

| '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<br>'GALLERY'                        | GD5S, GR5S  | GD5L, GR5L |
| HOLMES<br>'ARTISTRY'                       | AR5S        | AR5L       |
| IDEAL<br>'CARRIAGE HOUSE'                  | ED5S        | ED5L       |
|                                            | SHORT PANEL | LONG PANEL |

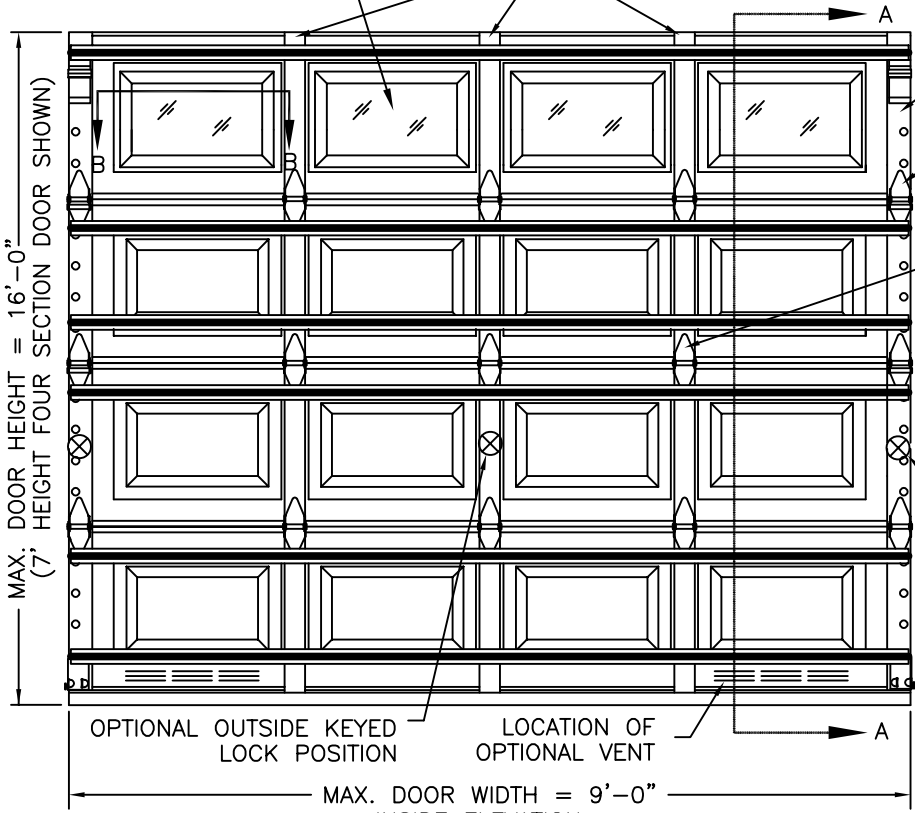
SHEET:  
1 OF 4

| 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.    |

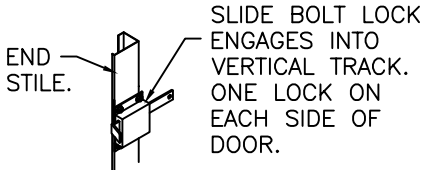
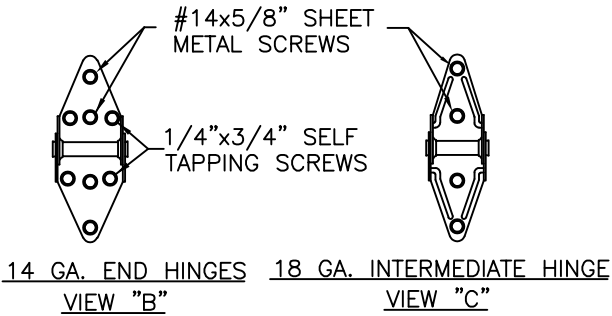
| DOOR HEIGHT             | # OF SECTIONS | # OF U-BARS |
|-------------------------|---------------|-------------|
| UP TO 7'0"              | 4             | 6           |
| 7'3" TO 8'9"            | 5             | 8           |
| 9'0" TO 10'6"           | 6             | 9           |
| 10'9" TO 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",

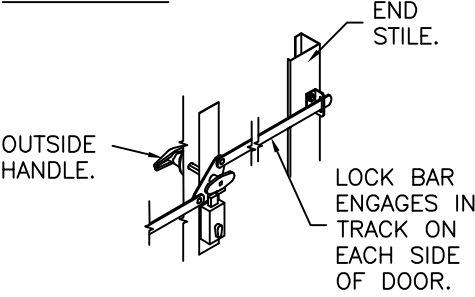
SHORT PANEL/FLUSH MODELS: (1) INTERMEDIATE STILE BETWEEN EACH EMBOSS [(3) STILES PER SECTION AT 9'0" WIDE]. EACH INTERM. STILE ATTACHED WITH TOG-L-LOC (TOP & BOTTOM) AND URETHANE ADHESIVE (ALONG CENTER).  
LONG PANEL MODELS: (3) TOTAL STILES PER SECTION. (1) STANDARD INTERMEDIATE STILE BETWEEN EACH EMBOSS.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



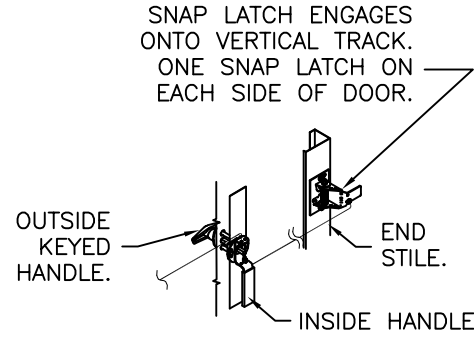
'CLASSIC' SHORT RAISED-PANEL SHOWN. LONG 'CLASSIC' AND SHORT 'CARRIAGE HOUSE' ARE ALSO APPROVED.



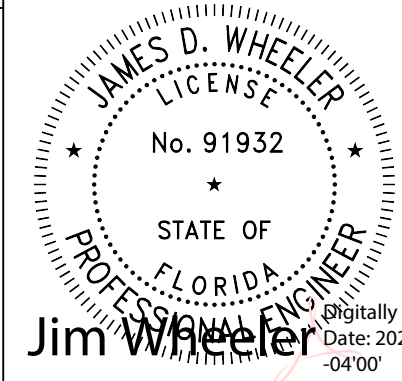
INSIDE SLIDE BOLT LOCK OPTION.



OUTSIDE KEYED LOCK WITH LOCK BAR LOCKING.



OUTSIDE KEYED LOCK WITH SNAP LATCH LOCK OPTION.



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

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<br>TOLERANCES are            |
| .0 = ±.031                                           |
| .00 = ±.015                                          |
| .000 = ±.005                                         |
| .0000 = ±.001                                        |
| Degrees = ±1/2°                                      |
| Unless Stated Otherwise<br>DIMENSIONS ARE IN INCHES. |



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

| '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               |             |        |            |              |

3

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

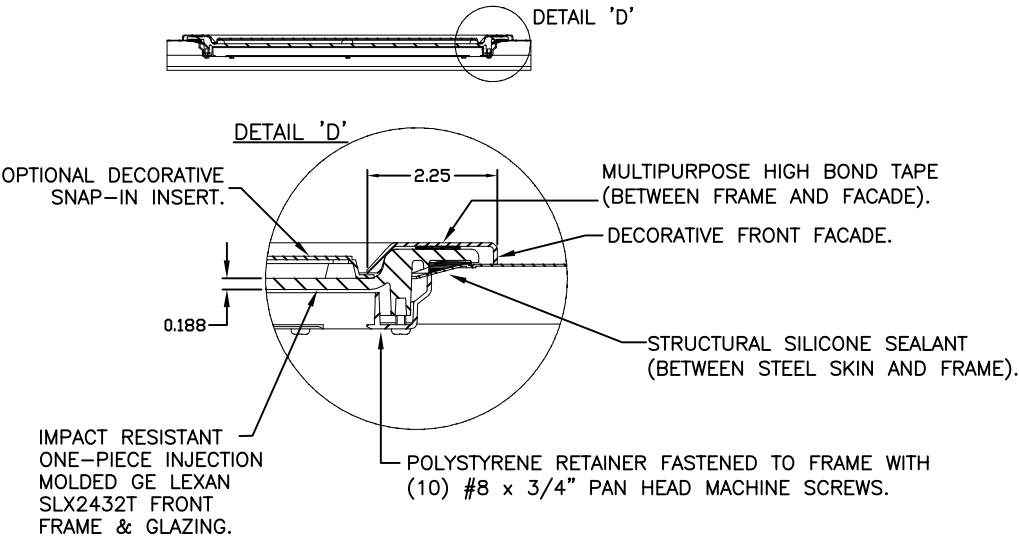
2

1

| SHEET: |  | REVISIONS |       |       |         |                                    |
|--------|--|-----------|-------|-------|---------|------------------------------------|
| 2 OF 4 |  | REV. NO.  | ZONE: | DATE: | ECN NO. | DESCRIPTION                        |
|        |  | 21        | -     | -     | -       | SEE REVISION HISTORY ON SHEET ONE. |

**IMPACT-RESISTANT CONSTRUCTION:**  
SOLID DOORS (NO GLAZING) OR DOORS WITH OPTIONAL IMPACT-RESISTANT GLAZING ARE IMPACT-RESISTANT. OPTIONAL INJECTION-MOLDED POLYCARBONATE FRONT FRAME AND GLAZING IS GE LEXAN SLX2432T, AN APPROVED CC2 PLASTIC IN ACCORDANCE WITH IBC/FBC 2606 AND AN APPROVED C1 PLASTIC IN ACCORDANCE WITH FBC 2612. THE ENTIRE DOOR ASSEMBLY INSTALLED IN COMPLIANCE WITH THIS SECTION MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE AND INTERNATIONAL BUILDING CODE AND IS LARGE- AND SMALL- MISSILE IMPACT RESISTANT.

SECTION B-B (IMPACT-RESISTANT GLAZING OPTION)



IMPACT-RESISTANT ASSEMBLY DETAILS  
**DRAWING 101348-A**

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.0 = ±.031  
.00 = ±.015  
.000 = ±.005  
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**Clopay**  
CORPORATION

8585 Duke Boulevard  
Mason, OH 45040 USA  
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Fax No. 513-770-4853

MANUFACTURING PRODUCT CODE  
PAN-2F151

PART NO.: N/A

WINDLOAD RATING  
**W6 DP38**

DESCRIPTION: CLASSIC AND CH RP STEEL PAN SC +38/-44 PSF

DRAWN BY: MW      DATE: 3/15/95      SCALE: NTS      DWG. **B**

CHECKED BY: --      DATE: --      SHEET 2 OF 4

DWG. NO.: 101348 - A/B      VER: IBC

FLORIDA PRODUCT APPROVAL 48397.19

4

| '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               |             |        |            |              |

3

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

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SHEET:  
3 OF 4

2

1

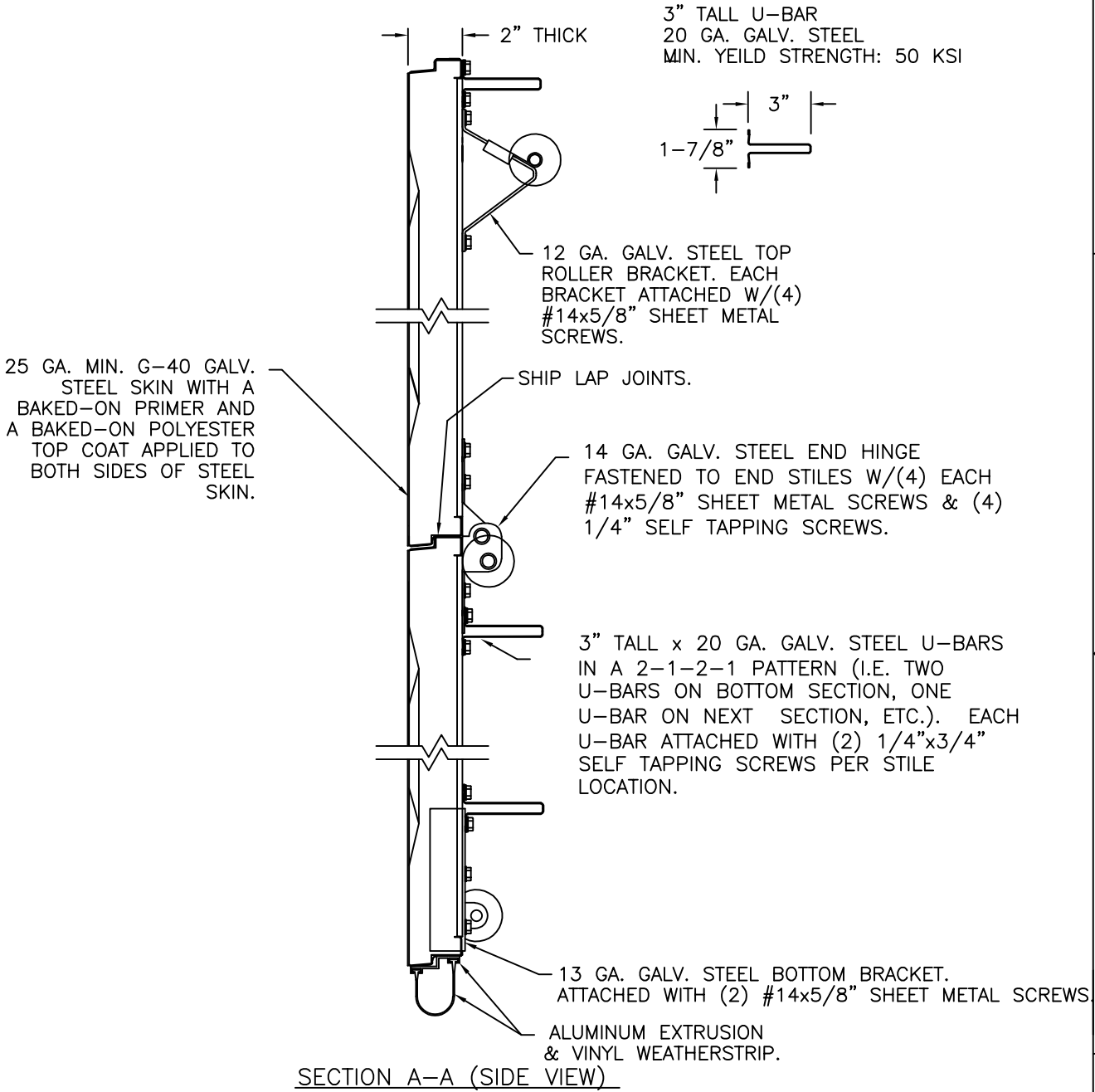
| REVISIONS                          |       |       |         |        |  | DESCRIPTION |
|------------------------------------|-------|-------|---------|--------|--|-------------|
| REV. NO.                           | ZONE: | DATE: | ECN NO. | APPVD: |  |             |
| 21                       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

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.



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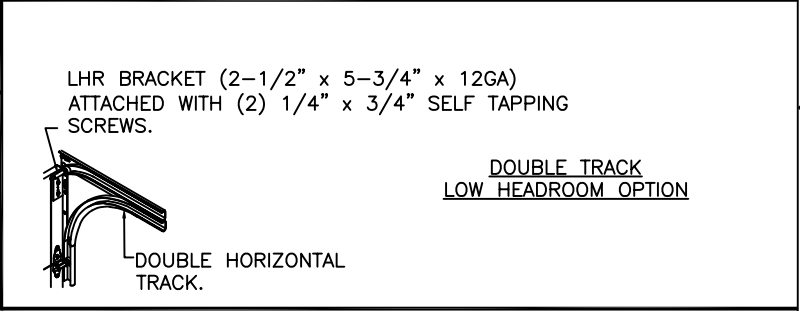
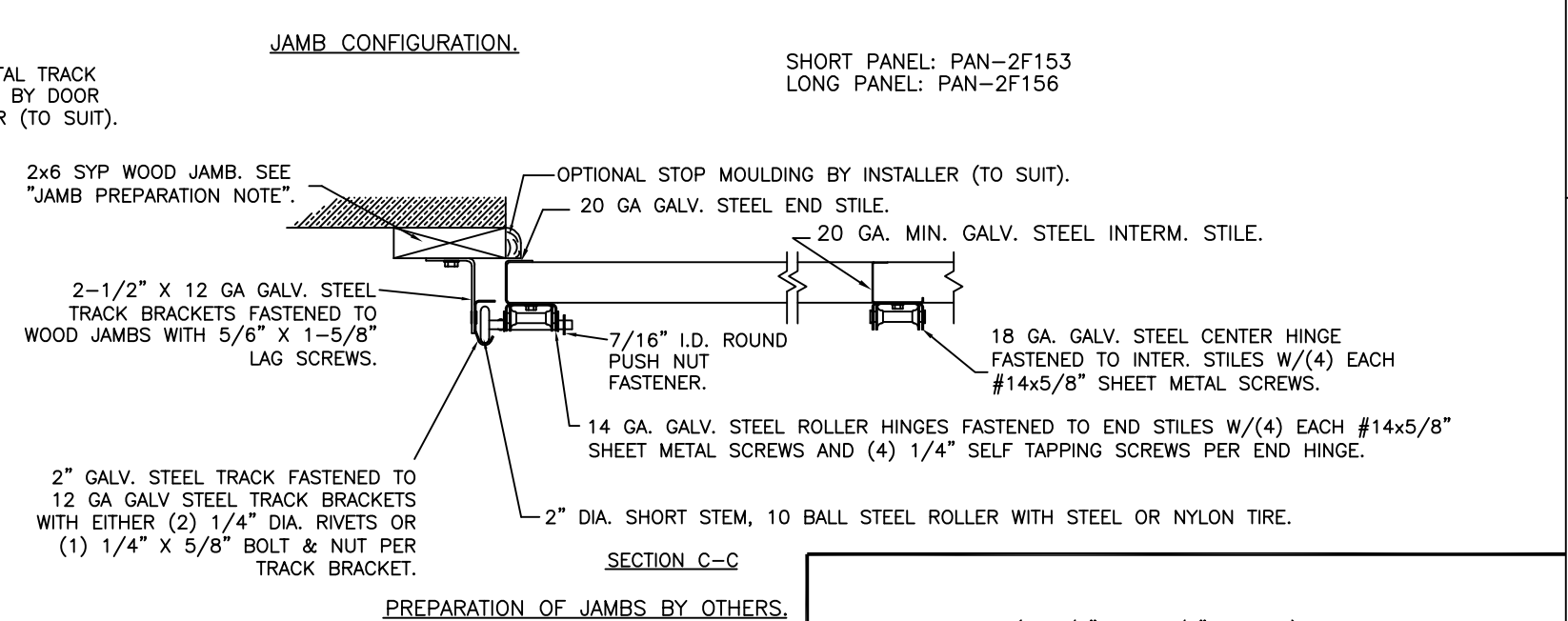
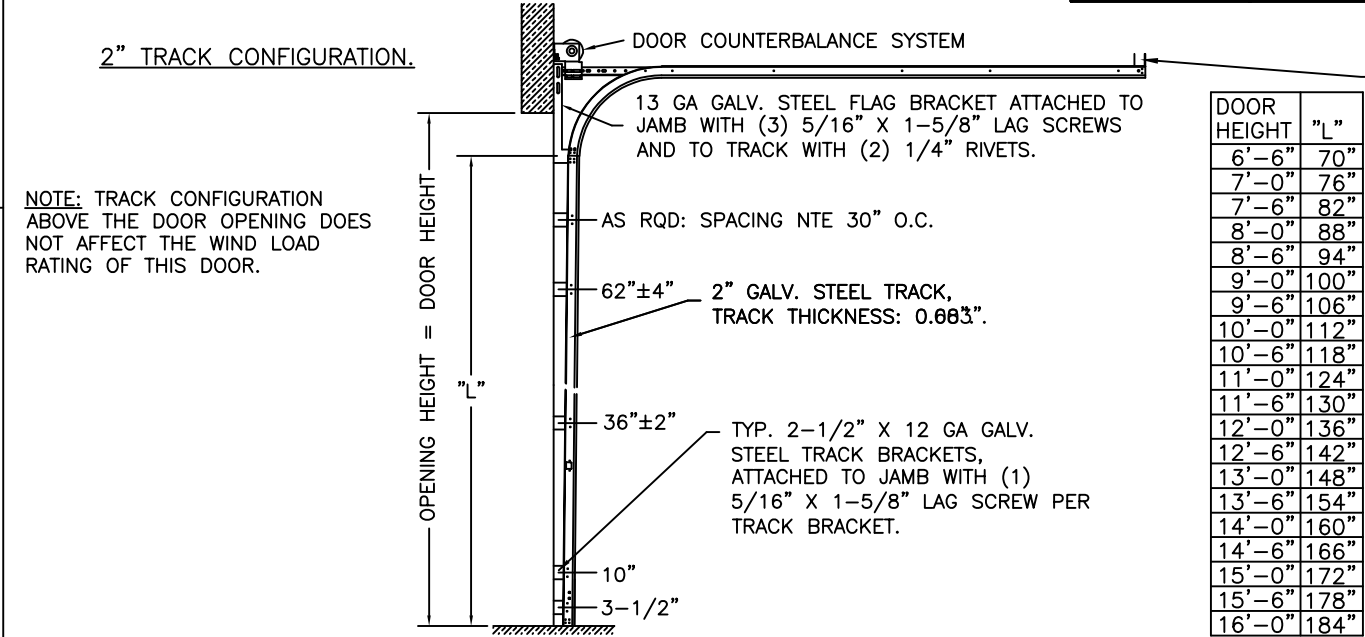
|                                                                                                                                                                                            |                                                                                                                                                                                   |                                                         |               |              |           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------|--------------|-----------|
| DESIGN LOADS: +38.0 P.S.F. & -44.0 P.S.F.<br>TEST LOADS: +57.0 P.S.F. & -66.0 P.S.F.                                                                                                       |                                                                                                                                                                                   | PART NO.: N/A                                           |               |              |           |
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|                                                                                                                                                                                            |                                                                                                                                                                                   | DESCRIPTION: CLASSIC AND CH RP STEEL PAN SC +38/-44 PSF |               |              |           |
|                                                                                                                                                                                            |                                                                                                                                                                                   | DRAWN BY: MW                                            | DATE: 3/15/95 | SCALE: NTS   | DWG. SIZE |
|                                                                                                                                                                                            |                                                                                                                                                                                   | CHECKED BY: --                                          | DATE: --      | SHEET 3 OF 4 | B         |
|                                                                                                                                                                                            |                                                                                                                                                                                   | DWG. NO.: 101348 - A/B                                  |               | VER: IBC     |           |

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| IDEAL                               | 4F*     | --     | --         | --           |
| HOLMES                              | 48B     | 42B    | --         | --           |
| SHORT PANEL                         |         |        | LONG PANEL |              |

\* - MODEL 4F IS FLUSH

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|--------------------------------------------|------------|------------|
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| HOLMES<br>'ARTISTRY'                       | AR5S       | AR5L       |
| IDEAL<br>'CARRIAGE HOUSE'                  | ED5S       | ED5L       |
| SHORT PANEL                                |            | LONG PANEL |

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



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| DESCRIPTION: CLASSIC AND CH RP STEEL PAN SC +38/-44 PSF |                                                                                             |
| DRAWN BY: MW                                            | DATE: 3/15/95                                                                               |
| CHECKED BY: --                                          | DATE: --                                                                                    |
| DWG. NO.: 101348 - A/B                                  | VER: IBC                                                                                    |

|                            |        |
|----------------------------|--------|
| MANUFACTURING PRODUCT CODE |        |
| PAN-2F151                  |        |
| PART NO.: N/A              |        |
| WINDLOAD RATING            |        |
| W6 DP38                    |        |
| PAN SC +38/-44 PSF         |        |
| SCALE: NTS                 | DWG. B |
| SHEET 4 OF 4               | SIZE   |
| VER: IBC                   |        |