

| 'CLASSIC' RAISED PANEL EMBOSS DOORS |         |           |        |            |       |           |         |           |
|-------------------------------------|---------|-----------|--------|------------|-------|-----------|---------|-----------|
| MODELS                              | 24 GA   | 24 GA INS | 25 GA  | 25 GA INS  | 24 GA | 24 GA INS | 25 GA   | 25 GA INS |
| CLOPAY                              | 84A, 94 | 94V       | 73, 75 | 1500, 190  | 96    | 96V       | 75L, 76 | 76V       |
| IDEAL                               | 4F*     | --        | --     | --         | --    | --        | --      | --        |
| HOLMES                              | 48B     | --        | 42B    | 55S        | --    | --        | --      | --        |
| SHORT PANEL                         |         |           |        | LONG PANEL |       |           |         |           |

\* - MODEL 4F IS FLUSH

| 'CARRIAGE HOUSE' RAISED PANEL EMBOSS DOORS |            |              |            |              |
|--------------------------------------------|------------|--------------|------------|--------------|
| MODELS                                     | 25 GA      | 25 GA INS    | 25 GA      | 25 GA INS    |
| CLOPAY 'GALLERY'                           | GD5S, GR5S | GD5SV, GR5SV | GD5L, GR5L | GD5LV, GR5LV |
| HOLMES 'ARTISTRY'                          | AR5S       | AR5SV        | AR5L       | AR5LV        |
| IDEAL 'CARRIAGE HOUSE'                     | ED5S       | ED5SV        | ED5L       | ED5LV        |
| SHORT PANEL                                |            | LONG PANEL   |            |              |

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

MINIMUM OF (1) INTERMEDIATE STILE PER SECTION, ATTACHED W/ TOG-L-LOC (TOP & BOT) AND URETHANE ADHESIVE (ALONG CENTER).

OPTIONAL GLAZING MAY BE STANDARD OR IMPACT RESISTANT GLAZING. SEE SECTION B-B FOR DETAILS.  
MAX. STANDARD SIZE IS 42"x16".  
IMPACT RESISTANT GLAZING IS 21-5/8"x14-1/8".

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

LOCK POSITION (BOTH SIDES)  
TWO POINT LOCKING

ONE 3" TALL x 20 GA. U-BAR (MIN. YIELD: 50 KSI) PER DOOR SECTION, EXCEPT BOTTOM SECTION WHICH REQUIRES TWO U-BARS.

LOCATION OF OPTIONAL VENTS  
OPTIONAL OUTSIDE KEYED LOCK POSITION  
MAX. DOOR WIDTH 9'0"

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

#### 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

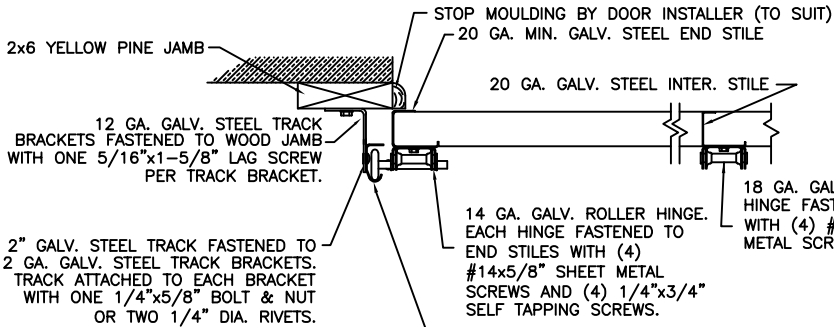
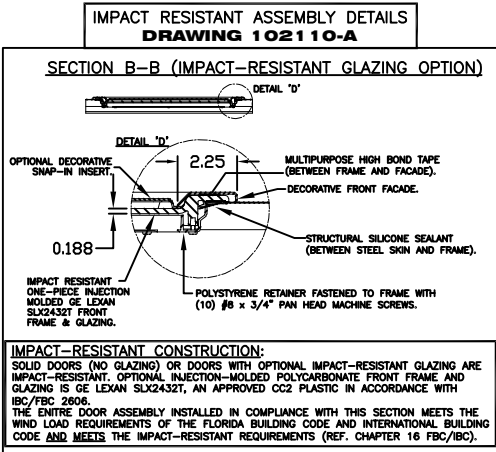
(C-90 BLOCK OR 2,000 PSI MIN. CONCRETE COLUMN):

3/8"x3" SLEEVE ANCHOR BOLTS ON 24" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS.

OR

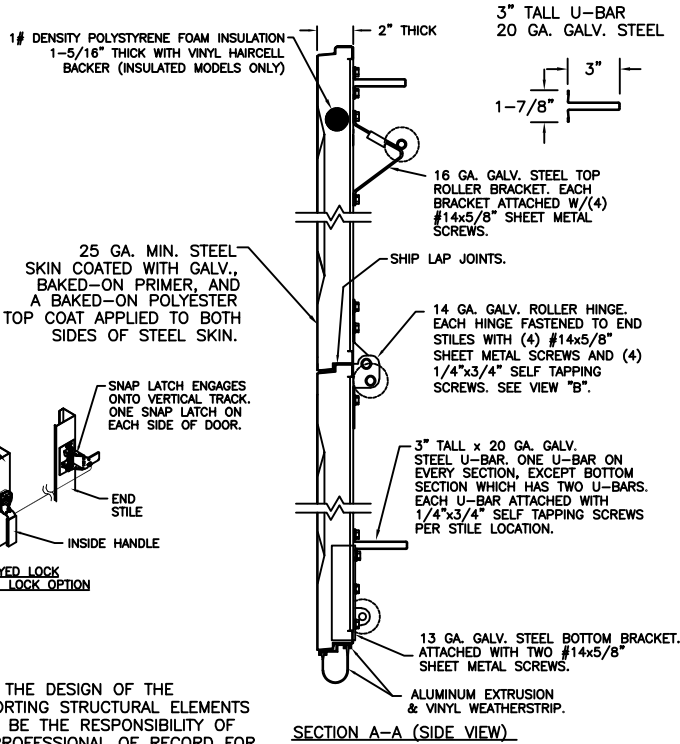
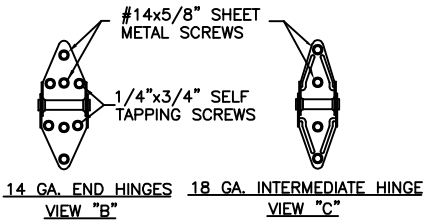
1/4"x3" TAPCON SCREWS ON 24" CENTERS (2,000 PSI MIN. CONCRETE) OR 24" CENTERS (C-90 BLOCK), 1" O.D. WASHERS REQUIRED WITH TAPCONS. ANCHORS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

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

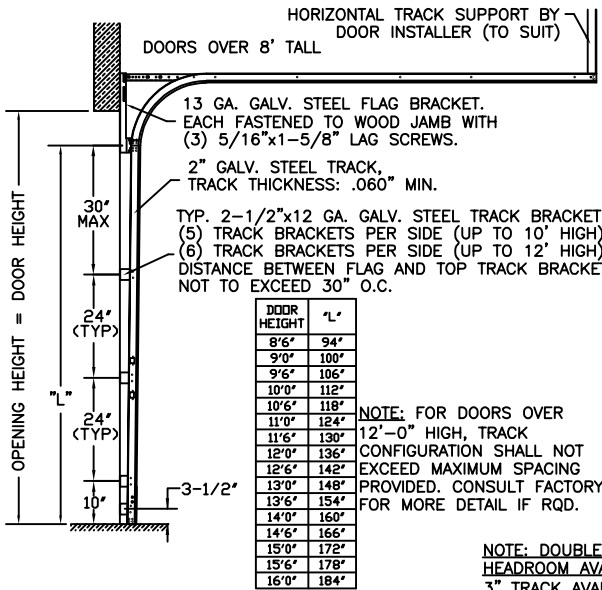


PREPARATION OF JAMBS BY OTHERS.

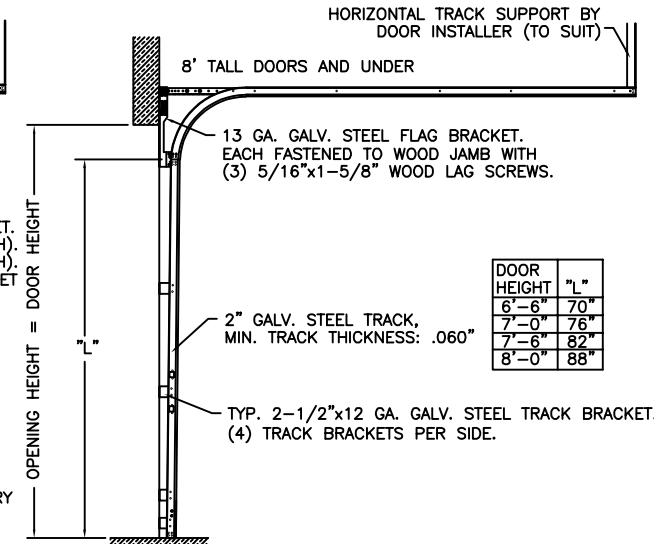
JAMB CONFIGURATION  
SECTION C-C



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.

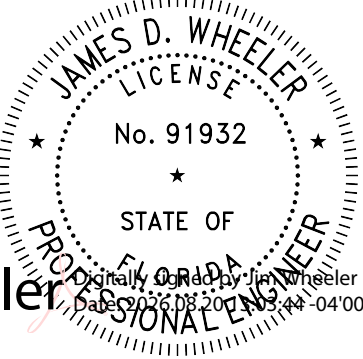
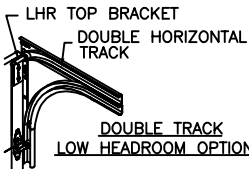


NOTE: DOUBLE TRACK LOW HEADROOM AVAILABLE. 3" TRACK AVAILABLE AS NEEDED.



DESIGN LOADS: +30.0 P.S.F. & -32.0 P.S.F.  
TEST LOADS: +45 P.S.F. & -48.0 P.S.F.

| REV | DATE     | DESCRIPTION                                              |
|-----|----------|----------------------------------------------------------|
| 10  | 9/2005   | ADDED ROLLER OPTION                                      |
| 11  | 5/2007   | ADDED IMPACT RESISTANT LITE OPTION                       |
| 12  | 11/30/07 | ADDED 76V, COMBINED CLOPAY, HOLMES AND IDEAL M/N         |
| 13  | 08/08/08 | ADDED M/N 42B, 48B, 55S                                  |
| 14  | 10/21/08 | ADDED M/N 4F                                             |
| 15  | 12/2009  | ADDED 'CARRIAGE HOUSE' EMBOSS DOORS.                     |
| 16  | 08/26/10 | ADDED IMPACT RESISTANT ASSY (-A) AND STANDARD ASSY (-B). |
| 17  | 01/2012  | REVISED WIND SPEED TABLE FOR ASCE7-10.                   |
| 18  | 11/10/20 | UPDATED TITLE BLOCK AND REMOVED WIND CHART.              |
| 19  | 02/23/24 | ADDED M/N 96, 96V.                                       |
| 20  | 08/06/26 | ADDED 'CARRIAGE HOUSE' LONG PANEL DOORS, M/N 94V.        |



DESIGN ENGINEER: JAMES D. WHEELER, P.E.  
FLORIDA P.E. #91932

**Clopay**  
CORPORATION

8585 DUKE BLVD.  
MASON, OH 45040  
(513) 770-4800

Clopay Corporation All Rights Reserved.

|                                         |  |                                                                            |                                 |             |
|-----------------------------------------|--|----------------------------------------------------------------------------|---------------------------------|-------------|
| MANUFACTURING PRODUCT CODE<br>PAN-2F151 |  | WINDLOAD RATING<br>W5                                                      | MAX. DOOR SIZE:<br>9'W x 16'H   |             |
| DATE:<br>9/23/96                        |  | DESCRIPTION:<br>CLASSIC AND CH RP STEEL PAN<br>SINGLE-CAR, 9'W +30/-32 PSF |                                 |             |
| DRAWN BY:<br>MWW                        |  |                                                                            |                                 |             |
| CHECKED BY:                             |  | B                                                                          | DRAWING NUMBER:<br>102110 - A/B | VER:<br>IBC |
|                                         |  |                                                                            |                                 |             |