

4				3			2					1	
MODELS		SHORT	LONG	MODELS	FLUSH	GROOVED	SHEET: 1 OF 4	REVISIONS					
CLOPAY GALLERY		GD2SU, GR2SU	GD2LU, GR2LU	CLOPAY CLASSIC	9202, HDPC20	9205, HDPR20		REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
HOLMES ARTISTRY		AR2SU	AR2LU	HOLMES CLASSIC	7202	7205		00	-	6/25/13	-	SH	NEW DRAWING FOR T-STRUT.
IDEAL EXPRESSIONS		ED2SU	ED2LU	IDEAL CLASSIC	8202, MFC68U	8205, MFR68U		01	-	-	-	-	MODIFIED FOR FLORIDA APPROVAL.
								02	-	-	-	-	ADDED OPTIONAL IMPACT RESISTANT LITES.
MODELS		NARROW	WIDE	CROSSBUCK INSERTS				03	-	12/12/14	-	-	ADDED "GROOVED" MODELS
CLOPAY BRIDGEPORT		BD2NU, BR2NU	BD2EU, BR2EU	BD2CU, BR2CU				04	-	8/6/20	-	SH	UPDATED TITLE BLOCK, REMOVED WIND CHART, ADDED BRIDGEPORT.
HOLMES WESTPORT		PR2NU	PR2EU	PR2CU				05	-	10/3/25	-	JDW	UPDATED IMPACT RESISTANT GLAZING DETAILS.
								06	-	12/14/25	-	JDW	UPDATED MODEL TABLES.

MODELS	NARROW	WIDE	CROSSBUCK INSERTS
CLOPAY BRIDGEPORT	BD2NU, BR2NU	BD2EU, BR2EU	BD2CU, BR2CU
HOLMES WESTPORT	PR2NU	PR2EU	PR2CU

OPTIONAL GLAZING MAY BE STANDARD (DSB OR BETTER) OR IMPACT RESISTANT GLAZING. MAXIMUM GLAZING SIZE (DLO) IS 38-1/2"x13". GLAZING MAY BE SHORT-PANEL (NOT SHOWN) OR LONG-PANEL (SHOWN). SEE SECTION B-B ON SHEET 2 FOR DETAILS. GLAZING MAY BE INSTALLED IN TOP SECTION (SHOWN) OR INTERMEDIATE SECTION (NOT SHOWN).

(1) 20 GA. BACKER PLATE AT EACH INTERMEDIATE HINGE LOCATION. BACKER PLATES ATTACHED WITH DOUBLE-SIDED ACRYLIC ADHESIVE TO BACK OF DOOR.

(1) 12 GA. GALV. STEEL TOP ROLLER BRACKET. SEE SHEET 2 FOR DETAILS.

16 GA. MIN. GALV. STEEL END STILES.

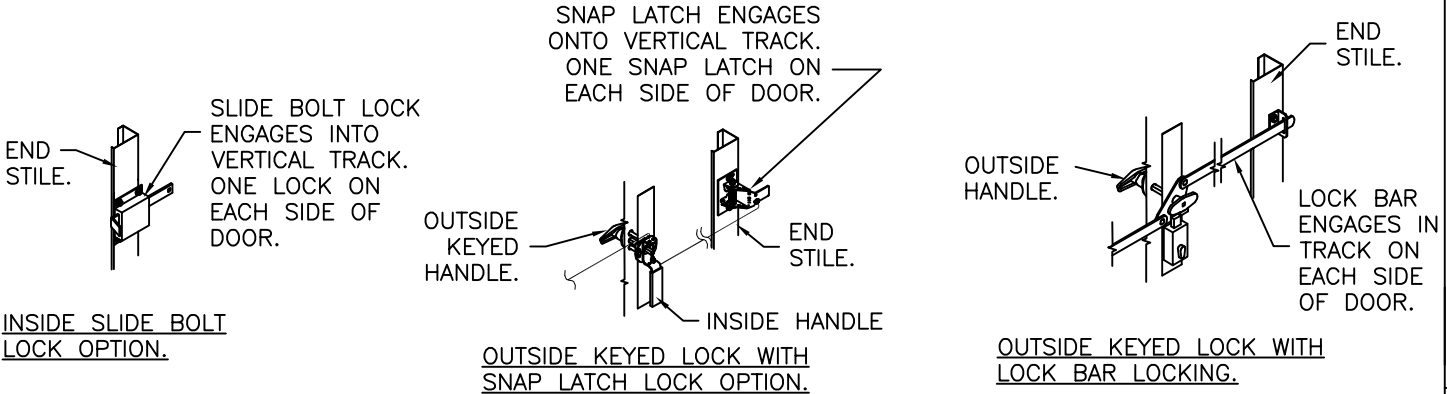
VIEW "B"
VIEW "C"

TWO POINT LOCKING INTO TRACK.

OPTIONAL OUTSIDE KEYED LOCK POSITION.

LHR BRACKET USED FOR INNER DOUBLE END STILE.

DOOR HEIGHT	# OF SECTIONS
UP TO 8'0"	4
8'3" TO 10'0"	5
10'3" TO 12'0"	6
12'3" TO 14'0"	7
14'3" TO 16'0"	8
MAX SECTION HEIGHT: 24"	



JAMES D. WHEELER
LICENSE
No. 91932
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Digitally signed by Jim Wheeler
Date: 2025.12.15 11:19:03
-05'00'

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

DESIGN LOADS: +38.0 P.S.F. & -42.0 P.S.F.
TEST LOADS: +57.0 P.S.F. & -63.0 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: 2" GALLERY PUR DOORS 16'2"W (SEE TABLE)

DRAWN BY: SH

DATE: 1/10/13

SCALE: NTS

DWG. B
SIZE

CHECKED BY: SH

DATE: 1/10/13

SHEET 1 OF 4

DWG. NO.: 104820-A/B

VER: IBC

MANUFACTURING PRODUCT CODE
DSIU-1F471

PART NO.: N/A

WINDLOAD RATING
W6 DP38T

4

MODELS	SHORT	LONG
CLOPAY GALLERY	GD2SU, GR2SU	GD2LU, GR2LU
HOLMES ARTISTRY	AR2SU	AR2LU
IDEAL EXPRESSIONS	ED2SU	ED2LU

MODELS	NARROW	WIDE
CLOPAY BRIDGEPORT	BD2NU, BR2NU	BD2EU, BR2EU
HOLMES WESTPORT	PR2NU	PR2EU

3

MODELS	FLUSH	GROOVED
CLOPAY CLASSIC	9202, HDPC20	9205, HDPR20
HOLMES CLASSIC	7202	7205
IDEAL CLASSIC	8202, MFC68U	8205, MFR68U

CROSSBUCK INSERTS	BD2CU, BR2CU
	PR2CU

2

SHEET:
2 OF 4

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

1

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)

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

1.25"

GLAZING.

#8x3/4" PAN HEAD SCREW.

MOLDED INSIDE LITE RETAINER.

STANDARD ASSEMBLY DETAILS
DRAWING 104820-B

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

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.0 = ±.031
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8585 Duke Boulevard
Mason, OH 45040 USA
Tel. No. 513-770-4800
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DESCRIPTION: 2" GALLERY PUR DOORS 16'2"W (SEE TABLE)

DRAWN BY: SH

CHECKED BY: SH

DWG. NO.: 104820-A/B

MANUFACTURING PRODUCT CODE
DSIU-1F471

PART NO.: N/A

WINDLOAD RATING
W6 DP38T

SCALE: NTS

SHEET 2 OF 4

VER: IBC

DWG. SIZE B

FLORIDA PRODUCT APPROVAL 16546

MODELS	SHORT	LONG
CLOPAY GALLERY	GD2SU, GR2SU	GD2LU, GR2LU
HOLMES ARTISTRY	AR2SU	AR2LU
IDEAL EXPRESSIONS	ED2SU	ED2LU

MODELS	FLUSH	GROOVED
CLOPAY CLASSIC	9202, HDPC20	9205, HDPR20
HOLMES CLASSIC	7202	7205
IDEAL CLASSIC	8202, MFC68U	8205, MFR68U

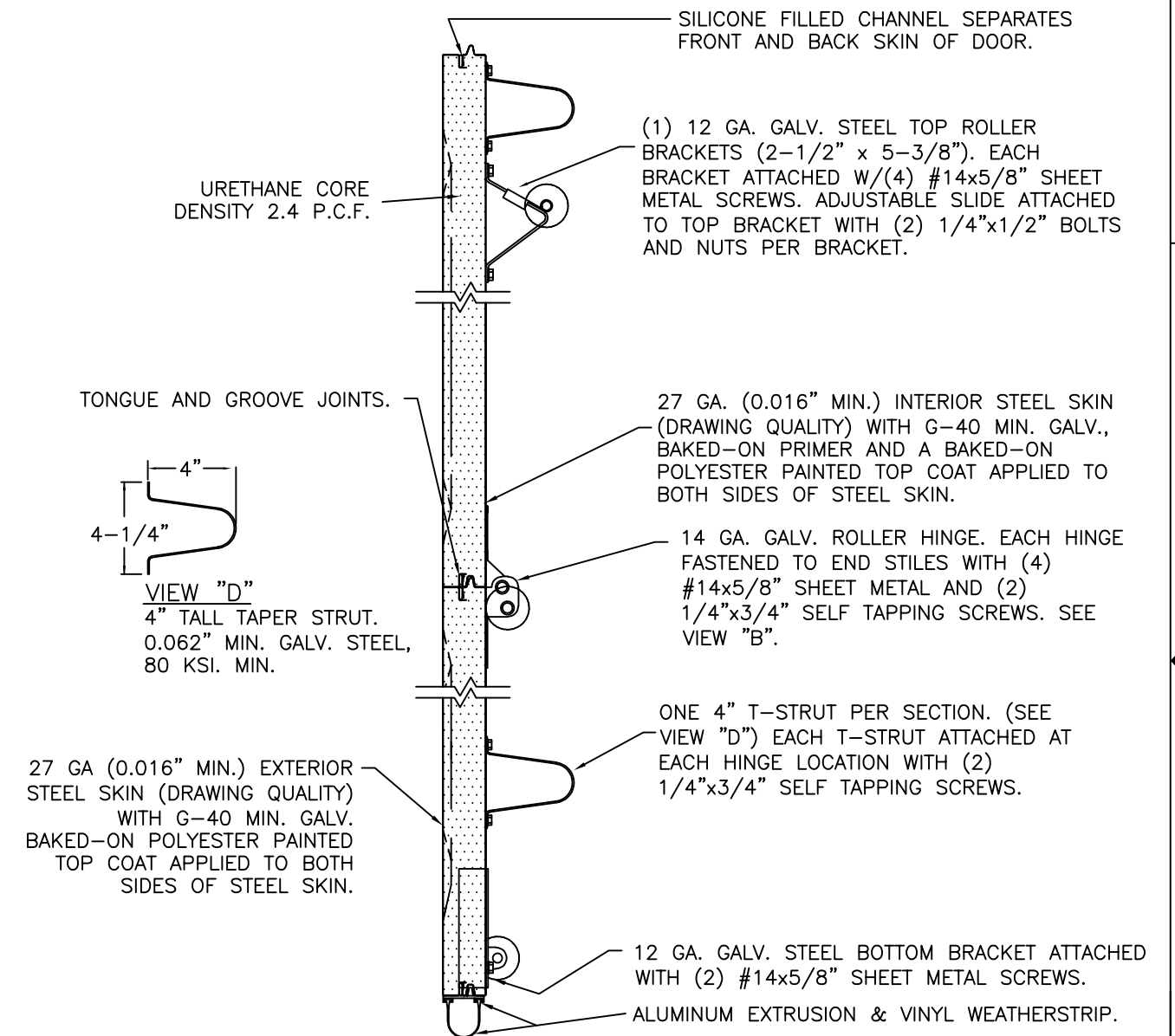
MODELS	NARROW	WIDE	CROSSBUCK INSERTS
CLOPAY BRIDGEPORT	BD2NU, BR2NU	BD2EU, BR2EU	BD2CU, BR2CU
HOLMES WESTPORT	PR2NU	PR2EU	PR2CU

SHEET:

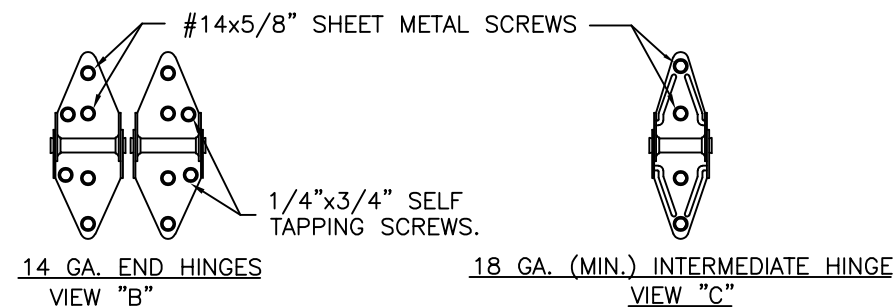
3 OF 4

REVISIONS

REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
06	—	—	—	—	SEE REVISION HISTORY ON SHEET ONE.



SECTION A-A (SIDE VIEW)



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

DESIGN LOADS: +38.0 P.S.F. & -42.0 P.S.F.
TEST LOADS: +57.0 P.S.F. & -63.0 P.S.F.

TEST LEADS: 10470

Unless Stated Otherwise	TOLERANCES are
.0	= $\pm .031$
.00	= $\pm .015$
.000	= $\pm .005$
.0000	= $\pm .001$
Degrees	= $\pm 1/2^\circ$

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: 2" GALLERY PUR DOORS 16'2"W (SEE TABLE)
--

DRAWN BY: SH

DATE: 1/10/13

DWG. NO.: 104820-A/B

MANUFACTURING PRODUCT CODE
DSIU-1F471

PART NO.: N/A

WINDLOAD RATING
W6 DP38T

SCALE: NTS

SHEET 3 OF 4	S
--------------	---

VER:	IBC
------	-----

DWG. SIZE B

MODELS	SHORT	LONG
CLOPAY GALLERY	GD2SU, GR2SU	GD2LU, GR2LU
HOLMES ARTISTRY	AR2SU	AR2LU
IDEAL EXPRESSIONS	ED2SU	ED2LU

MODELS	FLUSH	GROOVED
CLOPAY CLASSIC	9202, HDPC20	9205, HDPR20
HOLMES CLASSIC	7202	7205
IDEAL CLASSIC	8202, MFC68U	8205, MFR68U

SHEET: 4 OF 4

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

MODELS	NARROW	WIDE	CROSSBUCK INSERTS
CLOPAY BRIDGEPORT	BD2NU, BR2NU	BD2EU, BR2EU	BD2CU, BR2CU
HOLMES WESTPORT	PR2NU	PR2EU	PR2CU

2" TRACK CONFIGURATION.

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

DOOR COUNTERBALANCE SYSTEM

13 GA GALV. STEEL FLAG BRACKET ATTACHED TO JAMB WITH (3) 5/16" X 1-5/8" LAG SCREWS AND TO TRACK WITH (2) 1/4" RIVETS.

AS RQD: SPACING NTE 14" O.C.

63" 2" GALV. STEEL TRACK, TRACK THICKNESS: 0.083".

50"

38" TYP. 2-1/2" X 12 GA GALV. STEEL TRACK BRACKETS, ATTACHED TO JAMB WITH (1) 5/16" X 1-5/8" LAG SCREW PER TRACK BRACKET.

24"

10"

3-1/2"

OPENING HEIGHT = DOOR HEIGHT

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"

JAMB CONFIGURATION 2" TRACK.

1" DOOR OVERLAP (EACH SIDE)

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

2-1/2" X 12 GA GALV. STEEL TRACK BRACKETS FASTENED TO WOOD JAMBS WITH 5/6" X 1-5/8" LAG SCREWS NOT TO EXCEED 14" ON-CENTER.

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).

16 GA GALV. STEEL DOUBLE-END-STILE FASTENED WITH (1) #8 X 1/2" WAFER SCREW. END STILE DIM.: 5-3/4 X 2-1/8" X 3/8".

7/16" I.D. ROUND PUSH NUT FASTENER.

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

14 GA. GALV. STEEL ROLLER HINGES FASTENED TO END STILES W/(4) EACH #14x5/8" SHEET METAL SCREWS AND (2) 1/4" SELF TAPPING SCREWS PER END HINGE.

2" DIA. 7-1/2" LONG 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. NOTE THAT LHR BRACKETS ARE ALSO USED WITH "DOUBLE END STILE" AS SHOWN IN ZONE B-3 SHEET 1.

DOUBLE TRACK LOW HEADROOM OPTION (AVAIL. FOR BOTH 2" AND 3" TRACK)

DOUBLE HORIZONTAL TRACK.

3" TRACK CONFIGURATION.

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

CENTER HANG REQUIRED FOR DOORS OVER 8' HIGH.

3" GALV. TAPERED STEEL TRACK AND ANGLE. TRACK THICKNESS: 0.101". ANGLE THICKNESS: 0.080". MIN. ANGLE DIMENSIONS 3-1/4" x 2-7/8".

VERTICAL/HORIZONTAL TRACK JUNCTION. TWO 1/4" BOLTS & NUTS FOR EACH TRACK.

14" MAXIMUM SPACING FROM LAST MOUNTING SLOT TO TRACK JUNCTION

ADDITIONAL MOUNTING SLOTS SPACED AT 12" CENTERS.

12" ON CENTER

46"

34" ONE. 1/4" TRACK BOLT AND NUT AT EACH MOUNTING SLOT LOCATION.

22"

10"

3-1/2"

OPENING HEIGHT = DOOR HEIGHT

DOOR HEIGHT	VERTICAL TRACK LENGTH
7'-0"	72"
8'-0"	84"
9'-0"	96"
10'-0"	108"
12'-0"	132"
14'-0"	156"
16'-0"	180"

JAMB CONFIGURATION 3" TRACK.

1" DOOR OVERLAP (EACH SIDE)

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

3-1/4" x 2-7/8" MIN. x 0.080" TAPERED ANGLE. SEE LAG BOLT MOUNTING AT TRACK CONFIGURATION BELOW.

0.101" THICK 3" GALV. STEEL TRACK FASTENED TO TAPERED ANGLE. TRACK ATTACHED TO TAPERED ANGLE WITH ONE 1/4"x5/8" BOLT & NUT AT EACH MOUNTING SLOT.

STOP MOULDING BY DOOR INSTALLER (TO SUIT).

16 GA GALV. STEEL DOUBLE-END-STILE FASTENED WITH (1) #8 X 1/2" WAFER SCREW. END STILE DIM.: 5-3/4 X 2-1/8" X 3/8".

7/16" I.D. ROUND PUSH NUT FASTENER.

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

14 GA. GALV. STEEL ROLLER HINGES FASTENED TO END STILES W/(4) EACH #14x5/8" SHEET METAL SCREWS AND (2) 1/4" SELF TAPPING SCREWS PER END HINGE.

3" DIA. 8-1/2" LONG STEM BALL BEARING STEEL ROLLER.

SECTION C-C

PREPARATION OF JAMBS BY OTHERS.

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TEST LOADS: +57.0 P.S.F. & -63.0 P.S.F.

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.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2°
Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

ONE 5/16" x 1-5/8" LAG SCREW SPACED AT THE SAME DISTANCES AS THE TRACK BOLTS (I.E. 3-1/2", 10", 22", 34", 46", ETC.). ADDITIONAL LAG SCREWS LOCATED AT 16", 28", & 40" FROM BOTTOM. TWO LAG SCREWS ALSO LOCATED ABOVE VERTICAL/HORIZONTAL TRACK JUNCTION.

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

MANUFACTURING PRODUCT CODE
DSIU-1F471
PART NO.: N/A
WINDLOAD RATING
W6 DP38T
DESCRIPTION: 2" GALLERY PUR DOORS 16'2"W (SEE TABLE)
DRAWN BY: SH
CHECKED BY: SH
DWG. NO.: 104820-A/B
DATE: 1/10/13
DATE: 1/10/13
SCALE: NTS
SHEET 4 OF 4
VER: IBC
DWG. SIZE B

FLORIDA PRODUCT APPROVAL 16546