

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
Karl Betz

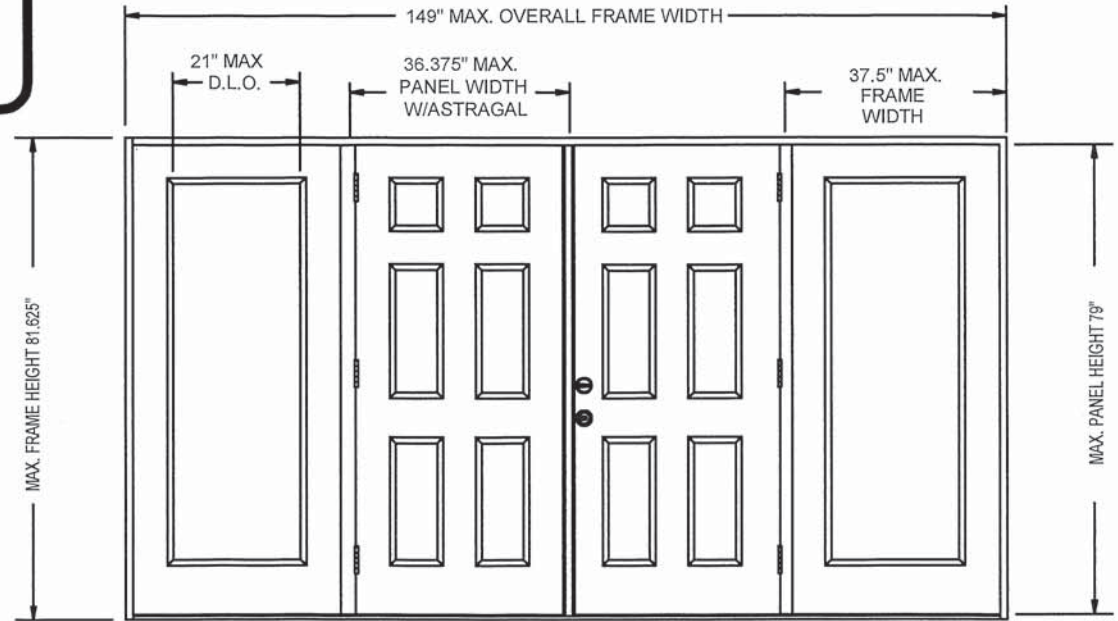
Addendum to Certification
Certification No.: NI014620/NI014620.01
Reviewed by: TDW
Date Reviewed: 04/03/2020

PELLA CORPORATION 102 MAIN STREET, PELLA, IOWA 50219 CONFIDENTIAL PROPERTY OF PELLA CORPORATION. DO NOT DUPLICATE OR TRANSMIT WITHOUT THE EXPRESS WRITTEN PERMISSION OF PELLA CORPORATION. DO NOT SCALE. DRAWING BASED ON ASME Y14.5M-1994	DRAWN: J.HOUSER	CLASS: DRW - ASSEMBLY - UNIT	CERTIFICATION,,,F-PASS, 6"8" IMPACT OPAQUE PANEL DB LOCK		
	ENGR: H.ANDERSON	FILE NAME: DES-000063665.DFT	TOLERANCES UNLESS OTHERWISE NOTED X = ± XX XX = ± XXX XXX = ± XXXX ANGLES = ± XX° UNITS ARE IN INCHES	PAGE 1 of 4	REV -
	DATE CREATED: 2/18/2020	ECO: C42715	DRAWING NUMBER DES-000063665		

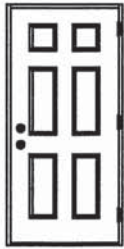
FIBERGLASS OPAQUE DOOR UNIT 6'-8" DOUBLE DOOR WITH / WITHOUT SIDELITES

GENERAL NOTES

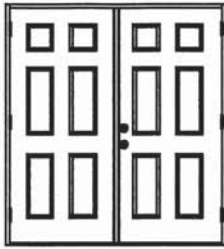
1. EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE, EXCLUDING THE HIGH VELOCITY HURRICANE ZONE AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, DOES NOT EXCEED THE DESIGN PRESSURES LISTED.
2. WHEN INSTALLED IN THE WIND-BORNE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



DOUBLE DOOR UNIT W/SIDELITES



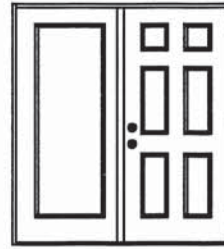
SINGLE DOOR UNIT



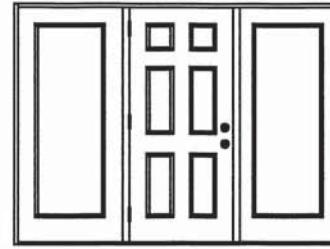
DOUBLE DOOR UNIT



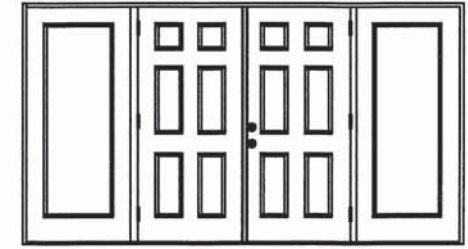
SINGLE DOOR UNIT
WITH SIDELITE



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

CONFIG	MAX WIDTH	DESIGN PRESSURE RATING	
		INSWING	OUTSWING
X	37.5"	+50.0 / -50.0	+50.0 / -50.0
XX	74"	+50.0 / -50.0	+50.0 / -50.0
OX or XO	75"	+50.0 / -50.0	+50.0 / -50.0
OXO	112.5"	+50.0 / -50.0	+50.0 / -50.0
OXXO	149"	+50.0 / -50.0	+50.0 / -50.0

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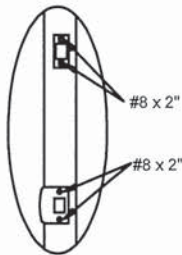
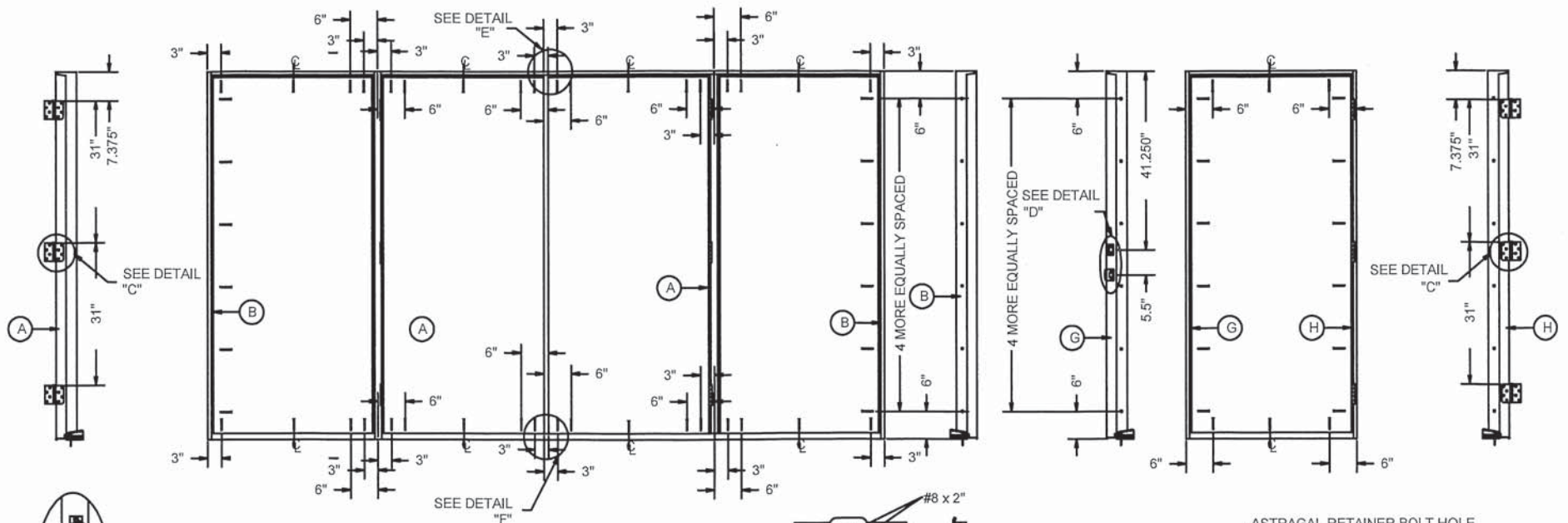
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OTHERWISE NOTED
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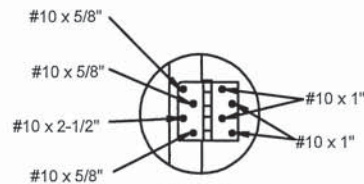
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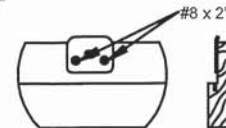
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DETAIL "D"



DETAIL "C"

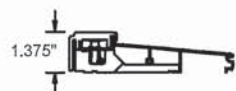


DETAIL "E" ASTRAGAL
ATTACH ASTRAGAL RETAINER BOLT
STRIKE PLATE TO FRAME
AS SHOWN.

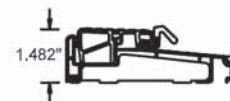


DETAIL "F" ASTRAGAL

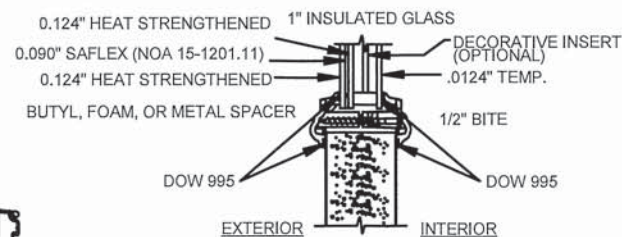
ASTRAGAL RETAINER BOLT HOLE
MUST BE DRILLED THROUGH
THE THRESHOLD & INTO THE
STRUCTURE DEEP ENOUGH
FOR A 1.375" THROW



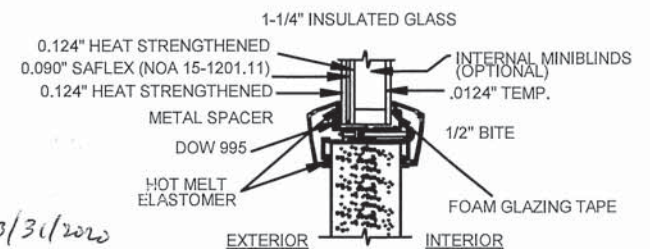
INSWING THRESHOLD



Z-SERIES O/S THRESHOLD



TYPICAL GLAZING DETAIL
IMPACT RATED GLASS



ALTERNATE GLAZING DETAIL
IMPACT RATED GLASS

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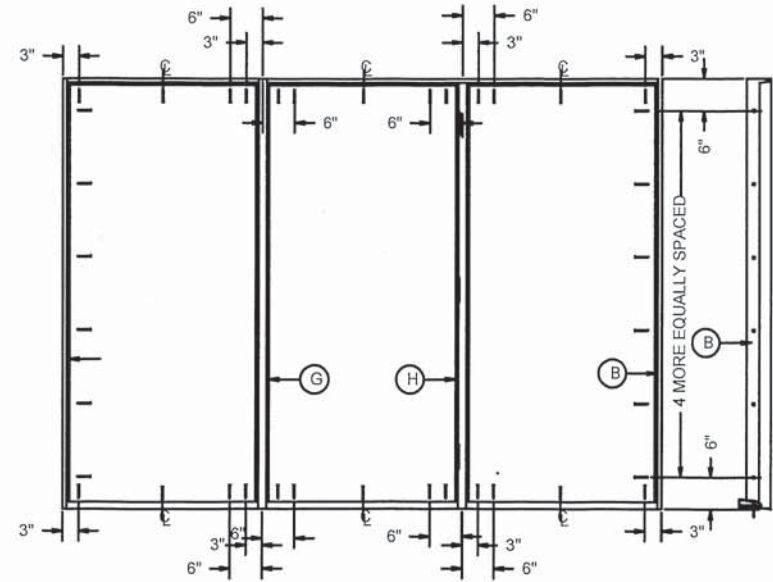
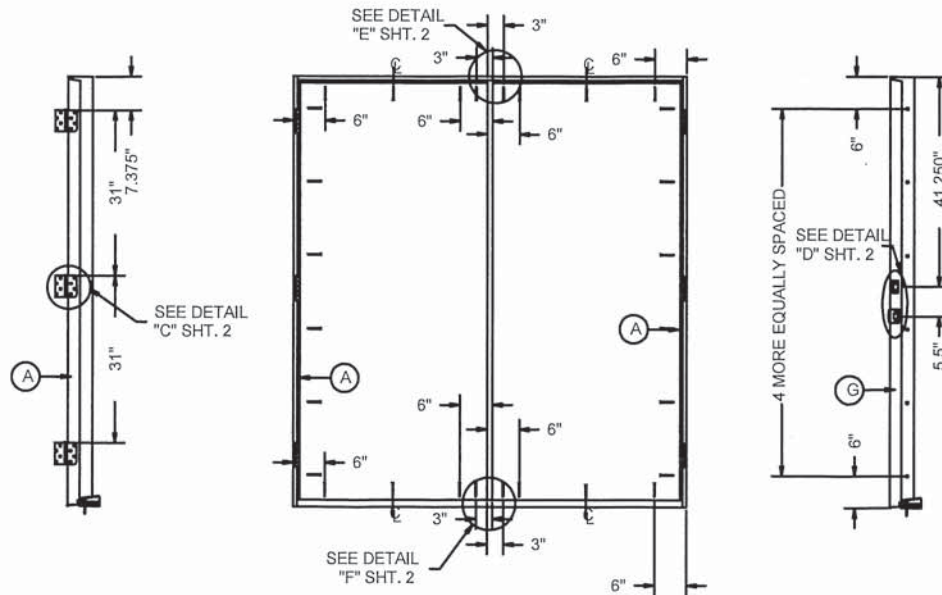
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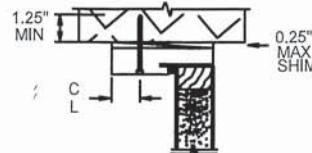
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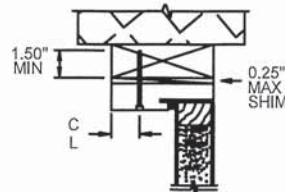


ATTACHMENT DETAIL

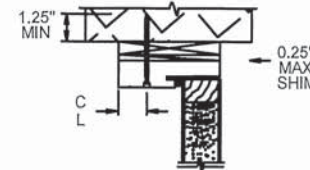
1. ANCHOR ANALYSIS FOR LOADING CONDITIONS PREPARED, SIGNED AND SEALED BY ROBERTO LOMAS, PE (FLORIDA #62514) WITH THE LOWEST (LEAST) FASTENER RATING FROM THE DIFFERENT FASTENERS BEING CONSIDERED FOR USE. JAMB, HEAD, AND THRESHOLD FASTENERS ANALYZED FOR THIS UNIT INCLUDE #10 WOOD SCREWS, 1/4" TAPCONS, 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.



TYPICAL MASONRY ANCHOR INSTALLATION



TYPICAL WOOD BUCK ANCHOR INSTALLATION



1X BUCK MASONRY ANCHOR INSTALLATION

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HARDWARE SCHEDULE

1.	PELLA ESSENTIALS GRADE 3 CYLINDRICAL LATCH AND GRADE 1 CYLINDRICAL DEADBOLT TO BE INSTALLED AT 5-1/2" C/L.
1a.	BALDWIN RESERVE CYLINDRICAL LATCH AND BALDWIN RESERVE CYLINDRICAL DEADBOLT TO BE INSTALLED AT 5-1/2" 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

KT Z Batty

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