

'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

DOOR HEIGHT	# OF SECTIONS	# OF U-BARS
UP TO 7'0"	4	8
7'3" TO 8'9"	5	10
9'0" TO 10'6"	6	12
10'9" TO 12'3"	7	14
12'6" TO 14'0"	8	16
14'3" TO 15'9"	9	18
16'0"	10	20

MAX SECTION HEIGHT: 21"

SHEET: 1 OF 3

REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
15	-	07/2021	-	JDW	UPDATED TITLE BLOCK AND ADDED COMPLIANCE STATEMENT.

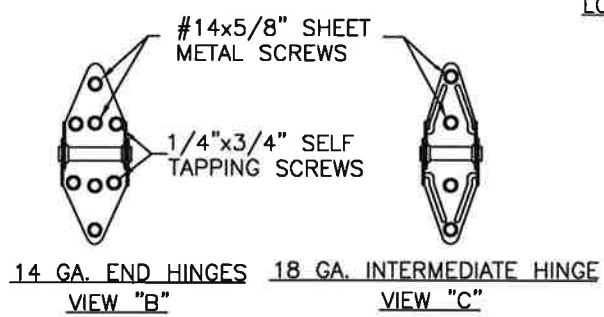
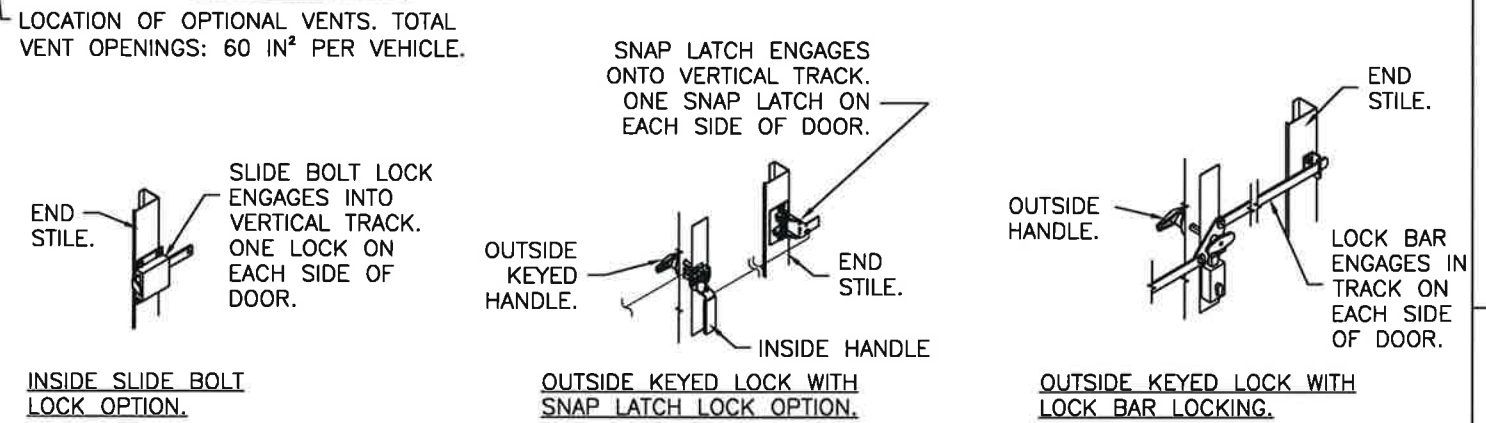
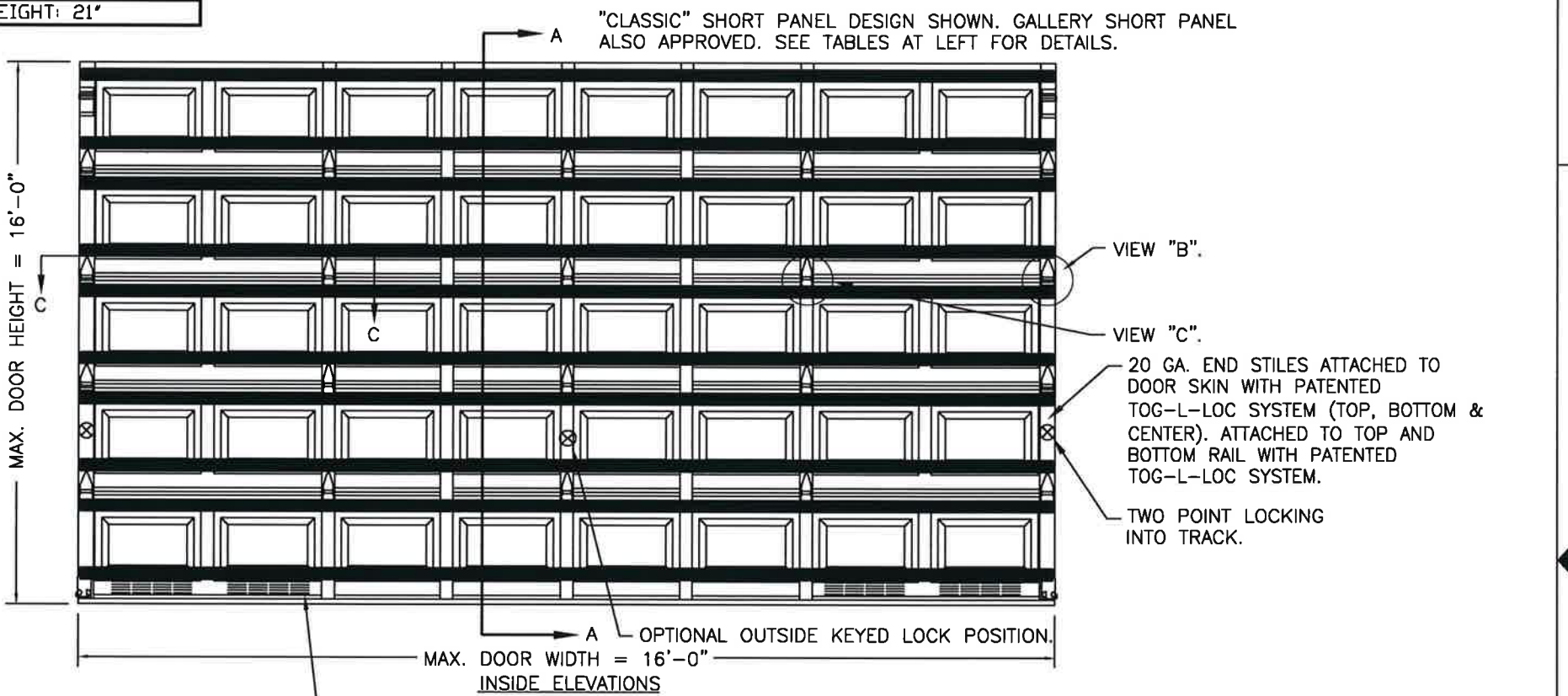
THIS PRODUCT COMPLIES WITH THE 2018 IBC/IRC.

'CLASSIC' RAISED PANEL EMBOSS DOORS		
SHORT PANEL		
DOOR WIDTH	# OF INTERM. STILES	# OF INTERM. HINGES
9'2" TO 9'10"	1	1
10'0" TO 11'10"	2	2
12'0" TO 13'10"	3	2
14'0" TO 15'10"	4	4
16'0" TO 16'2"	5	3

'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

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

EQUIVALENT SECTION CONSTRUCTION:
 FOR ANY OF THE **SHORT-PANEL** MODELS LISTED ON THIS DRAWING, THE FOLLOWING W-LEVEL DOORS USE EQUIVALENT SECTIONS (UP TO THE MAXIMUM WIDTH ALLOWED ON THIS DRAWING).
W2, W3, W4, W5.
 ANY OF THESE W-LEVELS MAY BE SHOWN ON THE OPTIONAL SHIPPING LABEL ON THE END STILE.



STATE OF TEXAS
 MARK WESTERFIELD
 91513
 LICENSED PROFESSIONAL ENGINEER
 7/21/21

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

DESIGN LOADS: +32.0 P.S.F. & -32.0 P.S.F.
 TEST LOADS: +48.0 P.S.F. & -48.0 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 W5 DP32	
DESCRIPTION: CLASSIC AND CH RP STEEL PAN DC +32/-32 PSF	SCALE: NTS
DRAWN BY: MWW	DATE: 1/26/96
CHECKED BY: --	DATE: --
DWG. NO.: 101922	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

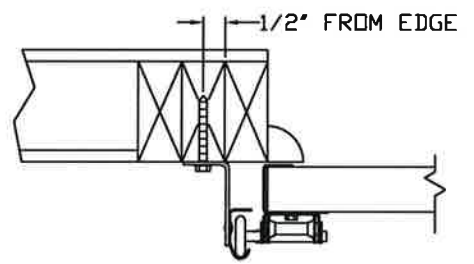
SHORT PANEL

SHEET:
2 OF 3

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 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" 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.

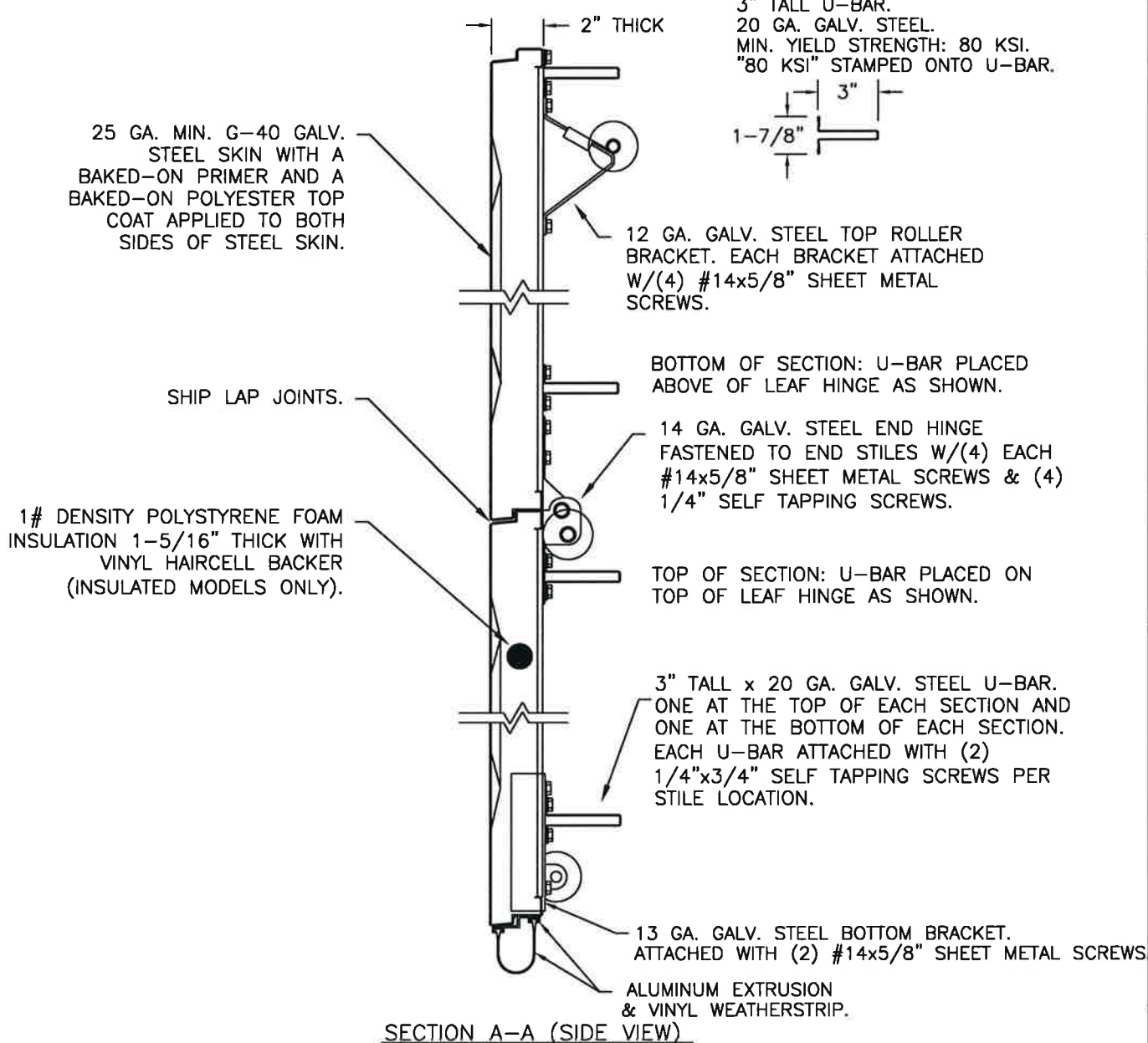
SEE ADDITIONAL DETAILS IN "CONNECTING JAMB TO EXISTING STRUCTURES" JAMB FASTENER ANALYSIS CBPC-JFA-0001 (AVAILABLE ON TDI WEBSITE OR FROM MANUFACTURER).

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



DESIGN LOADS: +32.0 P.S.F. & -32.0 P.S.F.
TEST LOADS: +48.0 P.S.F. & -48.0 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

DESCRIPTION: CLASSIC AND CH RP STEEL PAN DC +32/-32 PSF	DATE: 1/26/96	SCALE: NTS	DWG. SIZE B
DRAWN BY: MWW	DATE: --	SHEET 2 OF 3	
CHECKED BY: --	DATE: --		
DWG. NO.: 101922		VER: TDI	

MANUFACTURING PRODUCT CODE
PAN-2F153

PART NO.: N/A

WINDLOAD RATING
W5 DP32

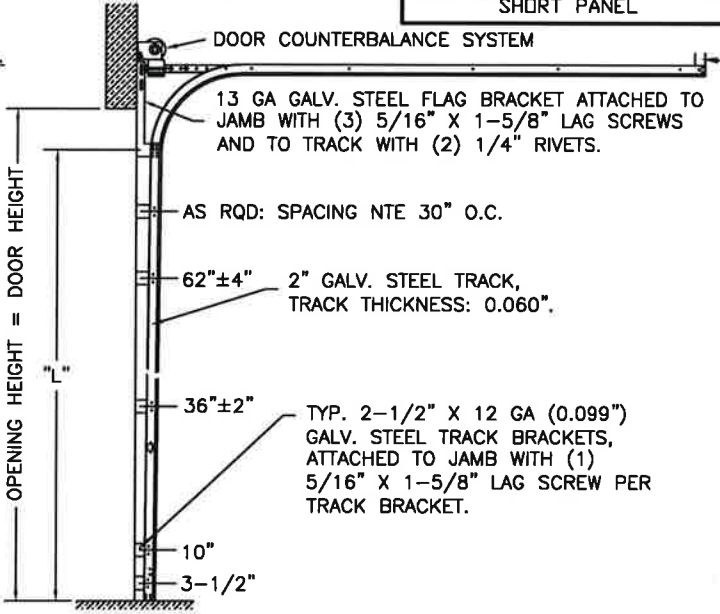
'CLASSIC' RAISED PANEL EMBOSS DOORS				
MODELS	24 GA	24 GA INS	25 GA	25 GA INS
CLOPAY	84A, 94	--	73, 75	1500, 190
IDEAL	4RST, 4F*	4RSF	6RST	6RSF
HOLMES	48, 48B	--	42, 42B	55, 55S

'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: 3 OF 3

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

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

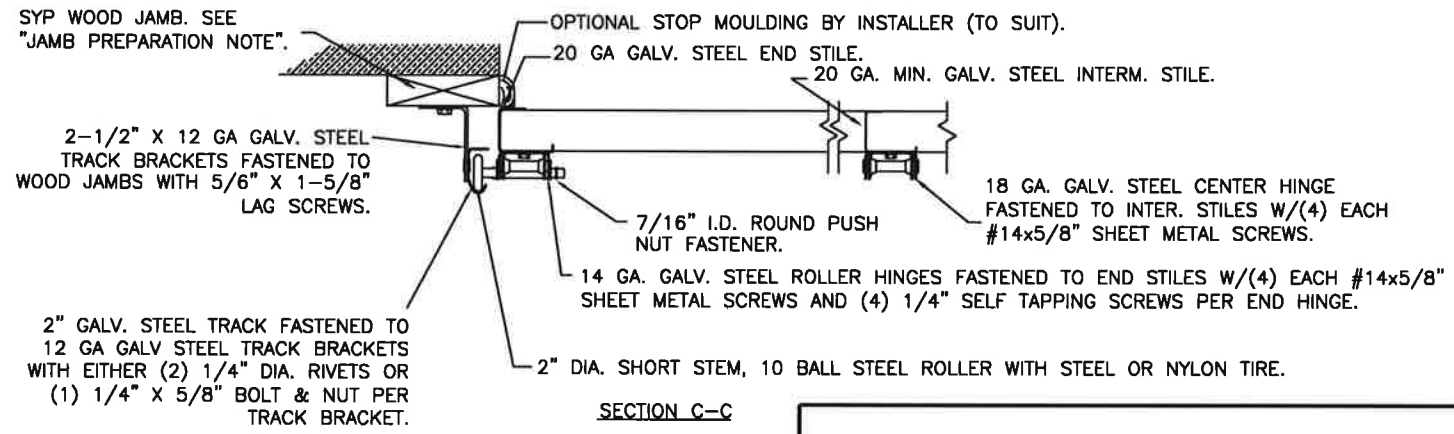


DOOR HEIGHT	"L"
6'-6"	70"
7'-0"	76"
7'-6"	82"
8'-0"	88"
8'-6"	94"
9'-0"	100"
9'-6"	106"
10'-0"	112"
10'-6"	118"
11'-0"	124"
11'-6"	130"
12'-0"	136"
12'-6"	142"
13'-0"	148"
13'-6"	154"
14'-0"	160"
14'-6"	166"
15'-0"	172"
15'-6"	178"
16'-0"	184"

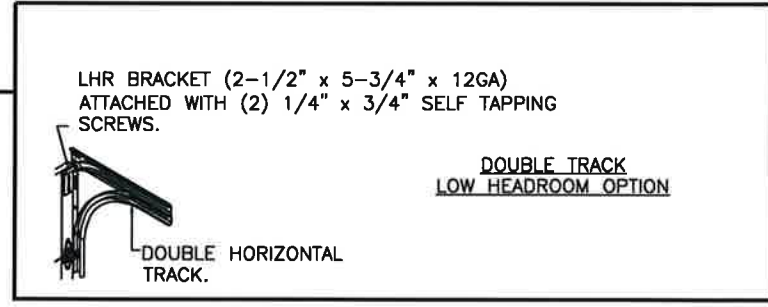
HORIZONTAL TRACK SUPPORT BY DOOR INSTALLER (TO SUIT).

SYP WOOD JAMB. SEE "JAMB PREPARATION NOTE".

JAMB CONFIGURATION.



SECTION C-C PREPARATION OF JAMBS BY OTHERS.



Mark Westerfield
7/21/21

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

DESIGN LOADS: +32.0 P.S.F. & -32.0 P.S.F.
TEST LOADS: +48.0 P.S.F. & -48.0 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

MANUFACTURING PRODUCT CODE
PAN-2F153
PART NO.: N/A

WINDLOAD RATING
W5 DP32

DESCRIPTION: CLASSIC AND CH RP STEEL PAN DC +32/-32 PSF
DRAWN BY: MWW DATE: 1/26/96 SCALE: NTS DWG. SIZE B
CHECKED BY: -- DATE: -- SHEET 3 OF 3
DWG. NO.: 101922 VER: TDI