(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) STANDARD BENT CLIP INSTALLATION SCREWS SHALL BE POSITIONED WITHIN 1/4" OF THE BUCK/SUBSTRATE EDGE AND, IF INTO WOOD, ANGLED 20 TO 30 DEGREES INTO THE BUCK.

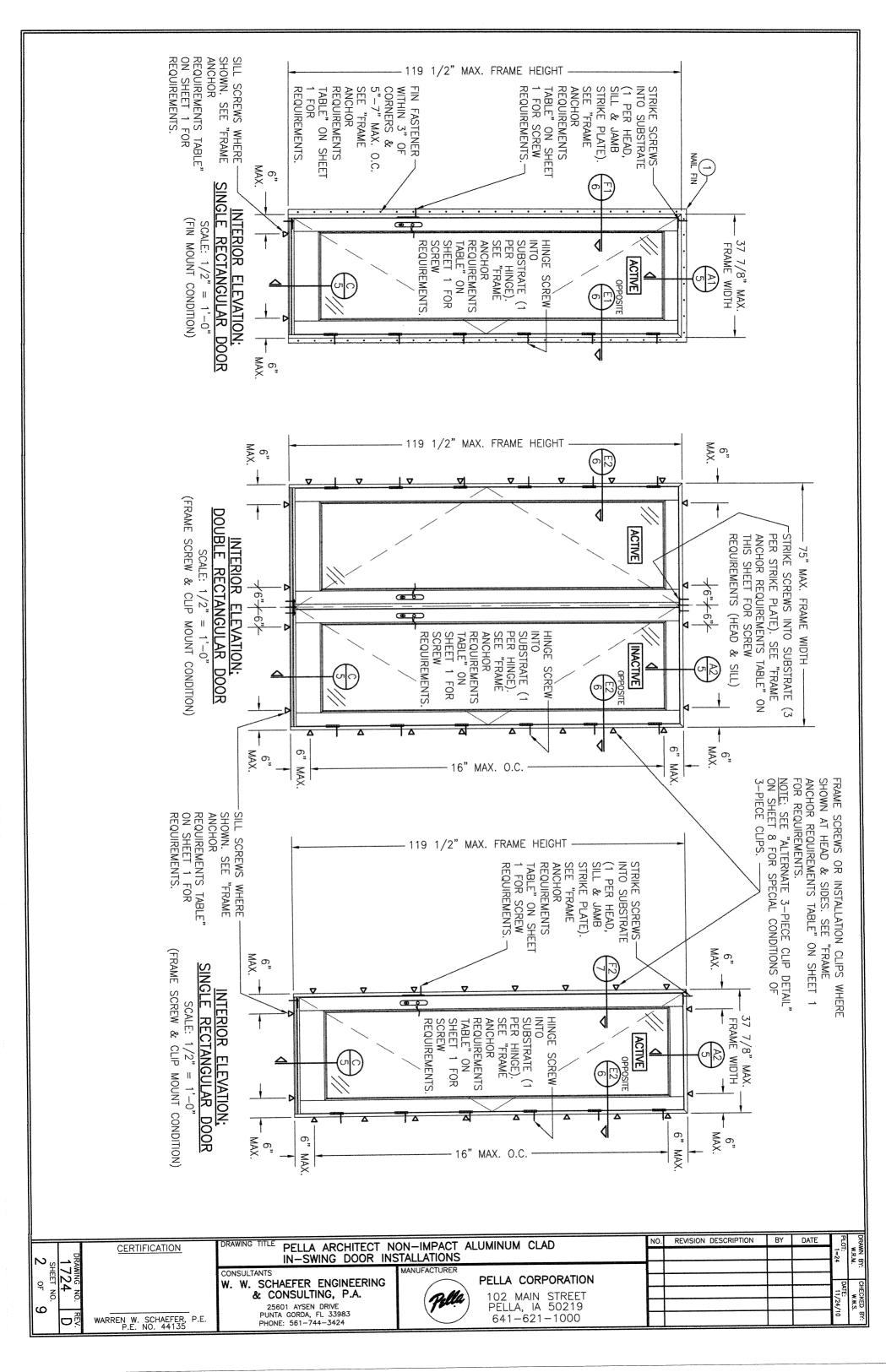
(3) WHEN SCREWS ARE USED WITH THE NAIL FIN, THEY MUST BE A WAFFLE HEAD SCREW OR HAVE A FLAT WASHER AT THE SCREW HEAD.

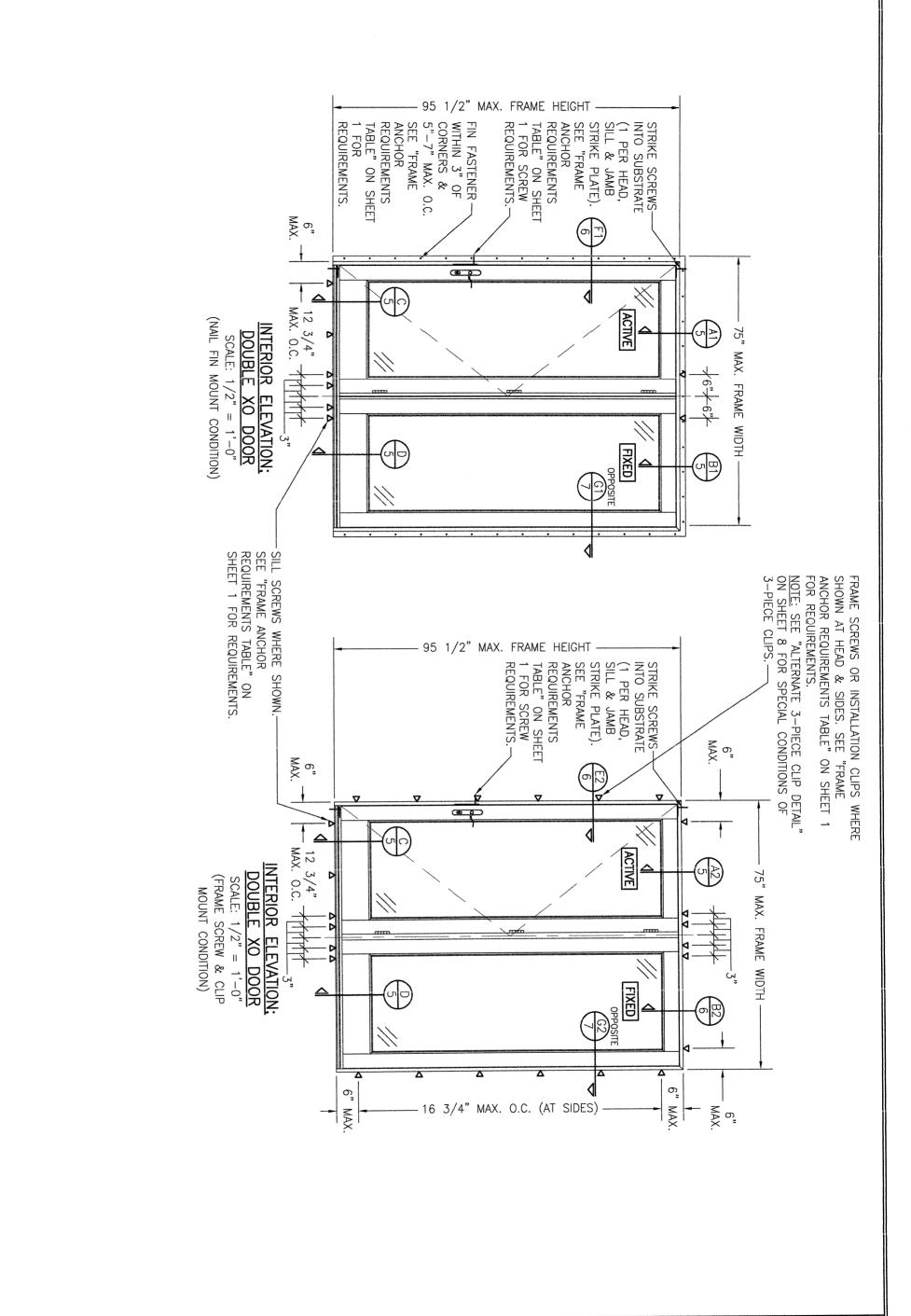
(4) 2X6 BUCKS MAY BE RIPPED DOWN TO MIN 4 3/4" DEPTH EXCEPT WHEN THE STRAIGHT COUNTY ON THE STRAIGHT COUNTY ON THE STRAIGHT COUNTY ON THE STRAIGHT COUNTY ON THE STRAIGHT COUNTY OF THE STRAIGHT COUNTY ON THE STRAIGHT COUNTY OF THE 7. CERTIFICATION OF THESE PRODUCT INSTALLATIONS SHALL BE CONSIDERED VOID 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. 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/QA 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. ALL FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL
SHALL BE BEYOND WALL FINISH OR STUCCO.
 OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO
THE STRUCTURE.
 THESE NON-IMPACT RATED PRODUCT INSTALLATIONS ARE IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE (4) MIN. 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 SPECIFIED 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. (4) MIN. (4) MIN. (4) MIN. 2X6 WOOD FRAME OR BUCK (4) MIN. GENERAL NOTES: MN. 18 ĭ Z MIN. 18 GA. 33 KSI METAL STUD C-90 CMU/2500 PSI CONCRETE C-90 CMU/2500 PSI CONCRETE MIN. 1/8" THK 6063-T5 ALUM. X Z ₹ Z MIN. 1/8" THK 6063-T5 ALUM. MIN. 1/8" THK A36 STEEL 2X6 WOOD FRAME OR BUCK 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55) 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55) (MIN. GR. 3 & G=0.55) 2X6 WOOD FRAME OR BUCK 2X6 WOOD FRAME OR BUCK 1/8" TH MIN. GR. 3 & G=0.55) MIN. GR. 3 & G=0.55) /8" THK 6063-T5 ALUM. 1/8" THK A36 STEEL GA. 33 KSI METAL STUD 1/8" THK A36 STEEL 1/8" THK A36 STEEL GA. 33 KSI METAL STUD /8" THK A36 STEEL OPENING TYPE (SUBSTRATE) THK 6063-T5 ALUM. INSTALLATION CLIP 6063-T5 ALUM. INSTALLATION FRAME ANCHOR REQUIREMENTS TABLE 3 FRAME/SILL SCREWS NAILING FIN FASTENERS No. CLIP NO. NO. NO. 8 GR. 5 SELF TAP/DRILL SCREW NO. 8 GR. 5 SELF TAP/DRILL NO. 8 GR. 5 SELF TAP/DRILL SCREW NO. 8 NO. 8 GR. 5 SELF TAP/DRILL SCREW NO. NO. 8 GR. 5 SELF TAP/DRILL SCREW | FULL FRAME/CUP/NAIL FIN/HINGE/STRIKE TO OPENING FASTENER TYPE (1) 3/16" CONCRETE SCREW SCREWS (BENT & 3-PIECE NO. 10 SMS OR WOOD SCREW NO. 8 SMS OR WOOD SCREW 10 GR. 5 SELF TAP/DRILL
1) 1/4" CONCRETE SCREW 10 GR. 5 SELF TAP/DRILL SCREW
10 GR. 5 SELF TAP/DRILL SCREW œ œ & STRIKE SCREWS GR. 5 GR. 5 SELF TAP/DRILL GR. 5 SCREWS GR. 5 SELF TAP/DRILL SCREW GR. 5 SELF TAP/DRILL NO. 8 X 1 1/2" SMS 11 GA. ROOFING NAIL NO. 8 X 1 1/2" SMS SMS 8 SELF SELF (STRAIGHT TAP/DRILL TAP/DRILL SCREW SCREW SCREW SCREW SCREW SCREW CLIPS MINIMUM 1 1/4" FIL FUL FULL FULL FIL FULL FULL FIL 1/4" 3/8" 1/4" 3/8" 3/8" 3/8" CLIPS 1/4" STRAIGHT CLIP EDGE DIST. (3) N/A (3) N/A (3) N/A 3/4" 1/2" 1/2" 3/4" 1/2" 1/2" 1/2" 3/4" 1/2 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
ENCINEER'S REVIEW & CERTIFICATION. 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 FRAME SCREWS METHOD WHILE 1/2" IF SCREWS ARE ANGLED 15 TO 20 DEGREES AWAY FROM THE DECREASED TO MAY BE EDGE DISTANCE SIDES USE FIN) FRAME WIDTH (IN.) ALLOWABLE DESIGN PRESSURE MAX. 75 75 7/8 7/8 8 DOUBLE OPERABLE DOORS NGLE 119 1/2119 1/2 95 HINGE 95 119 FRAME HEIGHT (IN.) CTIVE/FIXED MAX. FRAME OPERABLE 107.875 119.5" 99.375 PANEL REQUIREMENTS ALLOWABLE PRESSURE POSITIVE (PSF) DOORS **DOORS** 55 6 55 6 DOORS SILL SCREWS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR QUANTITY REQUIREMENTS. NEGATIVE  $\mathcal{G}_{1}$ PANEL 4 (PSF) 40 55 40 70 70 119 1/2" MAX. FRAME HEIGHT ರ್ -FIN FASTENER WITHIN 3" OF "FRAME ,5"-7" MAX. WITHIN 3" O.C. SEE DOUBLE REQUIREMEN TABLE" ON REQUIREMEN CORNERS & ANCHOR THIS SHEET ACTIVE -STRIKE SHEET (HEAD ANCHOR PER ST 75" SCA & SILL) RIOR REQUIREMENTS TABLE" ON 1 FOR SCREW REQUIREMENTS SCREWS INTO SUBSTRATE RIKE PLATE). SEE "FRAME MAX. FRAME WIDTH RECTANGULAR S LE: 1/2'' = 1'-0''S MOUNT CONDITION) 6,4 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 MANUFACTURES STATED ON THESE DRAWINGS. <u>\_\_\_\_</u> **ELEVATION:** ( a p SUBSTRATE (1 PER HINGE). SEE "FRAME HINGE SCREW-THIS SHEET FOR SCREW REQUIREMENTS REQUIREMENTS [ABLE" ON INACTIVE OPPOSITE 6 DOOR (3 MAX on s REVISION DESCRIPTION BY DATE PELLA ARCHITECT NON-IMPACT ALUMINUM CLAD CERTIFICATION ADD ACTIVE/FIXED CONDITION 03/06/1 W.R.M. IN-SWING DOOR INSTALLATIONS 08/28/17 724 UPDATE TO CURRENT STANDARDS CONSULTANTS PELLA CORPORATION UPDATE TO NEW TESTING 06/02/21 W.W.S. W. W. SCHAEFER ENGINEERING 유 NO. 102 MAIN STREET PELLA, IA 50219 w.w.s. 06/19/24 ADDED NEW CLIP INSTALL OPTION & CONSULTING, P.A. 25601 AYSEN DRIVE PUNTA GORDA, FL 33983 PHONE: 561-744-3424 ဖ . SCHAEFER, P.E. NO. 44135





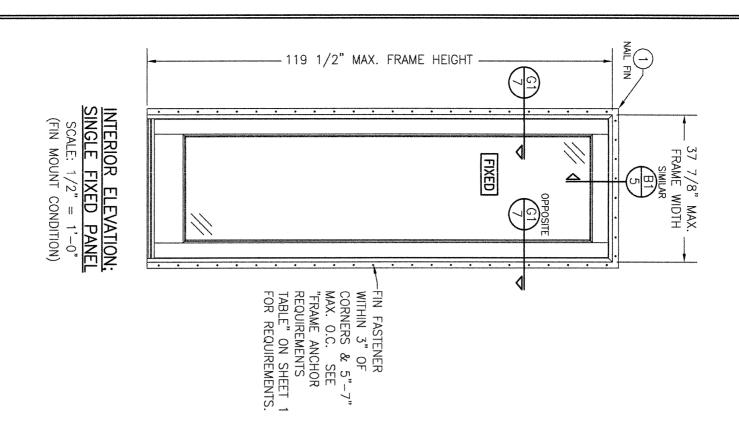
CERTIFICATION

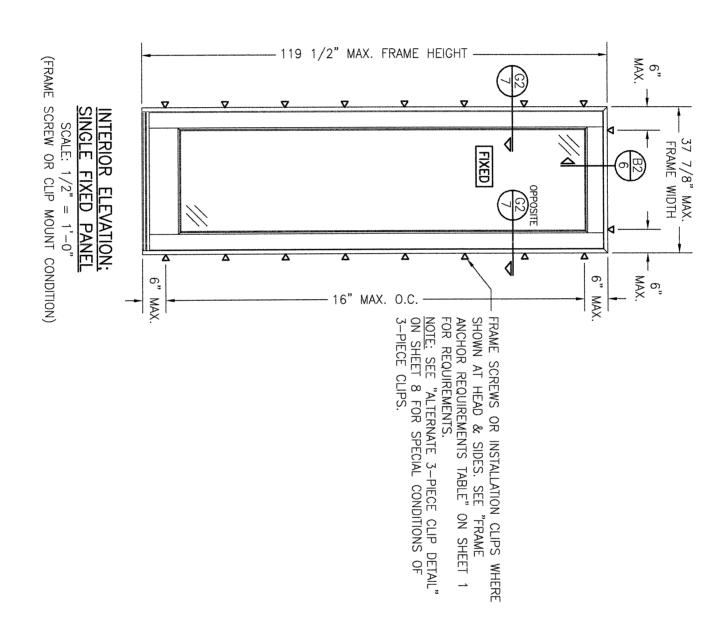
DRAWING TITLE PELLA ARCHITECT NON-IMPACT ALUMINUM CLAD
IN-SWING DOOR INSTALLATIONS

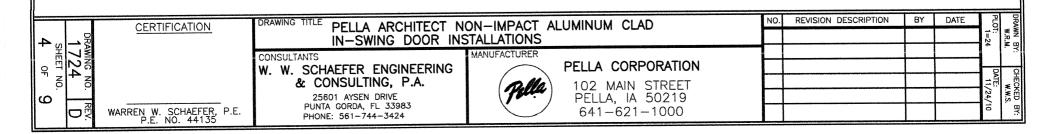
CONSULTANTS
W. W. SCHAEFER ENGINEERING
& CONSULTING, P.A.
25601 AYSEN DRIVE
PUNTA GORDA, FL 33983
PHONE: 561-744-3424

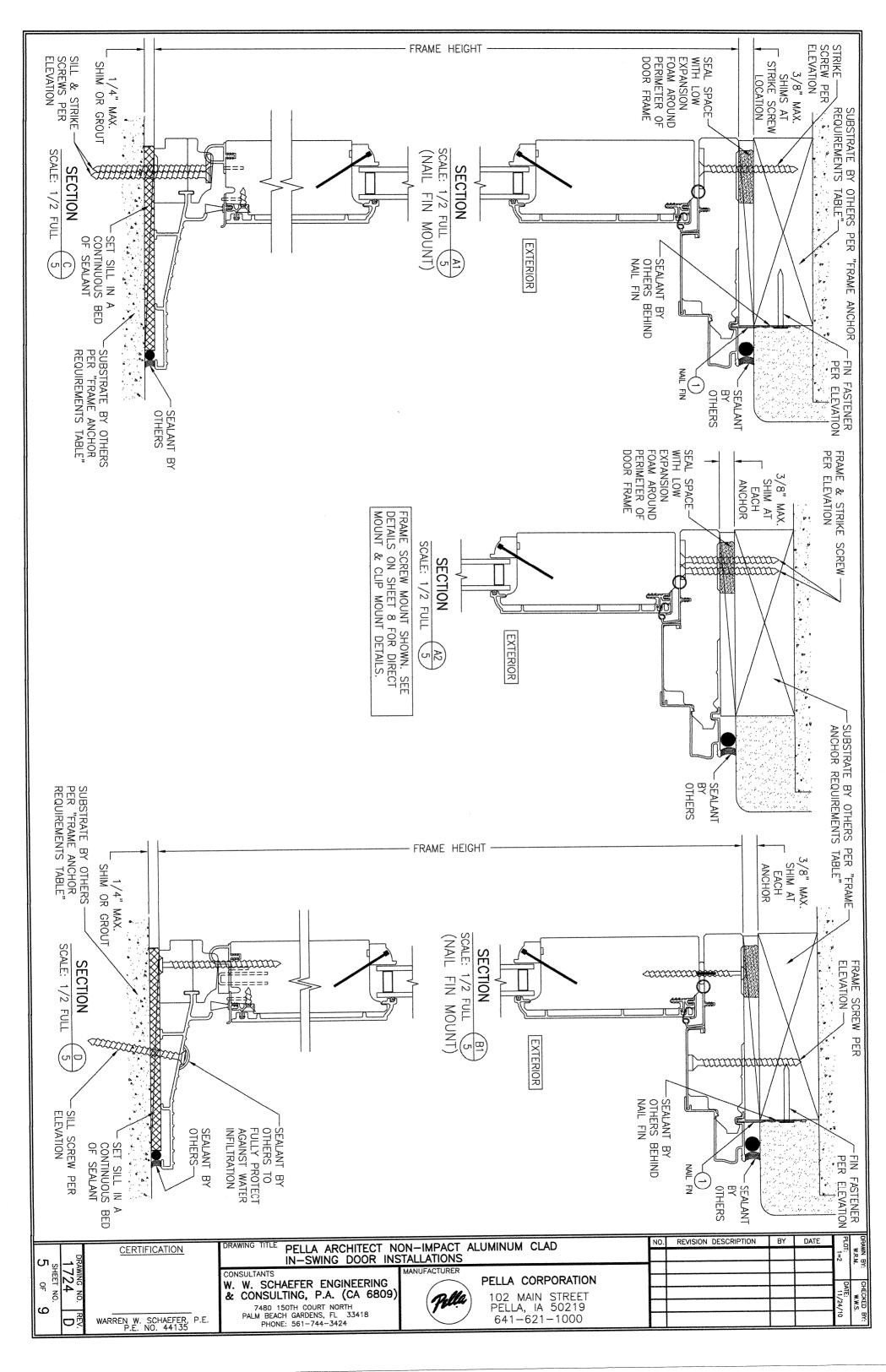
DRAWING TITLE PELLA ARCHITECT NON-IMPACT ALUMINUM CLAD
IN-SWING DOOR INSTALLATIONS

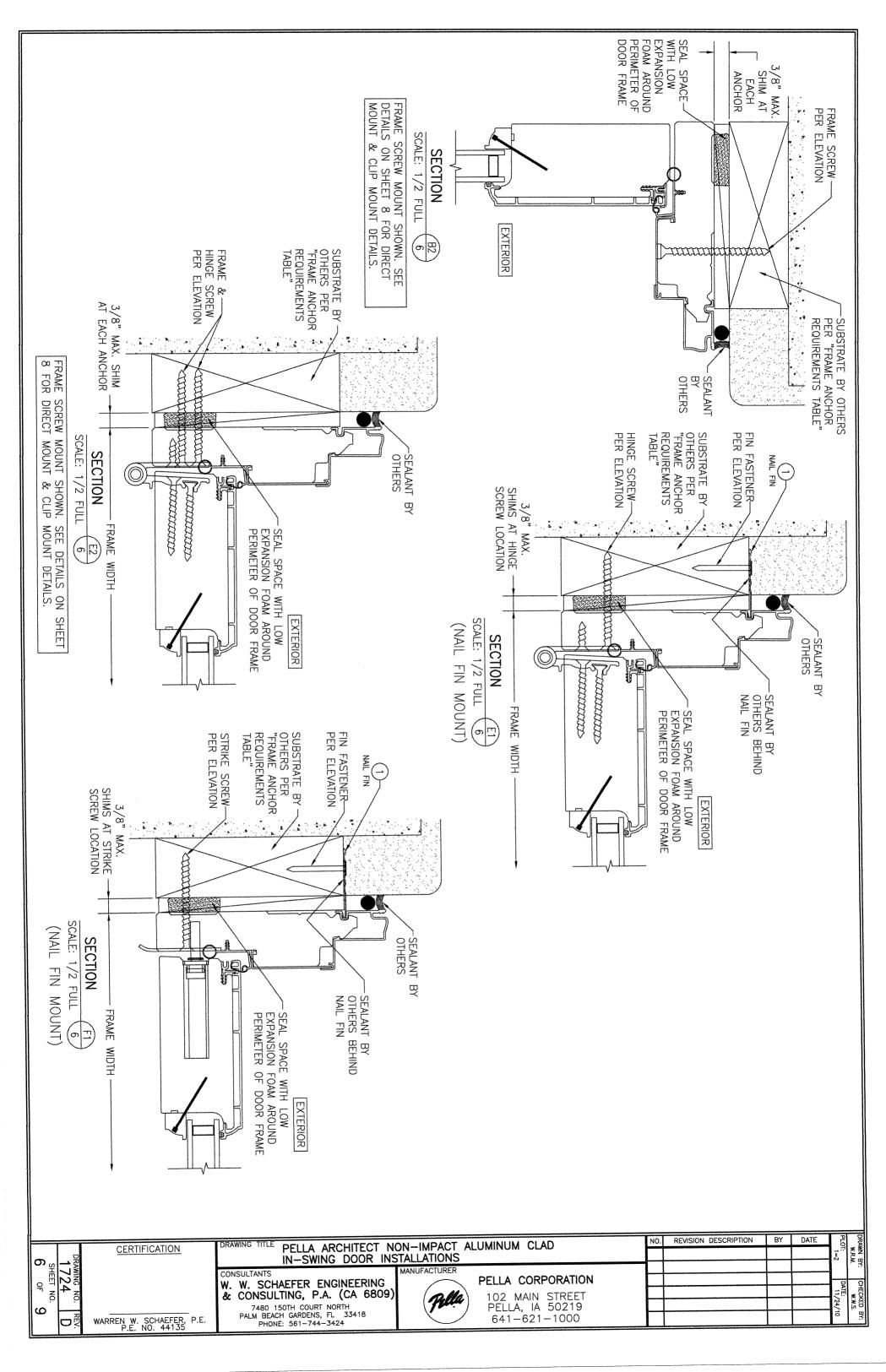
MANUFACTURER
PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219
641-621-1000

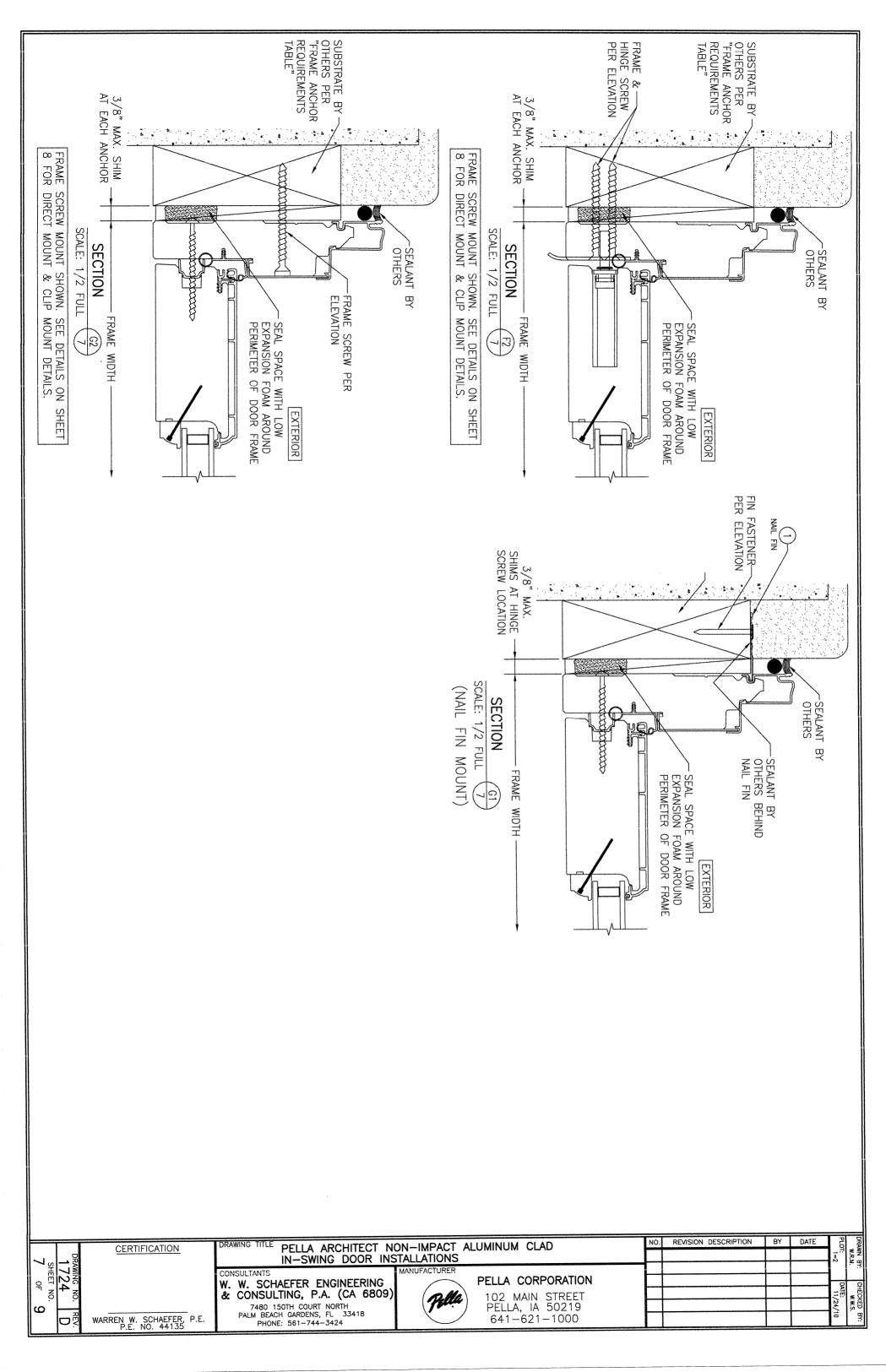


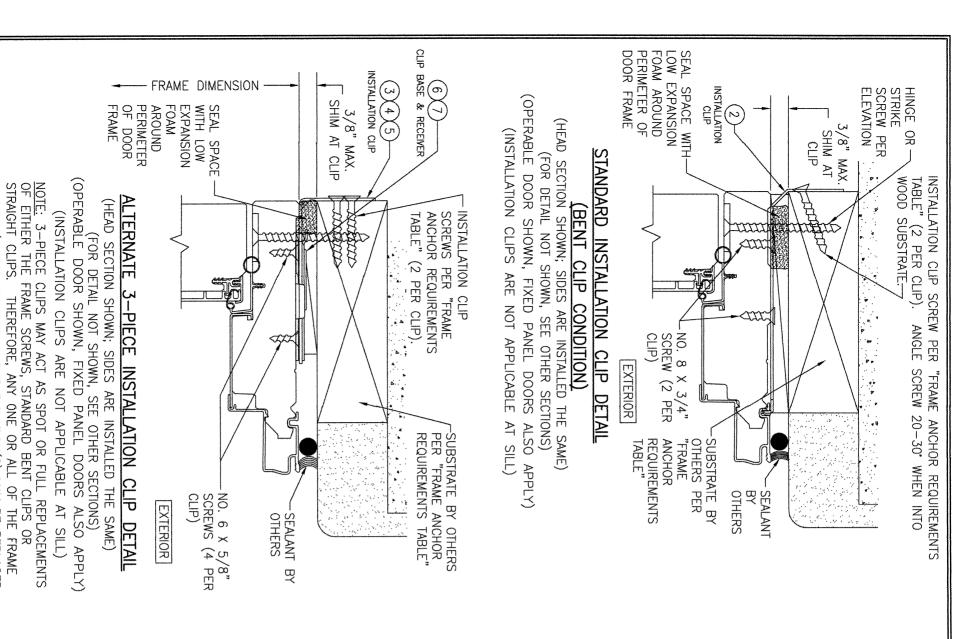


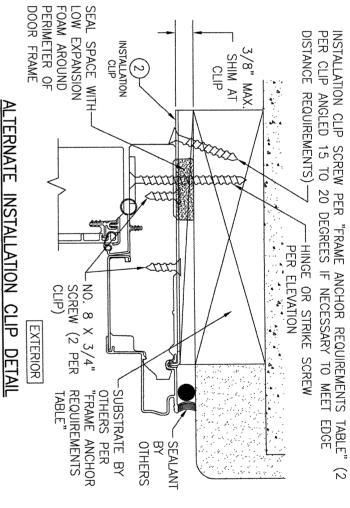








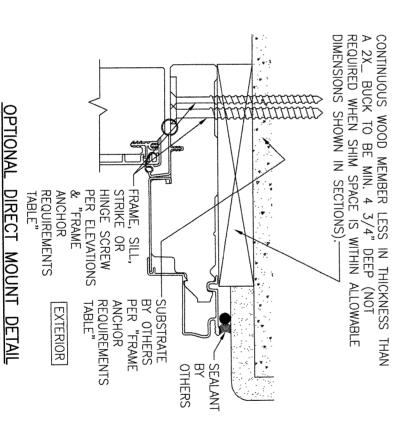




2

## (STRAIGHT CLIP CONDITION)

(OPERABLE DOOR SHOWN, FIXED PANEL DOORS ALSO APPLY) (HEAD SECTION SHOWN; SIDES ARE INSTALLED THE SAME) (INSTALLATION CLIPS ARE NOT APPLICABLE AT SILL) (FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)



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

(OPERABLE DOOR SHOWN, FIXED PANEL DOORS ALSO APPLY)

SCREWS/CLIPS SPECIFIED IN THE ELEVATION(S) MAY BE REPLACED WITH 3-PIECE CLIPS.

CERTIFICATION  $\infty$ 유 9 WARREN W. SCHAEFER, P.E. P.E. NO. 44135

W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)

PHONE: 561-744-3424

DRAWING TITLE

7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418

PELLA ARCHITECT NON-IMPACT ALUMINUM CLAD IN-SWING DOOR INSTALLATIONS

REVISION DESCRIPTION BY DATE PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000

