

GENERAL NOTES:

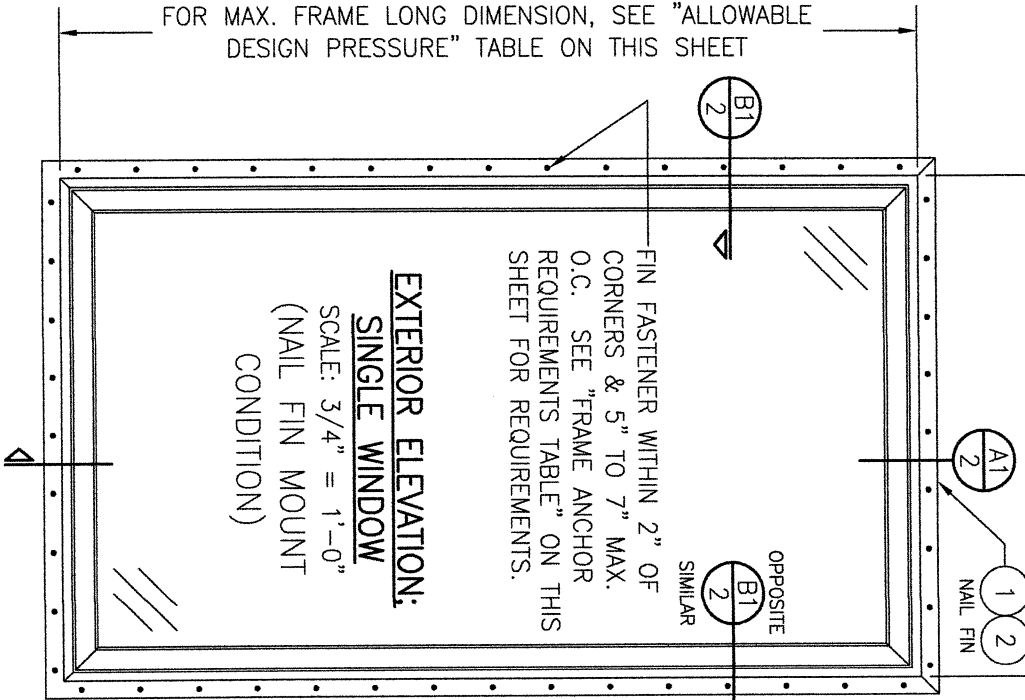
1. ALL FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. THESE NON-IMPACT RATED PRODUCT INSTALLATIONS ARE IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC)
4. 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.
5. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.
6. TO THE BEST OF OUR KNOWLEDGE, THE PRODUCT SHOWN HEREIN IS CERTIFIED & QUALITY ASSURED BY A FLORIDA STATE APPROVED CERTIFICATION/OA ENTITY & SHALL BE LABELED IN ACCORDANCE WITH THE FBC AND THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION SPECIFICATIONS. PRODUCT ASSEMBLY IS NOT PART OF THIS DRAWING AND SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S QUALITY ASSURANCE SPECIFICATIONS & TESTING REPORTS.
7. CERTIFICATION OF THESE PRODUCT INSTALLATIONS SHALL BE CONSIDERED VOID IF ANY OF THE FOLLOWING APPLY: 1) PRODUCT IS INSTALLED WITHOUT A BUILDING PERMIT FROM THE APPLICABLE LOCAL BUILDING DEPARTMENT. 2) PRODUCT IS INSTALLED BY ANYONE OTHER THAN A LICENSED CONTRACTOR EXPERIENCED WITH INSTALLATIONS OF THIS TYPE OF PRODUCT. 3) IF CHANGES HAVE OCCURRED TO THE PRODUCT'S CERTIFICATION ENTITY'S CERTIFICATE THAT CAUSE THESE INSTALLATIONS TO BE INCORRECT OR INCONSISTENT WITH WHAT HAS BEEN TESTED.
8. THE LEAST DESIGN PRESSURE SPECIFIED EITHER IN THIS DRAWING OR IN THE PRODUCT'S CERTIFICATION SHALL CONTROL FOR THE INSTALLED PRODUCT.
9. THESE DRAWINGS CERTIFY THE PRODUCT INSTALLATION ONLY. WATER PROOFING OF THE INSTALLED PRODUCT IS NOT PART OF THIS INSTALLATION CERTIFICATION. THAT RESPONSIBILITY SHALL BE THAT OF THE MANUFACTURER &/OR INSTALLER.

INSTALLATION EVALUATION IS BASED ON APPLICABLE ANCHOR STANDARDS AND/OR INFORMATION & RESULTS FROM APPLICABLE TEST REPORTS. THE FLORIDA BUILDING CODE VERSION CONSIDERED WITH THE 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 THE REFERENCED PRODUCT, PRIOR TO STATING CODE COMPLIANCE WITH THE STATE, THE MANUFACTURER SHALL CONFIRM WITH THE INSTALLATION EVALUATION ENGINEER OF RECORD THAT THE INSTALLATIONS SPECIFIED HERE-IN ARE CURRENT WITH THE THEN CURRENT TESTING, CODE AND APPLICABLE STANDARDS.

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"
C-90 CMU/2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/4"	2"
(2) INSTALLATION CLIP SCREWS (BENT & 3-PIECE CLIPS)			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 X 1 1/2" SMS	1 3/8"	(2) N/A
MIN. 1/8" THK A36 STEEL	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	(2) N/A
MIN. 1/8" THK 6063-T5 ALUM.	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	(2) N/A
INSTALLATION CLIP SCREWS (STRAIGHT CLIPS)			
MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 X 1 1/2" SMS	1 3/8"	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"
(3) NAILING FIN FASTENERS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 X 1 1/2" SMS	1 3/8"	1/2"
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	11 GA. ROOFING NAIL	1 3/8"	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"

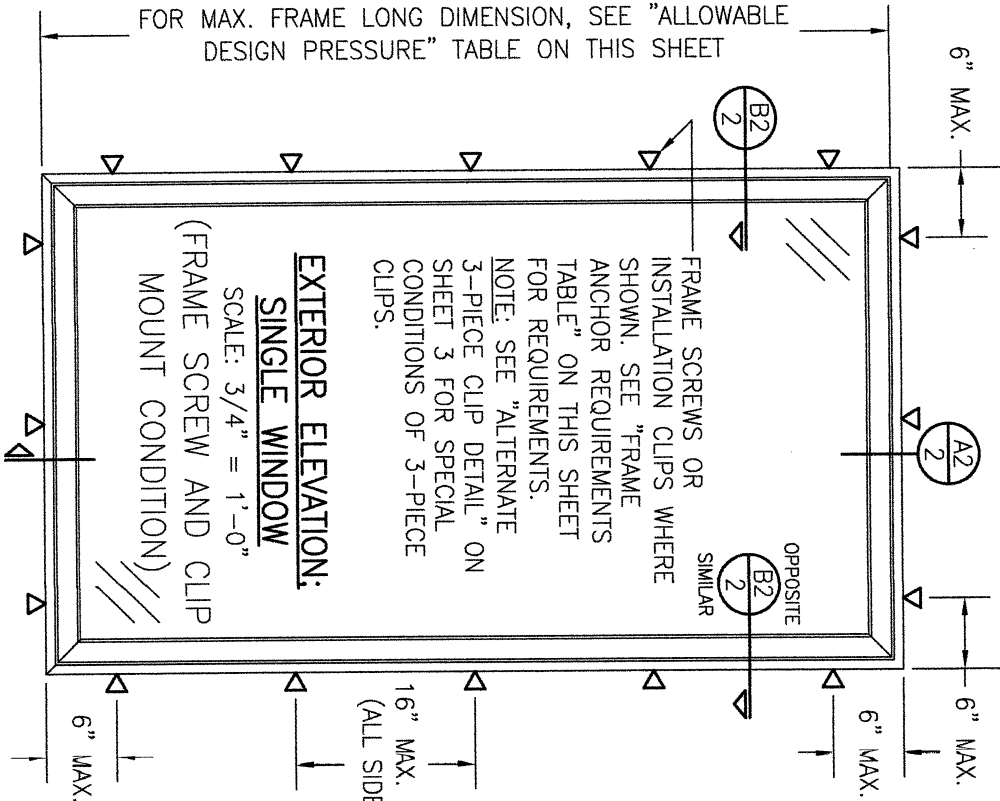
FOR MAX. FRAME SHORT
DIMENSION SEE "ALLOWABLE
DESIGN PRESSURE TABLE
ON THIS SHEET



EXTERIOR ELEVATION:
SINGLE WINDOW

SCALE: 3/4" = 1'-0"
(NAIL FIN MOUNT
CONDITION)

FOR MAX. FRAME SHORT
DIMENSION SEE "ALLOWABLE
DESIGN PRESSURE TABLE
ON THIS SHEET



EXTERIOR ELEVATION:
SINGLE WINDOW

SCALE: 3/4" = 1'-0"
(FRAME SCREW AND CLIP
MOUNT CONDITION)

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.

EDGE
DISTANCE
MAY BE
DECREASED
TO 1/2" IF
SCREWS ARE
ANGLED 15
TO 20
DEGREES
AWAY FROM
THE EDGE.

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)

ALLOWABLE DESIGN PRESSURE		
MAX. FRAME SHORT DIM. (IN.)	MAX. FRAME LONG DIM. (IN.)	ALLOWABLE PRESSURE (+/- PSF)
59	73	30
35	73	50

PRESSURE SHOWN IN THIS TABLE IS FOR
INSTALLATION CONDITIONS ONLY. THE
GOVERNING DESIGN PRESSURE ON THE
WINDOWS SHALL BE THE LESSER OF THAT
SHOWN IN THE INDIVIDUAL WINDOW'S STATE
APPROVAL OR THAT SHOWN IN THIS TABLE.

LONG DIMENSION MAY BE HORIZONTAL OR
VERTICAL.



Digitally signed
by Warren W
Schaefer
Date:
2026.01.22
13:57:21 -05'00'

DRAWING TITLE
ARCHITECT CONTEMPORARY/LIFESTYLE W/O HGP NON-IMPACT
FIXED WINDOWS

CONSULTANTS
**W. W. SCHAEFER ENGINEERING
& CONSULTING, P.A.**
25601 AYSEN DRIVE
PUNTA GORDA, FL 33983
PHONE: 561-744-3424

MANUFACTURER



PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219
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NO.	REVISION DESCRIPTION	BY	DATE
A1	UPDATE PER NEW TESTING	W.W.S.	09/21/18
B1	PRODUCT NAME CHANGE	W.W.S.	10/07/21
C1	ADDED NEW INSTALL CLIP OPTION	W.W.S.	06/05/24
D1	EDITED PRESSURE TABLE	W.W.S.	01/22/26

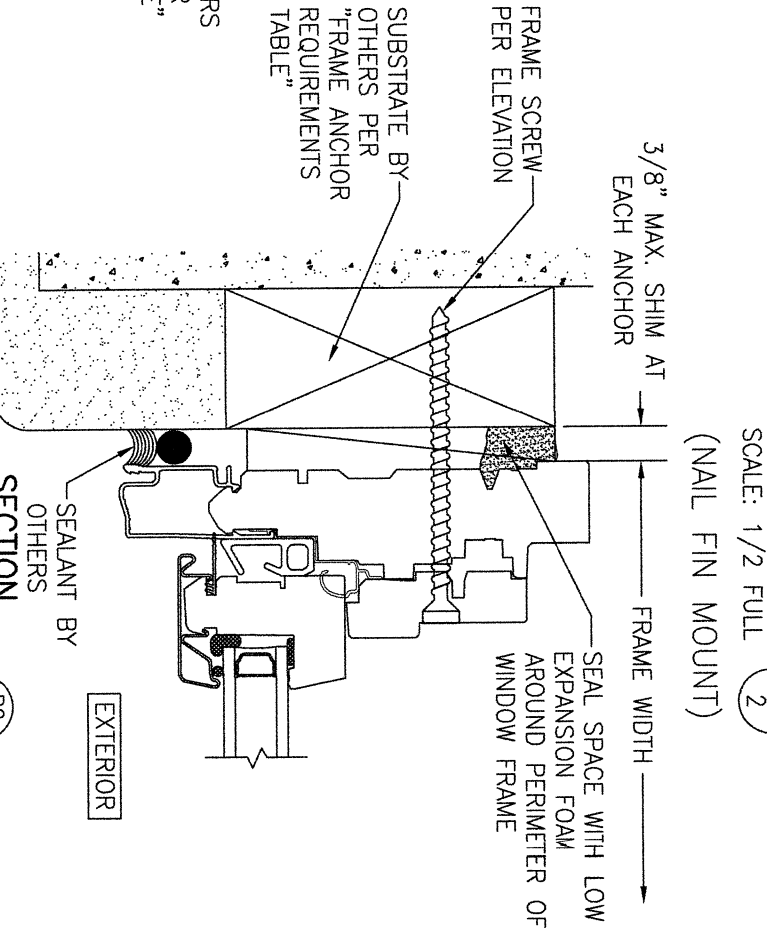
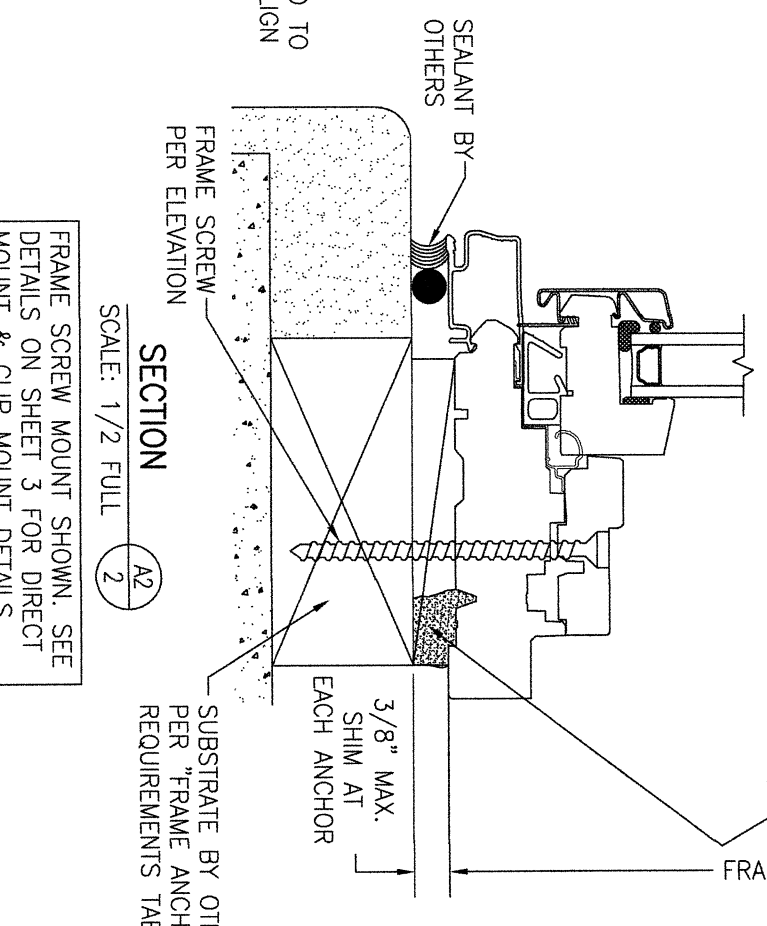
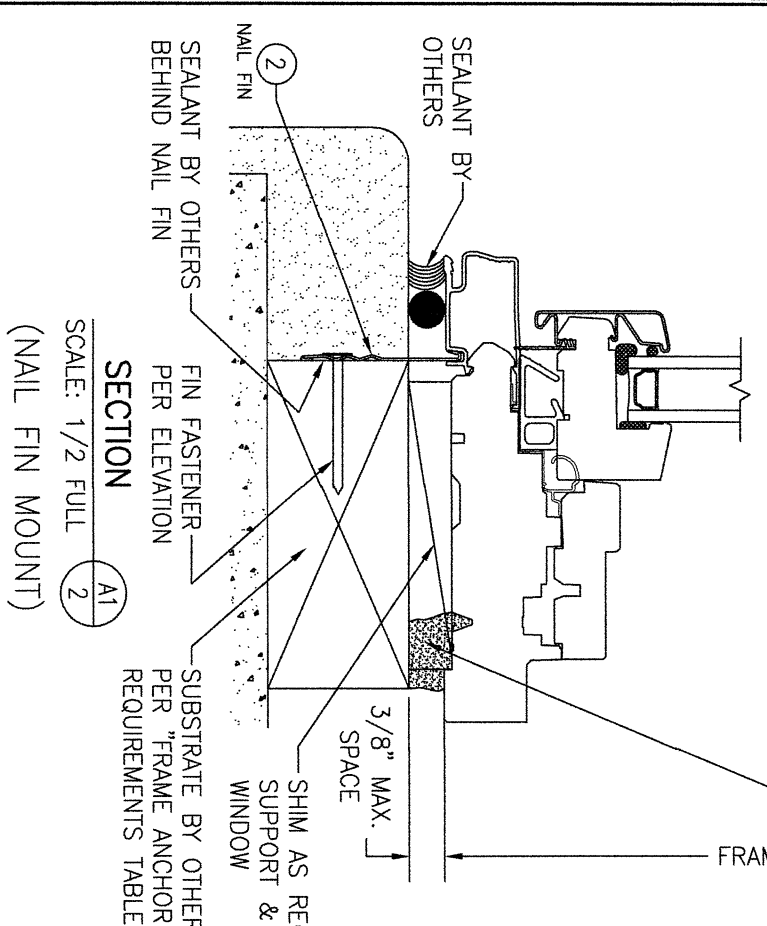
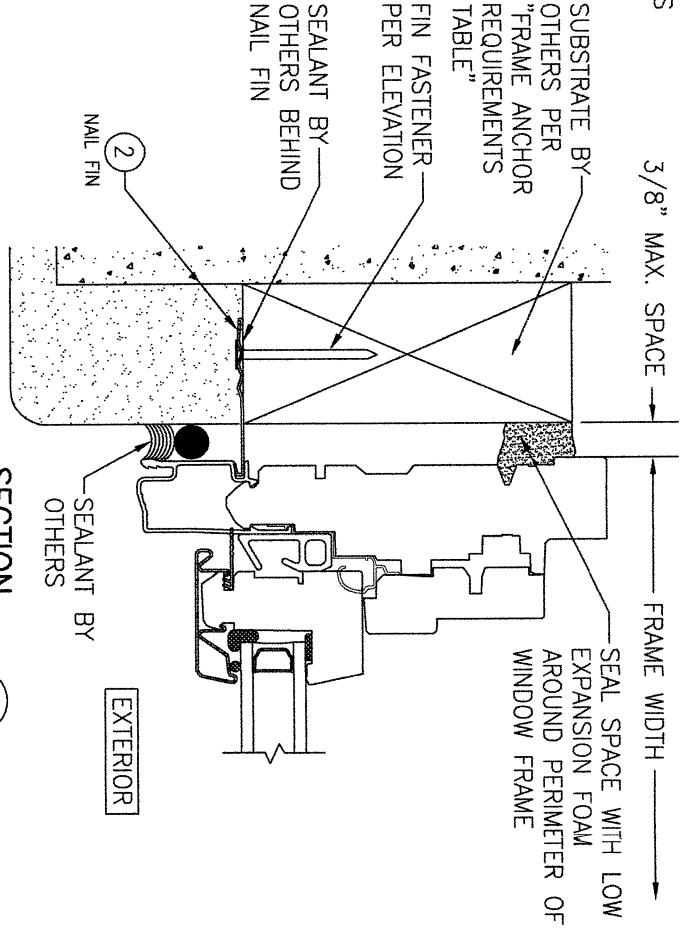
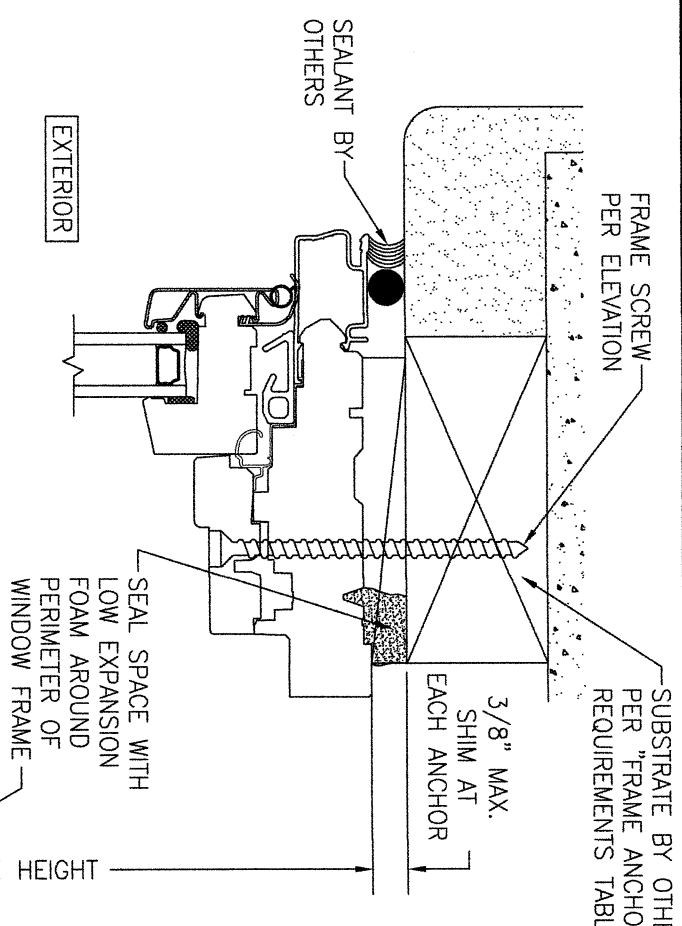
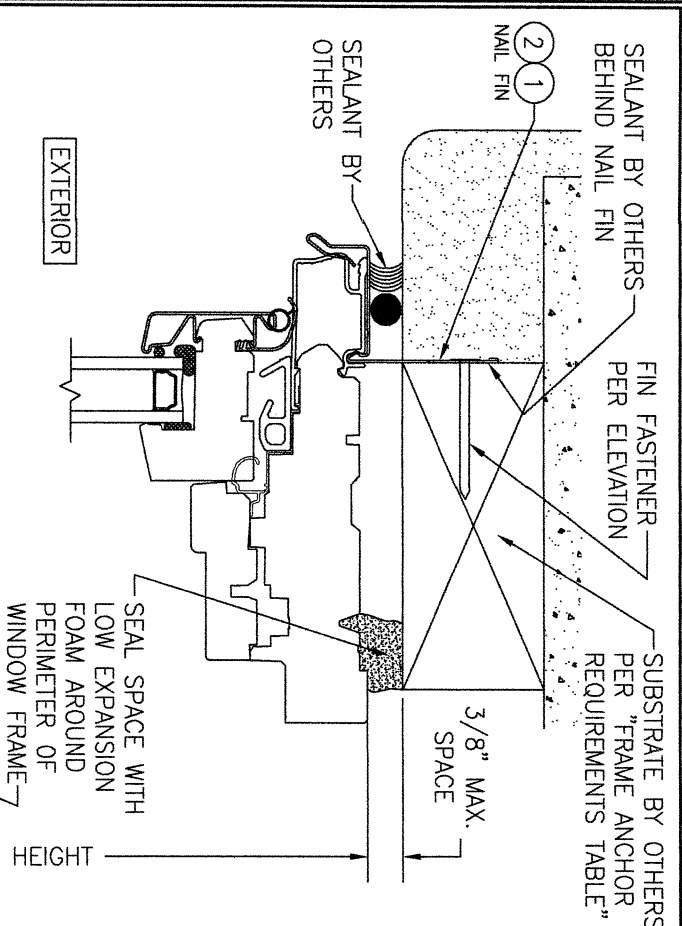
CERTIFICATION

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

DRAWING NO. 1922

SHEET NO. 1 OF 4

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.



NOTE: JAMB & SASH STOP PROFILES SHOWN HERE-IN REFLECT THE "ARCHITECT" WINDOW LINE. PROFILES FOR THE "CONTEMPORARY/LIFESTYLE W/O HGP" LINE ARE SIMILAR AND ALSO APPLY.

NO.	REVISION DESCRIPTION	BY	DATE

DRAWING TITLE ARCHITECT CONTEMPORARY/LIFESTYLE W/O HGP NON-IMPACT FIXED WINDOWS

CONSULTANTS
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 PHONE: 561-744-3424

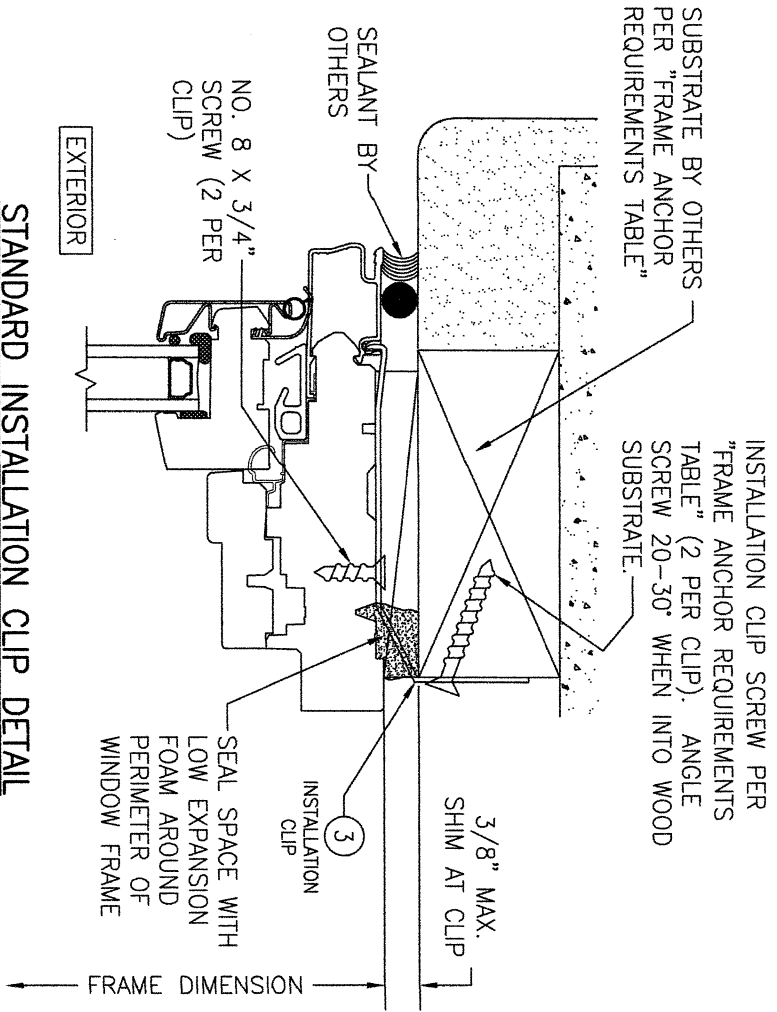
MANUFACTURER

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 641-621-1000

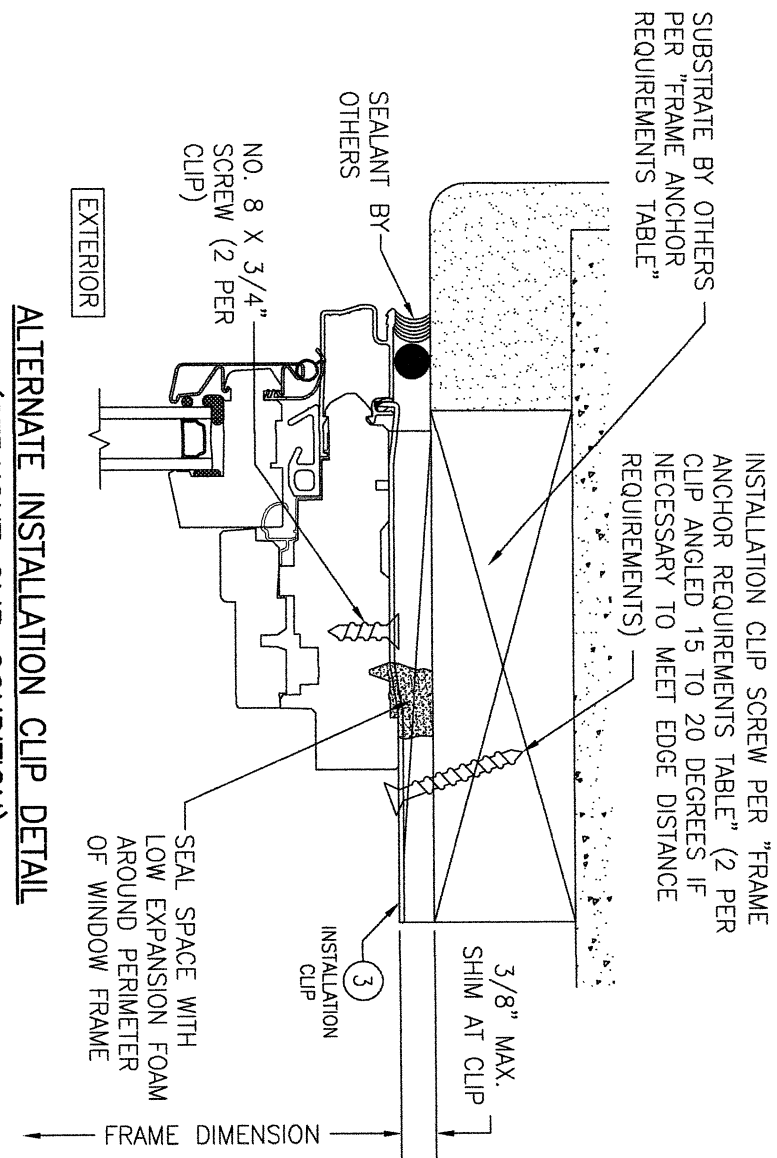
CERTIFICATION
 WARREN W. SCHAEFER, P.E.
 P.E. NO. 44135

DRAWING NO. 1922
REV. D

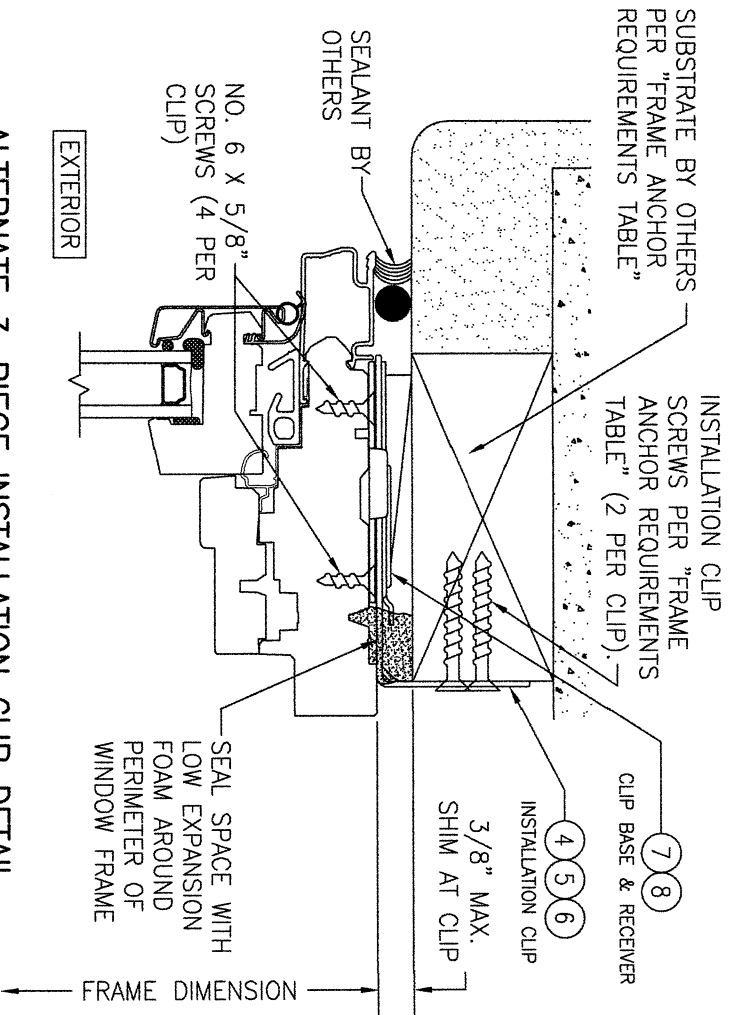
SHEET NO. 2 OF 4



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



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

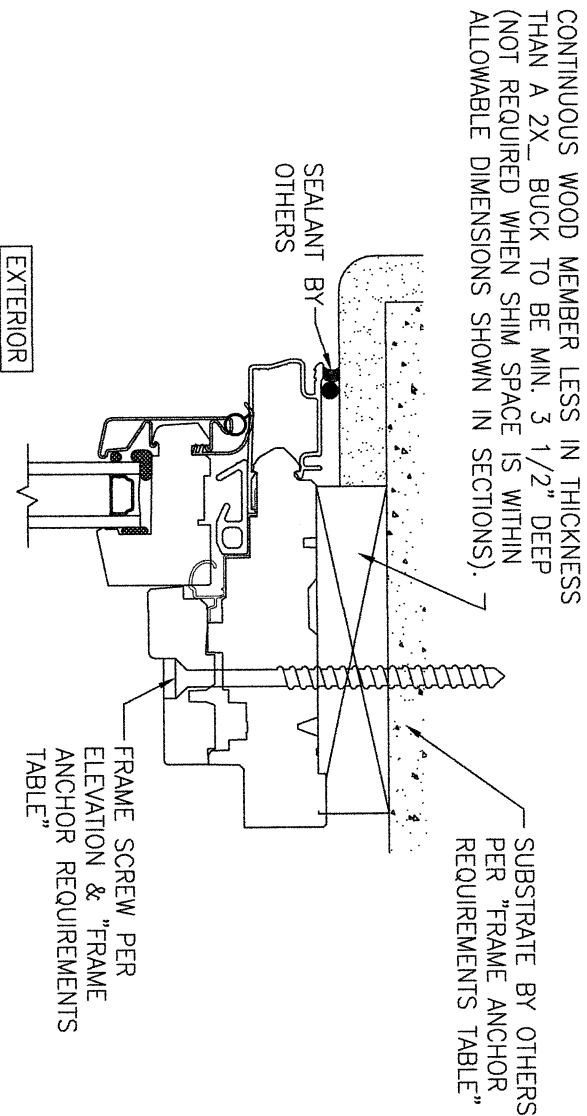


ALTERNATE 3-PIECE INSTALLATION CLIP DETAIL

(HEAD SECTION SHOWN; SILL & SIDES ARE INSTALLED THE SAME)

(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)

NOTE: 3-PIECE CLIPS MAY ACT AS SPOT OR FULL REPLACEMENTS OF EITHER THE FRAME SCREWS, STANDARD BENT CLIPS OR STRAIGHT CLIPS. THEREFORE, ANY ONE OR ALL OF THE FRAME SCREWS/CLIPS SPECIFIED IN THE ELEVATION(S) MAY BE REPLACED WITH 3-PIECE CLIPS.



OPTIONAL DIRECT MOUNT DETAIL
TO SUBSTRATE WITH SPACER

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

NO.	REVISION	DESCRIPTION	BY	DATE
1	2			



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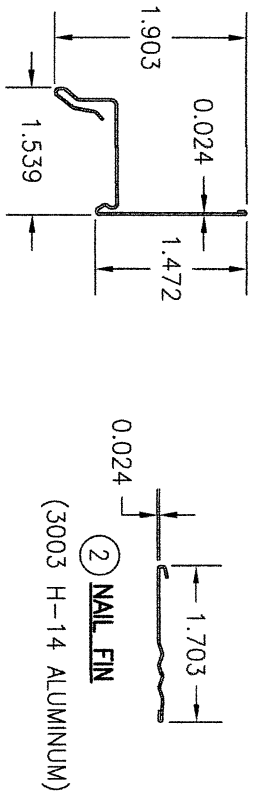
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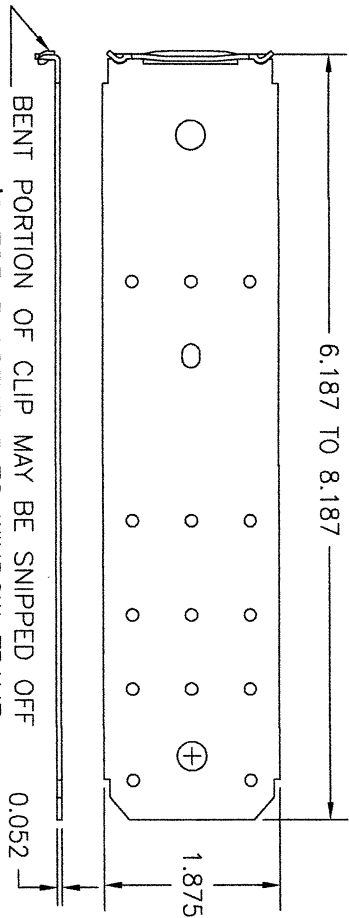
CERTIFICATION

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P.E. NO. 44135

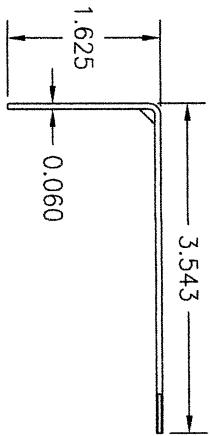
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SHEET NO. 3 OF 4



1 DRIP CAP NAIL FIN
(3003 H-14 ALUMINUM)

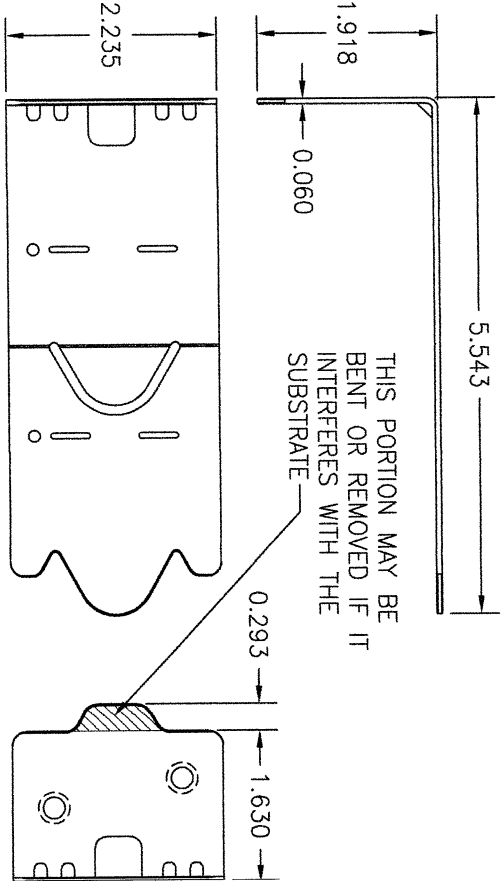


3 FRAME INSTALLATION CLIP
(50 KSI STEEL)



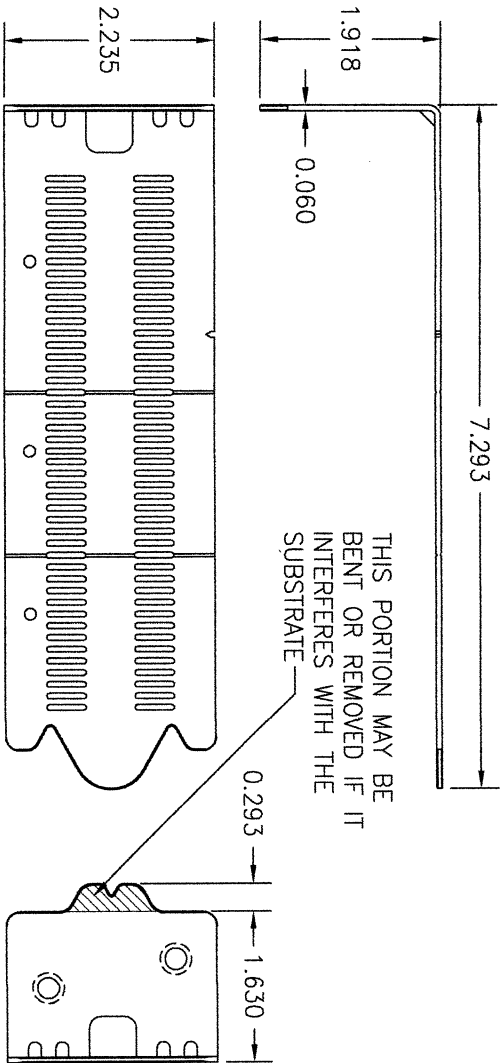
4 FRAME INSTALLATION CLIP
(50 KSI STEEL)

SHORT CLIP USED WITH 3-PIECE CLIP SYSTEM
(TYPICALLY USED WITH 2X4 BUCK SUBSTRATE)



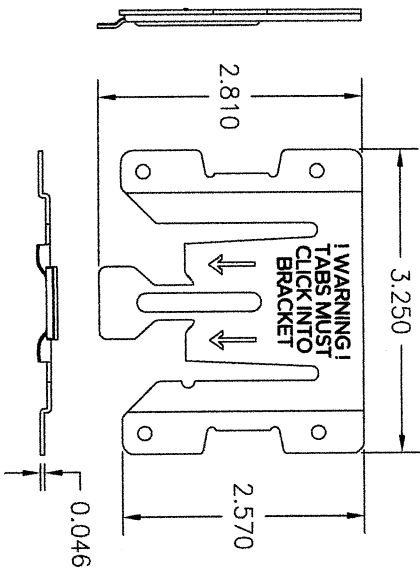
5 FRAME INSTALLATION CLIP
(50 KSI STEEL)

LONG CLIP USED WITH 3-PIECE CLIP SYSTEM
(TYPICALLY USED WITH 2X6 BUCK SUBSTRATE,
BUT MAY ALSO BE USED WITH 2X4)

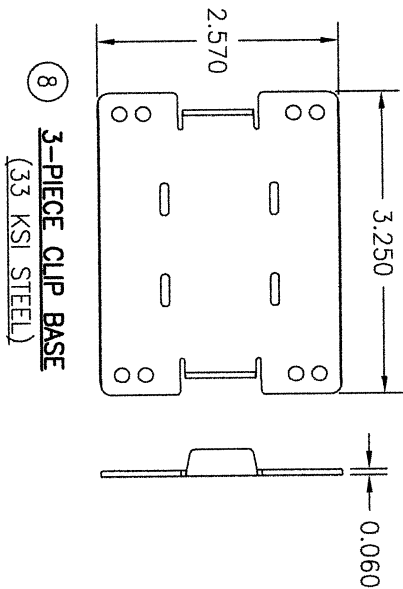


6 FRAME INSTALLATION CLIP
(50 KSI STEEL)

ADJUSTABLE CLIP USED WITH 3-PIECE CLIP SYSTEM



7 3-PIECE CLIP RECEIVER
(50 KSI STEEL)



8 3-PIECE CLIP BASE
(33 KSI STEEL)

NO.	REVISION	DESCRIPTION	BY	DATE
1	2			
2				
3				
4				
5				
6				
7				
8				
9				
10				

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MANUFACTURER

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DRAWING NO. 1922
SHEET NO. 4 OF 4