

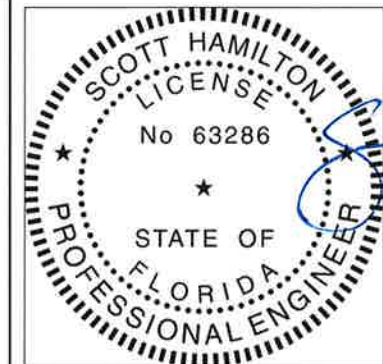
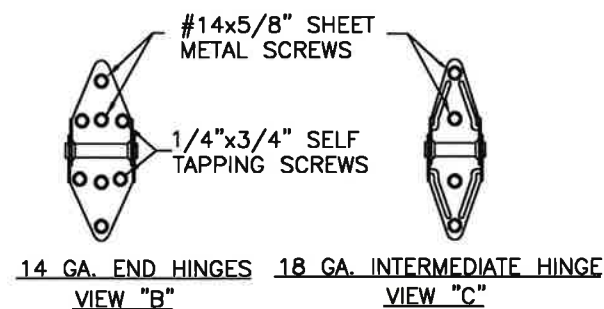
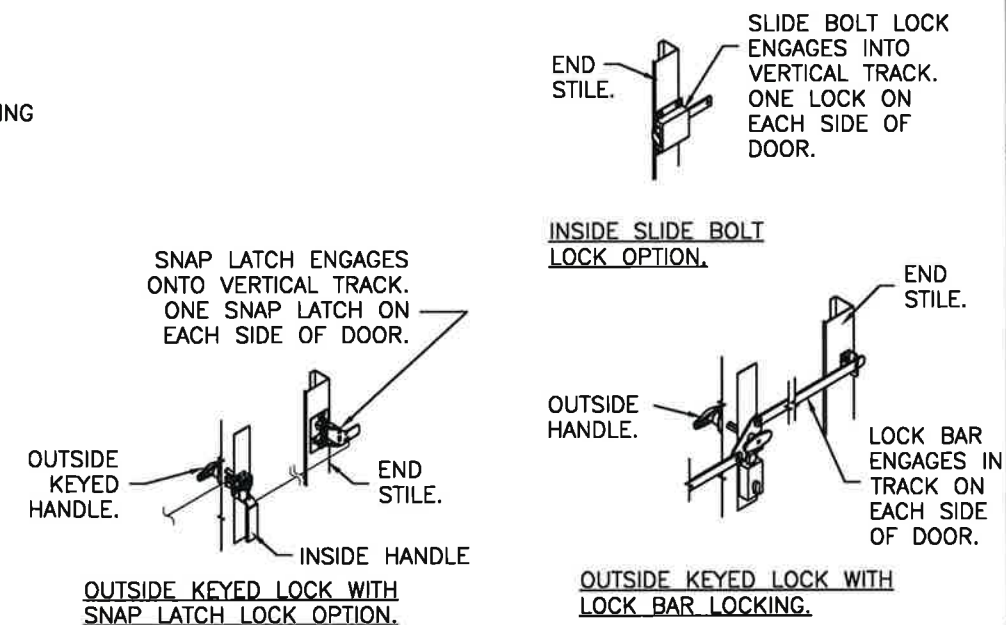
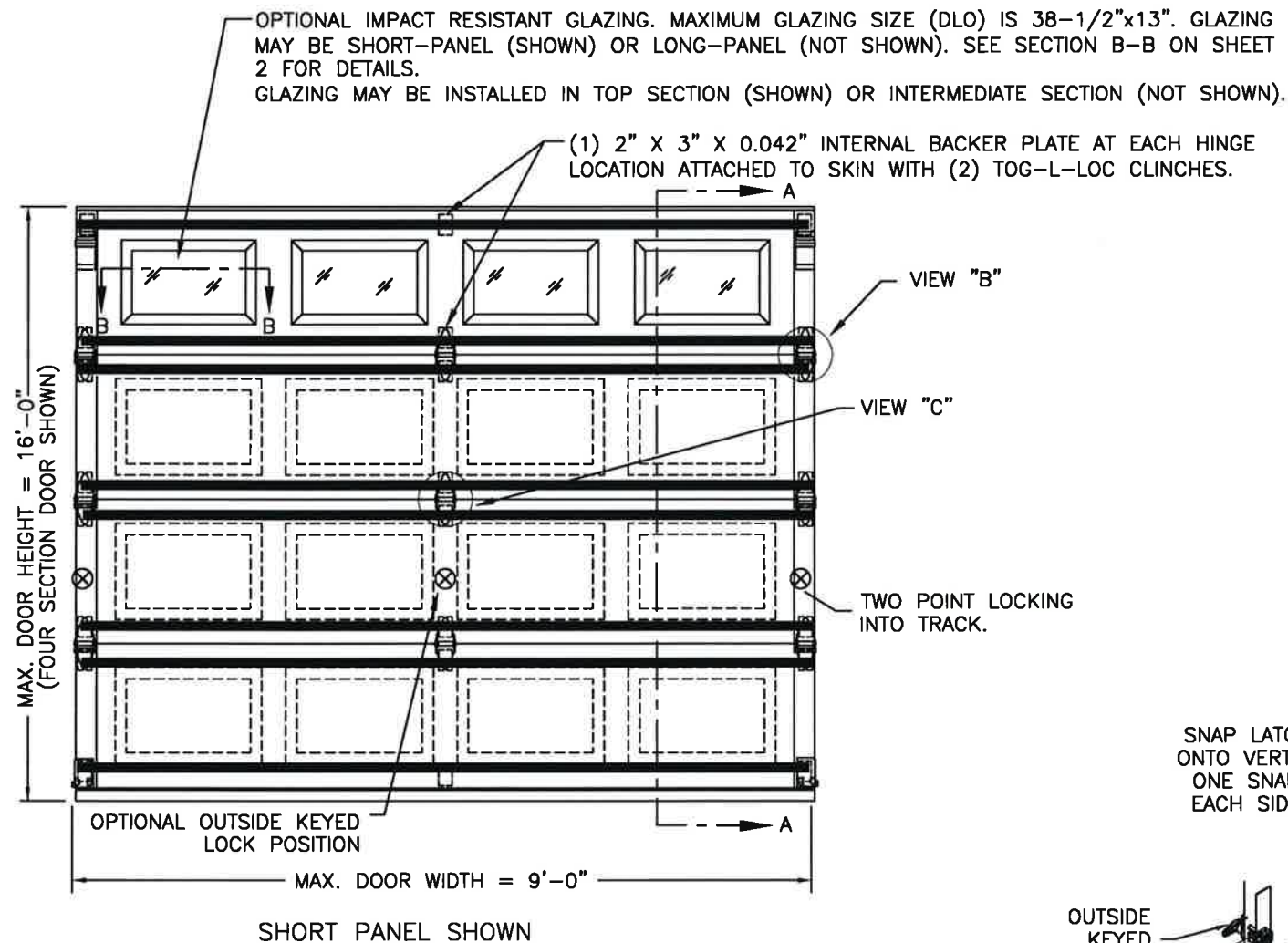
MODELS	SHORT	LONG
CLOPAY GALLERY	GD2SU, GR2SU	GD2LU, GR2LU
HOLMES ARTISTRY	AR2SU	AR2LU
IDEAL EXPRESSIONS	ED2SU	ED2LU

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

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"	

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

SHEET: 1 OF 4	REVISIONS					
	REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
	03	—	12/5/13	—	SH	ADDED IMPACT RESISTANT LITES.
	04	—	12/12/14	—	—	ADDED "GROOVED" MODELS.
	05	—	3/6/15	—	—	REVISED GLAZING CALLOUT.
	06	—	8/6/20	—	SH	UPDATED TITLE BLOCK AND REMOVED WIND CHART



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

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.

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 1 OF 4

DWG. NO.: 104435

VER: IBC

MANUFACTURING PRODUCT CODE
DSIU-1F471

PART NO.: N/A

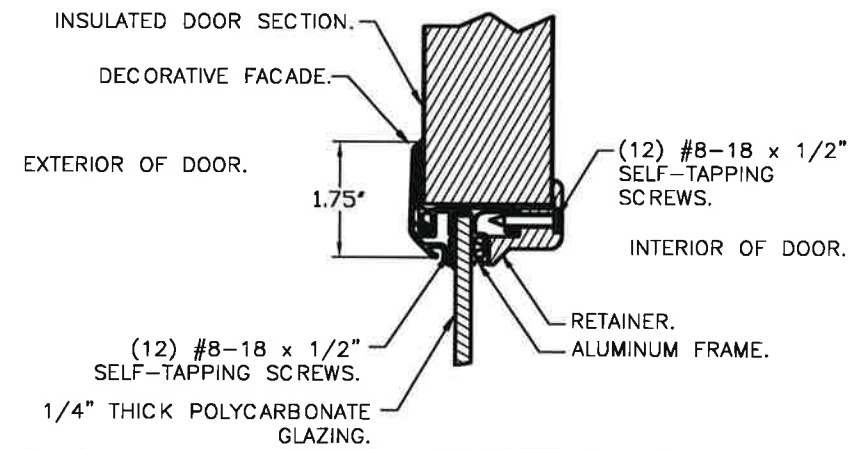
WINDLOAD RATING
W8 DP54

4			3			2						1	
MODELS	SHORT	LONG	MODELS	FLUSH	GROOVED	SHEET: 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		06	-	-	-	-	SEE REVISION HISTORY ON SHEET ONE.	
IDEAL EXPRESSIONS	ED2SU	ED2LU	IDEAL CLASSIC	8202, MFC68U	8205, MFR68U								

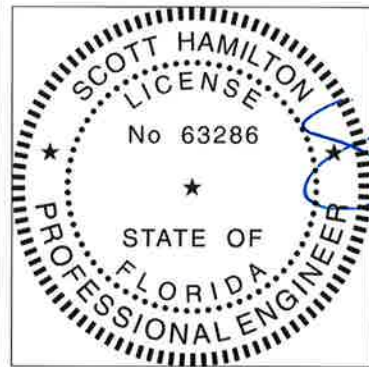
MODELS	NARROW	WIDE
CLOPAY BRIDGEPORT	BD2NU, BR2NU	BD2EU, BR2EU
HOLMES WESTPORT	PR2NU	PR2EU

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 104435-A**



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Fax No. 513-770-4853

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

DRAWN BY: BFA DATE: 7/8/08 SCALE: NTS DWG. B

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

DWG. NO.: 104435 VER: IBC

MANUFACTURING PRODUCT CODE
DSIU-1F471

PART NO.: N/A

WINDLOAD RATING
W8 DP54

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, HDPR20
HOLMES CLASSIC	7202	7205
IDEAL CLASSIC	8202, MFC68U	8205, MFR68U

SHEET:
3 OF 4

REVISIONS						DESCRIPTION
REV. NO.	ZONE	DATE	ECN NO.	APPVD		
06	-	-	-	-	-	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.

2" THICK
SILICONE FILLED CHANNEL SEPARATES FRONT AND BACK SKIN OF DDOR

URETHANE CORE DENSITY 2.4 P.C.F.

3" TALL 50 KSI U-BAR
20 GA. GALV. STEEL.

12 GA. GALV. STEEL TOP ROLLER BRACKET. EACH BRACKET ATTACHED W/(4) #14x5/8" SHEET METAL SCREWS.

14 GA. GALV. STEEL ROLLER HINGE. EACH FASTENED TO END STILES W/(4) #14x5/8" SHEET METAL SCREWS AND (4) 1/4"x3/4" SELF TAPPING SCREWS

3" TALL x 20 GA. GALV. STEEL U-BAR. TWO PER DOOR SECTION. ATTACHED WITH (2) 1/4"x3/4" SELF TAPPING SCREWS PER HINGE LOCATION.

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

13 GA. GALV. STEEL BOTTOM BRACKET. ATTACHED WITH (4) #14x5/8" SHEET METAL SCREWS.

ALUMINUM EXTRUSION & VINYL WEATHERSTRIP.

SECTION A-A (SIDE VIEW)

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	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.



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DATE: 7/8/08

SCALE: NTS

DWG. B

CHECKED BY: --

DATE: --

SHEET 3 OF 4

DWG. NO.: 104435

VER: IBC

MANUFACTURING PRODUCT CODE
DSIU-1F471

PART NO.: N/A

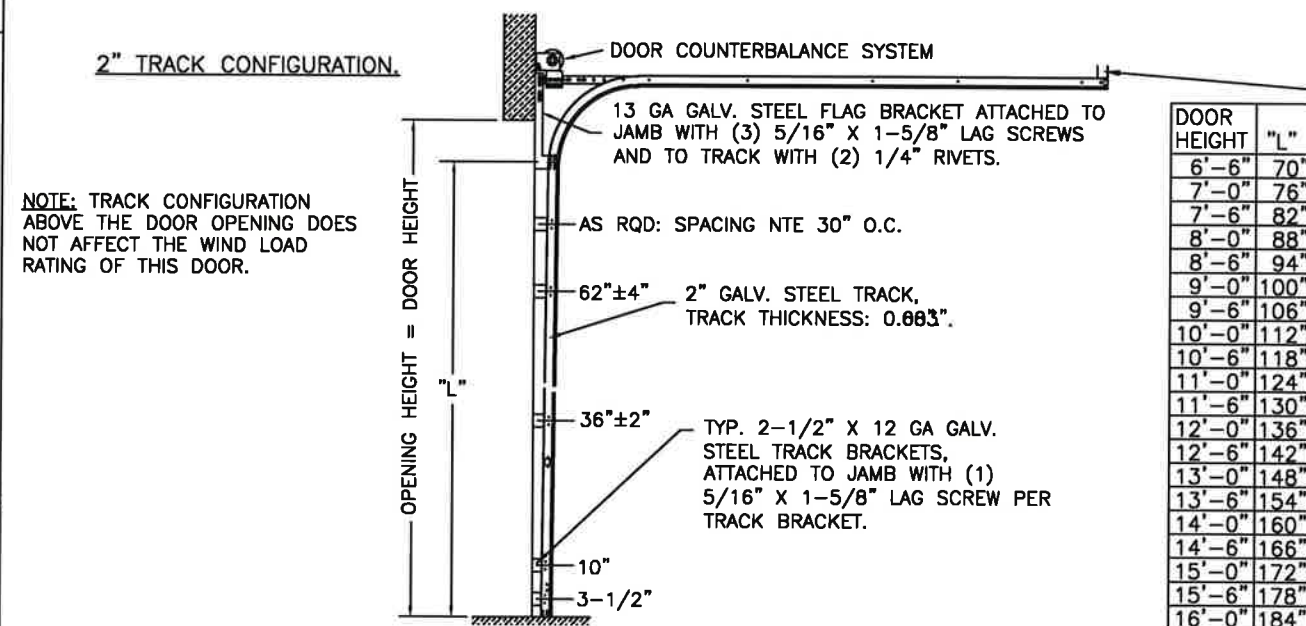
WINDLOAD RATING
W8 DP54

MODELS	FLUSH	GROOVED
CLOPAY CLASSIC	9202, HDPC20	9205, HDPR20
HOLMES CLASSIC	7202	7205
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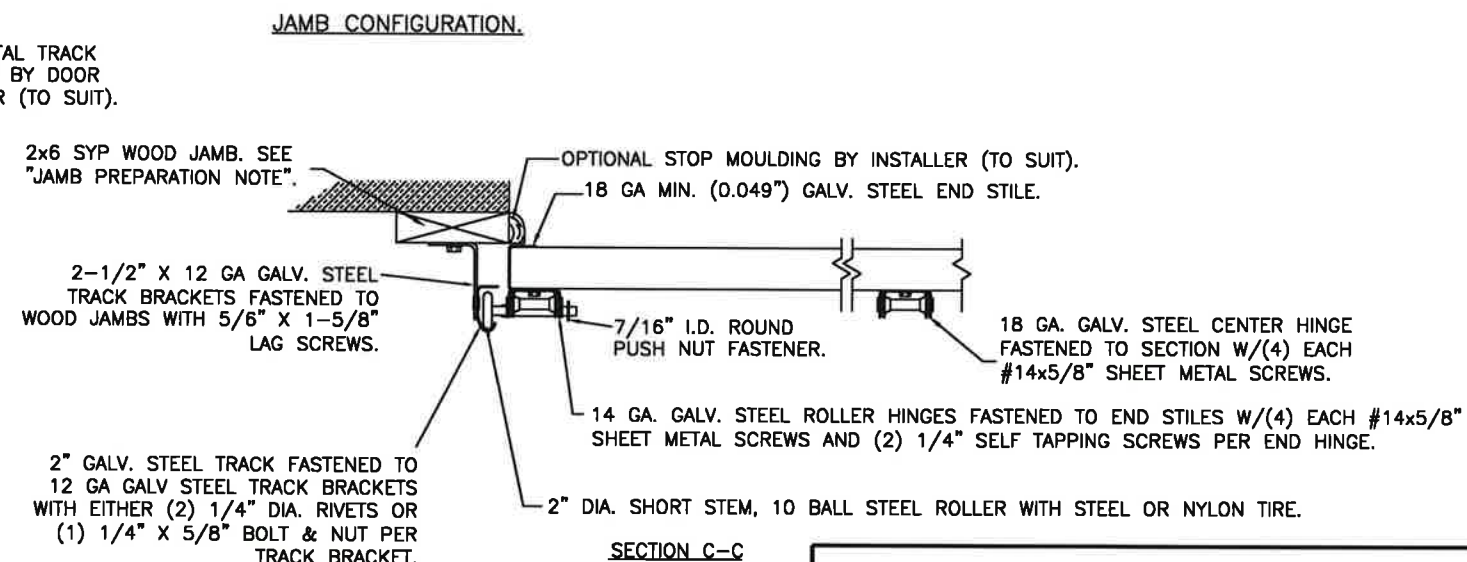
SHEET:
4 OF 4

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

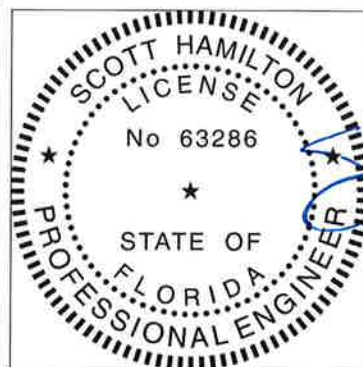
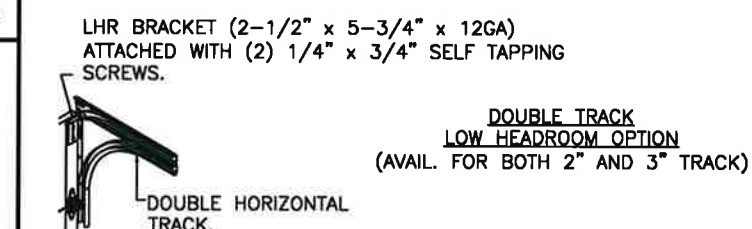


DOOR HEIGHT	"L"
6'-6"	70"
7'-0"	76"
7'-6"	82"
8'-0"	88"
8'-6"	94"
9'-0"	100"
9'-6"	106"
10'-0"	112"
10'-6"	118"
11'-0"	124"
11'-6"	130"
12'-0"	136"
12'-6"	142"
13'-0"	148"
13'-6"	154"
14'-0"	160"
14'-6"	166"
15'-0"	172"
15'-6"	178"
16'-0"	184"

HORIZONTAL TRACK
SUPPORT BY DOOR
INSTALLER (TO SUIT).



PREPARATION OF JAMBS BY OTHERS



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DRAWN BY: BFA

DATE: 7/8/08

SCALE: NTS

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DATE:

SHEET 1 OF 1

Checked By:	---
DWG. NO.:	104435

SHEET	4
VFR:	IBC

MANUFACTURING PRODUCT CODE
DSIU-1F471

PART NO.: N/A

	WINDLOAD RATING
--	-----------------

W8 DP54

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

DATE: 7/8/08

SCALE: NTS

CHECKED BY:

DATE:

SHEET 1 OF 1

Checked By:	---
DWG. NO.:	104435

SHEET	4
VFR:	IBC