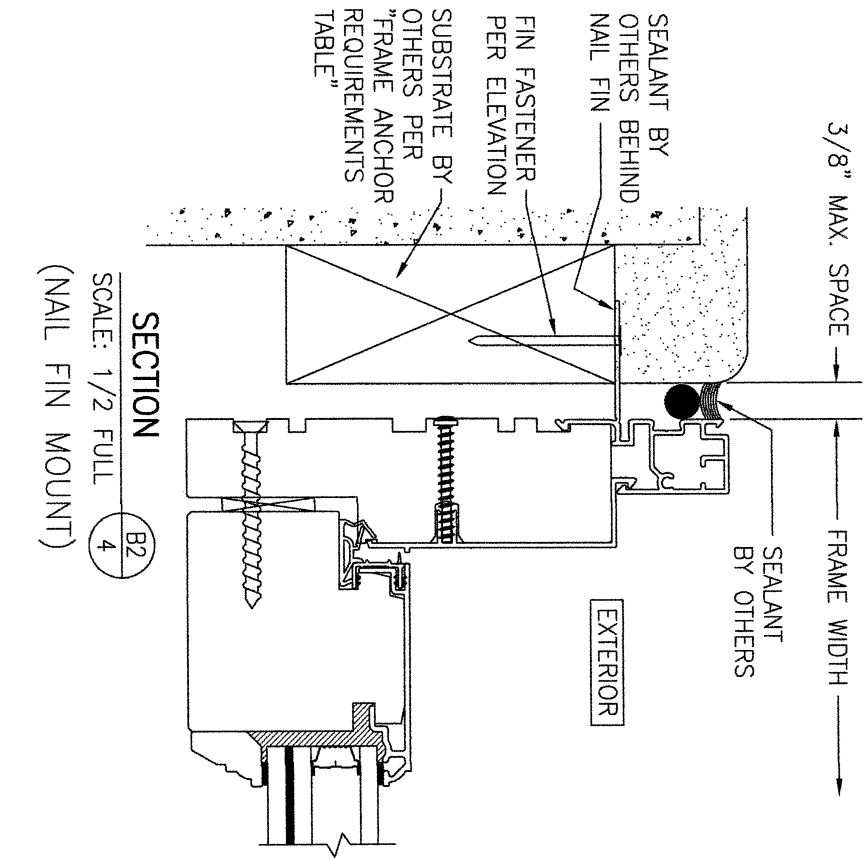
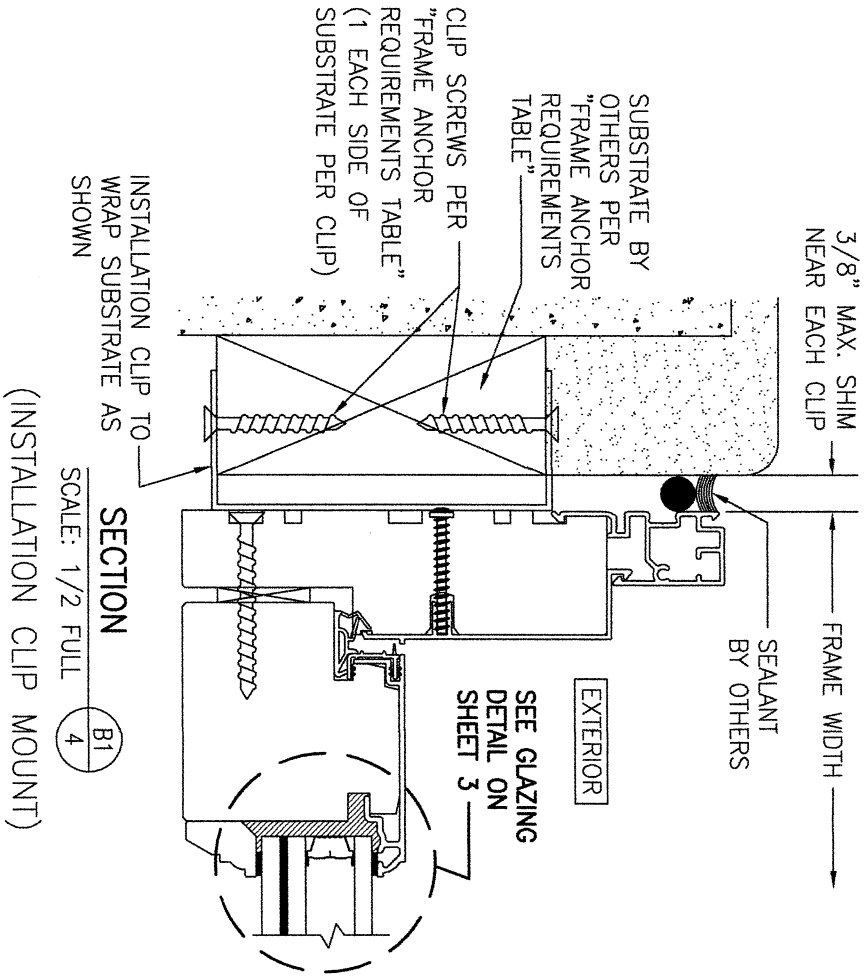
1. THERE IS NO LIMIT TO THE NUMBER OF WINDOWS THAT CAN BE MULLED TOGETHER INTO ONE OPENING PROVIDING THE OPENING IS DESIGNED & CONSTRUCTED TO SUPPORT ALL LOADS TRANSFERRED BY THE WINDOWS.
2. INDIVIDUAL WINDOWS MAY BE FULL LIGHT OR DOUBLE SASH WINDOWS.
3. FOR DETAIL NOT SHOWN, SEE SINGLE WINDOW ELEVATIONS ON SHEET 1.



NO.	REVISION	DESCRIPTION	BY	DATE
1-2				

DRAWING TITLE	CONSULTANTS	MANUFACTURER
MODEL 60T CLAD WOOD IMPACT IN-SWING DOOR TRANSOM WINDOWS	W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.	C.P. LOEWEN ENTERPRISES
	25601 AYSEN DRIVE PUNTA GORDA, FL 33983 PHONE: 561-744-3424	77 HWY 52 WEST STEINBACH, MB, CANADA R5G 1B2 431-305-0888

CERTIFICATION	DRAWING NO.	SHEET NO.
WARREN W. SCHAEFER, P.E. P.E. NO. 44135	2026 A	3 OF 4



4 OF 4 SHEET NO.	DRAWING NO. 2026 REV. A	CERTIFICATION WARREN W. SCHAEFER, P.E. P.E. NO. 44135	DRAWING TITLE MODEL 60T CLAD WOOD IMPACT IN-SWING DOOR TRANSOM WINDOWS		NO.	REVISION	DESCRIPTION	BY	DATE	DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
			CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 25601 AYSEN DRIVE PUNTA GORDA, FL 33983 PHONE: 561-744-3424	MANUFACTURER C.P. LOEWEN ENTERPRISES 77 HWY 52 WEST STEINBACH, MB, CANADA R5G 1B2 431-305-0888							