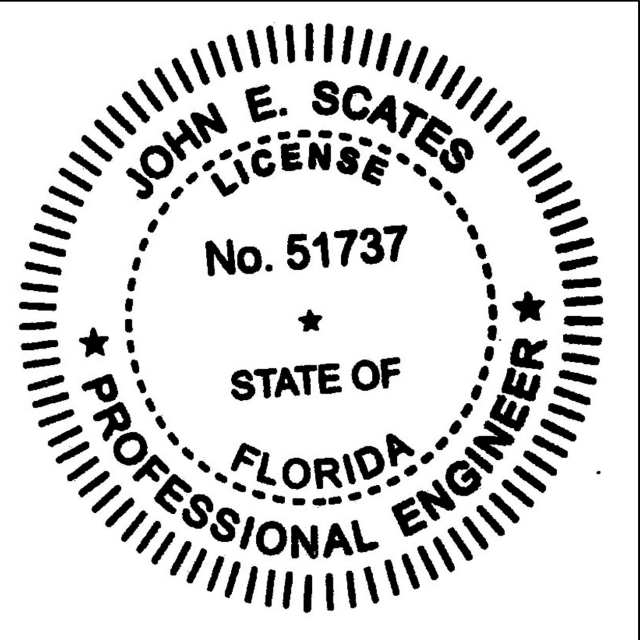


- NOTES:
- NON-IMPACT GLAZED OPTIONS IN MOLDED FRAMES:
 - .090 SSB, .125 DSB ANNEALED & TEMPERED GLASS ALLOWED.
 - SHORT LITES:
 - CLEAR OPENING SIZE: MAX WD=15.72; MAX HT=12.72
 - (10) MIN QTY SCREWS #8X1
 - LONG LITES:
 - CLEAR OPENING SIZE: MAX WD=39.92; MAX HT=12.72
 - (14) MIN QTY SCREWS #8X1
 - DECORATIVE TRIM INSERTS ALLOWED.
 - (1) GLAZED SECTION ALLOWED IN 3RD SECTION OR HIGHER.
 - 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.
 - 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 LOCKS, 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 - .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.
 - SEE SHEET 3 FOR FASTENER NOTES.
 - THE TERMS STRUT AND U-BAR MAY BE USED INTERCHANGEABLY.
 - SEE SHEET 3 FOR STRUT ATTACHMENT INSTRUCTIONS.

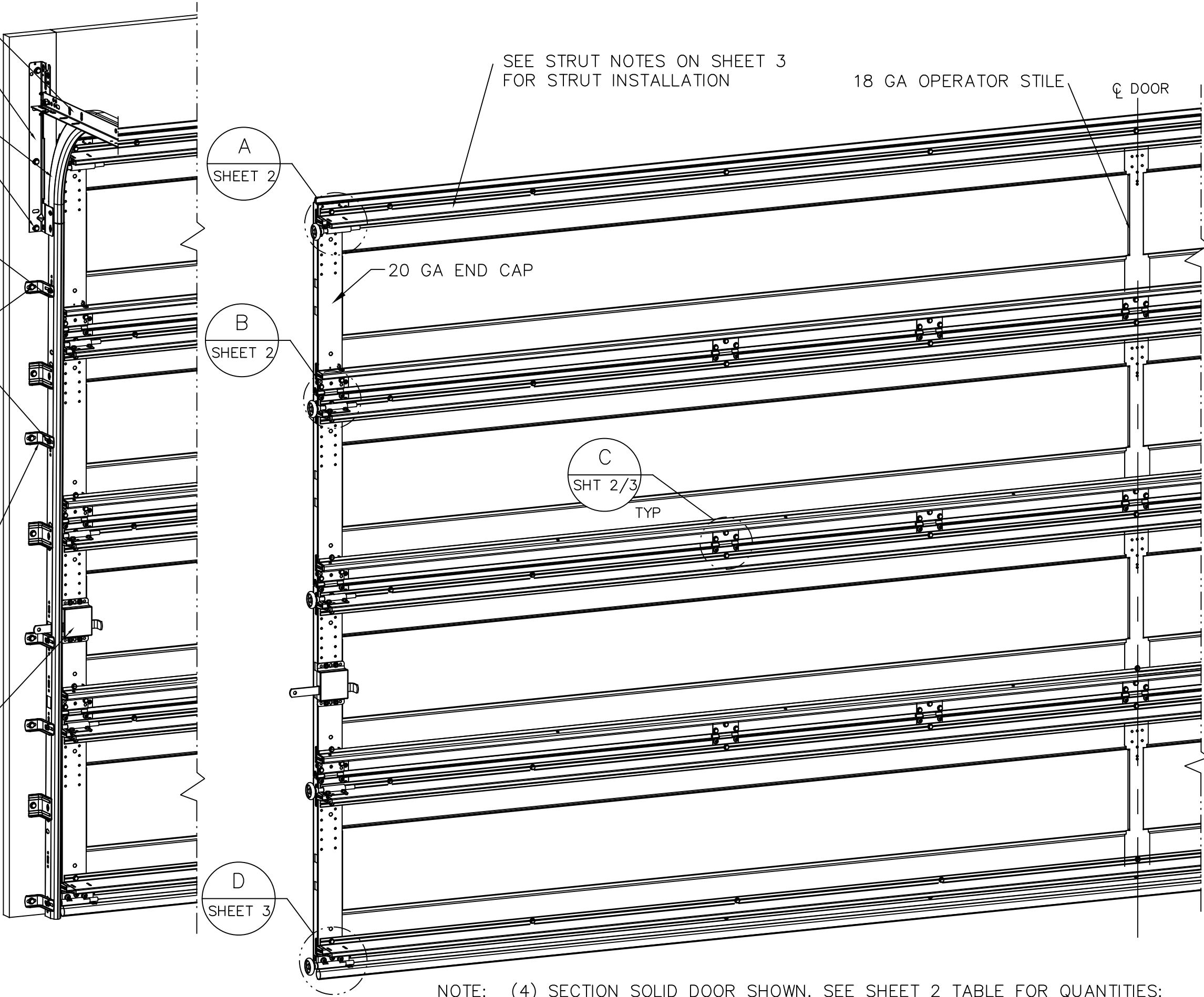


SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE		
MAX DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
		18.4/-20.8
18'-0"	ALL	+166/-187
17'-0"	ALL	+156/-177

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: 2020.08.11 17:24:28 -05'00'

- 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



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.

STANDARD LIFT AND LOW HEADROOM 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	6	QI	2" (JB), 13" (QI), 25-1/2" (JB), 34" (JB), 45-1/4" (QI), 63" (JB)	
7'-0"	4	6	FAT	2" (JB), 10" (JB), 21-3/4" (JB), 29-3/4" (JB), 42" (JB), 63-1/4" (JB)	
8'-0"	4 OR 5	8	QI	2" (JB), 13" (QI), 23" (JB), 34" (JB), 47-1/4" (QI), 58" (JB), 67" (QI), 75" (JB)	
8'-0"	4 OR 5	8	FAT	2" (JB), 10" (JB), 21-3/4" (JB), 29-3/4" (JB), 48" (JB), 57-1/4" (JB), 66" (JB), 75-1/2" (JB)	
> 8'-0"/HIGH LIFT/ROOF PITCH				SEE NOTE BELOW	

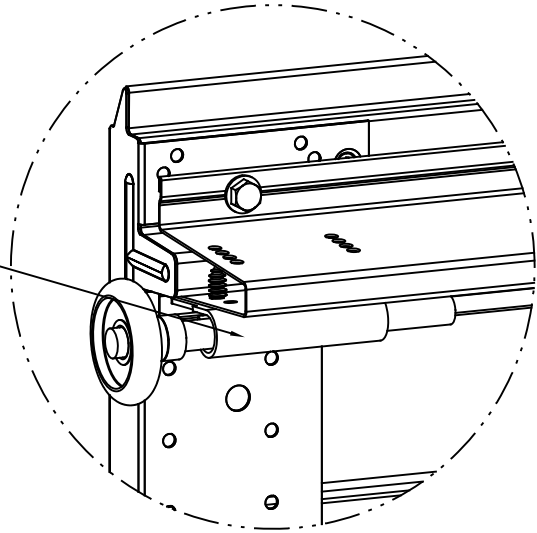
TRACK NOTES:

- (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.



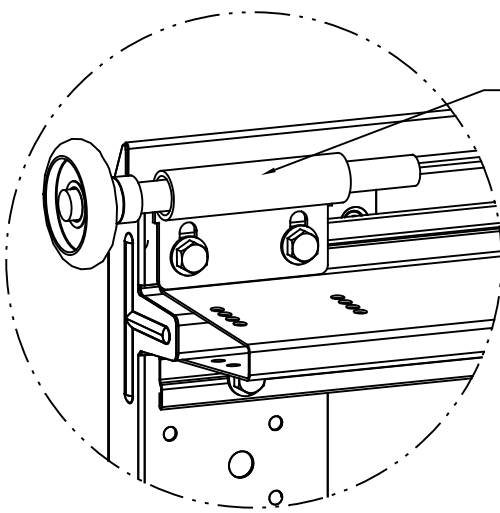
STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: C	
DESIGN (PSF):	+18.4/−20.8	MAX WIDTH:	18′−0″	DATE		NAME	
TEST (PSF):	+27.6/−31.2	MAX HEIGHT:	12′−0″	DRAWN	3/31/20	SW	
IMPACT/CYCLIC RATED (YES/NO): NO		MAX SECTION HEIGHT: 24″		CHECKED			
MODELS 5120/9100/9405/9605/TS100/TS120				SHEET 1 OF 3			
WINDLOAD SPECIFICATION OPTION CODE 0656				DRAWING PART NO.		REV.	
				411642		—	

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



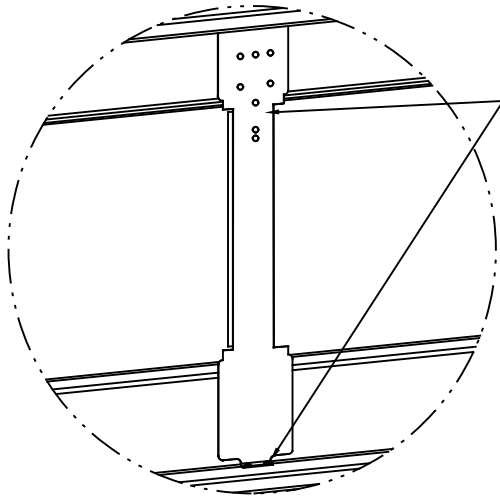
DETAIL A

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



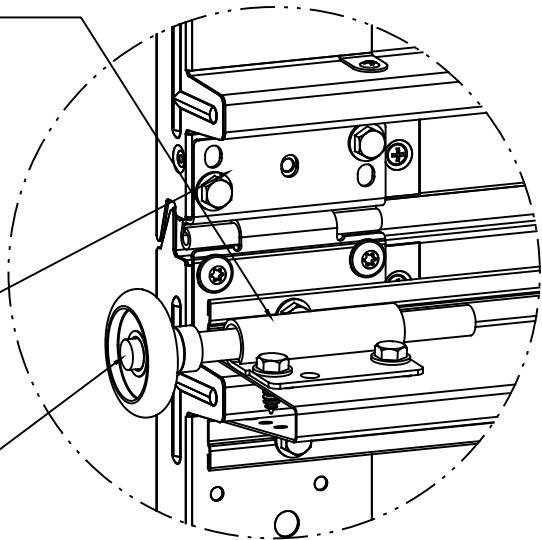
LOW HEADROOM TRACK
DETAIL A

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

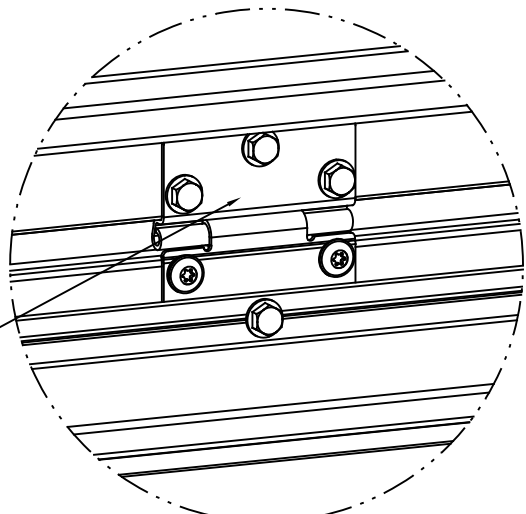


DETAIL B

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

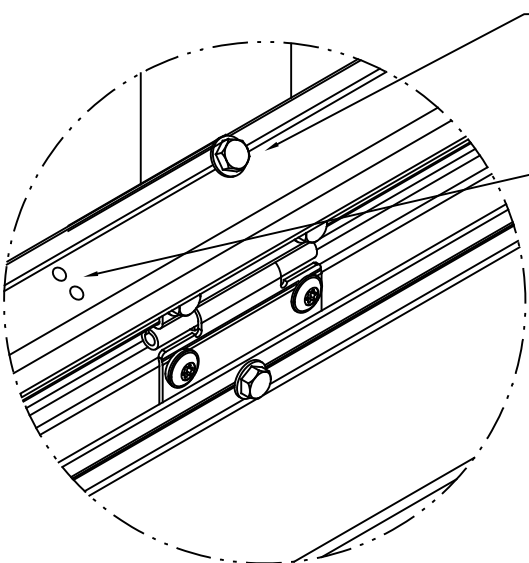
2" NYLON ROLLER,
STORMGARD 5"
STEM. OPTIONAL -
10/11-BALL
BEARING ROLLER

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



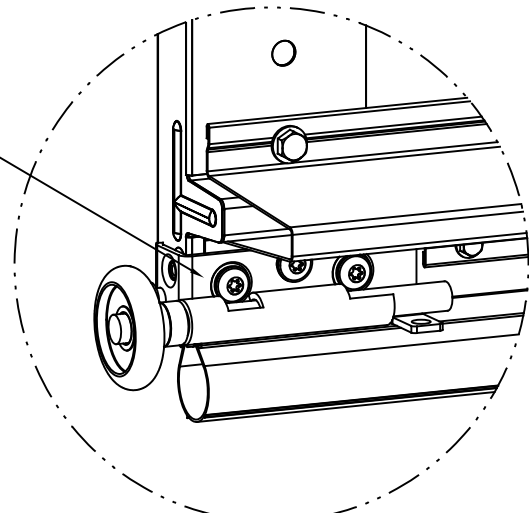
DETAIL C

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

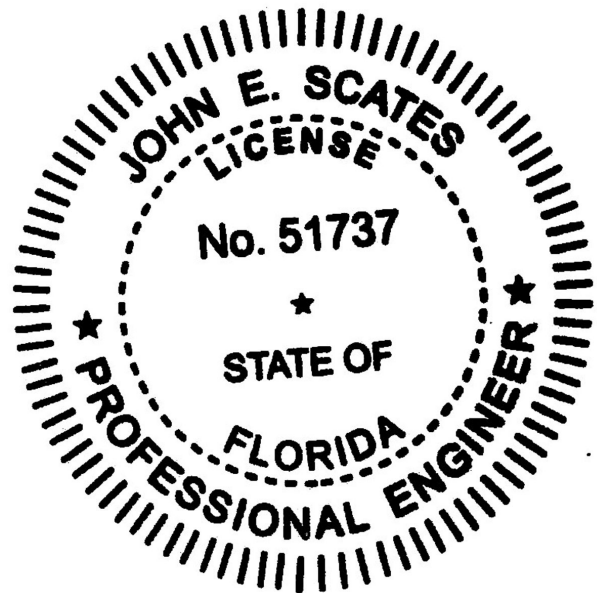
12 GA BOTTOM
BRACKET FACTORY
ATTACHED WITH (3)
CRIMPTITE SCREWS
TOTAL



DETAIL D

SECTION QUANTITIES

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
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

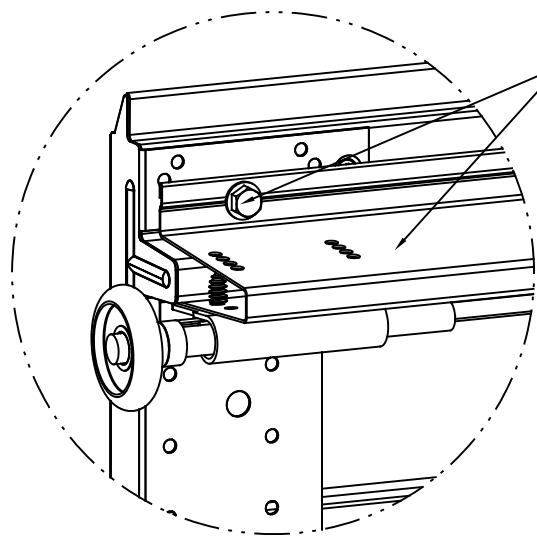
A DIVISION OF OVERHEAD DOOR CORP

3395 ADDISON DRIVE

PENSACOLA, FLORIDA 32514

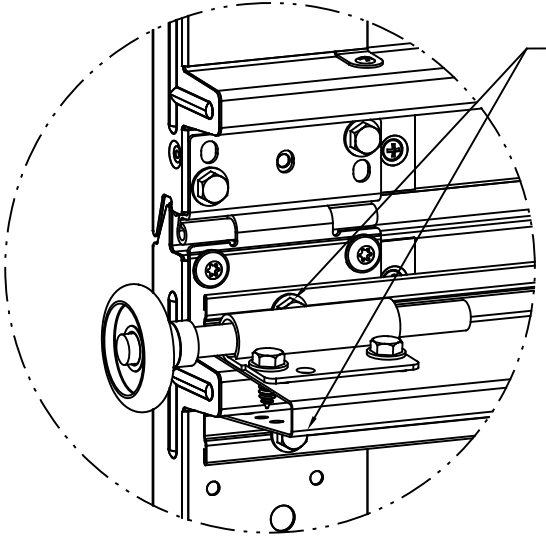
(850) 474-9890

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: C	
DESIGN (PSF):	+18.4/-20.8	MAX WIDTH:	18'-0"	DATE		NAME	
TEST (PSF):	+27.6/-31.2	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 2 OF 3			
WINDLOAD SPECIFICATION OPTION CODE 0656				DRAWING PART NO.		REV.	
				411642		-	



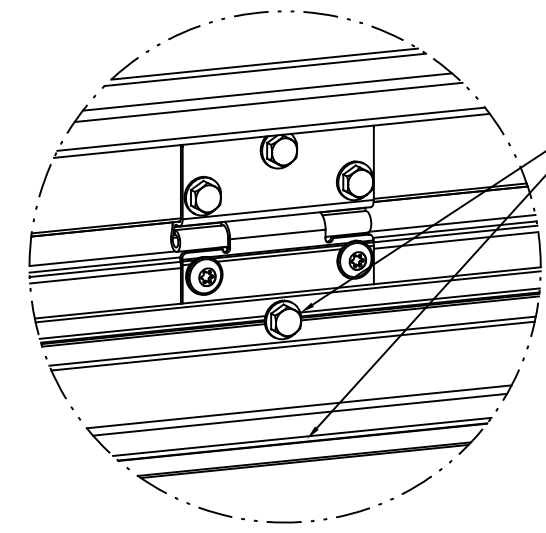
DETAIL A

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).



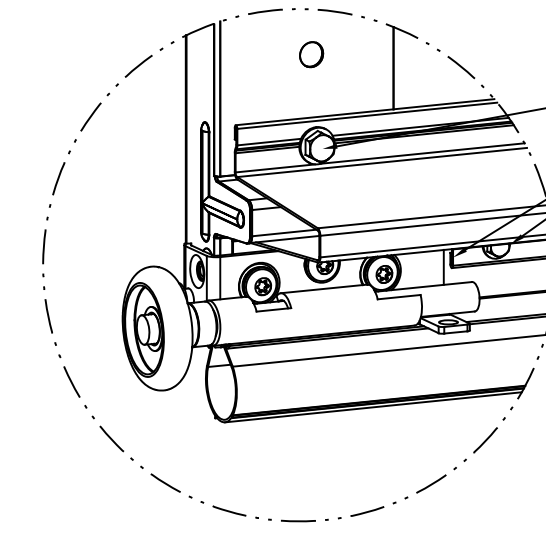
DETAIL B

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.



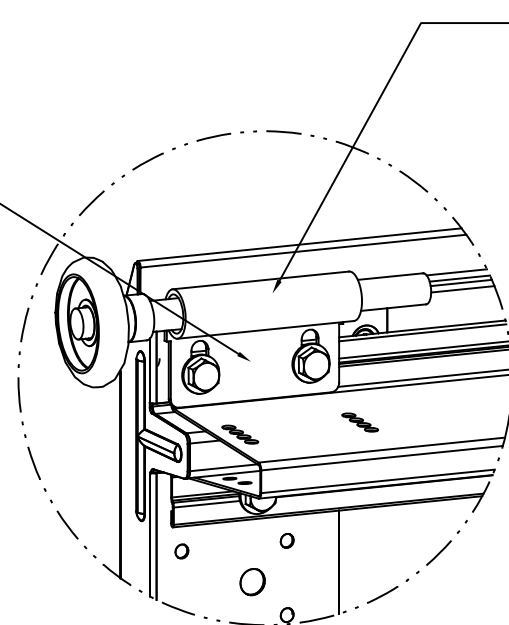
DETAIL C

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.



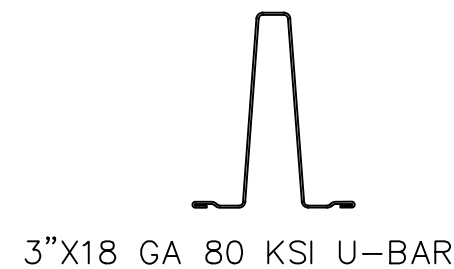
DETAIL D

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



LOW HEADROOM TRACK
DETAIL A

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



3"X18 GA 80 KSI U-BAR

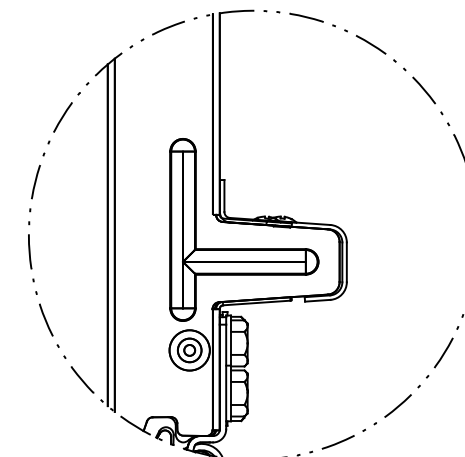


J-STRUT, 18 GA 33 KSI

(6) SECTION DOORS:
(7) 3"X18 GA 80 KSI U-BARS
(5) J-STRUT, 18 GA

(5) SECTION DOORS:
(6) 3"X18 GA 80 KSI U-BARS
(4) J-STRUT, 18 GA

(4) SECTION DOORS:
(5) 3"X18 GA 80 KSI U-BARS
(3) J-STRUT, 18 GA



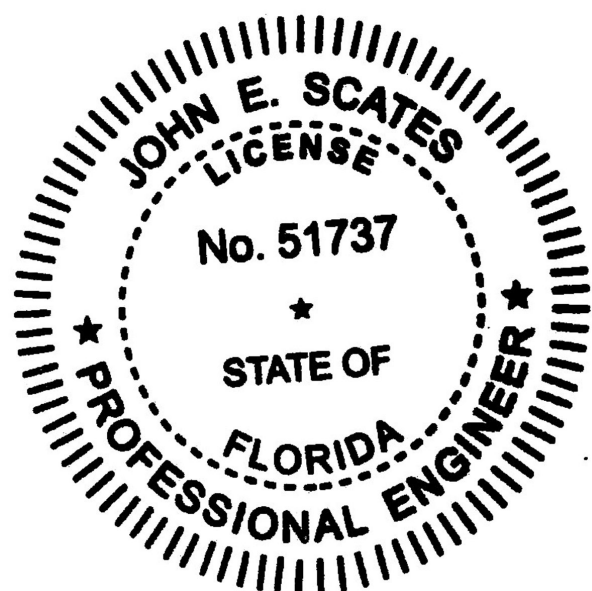
STRUTS & J-STRUTS INSTALLED
OVER INTEGRAL RIBS

J-STRUT

J-STRUT

FASTENER NOTES:

- 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
- "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.



Wayne Dalton
GARAGE DOORS™
A DIVISION OF OVERHEAD DOOR CORP
3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: C	
DESIGN (PSF):	+18.4/-20.8	MAX WIDTH:	18'-0"	DATE		NAME	
TEST (PSF):	+27.6/-31.2	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 3 OF 3			
WINDLOAD SPECIFICATION OPTION CODE 0656				DRAWING PART NO.		REV.	
				411642		—	