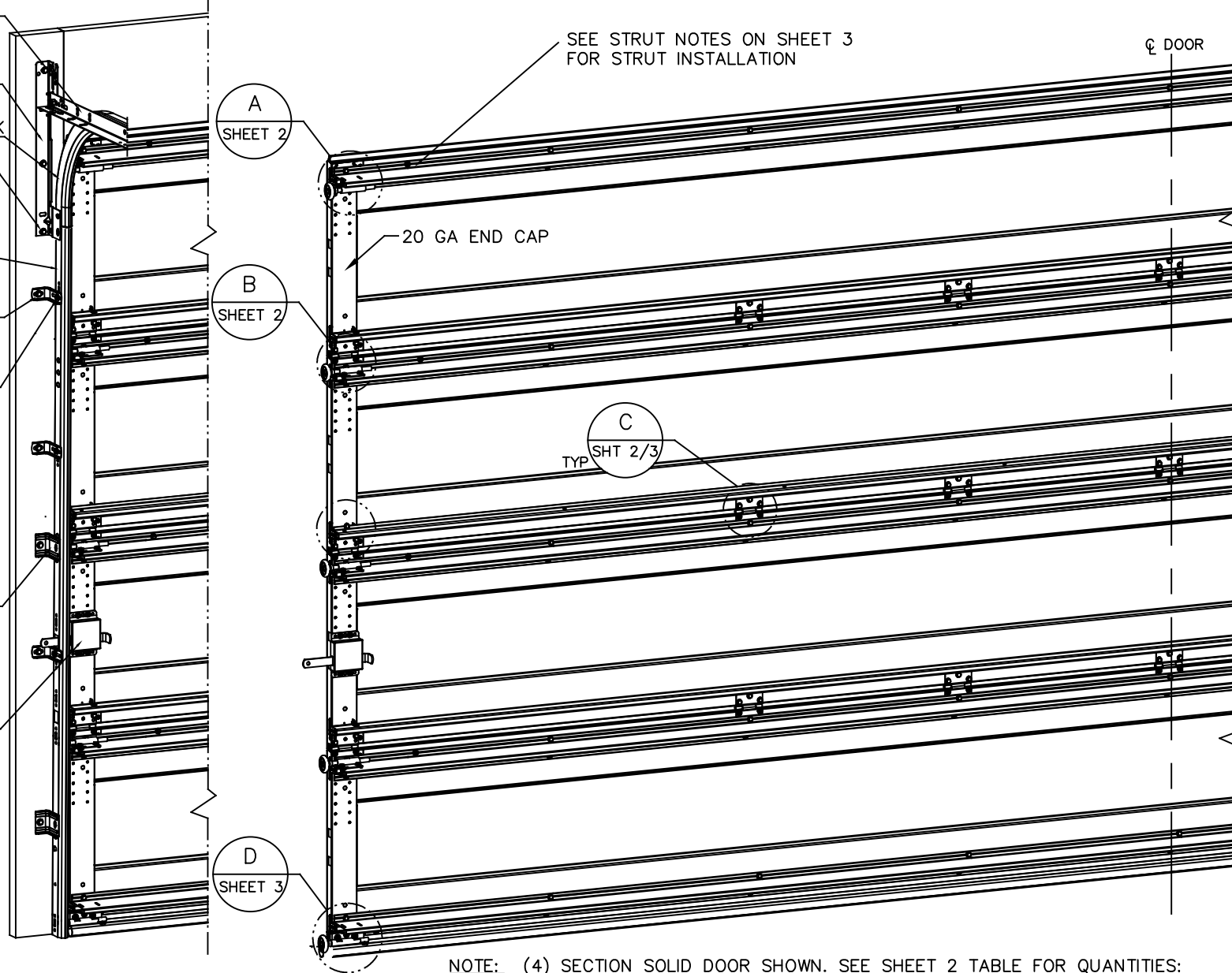


NOTES:

- GLAZED LITE OPTIONS IN MOLDED FRAMES (DETAIL E): 13 GA HORIZ ANGLE
 - .090 SSB, .125 DSB ANNEALED & TEMPERED GLASS ALLOWED
 - SHORT LITES:
 - CLEAR OPENING SIZE:
 - MAX WD=15.72; MAX HT=12.72
 - (10) MIN QTY SCREWS #8X1 - (3) ALONG THE HORIZONTAL LEG AND (2) ALONG THE VERTICAL
 - LONG LITES:
 - CLEAR OPENING SIZE:
 - MAX WD=39.92; MAX HT=12.72
 - (14) MIN QTY SCREWS #8X1 - (5) ALONG THE HORIZONTAL LEG AND (2) ALONG THE VERTICAL
 - DECORATIVE TRIM INSERTS ALLOWED.
 - (1) GLAZED SECTION ALLOWED IN 3RD SECTION OR HIGHER
 - NOT IMPACT RESISTANT.
- VINYL OR WOOD DOOR STOP NAILED A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.
- KEY LOCK, SLIDE LOCK, OR OPERATOR REQUIRED.
- SECTION SHALL BE CONSTRUCTED WITH FOAMED IN PLACE POLYURETHANE FOAM INSULATION CHEMICALLY BONDED TO 30 GA MINIMUM FACER STEEL AND A POLYLAMINATE OR 32 GA STEEL BACKER. SECTION THICKNESS AT END CAP IS 1.2".
- 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.
- DOOR JAMB TO BE MINIMUM 2x6 SOUTHERN PINE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.
- LOUVER OPTION (DETAIL F) - .040" MINIMUM LOUVERS IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (12) #8x5/8" SCREWS INSTALLED IN THE BOTTOM SECTION ((3) ALONG EACH HORIZONTAL LEG AND (3) ALONG EACH VERTICAL LEG) WITH LOUVER OPENING BEING 18 1/8" X 11 1/4". LOUVERS ARE NOT IMPACT RESISTANT AND DO NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS. LOUVERED SECTION REQUIRES OPERATOR STILE TO BE FACTORY INSTALLED AT THE CENTERLINE OF THE DOOR.
- SEE SHEET 3 FOR FASTENER NOTES.
- THE TERMS STRUT AND U-BAR MAY BE USED INTERCHANGEABLY.
- SEE SHEET 3 FOR STRUT ATTACHMENT INSTRUCTIONS.
- COMPLIES WITH THE REQUIREMENTS OF IBC/IRC 2018.

- 13 GA FLAG ANGLE
- 16 GA MIN VERT TRACK
- 5/16x1-5/8" LAG SCREWS (MIN 3 AS SHOWN)
- 5/16x1-5/8" LAG SCREW AT EACH JAMB BRACKET
- 1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT AT EACH JAMB BRACKET LOCATION
- 15 GA STIFFENED JAMB BRACKETS SEE SCHEDULE FOR QTY, LOCATION & TYPE
- (2) KEY OR SLIDE LOCKS BOTH ENDS (NOT REQD W/ OPERATOR - SEE NOTE 4). SLIDE LOCK SHOWN FOR CLARITY



NOTE: (4) SECTION SOLID DOOR SHOWN. SEE SHEET 2 TABLE FOR QUANTITIES: STAMPS, LITES, HINGES & OPERATOR STILES. SEE SHEET 3 FOR STRUT QUANTITY & LOCATIONS. SEE NOTES 1 & 2 ON THIS SHEET FOR GLAZING OPTIONS.

JAMB BRACKET SCHEDULE

DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	TRACK TYPE	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
7'-0"	4	4	QI	13" (QI), 25-1/2" (JB), 45-1/4" (QI), 63" (JB)
7'-0"	4	4	FAT	10" (JB), 21-3/4" (JB), 42" (JB), 63-1/4" (JB)
8'-0"	4 OR 5	5	QI	13" (QI), 23" (JB), 34" (JB), 47-1/4" (QI), 67" (QI)
8'-0"	4 OR 5	5	FAT	10" (JB), 21-3/4" (JB), 29-3/4" (JB), 48" (JB), 66" (JB)
> 8'-0"/HIGH LIFT/ROOF PITCH				SEE NOTE BELOW

TRACK NOTES:

- (JB) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT.
- (QI) FOLLOWING DIMENSION DENOTES QUICK INSTALL JAMB BRACKET INSTALLED IN BUTTERFLY SLOT. NO ADDITIONAL HARDWARE NEEDED TO ATTACH TO TRACK.
- ALL DOORS WITH HIGH LIFT, ROOF PITCH, AND/OR GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SUPPLEMENT TRACK CHART FOR DETAILS.

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

MAX DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF) +15.40/-17.40
16'-0"	ALL	+123.2/-139.2
14'-0"	ALL	+107.8/-121.8
12'-0"	ALL	+92.4/-104.4
10'-0"	ALL	+77.0/-87.0

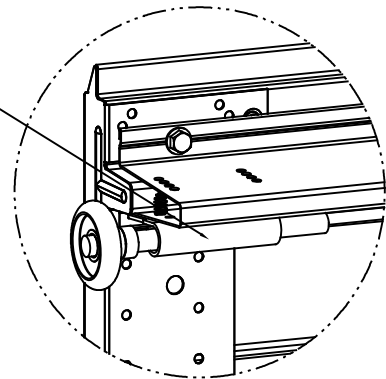
JOHN E. SCATES, PE
2560 KING ARTHUR BLVD #124
LEWISVILLE, TX 75056
FL PE 51737
TX PE 56308 / F2203
PROFESSIONAL ENGINEER SEAL PROVIDED
ONLY FOR VERIFICATION OF WINDLOAD
CONSTRUCTION DETAILS.

Wayne Dalton
GARAGE DOORS
A DIVISION OF OVERHEAD DOOR CORP
3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
(850) 474-9890

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.	SIZE: C
DESIGN (PSF):	+15.40/-17.40	MAX WIDTH:	16'-0"	DATE	NAME
TEST (PSF):	+23.10/-26.10	MAX HEIGHT:	12'-0"	DRAWN	CSM
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT:	24"	CHECKED	TC
MODELS 5120/9100/9405/9605/TS100/TS120				SHEET 1 OF 3	
WINDLOAD SPECIFICATION OPTION CODE 0648				DRAWING PART NO.	REV.
				411634	C

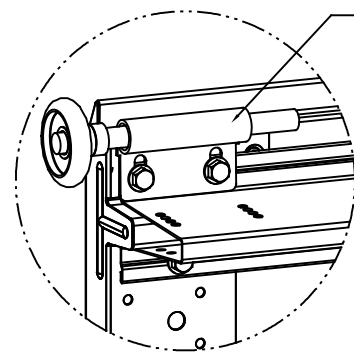
REVISIONS
P0 NEW WL CODE. PER NPD0053 CSM 1/24/20
REV A: PER PCR 32421, ADD MDLS TS100/TS120; BL 17JUL20
REV B: PER PCR 32486, ADD NOTE 12: IBC/IRC REGS; BL 23SEP20
REV C: ADDED GLAZING VIEWS TLC 5/20/21

13 GA ADJUSTABLE TOP FIXTURE ATTACHED UNDER STRUT WITH (2) CRIMPTITE SCREWS



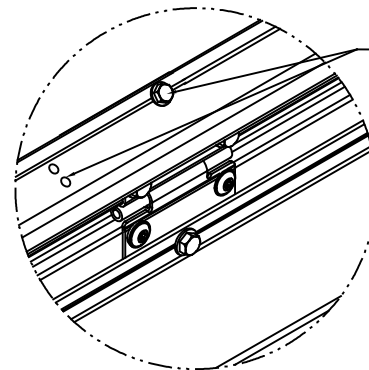
DETAIL A

13 GA ADJUSTABLE TOP FIXTURE ATTACHED THRU STRUT FLANGE INTO END CAP WITH (2) CRIMPTITE SCREWS



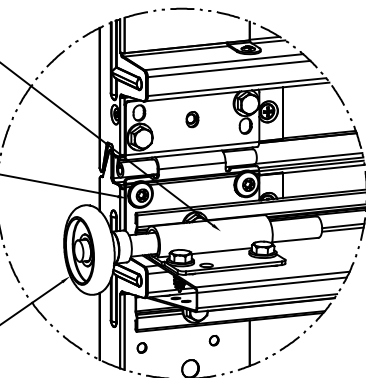
LOW HEADROOM TRACK
DETAIL A

J-STRUT OVER RIB ENDS: SECURE WITH (1) CRIMPTITE SCREW THRU J-STRUT FLANGE LEG INTO ENDCAP EACH END. LENGTH OF J-STRUT: SECURE WITH (2) #8 PIERCING SCREWS FROM J-STRUT LEG INTO RIB IN PRE-DRILLED HOLES @ 27" ± 4" O.C. (FACTORY INSTALLED)



J-STRUT ATTACHMENT

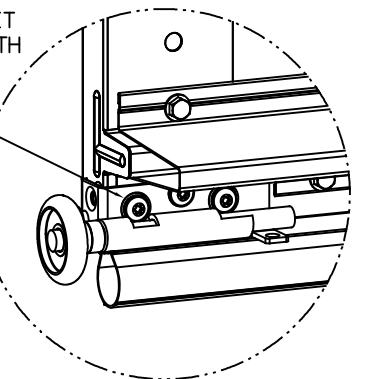
13 GA ROLLER SLIDE ATTACHED ON TOP OF STRUT WITH (2) CRIMPTITE SCREWS



DETAIL B

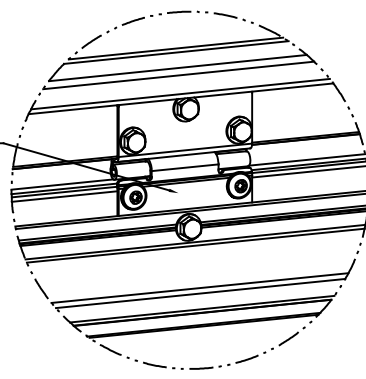
15 GA HINGE FACTORY ATTACHED WITH (2) CRIMPTITE SCREWS (4 SCREWS TOTAL)

2" NYLON ROLLER, SILENT GLIDE 4-1/2" STEM. OPTIONAL - 10/11-BALL BEARING ROLLER

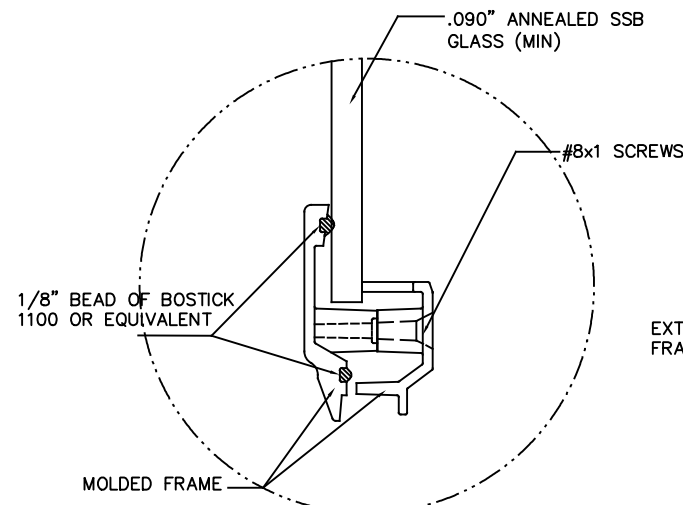


DETAIL D

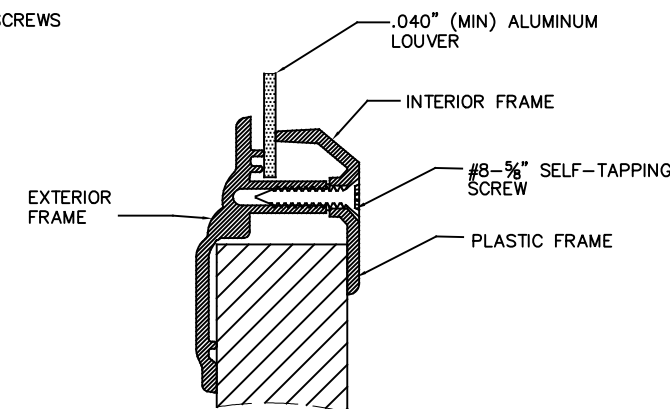
18 GA HINGE ATTACHED WITH (4) CRIMPTITE SCREWS (6 SCREWS TOTAL)



DETAIL C



NON-IMPACT PLASTIC FRAME
(STATIC RATED)
DETAIL E



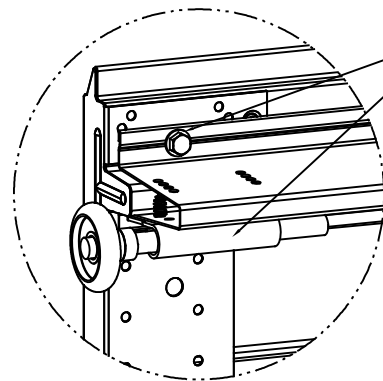
NON-IMPACT LOUVER
(STATIC RATED)
DETAIL F

SECTION QUANTITIES

Door Width	CRP / FLUSH				RANCH				SONOMA				SONOMA RANCH				
	STAMPS /SHORT LITES	CTR HNG	OP STILES: SOLID	OP STILES: GLAZED	STAMPS /LONG LITES	CTR HNG	OP STILES: SOLID	OP STILES: GLAZED	STAMPS /SHORT LITES	LONG LITES	CTR HNG	OP STILES: SOLID	OP STILES: GLAZED	STAMPS /LONG LITES	CTR HNG	OP STILES: SOLID	OP STILES: GLAZED
10'-0"	5	3	0	0	2	3	0	0	4	2	3	0	0	2	3	0	0
11'-0"	5	3	0	0	2	3	0	0	4	2	3	0	0	2	3	0	0
12'-0"	6	3	0	0	3	3	0	0	6	3	3	0	0	3	3	0	0
13'-0"	7	5	0	0	3	5	0	0	6	3	5	0	0	3	5	0	0
14'-0"	7	5	0	0	3	5	0	0	6	3	5	0	0	3	5	0	0
15'-0"	7	5	0	0	4	5	0	0	8	4	5	0	0	3	5	0	0
16'-0"	8	5	0	0	4	5	0	0	8	4	5	0	0	4	5	0	0

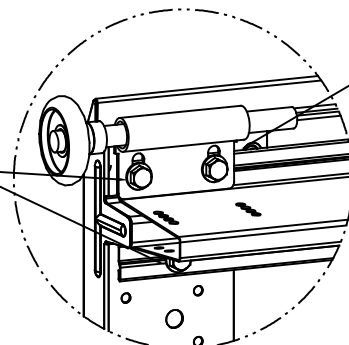
Wayne Dalton
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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.	SIZE: C
DESIGN (PSF):	+15.40/-17.40	MAX WIDTH:	16'-0"	DATE	NAME
TEST (PSF):	+23.10/-26.10	MAX HEIGHT:	12'-0"	DRAWN	1/23/20
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT:	24"	CHECKED	5/19/21
MODELS 5120/9100/9405/9605/TS100/TS120				SHEET 2 OF 3	
WINDLOAD SPECIFICATION OPTION CODE 0648				DRAWING PART NO.	REV.
				411634	C



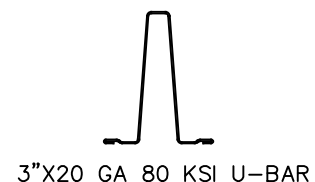
DETAIL A

3" STRUT OVER RIB, TOP FIXTURES ENDS: SECURE WITH CRIMPTITE SCREWS THROUGH U-BAR FLANGES INTO END CAPS AT EACH END:
 (2) FOR STD LIFT TRACK
 (3) FOR LHR TRACK (2 THRU TF BRKT)
8" APPX. FROM ENDS: SECURE STRUT USING
 (1) CRIMPTITE SCREW (UPPER).



LOW HEADROOM TRACK
DETAIL A

SECURE THRU ROLLER SLIDES & STRUT FLANGE INTO END CAP & TOP RAIL WITH (2) CRIMPTITE SCREWS.

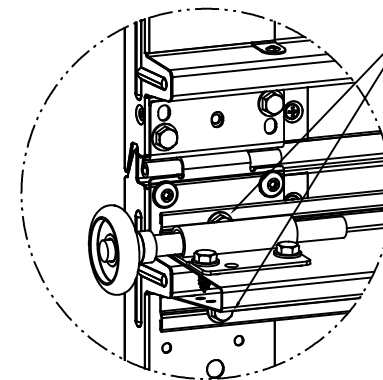


3"X20 GA 80 KSI U-BAR

(6) SECTION DOORS:
 (7) 3"X20 GA 80 KSI U-BARS
 (2) J-STRUT, 18 GA

(5) SECTION DOORS:
 (6) 3"X20 GA 80 KSI U-BARS
 (1) J-STRUT, 18 GA

(4) SECTION DOORS:
 (5) 3"X20 GA 80 KSI U-BARS
 (1) J-STRUT, 18 GA



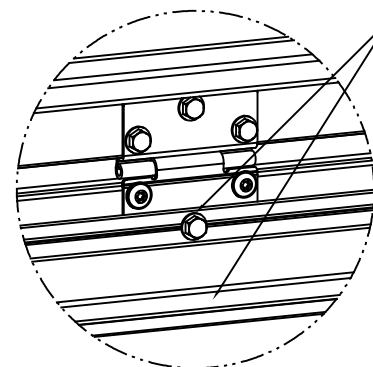
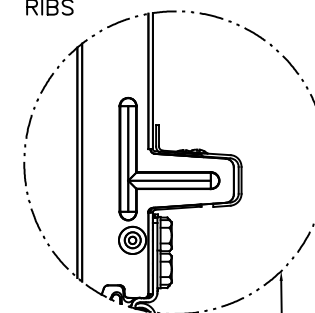
DETAIL B

3" STRUT OVER RIB, JOINTS:
 ENDS: SECURE WITH (2) CRIMPTITE SCREWS THROUGH STRUT FLANGES INTO END CAPS AT EACH END.
 [NOTE: SECURE STRUT PRIOR TO INSTALLING ROLLER SLIDES.]
8" APPX. FROM ENDS: SECURE STRUT USING (1) CRIMPTITE SCREW (UPPER).
TOP OF BOTTOM SECTION:
 OMIT CRIMPTITE SCREW BEHIND #1 ROLLER SLIDE AT EACH END.



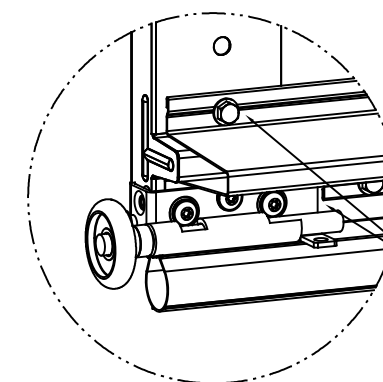
J-STRUT, 18 GA 33 KSI

STRUTS & J-STRUTS
 INSTALLED OVER INTEGRAL
 RIBS



DETAIL C

3" STRUT OVER RIB - BETWEEN ENDS:
CENTER HINGE: SECURE WITH (2) CRIMPTITE SCREWS IN STRUT FLANGES AT EACH CENTER HINGE.
BETWEEN END & FIRST CENTER HINGE, BOTH ENDS:
 SECURE WITH (2) CRIMPTITE SCREWS, UPPER & LOWER.



DETAIL D

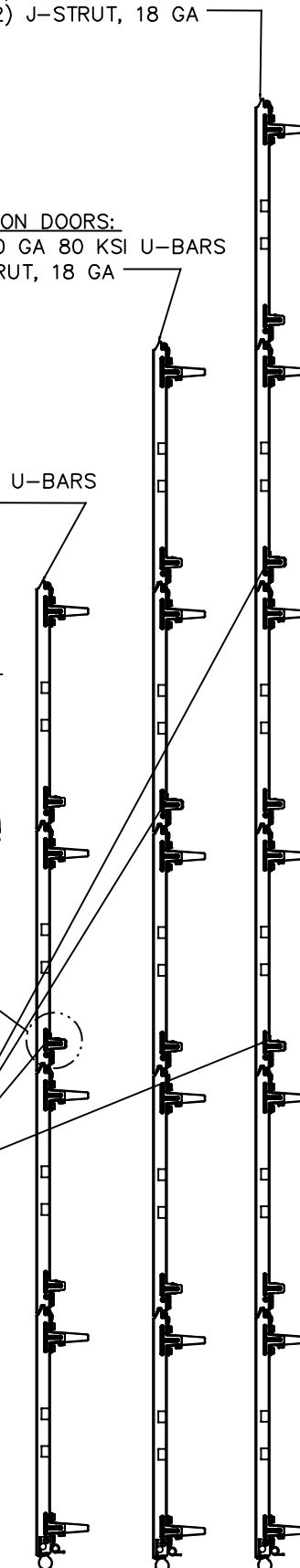
3" STRUT OVER RIB, BOTTOM BRACKETS:
 ENDS: NOTCH STRUT TO CLEAR BOTTOM BRACKET SECURE WITH (2) CRIMPTITE SCREWS IN STRUT FLANGES.

FASTENER NOTES:

- STRUT SCREW TOTALS:**

3" STRUT - TOP SECTION (SL)	= 20
3" STRUT - TOP SECTION (LHR)	= 22
3" STRUT - INT SECTIONS	= 20
3" STRUT - LOK SECTION	= 20
3" STRUT - BOT SECTION (UPPER)	= 18
3" STRUT - BOT SECTION (LOWER)	= 18
J-STRUT W/ OP STILE	= 2 + 1/STILE
- FOR DW ≤ 12', USE 4 LESS CRIMPTITE SCREWS /STRUT
- "CRIMPTITE SCREW" = SCREW, 1/4-14 X 7/8" SELF-DRILLING, CRIMPTITE
- 1/4-20 SELF-TAPPING SCREWS MAY BE USED IN PLACE OF 1/4-14 SELF-DRILLING SCREWS FOR APPLICATIONS WITH PRE-PUNCHED HOLES OR WHEN PREDRILLING PILOT HOLES.

J-STRUT



Wayne Dalton GARAGE DOORS A DIVISION OF OVERHEAD DOOR CORP 3395 ADDISON DRIVE PENSACOLA, FLORIDA 32514 (850) 474-9890	STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.	SIZE: C	
	DESIGN (PSF):	+15.40/-17.40	MAX WIDTH:	16'-0"	DATE	NAME	
	TEST (PSF):	+23.10/-26.10	MAX HEIGHT:	12'-0"	DRAWN	1/23/20	CSM
	IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT:	24"	CHECKED	5/19/21	TC
MODELS 5120/9100/9405/9605/TS100/TS120					SHEET 3 OF 3		
WINDLOAD SPECIFICATION OPTION CODE 0648					DRAWING PART NO.	REV.	
					411634	C	