

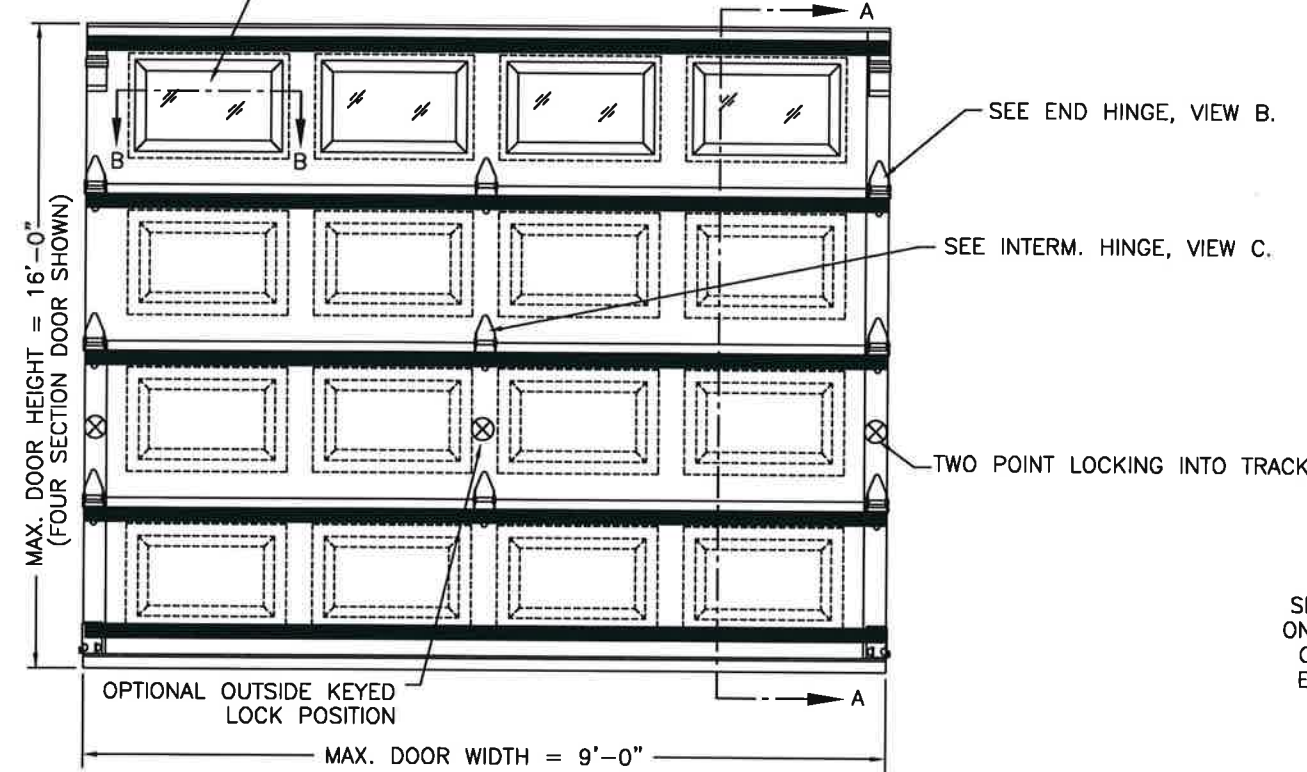
| BRAND | EMBOSS TYPE | | |
|--------|-------------|--------------|--------------|
| | SHORT | LONG | FLUSH |
| CLOPAY | 9130, HDP13 | 9133, HDPL13 | 9131, HDPF13 |
| IDEAL | 8130 | 8133 | 8131 |
| HOLMES | 7130 | 7133 | 7131 |

SHEET:
1 OF 4

| REVISIONS | | | | | |
|-----------|------|----------|---------|--------|---|
| REV. NO. | ZONE | DATE | ECN NO. | APPVD: | DESCRIPTION |
| 01 | - | 10/28/14 | - | SH | CREATED TDI VERSION. |
| 02 | - | 2/28/20 | EN2736 | SH | REVISED MAX WINDOW SIZE AND TITLE BLOCK |
| 03 | - | 12/01/21 | - | JDW | REVISED FOR TDI. |

THIS PRODUCT COMPLIES WITH THE 2018 IBC/IRC.

OPTIONAL GLAZING. SEE SECTION B-B FOR DETAILS. MAXIMUM GLAZING SIZE (DLO) IS 19-1/2"x16". GLAZING MAY BE SHORT-PANEL OR LONG-PANEL. GLAZING MAY BE INSTALLED IN ANY LOCATION IN ANY OR ALL SECTIONS.



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

MAX SECTION HEIGHT: 21'

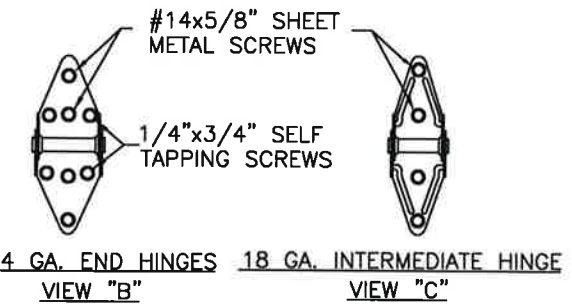
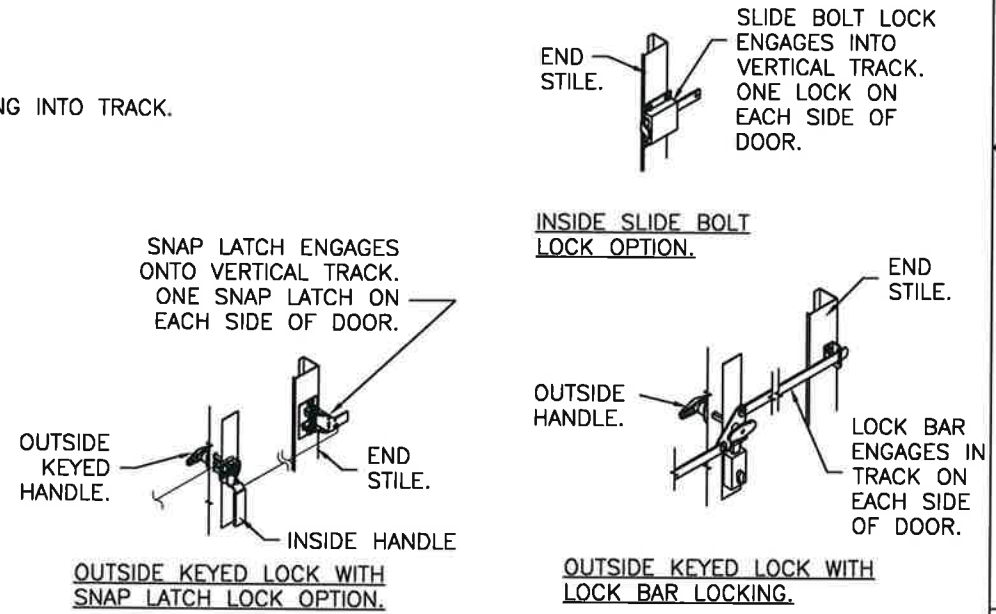
THIS DOOR MEETS OR EXCEEDS THE DESIGN LOADS FOR THE ULTIMATE WIND SPEEDS LISTED BELOW ACCORDING TO THE FLORIDA BUILDING CODE OR THE INTERNATIONAL BUILDING CODE (BASED ON ASCE7-05) FOR THE FOLLOWING CONDITIONS: 1) ENCLOSED BUILDING, 2) DOOR HAS 2' OF WIDTH IN BUILDING'S END ZONE, 3) ANY ROOF SLOPE, AND 4) TESTING IN ACCORDANCE WITH ANSI/DASMA 108. SITE-SPECIFIC CALCULATIONS BY A QUALIFIED DESIGN PROFESSIONAL MAY DIFFER.

| DESIGN WIND SPEED (MPH) | 120 | 125 | 140 |
|-------------------------|------|------|-----|
| EXPOSURE CATEGORY | B, C | B, C | B |
| MEAN ROOF HEIGHT | 25' | 15' | 30' |

| DOOR WIDTH | # OF SHORT PANELS | # OF INTERM. HINGES/JOINT |
|--------------|-------------------|---------------------------|
| UP TO 7'10" | 3 | 2 |
| 8'0" TO 9'0" | 4 | 1 |

APPLIES TO FLUSH MODELS ALSO.

| DOOR WIDTH | # OF LONG PANELS | # OF INTERM. HINGES/JOINT |
|------------|------------------|---------------------------|
| UP TO 9'0" | 2 | 1 |



DESIGN LOADS: +33.0 P.S.F. & -37.0 P.S.F.
TEST LOADS: +49.5 P.S.F. & -55.5 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 DSIU-1A171 | PART NO.: N/A | WINDLOAD RATING W5 DP33 |
| DESCRIPTION: CLASSIC 1-3/8" INTELICORE SC +33/-37 PSF | DRAWN BY: SH | DATE: 7/14/14 |
| CHECKED BY: -- | DATE: -- | SHEET 1 OF 4 |
| DWG. NO.: 104866 | VER: TDI | DWG. B SIZE B |

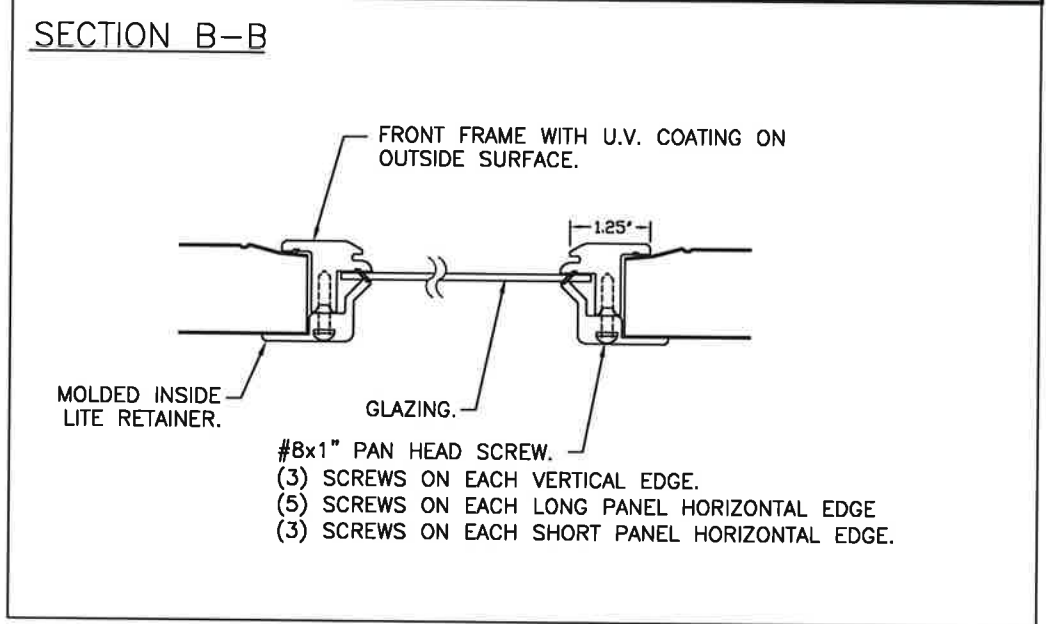
MARK W. WESTERFIELD
PROFESSIONAL ENGINEER
DESIGN ENGINEER
MARK WESTERFIELD, P.E.
FLORIDA P.E. #48495, NC P.E. #23832, TEXAS P.E. #91513

| BRAND | EMBOSS TYPE | | |
|--------|-------------|--------------|--------------|
| | SHORT | LONG | FLUSH |
| CLOPAY | 9130, HDP13 | 9133, HDPL13 | 9131, HDPF13 |
| IDEAL | 8130 | 8133 | 8131 |
| HOLMES | 7130 | 7133 | 7131 |

SHEET:
2 OF 4

| REVISIONS | | | | | |
|-----------|------|------|---------|--------|------------------------------------|
| REV. NO. | ZONE | DATE | ECN NO. | APPVD: | DESCRIPTION |
| 03 | - | - | - | SH | SEE REVISION HISTORY ON SHEET ONE. |

STANDARD ASSEMBLY CONSTRUCTION:
 OPTIONAL 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).



DESIGN ENGINEER
 MARK WESTERFIELD, P.E.
 FLORIDA P.E. #48495, NC P.E. #23832, TEXAS P.E. #91513

DESIGN LOADS: +33.0 P.S.F. & -37.0 P.S.F.
 TEST LOADS: +49.5 P.S.F. & -55.5 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.

8585 Duke Boulevard
 Mason, OH 45040 USA
 Tel. No. 513-770-4800
 Fax No. 513-770-4853

MANUFACTURING PRODUCT CODE
DSIU-1A171

PART NO.: N/A

WINDLOAD RATING
W5 DP33

DESCRIPTION: CLASSIC 1-3/8" INTELICORE SC +33/-37 PSF

DRAWN BY: SH DATE: 7/14/14 SCALE: NTS DWG. B

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

DWG. NO.: 104866 VER: TDI

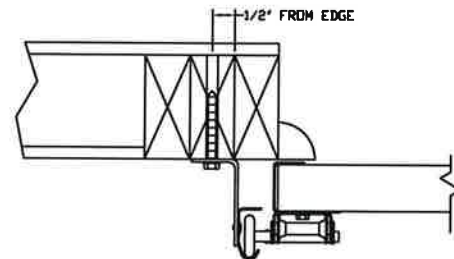
| BRAND | EMBOSS TYPE | | |
|--------|-------------|--------------|--------------|
| | SHORT | LONG | FLUSH |
| CLOPAY | 9130, HDP13 | 9133, HDPL13 | 9131, HDPF13 |
| IDEAL | 8130 | 8133 | 8131 |
| HOLMES | 7130 | 7133 | 7131 |

SHEET:
3 OF 4

| REVISIONS | | | | | |
|-----------|------|------|---------|--------|------------------------------------|
| REV. NO. | ZONE | DATE | ECN NO. | APPVD: | DESCRIPTION |
| 03 | - | -- | - | -- | 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 1/2" 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.



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):

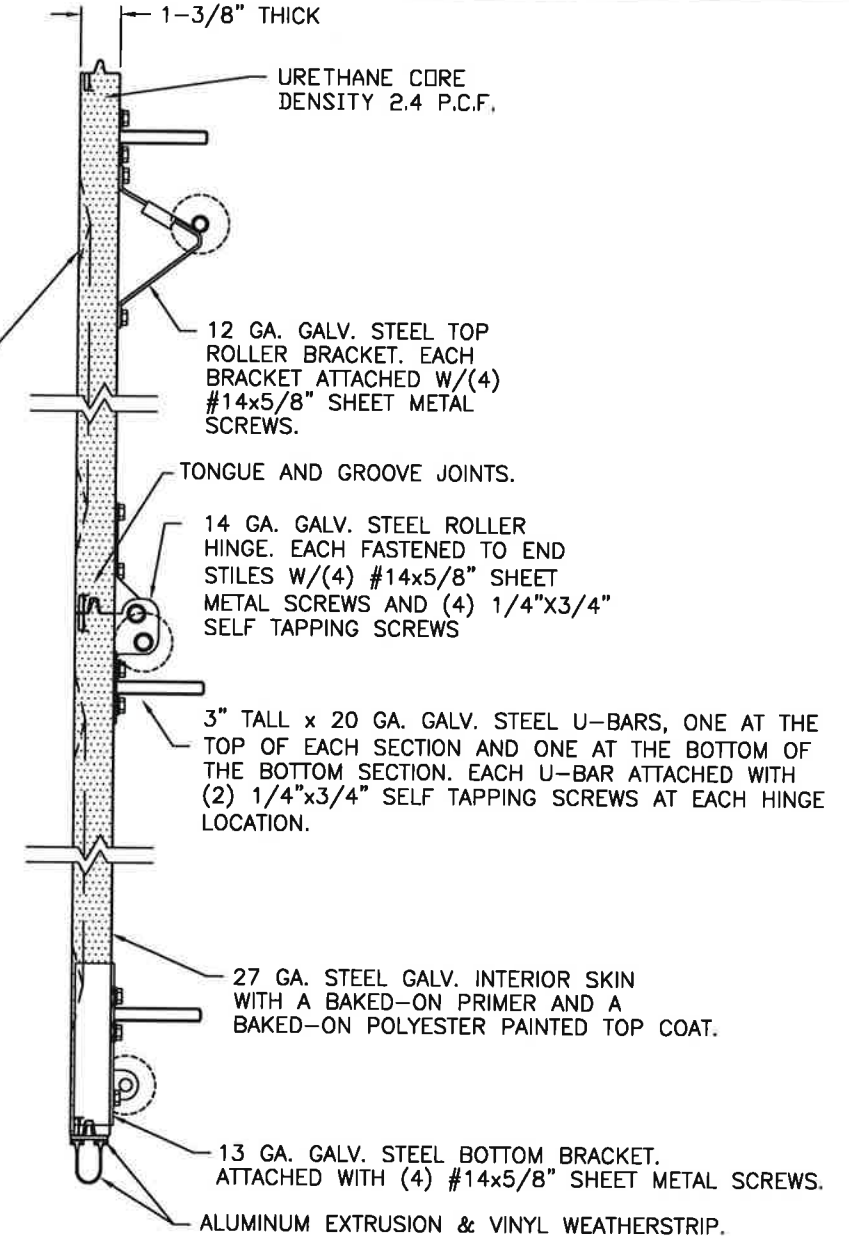
3/8"x3" SLEEVE ANCHOR BOLTS ON 24" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS.
OR
1/4"x3" TAPCON SCREWS ON 21" CENTERS (2,000 PSI MIN. CONCRETE) OR 12" CENTERS (C-90 BLOCK), 1" O.D. WASHERS REQUIRED WITH TAPCONS. ANCHORS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A 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.

DESIGN ENGINEER:
MARK WESTERFIELD, P.E.
FLORIDA P.E. #48495, NC P.E. #20832, TEXAS P.E. #91513



27 GA. MIN. STEEL GALV. EXTERIOR SKIN WITH BAKED-ON PRIMER AND A BAKED-ON POLYESTER PAINTED TOP COAT.



SECTION A-A (SIDE VIEW)

DESIGN LOADS: +33.0 P.S.F. & -37.0 P.S.F.
TEST LOADS: +49.5 P.S.F. & -55.5 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 1-3/8" INTELLICORE SC +33/-37 PSF

DRAWN BY: SH DATE: 7/14/14 SCALE: NTS DWG. SIZE: B

CHECKED BY: -- DATE: -- SHEET 3 OF 4 VER: TDI

MANUFACTURING PRODUCT CODE
DSIU-1A171

PART NO.: N/A

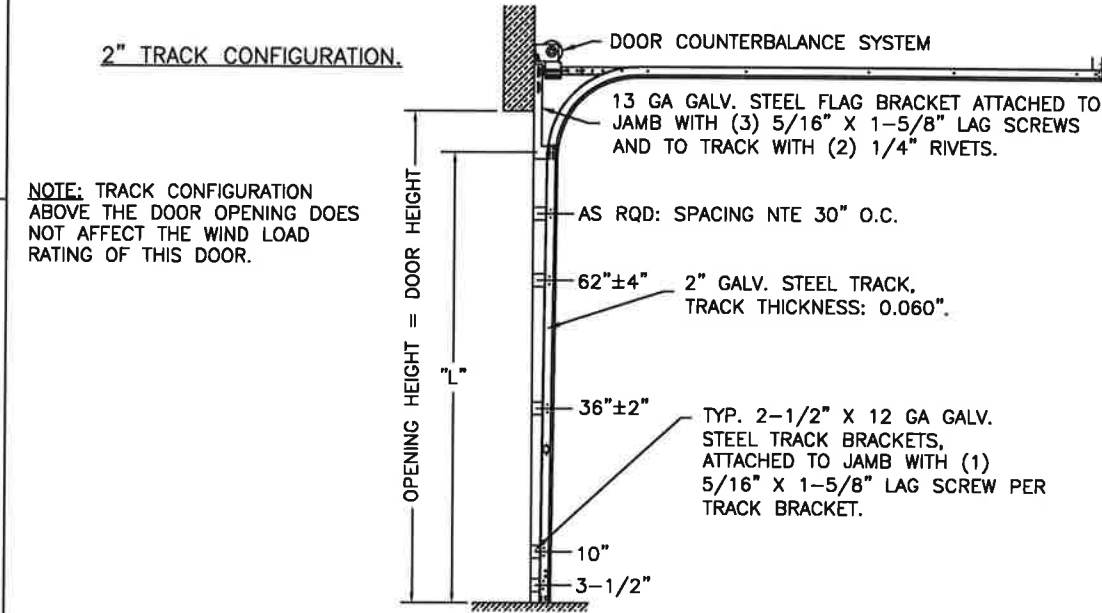
WINDLOAD RATING
W5 DP33

DWG. NO.: 104866

| BRAND | EMBOSS TYPE | | |
|--------|-------------|--------------|--------------|
| | SHORT | LONG | FLUSH |
| CLOPAY | 9130, HDP13 | 9133, HDPL13 | 9131, HDPF13 |
| IDEAL | 8130 | 8133 | 8131 |
| HOLMES | 7130 | 7133 | 7131 |

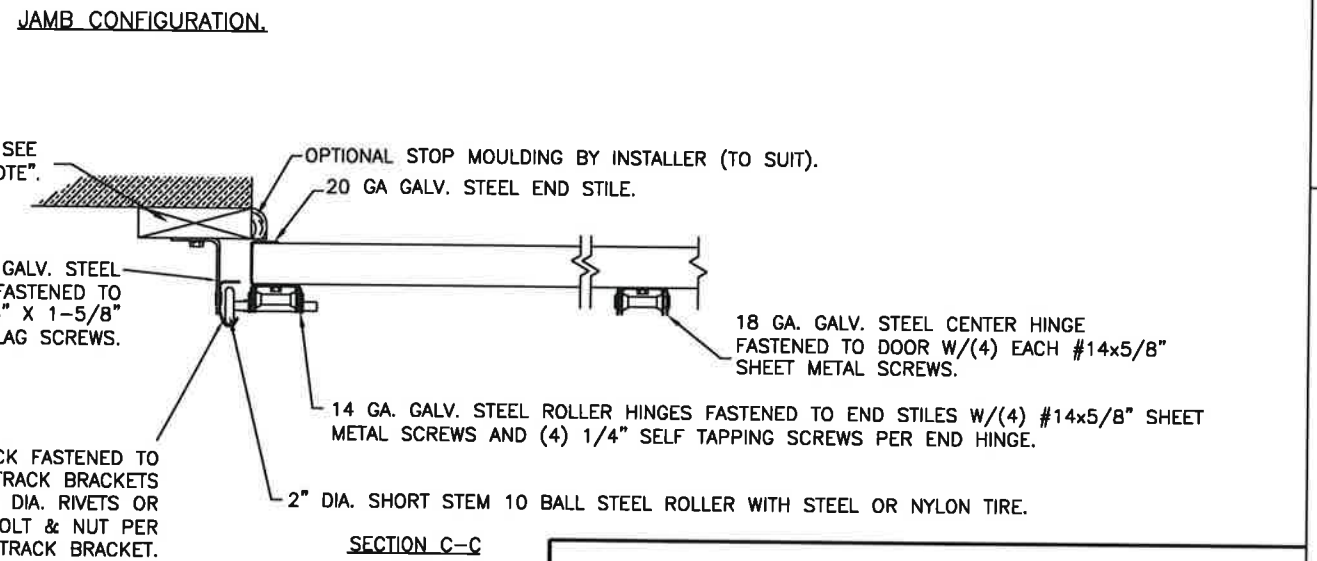
SHEET:
4 OF 4

| REVISIONS | | | | | | DESCRIPTION |
|-----------|-------|-------|---------|--------|--|------------------------------------|
| REV. NO. | ZONE: | DATE: | ECN NO. | APPVD: | | |
| 03 | - | -- | - | - | | SEE REVISION HISTORY ON SHEET ONE. |



| 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" |

HORIZONTAL TRACK SUPPORT BY DOOR INSTALLER (TO SUIT).



2x6 SYP WOOD JAMB. SEE "JAMB PREPARATION NOTE".

2-1/2" X 12 GA GALV. STEEL TRACK BRACKETS FASTENED TO WOOD JAMBS WITH 5/8" X 1-5/8" LAG SCREWS.

2" GALV. STEEL TRACK FASTENED TO 12 GA GALV STEEL TRACK BRACKETS WITH EITHER (2) 1/4" DIA. RIVETS OR (1) 1/4" X 5/8" BOLT & NUT PER TRACK BRACKET.

OPTIONAL STOP MOULDING BY INSTALLER (TO SUIT).
20 GA GALV. STEEL END STILE.

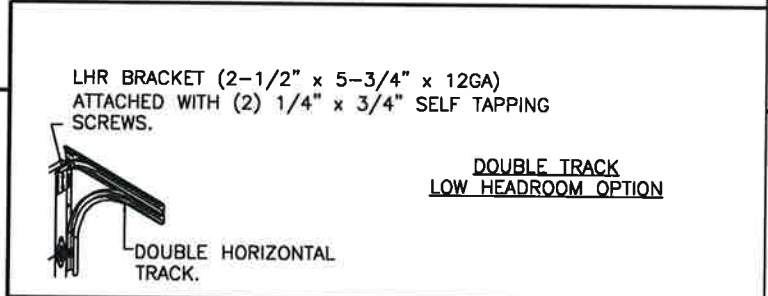
18 GA. GALV. STEEL CENTER HINGE FASTENED TO DOOR W/(4) EACH #14x5/8" SHEET METAL SCREWS.

14 GA. GALV. STEEL ROLLER HINGES FASTENED TO END STILES W/(4) #14x5/8" SHEET METAL SCREWS AND (4) 1/4" SELF TAPPING SCREWS PER END HINGE.

2" DIA. SHORT STEM 10 BALL STEEL ROLLER WITH STEEL OR NYLON TIRE.

SECTION C-C

PREPARATION OF JAMBS BY OTHERS.



LHR BRACKET (2-1/2" x 5-3/4" x 12GA) ATTACHED WITH (2) 1/4" x 3/4" SELF TAPPING SCREWS.

DOUBLE TRACK LOW HEADROOM OPTION

DOUBLE HORIZONTAL TRACK.

3" TRACK IS ALSO AVAILABLE.



DESIGN ENGINEER
MARK WESTERFIELD, P.E.
FLORIDA P.E. #48495, NC P.E. #23832, TEXAS P.E. #91513

DESIGN LOADS: +33.0 P.S.F. & -37.0 P.S.F.
TEST LOADS: +49.5 P.S.F. & -55.5 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
DSIU-1A171

PART NO.: N/A

WINDLOAD RATING
W5 DP33

DESCRIPTION: CLASSIC 1-3/8" INTELLICORE SC +33/-37 PSF

DRAWN BY: SH DATE: 7/14/14 SCALE: NTS DWG. B

CHECKED BY: -- DATE: -- SHEET 4 OF 4 SIZE B

DWG. NO.: 104866 VER: TDI