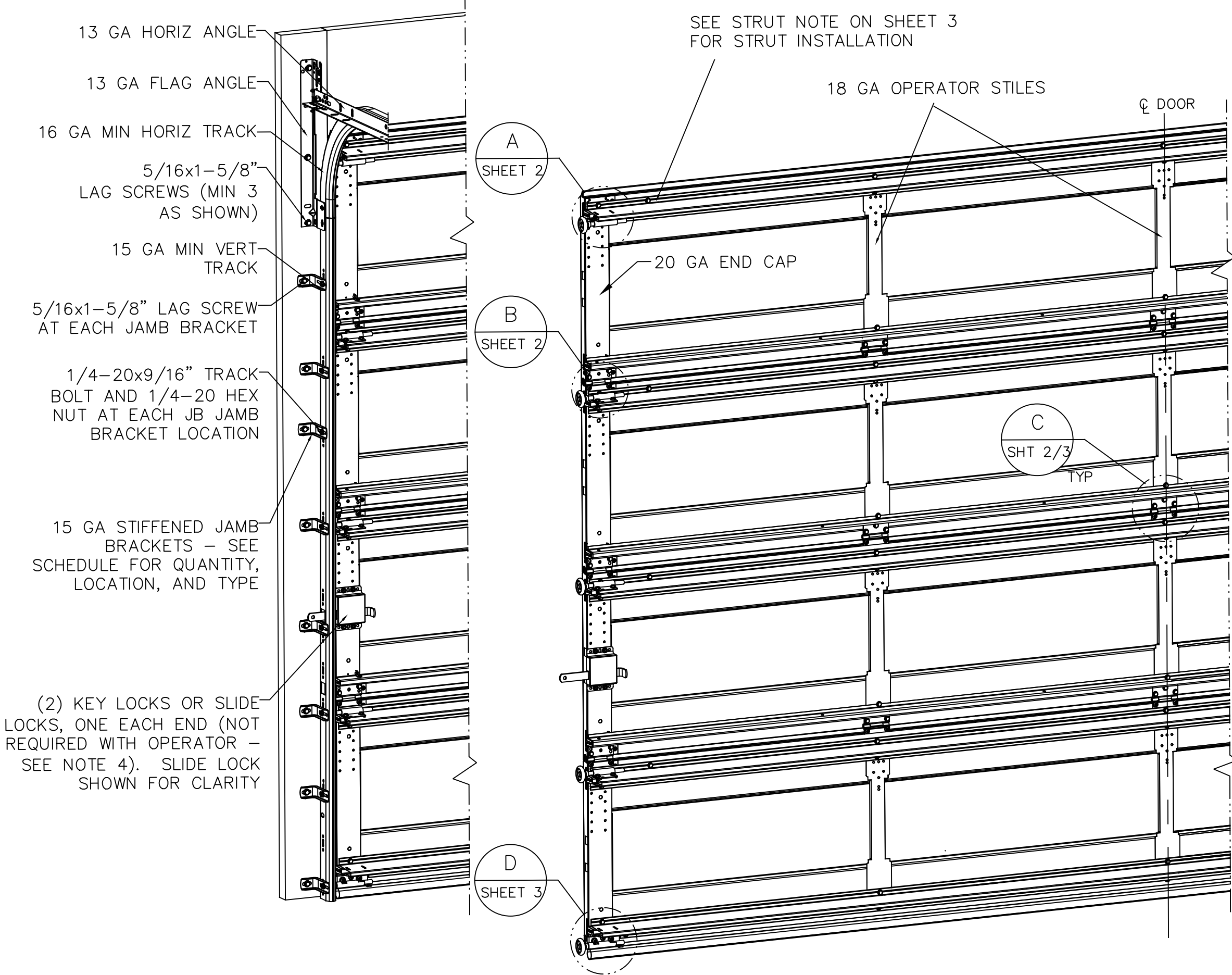


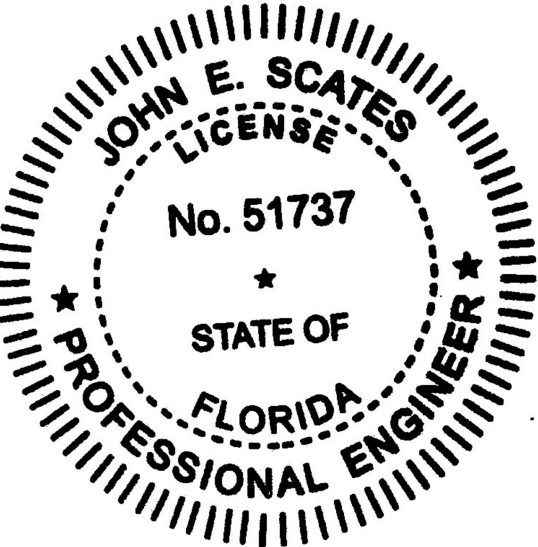
- NOTES:
- IMPACT RESISTANT GLAZED LITE OPTION:
 - .250 THK MAKROLON AR POLYCARBONATE OR EQUIVALENT.
 - CLEAR OPENING SIZE: MAX WD=40.63; MAX HT=13.25
 - DETAIL "E" ON SHEET 2 FOR ASSEMBLY DETAILS.
 - OUTSIDE & INSIDE FRAMES ARE DECORATIVE ONLY.
 - DECORATIVE TRIM INSERTS ALLOWED.
 - (1) GLAZED SECTION ALLOWED IN TOP SECTION ONLY.
 - 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 – .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.



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	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	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.
 - 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) +46/-52
9'-0"	ALL	+207/-234
8'-0"	ALL	+184/-208

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 18:06:38 -05'00'

Wayne Dalton

GARAGE DOORS™

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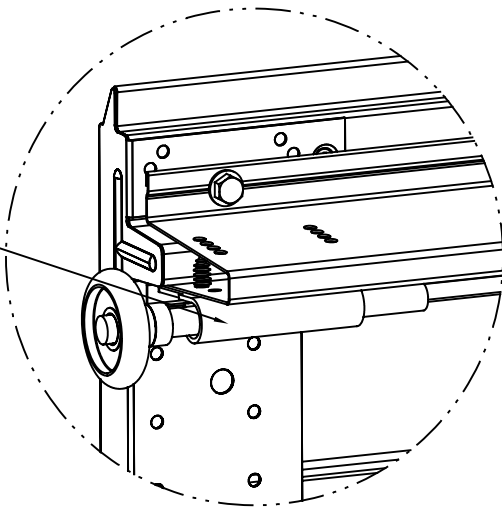
3395 ADDISON DRIVE

PENSACOLA, FLORIDA 32514

(850) 474-9890

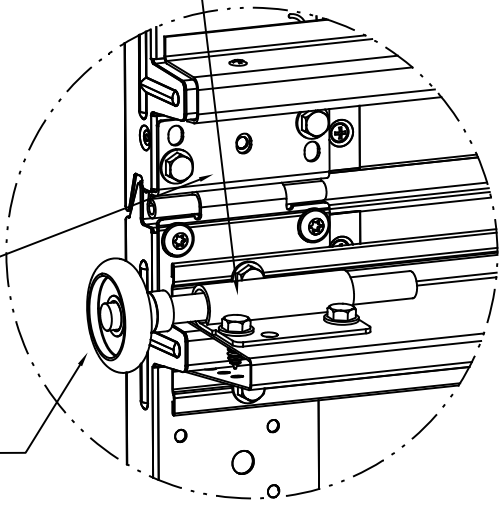
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DESIGN (PSF):	+46.00/−52.00	MAX WIDTH:	9′−0″	DATE		NAME	
TEST (PSF):	+69.00/−78.00	MAX HEIGHT:	12′−0″	DRAWN	3/30/20	SW	
IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 24″		CHECKED			
MODELS 5120/9100/9405/9605/TS100/TS120				SHEET 1 OF 3			
WINDLOAD SPECIFICATION OPTION CODE 0646				DRAWING PART NO. 411632		REV. A	

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



DETAIL A

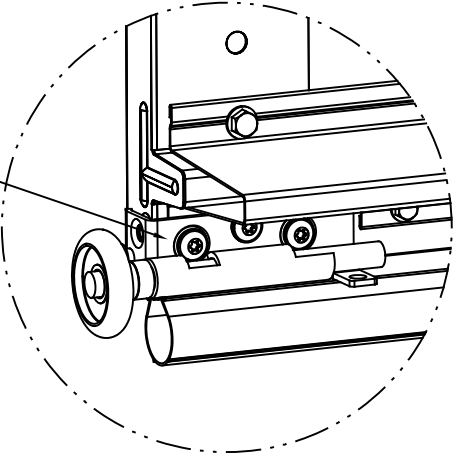
13 GA ROLLER SLIDE
ATTACHED ON TOP
OF STRUT WITH (2)
CRIMPTITE SCREWS



DETAIL B

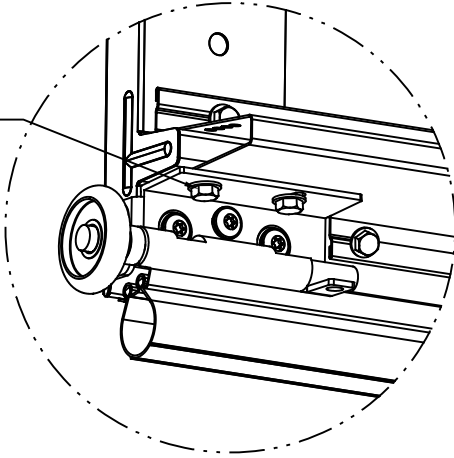
15 GA HINGE
FACTORY
ATTACHED WITH
(2) CRIMPTITE
SCREWS (4
SCREWS TOTAL)

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



DETAIL C

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

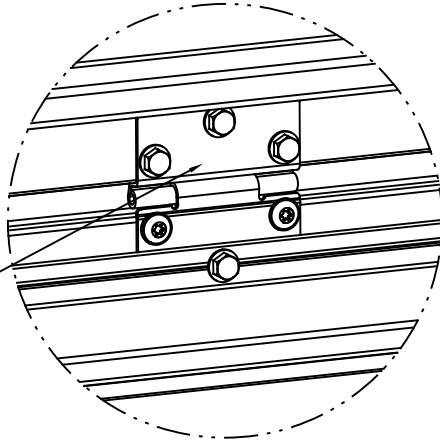


DETAIL D

12 GA IMPACT BOTTOM
BRACKET FACTORY
ATTACHED (3) CRIMPTITE
SCREWS TOTAL. SECURE
BB FLANGE TO STRUT
WITH (2) CRIMPTITE
SCREWS

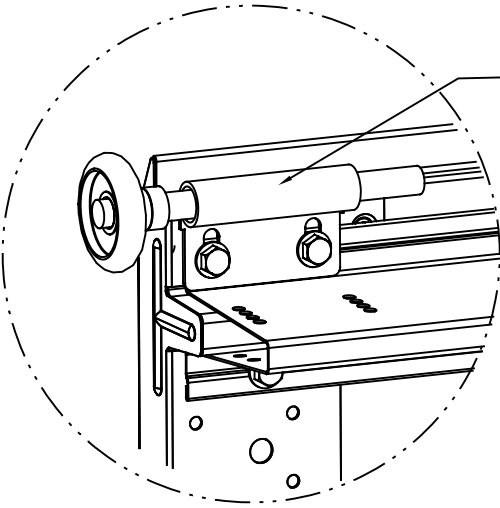
IMPACT BOTTOM BRACKET

CENTER HINGES:
STATIC ONLY: 18 GA
IMPACT: 15 GA
SECURED WITH (4)
CRIMPTITE SCREWS (6
SCREWS TOTAL)



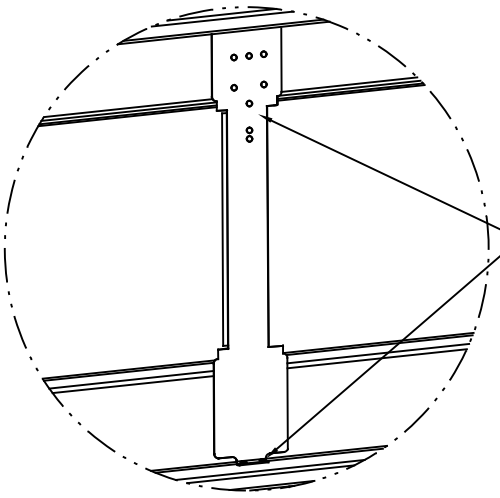
DETAIL E

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



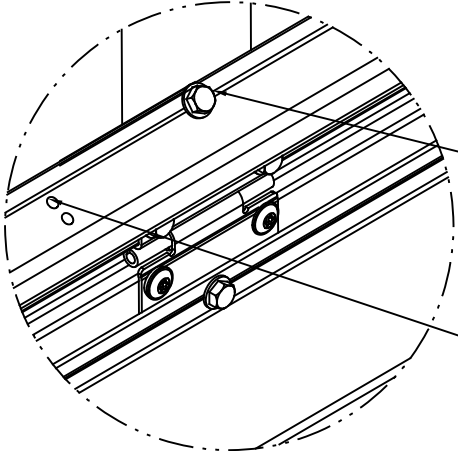
LOW HEADROOM TRACK
DETAIL A

SECURE OPERATOR STILE
WITH (4) #8 PIERCING
SCREWS INTO INTEGRAL
RIBS. (FACTORY
INSTALLED)



OPERATOR STILE
ATTACHMENT

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



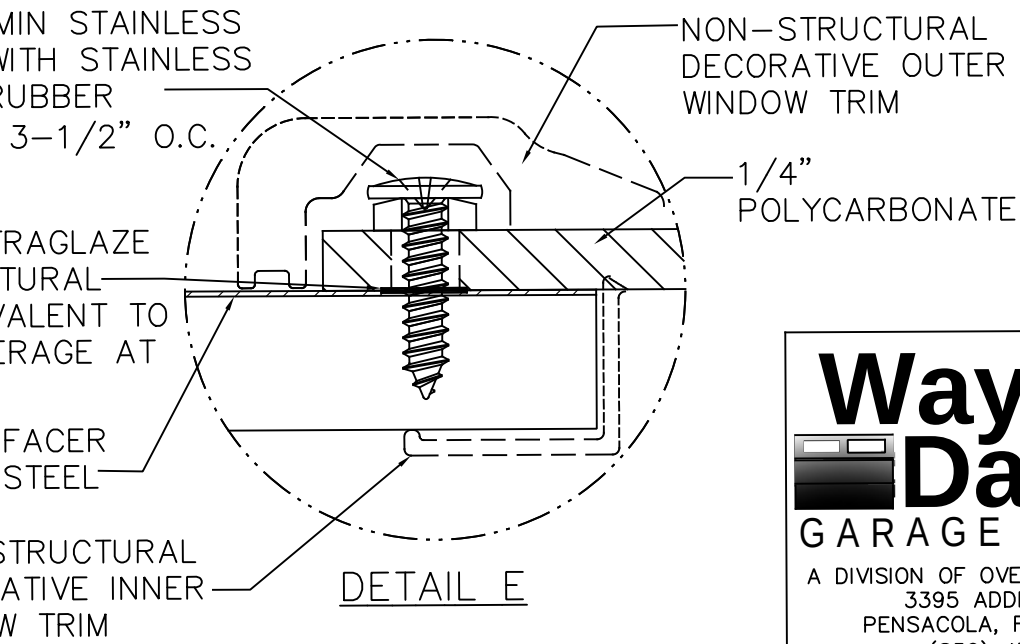
J-STRUT ATTACHMENT

SECTION QUANTITIES

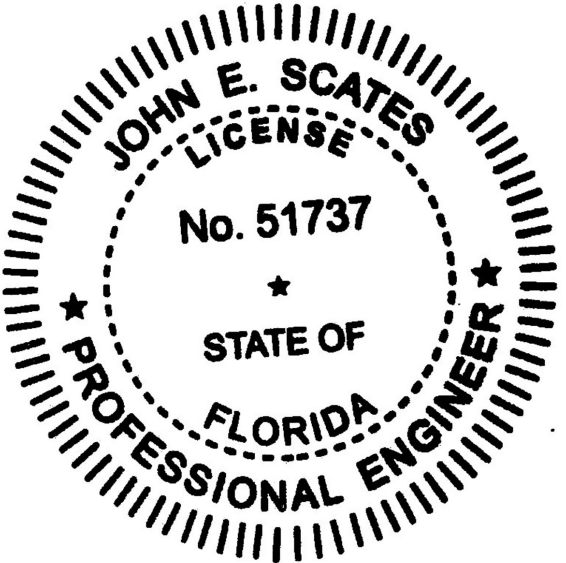
DOOR WIDTH	CRP / FLUSH				RANCH				SONOMA					SONOMA RANCH			
	STAMPS / SHORT LITES	CTR HNG	OP STILES: SOLID	OP STILES: GLAZED	STAMPS / LONG LITES	CTR HNG	OP STILES: SOLID	OP STILES: GLAZED	STAMPS / SHORT LITES	LONG LITES	CTR HNG	OP STILES: SOLID	OP STILES: GLAZED	STAMPS / LONG LITES	CTR HNG	OP STILES: SOLID	OP STILES: GLAZED
6'0"	3	3	2	2	NA	3	2	NA	3	NA	3	2	NA	NA	3	2	NA
7'0"	3	3	2	2	NA	3	2	NA	3	NA	3	2	NA	NA	3	2	NA
8'0"	4	3	3	3	2	3	3	1	4	2	3	3	3	2	3	3	1
9'0"	4	3	3	3	2	3	3	1	4	2	3	3	3	2	3	3	1

#8x3/4" MIN STAINLESS
SCREWS WITH STAINLESS
BACKED RUBBER
WASHERS 3-1/2" O.C.
MAX

1/4" BEAD GE ULTRAGLAZE
SSG4000AC STRUCTURAL
SEALANT OR EQUIVALENT TO
CREATE FULL COVERAGE AT
OVERLAP.

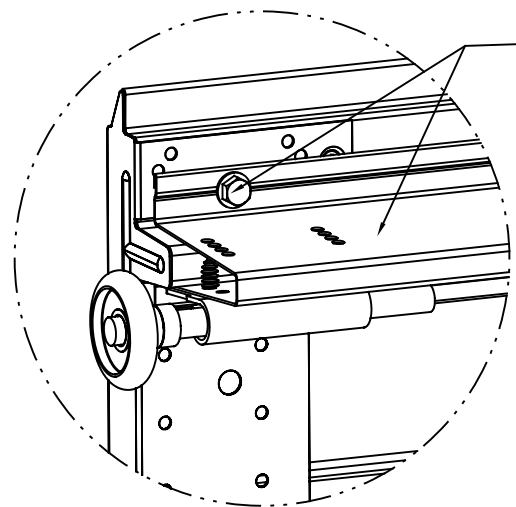


DETAIL F



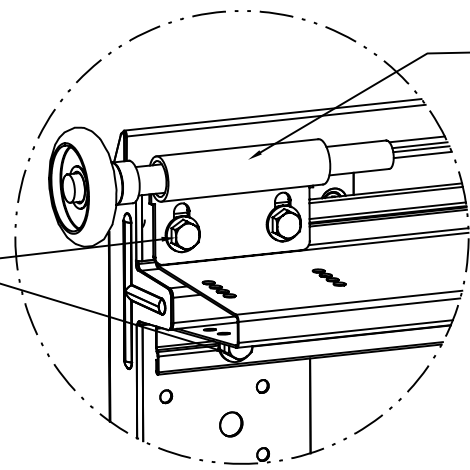
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A DIVISION OF OVERHEAD DOOR CORP
3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
(850) 474-9890

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: C	
DESIGN (PSF):	+46.0/−52.0	MAX WIDTH:	9'−0"	DATE		NAME	
TEST (PSF):	+69.0/−78.0	MAX HEIGHT:	12'−0"	DRAWN	3/30/20	SW	
IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 24"		CHECKED			
MODELS 5120/9100/9405/9605/TS100/TS120				SHEET 2 OF 3			
				DRAWING PART NO.		REV.	
WINDLOAD SPECIFICATION OPTION CODE 0646				411632		A	



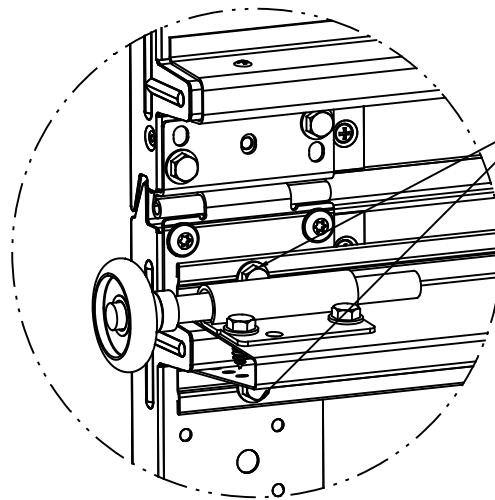
DETAIL A

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 TOP
FIXTURE ROLLER HOLDER)
8" APPX. FROM ENDS: SECURE STRUTS
USING (1) CRIMPTITE SCREW (UPPER).



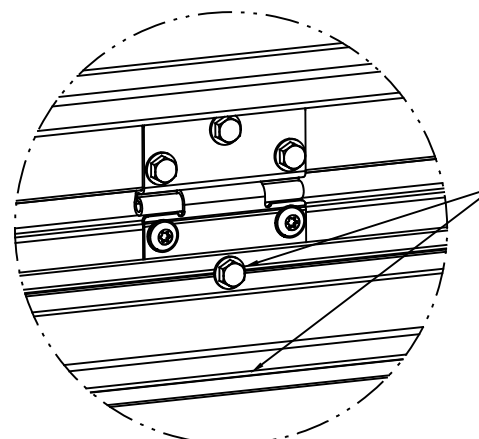
LOW HEADROOM TRACK
DETAIL A

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



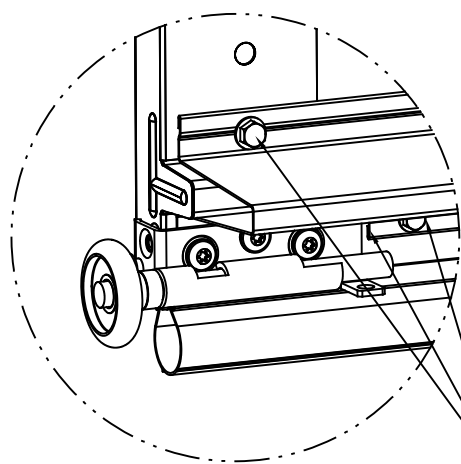
DETAIL B

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.



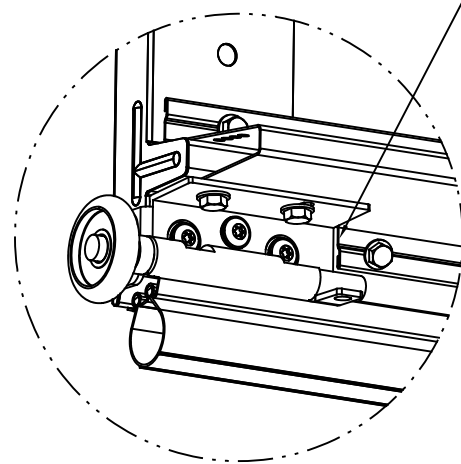
DETAIL C

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 STRUT WITH (2) CRIMPTITE SCREWS, UPPER
& LOWER LEGS



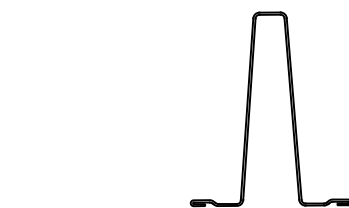
DETAIL D

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



DETAIL D

IMPACT BOTTOM BRACKET

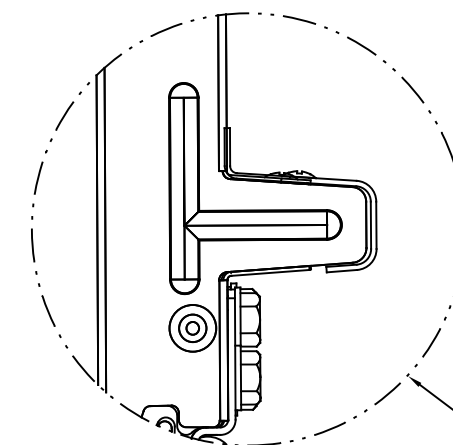


3"X18 GA 80 KSI U-BAR



J-STRUT, 18 GA 33 KSI

STRUT & J-STRUTS INSTALLED
OVER INTEGRAL RIBS

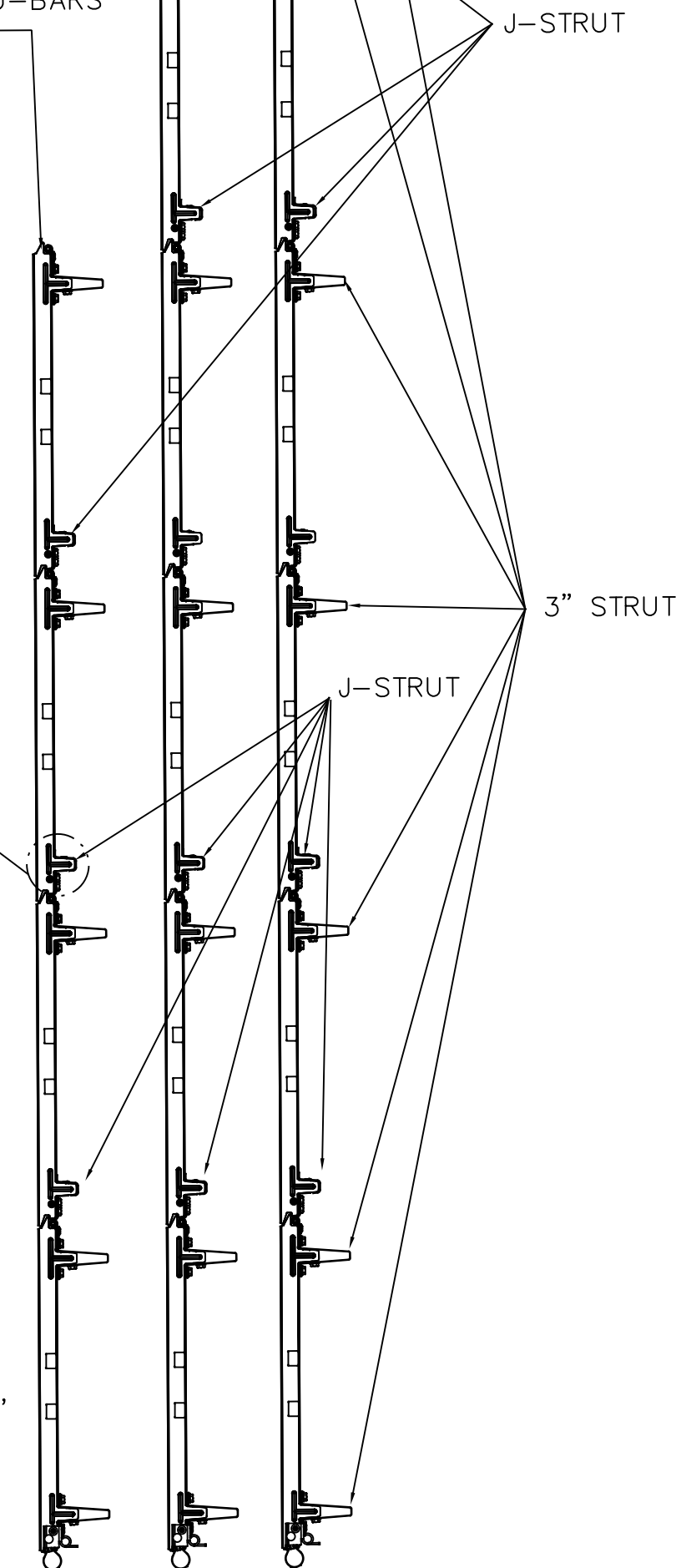


ALL INTEGRAL RIBS WITH NO 3"
STRUTS MUST HAVE A J-STRUT

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

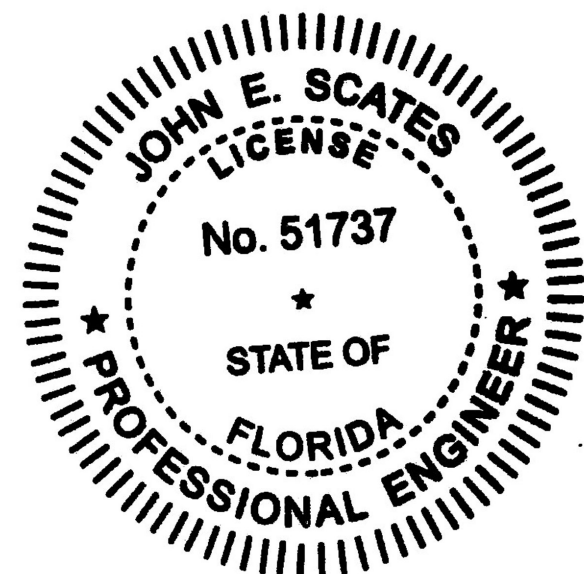
(5) SECTION DOORS:
(6) 3"X18 GA 80 KSI U-BARS
(4) J-STRUT, 18 GA

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



FASTENER NOTES:

- STRUT SCREW TOTALS:
3" STRUT - TOP SECTION (SL) = 12
3" STRUT - TOP SECTION (LHR) = 14
3" STRUT - INT SECTIONS = 12
3" STRUT - LOK SECTION = 12
3" STRUT - BOT SECTION (UPPER) = 10
3" STRUT - BOT SECTION (LOWER) = 12
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.



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IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 24"		CHECKED			
MODELS 5120/9100/9405/9605/TS100/TS120				SHEET 3 OF 3			
				DRAWING PART NO. 411632		REV. A	
WINDLOAD SPECIFICATION OPTION CODE 0646							