

MODELS	SHORT	LONG
CLOPAY GALLERY	GD2SP, GR2SP	GD2LP, GR2LP
HOLMES ARTISTRY	AR2SP	AR2LP
IDEAL EXPRESSIONS	ED2SP	ED2LP

MODELS	FLUSH	GROOVED
CLOPAY CLASSIC	4302, HDGC	4305, HDGR
HOLMES CLASSIC	6202	6205
IDEAL CLASSIC	MFC68	SFR68, MFR68

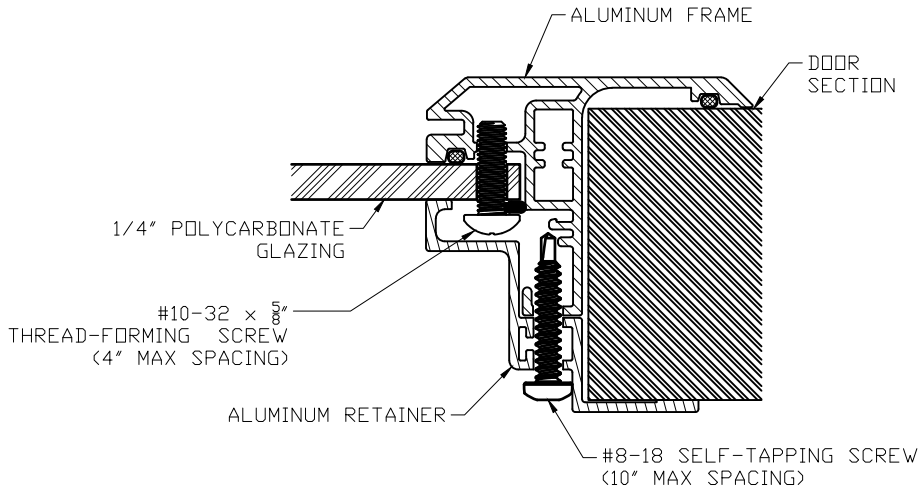
SHEET:
1 OF 3

REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
05	—	8/6/20	—	SH	UPDATED TITLE BLOCK AND REMOVED WIND CHART
06	—	10/6/25	—	DH	REVISED IMPACT RESISTANT GLAZING DETAILS

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

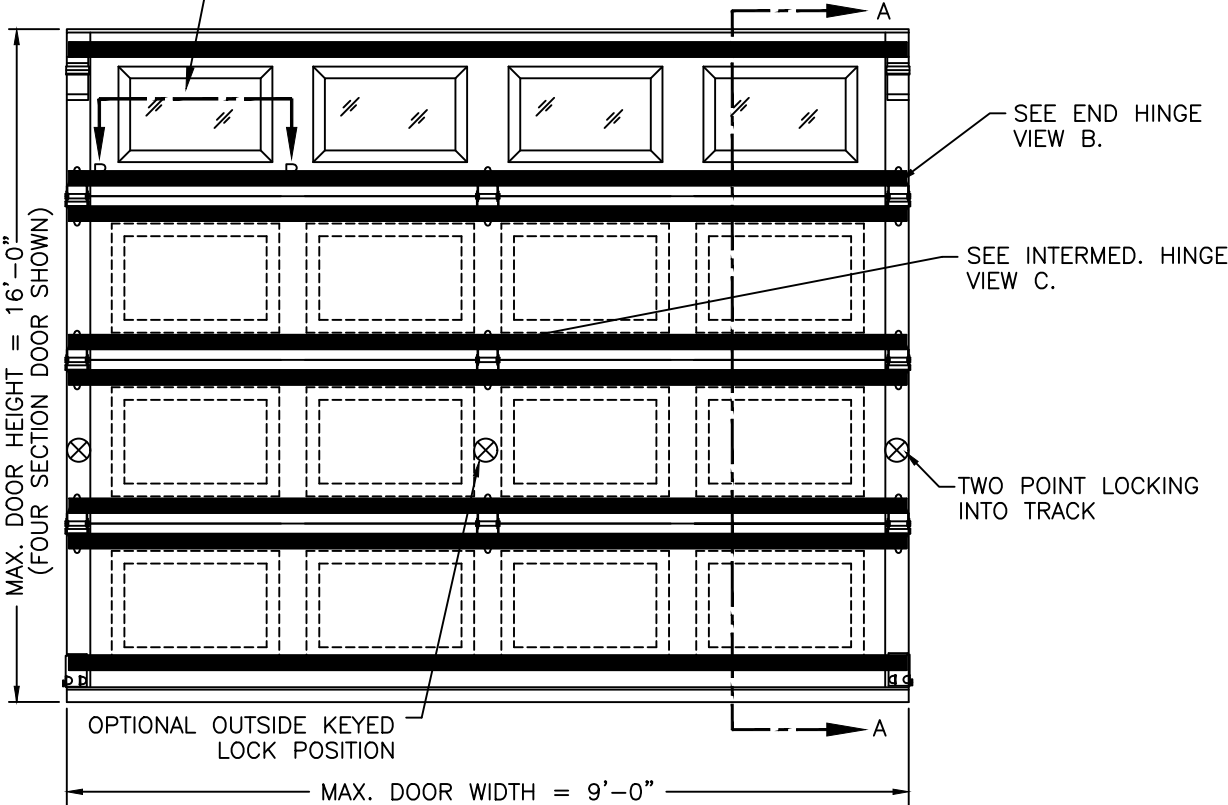
IMPACT-RESISTANT CONSTRUCTION:
SOLID DOORS (NO GLAZING) OR DOORS WITH OPTIONAL IMPACT-RESISTANT GLAZING ARE IMPACT-RESISTANT. OPTIONAL IMPACT RESISTANT ASSEMBLY CONSISTS OF ALUMINUM FRONT FRAME GE LEXAN MR10, AN APPROVED CC1 PLASTIC IN ACCORDANCE WITH IBC/FBC 2606 AND AN APPROVED C1 PLASTIC IN ACCORDANCE 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)

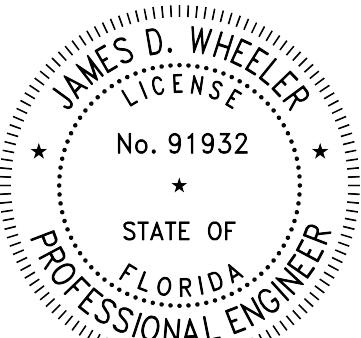
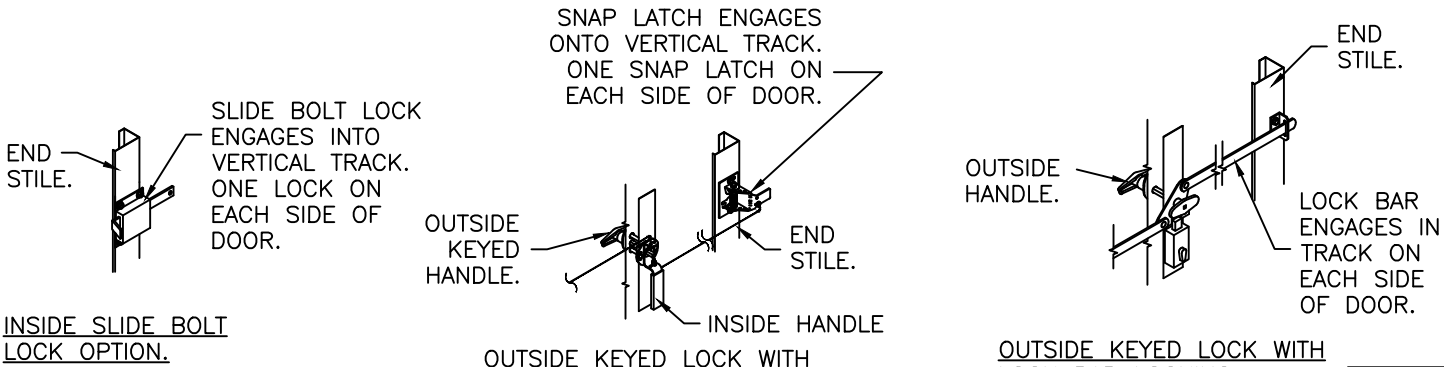


DOOR WIDTH	# OF INTERM. HINGES/JOINT
6'2" TO 7'6"	2
7'8" TO 9'0"	1

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"	



SHORT PANEL SHOWN



Digitally signed by Jim Wheeler
Date: 2025.10.15 15:16:01 -04'00'

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.



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

DESCRIPTION: 2" GALLERY EPS SINGLE-CAR DOORS (SEE TABLE)

DRAWN BY: BFA DATE: 7/08/08 SCALE: NTS DWG. B

CHECKED BY: SH DATE: 7/08/08 SHEET 1 OF 3 SIZE

DWG. NO.: 104119 VER: IBC

MANUFACTURING PRODUCT CODE
DSIE-1F471

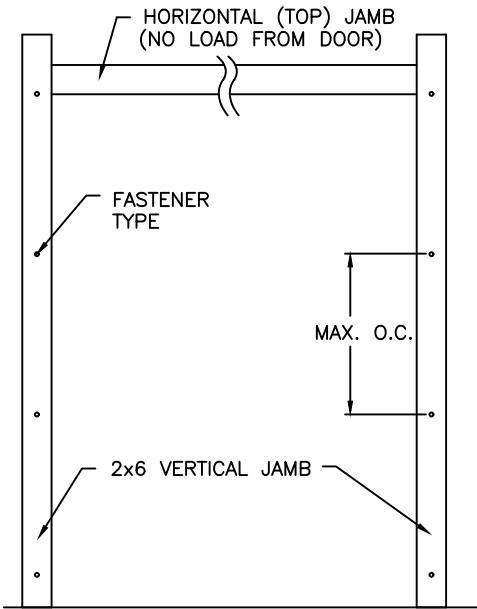
PART NO.: N/A

WINDLOAD RATING
W8 DP54

MODELS	SHORT	LONG
CLOPAY GALLERY	GD2SP, GR2SP	GD2LP, GR2LP
HOLMES ARTISTRY	AR2SP	AR2LP
IDEAL EXPRESSIONS	ED2SP	ED2LP

MODELS	FLUSH	GROOVED
CLOPAY CLASSIC	4302, HDGC	4305, HDGR
HOLMES CLASSIC	6202	6205
IDEAL CLASSIC	MFC68	SFR68, MFR68

SHEET: 2 OF 3	REVISIONS					
	REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
	06	-	-	-	DH	SEE REVISION HISTORY ON SHEET ONE.



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 +243 LB & -270 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.

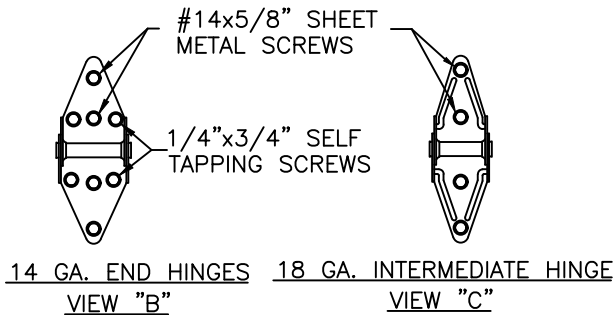
PREPARATION OF JAMBS BY OTHERS

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)

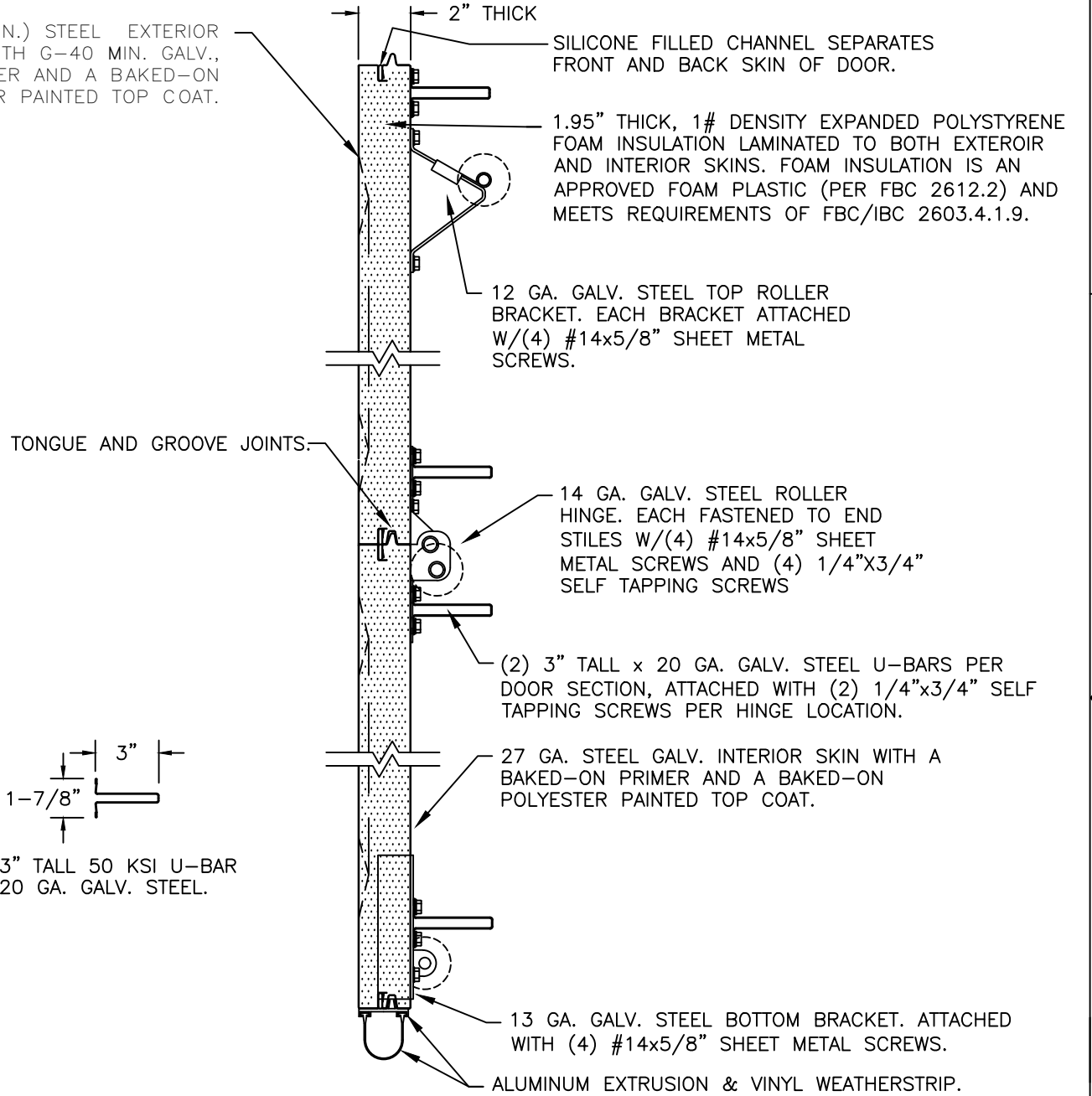
BUILDING TYPE	FASTENER TYPE	MAXIMUM ON-CENTER DISTANCE BETWEEN FASTENERS*	STEEL WASHERS REQUIRED?
HOLLOW CMU BLOCK WALL	1/4" x 1-1/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	6-3/4"	1" O.D.
GROUT-FILLED CMU BLOCK	1/4" x 1-3/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	11-1/4"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" 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	8"	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.



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

27 GA. (0.016" MIN.) STEEL EXTERIOR SKIN WITH G-40 MIN. GALV., 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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DIMENSIONS ARE IN INCHES.

Clopay
CORPORATION

8585 Duke Boulevard
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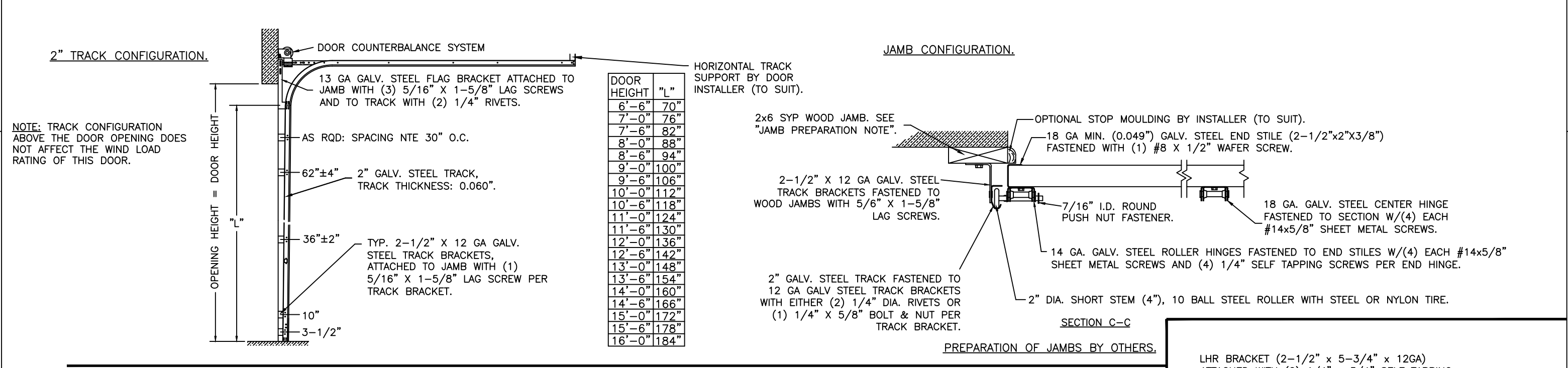
DRAWN BY: BFA	DATE: 7/08/08	SCALE: NTS	DWG. SIZE B
CHECKED BY: SH	DATE: 7/08/08	SHEET 2 OF 3	
DWG. NO.: 104119	VER: IBC		

MANUFACTURING PRODUCT CODE
DSIE-1F471

PART NO.: N/A

WINDLOAD RATING
W8 DP54

4			3			2			1			
MODELS	SHORT	LONG	MODELS	FLUSH	GROOVED	SHEET: 3 OF 3	REVISIONS					
CLOPAY GALLERY	GD2SP, GR2SP	GD2LP, GR2LP	CLOPAY CLASSIC	4302, HDGC	4305, HDGR		REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
HOLMES ARTISTRY	AR2SP	AR2LP	HOLMES CLASSIC	6202	6205		06	-	-	-	DH	SEE REVISION HISTORY ON SHEET ONE.
IDEAL EXPRESSIONS	ED2SP	ED2LP	IDEAL CLASSIC	MFC68	SFR68, MFR68							



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		WINDLOAD RATING W8 DP54	
	DESCRIPTION: 2" GALLERY EPS SINGLE-CAR DOORS (SEE TABLE)		
	DRAWN BY: BFA	DATE: 7/08/08	SCALE: NTS
CHECKED BY: SH	DATE: 7/08/08	SHEET 3 OF 3	SIZE
DWG. NO.: 104119		VER: IBC	