

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN TESTED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL FRAME ANCHORS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
4. 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.
5. IMPACT SHUTTERS ARE NOT REQUIRED WITH THIS PRODUCT.
6. 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.
7. 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.
8. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE.
9. 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.
10. WATER PROOFING OF THE INSTALLED PRODUCT IS NOT PART OF THIS CERTIFICATION. THAT RESPONSIBILITY SHALL BE THAT OF THE MANUFACTURER &/OR INSTALLER.
11. 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.
12. 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.
13. 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: SILL MAY USE FRAME SCREWS METHOD WHILE OTHER SIDES USE FIN)

FRAME ANCHOR REQUIREMENTS TABLE

OPENING TYPE (SUBSTRATE)	FRAME/CLIP/NAIL FIN TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
FRAME SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 18 GA. 33 KSI METAL STUD	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. C-90 CMU OR 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/4"	2"
INSTALLATION CLIP SCREWS			
MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS SCREW	1 1/8"	3/4"
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 1/8"	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"

- (1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS (C.S.), ELCO CRETE-FLEX (S.S.), ITW RAMSET/RED HEAD TAPCONS (C.S. OR S.S.) OR HILTI KWIK-CON II (C.S OR S.S.).
- (2) SCREWS USED WITH THE NAIL FIN MUST BE PAN OR WAFFLE HEAD SCREW OR HAVE A FLAT WASHER AT THE SCREW HEAD.

ANCHOR/SUBSTRATE EVALUATION NOTE:

ALL ANCHORS IN THEIR SPECIFIED SUBSTRATES HAVE BEEN ANALYZED IN ACCORDANCE WITH THEIR APPLICABLE STANDARD(S) AND ARE FOUND TO BE CAPABLE OF SUPPORTING ALL LOADS IMPOSED ON THEM UNDER THE GUIDELINES OF THIS DOCUMENT. ANY SUBSTRATES OR CONDITIONS OUTSIDE OF WHAT IS SHOWN HERE-IN SHALL BE SUBJECT TO JOB SPECIFIC ENGINEER'S REVIEW & CERTIFICATION.

LOCK TABLE 1	
LOCK REQUIREMENTS (SINGLE CRANK-OUT WINDOW)	
MAX. FRAME HEIGHT	NO. OF LOCK STRIKES
84 3/16"	5
60 3/16"	4
48 3/16"	3
32 3/16" & LESS	2

LOCK TABLE 2	
LOCK REQUIREMENTS (PUSH-OUT WINDOW ACTIVE PANEL)	
MAX. FRAME HEIGHT	NO. OF SIDE LOCK STRIKES
72 3/16"	4
52 3/16"	2

SNUBBER TABLE 1	
SNUBBER REQUIREMENTS (ALL WINDOWS)	
MAX. FRAME HEIGHT	NO. OF SNUBBERS REQUIRED
84 3/16"	5
72 3/16"	4
52 3/16"	3
36 3/16" & LESS	2

LOCK & SNUBBER HARDWARE NOTES:

1. CRANK-OUT WINDOWS UTILIZE A TRUTH MULTI-POINT SIDE ONLY LOCK SYSTEM. SEE LOCK TABLE 1 ABOVE FOR LOCK QUANTITY REQUIREMENTS.
2. PUSH-OUT FRENCH WINDOW ACTIVE PANELS AND PUSH-OUT SINGLE WINDOWS UTILIZE A TRUTH MULTI-POINT LOCK SYSTEM THAT HAS A HEAD & SILL SHOOT BOLT AND MULTIPLE SIDE LOCK STRIKES. SEE LOCK TABLE 2 ABOVE FOR SIDE LOCK QUANTITY REQUIREMENTS.
3. PUSH-OUT FRENCH WINDOWS INACTIVE PANELS UTILIZE A TRUTH 2-POINT LOCK SYSTEM WITH EACH A HEAD & SILL SHOOT BOLT.
4. ALL WINDOW PANELS HAVE SNUBBERS AT THE HINGE SIDE. SEE SNUBBER TABLE 1 ABOVE FOR SNUBBER QUANTITY REQUIREMENTS.

ALLOWABLE WINDOW SIZE VS. GLASS OPTION		
GLASS OPTION	ALLOWABLE MAXIMUM WINDOW SIZE	
	FRAME WIDTH (IN.)	FRAME HEIGHT (IN.)
1A	36 3/16	48 3/16
	33 3/16	52 1/2
	30 3/16	57 3/4
	27 3/16	64 1/8
	24 3/16	72 3/16
2A	36 3/16	72 3/16
	33 3/16	78 3/16
	31 3/16	84 3/16
1B, 1C, 1D, 2B, 2C, 2D & 2E	36 3/16	84 3/16
SEE GLASS OPTIONS ON SHEET 10.		

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PLOT: 1=16		DATE: 10/28/20	
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BY			
REVISION DESCRIPTION			
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DRAWING TITLE

FEEL SAFE ALUMINUM CLAD WOOD IMPACT VENT CASEMENT WINDOW

MANUFACTURER

SIERRA PACIFIC WINDOWS

575 S. WHELEN AVE.

MEDFORD, WI 54451

800-433-4873

CONSULTANTS

W. W. SCHAEFER ENGINEERING

& CONSULTING, P.A. (CA 6809)

7480 150TH COURT NORTH

PALM BEACH GARDENS, FL 33418

PHONE: 561-744-3424

CERTIFICATION

NOV 03 2020

WARREN W. SCHAEFER, P.E.

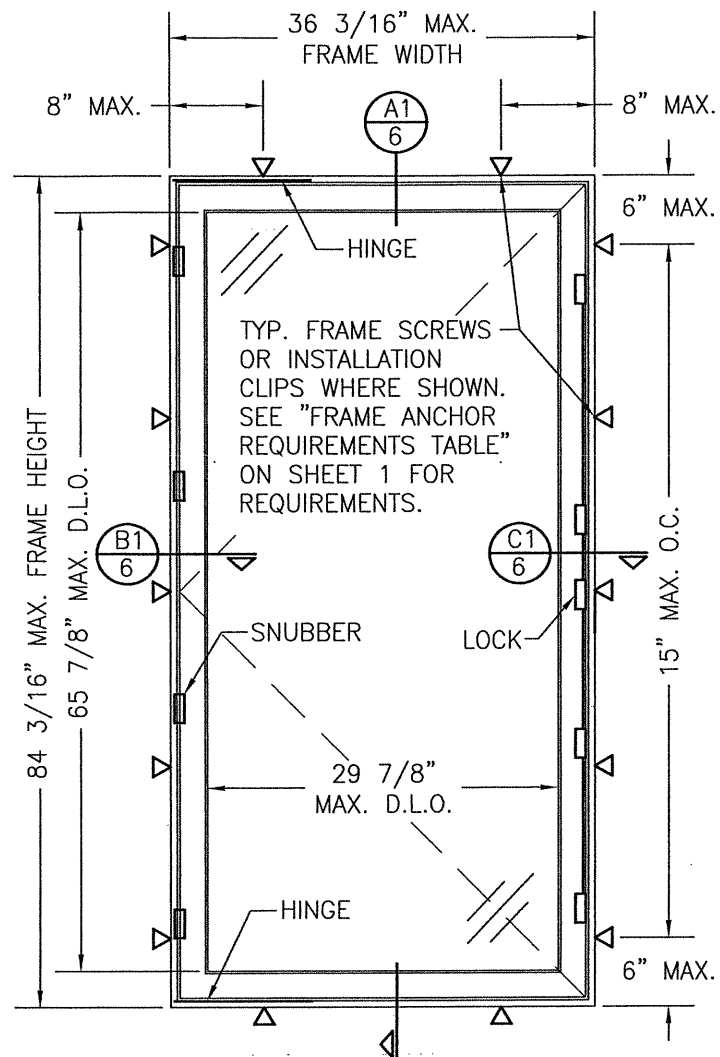
P.E. NO. 44135

DRAWING NO.
1984

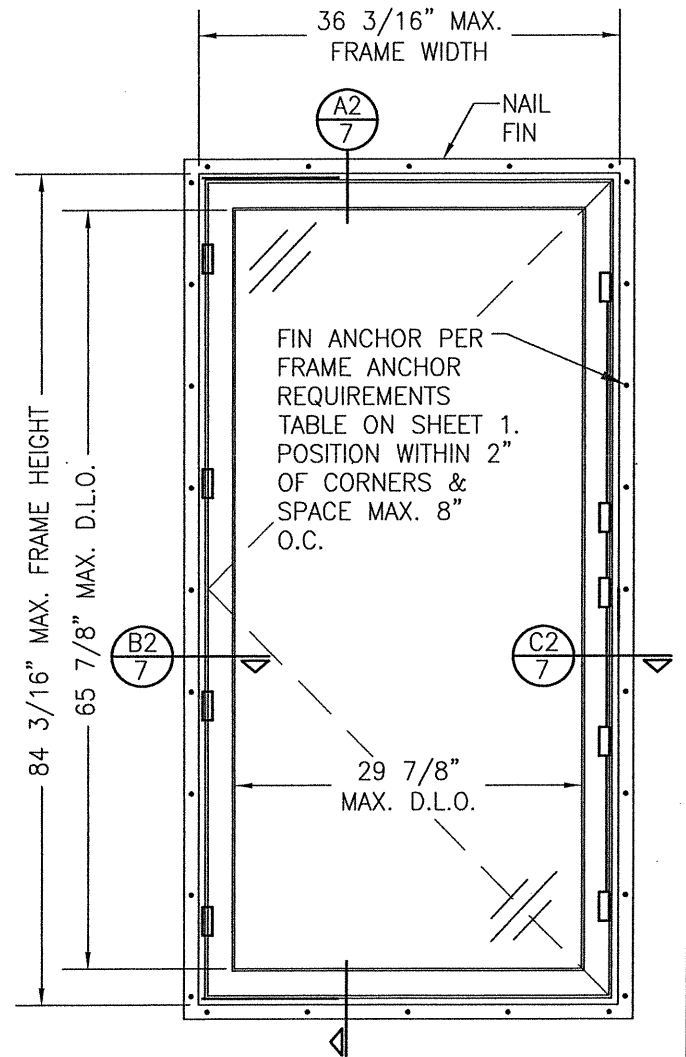
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SHEET NO.
1 OF 10

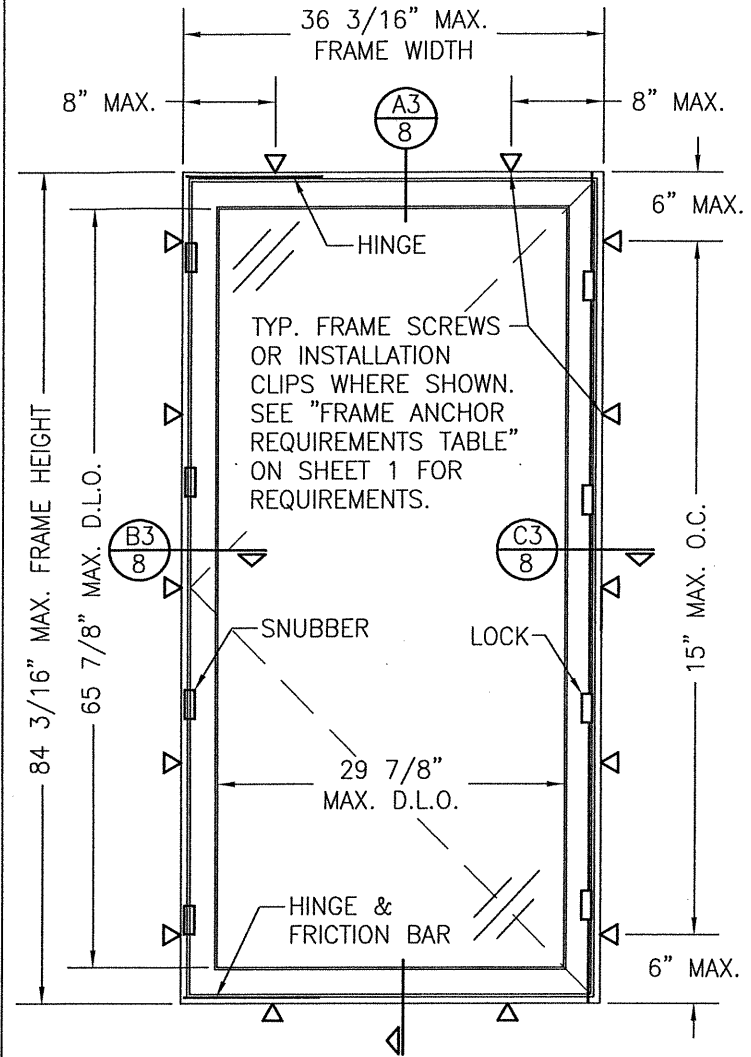
THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.



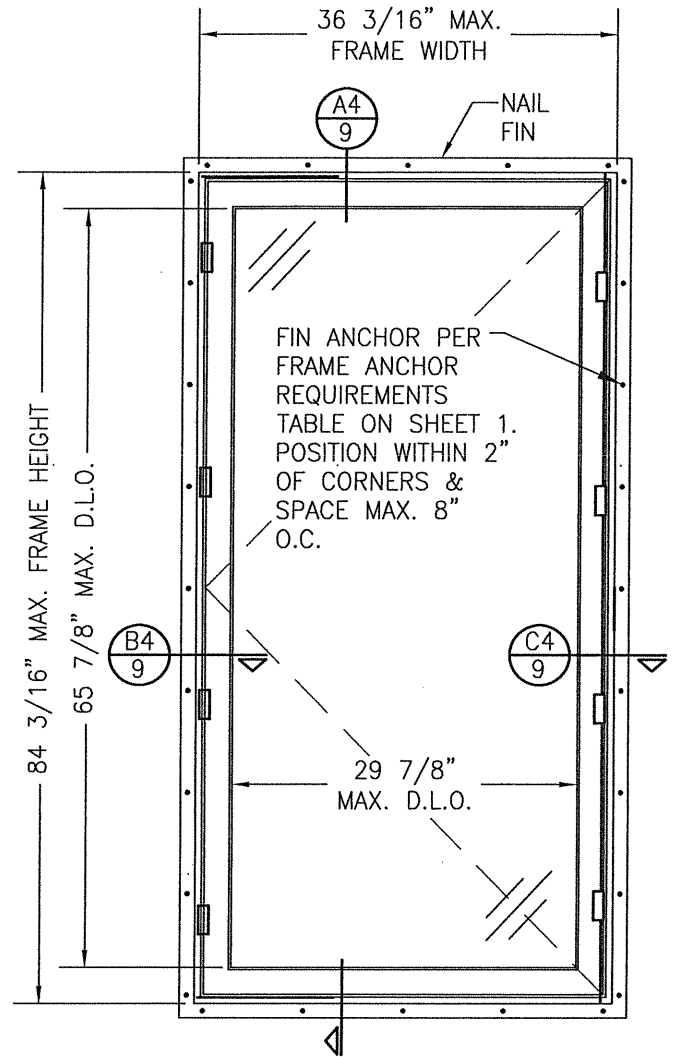
**EXTERIOR ELEVATION:
SINGLE CRANK-OUT WINDOW**
SCALE: 3/4" = 1'-0"
(FRAME SCREW OR CLIP MOUNT CONDITION)



**EXTERIOR ELEVATION:
SINGLE CRANK-OUT WINDOW**
SCALE: 3/4" = 1'-0"
(NAIL FIN MOUNT CONDITION)
FOR INFORMATION NOT SHOWN, SEE FRAME
SCREW MOUNTED SINGLE WINDOW ELEVATION



**EXTERIOR ELEVATION:
SINGLE PUSH-OUT WINDOW**
SCALE: 3/4" = 1'-0"
(FRAME SCREW OR CLIP MOUNT CONDITION)



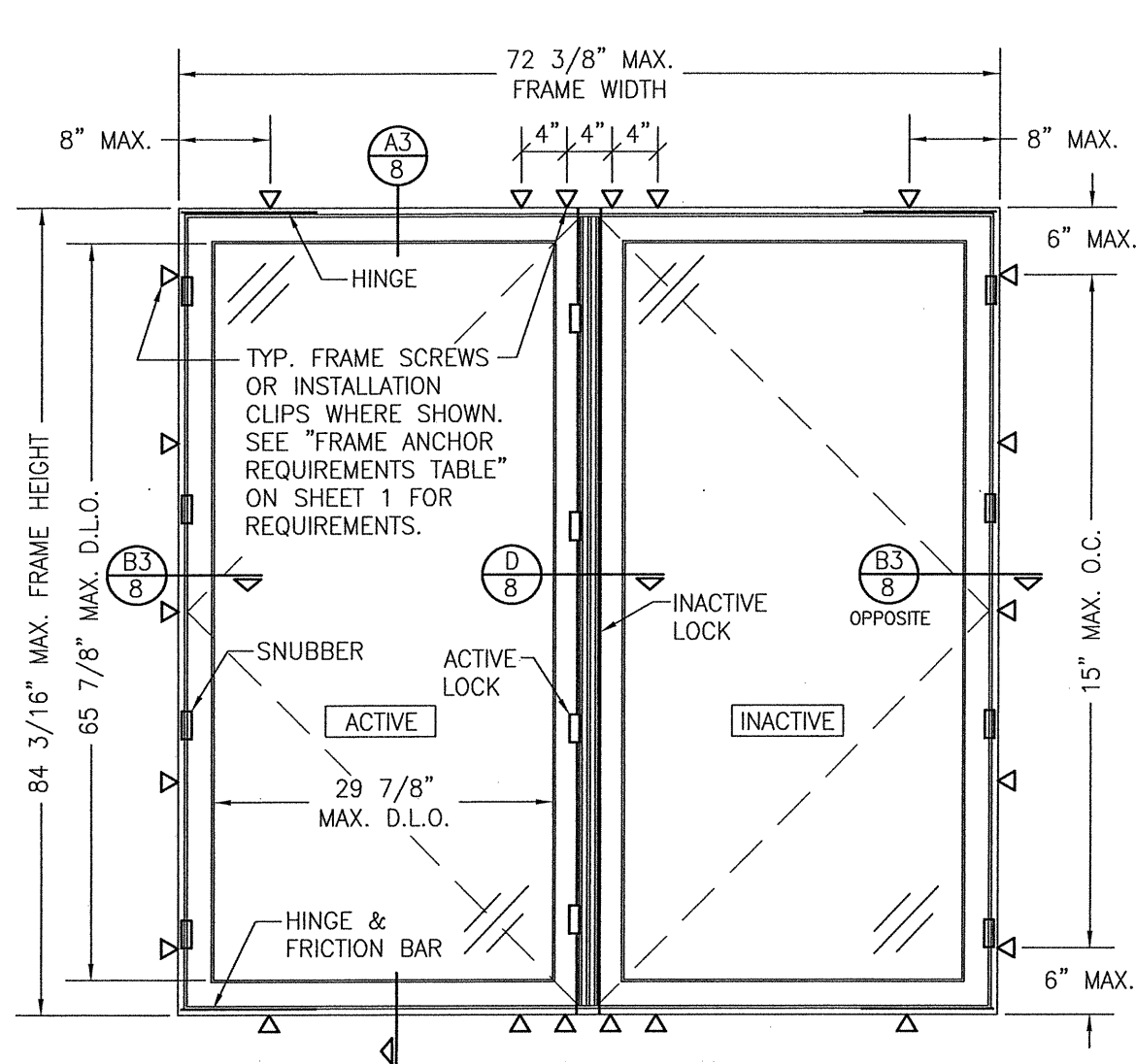
**EXTERIOR ELEVATION:
SINGLE PUSH-OUT WINDOW**
SCALE: 3/4" = 1'-0"
(NAIL FIN MOUNT CONDITION)
FOR INFORMATION NOT SHOWN, SEE FRAME
SCREW MOUNTED SINGLE WINDOW ELEVATION

ALLOWABLE DESIGN PRESSURE (SINGLE CRANK-OUT WINDOWS)		
MAX. FRAME WIDTH (IN.)	ALLOWABLE PRESSURE	
	POSITIVE (PSF)	NEGATIVE (1) (PSF)
36 3/16	65.0	70.0
35 3/16	65.0	72.0
34 3/16	65.0	74.1
33 3/16	65.0	76.3
32 3/16	65.0	78.7
31 3/16	65.0	81.2
30 3/16	65.0	83.9
29 3/16	65.0	85.0
(1) PRESSURE HIGHER THAN -70 PSF IS NOT APPLICABLE WHEN GLASS OPTION 1A OR 2A IS USED.		

NOTE: DUE TO LOCK & SNUBBER
QUANTITY VARIATIONS WITH WINDOW
HEIGHTS, ONLY PRESSURE VARIATIONS
WITH RESPECT TO WINDOW WIDTH ARE
CONSIDERED. PRESSURE VARIATIONS
WITH RESPECT TO DECREASED WINDOW
HEIGHTS ARE SUBJECT TO JOB
SPECIFIC REVIEW AND CERTIFICATION
AND SHALL TAKE INTO ACCOUNT THE
SNUBBER AND LOCK QUANTITIES IN
THE APPLICABLE WINDOW.

ALLOWABLE DESIGN PRESSURE (SINGLE PUSH-OUT WINDOWS)
+65/-70 PSF

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PLOT: 1=16		DATE: 10/28/20	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE FEEL SAFE ALUMINUM CLAD WOOD IMPACT VENT CASEMENT WINDOW MANUFACTURER SIERRA PACIFIC WINDOWS 575 S. WHELEN AVE. MEDFORD, WI 54451 800-433-4873			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
CERTIFICATION NOV 03 2020 WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1984		REV.	
SHEET NO. 2		OF 10	

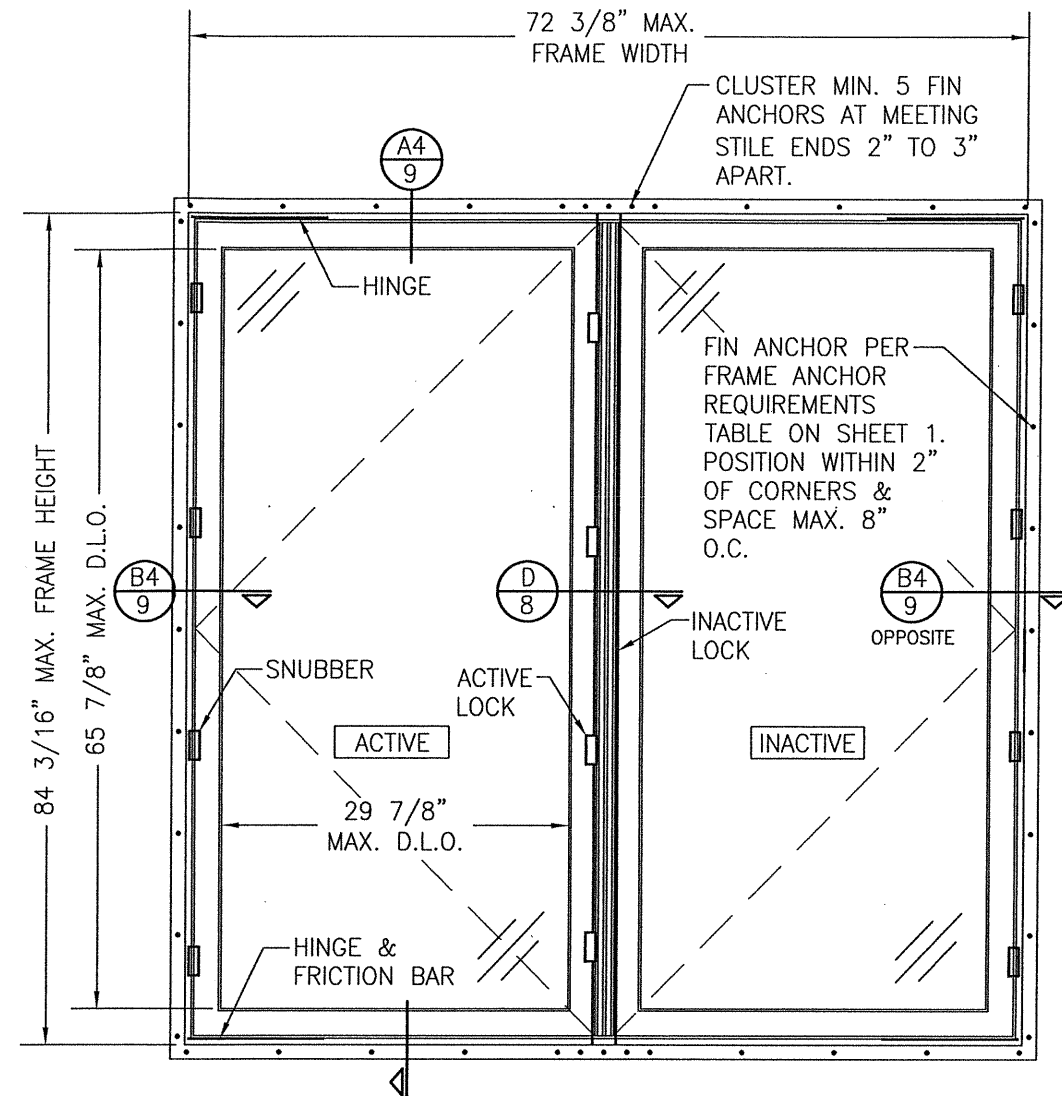


EXTERIOR ELEVATION:
FRENCH PUSH-OUT WINDOW

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

(FRAME SCREW OR CLIP MOUNT CONDITION)

NOTE: FRENCH WINDOWS APPLY ONLY TO PUSH-OUT CONDITION
(NOT APPLICABLE TO CRANK-OUT)



EXTERIOR ELEVATION:
FRENCH PUSH-OUT WINDOW

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

(NAIL FIN MOUNT CONDITION)

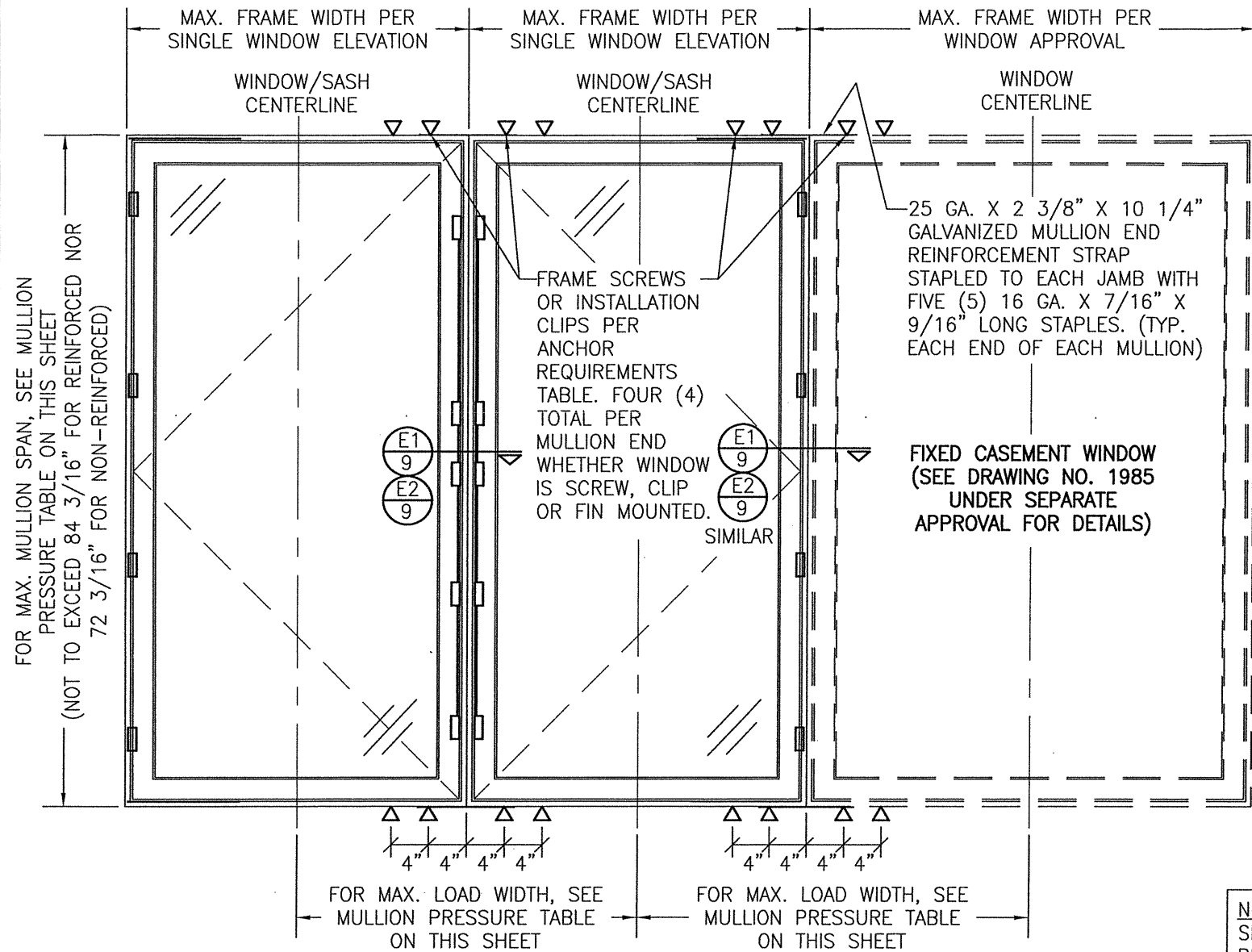
FOR INFORMATION NOT SHOWN, SEE FRAME
SCREW MOUNTED FRENCH WINDOW ELEVATION

NOTE: FRENCH WINDOWS APPLY ONLY TO PUSH-OUT CONDITION
(NOT APPLICABLE TO CRANK-OUT)

ALLOWABLE DESIGN PRESSURE
(FRENCH PUSH-OUT WINDOWS)

+55/-55 PSF

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7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
CERTIFICATION NOV 03 2020		DRAWING NO. 1984	
SHEET NO. 3		REV. 10	



EXTERIOR ELEVATION
MULTIPLE SIDE-BY-SIDE VENT/FIXED WINDOWS
SCALE: 3/4"=1'-0"

ELEVATION NOTES:

1. FOR INDIVIDUAL WINDOW INSTALLATION & DETAILS, SEE INDIVIDUAL WINDOW ELEVATIONS.
2. TRIPLE WINDOW UNIT SHOWN. MORE THAN 3 WINDOWS MAY BE COMBINED HORIZONTALLY IN ONE OPENING IN ANY COMBINATION OF FIXED & OPERABLE PROVIDING THE OPENING IS DESIGNED TO SUPPORT ALL LOADS TRANSFERRED FROM THE WINDOWS AND THEIR MULLIONS.
3. MULLED SINGLE CASEMENTS ARE SHOWN. FRENCH (2-PANEL) CASEMENTS ALSO APPLY WITH THE LOAD WIDTH BEING THE DISTANCE BETWEEN SASH CENTERLINES AND NOT WINDOW UNIT CENTERLINES.
4. FOR FIXED TO FIXED, SEE DRAWING 1985 UNDER SEPARATE APPROVAL.

MULLION ALLOWABLE DESIGN PRESSURE (NON-REINFORCED MULLION)					
MAXIMUM MULLION SPAN (IN.)	MAXIMUM LOAD WIDTH (IN.)	ALLOWABLE PRESSURE (PSF)			
		VENT/VENT		VENT/FIXED	
		(+)	(-)	(+)	(-)
72 3/16	54 3/16	N/A	N/A	65	70
	36 3/16	65	70	65	70
60 3/16	54 3/16	N/A	N/A	65	85
	36 3/16	65	85	65	85

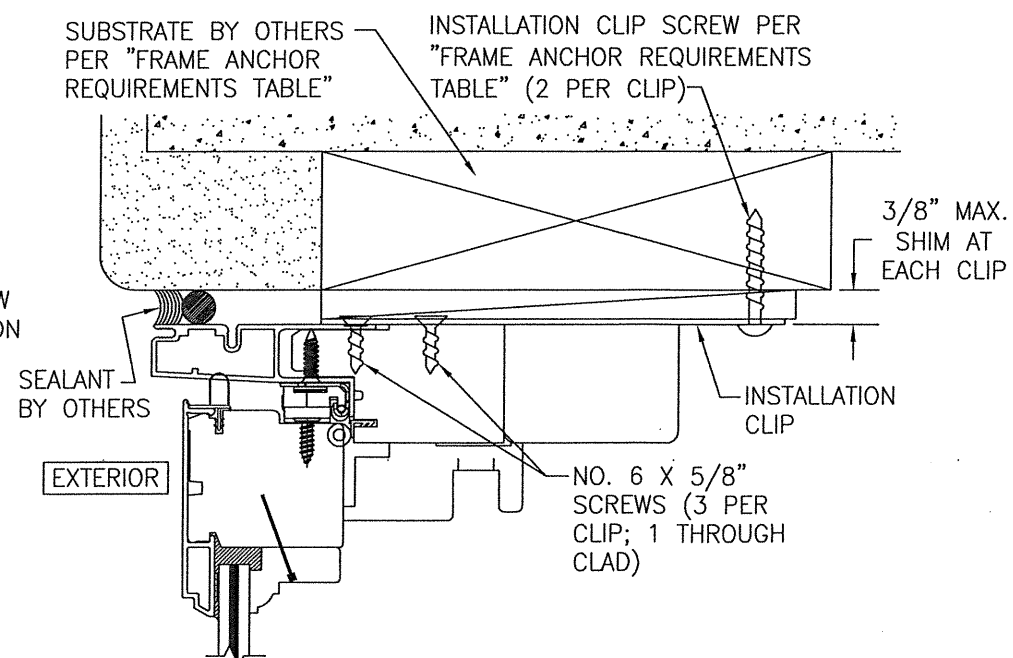
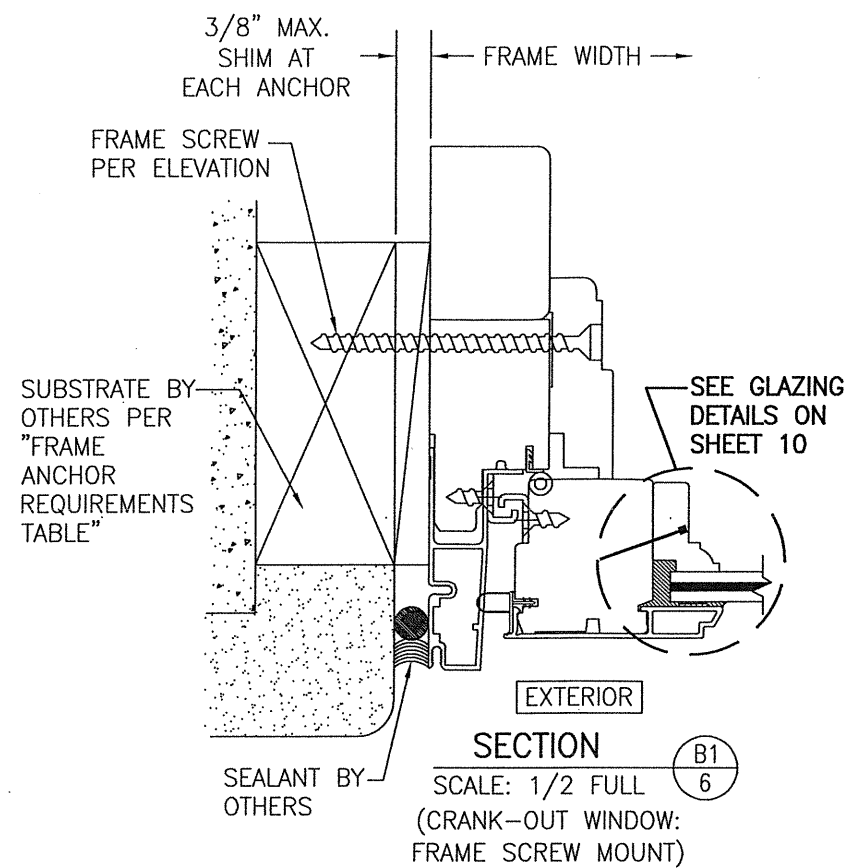
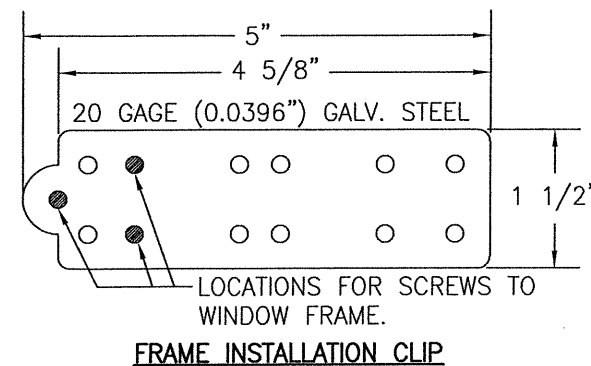
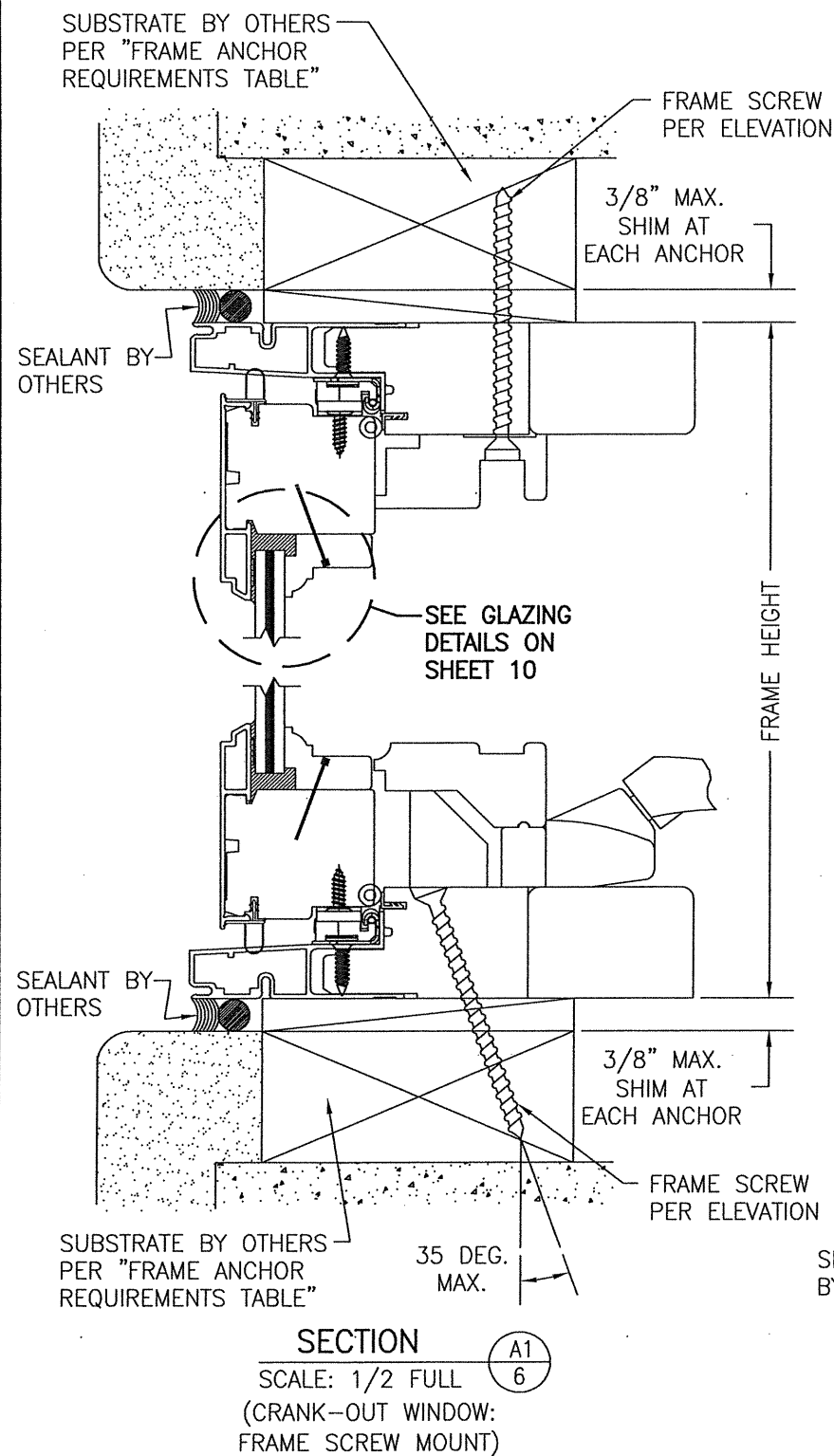
NOTES:
1. SEE ELEVATION FOR DIMENSIONING OF LOAD WIDTH.
2. ALLOWABLE UNIT PRESSURE SHALL BE THE LESSER OF THE PRESSURE SHOWN IN THIS TABLE & THAT SPECIFIED FOR THE INDIVIDUAL WINDOWS.
3. "N/A" DESIGNATES A SIZE NOT APPLICABLE TO THAT CONDITION.

NOTE: MULLION CONDITIONS OUTSIDE OF THAT SPECIFIED HERE-IN SHALL BE JOB SPECIFIC REVIEWED AND CERTIFIED BY A FLORIDA P.E.

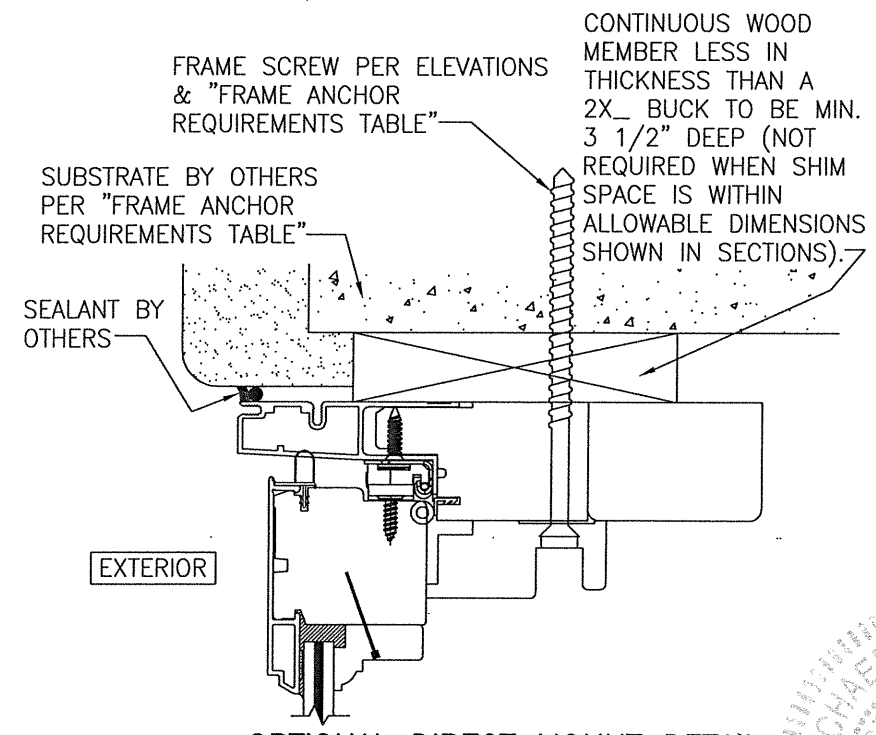
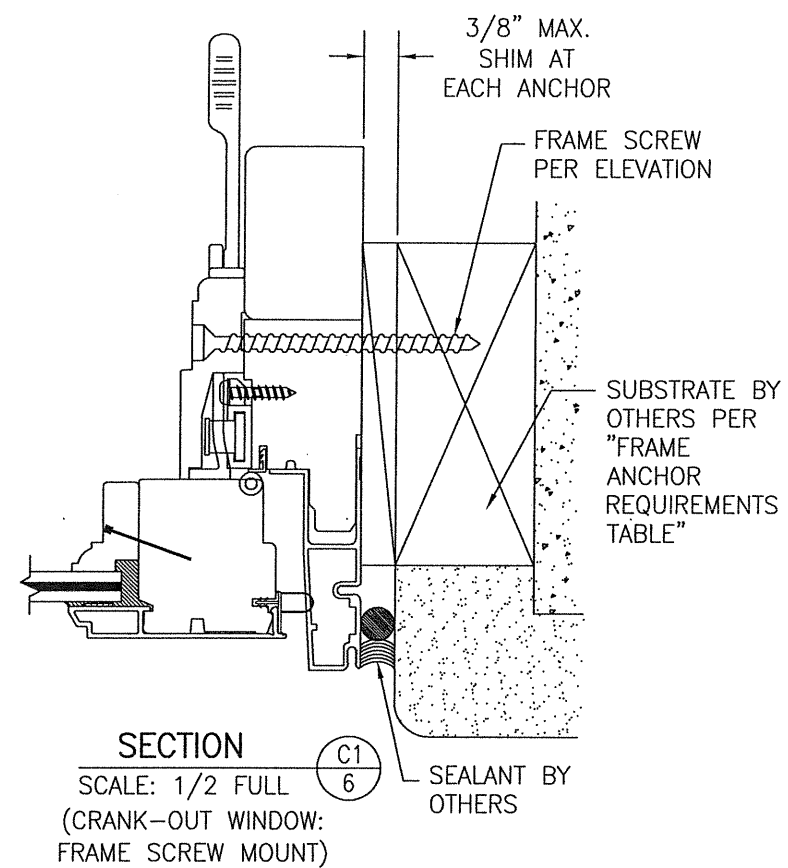
MULLION ALLOWABLE DESIGN PRESSURE (REINFORCED MULLION)					
MAXIMUM MULLION SPAN (IN.)	MAXIMUM LOAD WIDTH (IN.)	ALLOWABLE PRESSURE (PSF)			
		VENT/VENT		VENT/FIXED	
		(+)	(-)	(+)	(-)
84 3/16	54 7/16	N/A	N/A	53.1	57.1
	48 7/16	N/A	N/A	59.6	64.2
	42 7/16	N/A	N/A	65.0	73.3
	36 7/16	65.0	70.0	65.0	85.0
	33 7/16	65.0	76.3	65.0	85.0
	30 7/16	65.0	83.8	65.0	85.0
78 3/16	29 7/16	65.0	85.0	65.0	85.0
	54 7/16	N/A	N/A	57.1	61.5
	48 7/16	N/A	N/A	64.2	69.1
	42 7/16	N/A	N/A	65.0	78.9
	38 7/16	N/A	N/A	65.0	70.0
	36 7/16	65.0	75.4	65.0	85.0
72 3/16	33 7/16	65.0	82.1	65.0	85.0
	31 7/16	65.0	85.0	65.0	85.0
	54 7/16	N/A	N/A	61.9	66.6
	48 7/16	N/A	N/A	65.0	74.9
	42 7/16	N/A	N/A	65.0	85.0
	36 7/16	65.0	81.6	65.0	85.0
66 3/16	34 7/16	65.0	85.0	65.0	85.0
	54 7/16	N/A	N/A	65.0	72.7
	48 7/16	N/A	N/A	65.0	81.7
	46 7/16	N/A	N/A	65.0	85.0
60 3/16	36 7/16	65.0	85.0	65.0	85.0
	54 7/16	N/A	N/A	65.0	79.9
	50 7/16	N/A	N/A	65.0	85.0
56 3/16	54 7/16	N/A	N/A	65.0	85.0

NOTES:
1. SEE ELEVATION FOR DIMENSIONING OF LOAD WIDTH.
2. ALLOWABLE UNIT PRESSURE SHALL BE THE LESSER OF THE PRESSURE SHOWN IN THIS TABLE & THAT SPECIFIED FOR THE INDIVIDUAL WINDOWS.
3. "N/A" DESIGNATES A SIZE NOT APPLICABLE TO THAT CONDITION.

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PLOT: 1=16	DATE: 10/28/20
DATE	BY
REVISION DESCRIPTION	NO.
DRAWING TITLE FEEL SAFE ALUMINUM CLAD WOOD IMPACT VENT CASEMENT WINDOW	
MANUFACTURER SIERRA PACIFIC WINDOWS 575 S. WHELEN AVE. MEDFORD, WI 54451 800-433-4873	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
CERTIFICATION NOV 03 2020 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	DRAWING NO. 1984 SHEET NO. 4 OF 10



STANDARD INSTALLATION CLIP DETAIL
(HEAD SECTION SHOWN; SILL & SIDES ARE INSTALLED THE SAME)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)



OPTIONAL DIRECT MOUNT DETAIL
TO SUBSTRATE WITH SPACER
(HEAD SECTION SHOWN; SILL & SIDES ARE
INSTALLED THE SAME)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)

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1984			
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CERTIFICATION

NOV 03 2020

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

DRAWING TITLE

FEEL SAFE ALUMINUM CLAD WOOD IMPACT VENT CASEMENT WINDOW

CONSULTANTS

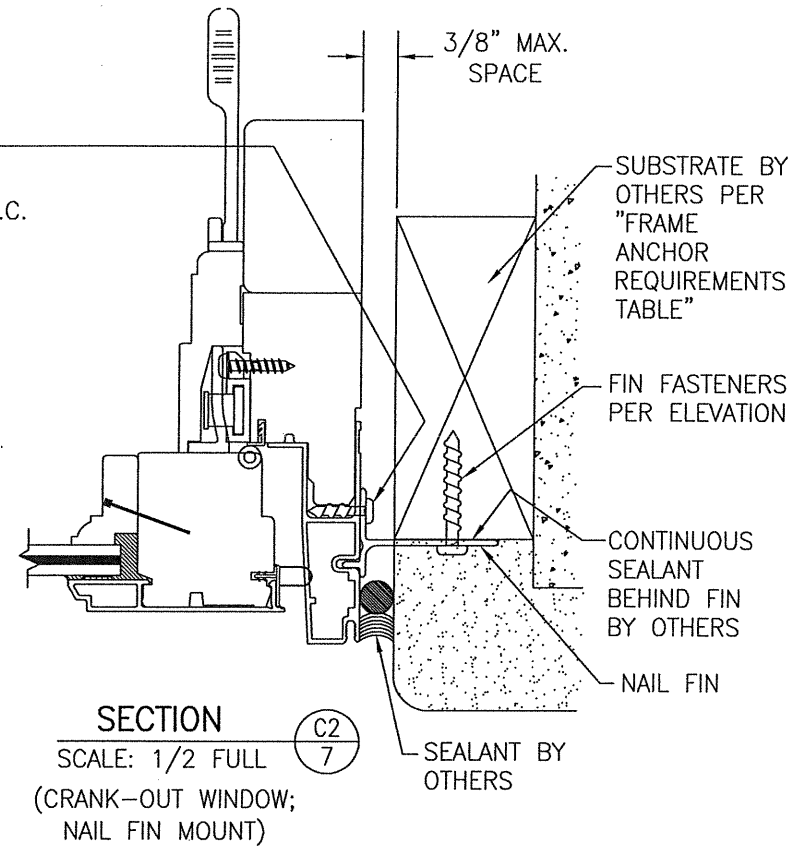
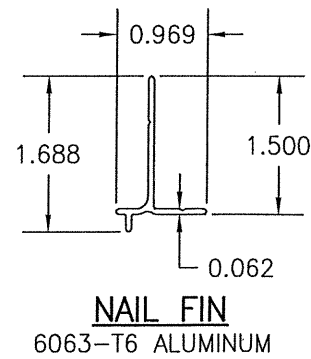
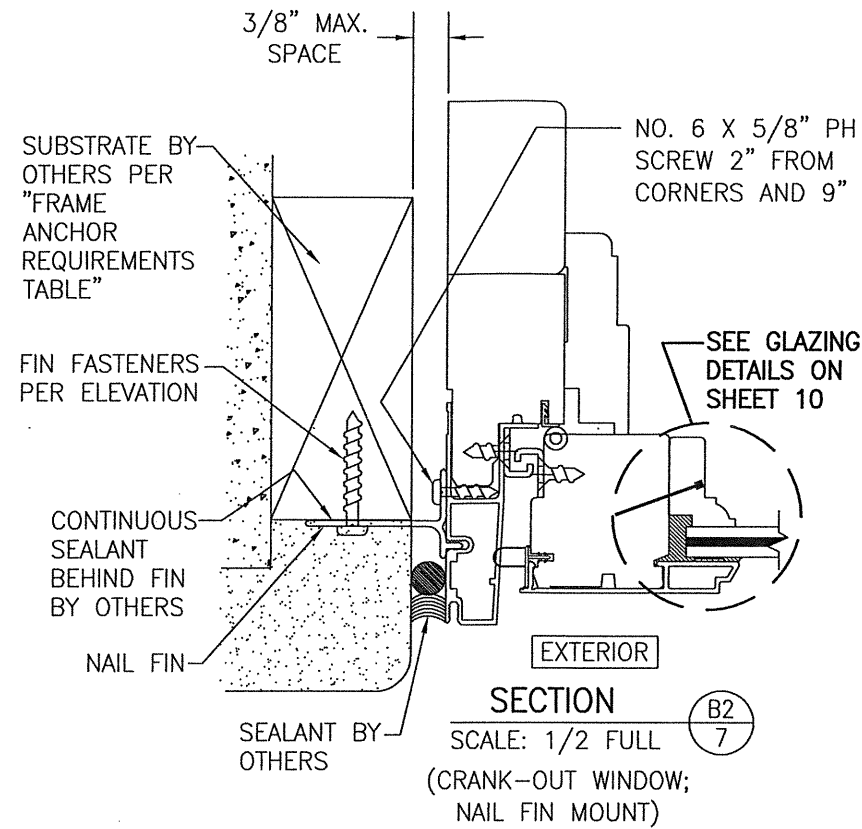
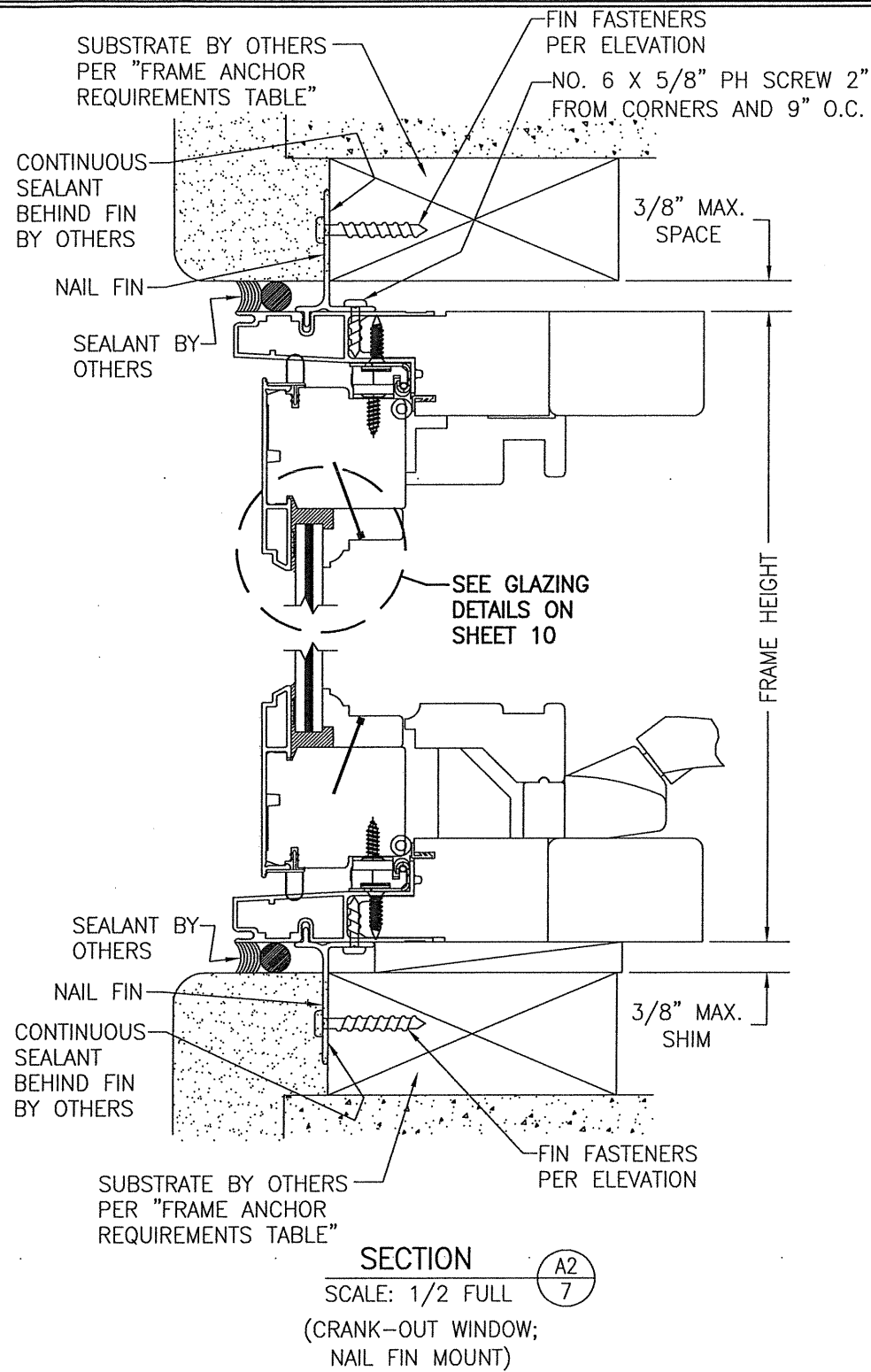
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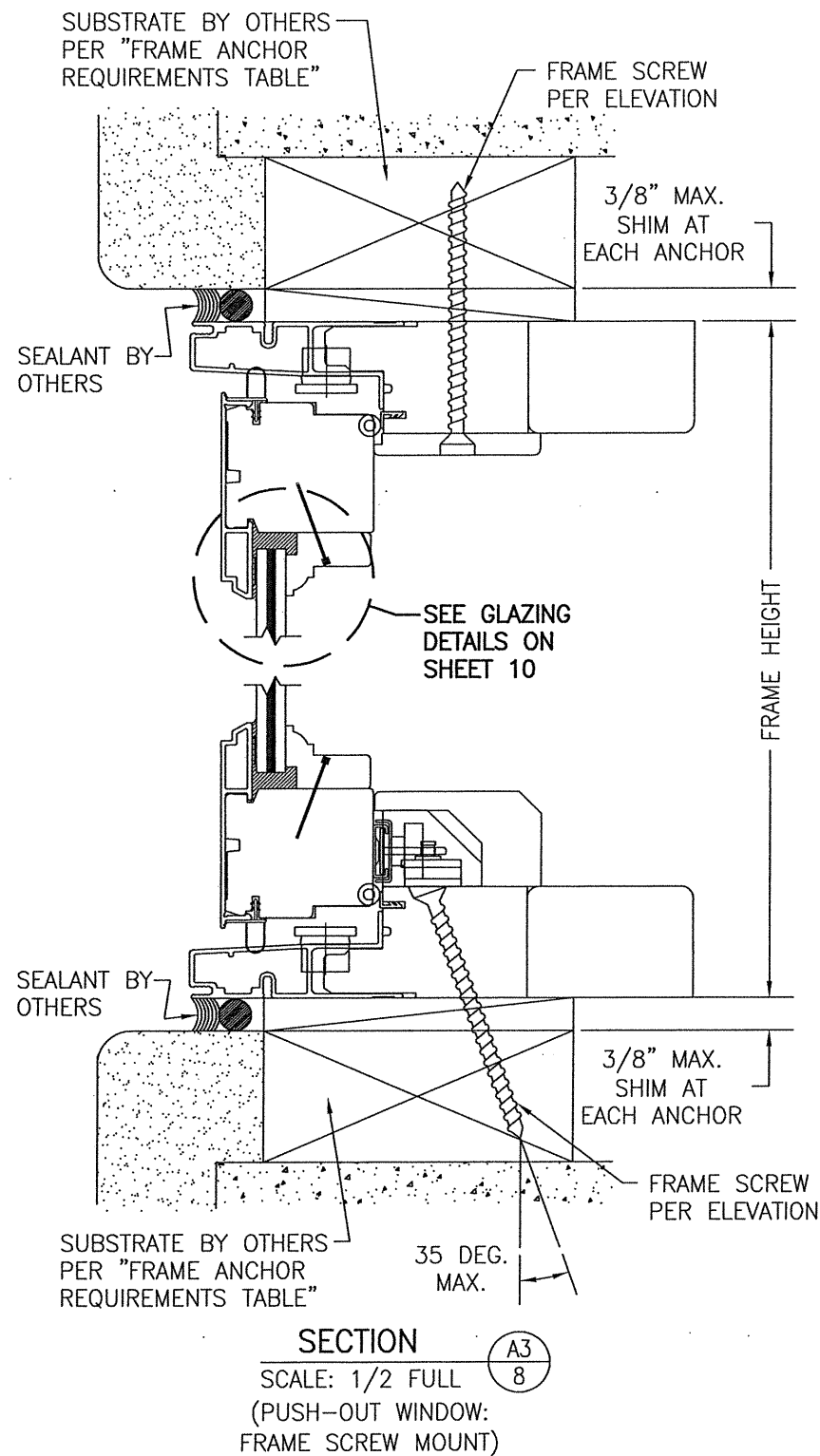
MANUFACTURER

SIERRA PACIFIC WINDOWS

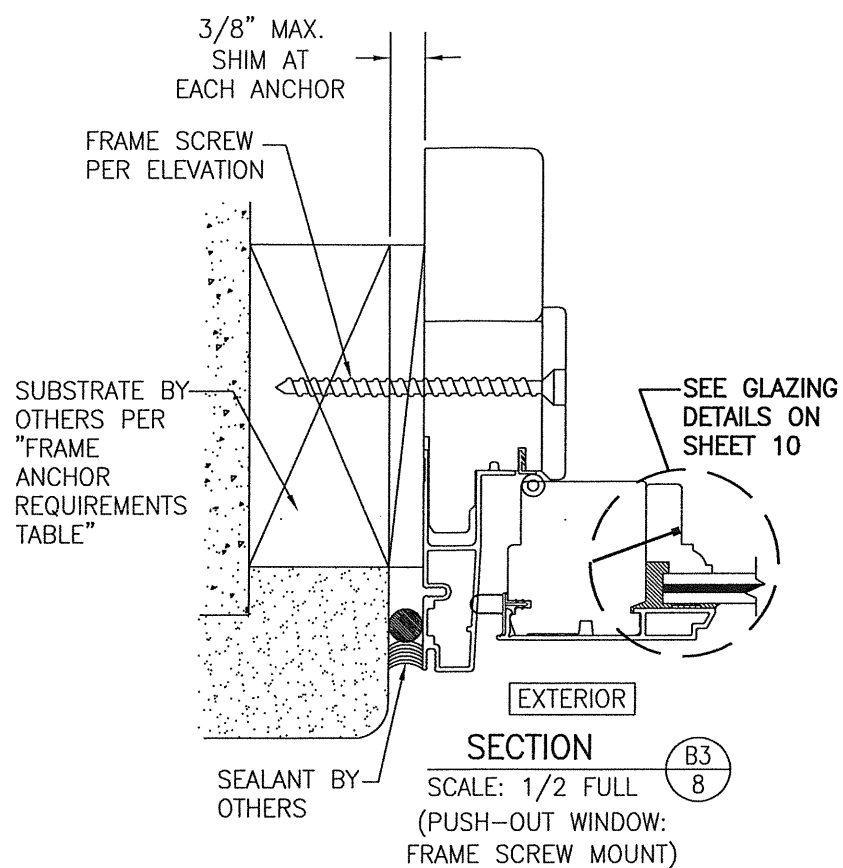
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800-433-4873



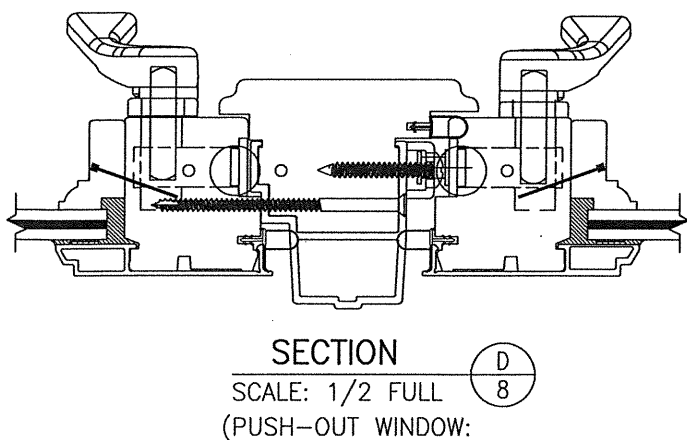
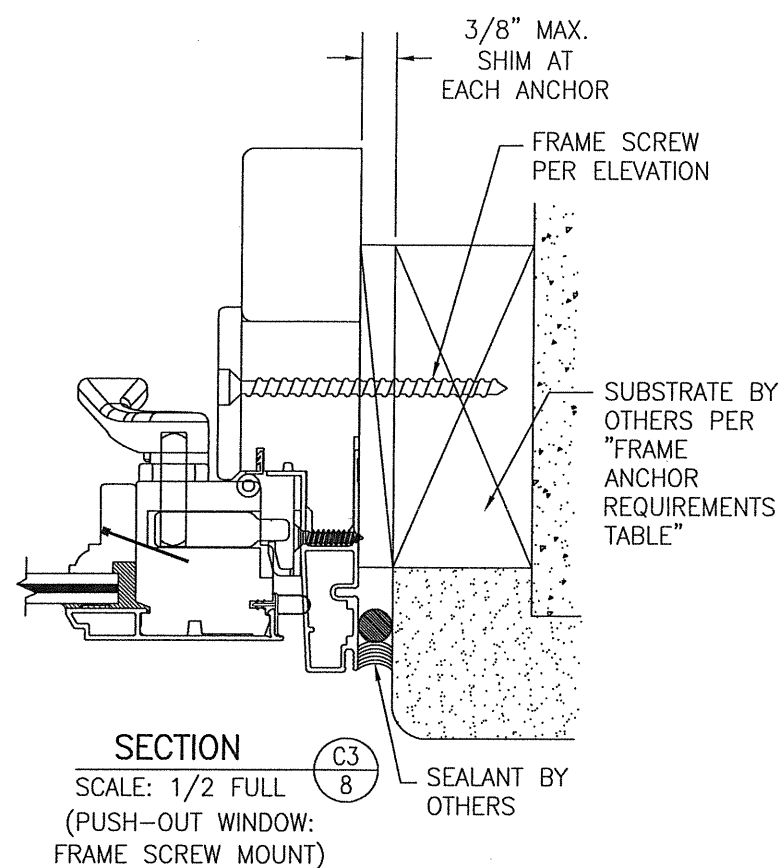
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PLOT: 1=2		DATE: 10/28/20	
NO.	REVISION	DESCRIPTION	DATE
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DRAWING TITLE FEEL SAFE ALUMINUM CLAD WOOD IMPACT VENT CASEMENT WINDOW			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		MANUFACTURER SIERRA PACIFIC WINDOWS 575 S. WHELEN AVE. MEDFORD, WI 54451 800-433-4873	
CERTIFICATION STATE OF FLORIDA NOV 03 2020 WARREN W. SCHAEFER, P.E. P.E. NO. 44135		DRAWING NO. 1984	
SHEET NO. 7		REV. 10	



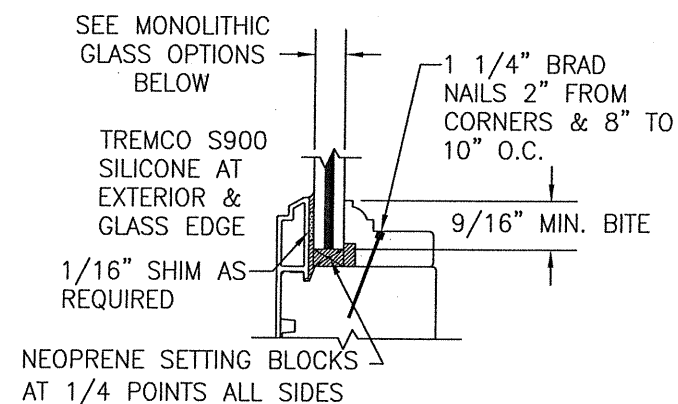
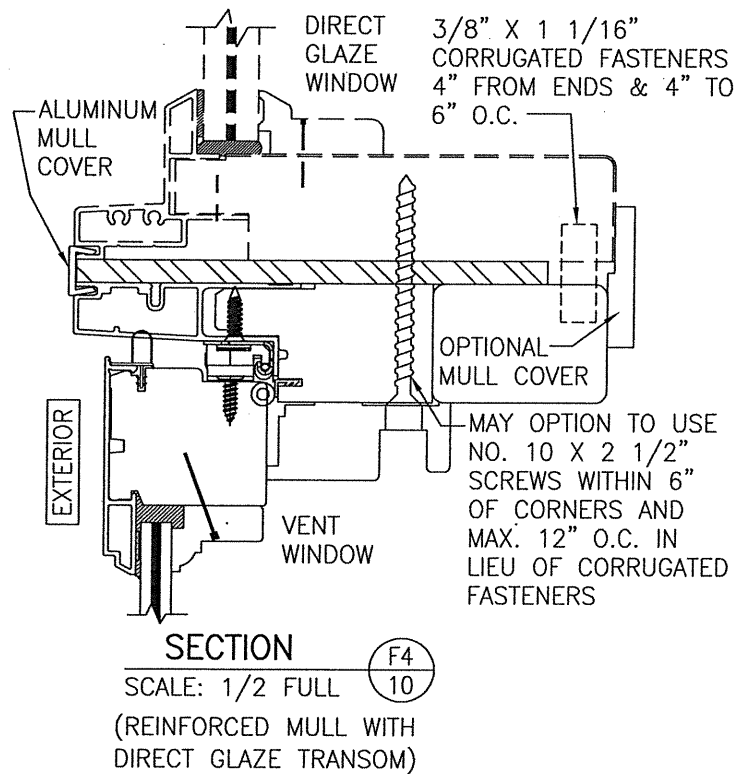
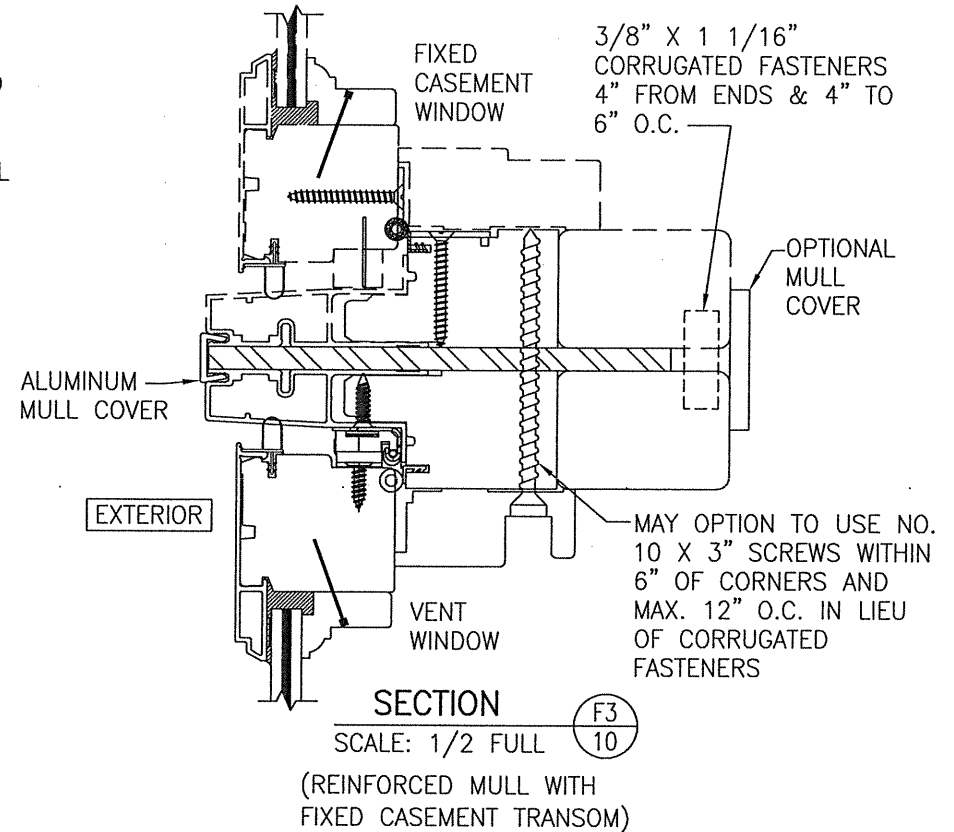
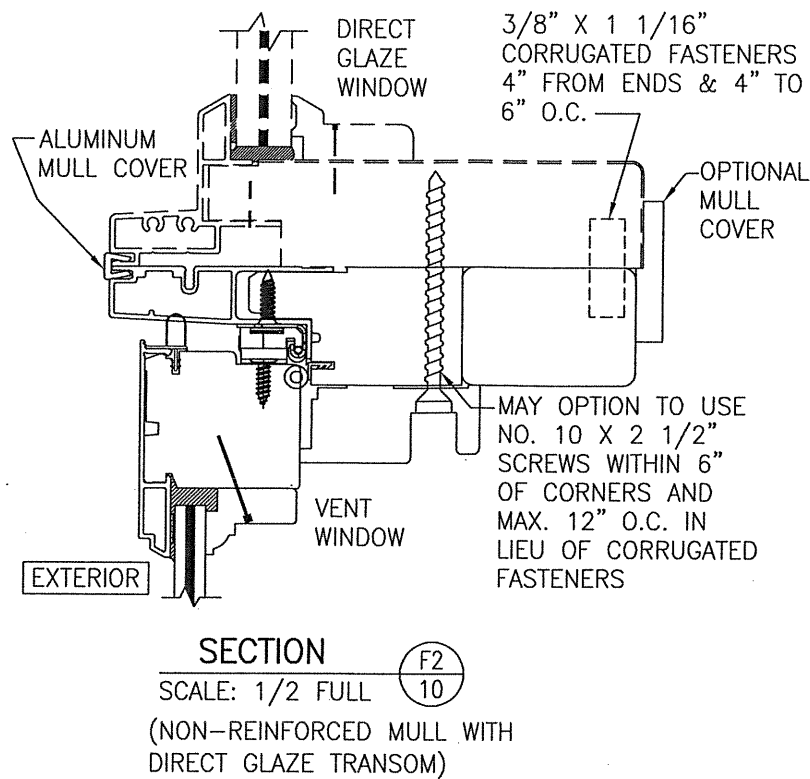
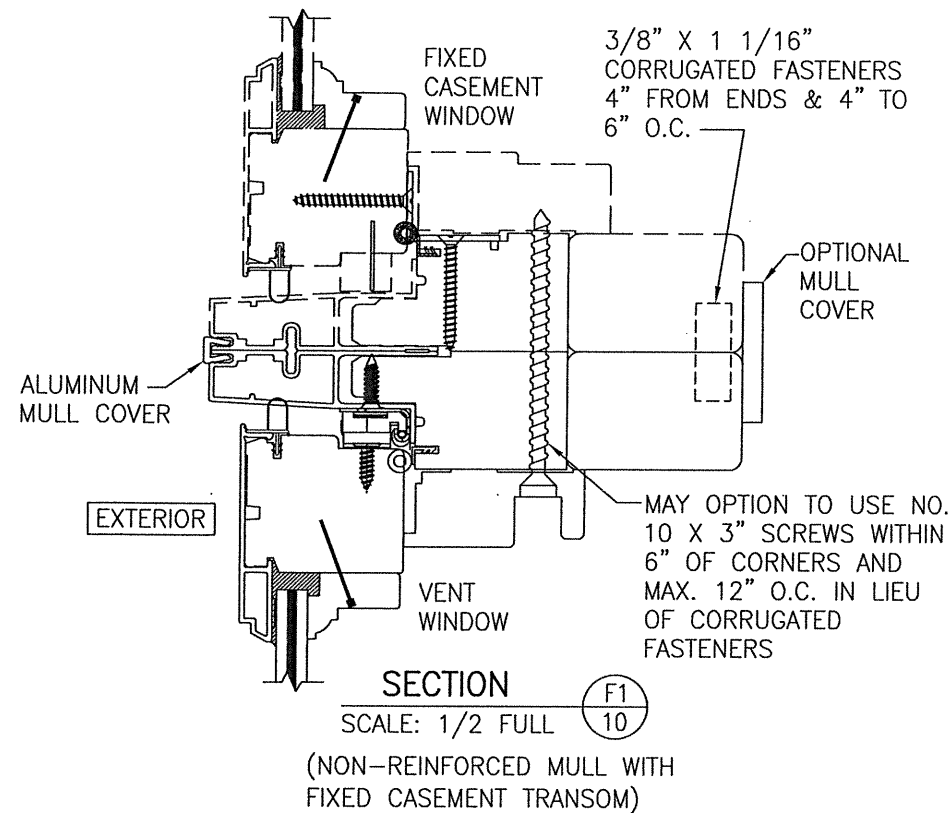
FRAME SCREW MOUNT SHOWN. SEE
DETAILS ON SHEET 6 FOR DIRECT
MOUNT & CLIP MOUNT DETAILS.



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DETAILS ON SHEET 6 FOR DIRECT
MOUNT & CLIP MOUNT DETAILS.

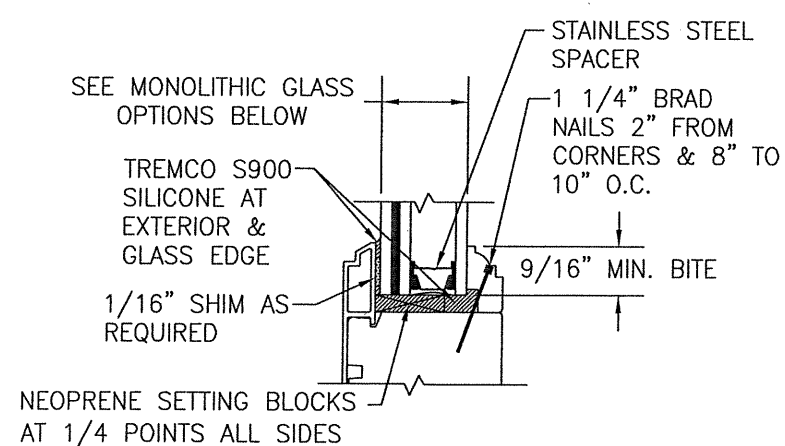


DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 10/28/20	
NO.	REVISION	DESCRIPTION	DATE
1			
DRAWING TITLE FEEL SAFE ALUMINUM CLAD WOOD IMPACT VENT CASEMENT WINDOW			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		MANUFACTURER SIERRA PACIFIC WINDOWS 575 S. WHELEN AVE. MEDFORD, WI 54451 800-433-4873	
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MONOLITHIC GLASS OPTIONS:

- OPTION 1A: 5/32" THICK LAMINATED GLASS (1/8" AN/0.09 EASTMAN CHEM. CO. SAFLEX/1/8" AN)
- OPTION 1B: 13/32" THICK LAMINATED GLASS (5/32" AN/0.09 EASTMAN CHEM. CO. SAFLEX/5/32" AN)
- OPTION 1C: 7/16" THICK LAMINATED GLASS (3/16" H.S./0.09 KURARAY SG/3/16" H.S.)
- OPTION 1D: 13/32" THICK LAMINATED GLASS (5/32" AN/0.09 KURARAY SG/5/32" AN)



I.G. GLASS OPTIONS:

- OPTION 2A: 29/32" THICK I.G. GLASS (1/8" AN/0.09 EASTMAN CHEM. CO. SAFLEX/1/8" AN EXTERIOR; 7/16" SPACER; 1/8" TEMP. INTERIOR)
- OPTION 2B: 1" THICK I.G. GLASS (5/32" AN/0.09 EASTMAN CHEM. CO. SAFLEX/5/32" AN EXTERIOR; 7/16" SPACER; 5/32" TEMP. INTERIOR)
- OPTION 2C: 1 1/32" THICK I.G. GLASS (3/16" H.S./0.09 KURARAY SG/3/16" H.S. EXTERIOR; 3/8" SPACER; 3/16" TEMP. INTERIOR)
- OPTION 2D: 1" THICK I.G. GLASS (5/32" AN/0.09 KURARAY SG/5/32" AN EXTERIOR; 7/16" SPACER; 5/32" TEMP. INTERIOR)
- OPTION 2E: 1 1/32" THICK I.G. GLASS (1/8" AN/0.09 KURARAY SG/1/8" AN EXTERIOR; 7/16" SPACER; 1/4" TEMP. INTERIOR)

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PLOT: 1=2	DATE: 10/28/20
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REVISION DESCRIPTION	NO.
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SHEET NO. 10 OF 10	