

NOTES:

1. NON-IMPACT GLAZED OPTIONS IN MOLDED FRAMES:

- .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

- LONG LITES:
- CLEAR OPENING SIZE:
MAX WD=39.92; MAX HT=12.72
- (14) MIN QTY SCREWS #8X1
- DECORATIVE TRIM INSERTS ALLOWED.
- (1) GLAZED SECTION ALLOWED IN 3RD SECTION OR HIGHER.

2. IMPACT RESISTANT GLAZED LITE OPTION:

- .250 THK MAKROLON AR POLYCARBONATE OR EQUIV.
- CLEAR OPENING SIZE: MAX WD=40.63; MAX HT=13.25
- POLYCARBONATE RETAINED W/ STRUCTURAL ADHESIVE.
- OUTSIDE & INSIDE FRAMES ARE DECORATIVE ONLY.
- DECORATIVE TRIM INSERTS ALLOWED.
- (1) GLAZED SECTION ALLOWED IN 3RD SECTION OR HIGHER.

3. 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.

4. KEY LOCK, SLIDE LOCKS, OR OPERATOR REQUIRED.

5. 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".

6. 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.

7. DOOR JAMB TO BE MINIMUM 2x6 SOUTHERN PINE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

8. LOUVER OPTION – .040" MINIMUM LOUVERS IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (12) #8x1" SCREWS INSTALLED IN THE BOTTOM SECTION. 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.

9. SEE SHEET 3 FOR FASTENER NOTES.

10. THE TERMS STRUT AND U-BAR MAY BE USED INTERCHANGEABLY.

11. SEE SHEET 3 FOR STRUT ATTACHMENT INSTRUCTIONS.

13 GA HORIZ ANGLE

13 GA FLAG ANGLE

16 GA MIN HORIZ TRACK

5/16x1-5/8" LAG SCREWS (MIN 3 AS SHOWN)

16 GA MIN VERT TRACK

5/16x1-5/8" LAG SCREW AT EACH JAMB BRACKET

1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT AT EACH JB JAMB BRACKET LOCATION

15 GA STIFFENED JAMB BRACKETS SEE SCHEDULE FOR QUANTITY, LOCATION, AND TYPE

(2) KEY LOCKS OR SLIDE LOCKS, ONE EACH END (NOT REQUIRED WITH OPERATOR – SEE NOTE 4). SLIDE LOCK SHOWN FOR CLARITY

A

B

C

D

SHEET 2

SHEET 2

SHT 2/3 TYP

SHEET 3

SEE STRUT NOTES ON SHEET 3 FOR STRUT INSTALLATION

18 GA OPERATOR STILE

Ø DOOR

20 GA END CAP

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

JOHN E. SCATES

LICENSE

No. 51737

STATE OF FLORIDA

PROFESSIONAL ENGINEER

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.

Digitally signed by John E. Scates P.E.

Date: 2020.08.10 17:49:37 -05'00'

Wayne Dalton

GARAGE DOORS

A DIVISION OF OVERHEAD DOOR CORP

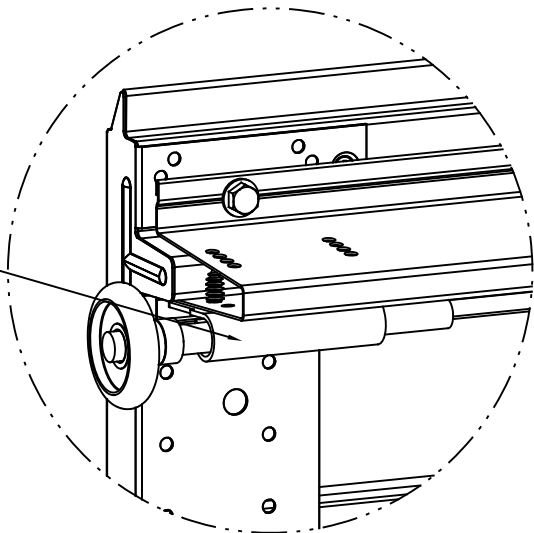
3395 ADDISON DRIVE

PENSACOLA, FLORIDA 32514

(850) 474-9890

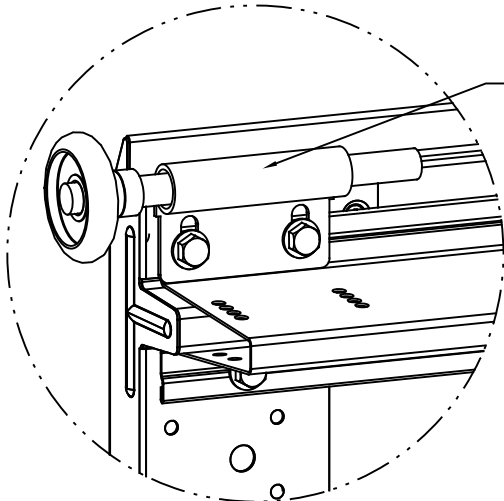
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TEST (PSF):	+19.1/-21.6	MAX HEIGHT:	12'-0"	DRAWN	3/31/20	SW	
IMPACT/CYCLIC RATED (YES/NO): NO		MAX SECTION HEIGHT: 24"		CHECKED			
MODELS 5120/9100/9405/9605/TS100/TS120				SHEET 1 OF 3			
WINDLOAD SPECIFICATION OPTION CODE 0655				DRAWING PART NO.		REV.	
				411641		-	

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



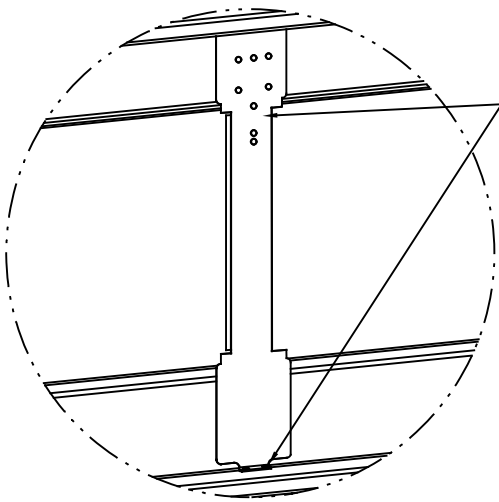
DETAIL A

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



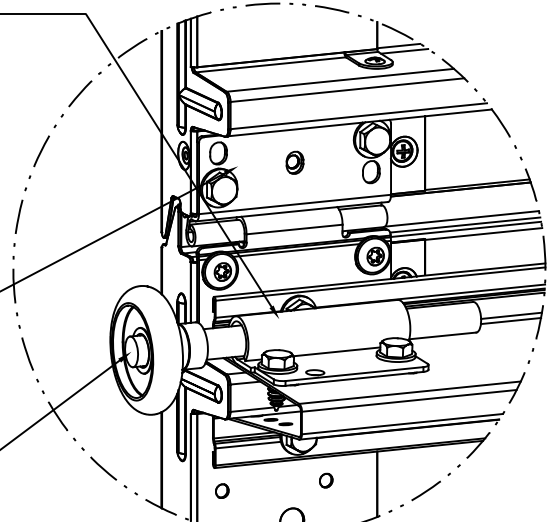
LOW HEADROOM TRACK
DETAIL A

SECURE OPERATOR STILE WITH (4) #8
PIERCING SCREWS INTO INTEGRAL RIBS.
(FACTORY INSTALLED) OR (2) CRIMPTITE
SCREWS, ONE EACH END OF STILE.



OPERATOR STILE
ATTACHMENT

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

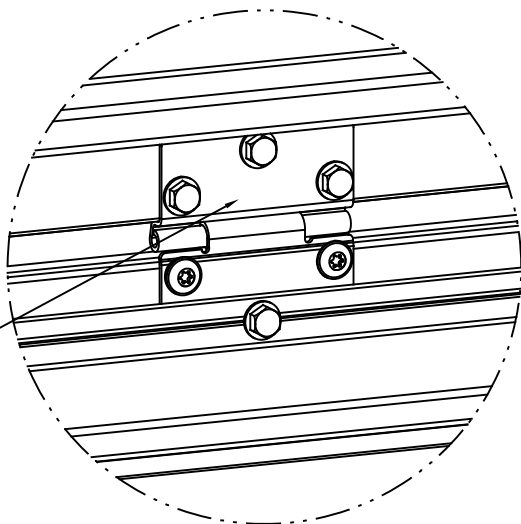


DETAIL B

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

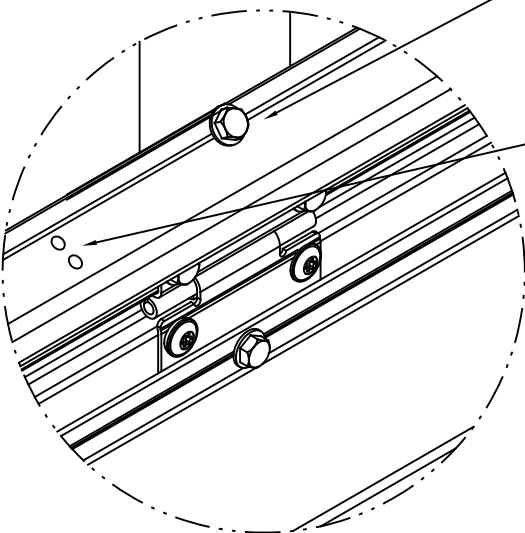
2" NYLON ROLLER,
STORMGARD 5" STEM

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



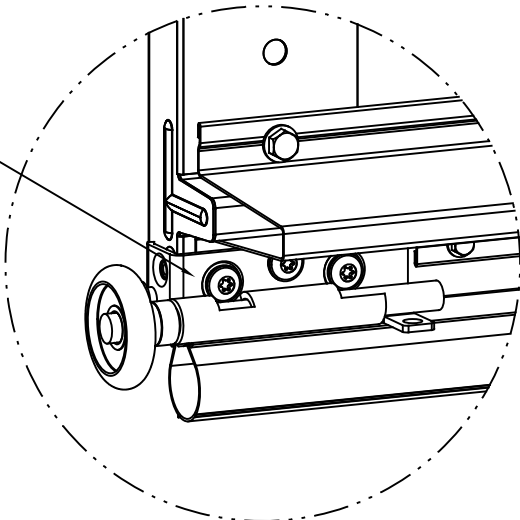
DETAIL C

J-STRUT OVER RIB
ENDS: SECURE WITH (1) CRIMPTITE SCREW THRU
J-STRUT FLANGE LEG INTO ENDCAP EACH END.
OPERATOR STILE:
SECURE WITH (1) CRIMPTITE SCREW THROUGH
J-STRUT FLANGE INTO OPERATOR STILE.
LENGTH OF 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

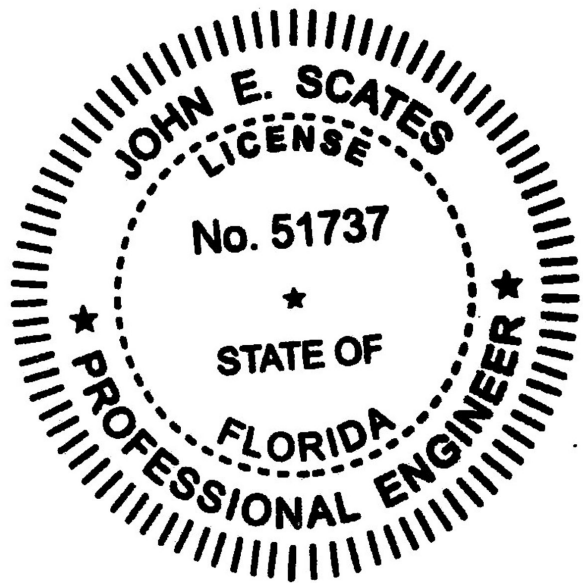
12 GA BOTTOM
BRACKET FACTORY
ATTACHED WITH (3)
CRIMPTITE SCREWS
TOTAL



DETAIL D

SECTION QUANTITIES

	SECTION QUANTITIES																
	CRP/FLUSH				RANCH				SONOMA				SONOMA RANCH				
DOOR WIDTH	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
17'0"	8	5	1	1	4	5	1	1	8	4	5	1	1	4	5	1	1
18'0"	8	5	1	1	4	5	1	1	8	4	5	1	1	4	5	1	1

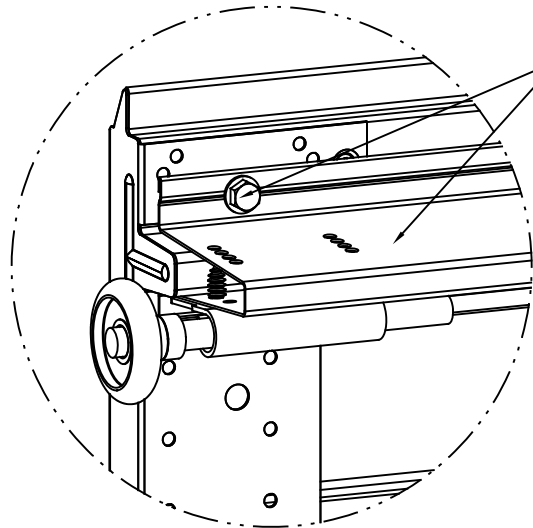


WayneDalton

GARAGE DOORS™

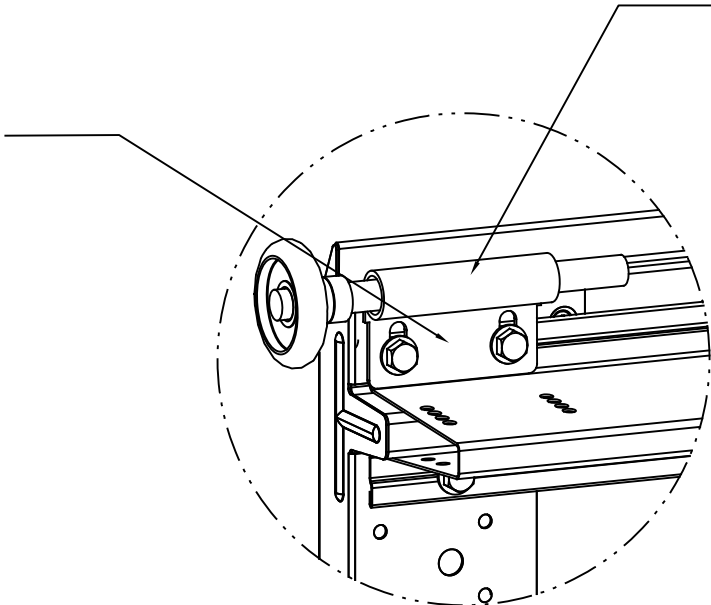
A DIVISION OF OVERHEAD DOOR CORP
3395 ADDISON DRIVE
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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: C	
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IMPACT/CYCLIC RATED (YES/NO): NO		MAX SECTION HEIGHT: 24"		CHECKED			
MODELS 5120/9100/9405/9605/TS100/TS120				SHEET 2 OF 3			
WINDLOAD SPECIFICATION OPTION CODE 0655				DRAWING PART NO.		REV.	
				411641		-	



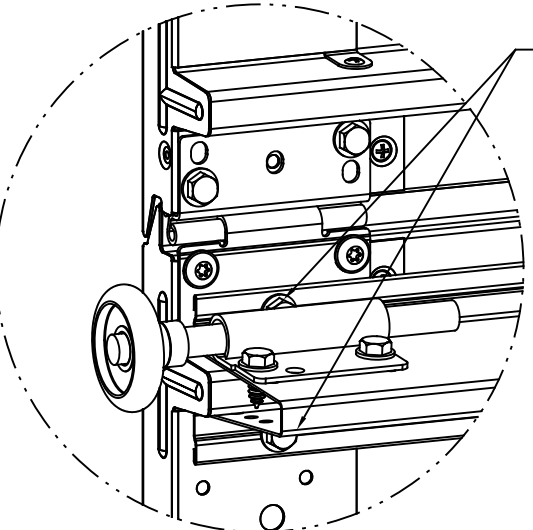
DETAIL A

3" STRUT OVER RIB, TOP FIXTURES
ENDS: SECURE WITH CRIMPTITE SCREWS THROUGH STRUT 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).



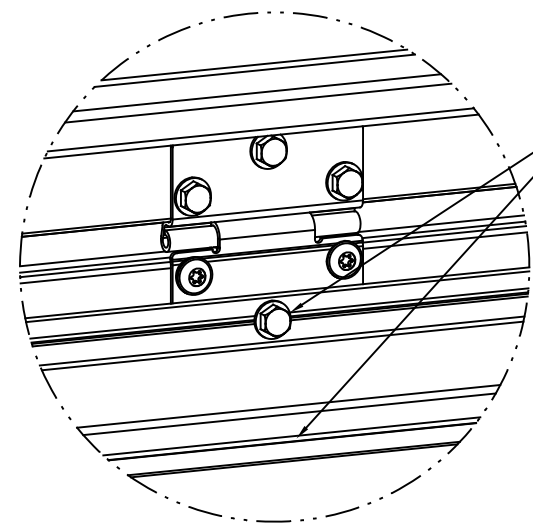
LOW HEADROOM TRACK
DETAIL A

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



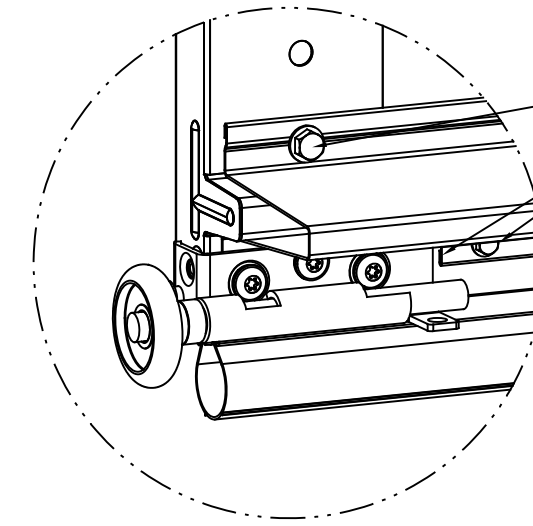
DETAIL B

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.



DETAIL C

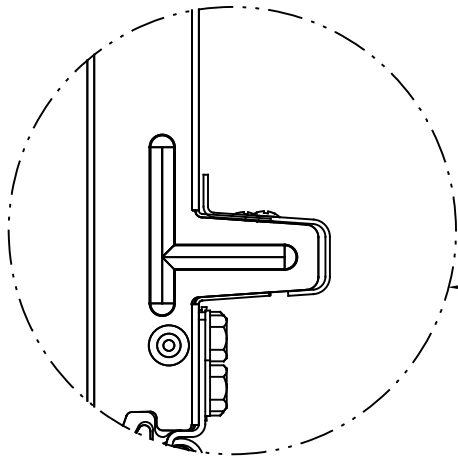
3" STRUT OVER RIB - BETWEEN ENDS:
CENTER HINGE: SECURE WITH (2) CRIMPTITE SCREWS IN STRUT FLANGES AT EACH CENTER HINGE.
BETWEEN END & FIRST CENTER HINGE, BOTH ENDS: SECURE WITH (2) CRIMPTITE SCREWS, UPPER & LOWER LEGS.



DETAIL D

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

STRUTS & J-STRUTS INSTALLED OVER INTEGRAL RIBS

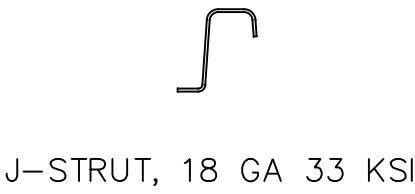
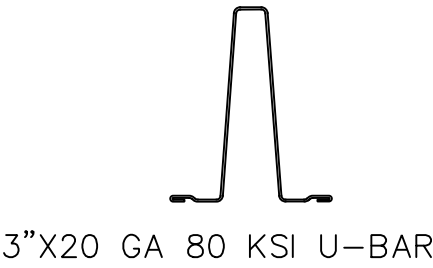


J-STRUT

(6) SECTION DOORS:
(7) 3"x20 GA 80 KSI U-BARS
(2) J-STRUT, 18 GA

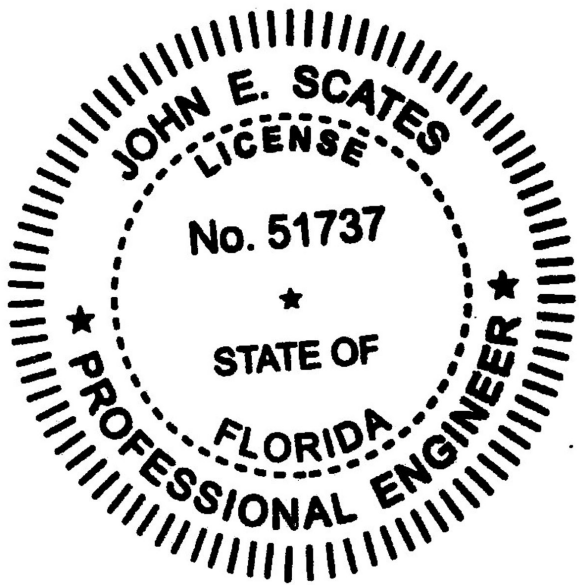
(5) SECTION DOORS:
(6) 3"x20 GA 80 KSI U-BARS
(2) J-STRUT, 18 GA

(4) SECTION DOORS:
(5) 3"x20 GA 80 KSI U-BARS
(1) J-STRUT, 18 GA



FASTENER NOTES:

- | 1. STRUT SCREW TOTALS | 3" U-BAR |
|-----------------------|---------------|
| TOP SECTION (SL) | = 20 |
| TOP SECTION (LHR) | = 22 |
| INT SECTION | = 20 |
| LOK SECTION | = 20 |
| BOT SECTION (UPPER) | = 18 |
| BOT SECTION (LOWER) | = 18 |
| J-STRUT W/ OP STILE | = 2 + 1/STILE |
2. "CRIMPTITE SCREW" = SCREW, 1/4-14 X 7/8" SELF-DRILLING, CRIMPTITE
3. 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.



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