

FLORIDA DEPARTMENT OF
Business & Professional Regulation



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**Product Approval**

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FL #	FL15279-R6												
Application Type	Revision												
Code Version	2020												
Application Status	Approved												
	*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.												
Comments													
Archived	<input type="checkbox"/>												
Product Manufacturer	Clopay Building Products Company												
Address/Phone/Email	8585 Duke Blvd. Mason, OH 45040 (513) 770-6062 mwesterfield@clopay.com												
Authorized Signature	Scott Hamilton shamilton@clopay.com												
Technical Representative													
Address/Phone/Email													
Quality Assurance Representative													
Address/Phone/Email													
Category	Exterior Doors												
Subcategory	Sectional Exterior Door Assemblies												
Compliance Method	Certification Mark or Listing												
Certification Agency	Intertek Testing Services NA, Inc.												
Validated By	Gary Pfuehler <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received												
Referenced Standard and Year (of Standard)	<table> <thead> <tr> <th>Standard</th><th>Year</th></tr> </thead> <tbody> <tr> <td>ANSI/DASMA 108</td><td>2005</td></tr> <tr> <td>ANSI/DASMA 115</td><td>2005</td></tr> <tr> <td>ASTM E1886</td><td>2002</td></tr> <tr> <td>ASTM E1996</td><td>2002</td></tr> <tr> <td>ASTM E330</td><td>2002</td></tr> </tbody> </table>	Standard	Year	ANSI/DASMA 108	2005	ANSI/DASMA 115	2005	ASTM E1886	2002	ASTM E1996	2002	ASTM E330	2002
Standard	Year												
ANSI/DASMA 108	2005												
ANSI/DASMA 115	2005												
ASTM E1886	2002												
ASTM E1996	2002												
ASTM E330	2002												
Equivalence of Product Standards Certified By	Florida Licensed Professional Engineer or Architect FL15279_R6_Equiv_20200812 - FBC - ASTM 1886-1996 equiv.pdf FL15279_R6_Equiv_20200812 - FBC - DASMA 108 ASTM E330 equiv.pdf												

Product Approval Method

Method 1 Option A

15279.52	052 W5-16 PAN-2F153: 84A, 94, 73, 75, 1500, 190, 4RST, 4RSF, 6RST, 6RSF, 48, 42, 55, 48B, 42B, 55S, GD5S, GD5SV, GR5S, GR5SV, AR5S, AR5SV, ED5S, ED5SV	Steel Pan (min. 25 ga.) Double-Car (9'2" to 16'0" wide) WINDCODE® W5 Garage Door
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +30 PSF/-30 PSF Other: Solid doors (no glazing) or doors with optional impact-resistant glazing are impact-resistant (large missile impact).		Certification Agency Certificate FL15279_R6_C_CAC_Letter_with_proof_of_contract_and_proof_of_inspection.pdf FL15279_R6_C_CAC_W5_Listing_Intertek.pdf Quality Assurance Contract Expiration Date 05/21/2028 Installation Instructions FL15279_R6_II_101593-A-Rev16.pdf Verified By: Intertek Testing Services NA, Inc. Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:

DOOR HEIGHT	# OF SECTIONS
UP TO 7'0"	4
7'3" TO 8'9"	5
9'0" TO 10'6"	6
10'9" TO 12'3"	7
12'6" TO 14'0"	8
14'3" TO 15'9"	9
16'0"	10
MAX SECTION HEIGHT: 21'	

'CLASSIC' RAISED PANEL EMBOSS DOORS			
SHORT PANEL		LONG PANEL	
DOOR WIDTH	# OF INTERM. STILES	DOOR WIDTH	# OF INTERM. STILES
9'2" TO 9'10"	1	9'2" TO 11'2"	1
10'0" TO 11'10"	2	11'4" TO 14'10"	3
12'0" TO 13'10"	3	15'0" TO 16'0"	5
14'0" TO 15'10"	4	SEE NOTE BELOW REGARDING EXTRA STILES ON LONG PANEL DOORS.	
16'0"	5		

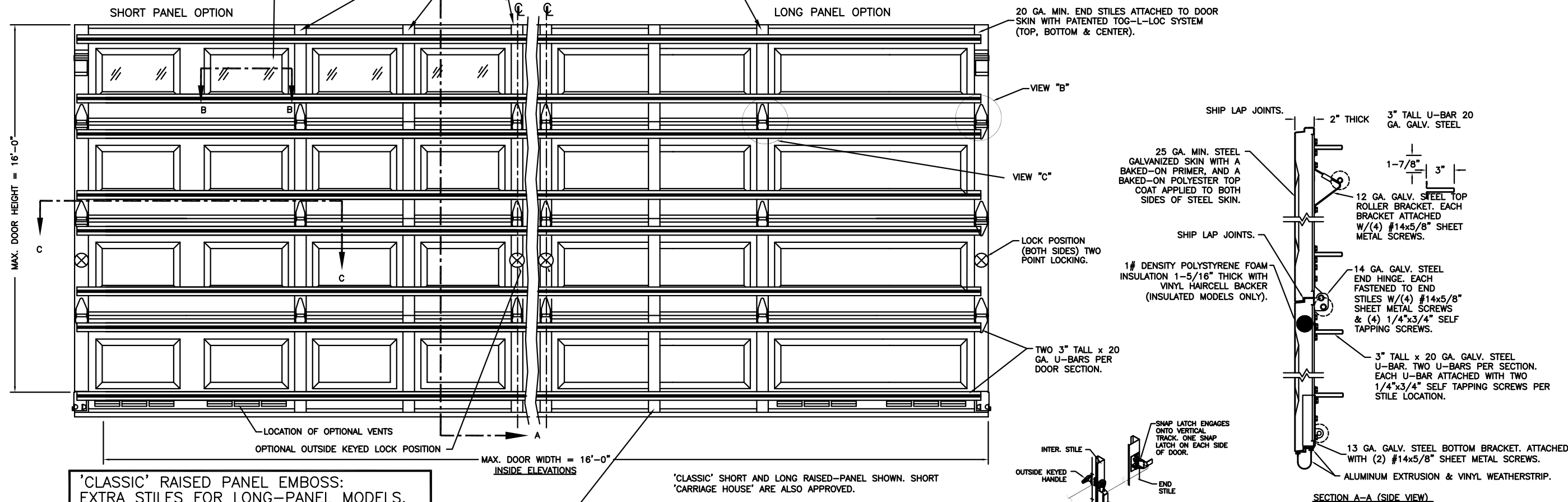
'CARRIAGE HOUSE' RAISED PANEL EMBOSS DOORS	
SHORT PANEL	
DOOR WIDTH	# OF INTERM STILES
9'2" TO 10'0"	1
10'2" TO 11'4"	N/A
11'6" TO 13'10"	3
14'0" TO 16'0"	5

REV	DATE	DESCRIPTION
05	8/2004	ADDED INSULATED M/N 190, 1500
06	5/2005	UPDATED CODE REF.
07	9/2005	ADDED ROLLER OPTION
08	12/2006	ADDED IMPACT-RESISTANT LITE OPTION
09	11/30/07	ADDED EXTENDED HEIGHTS AND COMBINED CLOPAY, HOLMES AND IDEAL M/N
10	08/08/08	ADDED M/N 42B, 48B, 55S.
11	10/21/08	ADDED M/N 4F
12	12/2009	ADDED 'CARRIAGE HOUSE' EMBOSS DOORS.
13	08/2010	ADDED DETAIL FOR IMPACT RESISTANT ASSEMBLY (-A) AND STANDARD (-B).
14	01/2012	REVISED WIND SPEED TABLE FOR ASCE7-10; REVISED TO TWO SHEETS.

'CARRIAGE HOUSE' RAISED PANEL EMBOSSED DOORS				
MODELS	25 GA	25 GA INS	25 GA	25 GA INS
CLOPAY 'GALLERY'	GD5S, GR5S	GD5SV, GR5SV	--	--
HOLMES 'ARTISTRY'	AR5S	AR5SV	--	--
IDEAL 'CARRIAGE HOUSE'	ED5S	ED5SV	--	--
	SHORT PANEL		LONG PANEL	

OPTIONAL GLAZING MAY BE STANDARD OR
- IMPACT RESISTANT GLAZING. SEE SECTION
B-B FOR DETAILS.
MAX. STANDARD SIZE IS 19-1/2"x16".
IMPACT RESISTANT GLAZING IS
21-5/8"x14-1/8".

(5) INTERMEDIATE STILES FOR 16' WIDE DOOR. ATTACHED W/ TOG-L-LOC (TOP & BOT) AND URETHANE ADHESIVE (ALONG CENTER). SEE NOTE BELOW FOR LONG PANEL DOORS.



'CLASSIC' RAISED PANEL EMBOSS:
EXTRA STILES FOR LONG-PANEL MODELS.
 LONG-PANEL DOORS FROM 1'4" WIDE TO 16'0" WIDE REQUIRE 18 GA. COMMERCIAL CENTER STILES.
 (SHORT-PANEL MODELS HAVE FACTORY-INSTALLED EXTRA STILES ATTACHED AS NOTED ABOVE.)
 ONE COMMERCIAL CENTER STILE PER SECTION 1'4" TO 14'0"W.
 TWO COMMERCIAL CENTER STILES PER SECTION 15'0" TO 16'0"W.
 THESE COMMERCIAL CENTER STILES ARE ATTACHED MIDPOINT BETWEEN THE EXISTING RESIDENTIAL CENTER STILES. COMMERCIAL CENTER STILES ARE ATTACHED WITH TCG-L-LOC (TOP & BOTTOM) OR (4) 3/16" POP RIVETS OR (4) #8 SHEET METAL SCREWS.

SEE SHEET TWO FOR
IMPACT RESISTANT CONSTRUCTION DETAIL "A"
AND STANDARD CONSTRUCT DETAIL "B";
TRACK AND JAMB DETAILS.

ORIGINAL DRAWINGS ARE SIGNED IN BLUE INK WITH A RAISED SEAL (EMBOSS).

DESIGN ENGINEER: MARK WESTERFIELD, P.E.
FLORIDA P.E. #48495,
NC P.E. #23832,
TEXAS P.E. #91513



Clopay
Building Products
Company

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MANUFACTURING PRODUCT CODE
SHORT PANEL: PAN-2F153
LONG PANEL: PAN-2F156

DATE: 1/26/96

DRAWN BY: A.M.M./M

WINDLOAD RATING
W5

DESCRIPTION	DATE	AMOUNT	REMARKS
...

MODEL 73/75/84A/94; 16'W +30/-30 PSF

D	DRAWING NUMBER:
---	-----------------

B DRAWING NUMBER: 101593 - A/B

MAX. DOOR SIZE:
16'0"W x 16'0"H

CR₁

VERI
IPC

THIS DOOR MEETS OR EXCEEDS THE DESIGN LOADS FOR THE ULTIMATE WIND SPEEDS LISTED BELOW ACCORDING TO THE FLORIDA BUILDING CODE, 2018 INTERNATIONAL BUILDING CODE (BASED ON ASCE7-10) FOR THE FOLLOWING CONDITIONS: 1) ENCLOSED BUILDING, 2) DOOR HAS 2' OF WIDTH IN BUILDING'S END ZONE, 3) ANY ROOF SLOPE, AND 4) TESTING IN ACCORDANCE WITH ANSI/DASMA 108. SITE-SPECIFIC CALCULATIONS BY A QUALIFIED DESIGN PROFESSIONAL MAY DIFFER.

ULTIMATE WIND SPEED (MPH)	135	140	145	155	170
EXPOSURE CATEGORY	B, C, D	B, C, D	B, C	B, C	B
MEAN ROOF HEIGHT	25'	15'	25'	15'	30'

DESIGN LOADS: +30.0 PSF & -30.0 PSF.
TEST LOADS: +45.0 PSF & -45.0 PSF.

'CLASSIC' RAISED PANEL EMBOSS DOORS						
MODELS	24 GA	24 GA INS	25 GA	25 GA INS	25 GA	25 GA INS
CLOPAY	84A, 94	--	73, 75	1500, 190	76	76V
IDEAL	4RST, 4F*	4RSF	6RST	6RSF	2RST	--
HOLMES	48, 48B	--	42, 42B	55, 55S	--	--
SHORT PANEL			LONG PANEL			

* - MODEL 4F IS FLUSH

'CARRIAGE HOUSE' RAISED PANEL EMBOSS DOORS				
MODELS	25 GA	25 GA INS	25 GA	25 GA INS
CLOPAY 'GALLERY'	GD5S, GR5S	GD5SV, GR5SV	--	--
HOLMES 'ARTISTRY'	AR5S	AR5SV	--	--
IDEAL 'CARRIAGE HOUSE'	ED5S	ED5SV	--	--
SHORT PANEL		LONG PANEL		

SHEET 2 OF 2

REV	DATE	DESCRIPTION
14	--	SEE REVISION HISTORY ON SHEET ONE.

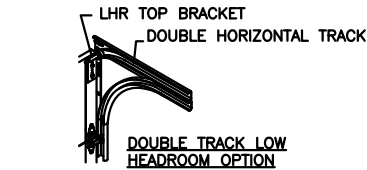
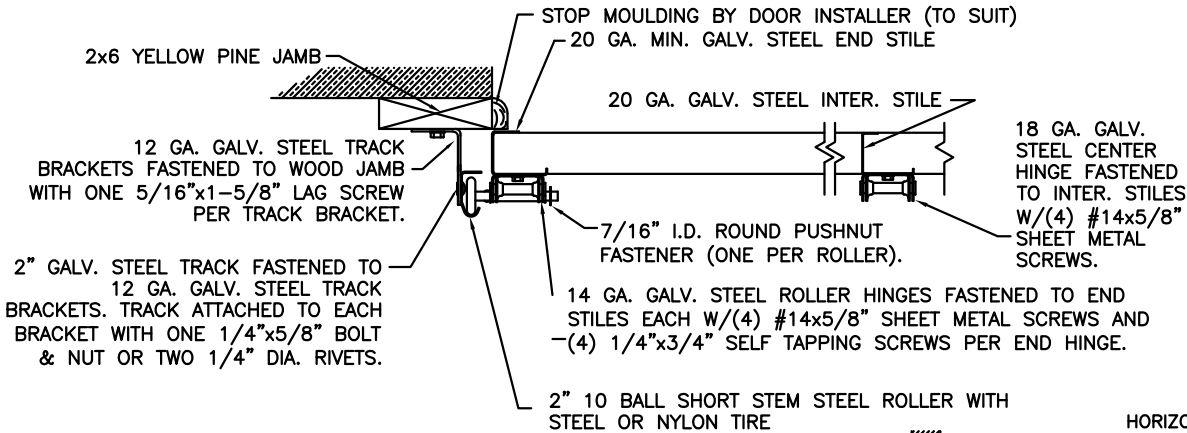
VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS):
3/8"x3" LAG SCREWS ON 24" CENTERS. 1-1/8" O.D. WASHER REQUIRED. LAG SCREWS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

VERTICAL JAMB ATTACHMENT (C-90 BLOCK OR 2,000 PSI MIN. CONCRETE COLUMN):
3/8"x3" SLEEVE ANCHOR BOLTS ON 17" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS.
OR
1/4"x3" TAPCON SCREWS ON 14" CENTERS (2,000 PSI MIN. CONCRETE) OR 8" CENTERS (C-90 BLOCK). 1" O.D. WASHERS REQUIRED WITH TAPCONS.
ANCHORS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

OTHER JAMB CONFIGURATIONS: REFER TO DASMA TDS-161. A LICENSED DESIGN PROFESSIONAL MAY ALSO BE EMPLOYED TO APPROVE ALTERNATE FASTENERS AND/OR JAMB CONFIGURATIONS.

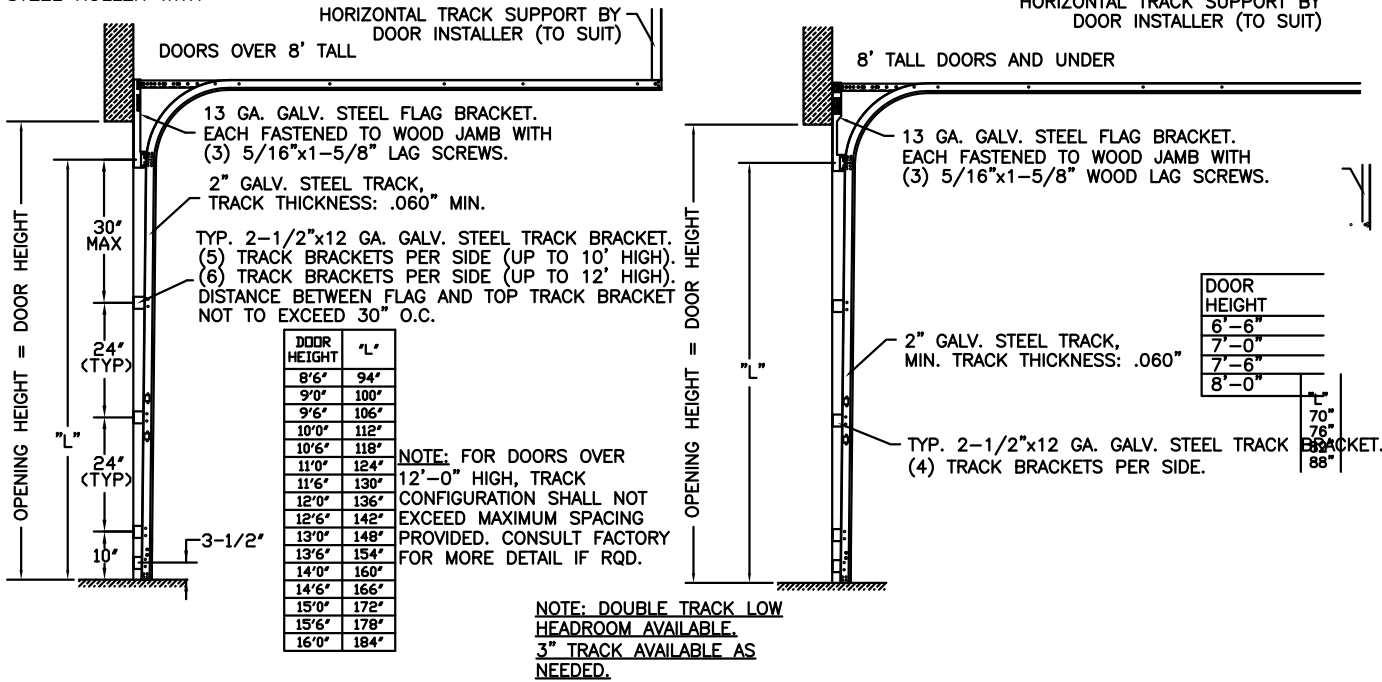
PREPARATION OF JAMBS BY OTHERS.

JAMB CONFIGURATION
SECTION C-C

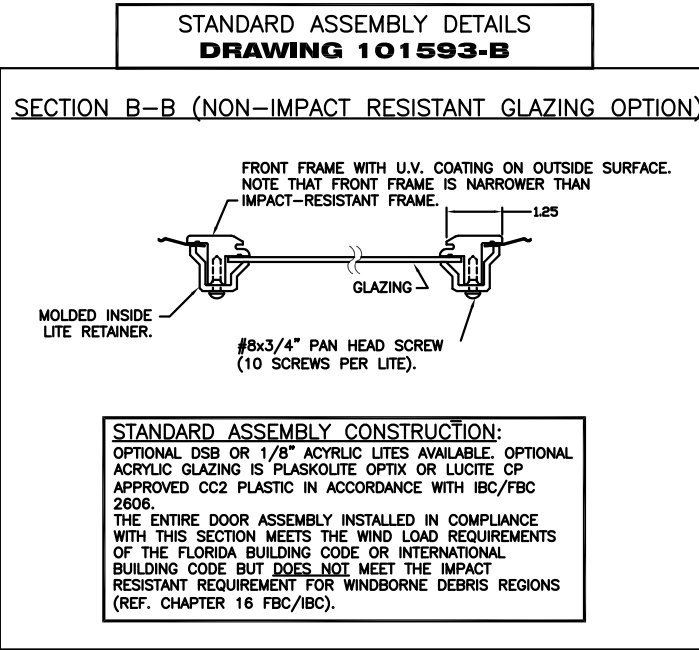
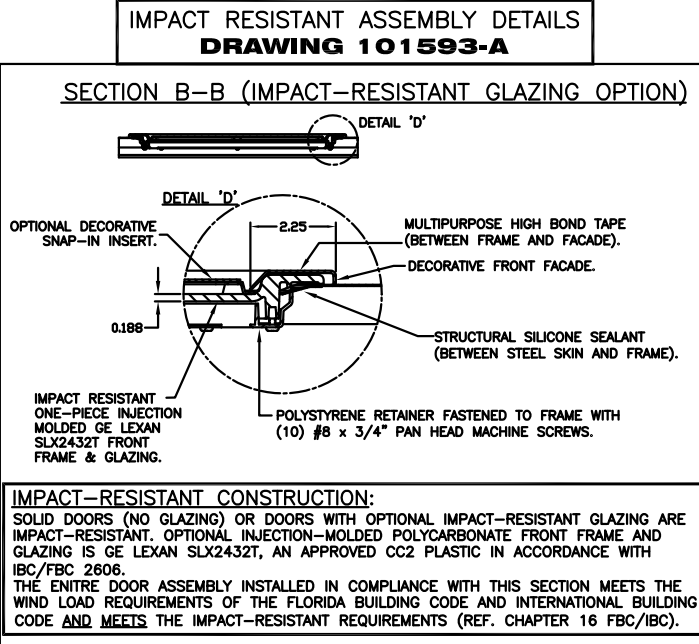


NOTE: TRACK CONFIGURATION ABOVE THE DOOR OPENING DOES NOT AFFECT THE WIND LOAD RATING OF THIS DOOR.

NOTE: THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THE DRAWING.




DESIGN LOADS: +30.0 PSF & -30.0 PSF.
TEST LOADS: +45.0 PSF & -45.0 PSF.



ORIGINAL DRAWINGS ARE SIGNED IN BLUE INK WITH A RAISED SEAL (EMBOSS).

DESIGN ENGINEER: MARK WESTERFIELD, P.E.
FLORIDA P.E. #48495,
NC P.E. #23832,
TEXAS P.E. #91513

 Building Products Company	8585 DUKE BLVD. MASON, OH 45040 (513) 770-4800	MANUFACTURING PRODUCT CODE SHORT PANEL: PAN-2F153 LONG PANEL: PAN-2F156		WINDLOAD RATING W5		MAX. DOOR SIZE: 16'0"W x 16'0"H	
		DATE: 1/26/96		DESCRIPTION: MODEL 73/75/84A/94; 16'W +30/-30 PSF			
		DRAWN BY: MWW		DRAWING NUMBER: B 101593 - A/B		VER: IBC	
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