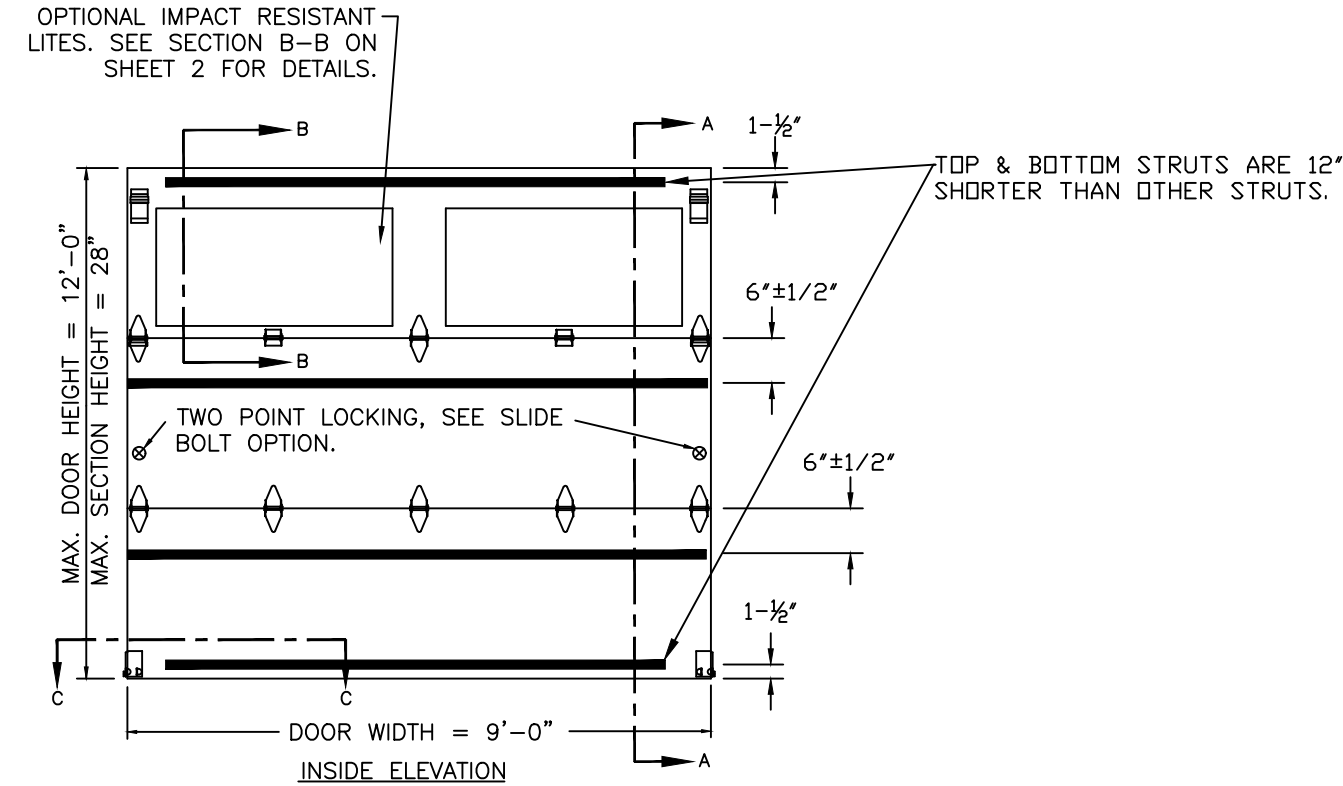


CUSTOM RESERVE COLLECTION
CUSTOM MODELS CR800, MR800, CH900, CRDnnn.
NOTE THAT "nnn" REPRESENTS THE ARRANGEMENT
OF THE DECORATIVE CLADDING AND OVERLAYS.

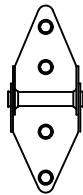
SHEET:
1 OF 4

REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
02	-	8/28/15	-	SH	REVISED FOR RELEASE.
03	-	8/5/20	-	SH	UPDATED TITLE BLOCK AND REMOVED WIND CHART



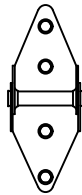
STRUT NOTE: MOUNT (2) 1/4" x 1" LAG SCREWS AT EACH END AND CENTER HINGE LOCATIONS WHEN MOUNTING STRUTS. DRILL (2) 9/32" CLEARANCE HOLES IN STRUT FOR MOUNTING IF HOLES DO NOT EXIST IN STRUT. DRILL 3/16" PILOT HOLES IN WOOD FOR MOUNTING 1/4" LAG SCREWS.

NOTE: WHEN INSTALLING LAG SCREWS, DRILL 3/16" PILOT HOLES IN ALL LOCATIONS THAT DO NOT CONTAIN PRE-DRILLED HOLES.



14 GA. END HINGE

(4) 1/4"x 1" LAG SCREWS PER END HINGE.



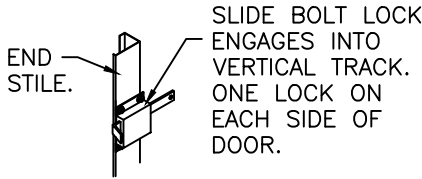
14 GA. CENTER HINGE

(4) 1/4"x 1" LAG SCREWS



14 GA. WINDOW HALF HINGE

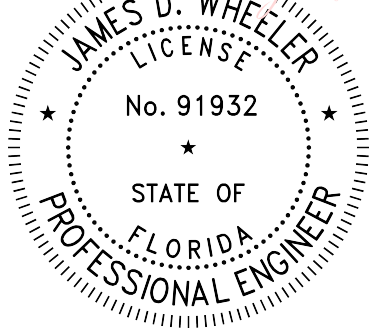
(4) 1/4"x 1" LAG SCREWS



INSIDE SLIDE BOLT LOCK OPTION.

Jim Wheeler

Digitally signed by Jim Wheeler
Date: 2026.10.02 09:19:38 -04'00'



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

DESIGN LOADS: +47.0 P.S.F. & -55.0 P.S.F.
TEST LOADS: +70.5 P.S.F. & -82.5 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: CUSTOM RESERVE WOOD DOOR UP TO 9'0" WIDE

DRAWN BY: SH

DATE: 8/28/15

SCALE: NTS

DWG. SIZE B

CHECKED BY: SH

DATE: 8/28/15

SHEET 1 OF 4

DWG. NO.: 104939

VER: IBC

MANUFACTURING PRODUCT CODE
W-1G899

PART NO.: N/A

WINDLOAD RATING
W8 DP47

FLORIDA PRODUCT APPROVAL 48463.07

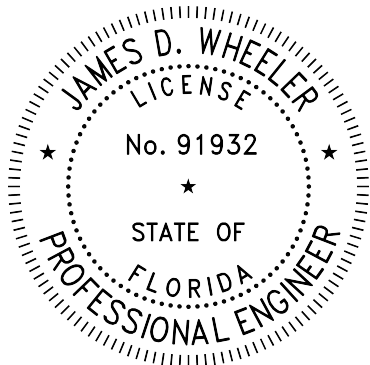
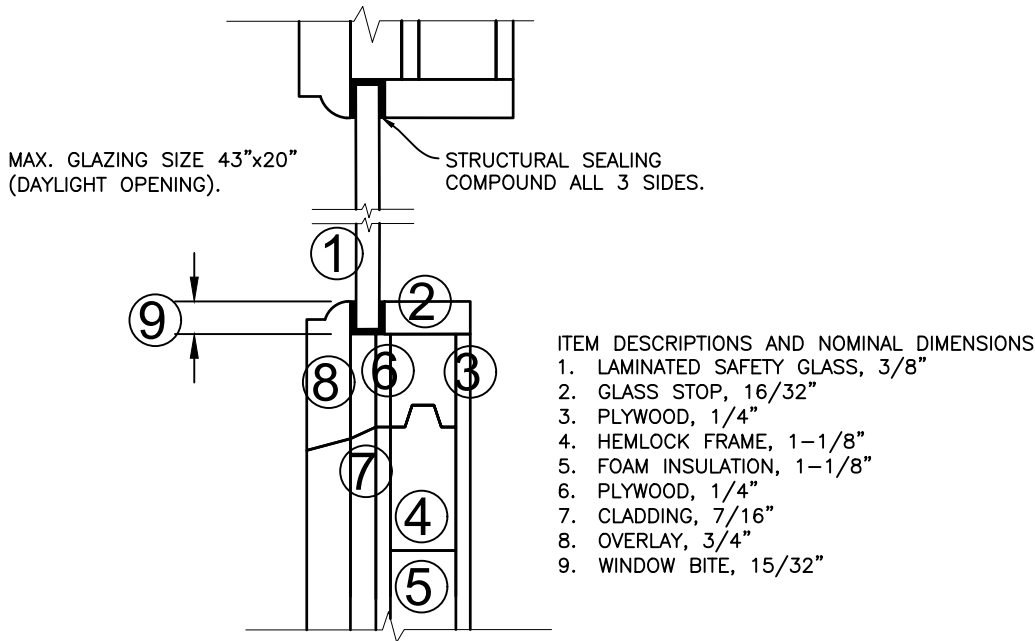
CUSTOM RESERVE COLLECTION
CUSTOM MODELS CR800, MR800, CH900, CRDnnn.
NOTE THAT "nnn" REPRESENTS THE ARRANGEMENT
OF THE DECORATIVE CLADDING AND OVERLAYS.

SHEET:
2 OF 4

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

IMPACT-RESISTANT CONSTRUCTION:
SOLID DOORS (NO GLAZING) OR DOORS WITH OPTIONAL IMPACT-RESISTANT GLAZING ARE
IMPACT-RESISTANT. 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)



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

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

DESCRIPTION: CUSTOM RESERVE WOOD DOOR UP TO 9'0" WIDE
DRAWN BY: SH DATE: 8/28/15 SCALE: NTS DWG. B
CHECKED BY: SH DATE: 8/28/15 SHEET 2 OF 4 SIZE B
DWG. NO.: 104939 VER: IBC

MANUFACTURING PRODUCT CODE
W-1G899

PART NO.: N/A

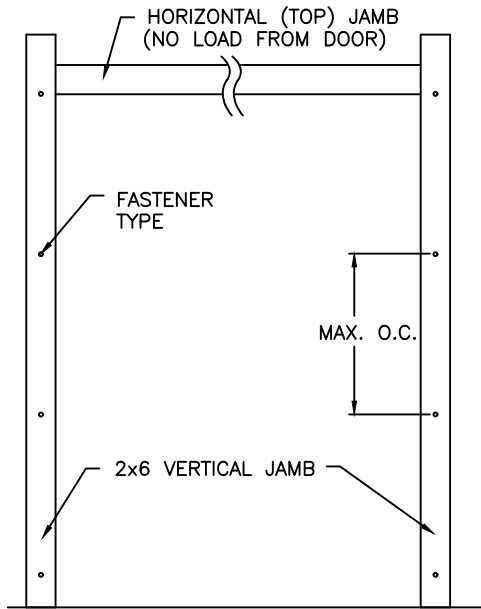
WINDLOAD RATING
W8 DP47

CUSTOM RESERVE COLLECTION
CUSTOM MODELS CR800, MR800, CH900, CRDnnn.
NOTE THAT "nnn" REPRESENTS THE ARRANGEMENT
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SHEET:
3 OF 4

REVISIONS

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

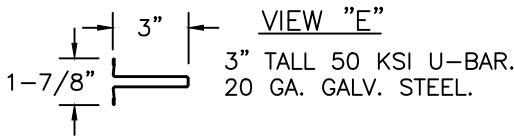
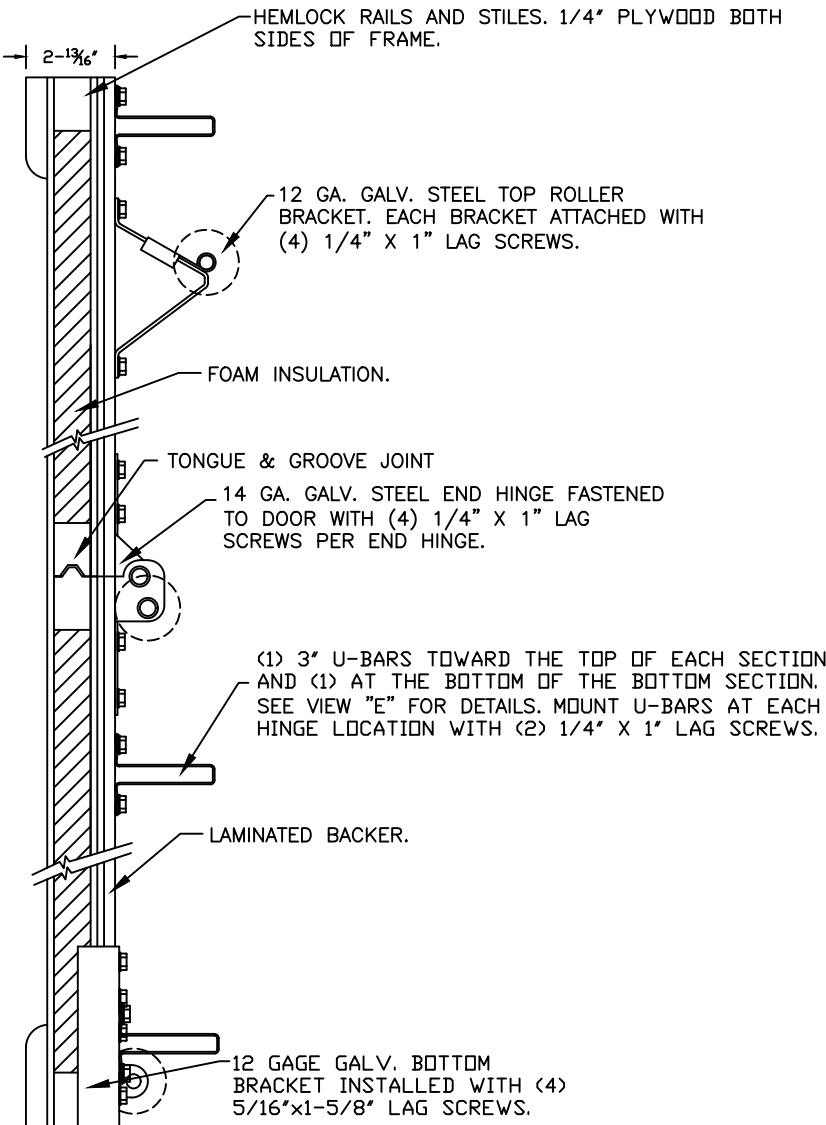


JAMB TO SUPPORTING STRUCTURE ATTACHMENT

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 +211.5 LB & -247.5 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.

NOTE: 2x6 WOOD JAMBS ARE NOT REQUIRED WITH CONTINUOUS ANGLE MOUNT TRACK. HOWEVER, IF DESIRED ON STEEL JAMBS OR CONCRETE OR BLOCK WALLS, APPROVED FASTENERS AS DETAILED BELOW SHOULD BE INCREASED IN LENGTH BY 1-1/2" AND INSTALLED DIRECTLY THROUGH THE ANGLE AND 2x6 WOOD JAMBS INTO THE STEEL JAMBS OR CONCRETE OR BLOCK WALLS. ANCHORS CAN BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE. CONTINUOUS ANGLE TRACK CAN BE ANCHORED DIRECTLY TO GROUT REINFORCED BLOCK WALL OR 3,000 PSI MIN. CONCRETE COLUMN OR STEEL JAMBS.



FASTENER ATTACHMENT TO SUPPORTING STRUCTURE SCHEDULES

BUILDING TYPE	FASTENER TYPE	MAXIMUM ON-CENTER DISTANCE BETWEEN FASTENERS*	STEEL WASHERS REQUIRED?
HOLLOW BLOCK WALL	1/4" x 1-1/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	7-3/4"	1" O.D.
GROUT FILLED BLOCK WALL	1/4" x 1-3/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	13"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1" MIN. EMBED ULTRACON CONCRETE ANCHOR	11-1/4"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1" MIN. EMBED TAPCON CONCRETE ANCHOR	10-1/2"	1" O.D.
2000 PSI MIN. CONCRETE	3/8" x 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR	23-3/4"	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	24"	1" O.D.
14GA STEEL (0.060" MIN.)	1/4"-14 x 1" ITW BUILDEX TEKS SELF-DRILLING FASTENER	10-3/4"	1" O.D.
12GA STEEL (0.105" MIN.)	1/4"-14 x 1" ITW BUILDEX TEKS SELF-DRILLING FASTENER	18-3/4"	1" O.D.
1/8" STEEL	1/4"-14 x 1" ITW BUILDEX TEKS SELF-DRILLING FASTENER	22-1/2"	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.

SECTION A-A (SIDE VIEW)

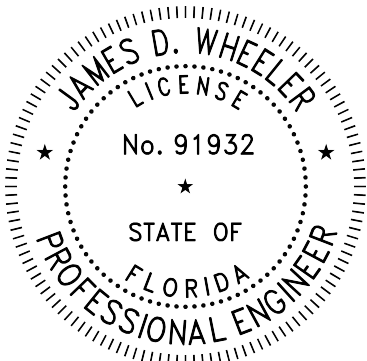
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Tel. No. 513-770-4800
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DRAWN BY: SH	DATE: 8/28/15	SCALE: NTS	DWG. SIZE B
CHECKED BY: SH	DATE: 8/28/15	SHEET 3 OF 4	VER: IBC
DWG. NO.: 104939		VER: IBC	



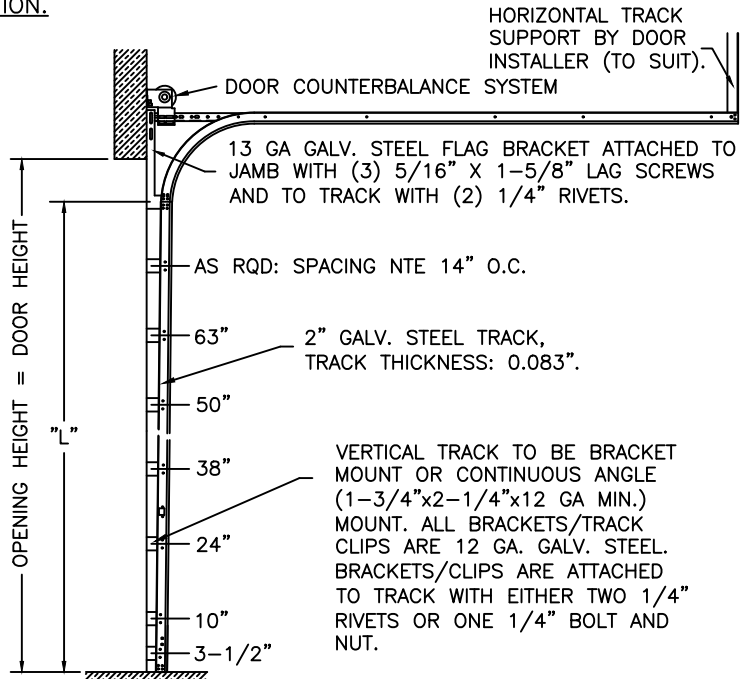
DESIGN ENGINEER:
JAMES D. WHEELER, P.E.
FLORIDA LICENSE No. 91932

CUSTOM RESERVE COLLECTION
CUSTOM MODELS CR800, MR800, CH900, CRDnnn.
NOTE THAT "nnn" REPRESENTS THE ARRANGEMENT
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SHEET:		REVISIONS				
4 OF 4		REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:
		03	-	-	-	-
		DESCRIPTION				
		SEE REVISION HISTORY ON SHEET ONE.				

2" TRACK CONFIGURATION.

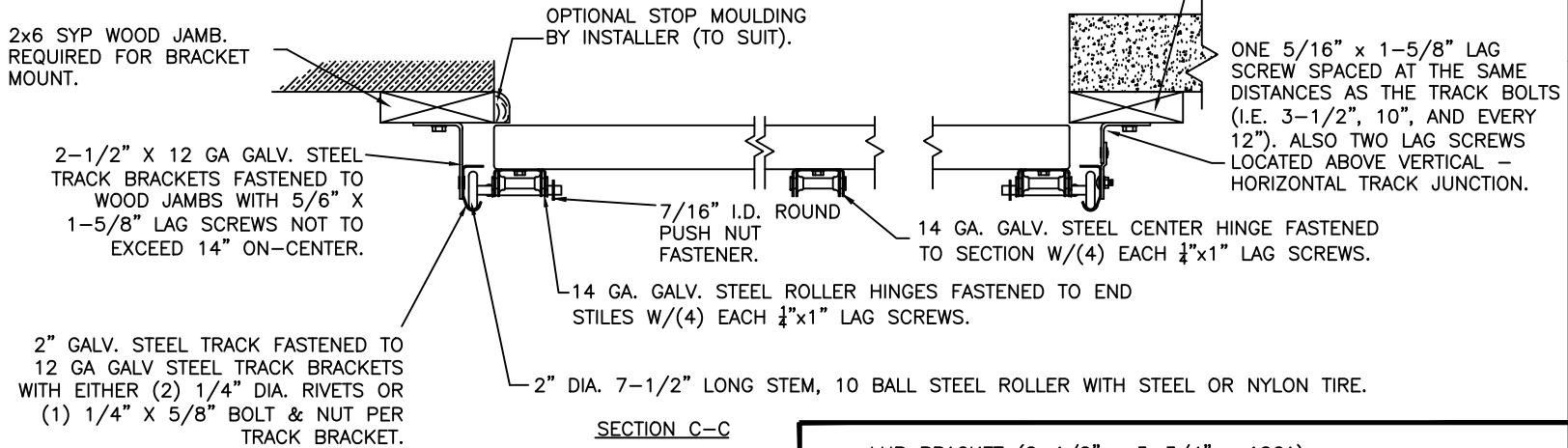
NOTE DOUBLE TRACK
HEADROOM, HI-LIFT TRACK,
FOLLOW-THE- ROOF
TRACK, AND VERTICAL LIFT
TRACK ARE AVAILABLE
OPTIONS.
TRACK CONFIGURATION
ABOVE THE DOOR OPENING
DOES NOT AFFECT THE
WIND LOAD RATING.



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"

JAMB CONFIGURATION
FOR 2" TRACK.

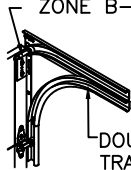
BRACKET MOUNT JAMB CONFIGURATION



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.

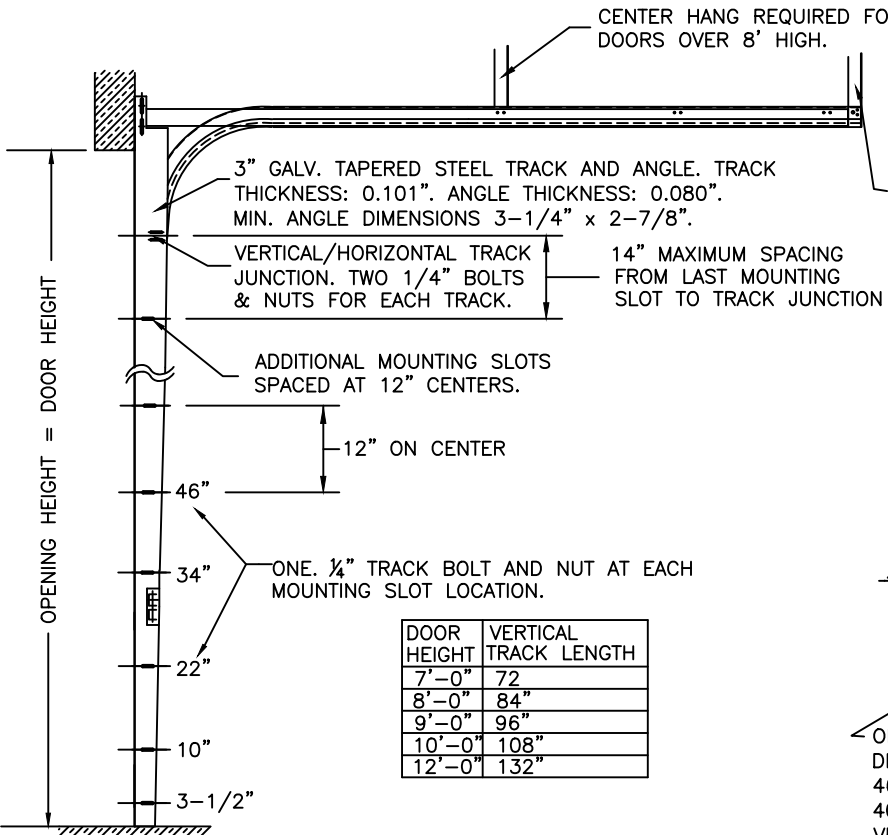


DOUBLE TRACK
LOW HEADROOM OPTION
(AVAIL. FOR BOTH 2" AND 3" TRACK)

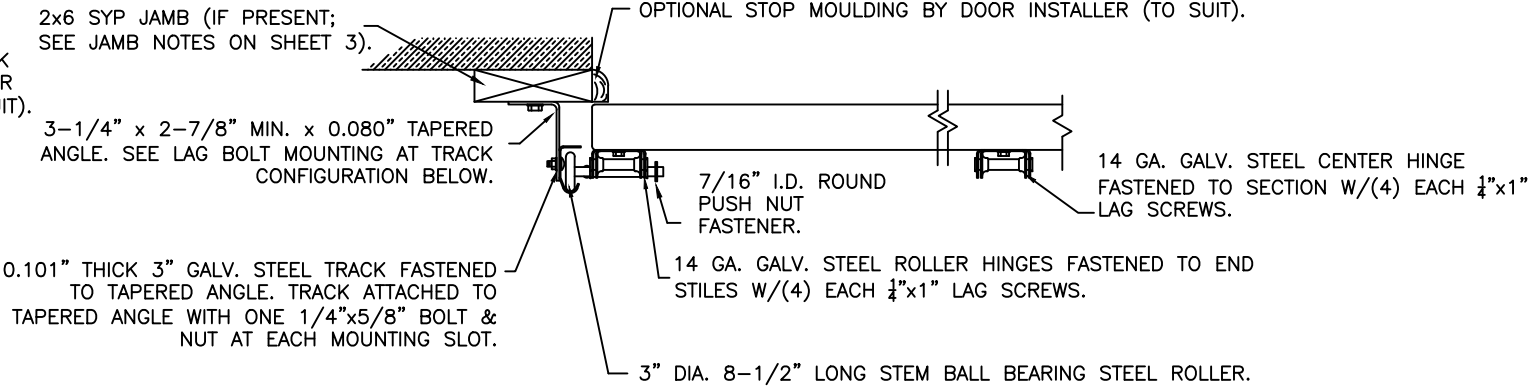
DOUBLE HORIZONTAL
TRACK.

3" TRACK CONFIGURATION.

NOTE DOUBLE TRACK
HEADROOM, HI-LIFT TRACK,
FOLLOW-THE- ROOF
TRACK, AND VERTICAL LIFT
TRACK ARE AVAILABLE
OPTIONS.
TRACK CONFIGURATION
ABOVE THE DOOR OPENING
DOES NOT AFFECT THE
WIND LOAD RATING.



JAMB CONFIGURATION
FOR 3" TRACK.



SECTION C-C

PREPARATION OF JAMBS BY OTHERS.

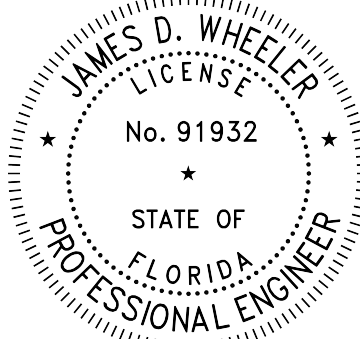
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DWG. NO.: 104939		WINDLOAD RATING W8 DP47	



DESIGN ENGINEER:
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