

4

3

2

1

SHEET:  
1 OF 4

REVISIONS

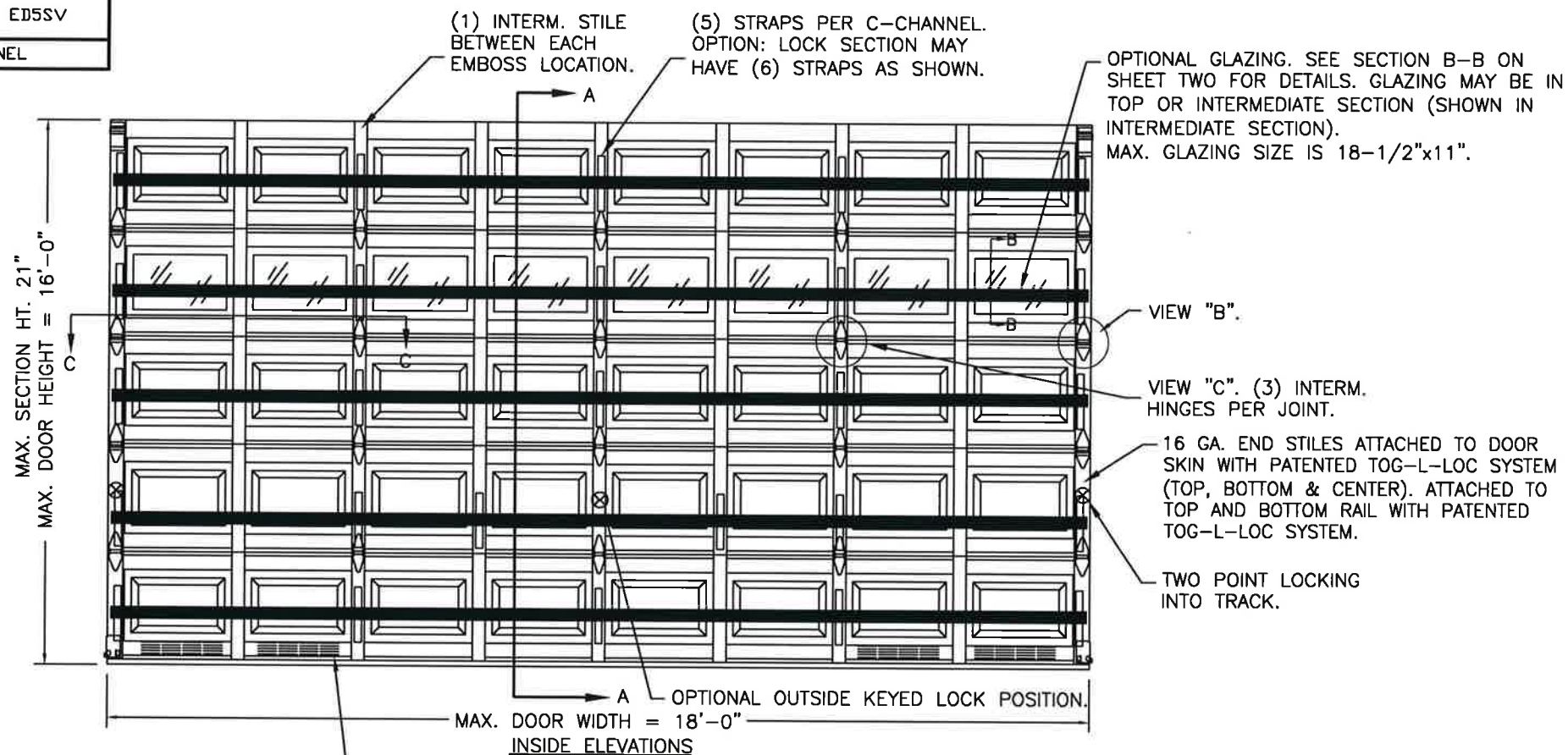
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
14	-	07/2021	-	JDW	UPDATED TITLE BLOCK AND ADDED COMPLIANCE STATEMENT.

THIS PRODUCT COMPLIES WITH THE 2018 IBC/IRC.

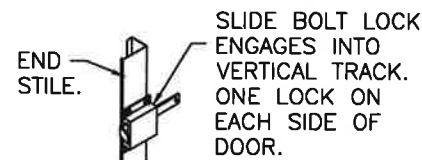
'CLASSIC' RAISED PANEL EMBOSS DOORS				
MODELS	24 GA	24 GA INS	25 GA	25 GA INS
CLOPAY	84A, 94	--	73, 75	1500, 190
IDEAL	4RST, 4F*	4RSF	6RST	6RSF
HOLMES	48, 48B	--	42, 42B	55, 55S
SHORT PANEL				
* - MODEL 4F IS FLUSH				

'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		

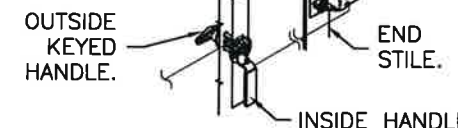
DOOR HEIGHT	# OF SECTIONS	# OF C-CHANNELS
UP TO 7'0"	4	4
7'3" TO 8'9"	5	5
9'0" TO 10'6"	6	6
10'9" TO 12'3"	7	7
12'6" TO 14'0"	8	8
14'3" TO 15'9"	9	9
16'0"	10	10
MAX SECTION HEIGHT: 21"		



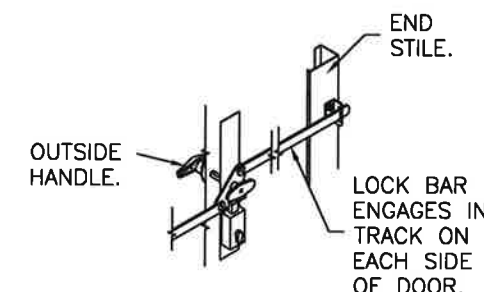
SNAP LATCH ENGAGES ONTO VERTICAL TRACK. ONE SNAP LATCH ON EACH SIDE OF DOOR.



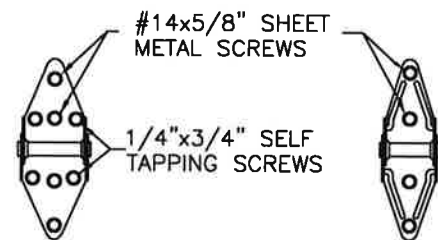
INSIDE SLIDE BOLT LOCK OPTION.



OUTSIDE KEYED LOCK WITH SNAP LATCH LOCK OPTION.



OUTSIDE KEYED LOCK WITH LOCK BAR LOCKING.



14 GA. END HINGES VIEW "B"

18 GA. INTERMEDIATE HINGE VIEW "C"

DESIGN LOADS: +25.0 P.S.F. & -25.0 P.S.F.  
TEST LOADS: +37.5 P.S.F. & -35.5 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

MANUFACTURING PRODUCT CODE  
PAN-2F153

PART NO.: N/A

WINDLOAD RATING  
W4 DP25

DESCRIPTION: CLASSIC AND CH RP STEEL PAN 18' +25/-25 PSF

DRAWN BY: MWW	DATE: 11/30/94	SCALE: NTS	DWG. SIZE B
CHECKED BY: --	DATE: --	SHEET 1 OF 4	

DWG. NO.: 101312	VER: TDI
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*Mark Westerfield*  
7/21/21

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

4

3

2

1

'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

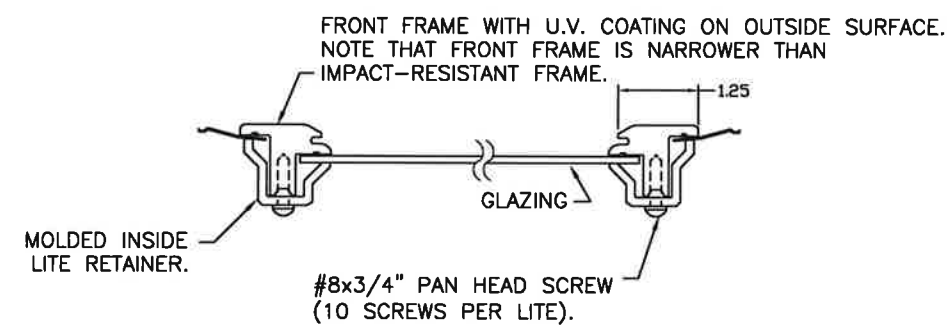
'CARRIAGE HOUSE' RAISED PANEL EMBOSS DOORS		
MODELS	25 GA	25 GA INS
CLOPAY 'GALLERY'	GD5S, GR5S	GD5SV, GR5SV
HOLMES 'ARTISTRY'	AR5S	AR5SV
IDEAL 'CARRIAGE HOUSE'	ED5S	ED5SV
SHORT PANEL		

SHEET:  
2 OF 4

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

**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).

**SECTION B-B (NON-IMPACT RESISTANT GLAZING OPTION)**



**STANDARD ASSEMBLY DETAILS  
DRAWING 101312**



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

DESIGN LOADS: +25.0 P.S.F. & -25.0 P.S.F.  
 TEST LOADS: +37.5 P.S.F. & -35.5 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

DESCRIPTION: CLASSIC AND CH RP STEEL PAN 18' +25/-25 PSF

DRAWN BY: MWW DATE: 11/30/94  
 CHECKED BY: -- DATE: --

DWG. NO.: 101312

MANUFACTURING PRODUCT CODE  
 PAN-2F153

PART NO.: N/A

WINDLOAD RATING  
 W4 DP25

SCALE: NTS  
 SHEET 2 OF 4  
 VER: TDI



'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

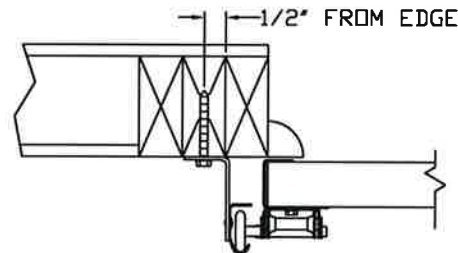
SHORT PANEL

SHEET 3 OF 4

REVISIONS					
REV. NO.	ZONE	DATE	ECN NO.	APPVD.	DESCRIPTION
14	-	-	-	-	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 18" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS.

OR  
1/4"x3" TAPCON SCREWS ON 15" CENTERS (2,000 PSI MIN. CONCRETE) OR 8" 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.

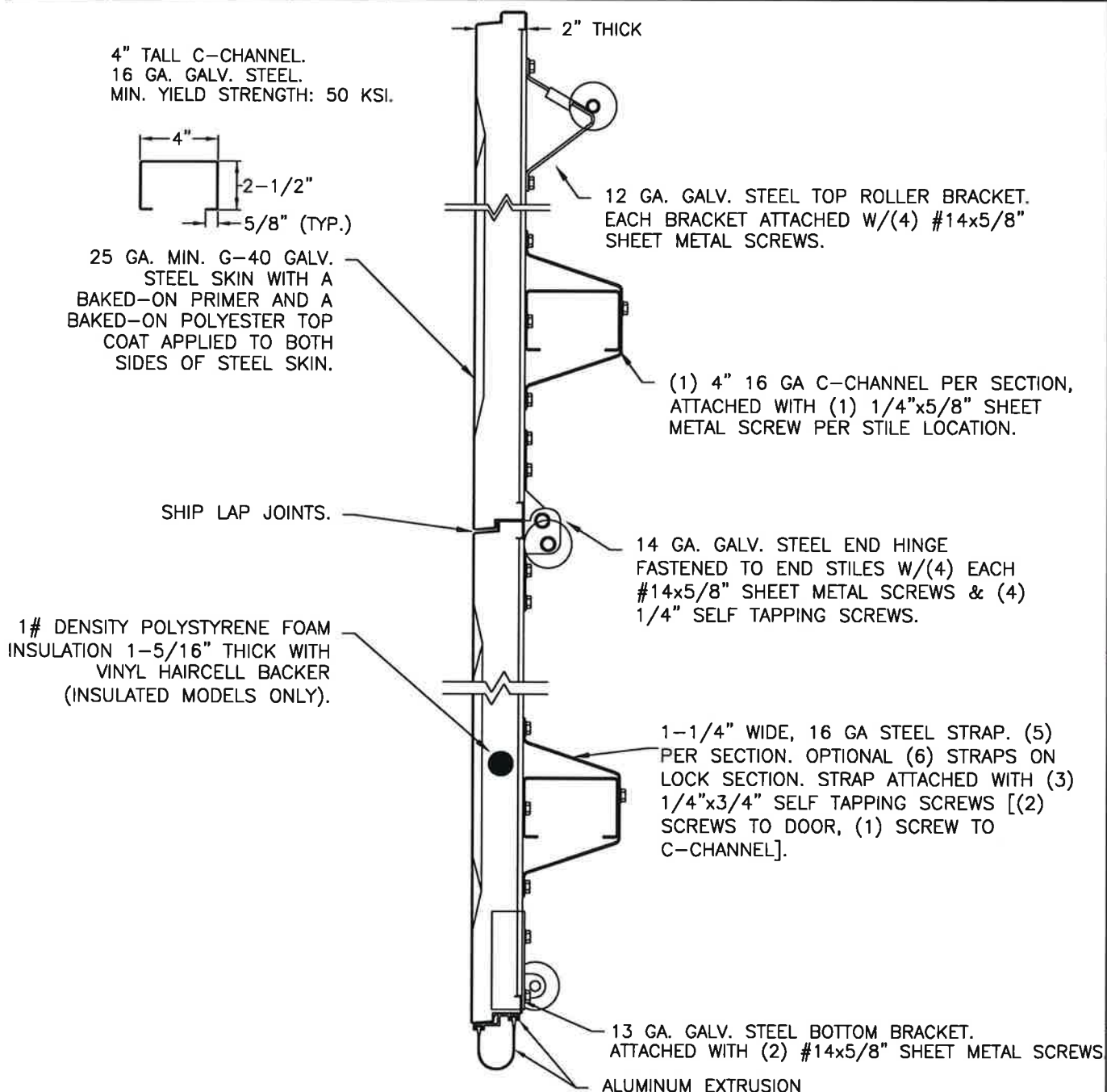
SEE ADDITIONAL DETAILS IN "CONNECTING JAMB TO EXISTING STRUCTURES" JAMB FASTENER ANALYSIS CBPC-JFA-0001 (AVAILABLE ON TDI WEBSITE OR FROM MANUFACTURER).

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:  
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SECTION A-A (SIDE VIEW)

DESIGN LOADS: +25.0 P.S.F. & -25.0 P.S.F.  
TEST LOADS: +37.5 P.S.F. & -35.5 P.S.F.

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.0	= ±.031
.00	= ±.015
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Degrees	= ±1/2'

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**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 18' +25/-25 PSF

DRAWN BY: MWW DATE: 11/30/94  
CHECKED BY: -- DATE: --

DWG. NO.: 101312

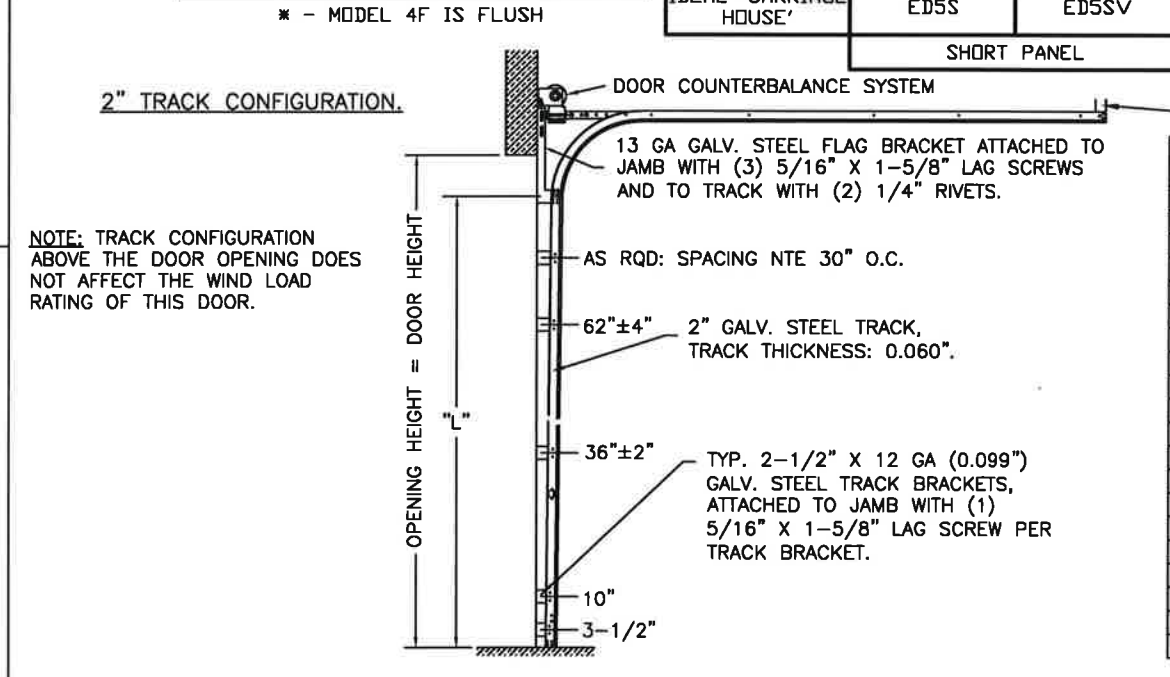
MANUFACTURING PRODUCT CODE PAN-2F153	WINDLOAD RATING W4 DP25
PART NO.: N/A	SCALE: NTS
VER: TDI	DWG. SIZE B

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

'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: 4 OF 4

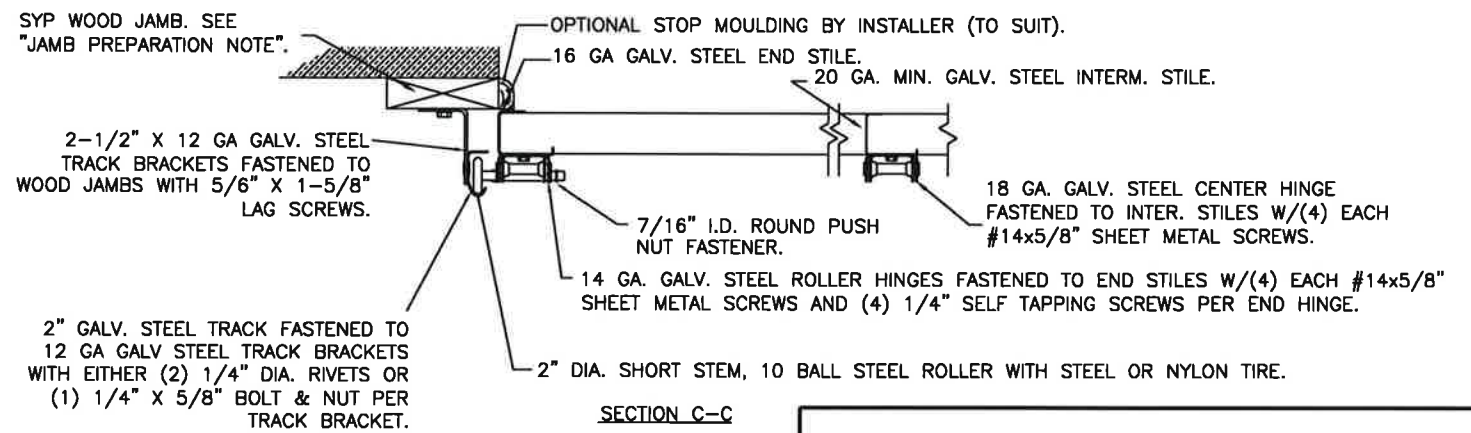
REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
14	-	-	-	-	SEE REVISION HISTORY ON SHEET ONE.



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"

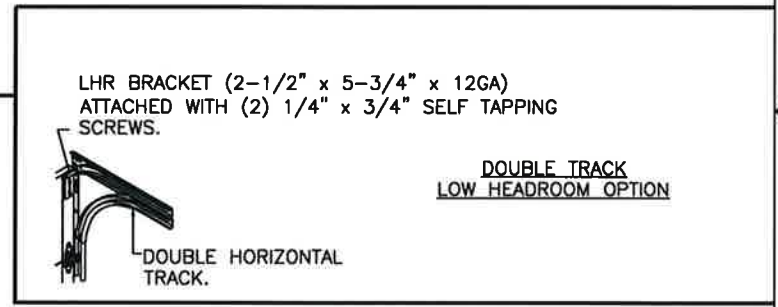
HORIZONTAL TRACK SUPPORT BY DOOR INSTALLER (TO SUIT).

JAMB CONFIGURATION.



SECTION C-C

PREPARATION OF JAMBS BY OTHERS.



3" TRACK IS ALSO AVAILABLE.



*Mark Westerfield*  
7/21/21

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MANUFACTURING PRODUCT CODE  
PAN-2F153

PART NO.: N/A

WINDLOAD RATING  
W4 DP25

DESCRIPTION: CLASSIC AND CH RP STEEL PAN 18' +25/-25 PSF

DRAWN BY: MWW DATE: 11/30/94 SCALE: NTS DWG. SIZE B

CHECKED BY: -- DATE: -- SHEET 4 OF 4  
DWG. NO.: 101312 VER: TDI