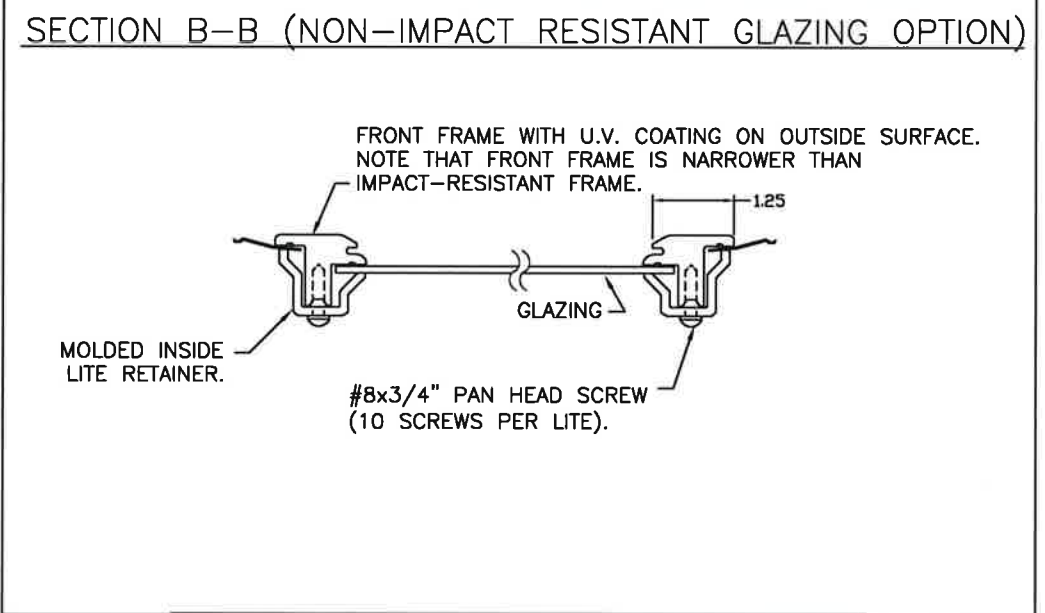




4					3			2					1			
'CLASSIC' RAISED PANEL EMBOSS DOORS					'CARRIAGE HOUSE' RAISED PANEL EMBOSS DOORS			SHEET: 2 OF 4							REVISIONS	
MODELS	24 GA	24 GA INS	25 GA	25 GA INS	MODELS	25 GA	25 GA INS	REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION			
CLOPAY	84A, 94	--	73, 75	1500, 190	CLOPAY 'GALLERY'	GD5S, GR5S	GD5SV, GR5SV	15	--	--	--	--	SEE REVISION HISTORY ON SHEET ONE.			
IDEAL	4RST, 4F*	4RSF	6RST	6RSF	HOLMES 'ARTISTRY'	AR5S	AR5SV									
HOLMES	48, 48B	--	42, 42B	55, 55S	IDEAL 'CARRIAGE HOUSE'	ED5S	ED5SV									
SHORT PANEL					SHORT PANEL											
* - MODEL 4F IS FLUSH																

**STANDARD ASSEMBLY CONSTRUCTION:**  
 OPTIONAL DSB OR 1/8" ACRYLIC LITES AVAILABLE. OPTIONAL ACRYLIC GLAZING IS PLASKOLITE OPTIX OR LUCITE CP APPROVED CC2 PLASTIC IN ACCORDANCE WITH IBC/FBC 2606.  
 THE ENTIRE DOOR ASSEMBLY INSTALLED IN COMPLIANCE WITH THIS SECTION MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE OR INTERNATIONAL BUILDING CODE BUT **DOES NOT** MEET THE IMPACT RESISTANT REQUIREMENT FOR WINDBORNE DEBRIS REGIONS (REF. CHAPTER 16 FBC/IBC).



**STANDARD ASSEMBLY DETAILS  
DRAWING 101711**



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

DESIGN LOADS: +24.0 P.S.F. & -24.5 P.S.F.  
 TEST LOADS: +36.0 P.S.F. & -37.0 P.S.F.

Unless Stated Otherwise  
**TOLERANCES are**  
 .0 = ±.031  
 .00 = ±.015  
 .000 = ±.005  
 .0000 = ±.001  
 Degrees = ±1/2'  
 Unless Stated Otherwise  
 DIMENSIONS ARE IN INCHES.

**Clopay CORPORATION**  
 8585 Duke Boulevard  
 Mason, OH 45040 USA  
 Tel. No. 513-770-4800  
 Fax No. 513-770-4853

MANUFACTURING PRODUCT CODE PAN-2F153	
PART NO.: N/A	
WINDLOAD RATING <b>W4 DP24</b>	
DESCRIPTION: CLASSIC AND CH RP STEEL PAN DC +24/-24.5 PSF	SCALE: NTS
DRAWN BY: JAC	DATE: 1/3/97
CHECKED BY: --	DATE: --
DWG. NO.: 101711	VER: TDI

DWG. SIZE **B**

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

SHORT PANEL  
\* - MODEL 4F IS FLUSH

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

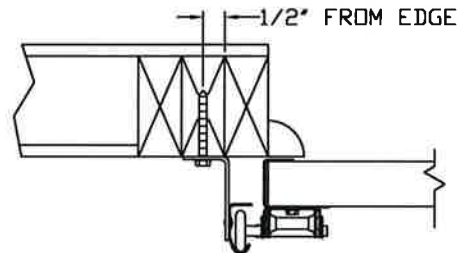
SHORT PANEL

SHEET 3 OF 4

REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
15	-	-	-	-	SEE REVISION HISTORY ON SHEET ONE.

IN THE CASE OF GYPSUM WALLBOARD LOCATED AT OR NEAR THE DOOR OPENING LOCATION THERE ARE TWO ACCEPTABLE ALTERNATIVES:

- 1) THE WALLBOARD CAN BE CUT AWAY FROM THE DOOR OPENING AND 2X6 SOUTHERN YELLOW PINE WOOD JAMBS MOUNTED DIRECTLY TO THE SUPPORTING STRUCTURE TO CREATE THE MOUNTING SURFACE. ALTERNATIVELY, THE BRACKETS MAY BE ATTACHED DIRECTLY TO THE SUPPORTING STRUCTURE. SEE DETAIL BELOW. THE CENTER OF SCREW HOLE MUST BE AT LEAST 1/2" FROM BOTH EDGES FOR A 5/16" LAG SCREW.
- 2) IF THE WALLBOARD IS NOT CUT AWAY TO EXPOSE THE UNDERLYING STRUCTURE (WOOD FRAMING MEMBERS), A 2X6 SOUTHERN YELLOW PINE WOOD BUCK OVER SHALL BE INSTALLED THE WALLBOARD FRAMING THE OPENING USING THE JAMB ATTACHMENT FASTENERS LISTED BELOW. HOWEVER, THE JAMB ATTACHMENT FASTENERS MUST BE OF A SUFFICIENT INCREASED LENGTH TO ACCOUNT FOR THE THICKNESS OF THE WALLBOARD TO ENSURE PROPER FASTENER EMBEDMENT INTO THE STRUCTURAL FRAMING MEMBERS OF THE SUPPORTING STRUCTURE.



**VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS):**  
3/8"x3" LAG SCREWS ON 24" CENTERS. 1-1/8" MIN. 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 20" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS.

OR  
1/4"x3" TAPCON SCREWS ON 17" CENTERS (2,000 PSI MIN. CONCRETE) OR 9" CENTERS (C-90 BLOCK). 1" MIN. 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.

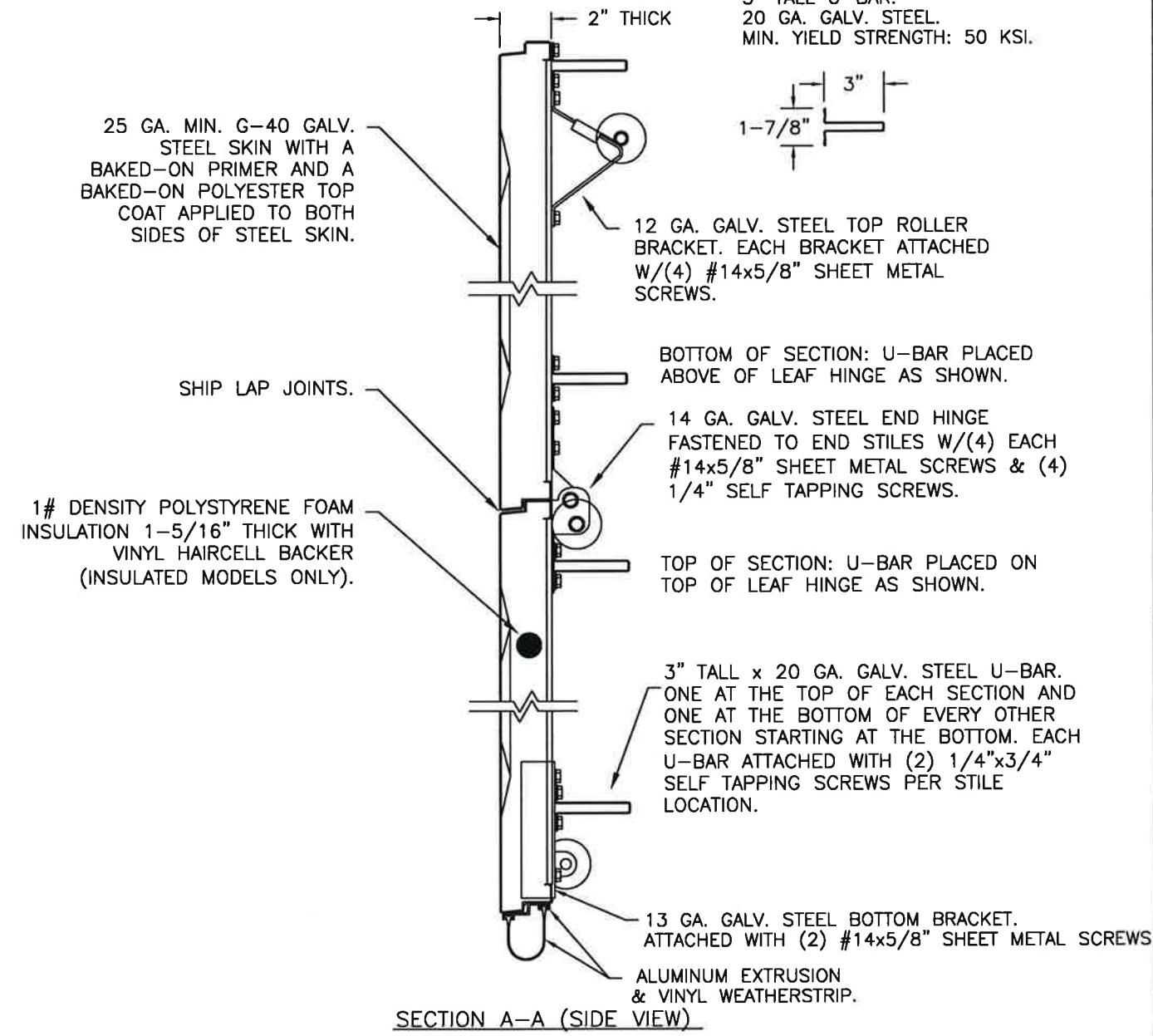
SEE ADDITIONAL DETAILS IN "CONNECTING JAMB TO EXISTING STRUCTURES" JAMB FASTENER ANALYSIS CBPC-JFA-0001 (AVAILABLE ON TDI WEBSITE OR FROM MANUFACTURER).

**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.



*Mark Westerfield*  
7/21/21

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



SECTION A-A (SIDE VIEW)

DESIGN LOADS: +24.0 P.S.F. & -24.5 P.S.F.  
TEST LOADS: +36.0 P.S.F. & -37.0 P.S.F.

Unless Stated Otherwise TOLERANCES are

.0	= ±.031
.00	= ±.015
.000	= ±.005
.0000	= ±.001
Degrees	= ±1/2'

Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

**Glopay CORPORATION**  
8585 Duke Boulevard  
Mason, OH 45040 USA  
Tel. No. 513-770-4800  
Fax No. 513-770-4853

DESCRIPTION: CLASSIC AND CH RP STEEL PAN DC +24/-24.5 PSF	DATE: 1/3/97	SCALE: NTS	DWG. B
DRAWN BY: JAC	DATE: --	SHEET 3 OF 4	SIZE B
CHECKED BY: --	DATE: --	VER: TDI	
DWG. NO.: 101711			

MANUFACTURING PRODUCT CODE  
PAN-2F153

PART NO.: N/A

WINDLOAD RATING  
W4 DP24

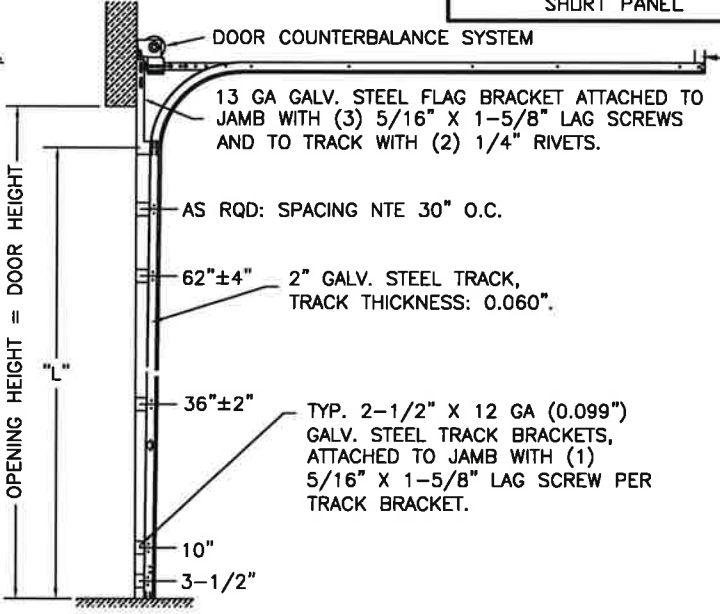
'CLASSIC' RAISED PANEL EMBOSS DOORS				
MODELS	24 GA	24 GA INS	25 GA	25 GA INS
CLOPAY	84A, 94	--	73, 75	1500, 190
IDEAL	4RST, 4F*	4RSF	6RST	6RSF
HOLMES	4B, 48B	--	42, 42B	55, 55S

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

SHEET:  
4 OF 4

REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
15	-	-	-	-	SEE REVISION HISTORY ON SHEET ONE.

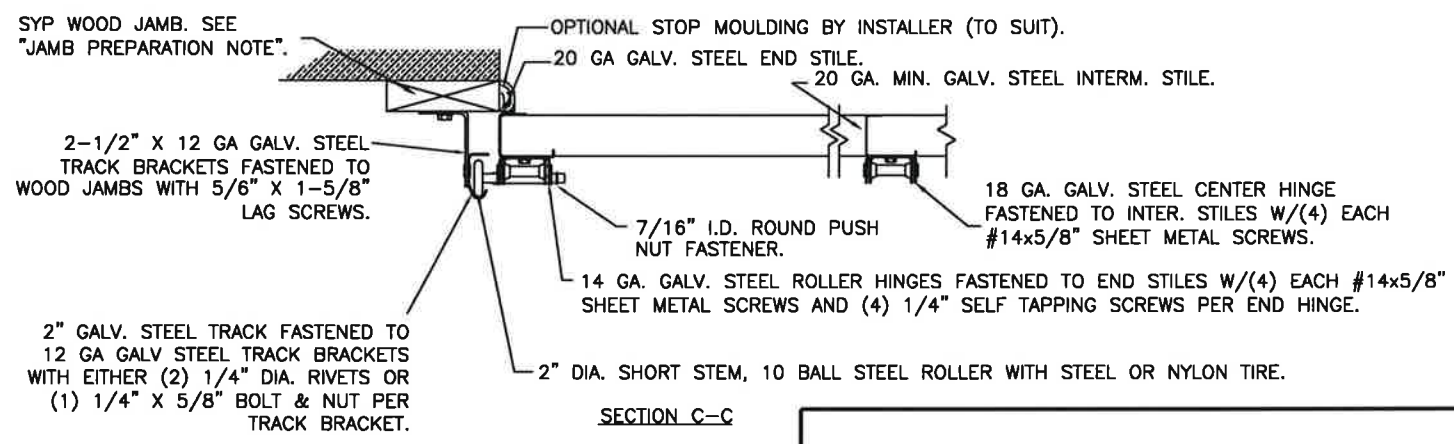
**2" TRACK CONFIGURATION.**



DOOR HEIGHT	"L"
6'-6"	70"
7'-0"	76"
7'-6"	82"
8'-0"	88"
8'-6"	94"
9'-0"	100"
9'-6"	106"
10'-0"	112"
10'-6"	118"
11'-0"	124"
11'-6"	130"
12'-0"	136"
12'-6"	142"
13'-0"	148"
13'-6"	154"
14'-0"	160"
14'-6"	166"
15'-0"	172"
15'-6"	178"
16'-0"	184"

HORIZONTAL TRACK SUPPORT BY DOOR INSTALLER (TO SUIT).

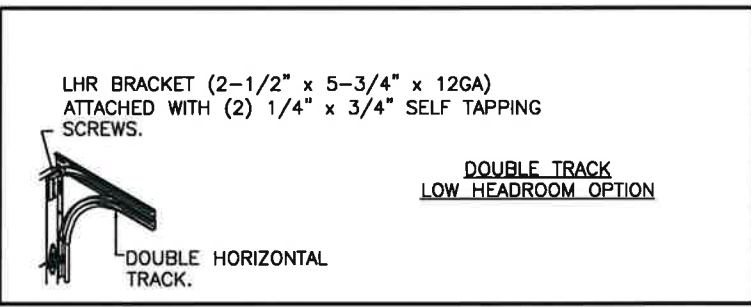
**JAMB CONFIGURATION.**



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

3" TRACK IS ALSO AVAILABLE.

**PREPARATION OF JAMBS BY OTHERS.**



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

DESIGN LOADS: +24.0 P.S.F. & -24.5 P.S.F.  
TEST LOADS: +36.0 P.S.F. & -37.0 P.S.F.

Unless Stated Otherwise TOLERANCES are

.0	= ±.031
.00	= ±.015
.000	= ±.005
.0000	= ±.001
Degrees	= ±1/2'

**Clopay** CORPORATION  
8585 Duke Boulevard  
Mason, OH 45040 USA  
Tel. No. 513-770-4800  
Fax No. 513-770-4853

DESCRIPTION: CLASSIC AND CH RP STEEL PAN DC +24/-24.5 PSF	MANUFACTURING PRODUCT CODE PAN-2F153
DRAWN BY: JAC	PART NO.: N/A
CHECKED BY: --	WINDLOAD RATING W4 DP24
DWG. NO.: 101711	SCALE: NTS
VER: TDI	DWG. SIZE B