

'CLASSIC' RAISED PANEL EMBOSS DOORS				
MODELS	24 GA	25 GA	24 GA	25 GA
CLOPAY	84A, 94	73, 75	96, 96V	75L, 76, 76V
IDEAL	4F*	--	--	--
HOLMES	48B	42B	--	--
	SHORT PANEL		LONG PANEL	

* - MODEL 4F IS FLUSH

'CARRIAGE HOUSE' RAISED PANEL EMBOSS DOORS		
MODELS	25 GA	25 GA
CLOPAY 'GALLERY'	GD5S, GR5S	GD5L, GR5L
HOLMES 'ARTISTRY'	AR5S	AR5L
IDEAL 'CARRIAGE HOUSE'	ED5S	ED5L
	SHORT PANEL	LONG PANEL

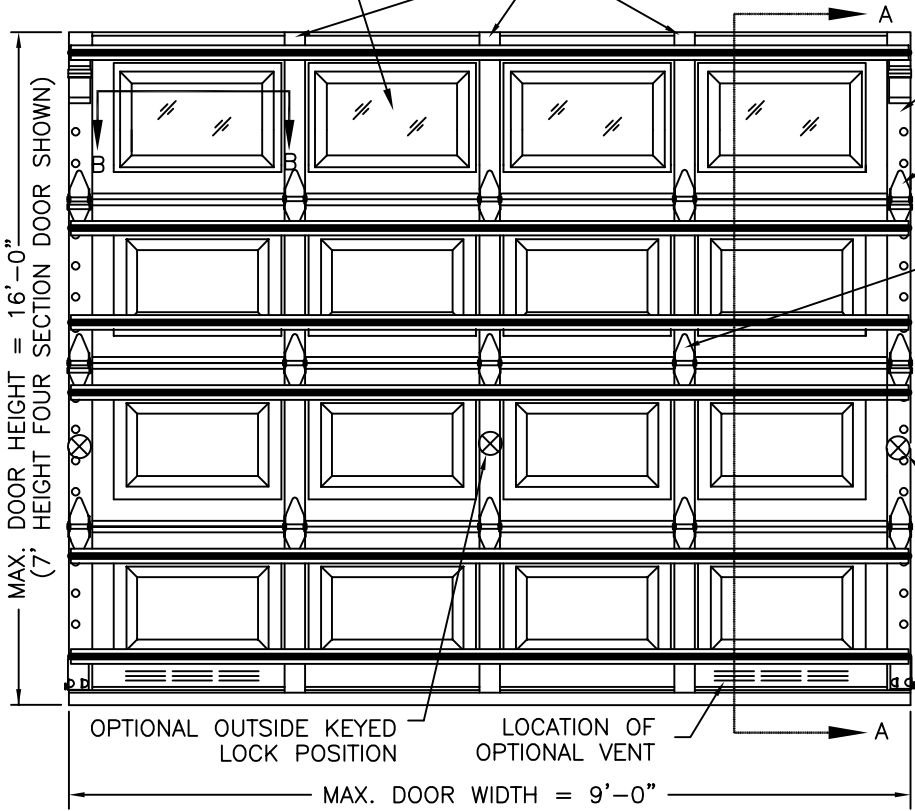
SHEET:
1 OF 4

REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
18	-	5/19/16	-	SH	REVISED ROLLER CALL-OUT.
19	-	11/16/20	-	SH	UPDATED TITLE BLOCK AND REMOVED WIND CHART.
20	-	2/23/24	-	JDW	ADDED M/N 75L, 96, 96V.
21	-	8/11/26	-	JDW	ADDED 25 GAUGE GALLERY LONG PANEL DOORS.

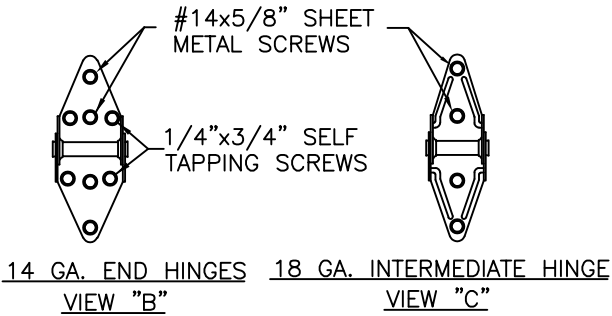
DOOR HEIGHT	# OF SECTIONS	# OF U-BARS
UP TO 7'0"	4	6
7'3" TO 8'9"	5	8
9'0" TO 10'6"	6	9
10'9" TO 12'3"	7	11
12'6" TO 14'0"	8	12
14'3" TO 15'9"	9	14
16'0"	10	15
MAX SECTION HEIGHT: 21'		

OPTIONAL GLAZING MAY BE STANDARD OR IMPACT RESISTANT GLAZING. SEE SECTION B-B ON SHEET 2 FOR DETAILS. MAX. STANDARD SIZE IS 19-1/2"x16". IMPACT RESISTANT GLAZING IS 21-5/8"x14-1/8". MAX DLO SIZE IS 18-1/2"x11",

SHORT PANEL/FLUSH MODELS: (1) INTERMEDIATE STILE BETWEEN EACH EMBOSS [(3) STILES PER SECTION AT 9'0" WIDE]. EACH INTERM. STILE ATTACHED WITH TOG-L-LOC (TOP & BOTTOM) AND URETHANE ADHESIVE (ALONG CENTER).
LONG PANEL MODELS: (3) TOTAL STILES PER SECTION. (1) STANDARD INTERMEDIATE STILE BETWEEN EACH EMBOSS. EACH STANDARD INTERM. STILE ATTACHED WITH TOG-L-LOC (TOP & BOTTOM) AND URETHANE ADHESIVE (ALONG CENTER). EXTRA INTERM. STILES (1) PER LONG PANEL PER SECTION, FIELD-INSTALLED WITH (4) #8 SMS (PER STILE).



'CLASSIC' SHORT RAISED-PANEL SHOWN. LONG 'CLASSIC' AND SHORT 'CARRIAGE HOUSE' ARE ALSO APPROVED.



END STILES ATTACHED TO DOOR SKIN WITH PATENTED TOG-L-LOC SYSTEM (TOP, BOTTOM, & CENTER).

SEE END HINGE VIEW B.

SEE INTERMED. HINGE VIEW C.

TWO POINT LOCKING INTO TRACK

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

OUTSIDE KEYED LOCK WITH SNAP LATCH LOCK OPTION.

SLIDE BOLT LOCK ENGAGES INTO VERTICAL TRACK. ONE LOCK ON EACH SIDE OF DOOR.

INSIDE SLIDE BOLT LOCK OPTION.

LOCK BAR ENGAGES IN TRACK ON EACH SIDE OF DOOR.

OUTSIDE KEYED LOCK WITH LOCK BAR LOCKING.

JAMES D. WHEELER

LICENSE

No. 91932

STATE OF

FLORIDA

PROFESSIONAL ENGINEER

Jim Wheeler

DESIGN ENGINEER:

JAMES D. WHEELER, P.E.

FLORIDA LICENSE No. 91932

Digitally signed by Jim Wheeler

Date: 2026.08.20 13:16:33 -04'00'

DESIGN LOADS: +38.0 P.S.F. & -44.0 P.S.F.
TEST LOADS: +57.0 P.S.F. & -66.0 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 SC +38/-44 PSF			
DRAWN BY: MW	DATE: 3/15/95	SCALE: NTS	DWG. SIZE B
CHECKED BY: --	DATE: --	SHEET 1 OF 4	
DWG. NO.: 101348 - A/B	VER: IBC		

MANUFACTURING PRODUCT CODE
PAN-2F151

PART NO.: N/A

WINDLOAD RATING
W6 DP38

4

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	SHORT PANEL		LONG PANEL	
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'CARRIAGE HOUSE' RAISED PANEL EMBOSS DOORS		
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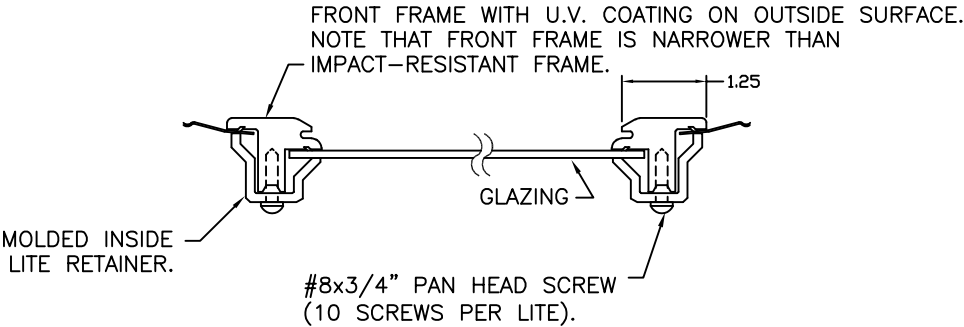
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SHEET: 2 OF 4		REVISIONS				
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION	
21	-	-	-	-	SEE REVISION HISTORY ON SHEET ONE.	

STANDARD ASSEMBLY CONSTRUCTION:
OPTIONAL DSB OR 1/8" ACYRLIC 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 101348-B

DESIGN ENGINEER:
JAMES D. WHEELER, P.E.
FLORIDA LICENSE No. 91932

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TEST LOADS: +57.0 P.S.F. & -66.0 P.S.F.

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SHEET 2 OF 4

SIZE

DWG. NO.: 101348 - A/B

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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 22" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS.
OR
1/4"x3" TAPCON SCREWS ON 19" CENTERS (2,000 PSI MIN. CONCRETE) OR 10" 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.

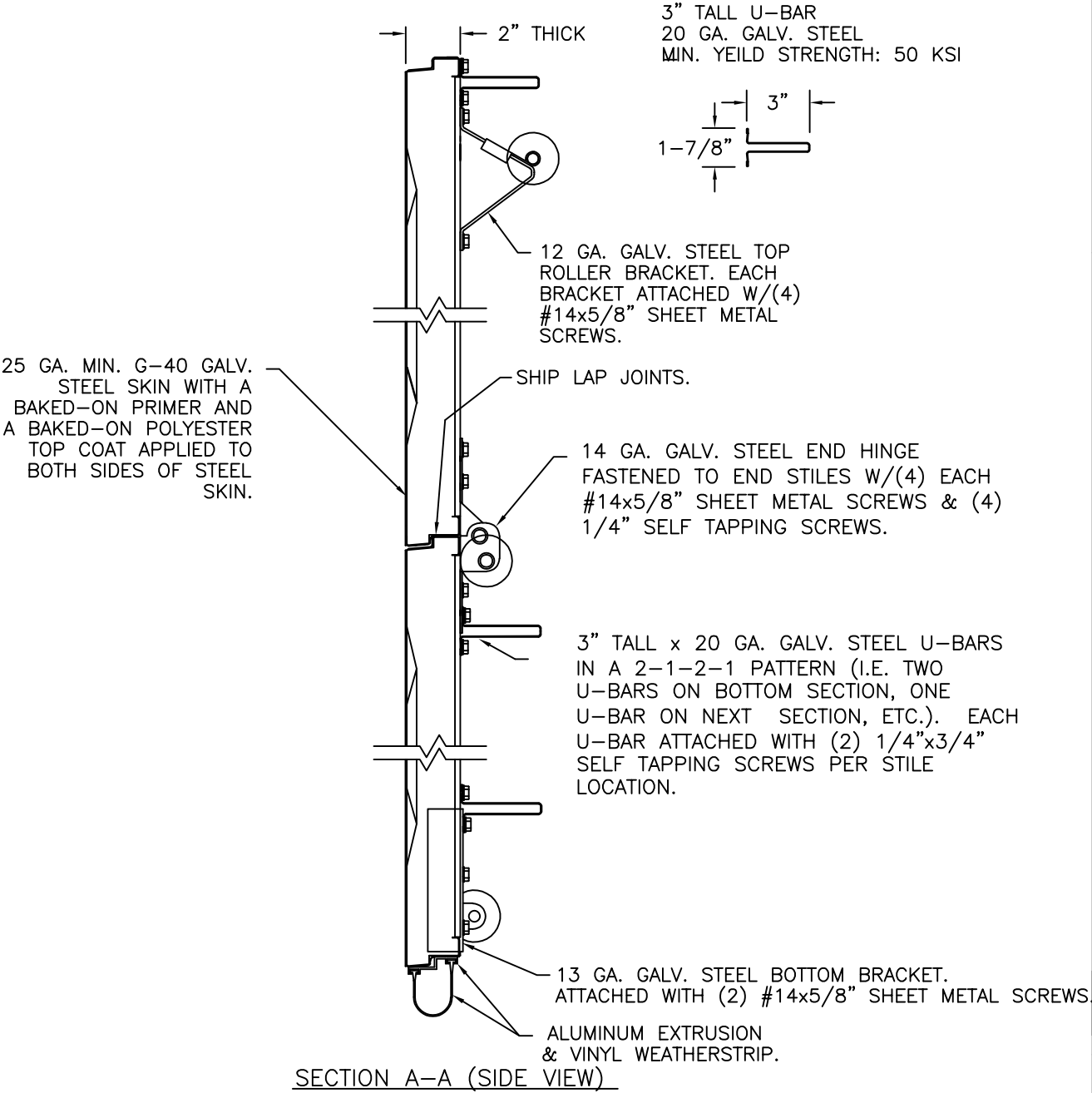
PREPARATION OF JAMBS BY OTHERS
NOTE: THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

DESIGN ENGINEER:
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2

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SHEET:		REVISIONS				
3 OF 4		REV. NO.	ZONE:	DATE:	ECN NO.	APPVD: DESCRIPTION
		21	-	-	-	SEE REVISION HISTORY ON SHEET ONE.



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Unless Stated Otherwise TOLERANCES are .0 = ±.031 .00 = ±.015 .000 = ±.005 .0000 = ±.001 Degrees = ±1/2'		PART NO.: N/A	
Unless Stated Otherwise DIMENSIONS ARE IN INCHES.		WINDLOAD RATING W6 DP38	
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 +38/-44 PSF	
DRAWN BY: MW		DATE: 3/15/95	SCALE: NTS
CHECKED BY: --		DATE: --	DWG. SIZE B
DWG. NO.: 101348 - A/B		SHEET 3 OF 4	
		VER: IBC	

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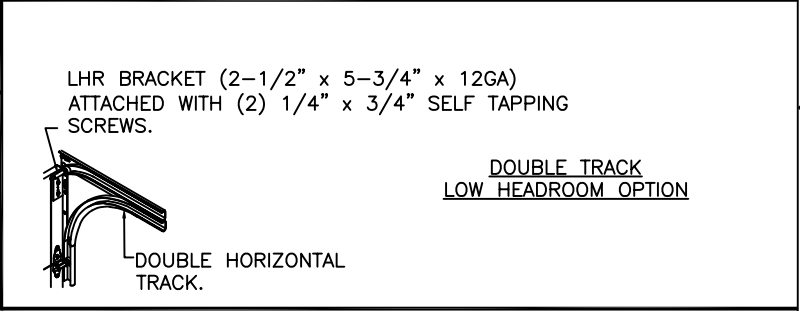
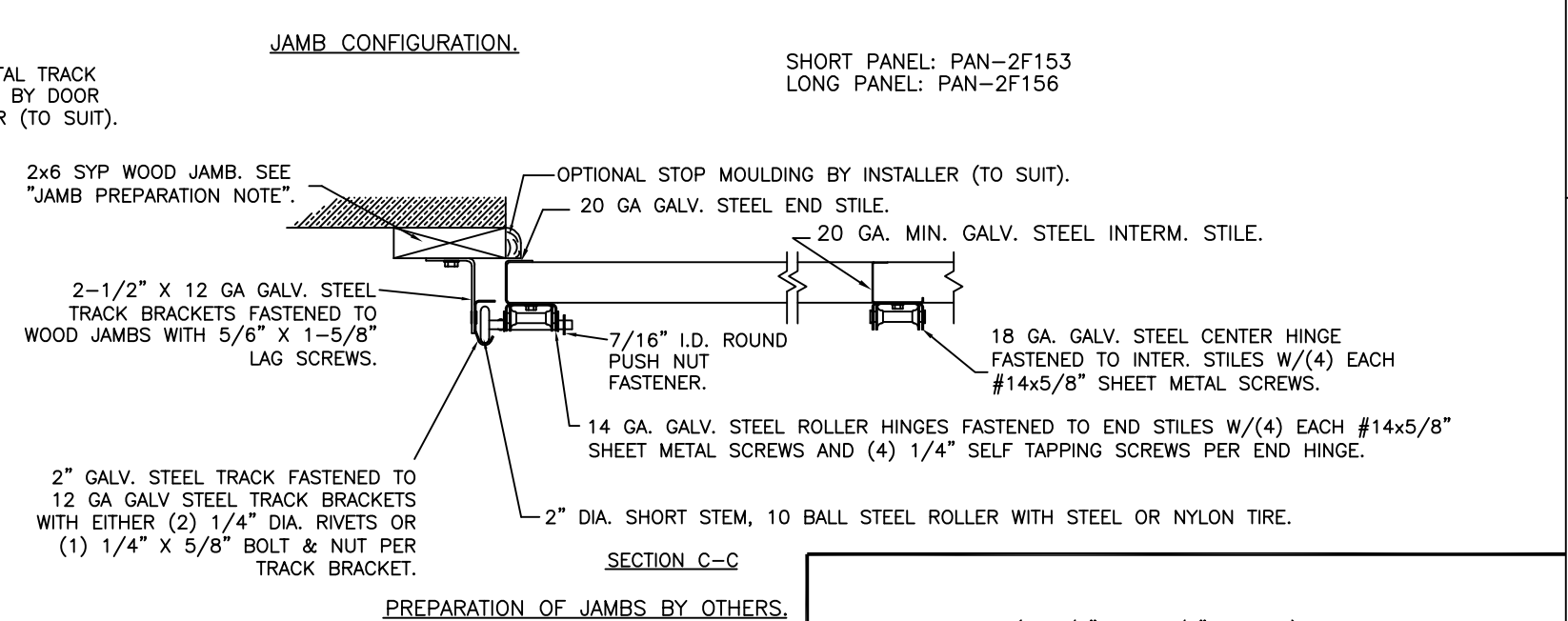
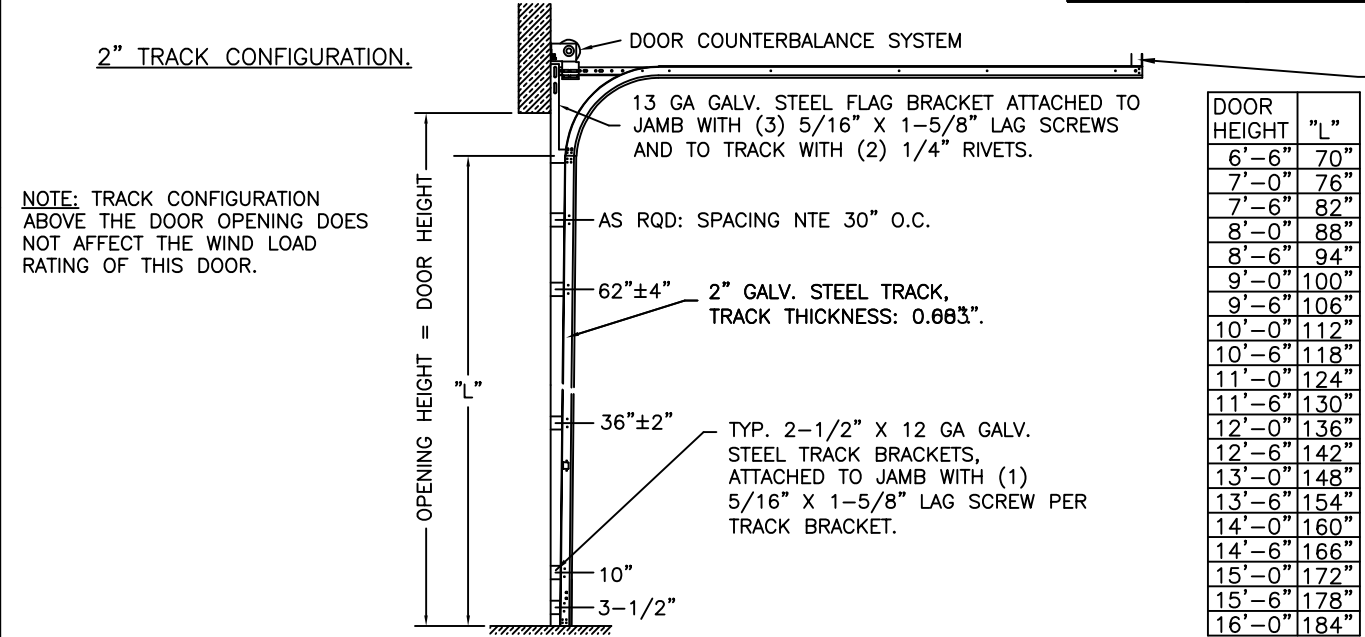
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IDEAL 'CARRIAGE HOUSE'	ED5S	ED5L
	SHORT PANEL	LONG PANEL

2

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