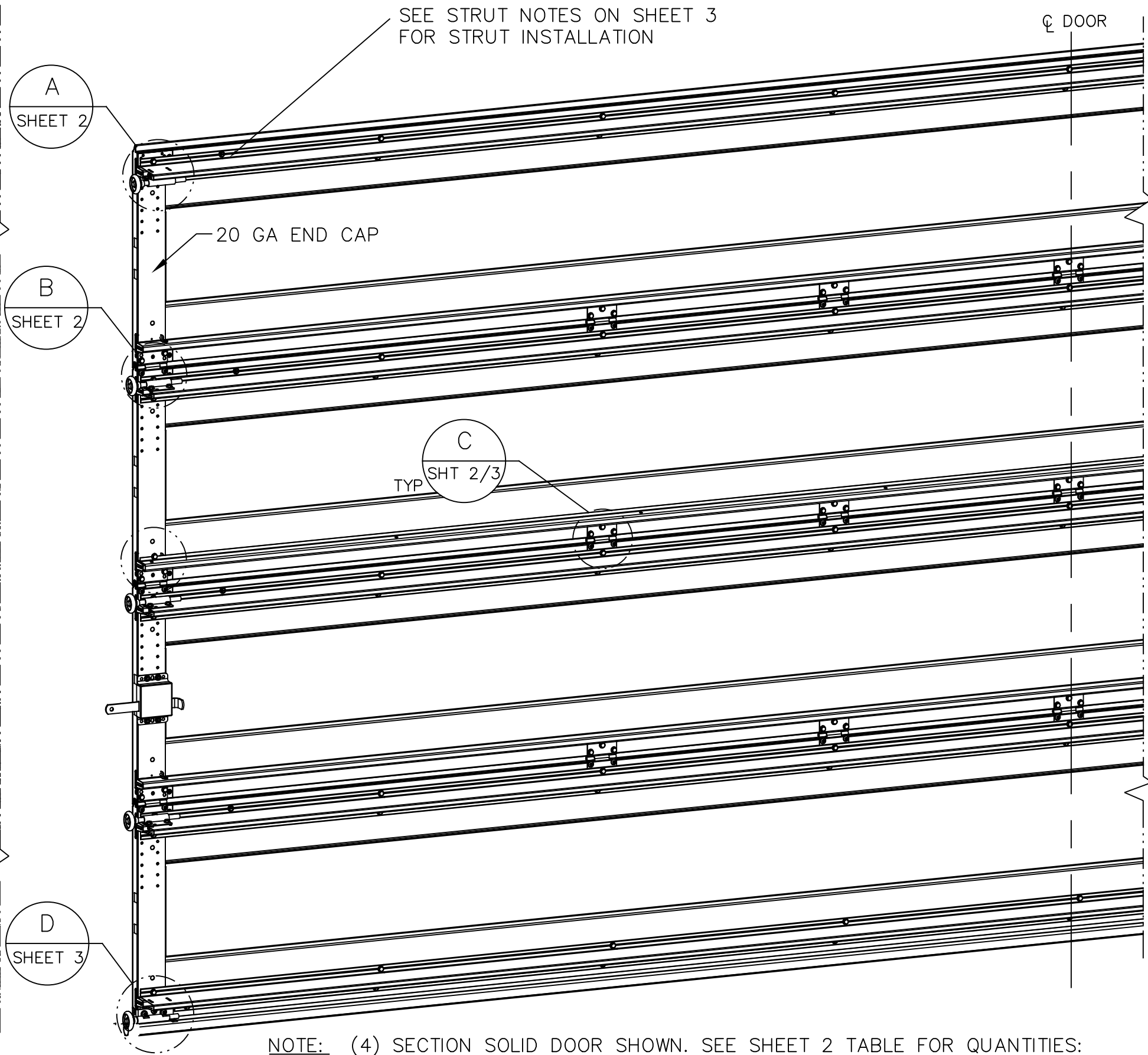


- NOTES:
- GLAZED LITE OPTIONS IN MOLDED FRAMES:
 - .090 SSB, .125 DSB ANNEALED & TEMPERED GLASS ALLOWED
 - SHORT LITES:
 - CLEAR OPENING SIZE: MAX WD=15.72; MAX HT=12.72
 - (10) MIN QTY SCREWS #8X1
 - LONG LITES:
 - CLEAR OPENING SIZE: MAX WD=39.92; MAX HT=12.72
 - (14) MIN QTY SCREWS #8X1
 - DECORATIVE TRIM INSERTS ALLOWED.
 - (1) GLAZED SECTION ALLOWED IN 3RD SECTION OR HIGHER
 - NOT IMPACT RESISTANT.
 - IMPACT RESISTANT GLAZED LITE OPTION:
 - .250 THK MAKROLON AR POLYCARBONATE OR EQUIV
 - CLEAR OPENING SIZE: MAX WD=40.63; MAX HT=13.25
 - PC PANEL SECURED 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 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.

- 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 JAMB BRACKET LOCATION
- 15 GA STIFFENED JAMB BRACKETS SEE SCHEDULE FOR QUANTITY, LOCATION, AND TYPE
- (2) KEY LOCKS OR SLIDE LOCKS BOTH ENDS (NOT REQUIRED WITH OPERATOR – SEE NOTE 4). SLIDE LOCK SHOWN FOR CLARITY

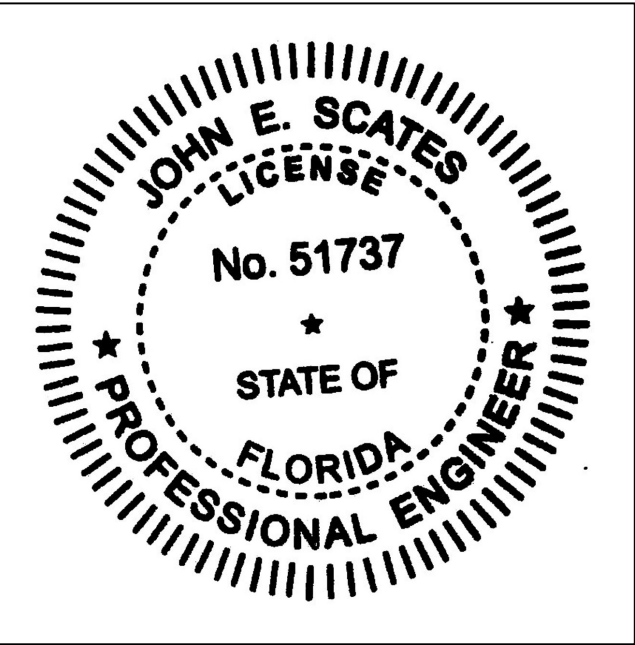


NOTE: (4) SECTION SOLID DOOR SHOWN. SEE SHEET 2 TABLE FOR QUANTITIES: STAMPS, LITES, HINGES & OPERATOR STILES. SEE SHEET 3 FOR STRUT QUANTITY & LOCATIONS. SEE NOTES 1 & 2 ON THIS SHEET FOR GLAZING OPTIONS.

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.

Digitally signed by John E. Scates P.E.
Date: 2020.08.10 18:04:41 -05'00'

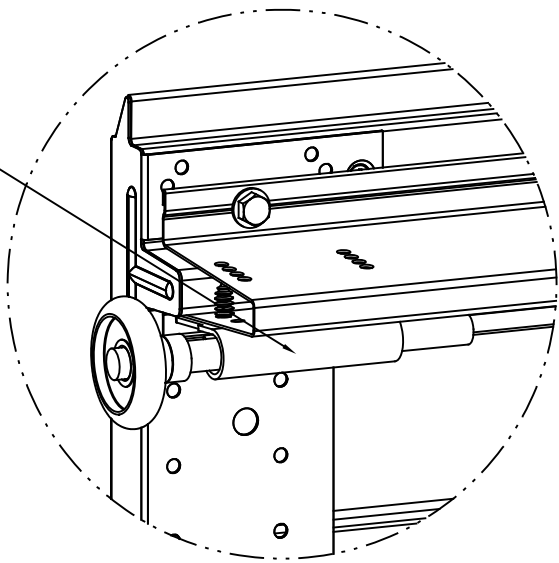
Wayne Dalton

GARAGE DOORS™

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

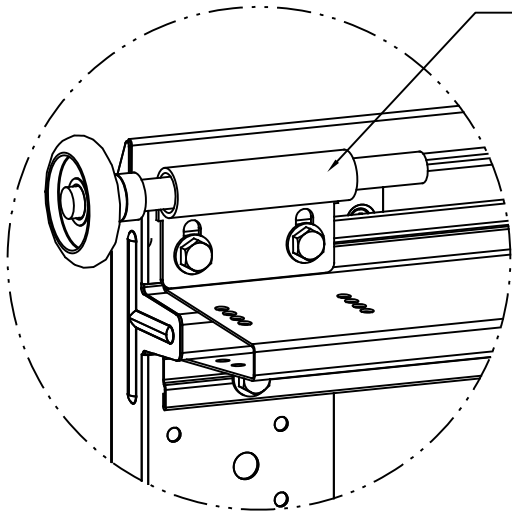
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TEST (PSF):	+23.10/-26.10	MAX HEIGHT:	12'-0"	DRAWN			
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT:	24"	CHECKED			
MODELS 5120/9100/9405/9605/TS100/TS120				SHEET 1 OF 3			
WINDLOAD SPECIFICATION OPTION CODE 0648				DRAWING PART NO.		REV.	
				411634		A	

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



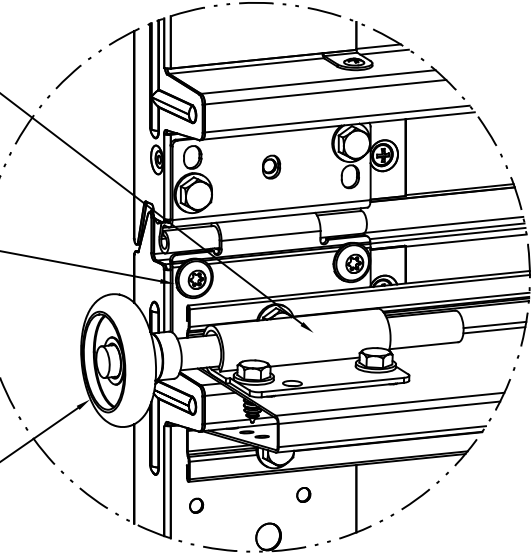
DETAIL A

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



LOW HEADROOM TRACK
DETAIL A

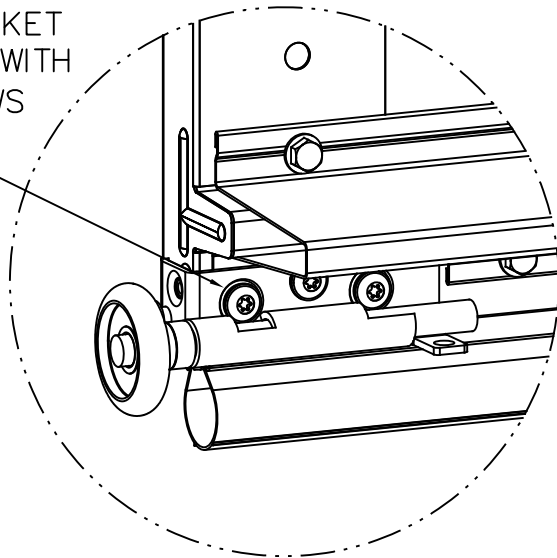
13 GA ROLLER SLIDE
ATTACHED ON TOP
OF STRUT WITH (2)
CRIMPTITE SCREWS



DETAIL B

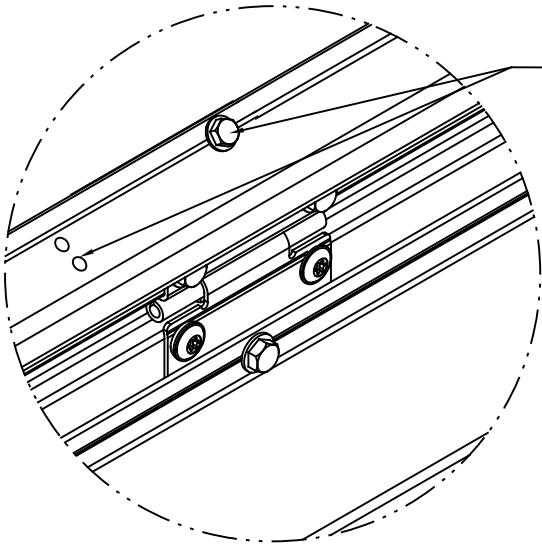
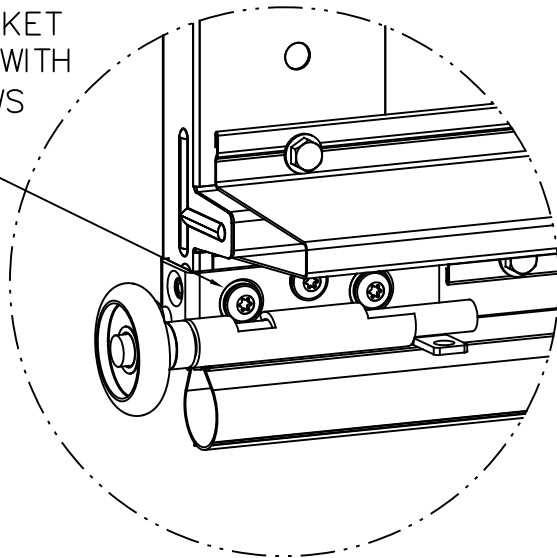
15 GA HINGE
FACTORY
ATTACHED WITH
(2) CRIMPTITE
SCREWS (4
SCREWS TOTAL)

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



DETAIL D

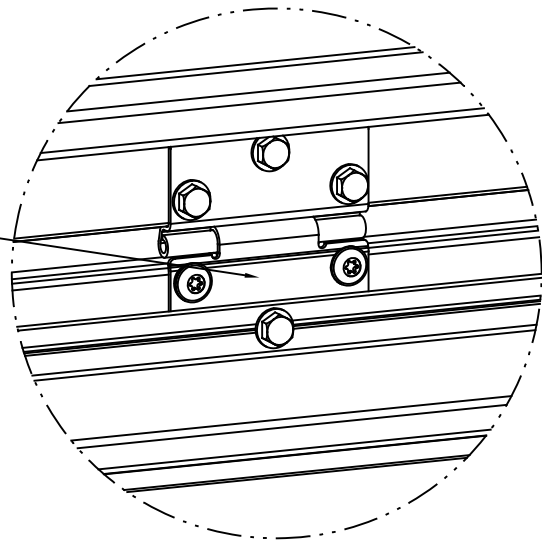
12 GA BOTTOM BRACKET
FACTORY ATTACHED WITH
(3) CRIMPTITE SCREWS
TOTAL



J-STRUT ATTACHMENT

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)

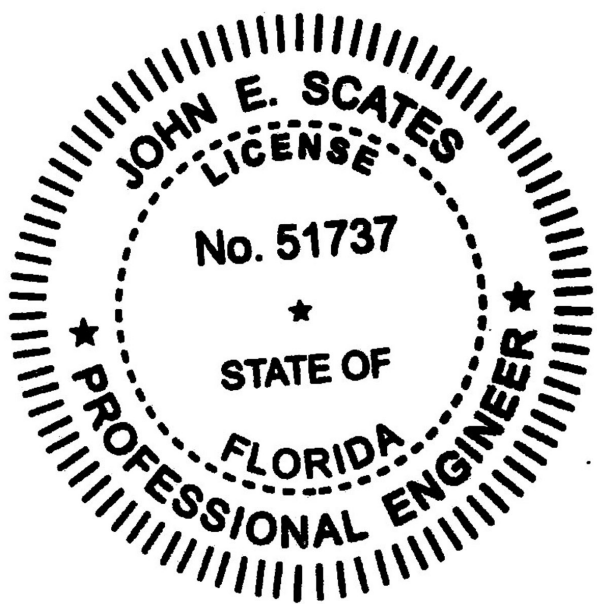
18 GA HINGE ATTACHED
WITH (4) CRIMPTITE
SCREWS (6 SCREWS
TOTAL)



DETAIL C

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
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

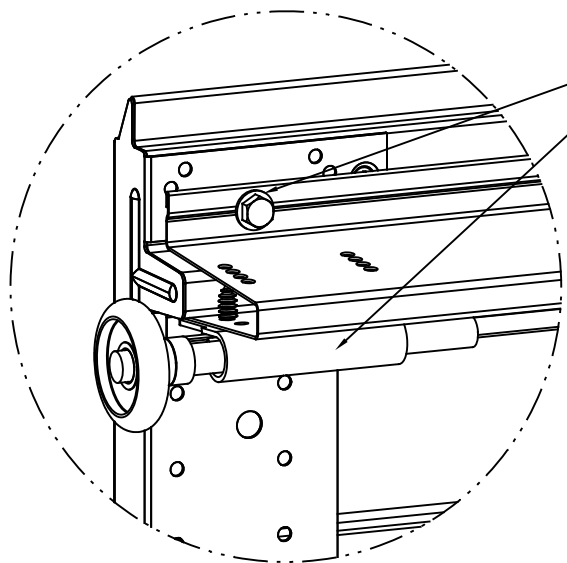


WayneDalton™

GARAGE DOORS

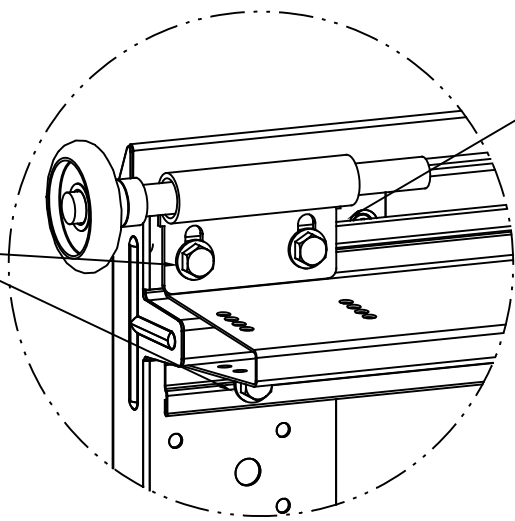
A DIVISION OF OVERHEAD DOOR CORP
3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
(850) 474-9890

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: C	
DESIGN (PSF):	+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			
MODELS 5120/9100/9405/9605/TS100/TS120				SHEET 2 OF 3			
WINDLOAD SPECIFICATION OPTION CODE 0648				DRAWING PART NO.		REV.	
				411634		A	



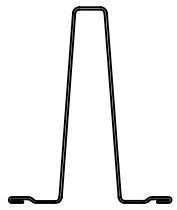
DETAIL A

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.



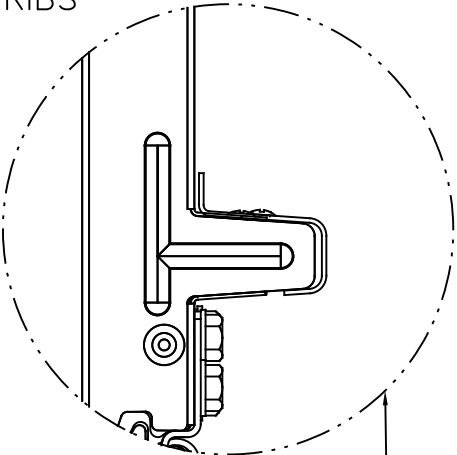
3"X20 GA 80 KSI U-BAR

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

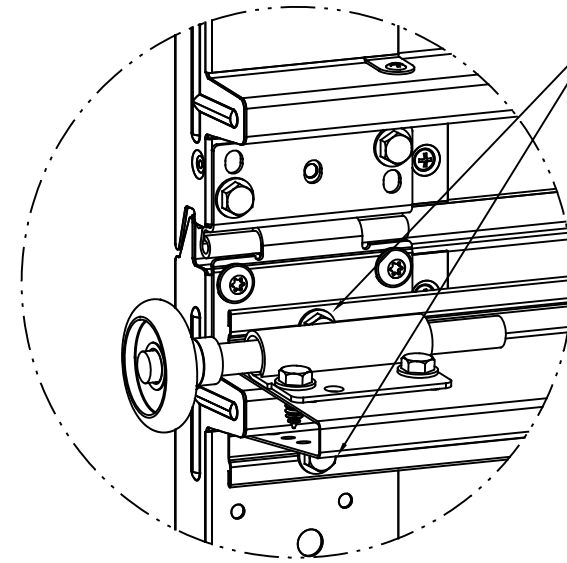
(5) SECTION DOORS:
(6) 3"X20 GA 80 KSI U-BARS
(1) J-STRUT, 18 GA

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

STRUTS & J-STRUTS
INSTALLED OVER INTEGRAL
RIBS

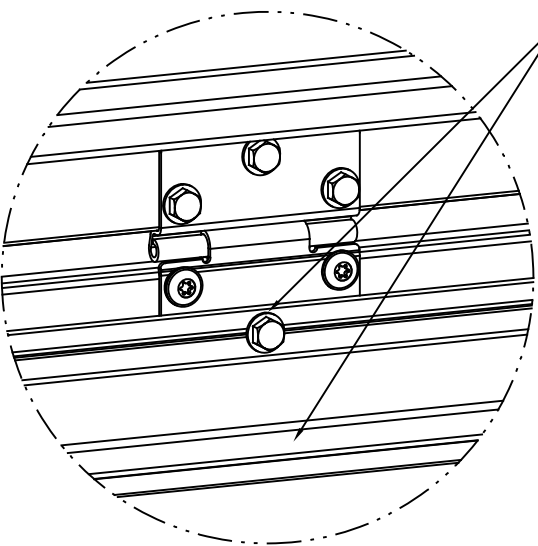


J-STRUT



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.

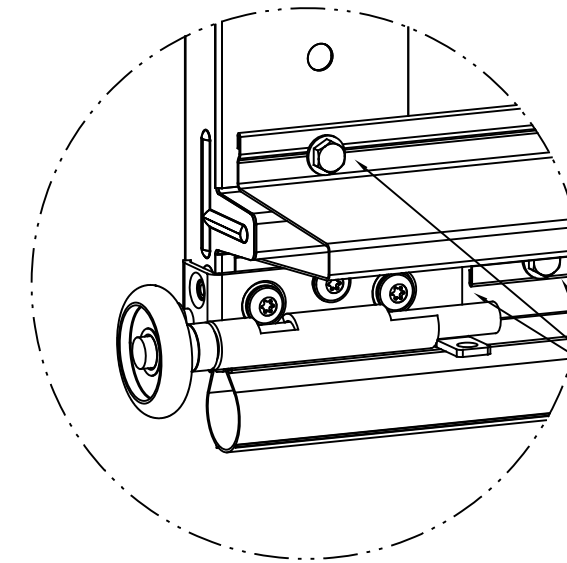


DETAIL C

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.

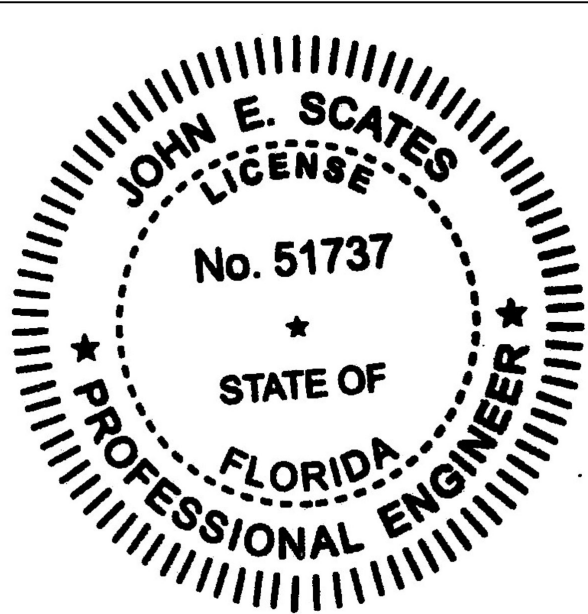
FASTENER NOTES:

- 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.



DETAIL D

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



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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	CSM	
IMPACT/CYCLIC RATED (YES/NO): NO		MAX SECTION HEIGHT: 24"		CHECKED			
MODELS 5120/9100/9405/9605/TS100/TS120				SHEET 3 OF 3			
				DRAWING PART NO.		REV.	
WINDLOAD SPECIFICATION OPTION CODE 0648				411634		A	