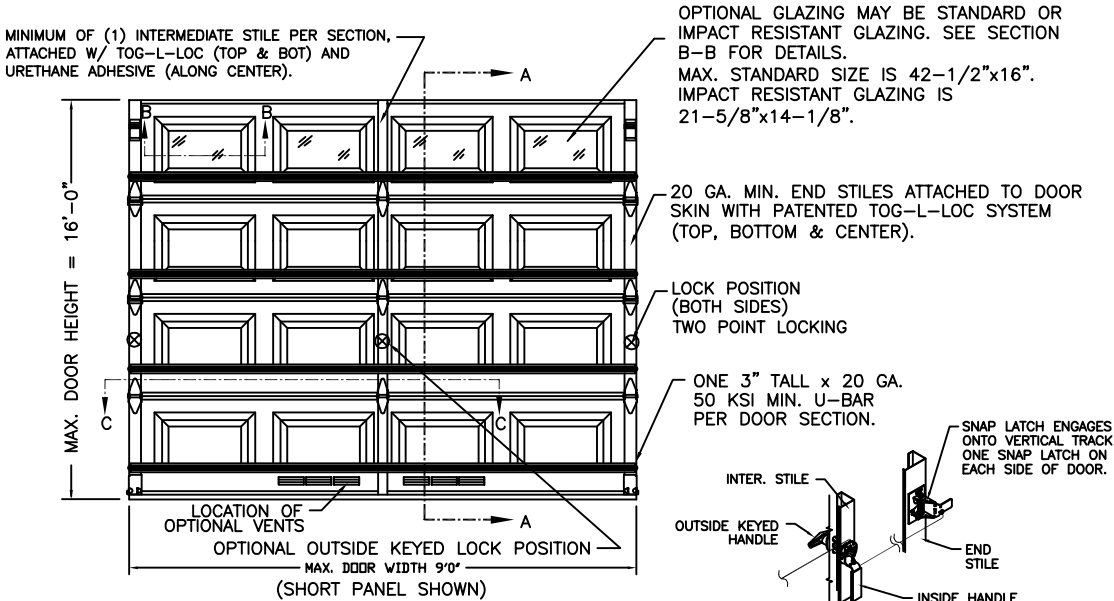


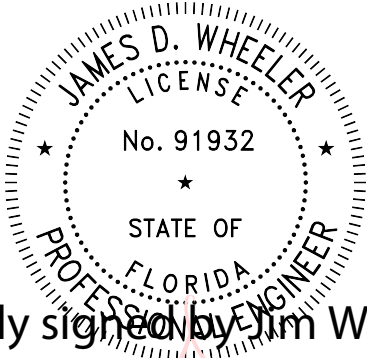
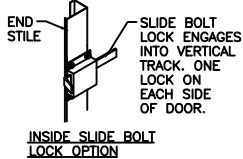
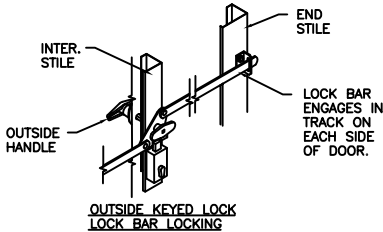
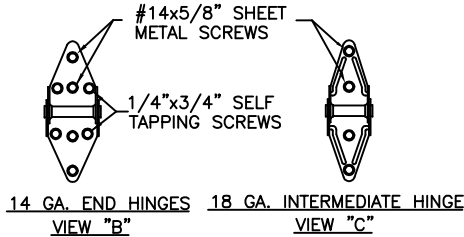
| 'CLASSIC' RAISED PANEL EMBOSS DOORS |           |           |         |            |       |           |         |           |
|-------------------------------------|-----------|-----------|---------|------------|-------|-----------|---------|-----------|
| MODELS                              | 24 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                               | 4RST, 4F* | 4RSF      | 6RST    | 6RSF       | --    | --        | 2RST    | --        |
| HOLMES                              | 48, 48B   | --        | 42, 42B | 55, 55S    | --    | --        | --      | --        |
| SHORT PANEL                         |           |           |         | LONG PANEL |       |           |         |           |

\* - MODEL 4F IS FLUSH

| 'CARRIAGE HOUSE' RAISED PANEL EMBOSS DOORS |       |             |       |            | DOOR HEIGHT    |                         | # OF SECTIONS |
|--------------------------------------------|-------|-------------|-------|------------|----------------|-------------------------|---------------|
| MODELS                                     | 25 GA | 25 GA INS   | 25 GA | 25 GA INS  |                |                         |               |
| CLOPAY<br>'GALLERY'                        | GD5S, | GD5SV,      | --    | --         | UP TO 7'0"     |                         | 4             |
|                                            | GR5S  | GR5SV       |       |            | 7'3" TO 8'9"   |                         | 5             |
| HOLMES<br>'ARTISTRY'                       | AR5S  | AR5SV       | --    | --         | 9'0" TO 10'6"  |                         | 6             |
|                                            |       |             |       |            | 10'9" TO 12'3" |                         | 7             |
| IDEAL<br>'CARRIAGE HOUSE'                  | ED5S  | ED5SV       | --    | --         | 12'6" TO 14'0" |                         | 8             |
|                                            |       |             |       |            | 14'3" TO 15'9" |                         | 9             |
|                                            |       |             |       |            | 16'0"          |                         | 10            |
|                                            |       | SHORT PANEL |       | LONG PANEL |                | MAX SECTION HEIGHT: 21' |               |



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

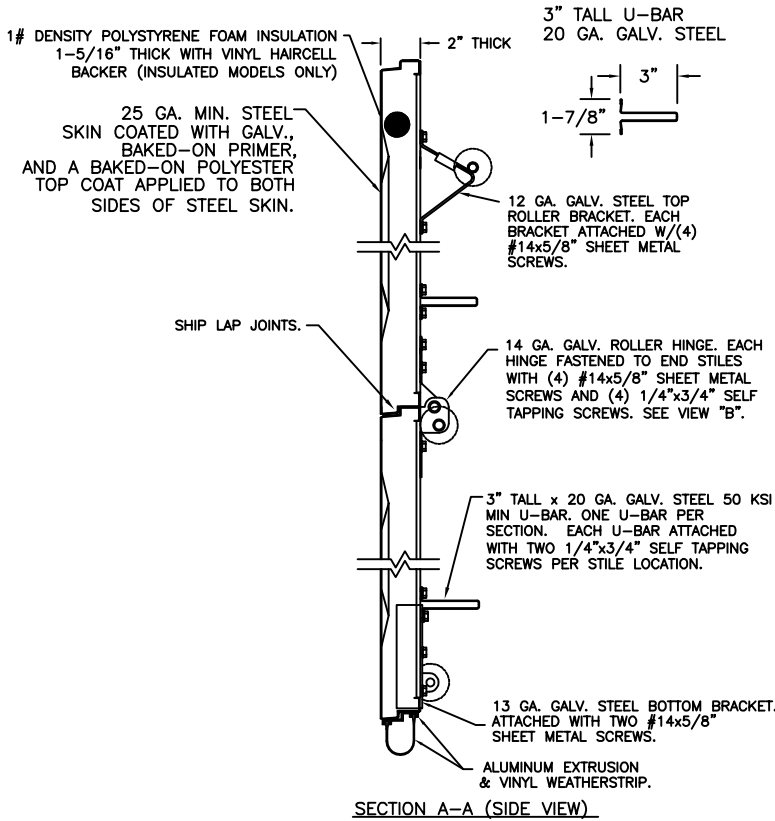


Digitally signed by Jim Wheeler  
Date: 2024.02.28 16:39:22 -05'00'

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

SHEET 1 OF 2

| REV | DATE     | DESCRIPTION                                                         |
|-----|----------|---------------------------------------------------------------------|
| 08  | 05/19/05 | UPDATED CODE REF.                                                   |
| 09  | 09/26/05 | ADDED ROLLER OPTION                                                 |
| 10  | 11/30/07 | ADDED 76V, EXTENDED HEIGHTS, COMBINED CLOPAY, HOLMES, AND IDEAL M/N |
| 11  | 08/08/08 | ADDED M/N 42B, 48B, 55S                                             |
| 12  | 10/21/08 | ADDED M/N 4F                                                        |
| 13  | 12/2009  | ADDED 'CARRIAGE HOUSE' EMBOSS DOORS.                                |
| 14  | 08/2010  | REVISED MODEL TABLES.                                               |
| 15  | 01/2012  | REVISED WIND SPEED TABLE FOR ASCE7-10.                              |
| 16  | 04/2012  | ADDED IMPACT RESISTANT OPTION.                                      |
| 17  | 11/09/20 | UPDATED TITLE BLOCK AND REMOVED WIND CHART.                         |
| 18  | 07/20/22 | ADDED 94V.                                                          |
| 19  | 02/23/24 | ADDED M/N 96, 96V.                                                  |



DESIGN LOADS: +25.0 P.S.F. & -32.0 P.S.F.  
TEST LOADS: +37.5 P.S.F. & -48.0 P.S.F.

SEE SHEET TWO FOR  
IMPACT RESISTANT CONSTRUCTION DETAIL "A"  
AND STANDARD CONSTRUCT DETAIL "B";  
TRACK AND JAMB DETAILS.

**Clopay**  
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MASON, OH 45040  
(513) 770-4800

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|                                         |                                                                            |                               |
|-----------------------------------------|----------------------------------------------------------------------------|-------------------------------|
| MANUFACTURING PRODUCT CODE<br>PAN-2F151 | WINDLOAD RATING<br>W4                                                      | 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 +25/-32 PSF |                               |
| DRAWN BY:<br>MWW                        | B                                                                          | DRAWING NUMBER:<br>300159     |
| CHECKED BY:                             |                                                                            | VER:<br>IBC                   |

FLORIDA PRODUCT APPROVAL 15279

| 'CLASSIC' RAISED PANEL EMBOSS DOORS |           |           |         |            |         |           |
|-------------------------------------|-----------|-----------|---------|------------|---------|-----------|
| MODELS                              | 24 GA     | 24 GA INS | 25 GA   | 25 GA INS  | 25 GA   | 25 GA INS |
| CLOPAY                              | 84A, 94   | 94V       | 73, 75  | 1500, 190  | 75L, 76 | 76V       |
| IDEAL                               | 4RST, 4F* | 4RSF      | 6RST    | 6RSF       | 2RST    | --        |
| HOLMES                              | 48, 48B   | --        | 42, 42B | 55, 55S    | --      | --        |
| SHORT PANEL                         |           |           |         | LONG PANEL |         |           |

\* - MODEL 4F IS FLUSH

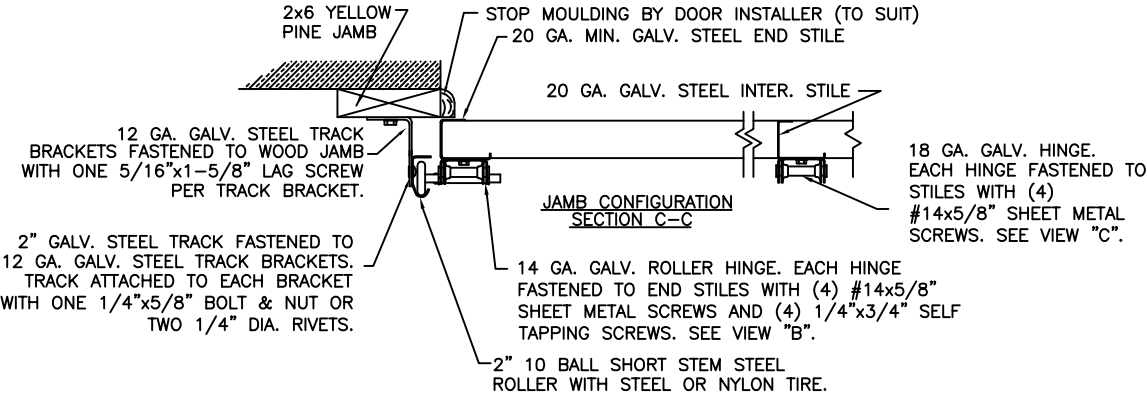
| 'CARRIAGE HOUSE' RAISED PANEL EMBOSS DOORS |               |                 |            |           |
|--------------------------------------------|---------------|-----------------|------------|-----------|
| MODELS                                     | 25 GA         | 25 GA INS       | 25 GA  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

PREPARATION OF JAMBS BY OTHERS.

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.

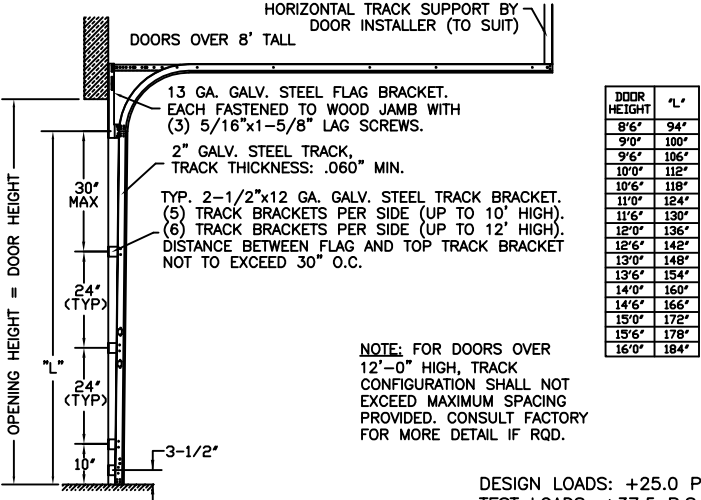
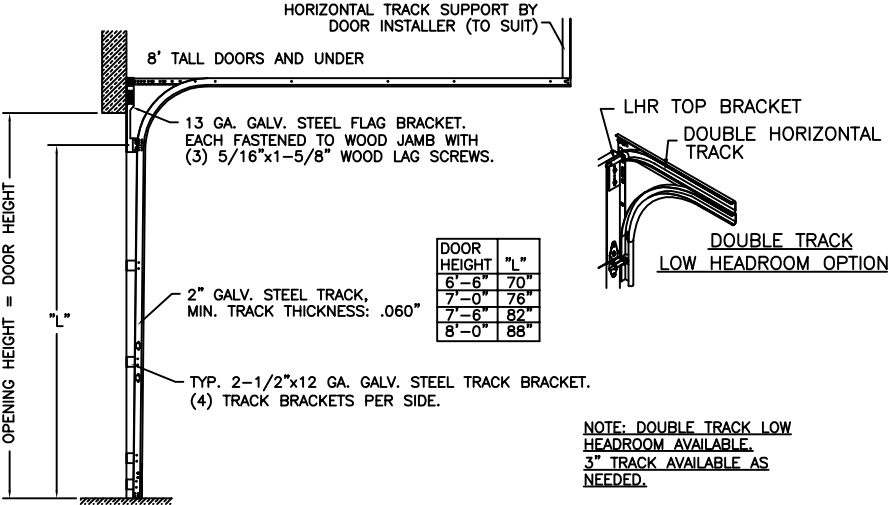
VERTICAL JAMB ATTACHMENT (C-90 BLOCK OR 2,000 PSI MIN. CONCRETE COLUMN):  
3/8"x3" SLEEVE ANCHOR BOLTS ON 24" CENTERS (2,000 PSI MIN. CONCRETE).  
WASHERS INCLUDED WITH SLEEVE ANCHORS.  
OR  
1/4"x3" TAPCON SCREWS ON 24" CENTERS (2,000 PSI MIN. CONCRETE) OR 16"  
CENTERS (C-90 BLOCK), 1" O.D. WASHERS 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.



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



DESIGN LOADS: +25.0 P.S.F. & -32.0 P.S.F.  
TEST LOADS: +37.5 P.S.F. & -48.0 P.S.F.

STANDARD ASSEMBLY DETAILS  
DRAWING 300159-B

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

FRONT FRAME WITH U.V. COATING ON OUTSIDE SURFACE. NOTE THAT FRONT FRAME IS NARROWER THAN IMPACT-RESISTANT FRAME.

1.25

MOLDED INSIDE LITE RETAINER.

GLAZING

#8x3/4" PAN HEAD SCREW.

STANDARD ASSEMBLY CONSTRUCTION:  
OPTIONAL SSB, 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).

James D. Wheeler  
License No. 91932  
State of Florida  
Professional Engineer  
Digitally signed by Jim Wheeler  
Date: 2024.02.28 16:38:39 -05'00'

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

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|                                         |  |                                                                            |                               |             |
|-----------------------------------------|--|----------------------------------------------------------------------------|-------------------------------|-------------|
| MANUFACTURING PRODUCT CODE<br>PAN-2F151 |  | WINDLOAD RATING<br>W4                                                      | 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 +25/-32 PSF |                               |             |
| DRAWN BY:<br>MWW                        |  |                                                                            |                               |             |
| CHECKED BY:                             |  | B                                                                          | DRAWING NUMBER:<br>300159     | VER:<br>IBC |