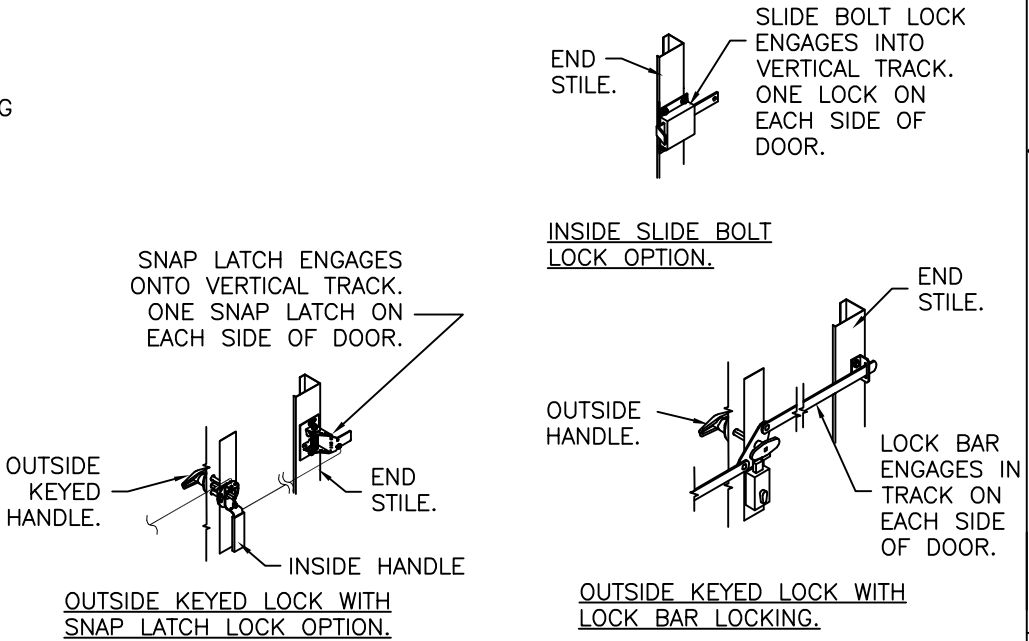
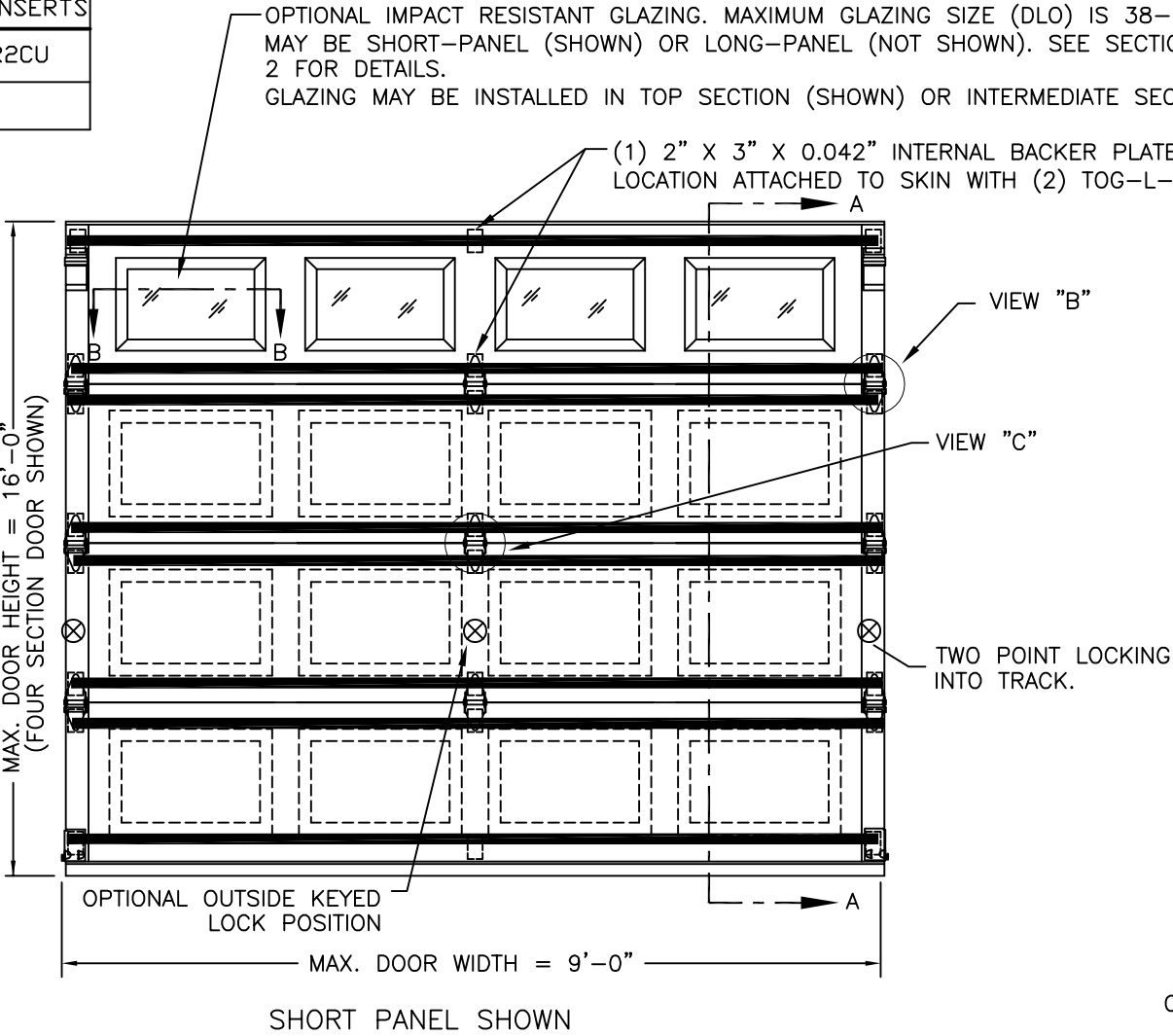


4			3			2			1			
MODELS	SHORT	LONG	MODELS	FLUSH	GROOVED	SHEET: 1 OF 4	REVISIONS					
CLOPAY GALLERY	GD2SU, GR2SU	GD2LU, GR2LU	CLOPAY CLASSIC	9202, HDPC20	9205, HDPR20		REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
HOLMES ARTISTRY	AR2SU	AR2LU	HOLMES CLASSIC	7202	7205		05	—	3/6/15	—	—	REVISED GLAZING CALLOUT.
IDEAL EXPRESSIONS	ED2SU	ED2LU	IDEAL CLASSIC	8202, MFC68U	8205, MFR68U		06	—	8/6/20	—	SH	UPDATED TITLE BLOCK AND REMOVED WIND CHART.
							07	—	10/3/25	—	JDW	UPDATED IMPACT RESISTANT GLAZING DETAILS.
							08	—	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

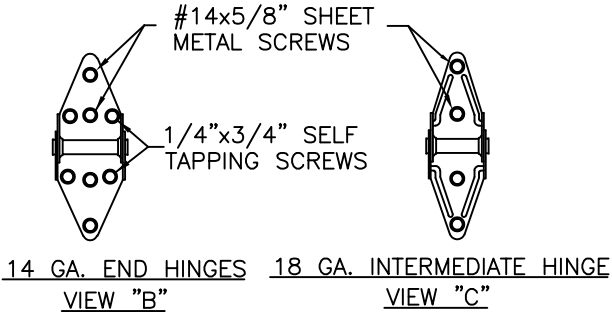
DOOR HEIGHT	# OF SECTIONS
UP TO 6'0"	3
6'3" TO 8'0"	4
8'3" TO 10'0"	5
10'3" TO 12'0"	6
12'3" TO 14'0"	7
14'3" TO 16'0"	8
MAX SECTION HEIGHT: 24"	



Digitally signed by Jim Wheeler
Date: 2025.12.15 11:10:26 -0500

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

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



DESIGN LOADS: +54.0 P.S.F. & -60.0 P.S.F.
TEST LOADS: +81.0 P.S.F. & -90.0 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.

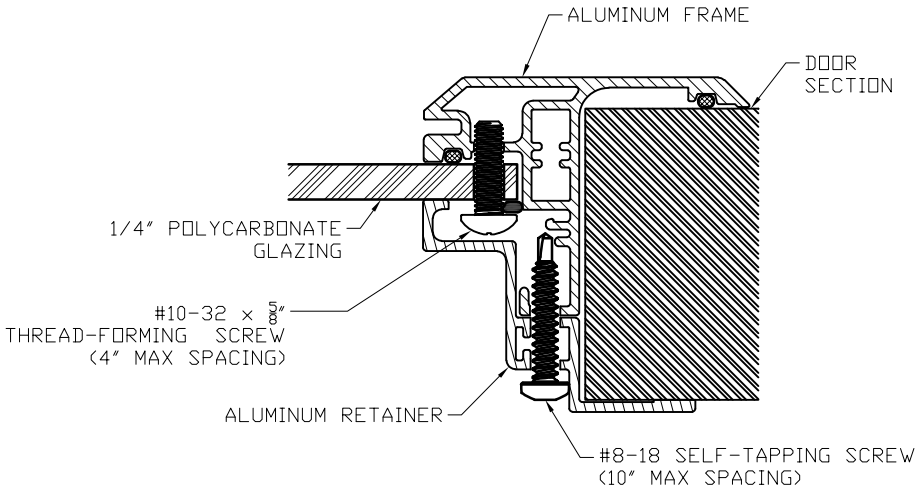
MANUFACTURING PRODUCT CODE DSIU-1F471		PART NO.: N/A	
WINDLOAD RATING W8 DP54		DESCRIPTION: GALLERY 2" PUR SINGLE CAR +54/-60 PSF	
DRAWN BY: BFA	DATE: 7/8/08	SCALE: NTS	DWG. SIZE B
CHECKED BY: --	DATE: --	SHEET 1 OF 4	VER: IBC
DWG. NO.: 104435			

4			3			2					1	
MODELS	SHORT	LONG	MODELS	FLUSH	GROOVED	SHEET: 2 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		08	-	-	-	-	SEE REVISION HISTORY ON SHEET ONE.
IDEAL EXPRESSIONS	ED2SU	ED2LU	IDEAL CLASSIC	8202, MFC68U	8205, MFR68U							

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

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 GE LEXAN MR10, AN APPROVED CC1 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 104435-A

DESIGN ENGINEER:
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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		WINDLOAD RATING	
			W8 DP54	
			DESCRIPTION: GALLERY 2" PUR SINGLE CAR +54/-60 PSF	
			DRAWN BY: BFA	
DATE: 7/8/08		SCALE: NTS		DWG. SIZE B
CHECKED BY: --		DATE: --		
SHEET 2 OF 4				
DWG. NO.: 104435			VER: IBC	

4

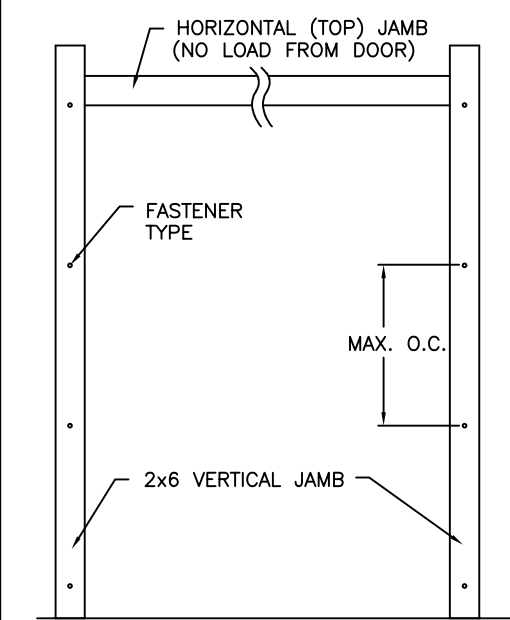
MODELS	SHORT	LONG
CLOPAY GALLERY	GD2SU, GR2SU	GD2LU, GR2LU
HOLMES ARTISTRY	AR2SU	AR2LU
IDEAL EXPRESSIONS	ED2SU	ED2LU

3

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

D

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



JAMB TO SUPPORTING STRUCTURE ATTACHMENT

- NOTES:
- 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.
 - EACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +243 LB & -270 LB. PER LINEAR FOOT OF JAMB.
 - ALL JAMB FASTENERS MAY BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
 - 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?
HOLLOW CMU BLOCK WALL	1/4" x 1-1/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	6-3/4"	1" O.D.
GROUT-FILLED CMU BLOCK	1/4" x 1-3/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	11-1/4"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1" MIN. EMBED ULTRACON CONCRETE ANCHOR	9-3/4"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1" MIN. EMBED TAPCON CONCRETE ANCHOR	9"	1" O.D.
2000 PSI MIN. CONCRETE	3/8" X 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR	20-3/4"	INCLUDED
4000 PSI MIN. CONCRETE	3/8" X 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR	24"	INCLUDED
WOOD FRAME (SYP 0.55 SG)	1/2" x 3" LAG SCREW (ASTM A307, GRADE A) 1-5/8" EMBED INTO STRUCTURE	22-1/4"	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.

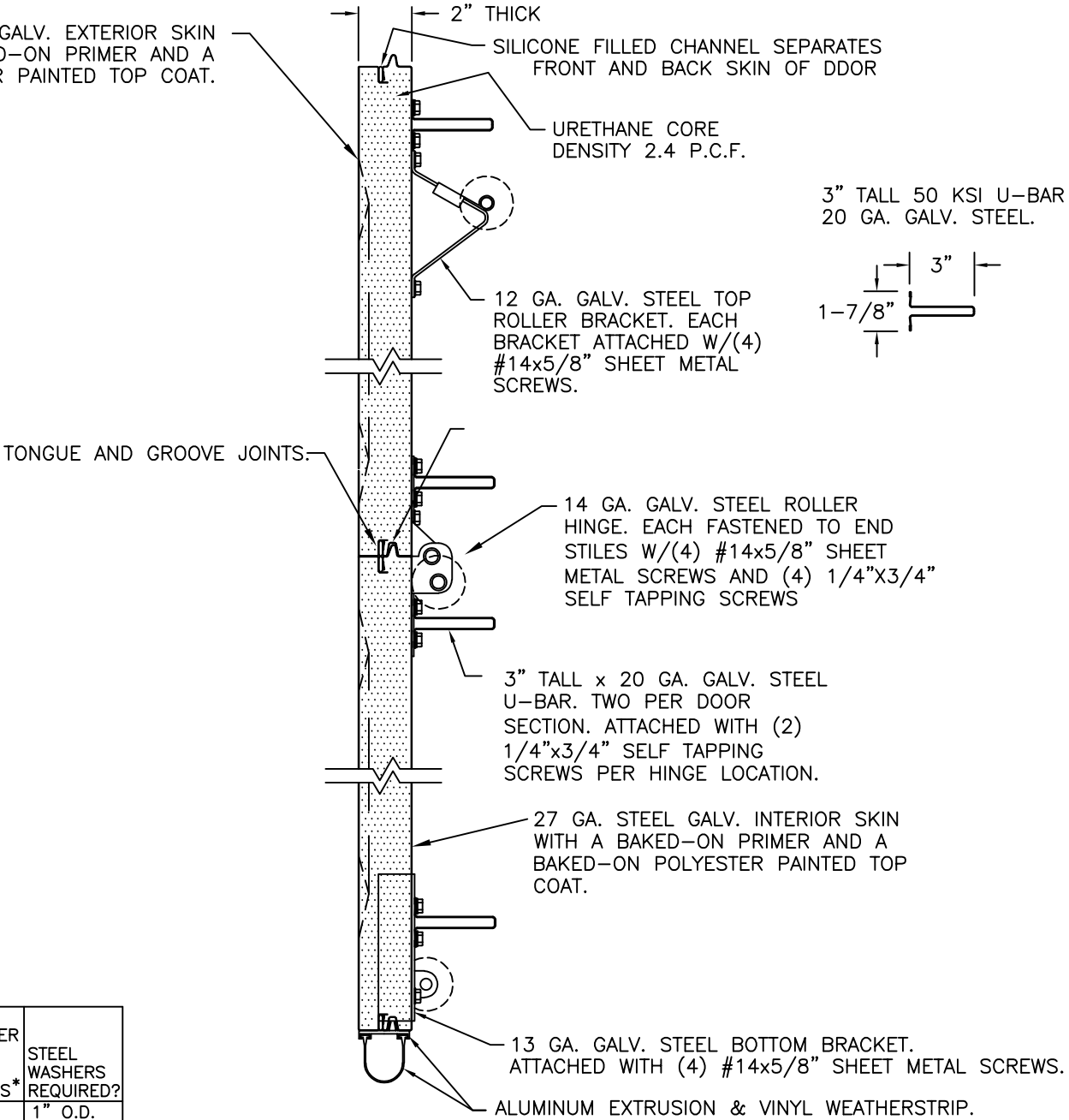
A

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

2

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

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: +54.0 P.S.F. & -60.0 P.S.F.
TEST LOADS: +81.0 P.S.F. & -90.0 P.S.F.

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.00 = ±.015
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Clopay
CORPORATION

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

DESCRIPTION: GALLERY 2" PUR SINGLE CAR +54/-60 PSF

DRAWN BY: BFA	DATE: 7/8/08	SCALE: NTS	DWG. SIZE B
CHECKED BY: --	DATE: --	SHEET 3 OF 4	
DWG. NO.: 104435	VER: IBC		

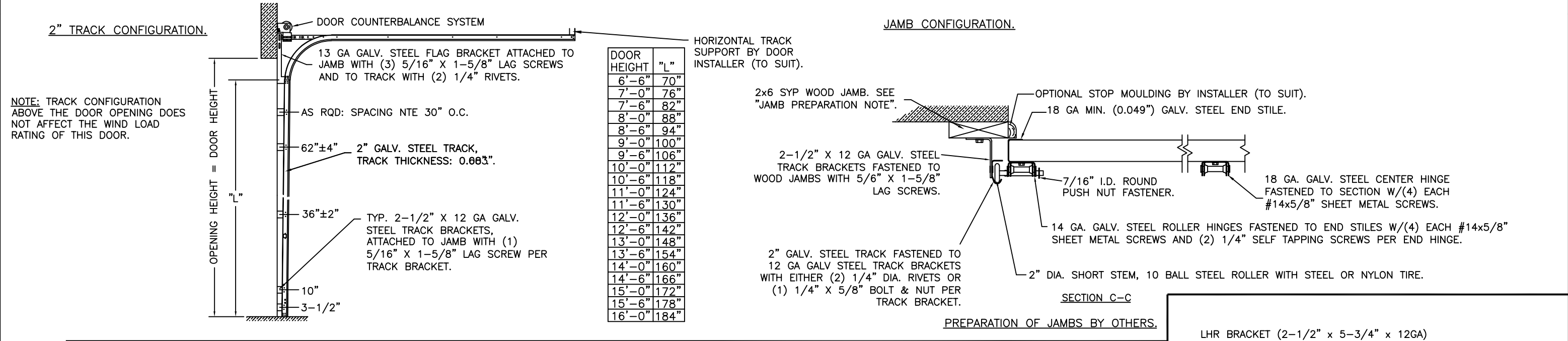
MANUFACTURING PRODUCT CODE
DSIU-1F471

PART NO.: N/A

WINDLOAD RATING
W8 DP54

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, HDPR20		REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION	
HOLMES ARTISTRY	AR2SU	AR2LU	HOLMES CLASSIC	7202	7205		08	-	-	-	-	SEE REVISION HISTORY ON SHEET ONE.	
IDEAL EXPRESSIONS	ED2SU	ED2LU	IDEAL CLASSIC	8202, MFC68U	8205, MFR68U								

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



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Clopay CORPORATION		8585 Duke Boulevard Mason, OH 45040 USA Tel. No. 513-770-4800 Fax No. 513-770-4853	
DESCRIPTION: GALLERY 2" PUR SINGLE CAR +54/-60 PSF		WINDLOAD RATING W8 DP54	
DRAWN BY: BFA	DATE: 7/8/08	SCALE: NTS	DWG. SIZE B
CHECKED BY: --	DATE: --	SHEET 4 OF 4	
DWG. NO.: 104435	VER: IBC		