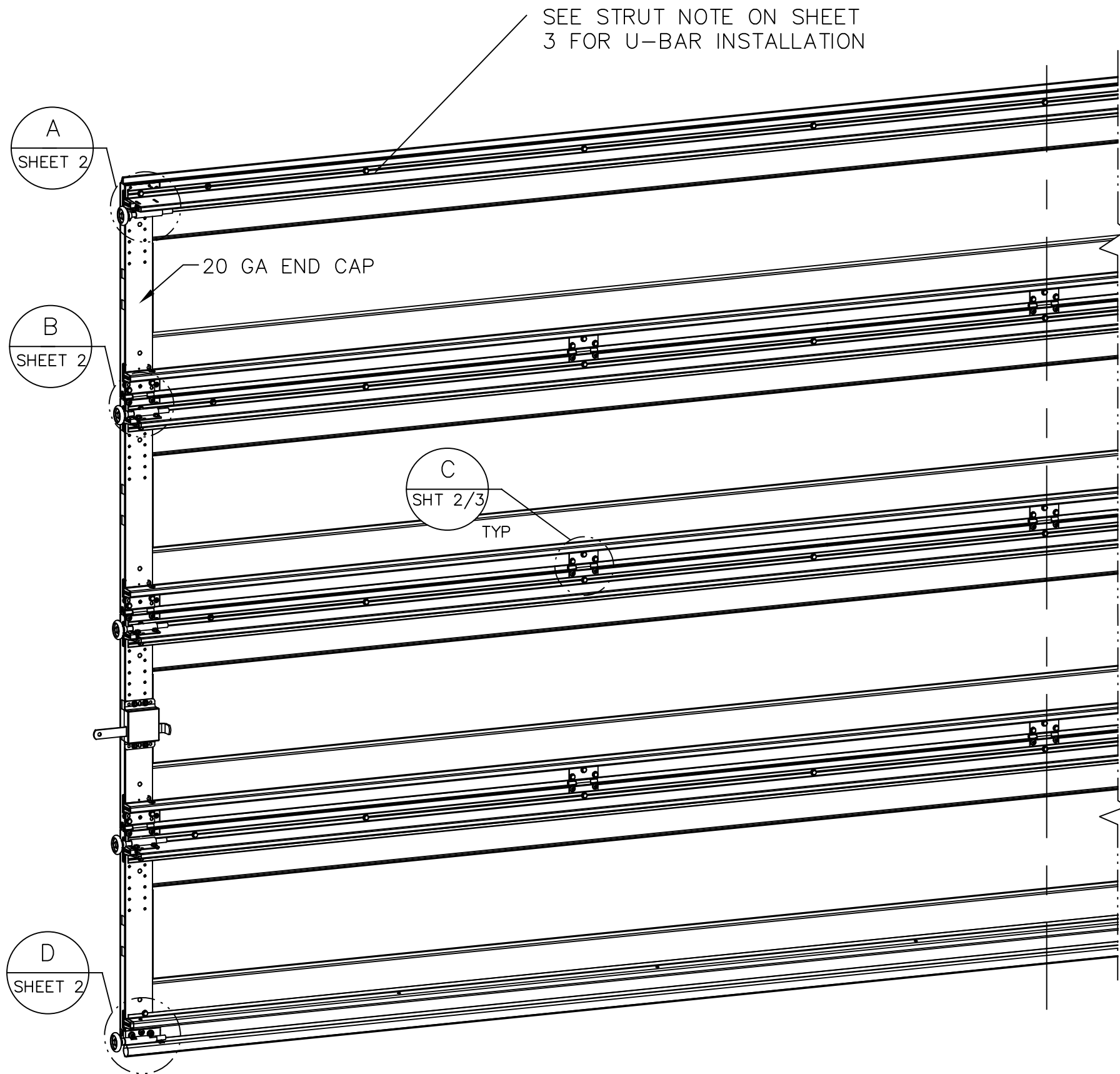
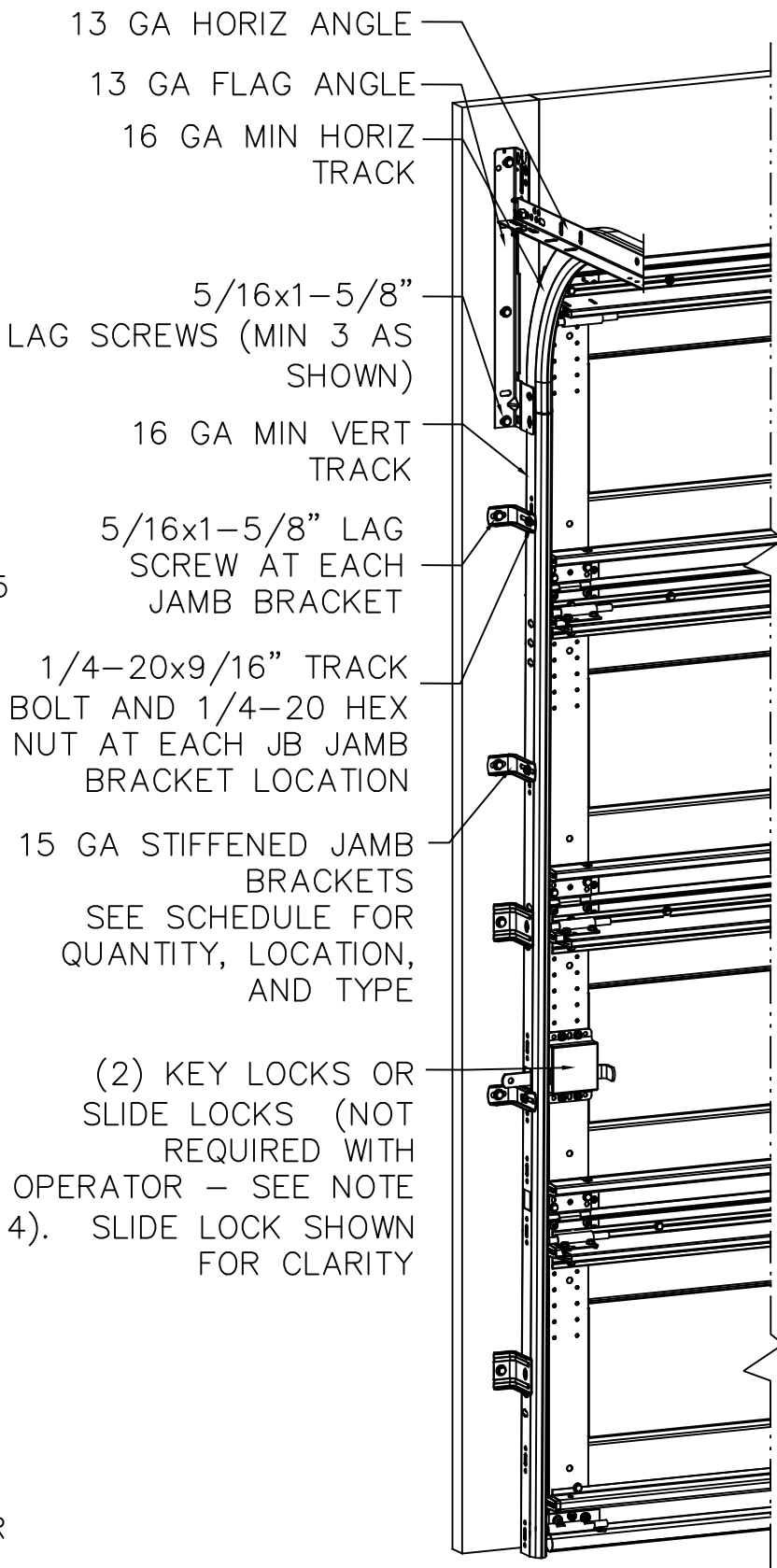


- NOTES:
- GLAZED LITE OPTIONS IN MOLDED FRAMES:
 - .090 SSB, .125 DSB ANNEALED & TEMPERED GLASS ALLOWED
 - SHORT LITES:
 - CLEAR OPENING SIZE:
MAX WD=15.72; MAX HT=12.72
 - (10) MIN QTY SCREWS #8X1
 - LONG LITES:
 - CLEAR OPENING SIZE:
MAX WD=39.92; MAX HT=12.72
 - (14) MIN QTY SCREWS #8X1
 - DECORATIVE 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.



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.

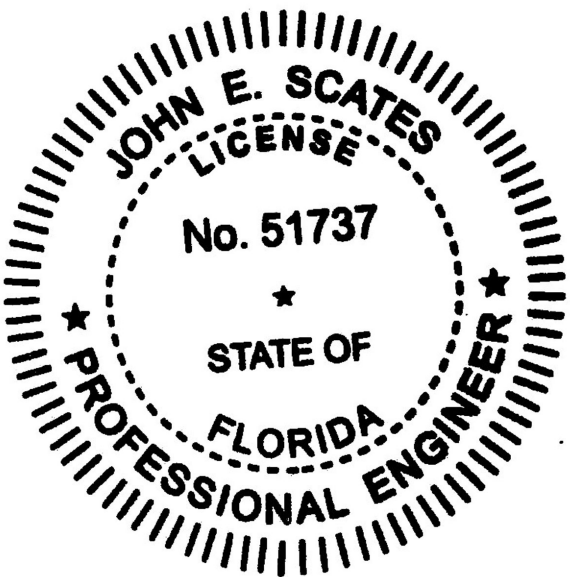
JAMB BRACKET SCHEDULE				
DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	TRACK TYPE	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
7'-0"	4	4	QI	13" (QI), 25-1/2" (JB), 45-1/4" (QI), 63" (JB)
7'-0"	4	4	FAT	10" (JB), 21-3/4" (JB), 42" (JB), 63-1/4" (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 ABOVE

- 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) +12.7/-14.4
16'-0"	ALL	+101.6/-115.2
14'-0"	ALL	+88.9/-100.8
12'-0"	ALL	+76.2/-86.4
14'-0"	ALL	+63.5/-72.0

Digitally signed by John E. Scates P.E.
Date: 2020.08.10 18:05:30 -05'00'



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

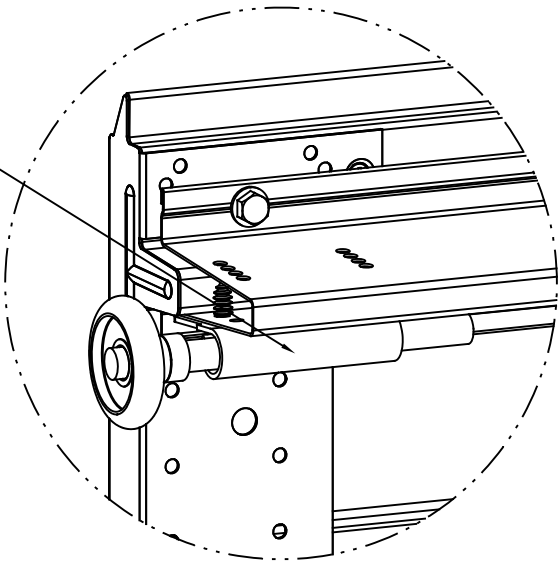
STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: C	
DESIGN (PSF):	+12.70/-14.40	MAX WIDTH:	16'-0"	DATE		NAME	
TEST (PSF):	+19.10/-21.60	MAX HEIGHT:	12'-0"	DRAWN	1/23/20	CSM	
IMPACT/CYCLIC RATED (YES/NO): NO		MAX SECTION HEIGHT: 24"		CHECKED			
MODELS 5120/9100/9405/9605/TS100/TS120				SHEET 1 OF 3			
				DRAWING PART NO.		REV.	
WINDLOAD SPECIFICATION OPTION CODE 0647				411633		A	

REVISIONS

PO NEW WL CODE.
PER NPD0053
CSM 1/23/20

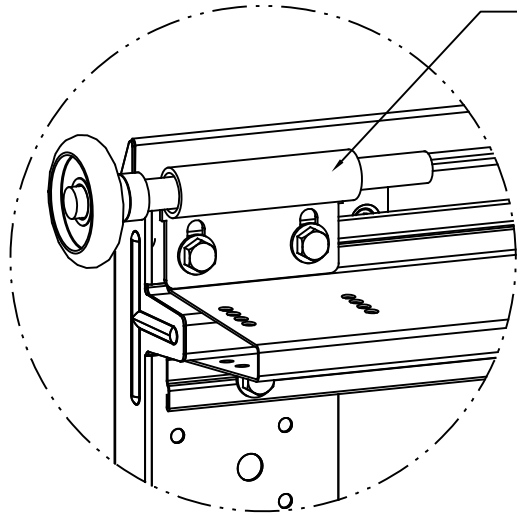
REV A: PER PCR
32421, ADD MDLS
TS100/TS120; BL
17JUL20

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



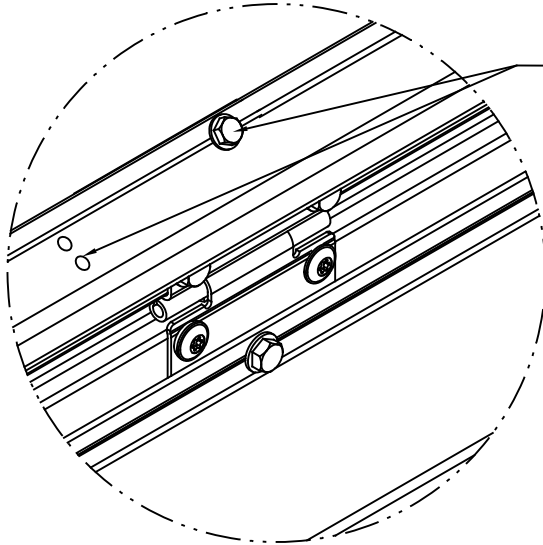
DETAIL A

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



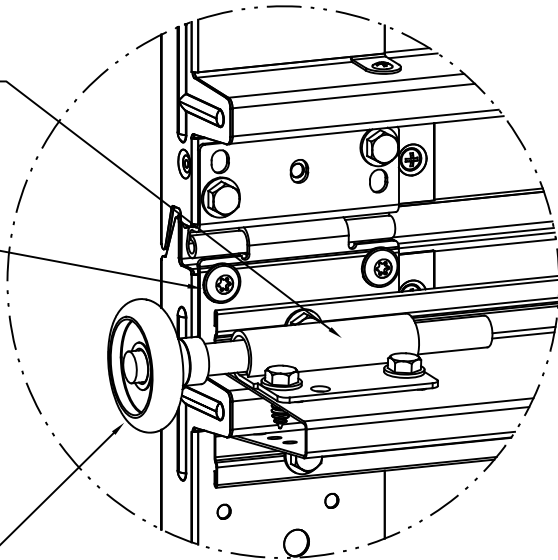
LOW HEADROOM TRACK
DETAIL A

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.



J-STRUT ATTACHMENT

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

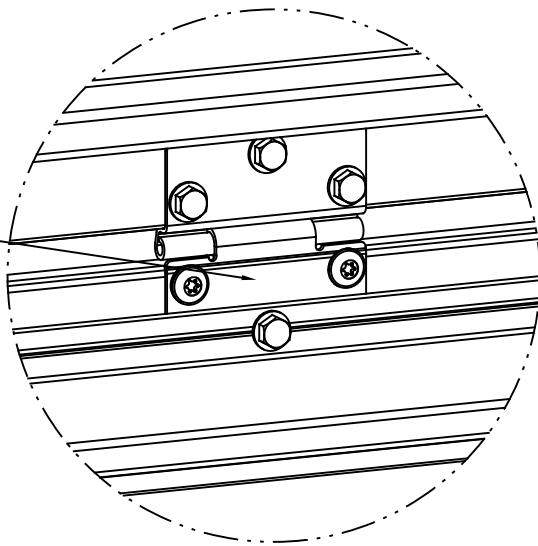


DETAIL B

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

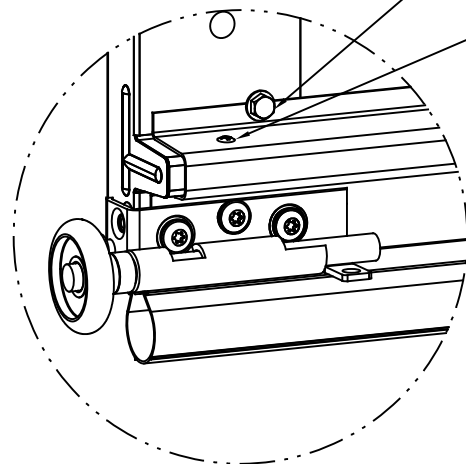
2" NYLON ROLLER,
SILENT GLIDE 4-1/2"
STEM. OPTIONAL -
10/11-BALL BEARING
ROLLER

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



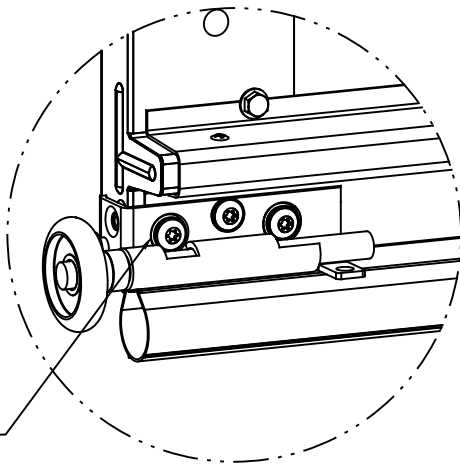
DETAIL C

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



DETAIL D

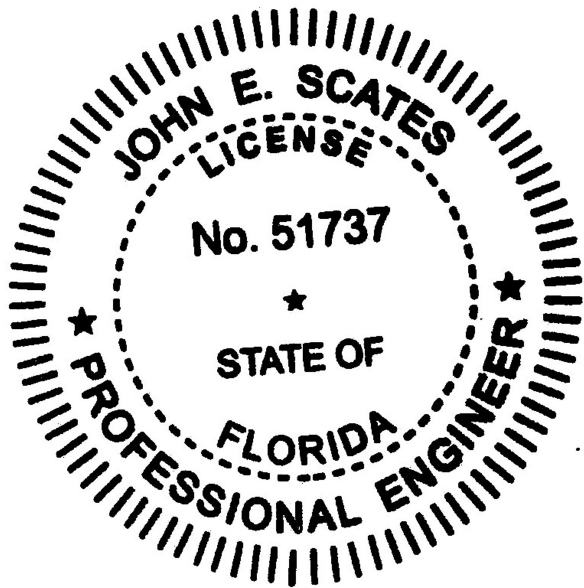
12 GA BOTTOM
BRACKET FACTORY
ATTACHED WITH
(3) CRIMPTITE
SCREWS



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
10'-0"	5	2	0	0	2	2	0	0	4	2	2	0	0	2	2	0	0
11'-0"	5	2	0	0	2	2	0	0	4	2	2	0	0	2	2	0	0
12'-0"	6	2	0	0	3	2	0	0	6	3	2	0	0	3	2	0	0
13'-0"	7	3	0	0	3	3	0	0	6	3	3	0	0	3	3	0	0
14'-0"	7	3	0	0	3	3	0	0	6	3	3	0	0	3	3	0	0
15'-0"	7	3	0	0	4	3	0	0	8	4	3	0	0	3	3	0	0
16'-0"	8	3	0	0	4	3	0	0	8	4	3	0	0	4	3	0	0



WayneDalton

GARAGE DOORS

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STATIC PRESSURE RATINGS

DESIGN (PSF): +12.70/-14.40

TEST (PSF): +19.10/-21.60

IMPACT/CYCLIC RATED (YES/NO): NO

APPROVED SIZES

MAX WIDTH: 16'-0"

MAX HEIGHT: 12'-0"

MAX SECTION HEIGHT: 24"

SCALE: N.T.S.

DATE

DRAWN

CHECKED

SIZE: C

NAME

CSM

MODELS 5120/9100/9405/9605/TS100/TS120

WINDLOAD SPECIFICATION OPTION CODE 0647

SHEET 2 OF 3

DRAWING PART NO. 411633

REV. 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).



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

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

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

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



3" STRUT OVER RIBS, 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 BOT SECTION:
OMIT CRIMPTITE SCREW BEHIND #1 ROLLER SLIDE AT EACH END.

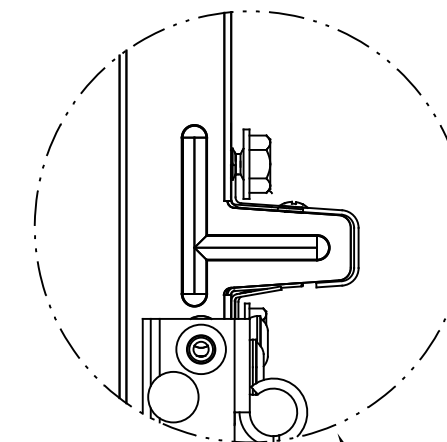
STRUTS & J-STRUTS
INSTALLED OVER INTEGRAL
RIBS

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 SECURE WITH (2) CRIMPTITE SCREWS, UPPER
 & LOWER.

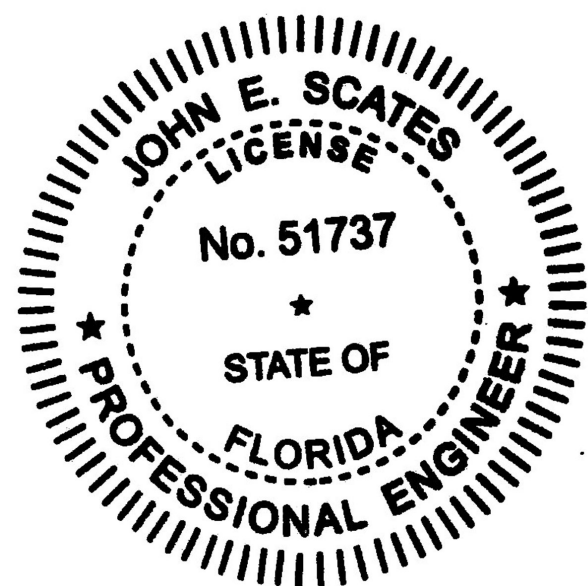
FASTENER NOTES:

1. 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
2. FOR DW <= 12', USE 4 LESS CRIMPTITE SCREWS /STRUT
3. "CRIMPTITE SCREW" = SCREW, 1/4-14 X 7/8" SELF-DRILLING, CRIMPTITE
4. 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



STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: C	
DESIGN (PSF): +12.70/-14.40		MAX WIDTH: 16'-0"		DATE		NAME	
TEST (PSF): +19.10/-21.60		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			
WINDLOAD SPECIFICATION OPTION CODE 0647				DRAWING PART NO. 411633		REV. A	