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.

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.

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

EDGE DIST MINIMUM DRAWING AND SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S

QUALITY ASSURANCE SPECIFICATIONS & TESTING REPORTS.

ST. 7. CERTIFICATION OF THESE PRODUCT INSTALLATIONS SHALL BE
CONSIDERED VOID IF ANY OF THE FOLLOWING APPLY: 1) PRODUCT IS
INSTALLED WITHOUT A BUILDING PERMIT ROM 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
THE PRODUCTS CERTIFICATION SHALL CONTROL FOR THE INSTALLED 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 REGULATION SPECIFICATIONS.

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

1. ALL FASTENERS SHALL SPECIFIED ANCHOR EMBED FINISH OR STUCCO. BE IN ACCORDANCE WITH THESE DRAWINGS. TO BASE MATERIAL SHALL BE BEYOND WALL

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

MANUFACTURER &/OR INSTALLER.

(4) MIN.

WOOD FRAME OR BUCK

GR. 3 & G=0.55)

MIN. 18 GA. 33 KSI METAL

STUD

NO. 12 GR. 5 SELF TAP/DRILL SCREW

NO. 12 SMS OR WOOD SCREW

1 1/4"

3/4"

FULL

1/2"

1/2" /2"

1/8" THK A36 STEEL

(4) MIN.

2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)

C-90

OR 2500 PSI CONCRETE

STRIKE SCREWS

/4" CONCRETE

NO. 8 SMS OR WOOD SCREW

1 1/4"

3/4"

NAIL FIN AND ANCHORING OF NAIL FIN IS OPTIONAL & SHALL NOT ACT AS A

SUBSTITUTE FOR THE

FRAME ANCHORS

FULL FULL

1/2"

6063-T5 ALUM.

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12 GR. 5 SELF TAP/DRILL SCREW
12 GR. 5 SELF TAP/DRILL SCREW

MIN. 1/8" THK 6063-T5 ALUM.

NO. 8 GR. 5 SELF TAP/DRILL SCREW NO. 8 GR. 5 SELF TAP/DRILL SCREW NO. 8 GR. 5 SELF TAP/DRILL SCREW

(5) MIN. C-90 CMU

2500 PSI CONCRETE

INSTALLATION CLIP

**SCREWS** 

CLIPS)

(1) 3/16" CONCRETE SCREW

(1) 3/16" CONCRETE SCREW

MIN. 18 GA. 33 KSI METAL STUD

MIN. 1/8" THK A36 STEEL

(4) MIN.

(MIN. GR. 3 & G=0.55)

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WOOD FRAME OR BUCK

INSTALLATION

NO. 8 GR. 5 SELF TAP/DRILL

SCREW SCREW

FULL

(3) N/A

FILE

HINGE

REQUIREMENTS

SPECIFIED. FIN MAY BE REMOVED WHEN REQUIRED BY OPENING CONDITIONS

MAX. FRAME

QUANTITY PER PANEL

HEIGHT

3/8"

(3) N/A (3) N/A

SCREWS (STRAIGHT CLIPS

GR. 3 & G=0.55)

MIN. 1/8" THK 6063-T5 ALUM.

1/8" THK A36 STEEL

NO.

8 GR. 5 SELF

TAP/DRILL

NO. 8 X 1 1/2" SMS

**4** 

<u>₹</u>

GR. 3 & G=0.55) WOOD FRAME OR BUCK OPENING TYPE (SUBSTRATE)

FRAME/SILL SCREWS

NO. 10 SMS OR WOOD SCREW

FRAME ANCHOR

REQUIREMENTS TABLE

FRAME/CLIP TO OPENING FASTENER TYPE

EMBED

N. 18 GA. 33 KSI METAL STUD MIN. 1/8" THK A36 STEEL N. 1/8" THK 6063—T5 ALUM.

STUD

8 8

10 GR. 5 SELF TAP/DRILL SCREW
10 GR. 5 SELF TAP/DRILL SCREW

FULL

10 GR. 5 SELF TAP/DRILL SCREW

FULL

CONCRETE SCREW

MIN. 2500 PSI CONCRETE

(1) 1/4" CONCRETE SCREW

1 1/2"

MIN. C-90 CMU

## 6" MAX. STRIKE SCREWS INTO SUBSTRATE PER STRIKE PLATE). SEE "FRAME REQUIREMENTS (HEAD & SILL) THIS SHEET FOR SCREW ANCHOR REQUIREMENTS TABLE" 75" MAX. FRAME WIDTH 大·6米·6米 9 ರ್ ರ್ MAX. MAX.

BY

W.W.S

W.W.S

DATE

12/20/1

05/17/18

06/02/2

06/19/24

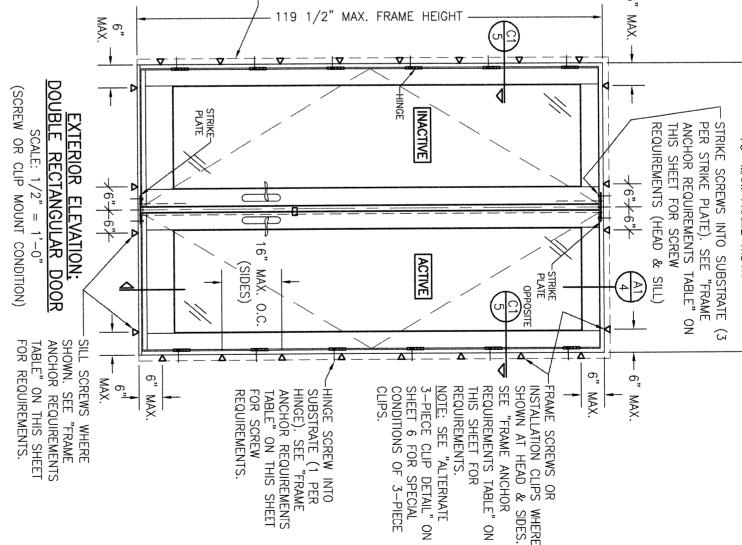
REVISION DESCRIPTION

UPDATE TO CURRENT STANDARD

UPDATE TO CURRENT STANDARDS

ADDED NEW CLIP INSTALL OPTION

UPDATE TO NEW TESTING



## 19 1/2 FRAME HEIGHT MAX. (E) ALLOWABLE DESIGN **PRESSURE** (ALL DOORS) ALLOWABLE PRESSURE POSITIVE (PSF) 50 70 NEGATIVE (PSF) 50 70

(1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS, ELCO CRETE-FLEX, ITW RAMSET/RED HEAD TAPCONS OR HILTI KWIK-CON II (HARDENED STEEL 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) MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)

MIN. 1/8" THK 6063-T5 ALUM.

NO. 8 GR. 5 SELF TAP/DRILL SCREW | FULL

NO. 8 GR. 5 SELF TAP/DRILL SCREW

FULL

1/2"

1/2"

11 GA. ROOFING NAIL

NO. 8 SMS SCREW

1 3/8" 1 3/8"

1/2"

AWAY FROM THE TO 20 DEGREES

MIN. 1/8" THK A36 STEEL

(4) MIN. 2X6 WOOD FRAME OR BUCK

1/8" THK 6063-T5 ALUM.

3

NAILING FIN FASTENERS

FULL FULL

1/2" IF SCREWS ARE ANGLED 15

1/2"

GA. 33 KSI METAL STUD

/8" THK A36

NO. 8

GR. 5

SELF TAP/DRILL SCREW

NO. 8 GR. 5 SELF TAP/DRILL

SCREW

FULL

3/8"

3/4"

EDGE DISTANCE MAY BE

DECREASED TO

99.375" 83.875

107.875

G

119.5"

NO. 8 X 1 1/2" SMS

S O

MIN. GR. 3 & G=0.55)

(4) 2X6 BUCKS MAY BE RIPPED DOWN TO MIN 4 1/4" DEPTH EXCEPT WHEN THE STRAIGHT CLIP INSTALLATION CONDITION APPLIES.

APPLICABLE AT SIDES ONLY.

CONDITIONS SHOWN ON THIS DRAWING ARE GOVERNED BY INSTALLATION REQUIREMENTS ONLY. THE GOVERNING CONDITIONS ON ANY SPECIFIC DOOR SHALL BE THE LESSER OF THOSE SPECIFIED IN THE DOORS STATE APPROVAL OR THAT SHOWN IN THESE

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.

CERTIFICATION SHEET NO. 윾

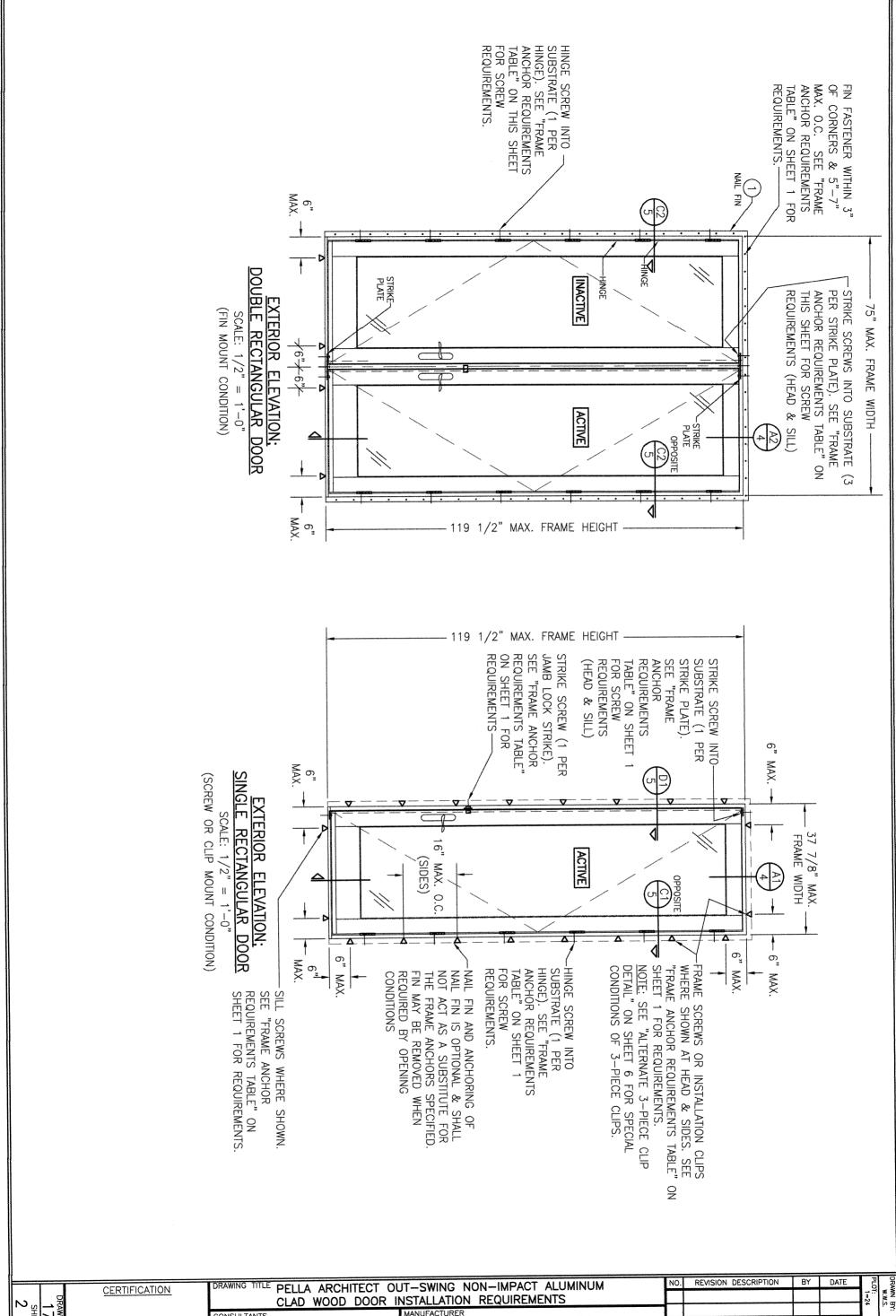
CLAD WOOD DOOR INSTALLATION REQUIREMENTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.

PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219

CONSULTANTS 25601 AYSEN DRIVE PUNTA GORDA, FL 33983 PHONE: 561-744-3424 WARREN W. P.E. . SCHAEFER, P.E. NO. 44135

641-621-1000

PELLA ARCHITECT OUT-SWING NON-IMPACT ALUMINUM



CERTIFICATION

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CLAD WOOD DOOR INSTALLATION REQUIREMENTS

CONSULTANTS

WARREN W. SCHAEFER, P.E.

P.E. NO. 44135

DRAWING TITLE PELLA ARCHITECT OUT—SWING NON—IMPACT ALUMINUM
CLAD WOOD DOOR INSTALLATION REQUIREMENTS

CONSULTANTS

WARNING TITLE PELLA ARCHITECT OUT—SWING NON—IMPACT ALUMINUM
CLAD WOOD DOOR INSTALLATION REQUIREMENTS

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