

| REV | CHG | SHT | REVISIONS | CO | DWN | ENG | DATE |
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|     |     |     |           |    |     |     |      |
|     |     |     |           |    |     |     |      |

COMPONENT QUALITY INFORMATION:  
REFER TO DOCUMENT PDS688 AND PELLA SUPPLIER QUALITY MANUAL  
FOR APPLICATION AND DEFINITION OF THESE SYMBOLS.  
[C] INDICATES CRITICAL DIMENSIONS  
[K] INDICATES KEY DIMENSIONS

Addendum to Certification  
Certification No.: NI014620.14  
Reviewed by: TDW  
Date Reviewed: 04/03/2020

3-31-2020

*Handwritten signature*

# PELLA CORPORATION

102 MAIN STREET, PELLA, IOWA 50219

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J.HOUSER  
ENGR.:  
H.ANDERSON  
DATE CREATED:  
3/25/2020

CLASS:  
DRW - ASSEMBLY - UNIT  
FILE NAME:  
DES-000065045.DFT  
ECO:  
C42715

TOLERANCES UNLESS  
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CERTIFICATION,,,,F-PASS, 8" IMPACT OPAQUE PANEL DB LOCK

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# FIBERGLASS OPAQUE DOOR UNIT 8'-0" DOUBLE DOOR WITH / WITHOUT SIDELITES

## GENERAL NOTES

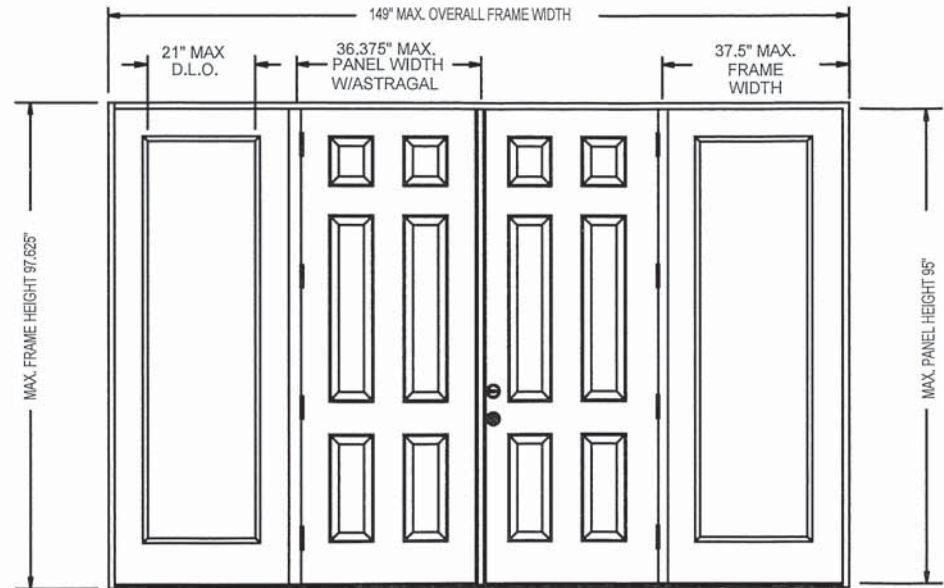
1. EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE, EXCLUDING THE HIGH VELOCITY HURRICANE ZONE AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, DOES NOT EXCEED THE DESIGN PRESSURES LISTED.
2. WHEN INSTALLED IN THE WIND-BORNE DEBRIS REGION, HURRICANE PROTECTIVE SYSTEM (SHUTTERS) IS NOT REQUIRED.

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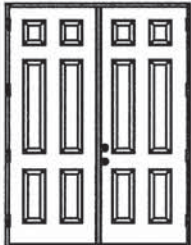
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DOUBLE DOOR UNIT W/SIDELITES



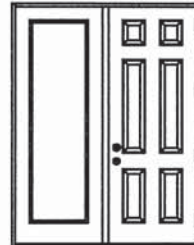
SINGLE DOOR UNIT



DOUBLE DOOR UNIT



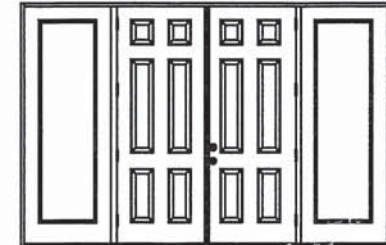
SINGLE DOOR UNIT  
WITH SIDELITE



SINGLE DOOR UNIT  
WITH SIDELITE



SINGLE DOOR UNIT W/SIDELITES



DOUBLE DOOR UNIT W/SIDELITES

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|-------------------|------------------------------------|
| SHEET #           | DESCRIPTION                        |
| 1                 | TYPICAL ELEVATIONS & GENERAL NOTES |
| 2                 | ANCHORING LOCATIONS & DETAILS      |
| 3                 | ANCHORING LOCATIONS & DETAILS      |
| 4                 | ANCHORING LOCATIONS & DETAILS      |

| DESIGN PRESSURE RATING |           |               |               |
|------------------------|-----------|---------------|---------------|
| CONFIG                 | MAX WIDTH | INSWING       | OUTSWING      |
| X                      | 37.5"     | +40.0 / -45.0 | +45.0 / -40.0 |
| XX                     | 74"       | +40.0 / -45.0 | +45.0 / -40.0 |
| OX or XO               | 75"       | +40.0 / -45.0 | +45.0 / -40.0 |
| OXO                    | 112.5"    | +40.0 / -45.0 | +45.0 / -40.0 |
| OXO                    | 149"      | +40.0 / -45.0 | +45.0 / -40.0 |

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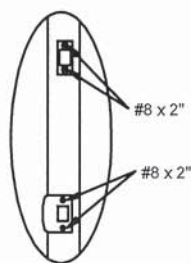
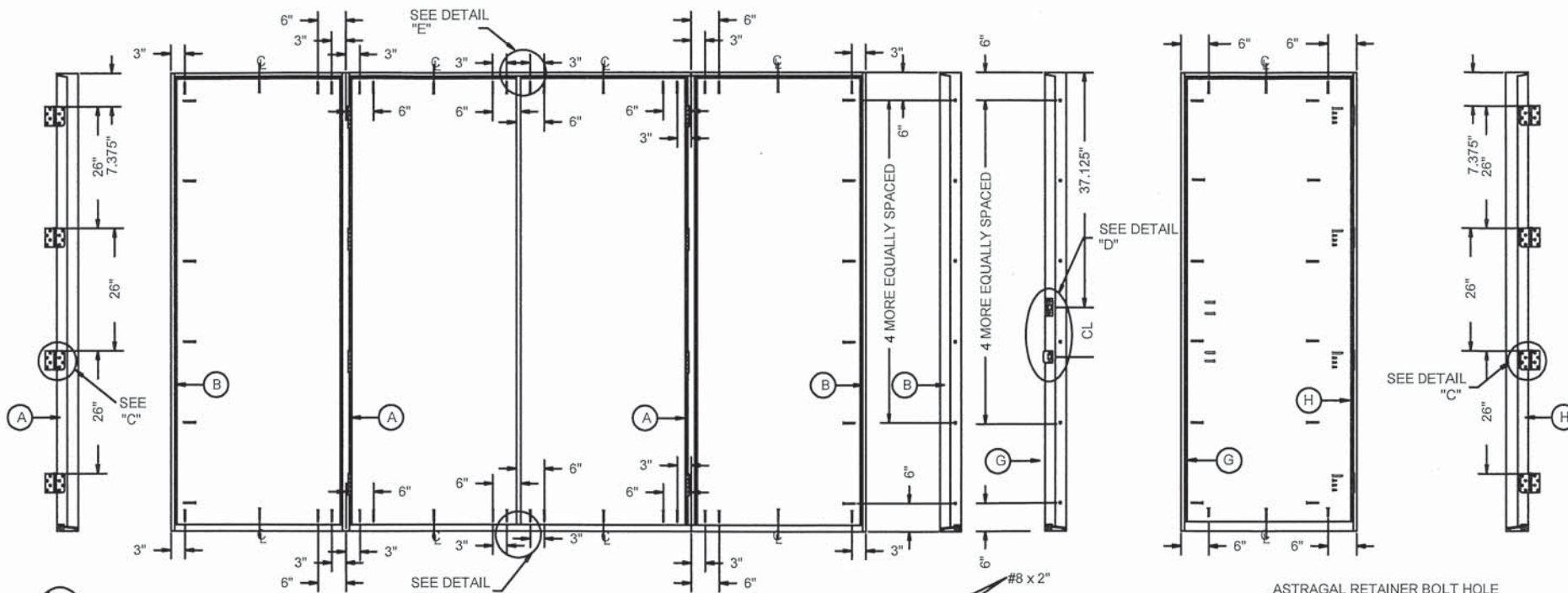
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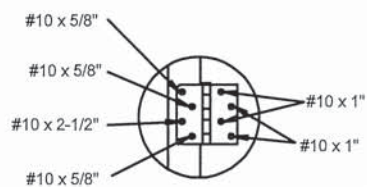
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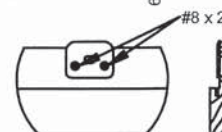
K.T. B. B.



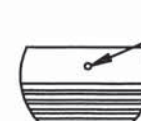
DETAIL "D"



DETAIL "C"



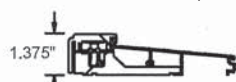
DETAIL "E" ASTRAGAL  
ATTACH ASTRAGAL RETAINER BOLT  
STRIKE PLATE TO FRAME  
AS SHOWN.



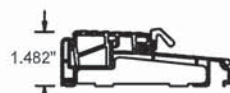
DETAIL "F" ASTRAGAL

ASTRAGAL RETAINER BOLT HOLE  
MUST BE DRILLED THROUGH  
THE THRESHOLD & INTO THE  
STRUCTURE DEEP ENOUGH  
FOR A 1.375" THROW

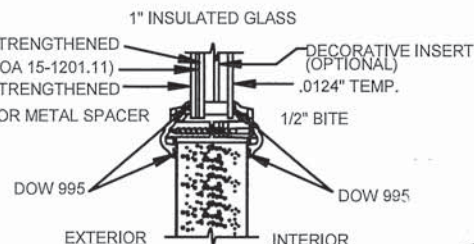
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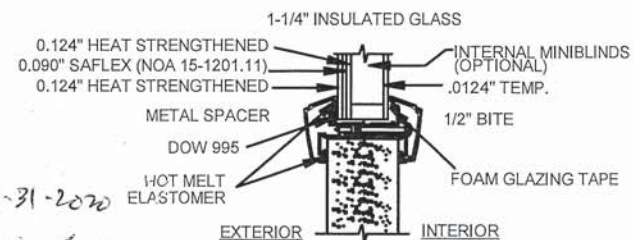
INSWING THRESHOLD



Z-SERIES O/S THRESHOLD



TYPICAL GLAZING DETAIL  
IMPACT RATED GLASS



ALTERNATE GLAZING DETAIL  
IMPACT RATED GLASS

3-31-2020  
KJL BUD

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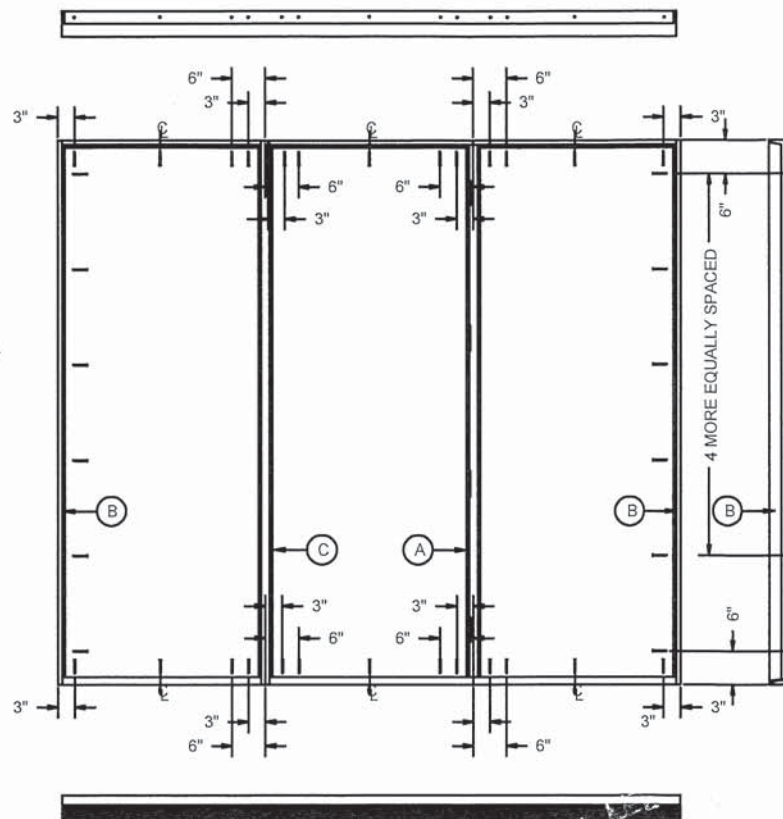
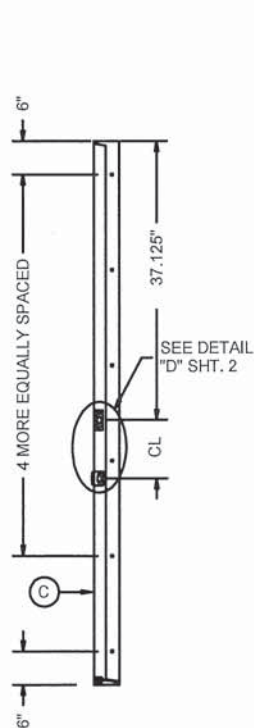
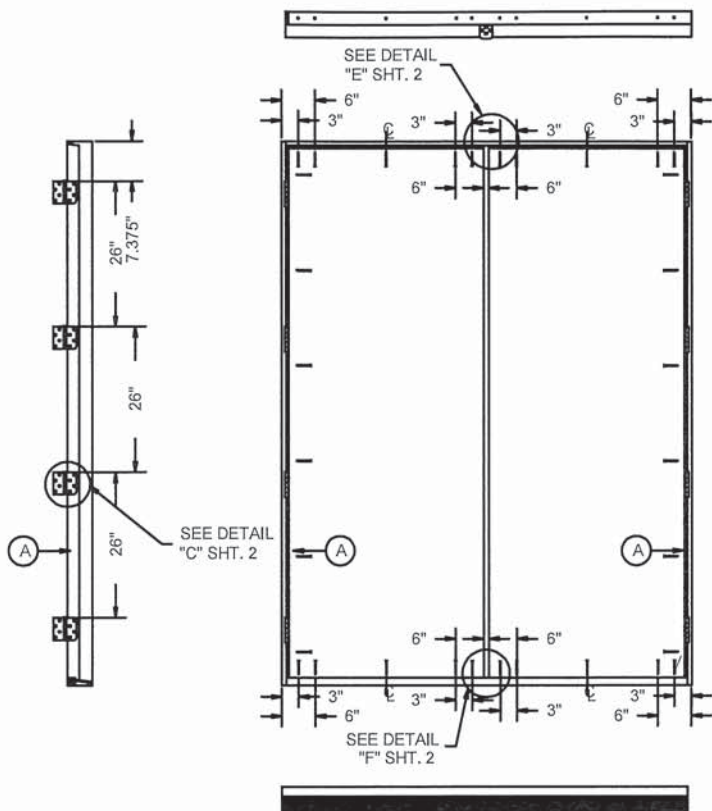
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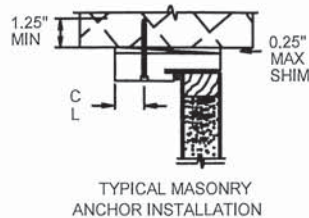
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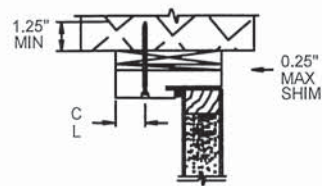
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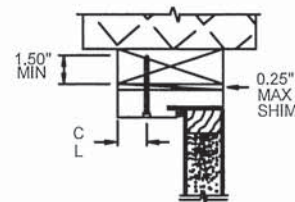
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TYPICAL MASONRY  
ANCHOR INSTALLATION



1X BUCK MASONRY  
ANCHOR INSTALLATION



TYPICAL WOOD BUCK  
ANCHOR INSTALLATION

#### ATTACHMENT DETAIL

1. ANCHOR ANALYSIS FOR LOADING CONDITIONS PREPARED, SIGNED AND SEALED BY ROBERTO LOMAS, PE (FLORIDA #62514) WITH THE LOWEST (LEAST) FASTENER RATING FROM THE DIFFERENT FASTENERS BEING CONSIDERED FOR USE. JAMB, HEAD, AND THRESHOLD FASTENERS ANALYZED FOR THIS UNIT INCLUDE #10 WOOD SCREWS, 1/4" TAPCONS, AND #10 TEK SCREWS. A PHYSICAL SHIM MUST BE PLACED IN SHIM SPACE AT EACH ANCHOR LOCATION. TAPCON EDGE DISTANCE MIN 2-1/2". WOOD SCREW EDGE DISTANCE MIN 3/4". TEK SCREW EDGE DISTANCE MIN 1/2".
2. ANCHORING INTO STEEL STRUCTURE MUST BE SUFFICIENT TO ACHIEVE 3 THREADS MINIMUM BEYOND STEEL INTERIOR SURFACE.
3. THE WOOD SCREW SINGLE SHEAR DESIGN VALUES COME FROM ANSI/AF&PA NDA FOR SOUTHERN PINE LUMBER AND ACHIEVEMENT OF 1-1/2" MINIMUM EMBEDMENT. THE TAPCON MUST ACHIEVE MINIMUM EMBEDMENT OF 1-1/4".
4. WOOD BUCKS BY OTHERS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO STRUCTURE.
5. MINIMUM DESIGN VALUE STRENGTH OF ANCHORS 155 LBS.

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#### HARDWARE SCHEDULE

|     |                                                                                                             |
|-----|-------------------------------------------------------------------------------------------------------------|
| 1.  | PELLA ESSENTIALS GRADE 3 CYLINDRICAL LATCH AND GRADE 1 CYLINDRICAL DEADBOLT TO BE INSTALLED AT 10-1/2" C/L. |
| 1a. | BALDWIN RESERVE CYLINDRICAL LATCH AND BALDWIN RESERVE CYLINDRICAL DEADBOLT TO BE INSTALLED AT 10-1/2" C/L.  |
| 2.  | 4" X 4" FULL MORTISE BUTT HINGES.                                                                           |

(4) #10X2-1/2"  
WOOD SCREWS  
EACH END



INTEGRAL WW  
MULLION (CHS)

3-31-2020

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