

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

MODELS	FLUSH	GROOVED
CLOPAY CLASSIC	9202, HDPC20	9205, HEPR20
HOLMES CLASSIC	7202	7205
IDEAL CLASSIC	8202, MFC68U	8205, MFR68U

SHEET
1 OF 4

REVISIONS					
REV. NO.	ZONE	DATE	ECN NO.	APPVD	DESCRIPTION
01	-	-	-	-	MODIFIED FOR FLORIDA APPROVAL.
02	-	-	-	-	ADDED IMPACT RESISTANT GLAZING.
03	-	12/12/14	-	-	ADDED "GROOVED" MODELS
04	-	10/16/17	-	-	REVISED U-BAR CALLOUT
05	-	8/6/20	-	SH	UPDATED TITLE BLOCK, REMOVED WIND CHART, ADDED BRIDGEPORT.

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.

(2) 12 GA. GALV. STEEL TOP ROLLER BRACKETS. SEE SECTION A-A ON SHEET THREE FOR DETAILS.

16 GA. MIN. GALV. STEEL END STILES.

VIEW "B"
VIEW "C"

TWO POINT LOCKING INTO TRACK.

U-BAR.

T-STRUT.

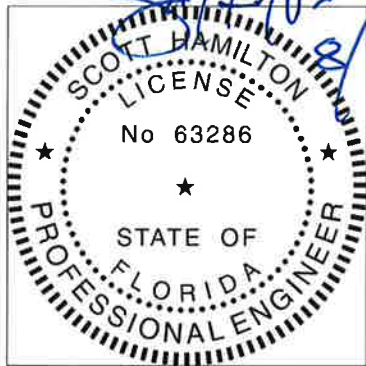
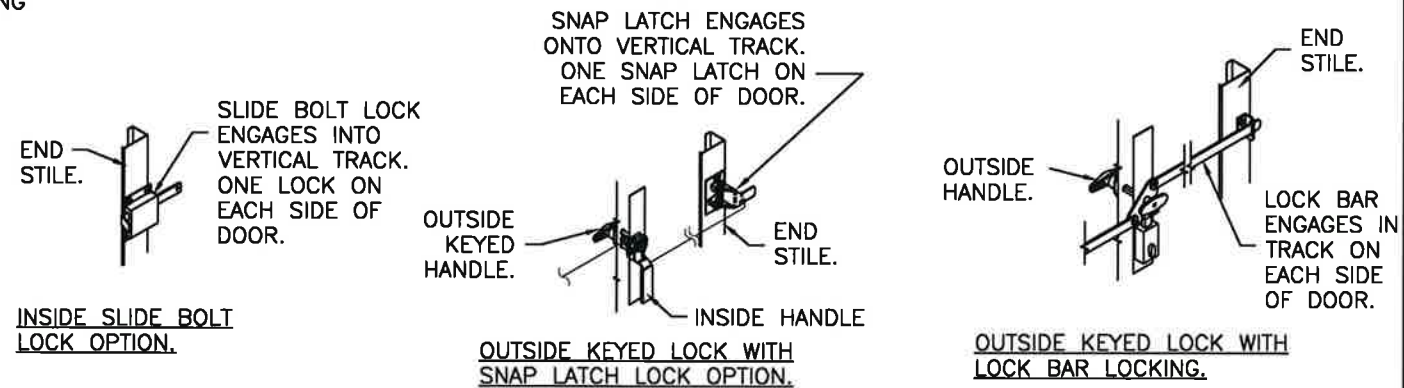
BRACKET USED FOR BOTTOM DOUBLE END STILE.

OPTIONAL OUTSIDE KEYED LOCK POSITION.

MAX. DOOR WIDTH = 18'-2"
INSIDE ELEVATIONS

MAX. SECTION HT. 24"
MAX. DOOR HEIGHT = 16'-0"

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"	



DESIGN ENGINEER:
SCOTT HAMILTON, P.E.
FLORIDA LICENSE No. 63286

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 18'2"W (SEE TABLE)

DRAWN BY: SH	DATE: 1/10/13	SCALE: NTS	DWG. SIZE B
CHECKED BY: SH	DATE: 1/10/13	SHEET 1 OF 4	
DWG. NO.: 104821-A/B		VER: IBC	

MANUFACTURING PRODUCT CODE
DSIU-1F471

PART NO.: N/A

WINDLOAD RATING
W6 DP38T

2 FLORIDA PRODUCT APPROVAL 16546

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

MODELS	FLUSH	GROOVED
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SHEET:
2 OF 4

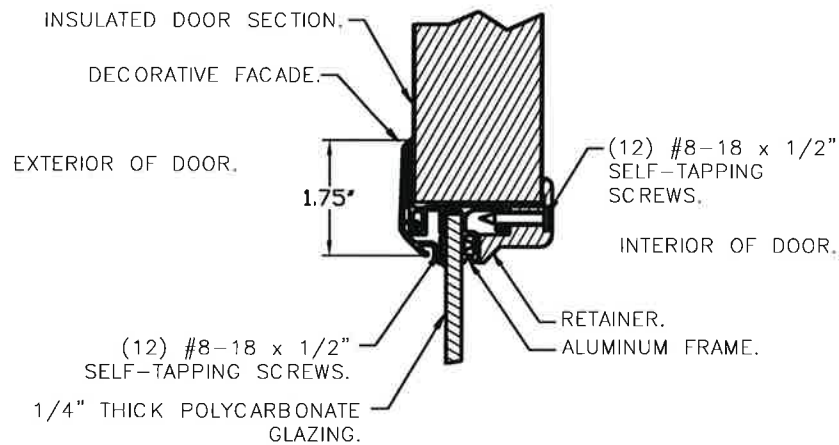
REVISIONS					
REV. NO.	ZONE	DATE	ECN NO.	APPVD	DESCRIPTION
05	-	-	-	SH	SEE REVISION HISTORY ON SHEET ONE.

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

IMPACT-RESISTANT CONSTRUCTION:

SOLID DOORS (NO GLAZING) OR DOORS WITH OPTIONAL IMPACT-RESISTANT GLAZING ARE IMPACT-RESISTANT. OPTIONAL IMPACT RESISTANT ASSEMBLY CONSISTS OF ALUMINUM FRONT FRAME AND SABIC IP LEXAN 9034 (VERSIONS ALSO APPROVED: MR10, 9030, 90318, 90316, 90317, 90311, 90314, 90355) OR BAYER MAKROLON GP (VERSIONS ALSO APPROVED: SL, AR, 15), APPROVED CC1 PLASTICS IN ACCORDANCE WITH IBC/FBC 2606 AND APPROVED C1 PLASTICS 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)

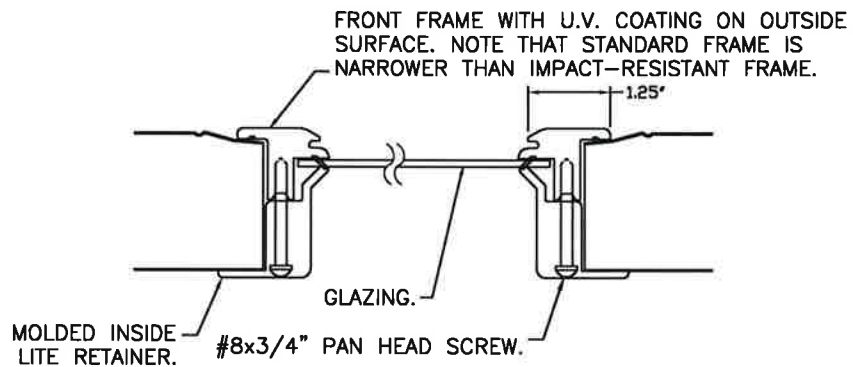


IMPACT-RESISTANT ASSEMBLY DETAILS
DRAWING 104821-A

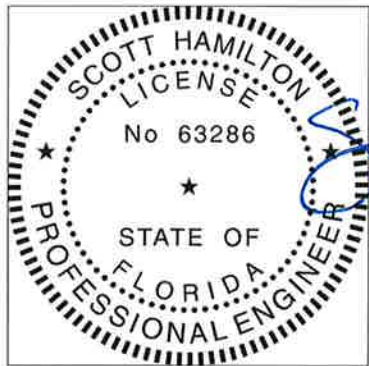
STANDARD ASSEMBLY CONSTRUCTION:

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).

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



STANDARD ASSEMBLY DETAILS
DRAWING 104821-B



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DRAWN BY: SH

DATE: 1/10/13

SCALE: NTS

DWG. B

CHECKED BY: SH

DATE: 1/10/13

SHEET 2 OF 4

SIZE B

DWG. NO.: 104821-A/B

VER: IBC

MANUFACTURING PRODUCT CODE
DSIU-1F471

PART NO.: N/A

WINDLOAD RATING
W6 DP38T

2 FLORIDA PRODUCT APPROVAL 16546

MODELS	SHORT	LONG
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HOLMES ARTISTRY	AR2SU	AR2LU
IDEAL EXPRESSIONS	ED2SU	ED2LU

MODELS	FLUSH	GROOVED
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HOLMES CLASSIC	7202	7205
IDEAL CLASSIC	8202, MFC68U	8205, MFR68U

SHEET: 3 OF 4	REVISIONS					
	REV. NO.	ZONE	DATE	ECN NO.	APPVD:	DESCRIPTION
	05	-	-	-	SH	SEE REVISION HISTORY ON SHEET ONE.

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

JAMB TO SUPPORTING STRUCTURE ATTACHMENT

NOTES:

1. ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE TRACK AND THEN FROM THE TRACK TO THE 2x6 VERTICAL SYP (GRADE #2 OR BETTER) JAMBS. NO LOAD FROM THE DOOR IS TRANSFERRED TO THE HORIZONTAL (TOP) JAMB.
2. EACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +304 LB & -336 LB. PER LINEAR FOOT OF JAMB.
3. ALL JAMB FASTENERS MAY BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
4. A 1/3 STRESS INCREASE FOR WIND LOAD WAS NOT USED IN THE CALCULATION OF ALLOWABLE LOADS FOR ANCHORS AND FASTENERS FOR STEEL, CONCRETE AND MASONRY.

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.

2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

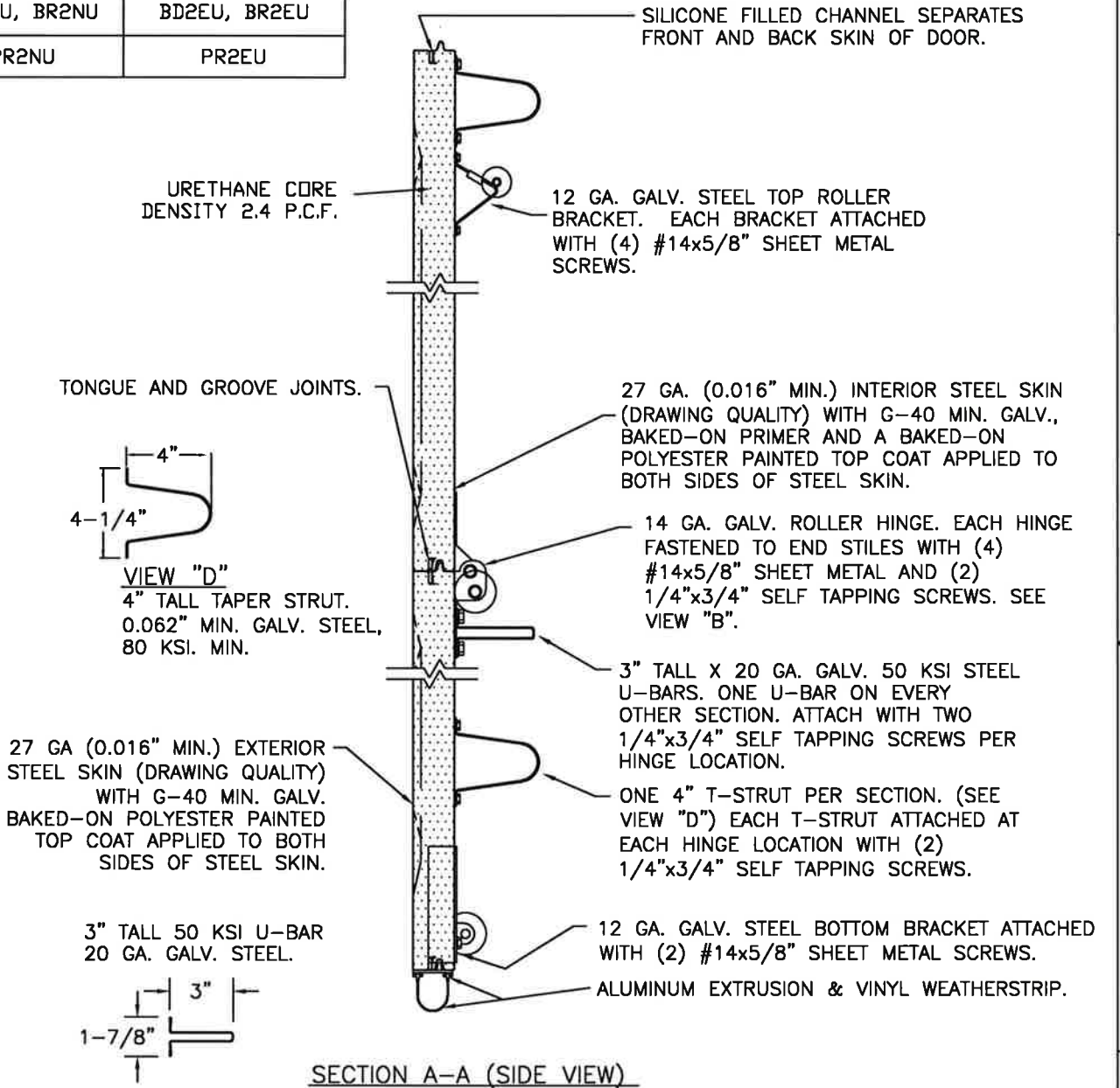
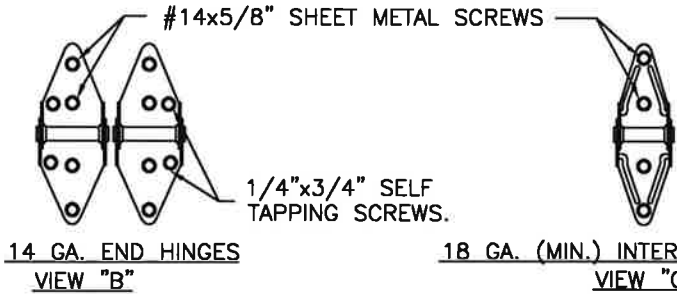
(NOT TO BE USED FOR ATTACHMENT OF TRACK ANGLE TO 2x6 VERTICAL JAMBS OR SUPPORTING STRUCTURE)

BUILDING TYPE	FASTENER TYPE	MAXIMUM ON-CENTER DISTANCE BETWEEN FASTENERS*	STEEL WASHERS REQUIRED?
BLOCK WALL	1/4" x 1-1/2" MIN. EMBED TAPCON CONCRETE ANCHOR	5"	1" O.D.
3000 PSI MIN. CONCRETE	1/4" x 1-1/2" MIN. EMBED TAPCON CONCRETE ANCHOR	13"	1" O.D.
2000 PSI MIN. CONCRETE	3/8" x 1-1/2" MIN. EMBED SIMPSON STRONG-TIE SLEEVE ANCHOR	11"	INCLUDED
WOOD FRAME (SYP 0.55 SG)	1/2" x 3" LAG SCREW (ASTM A307, GRADE A) 1-1/2" EMBED INTO STRUCTURE	19"	1" O.D.

* FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE. HIGHEST ANCHOR INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING.
CLOPAY DOES NOT SUPPLY JAMB ATTACHMENT FASTENERS.
MINIMUM DISTANCE BETWEEN CENTER OF ANCHOR AND EDGE OF CONCRETE BLOCK: 2-1/2", EXCLUDING STUCCO THICKNESS.



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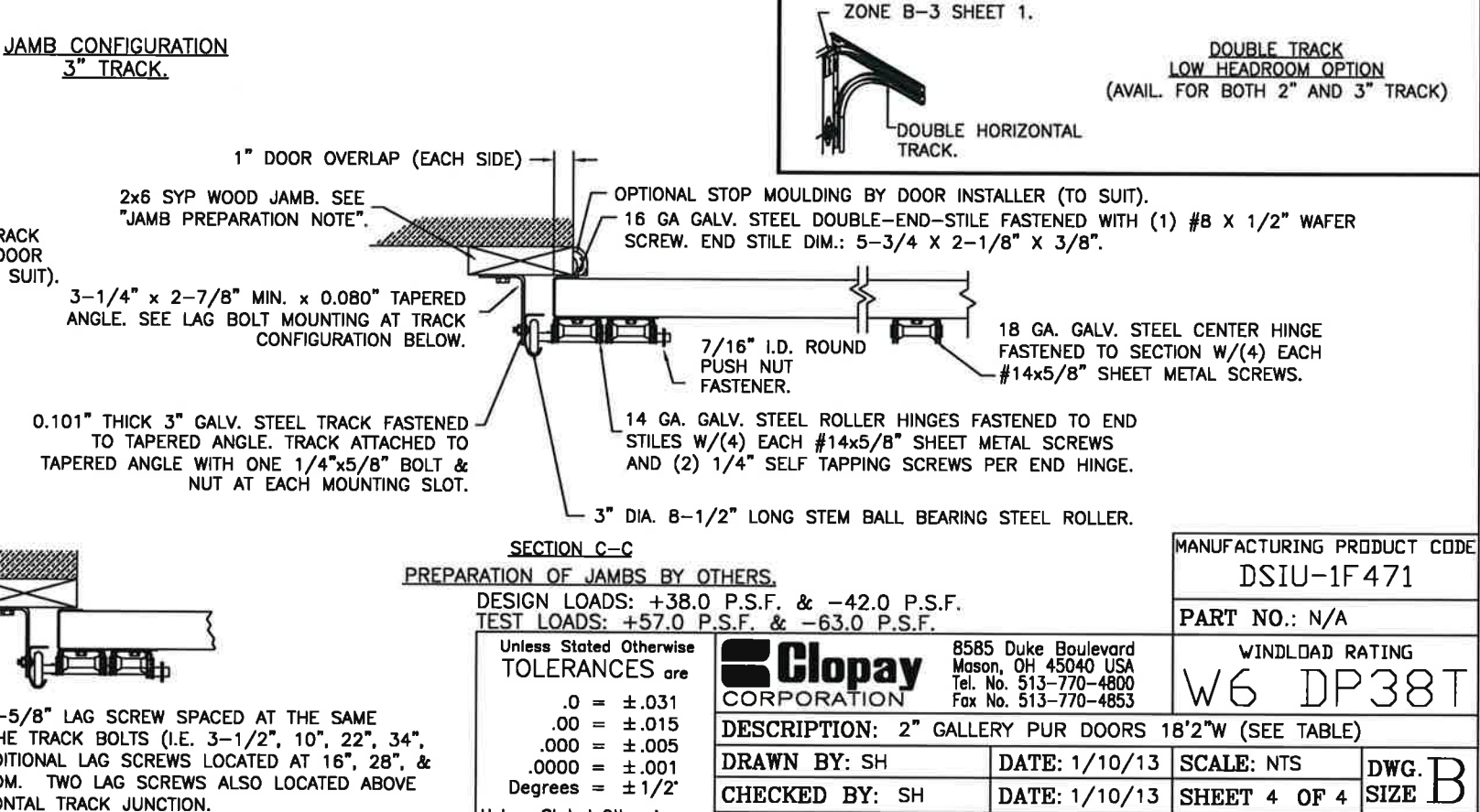
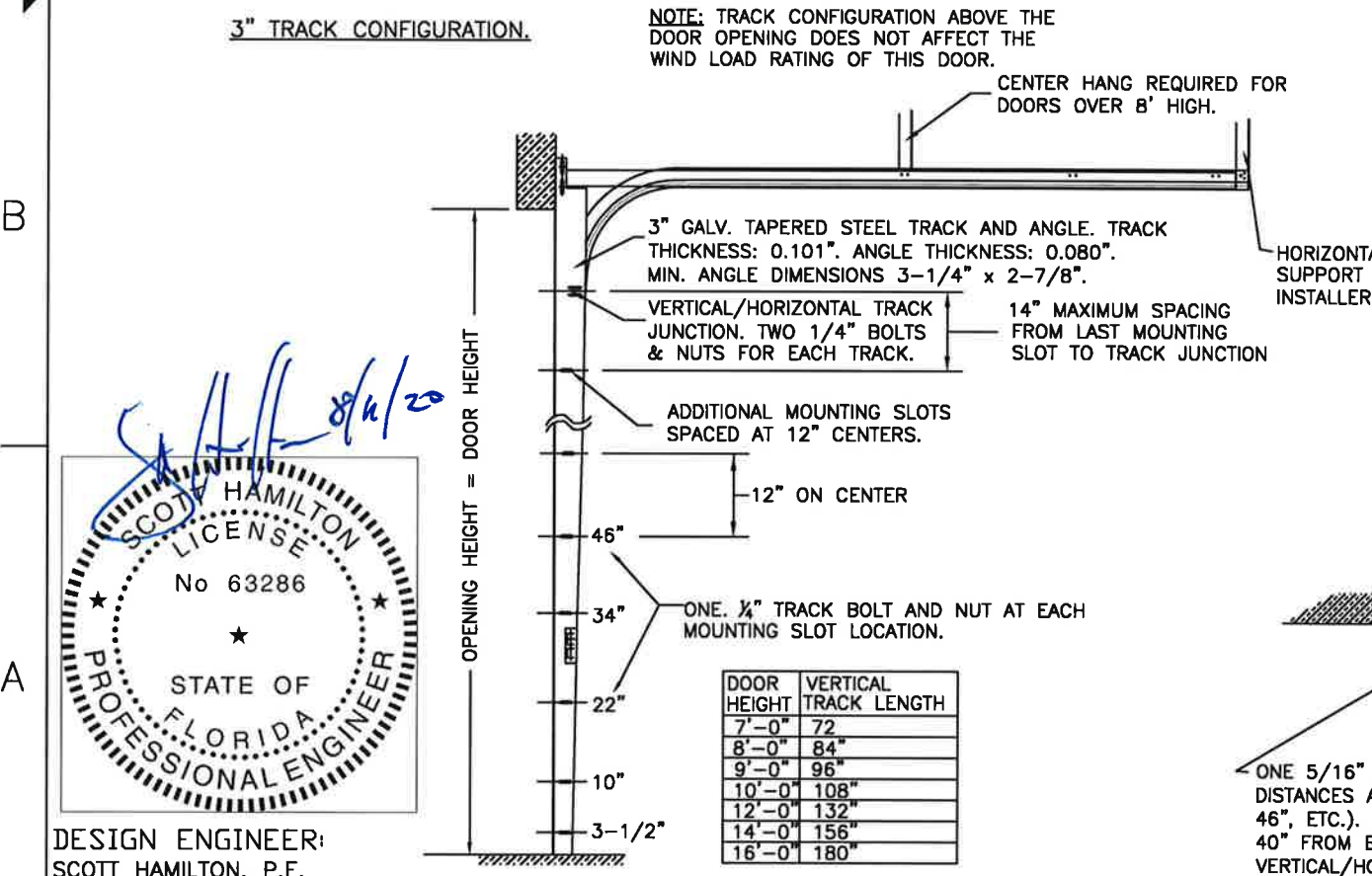
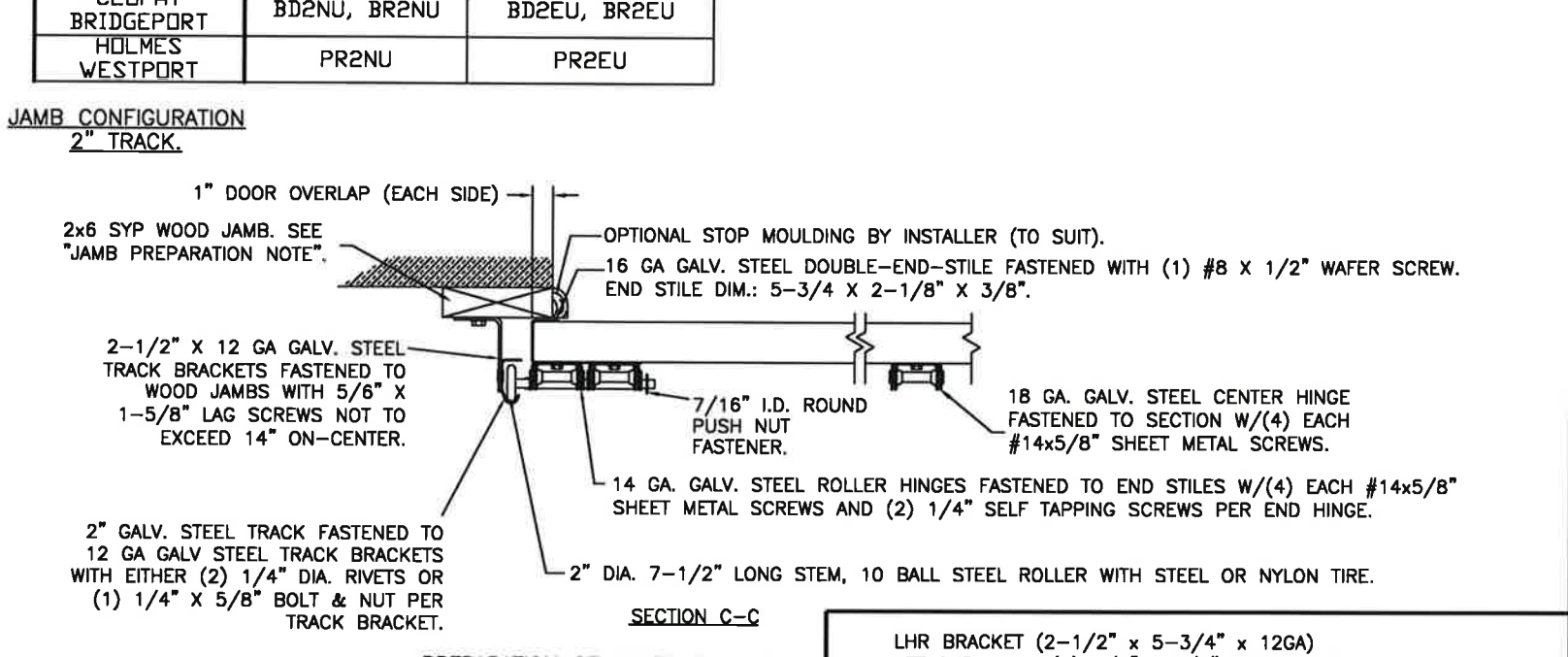
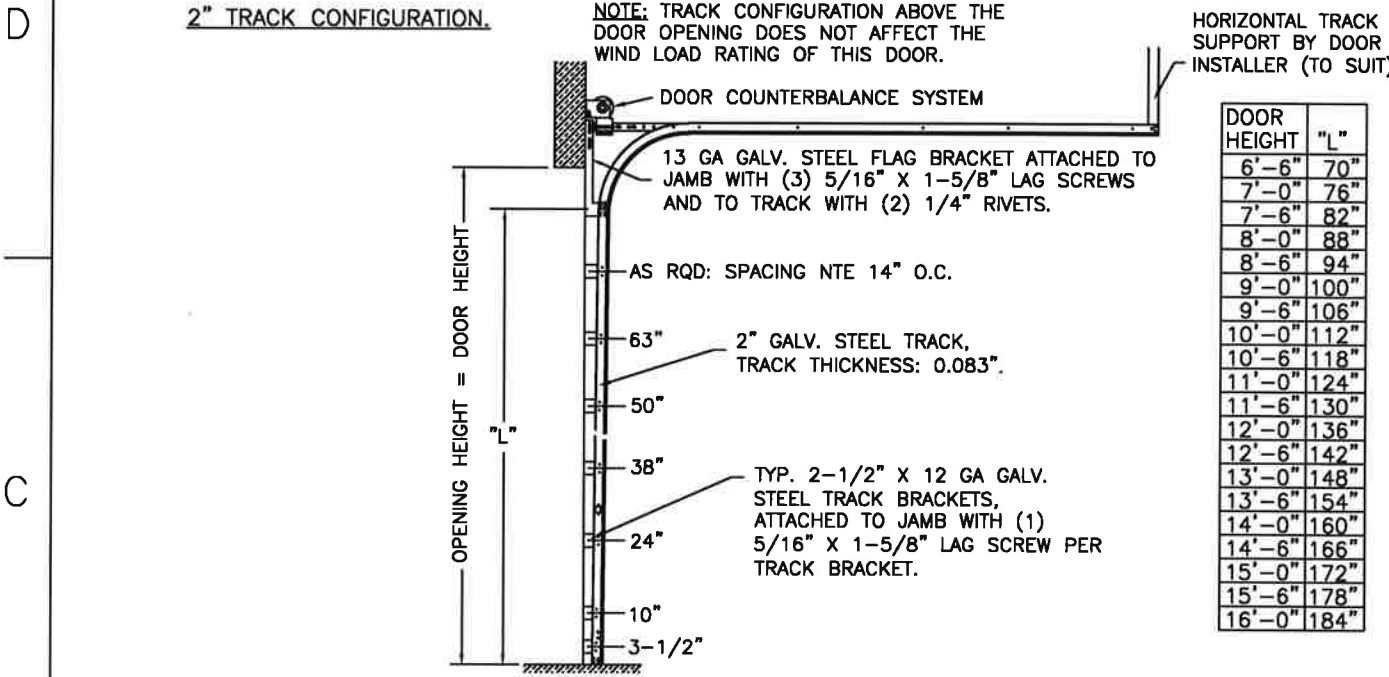
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CHECKED BY: SH	DATE: 1/10/13	SHEET 3 OF 4	
DWG. NO.: 104821-A/B	VER: IBC		

MANUFACTURING PRODUCT CODE
DSIU-1F471

PART NO.: N/A

WINDLOAD RATING
W6 DP38T

4			3			2						1
MODELS	SHORT	LONG	MODELS	FLUSH	GROOVED	SHEET: 4 OF 4	REVISIONS					
CLOPAY GALLERY	GD2SU, GR2SU	GD2LU, GR2LU	CLOPAY CLASSIC	9202, HDPC20	9205, HEPR20		REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
HOLMES ARTISTRY	AR2SU	AR2LU	HOLMES CLASSIC	7202	7205		05	-	-	-	SH	SEE REVISION HISTORY ON SHEET ONE.
IDEAL EXPRESSIONS	ED2SU	ED2LU	IDEAL CLASSIC	8202, MFC68U	8205, MFR68U		MODELS	NARROW	WIDE			



8/4/20

SCOTT HAMILTON
LICENSE
No 63286
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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