

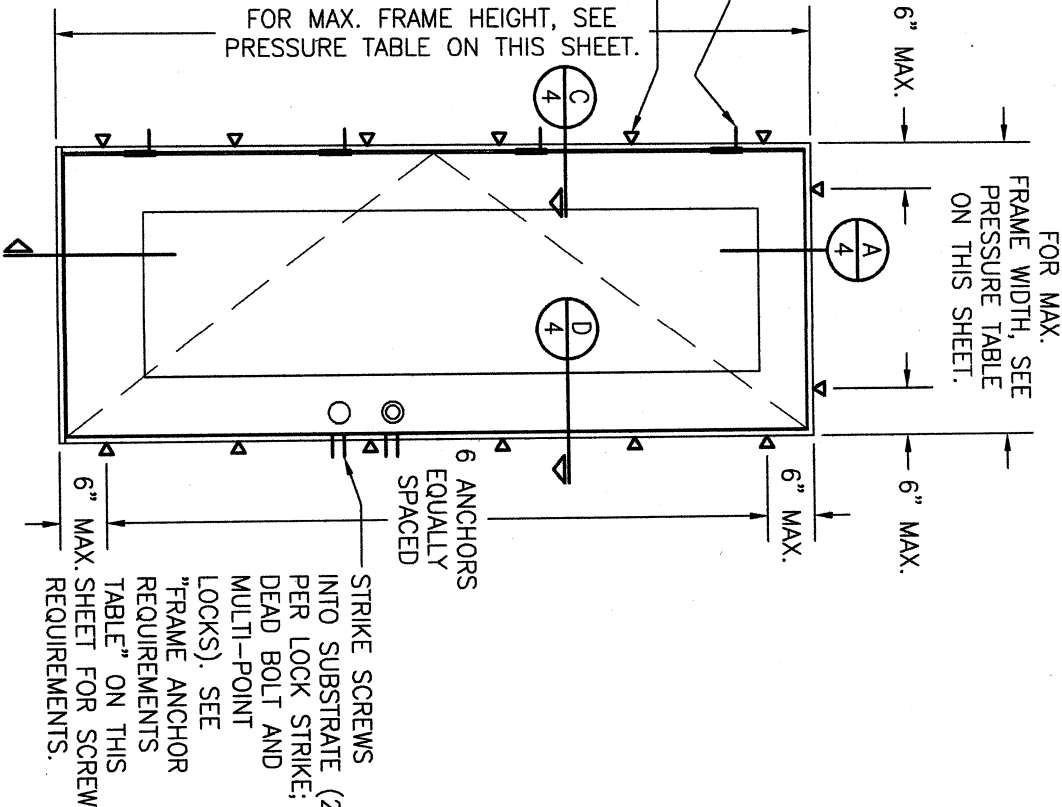
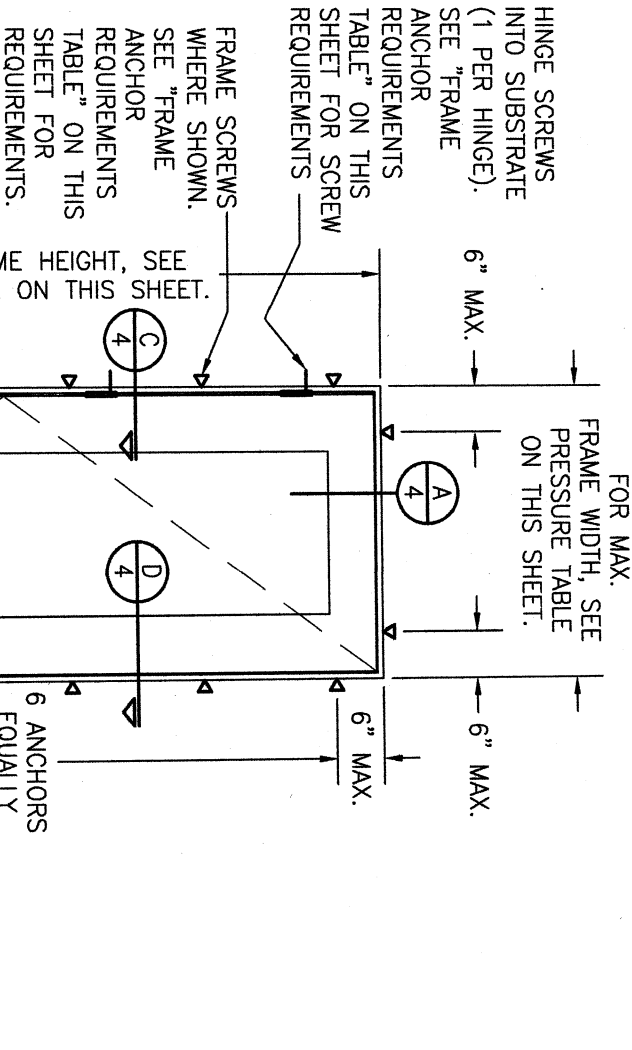
GENERAL NOTES:

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/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.
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<br>(SUBSTRATE)                              | FRAME/FIN TO OPENING FASTENER<br>TYPE | MINIMUM<br>EMBED | MINIMUM<br>EDGE DIST. |
|----------------------------------------------------------|---------------------------------------|------------------|-----------------------|
| FRAME/SILL SCREWS                                        |                                       |                  |                       |
| (2) MIN. 2X_ WOOD FRAME OR BUCK<br>(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                                            | (1) 1/4" CONCRETE SCREW               | 1 1/4"           | 2"                    |
| MIN. 2500 PSI CONCRETE                                   | (1) 1/4" CONCRETE SCREW               | 1 1/2"           | 2"                    |
| HINGE SCREWS                                             |                                       |                  |                       |
| (2) MIN. 2X_ WOOD FRAME OR BUCK<br>(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) 3/16" CONCRETE SCREW              | 1 1/4"           | 2"                    |
| LOCK STRIKE SCREWS                                       |                                       |                  |                       |
| (2) MIN. 2X_ WOOD FRAME OR BUCK<br>(MIN. GR. 3 & G=0.55) | NO. 8 SMS OR WOOD SCREW               | 1 1/4"           | 5/8"                  |
| 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"                  |
| MIN. C-90 CMU OR 2500 PSI CONCRETE                       | (1) 3/16" CONCRETE SCREW              | 1 1/4"           | 2"                    |



EXTERIOR ELEVATION:

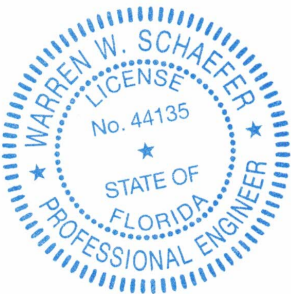
SINGLE PANEL SWING DOOR

SCALE: 1/2" = 1'-0"

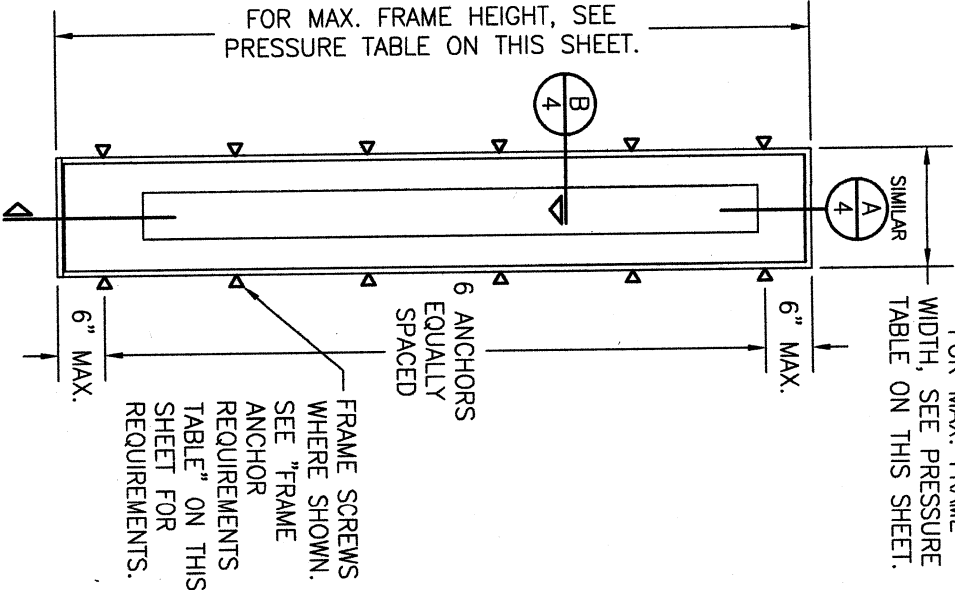
| ALLOWABLE DESIGN PRESSURE<br>(SINGLE X PANEL DOOR UNIT) |                         |                              |
|---------------------------------------------------------|-------------------------|------------------------------|
| MAX. FRAME WIDTH (IN.)                                  | MAX. FRAME HEIGHT (IN.) | ALLOWABLE PRESSURE (+/- PSF) |
| 37 1/2                                                  | 80 7/8                  | 45                           |
| 37 1/2                                                  | 96 7/8                  | 40                           |

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

Warren W  
Schaefer  
2023.11.14  
10:35:32  
-05'00'



FOR MAX. FRAME HEIGHT, SEE PRESSURE TABLE ON THIS SHEET.



EXTERIOR ELEVATION:

SINGLE FIXED PANEL DOOR

SCALE: 1/2" = 1'-0"

| ALLOWABLE DESIGN PRESSURE<br>(SINGLE O PANEL DOOR UNIT) |                         |                              |
|---------------------------------------------------------|-------------------------|------------------------------|
| MAX. FRAME WIDTH (IN.)                                  | MAX. FRAME HEIGHT (IN.) | ALLOWABLE PRESSURE (+/- PSF) |
| 15 1/2                                                  | 80 7/8                  | 45                           |
| 15 1/2                                                  | 96 7/8                  | 40                           |

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**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.

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.

| NO. | REVISION DESCRIPTION       | BY     | DATE     |
|-----|----------------------------|--------|----------|
| A1  | UPDATE BOARDER INFORMATION | W.W.S. | 11/14/23 |

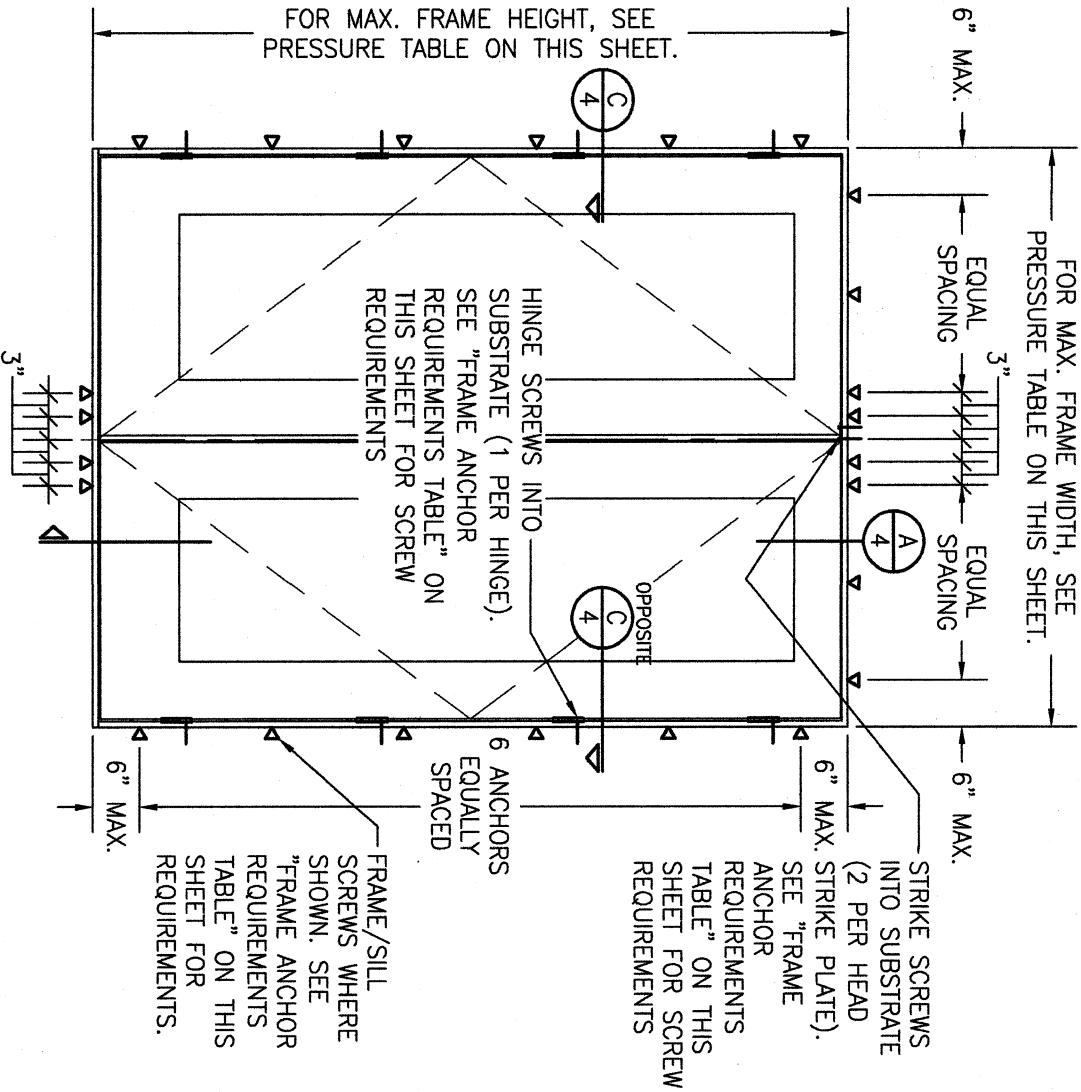
DRAWING TITLE: PELLA ENTRY DOORS NON-IMPACT OUT-SWING FIBERGLASS PANEL COMPOSITE FRAME DOORS

CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.  
26376 NADIR ROAD, UNIT 309  
PUNTA GORDA, FL 33983  
PHONE: 561-744-3424

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

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

DRAWING NO.: 1974  
SHEET NO.: 1 OF 4



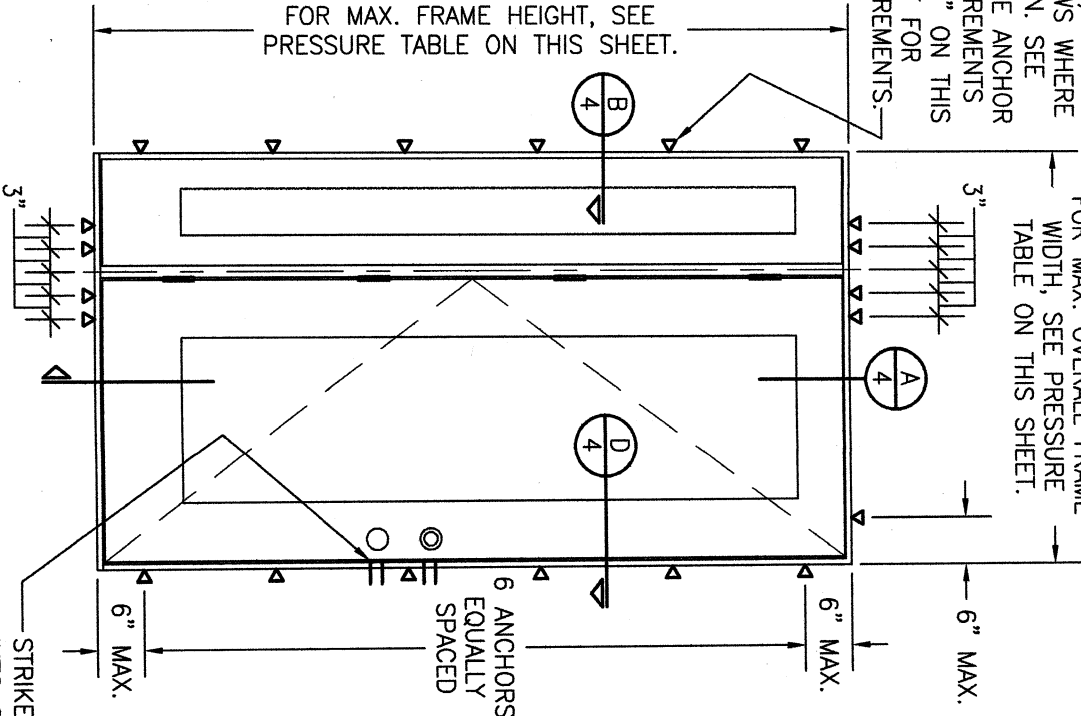
EXTERIOR ELEVATION:  
DOUBLE PANEL SWING DOOR

SCALE: 1/2" = 1'-0"

ALLOWABLE DESIGN  
PRESSURE  
(XX DOOR UNIT)

| MAX.<br>FRAME<br>WIDTH<br>(IN.) | MAX.<br>FRAME<br>HEIGHT<br>(IN.) | ALLOWABLE<br>PRESSURE<br>(+/- PSF) |
|---------------------------------|----------------------------------|------------------------------------|
| 74                              | 80 7/8                           | 45                                 |
| 74                              | 96 7/8                           | 40                                 |

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



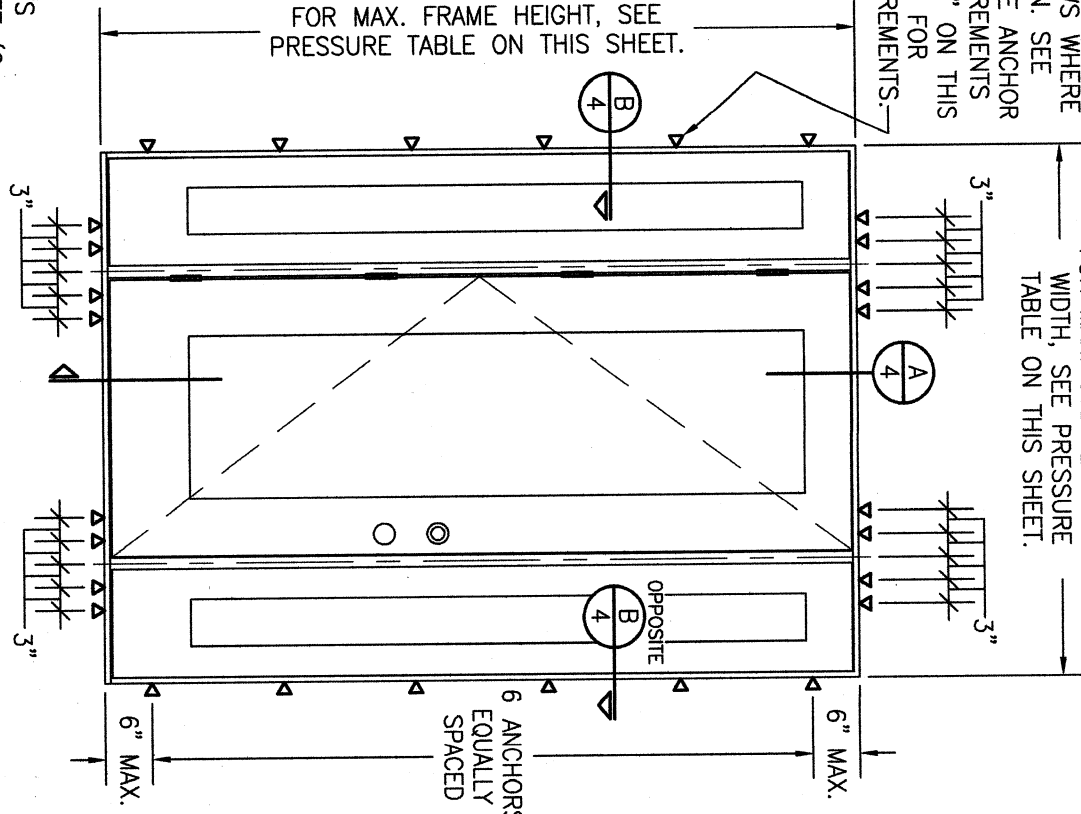
EXTERIOR ELEVATION:  
OX OR XO DOOR

SCALE: 1/2" = 1'-0"

ALLOWABLE DESIGN  
PRESSURE  
(OX & XO DOOR UNITS)

| MAX.<br>FRAME<br>WIDTH<br>(IN.) | MAX.<br>FRAME<br>HEIGHT<br>(IN.) | ALLOWABLE<br>PRESSURE<br>(+/- PSF) |
|---------------------------------|----------------------------------|------------------------------------|
| 53                              | 80 7/8                           | 45                                 |
| 53                              | 96 7/8                           | 40                                 |

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



EXTERIOR ELEVATION:  
OXO DOOR

SCALE: 1/2" = 1'-0"

ALLOWABLE DESIGN  
PRESSURE  
(OXO DOOR UNIT)

| MAX.<br>FRAME<br>WIDTH<br>(IN.) | MAX.<br>FRAME<br>HEIGHT<br>(IN.) | ALLOWABLE<br>PRESSURE<br>(+/- PSF) |
|---------------------------------|----------------------------------|------------------------------------|
| 68 1/2                          | 80 7/8                           | 45                                 |
| 68 1/2                          | 96 7/8                           | 40                                 |

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

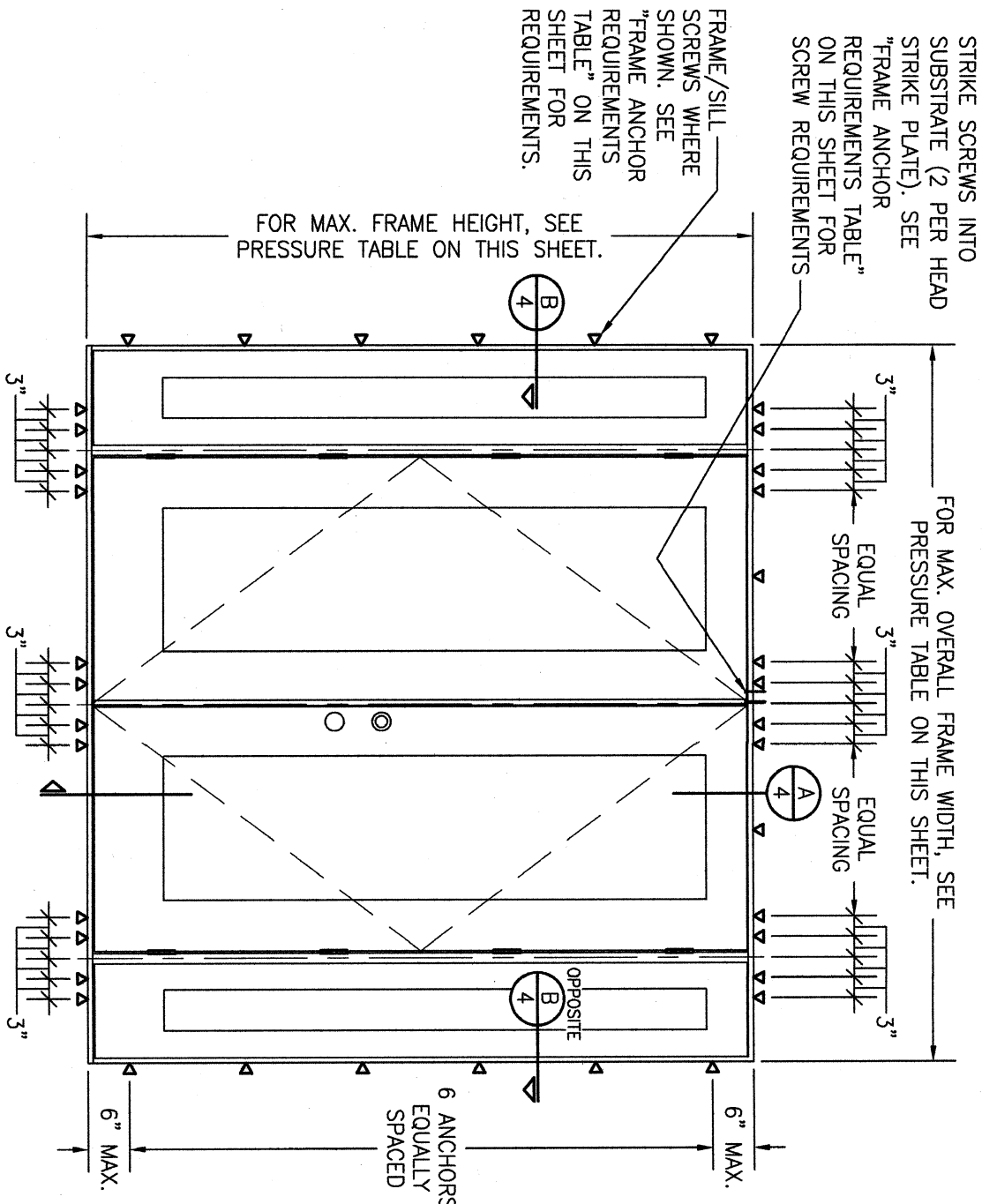
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PELLA, IA 50219  
641-621-1000

CONSULTANTS  
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PHONE: 561-744-3424

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



**EXTERIOR ELEVATION:  
OXXO DOOR**

SCALE: 1/2" = 1'-0"

| ALLOWABLE DESIGN PRESSURE<br>(OXXO DOOR UNIT) |                         |                              |
|-----------------------------------------------|-------------------------|------------------------------|
| MAX. FRAME WIDTH (IN.)                        | MAX. FRAME HEIGHT (IN.) | ALLOWABLE PRESSURE (+/- PSF) |
| 105                                           | 80 7/8                  | 45                           |
| 105                                           | 96 7/8                  | 40                           |

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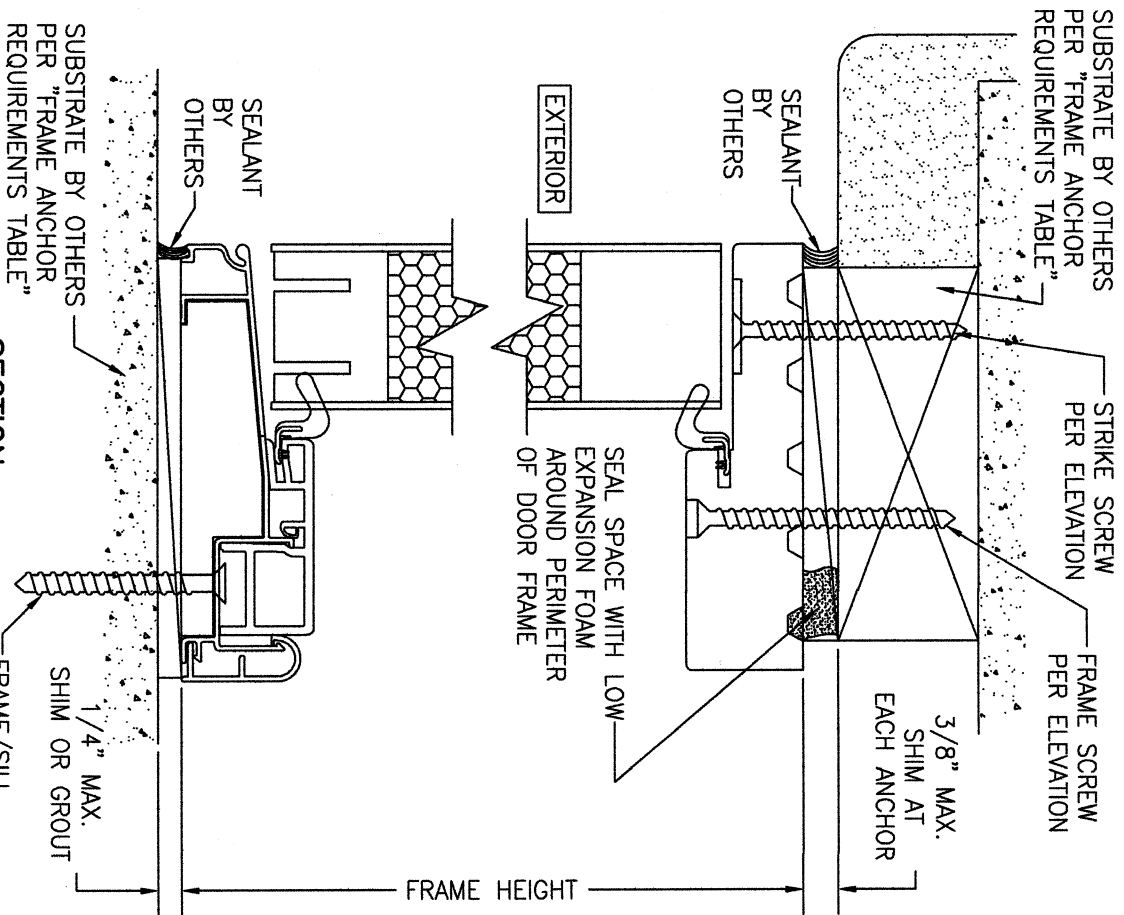
**DRAWING TITLE** PELLA ENTRY DOORS NON-IMPACT OUT-SWING FIBERGLASS PANEL COMPOSITE FRAME DOORS

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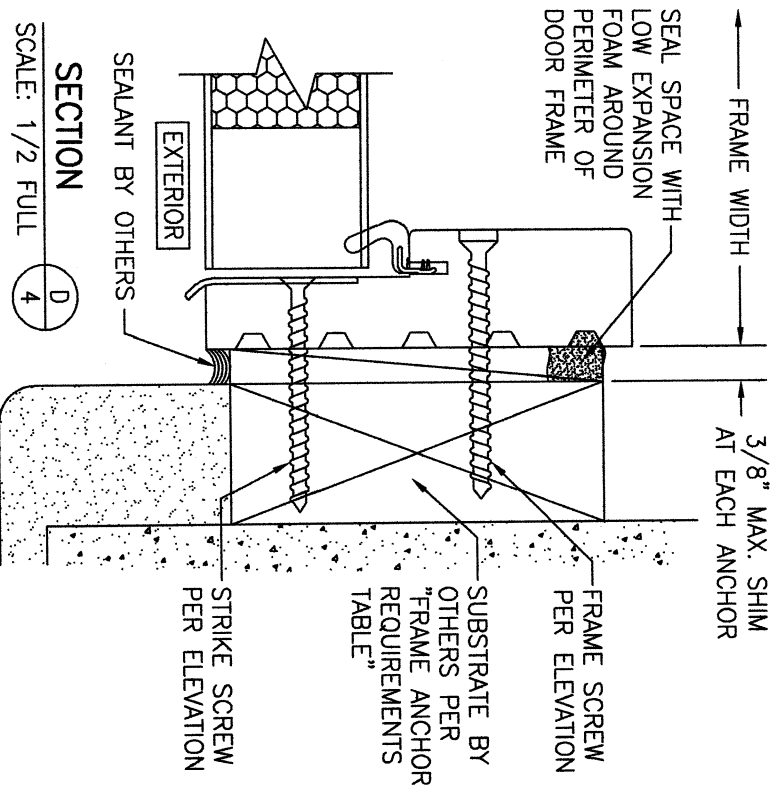
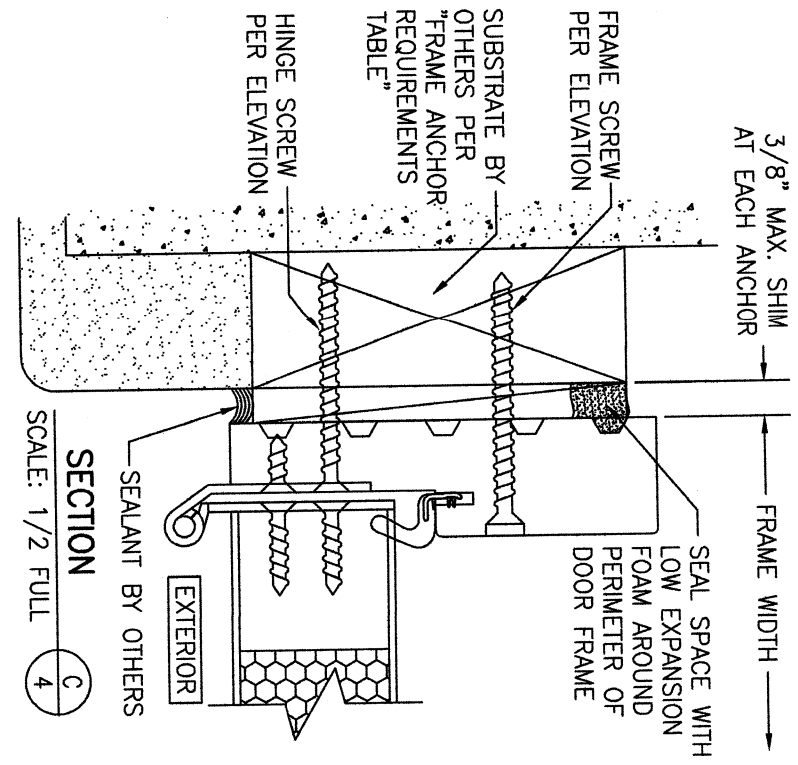
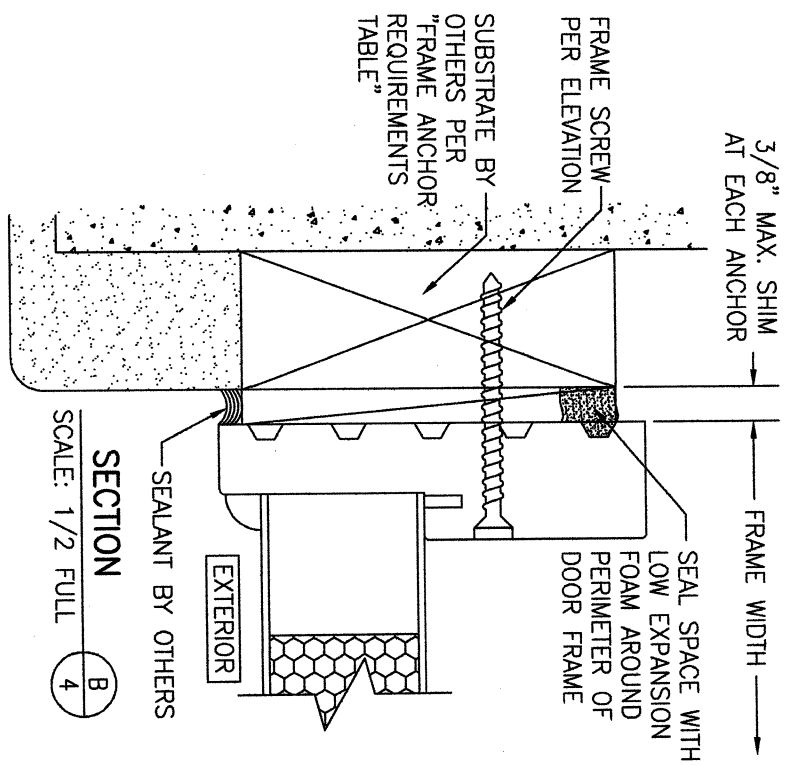
**MANUFACTURER**  
 PELLA CORPORATION  
102 MAIN STREET  
PELLA, IA 50219  
641-621-1000

**CERTIFICATION**

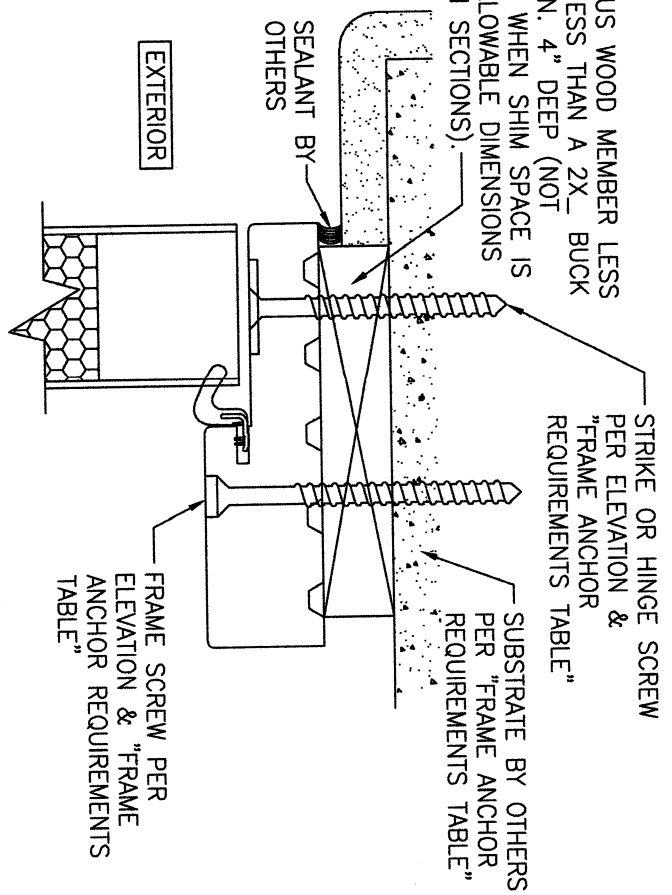
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P.E. NO. 44135



BRICKMOLD IS NOT SHOWN BUT MAY BE USED IN ADDITION TO ANCHORS SHOWN.



CONTINUOUS WOOD MEMBER LESS IN THICKNESS THAN A 2X BUCK TO BE MIN. 4" DEEP (NOT REQUIRED WHEN SHIM SPACE IS WITHIN ALLOWABLE DIMENSIONS SHOWN IN SECTIONS).



| NO. | REVISION | DESCRIPTION | BY | DATE     |
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DRAWING NO. **1974** REV. **A**  
SHEET NO. **4** OF **4**