

REV	CHG	SHT	REVISIONS	CO	DWN	ENG	DATE

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

3-31-2020
KTL Bch

Addendum to Certification
Certification No.: NI014620.10
Reviewed by: TDW
Date Reviewed: 04/03/2020

PELLA CORPORATION

102 MAIN STREET, PELLA, IOWA 50219

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DRAWN:
J.HOUSER

ENGR.:
H.ANDERSON

DATE CREATED:
2/18/2020

CLASS:

DRW - ASSEMBLY - UNIT

FILE NAME:
DES-000063673.DFT

ECO:
C42715

TOLERANCES UNLESS
OTHERWISE NOTED

X = ± X.X
.XX = ± X.XX
.XXX = ± X.XXX
ANGLES = ± X.X°
UNITS ARE IN INCHES

CERTIFICATION,,,,F-PASS, 8" IMPACT GLAZED DB LOCK

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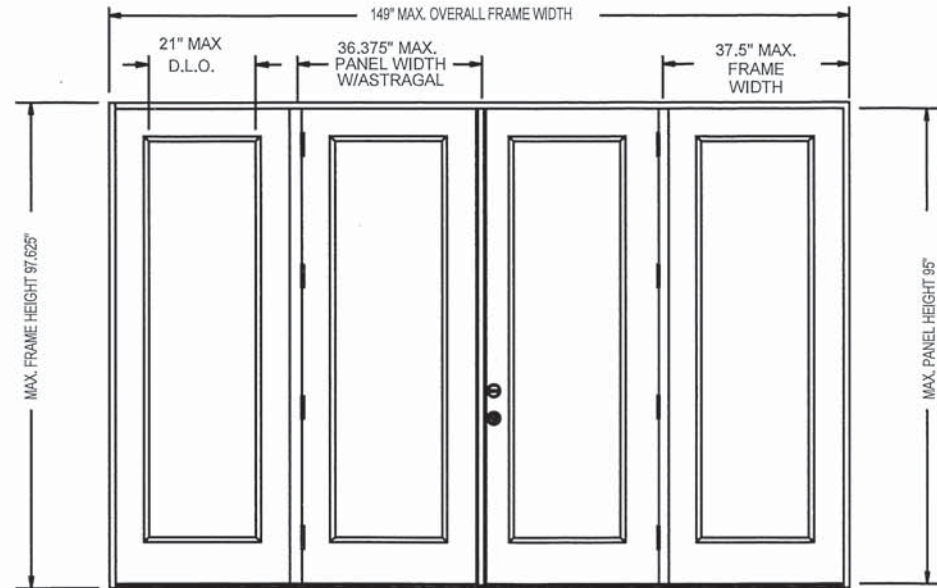
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FIBERGLASS IMPACT GLAZED DOOR UNIT 8'-0" DOUBLE DOOR WITH / WITHOUT SIDELITES

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.

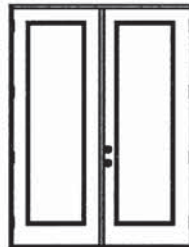
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DOUBLE DOOR UNIT W/SIDELITES



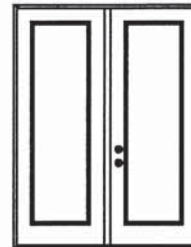
SINGLE DOOR UNIT



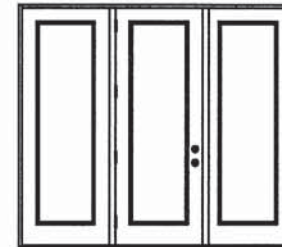
DOUBLE DOOR UNIT



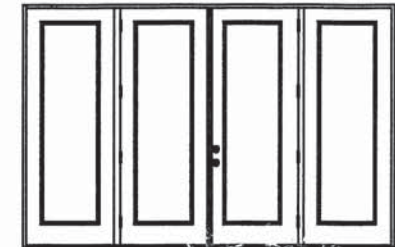
SINGLE DOOR UNIT
WITH SIDELITE



SINGLE DOOR UNIT
WITH SIDELITE



SINGLE DOOR UNIT W/SIDELITES



DOUBLE DOOR UNIT W/SIDELITES

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1	TYPICAL ELEVATIONS & GENERAL NOTES
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3	ANCHORING LOCATIONS & DETAILS
4	ANCHORING LOCATIONS & DETAILS

CONFIG	MAX WIDTH	DESIGN PRESSURE RATING	
		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
OXXO	149"	+40.0 / -45.0	+45.0 / -40.0

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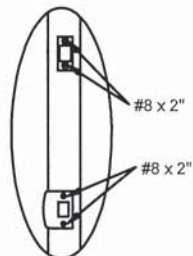
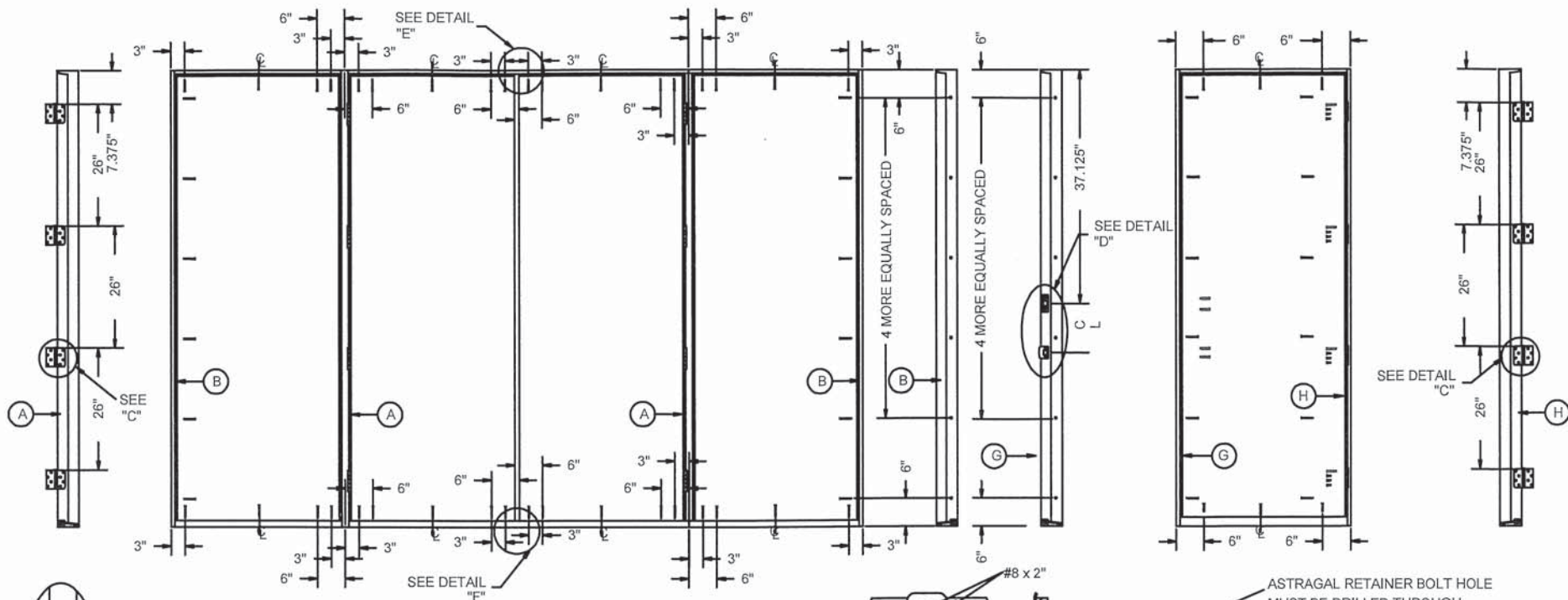
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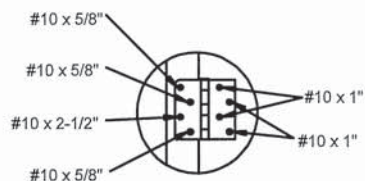


DETAIL "D"

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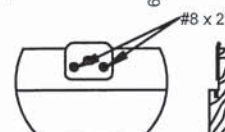
INSWING THRESHOLD



DETAIL "C"



Z-SERIES O/S THRESHOLD



DETAIL "E" ASTRAGAL

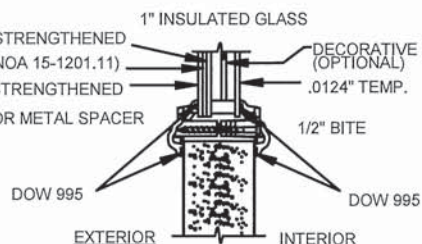
ATTACH ASTRAGAL RETAINER BOLT
 STRIKE PLATE TO FRAME
 AS SHOWN.



DETAIL "F" ASTRAGAL

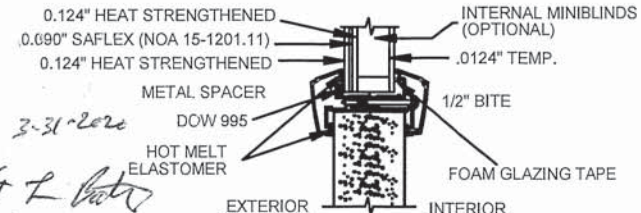
ASTRAGAL RETAINER BOLT HOLE
 MUST BE DRILLED THROUGH
 THE THRESHOLD & INTO THE
 STRUCTURE DEEP ENOUGH
 FOR A 1.375" THROW

1" INSULATED GLASS
 0.124" HEAT STRENGTHENED
 0.090" SAFLEX (NOA 15-1201.11)
 0.124" HEAT STRENGTHENED
 BUTYL, FOAM, OR METAL SPACER
 DECORATIVE INSERT
 (OPTIONAL)
 .0124" TEMP.
 1/2" BITE



TYPICAL GLAZING DETAIL
 IMPACT RATED GLASS

1-1/4" INSULATED GLASS
 0.124" HEAT STRENGTHENED
 0.090" SAFLEX (NOA 15-1201.11)
 0.124" HEAT STRENGTHENED
 METAL SPACER
 DOW 995
 HOT MELT ELASTOMER
 INTERNAL MINIBLINDS
 (OPTIONAL)
 .0124" TEMP.
 1/2" BITE
 FOAM GLAZING TAPE



ALTERNATE GLAZING DETAIL
 IMPACT RATED GLASS

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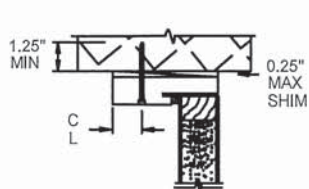
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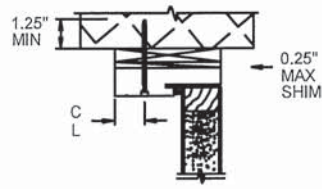
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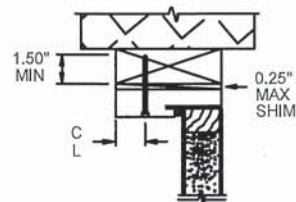
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TYPICAL MASONRY
ANCHOR INSTALLATION



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.

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)

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