'CLASSIC' RAISED PANEL EMBOSS DOORS	
MODELS	24 GA
CLOPAY	84A, 94
IDEAL	4RST, 4F*
HOLMES	48, 48B

* - MODEL 4F IS FLUSH

EQUIVALENT SECTION CONSTRUCTION: FOR ANY OF THE MODELS LISTED ON THIS DRAWING, THE FOLLOWING W-LEVEL DOORS USE EQUIVALENT SECTIONS (UP TO THE MAXIMUM WIDTH ALLOWED ON THIS DRAWING).
W6, W7, W8.
ANY OF THESE W-LEVELS MAY BE SHOWN ON THE OPTIONAL SHIPPING LABEL ON THE END STILE.

SHEET: 1 OF 3

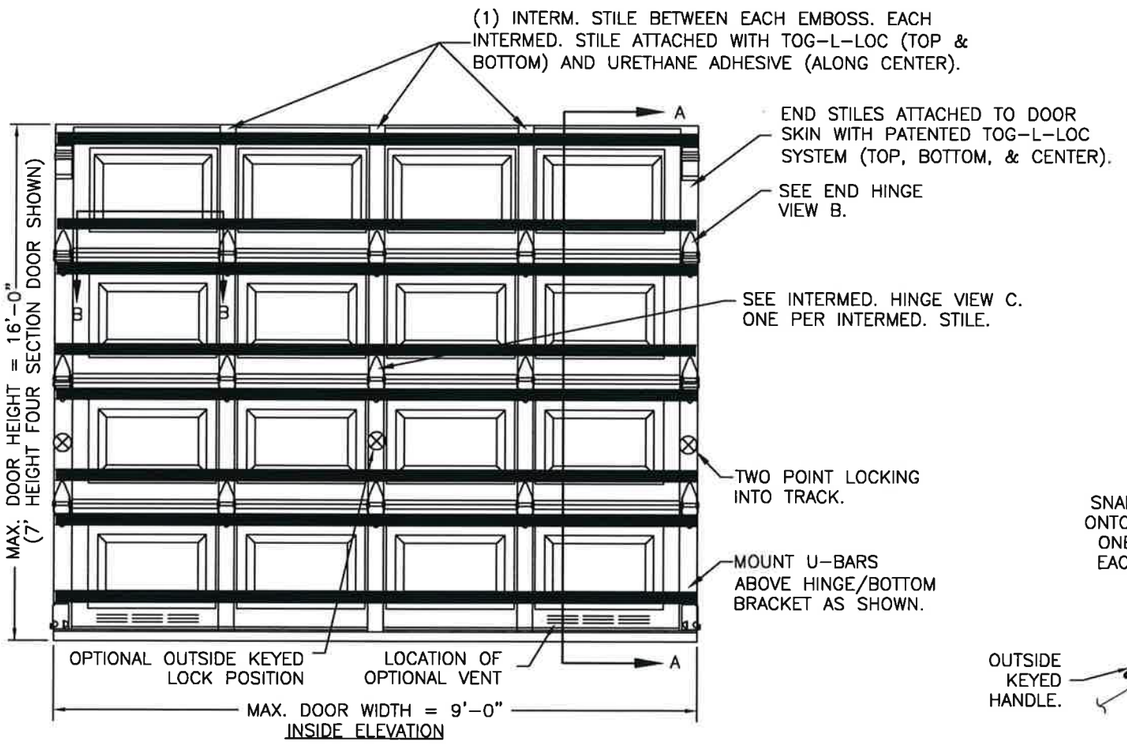
REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
07	–	07/2021	–	JDW	UPDATED TITLE BLOCK AND ADDED COMPLIANCE STATEMENT.

THIS PRODUCT COMPLIES WITH THE 2018 IBC/IRC.

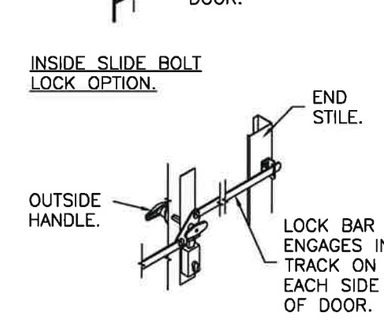
'CLASSIC' RAISED PANEL EMBOSS DOORS		
DOOR WIDTH	# OF INTERM. STILES	# OF INTERM. HINGES
4'2" TO 6'0"	1	1
6'2" TO 7'10"	2	2
8'0" TO 9'0"	3	3

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"		

FOR DOORS WITH IMPACT RESISTANT GLAZING:
REFER TO DRAWING 103547.



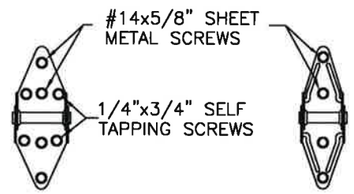
INSIDE ELEVATION



OUTSIDE KEYED LOCK WITH SNAP LATCH LOCK OPTION.

INSIDE SLIDE BOLT LOCK OPTION.

OUTSIDE KEYED LOCK WITH LOCK BAR LOCKING.



14 GA. END HINGES VIEW "B"

18 GA. INTERMEDIATE HINGE VIEW "C"

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: +54.0 P.S.F. & -62.0 P.S.F.
TEST LOADS: +81.0 P.S.F. & -93.0 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-2F143
PART NO.: N/A
WINDLOAD RATING: W8 DP54
DESCRIPTION: CLASSIC AND CH RP STEEL PAN SC +48/-54 PSF
DRAWN BY: RJK | DATE: 4/07/04 | SCALE: NTS | DWG. SIZE B
CHECKED BY: -- | DATE: -- | SHEET 1 OF 3
DWG. NO.: 103287 | VER: TDI

'CLASSIC' RAISED PANEL EMBOSS DOORS	
MODELS	24 GA
CLOPAY	84A, 94
IDEAL	4RST, 4F*
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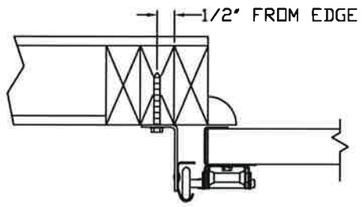
* - MODEL 4F IS FLUSH

REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
07	–	–	–	–	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 ½" 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 16" 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 7" 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.

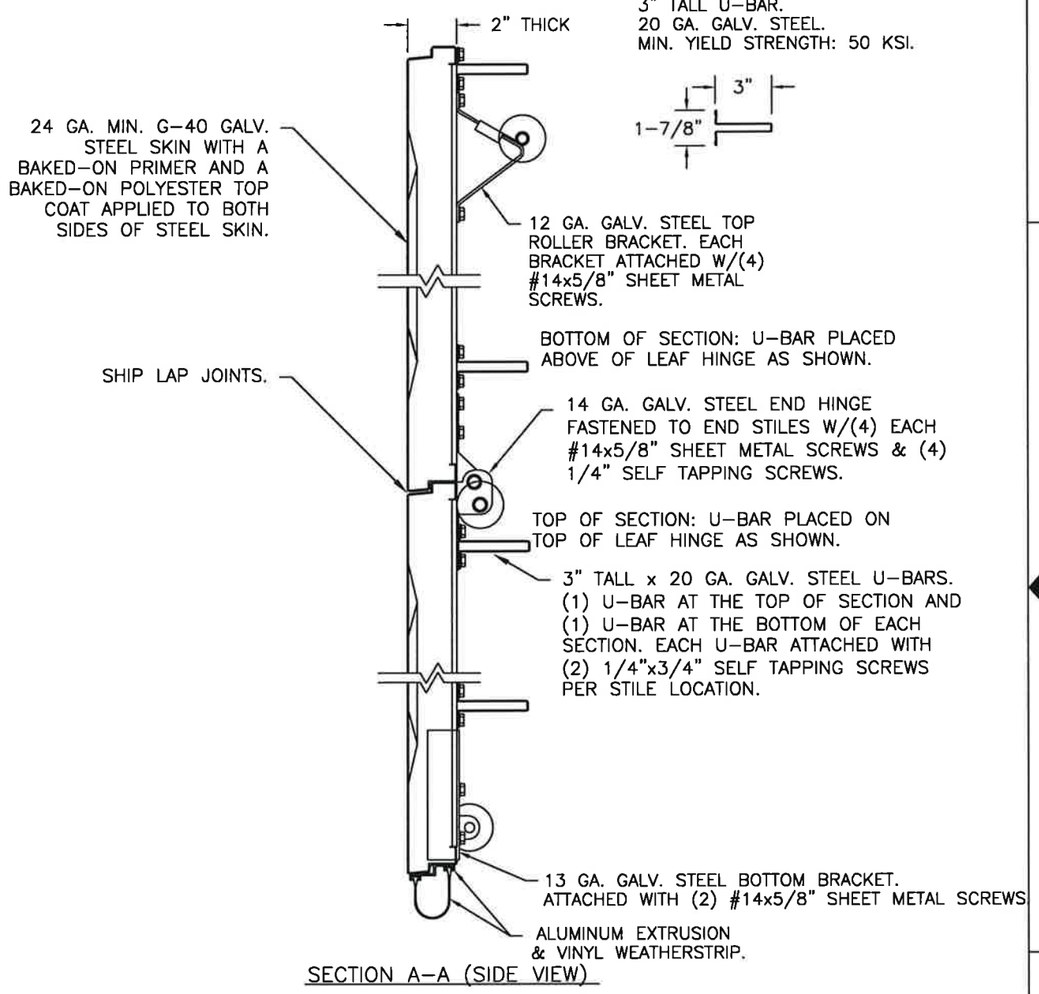
OTHER JAMB CONFIGURATIONS: REFER TO DASMA TDS–161. A LICENSED DESIGN PROFESSIONAL MAY ALSO BE EMPLOYED TO APPROVE ALTERNATE FASTENERS AND/OR JAMB CONFIGURATIONS.

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.

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: +54.0 P.S.F. & –62.0 P.S.F.
TEST LOADS: +81.0 P.S.F. & –93.0 P.S.F.

MANUFACTURING PRODUCT CODE	
PAN–2F143	
PART NO.: N/A	
WINDLOAD RATING	W8 DP54

Unless Stated Otherwise TOLERANCES are
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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 SC +48/–54 PSF			
DRAWN BY: RJK	DATE: 4/07/04	SCALE: NTS	DWG. SIZE B
CHECKED BY: --	DATE: --	SHEET 2 OF 3	
DWG. NO.: 103287		VER: TDI	

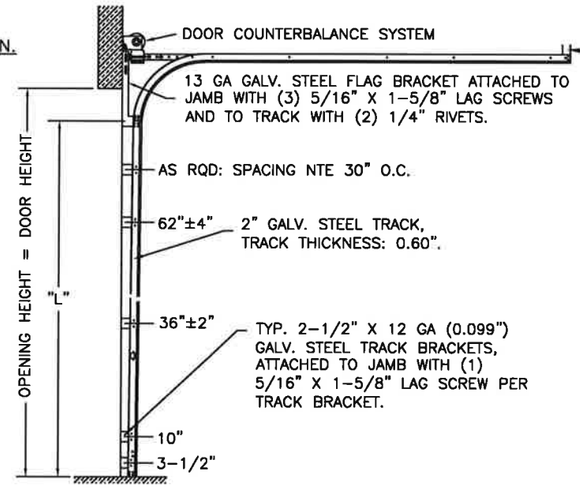
'CLASSIC' RAISED PANEL EMBOSS DOORS	
MODELS	24 GA
CLOPAY	84A, 94
IDEAL	4RST, 4F*
HOLMES	48, 48B

* - MODEL 4F IS FLUSH

SHEET 3 OF 3

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

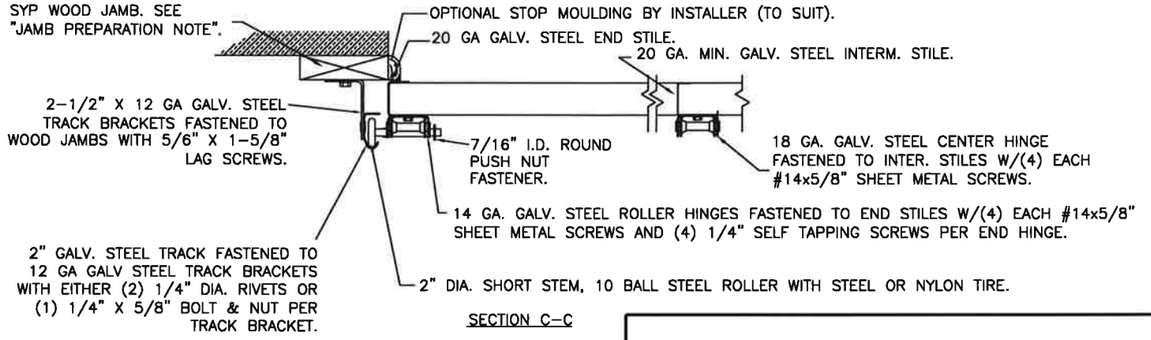
2" TRACK CONFIGURATION.



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"

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

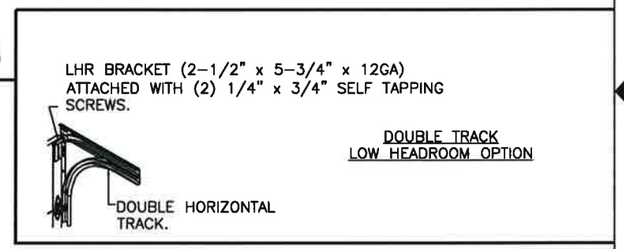
JAMB CONFIGURATION.



SECTION C-C

PREPARATION OF JAMBS BY OTHERS.

3" TRACK IS ALSO AVAILABLE.



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MANUFACTURING PRODUCT CODE: PAN-2F143			
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DRAWN BY: RJK	DATE: 4/07/04	SCALE: NTS	DWG. SIZE B
CHECKED BY: --	DATE: --	SHEET 3 OF 3	
DWG. NO.: 103287		VER: TDI	