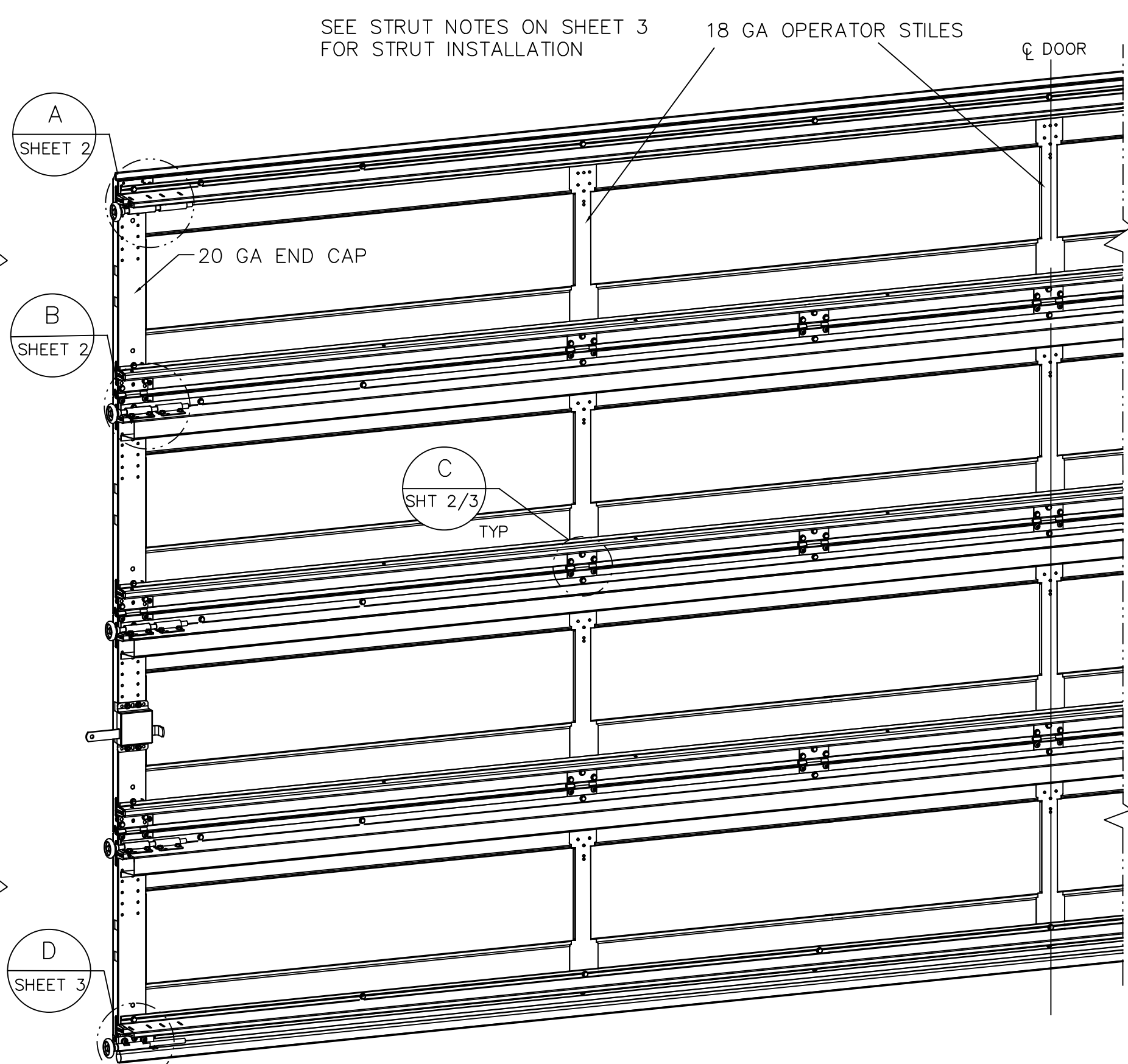
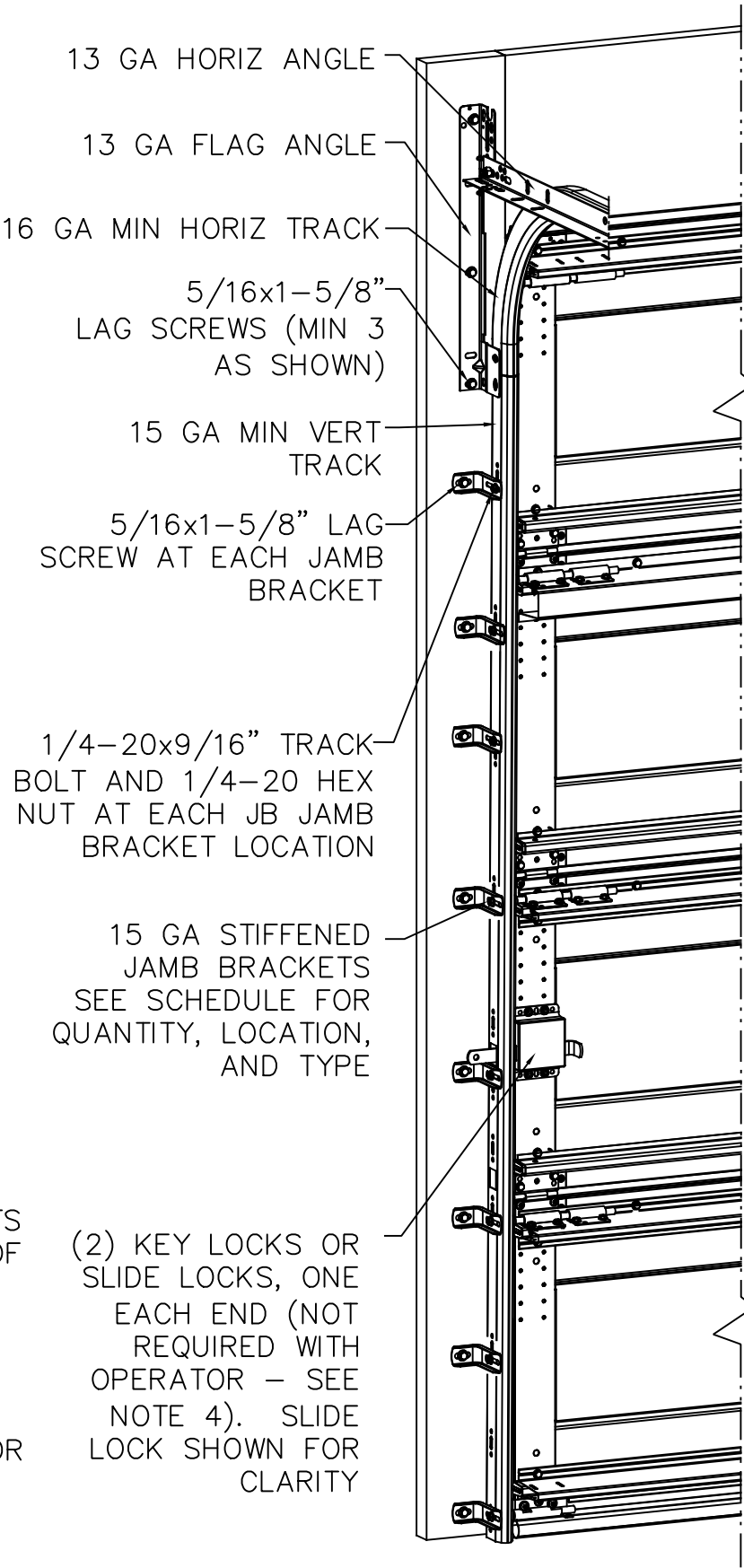


- NOTES:
- NON-IMPACT GLAZED LITE OPTIONS IN MOLDED FRAMES:
 - .125 DSB ANNEALED GLAZING. TEMPERED GLASS ALLOWED.
 - SHORT LITES: CLEAR OPENING SIZE: MAX WD=15.72; MAX HT=12.72
 - (10) MIN QTY SCREWS #8X1
 - LONG LITES: CLEAR OPENING SIZE: MAX WD=40.00; MAX HT=12.75
 - (14) MIN QTY SCREWS #8X1
 - DECORATIVE TRIM INSERTS ALLOWED.
 - (1) GLAZED SECTION ALLOWED IN 3RD SECTION OR HIGHER
 - IMPACT RESISTANT GLAZED LITE OPTION:
 - .250 THK MAKROLON AR POLYCARBONATE OR 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 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.

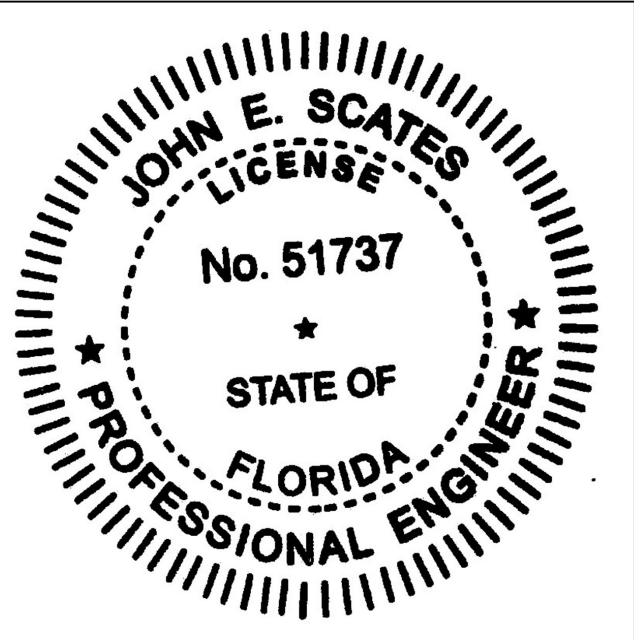


NOTE: (4) SECTION SOLID DOOR SHOWN. SEE SHEET 2 TABLE FOR QUANTITIES: STAMPS, LITES, HINGES & OPERATOR STILES. SEE SHEET 3 FOR STRUT QUANTITY & LOCATIONS. SEE NOTES 1 & 2 ON THIS SHEET FOR GLAZING OPTIONS.

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)
18'-0"	ALL	+255/-254
17'-0"	ALL	+213/-240

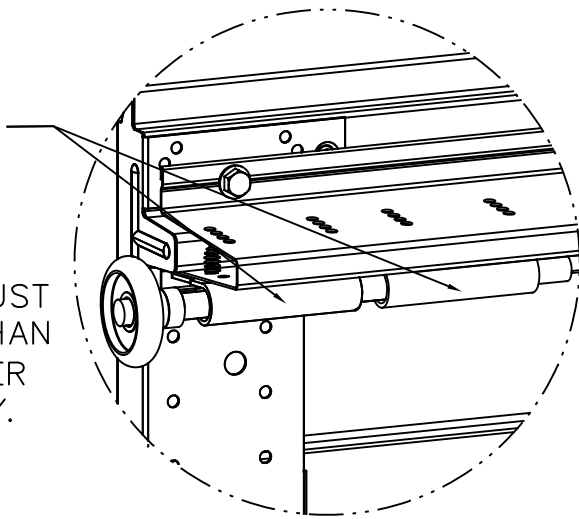
JOHN E. SCATES, PE
2560 KING ARTHUR BLVD #124
LEWISVILLE, TX 75056
FL PE 51737
TX PE 56308 / F2203
PROFESSIONAL ENGINEER SEAL PROVIDED
ONLY FOR VERIFICATION OF WINDLOAD
CONSTRUCTION DETAILS.

Digitally signed by John E. Scates P.E.
Date: 2020.08.10 17:45:14 -05'00'

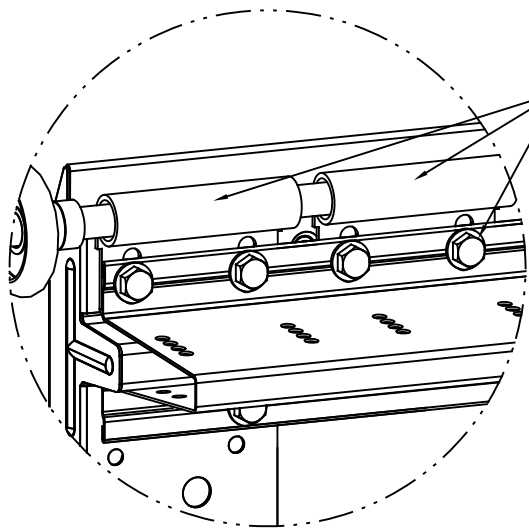


STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: C
DESIGN (PSF):	+25.0/-28.2	MAX WIDTH:	18'-0"	DATE		NAME
TEST (PSF):	+37.5/-42.3	MAX HEIGHT:	12'-0"	DRAWN	4/1/20	sw
IMPACT/CYCLIC RATED (YES/NO):	YES	MAX SECTION HEIGHT:	24"	CHECKED		
MODELS 5120/9100/9405/9605/TS100/TS120				SHEET 1 OF 3		
WINDLOAD SPECIFICATION OPTION CODE 0657				DRAWING PART NO.		REV.
				411643		-

(2) 13 GA
ADJUSTABLE TOP
FIXTURE ATTACHED
UNDER STRUT WITH
(4) CRIMPTITE
SCREWS. SLIDES MUST
BE NO GREATER THAN
1/4" APART. ROLLER
MUST MOVE FREELY.

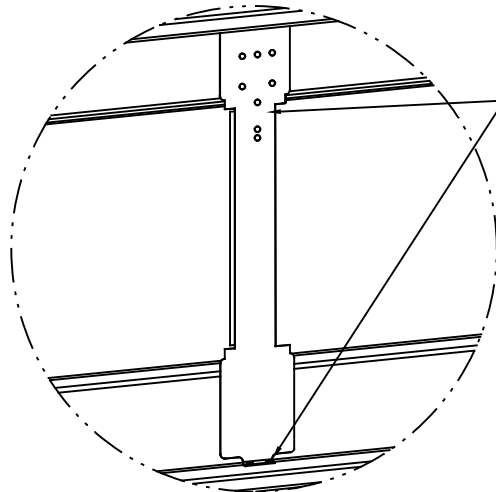


DETAIL A



LOW HEADROOM TRACK
DETAIL A

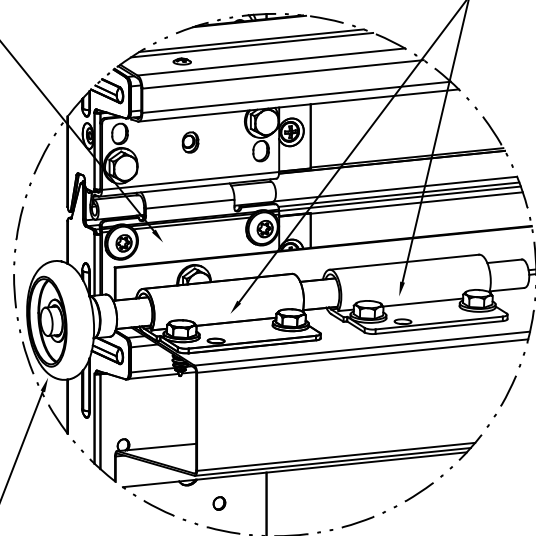
(2) 13 GA ADJUSTABLE TOP FIXTURE INSERTED
UNDER STRUT SECURED INTO END CAP & TOP
RAIL WITH (4) CRIMPTITE SCREWS. SLIDES
MUST BE NO GREATER THAN 1/4" APART.
ROLLER MUST MOVE FREELY.



OPERATOR STILE
ATTACHMENT

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

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

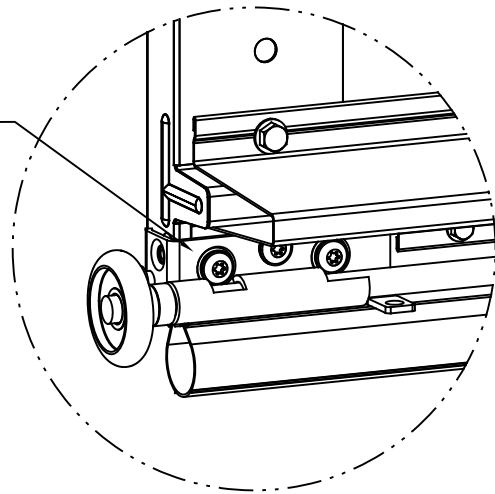


DETAIL B

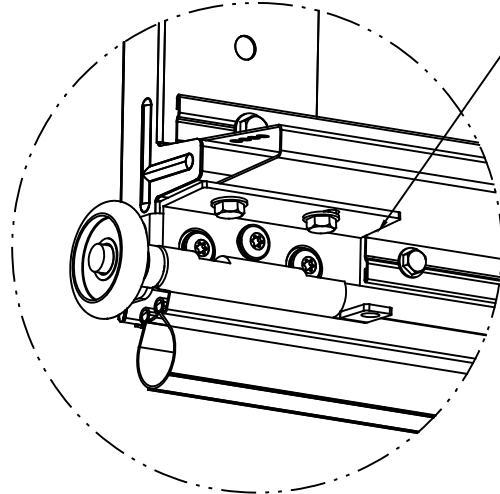
(2) 13 GA ROLLER SLIDES
ALIGNED & ATTACHED ON TOP
OF STRUT WITH (4) CRIMPTITE
SCREWS. SLIDES MUST BE NO
GREATER THAN 1/4" APART.
ROLLER MUST MOVE FREELY.

2" 10-BALL STEEL
ROLLER, 1144 HS 9"
STEM. OPTIONAL -
11-BALL BEARING
NYLON ROLLER

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

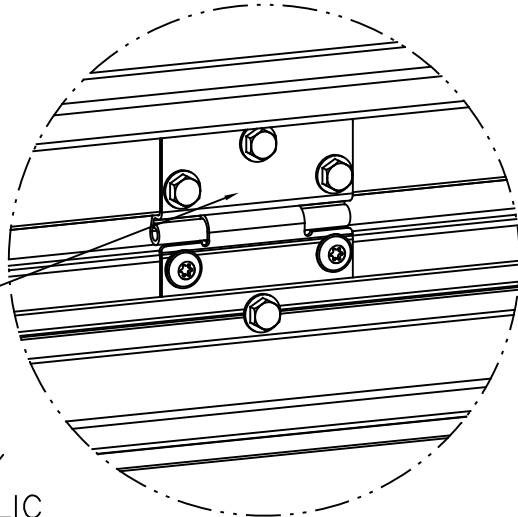


DETAIL D



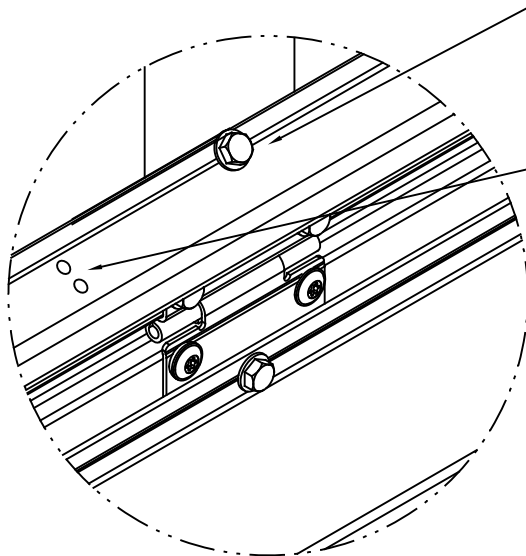
DETAIL D
IMPACT BOTTOM BRACKET

HINGE FACTORY
ATTACHED WITH (4)
CRIMPTITE SCREWS (6
SCREWS TOTAL):
18 GA - STATIC ONLY
15 GA - IMPACT/CYCLIC



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

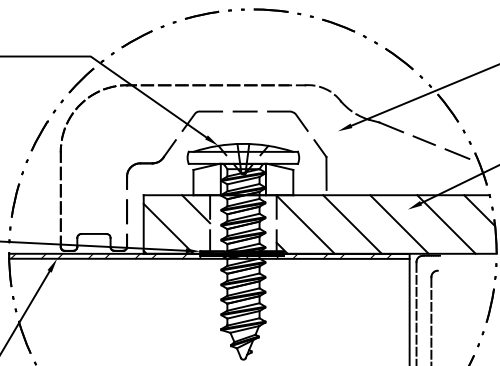
	SECTION QUANTITIES																
	CRP / FLUSH				RANCH				SONOMA					SONOMA RANCH			
DOOR WIDTH	STAMPS / SHORT LITES	CTR HNG	OP STILES: SOLID	OP STILES: GLAZED	STAMPS / LONG LITES	CTR HNG	OP STILES: SOLID	OP STILES: GLAZED	STAMPS / SHORT LITES	LONG LITES	CTR HNG	OP STILES: SOLID	OP STILES: GLAZED	STAMPS / LONG LITES	CTR HNG	OP STILES: SOLID	OP STILES: GLAZED
17'0"	8	5	3	3	4	5	3	3	8	4	5	3	3	4	5	3	3
18'0"	8	5	3	3	4	5	3	3	8	4	5	3	3	4	5	3	3

#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

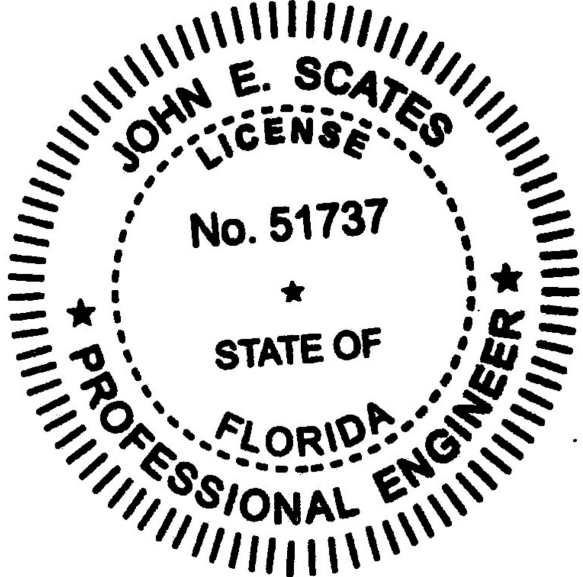
FACER
STEEL

NON-STRUCTURAL
DECORATIVE INNER
WINDOW TRIM



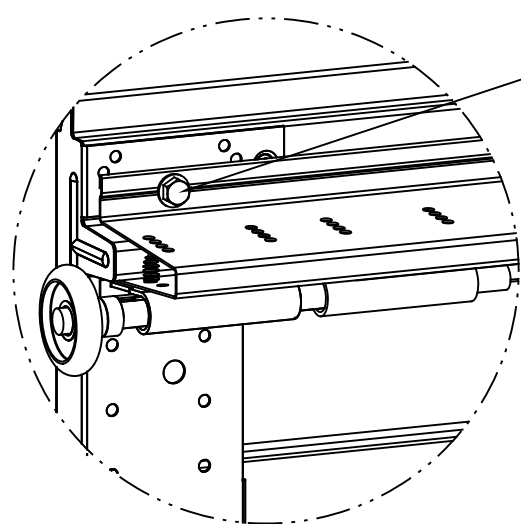
DETAIL E

NON-STRUCTURAL
DECORATIVE OUTER
WINDOW TRIM
1/4" POLYCARBONATE



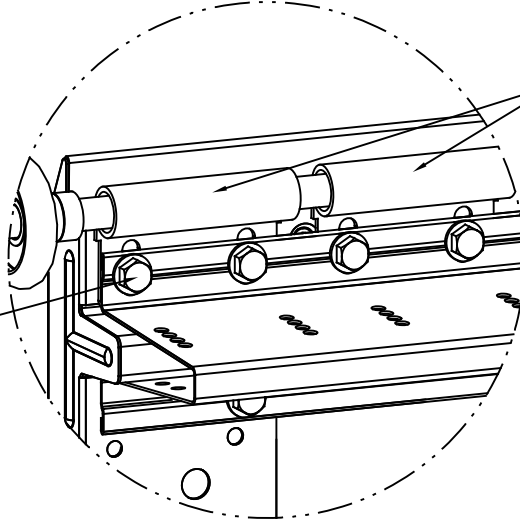
Wayne Dalton
GARAGE DOORS™
A DIVISION OF OVERHEAD DOOR CORP
3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
(850) 474-9890

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: C	
DESIGN (PSF):	+25.0/-28.2	MAX WIDTH:	18'-0"	DATE		NAME	
TEST (PSF):	+37.5/-42.3	MAX HEIGHT:	12'-0"	DRAWN	4/1/20	SW	
IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 24"		CHECKED			
MODELS 5120/9100/9405/9605/TS100/TS120				SHEET 2 OF 3			
WINDLOAD SPECIFICATION OPTION CODE 0657				DRAWING PART NO.		REV.	
				411643		—	



DETAIL A

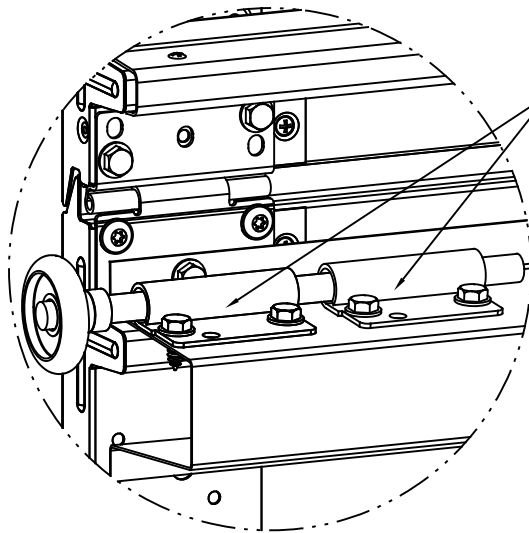
3" STRUT OVER RIB, TOP FIXTURES:
ENDS: PRIOR TO ASSEMBLY OF J-STRUT, INSTALL REINFORCED ENDCAP BRACKET – SEE NOTE 12, SHT 1. THEN SECURE WITH CRIMPTITE SCREWS THROUGH STRUT FLANGES INTO END CAPS AT EACH END:
(2) FOR STD LIFT TRACK
(5) FOR LHR TRACK (4 THRU TF BRKTS)
8" APPX. FROM ENDS: SECURE STRUTS USING (1) CRIMPTITE SCREW, UPPER LEG. (NOT REQUIRED WITH LHR ROLLER SLIDES)



LOW HEADROOM TRACK
DETAIL A

3" STRUT OVER RIB, TOP FIXTURES
ENDS: BEFORE INSTALLING CRIMPTITE SCREWS INTO STRUT ON TOP SECTION ENDS, INSERT TOP FIXTURES UNDER STRUT FLANGE – SEE SHEET 2. SECURE WITH (4) CRIMPTITE SCREWS INTO END CAP & TOP RAIL. ROLLER MUST MOVE FREELY.

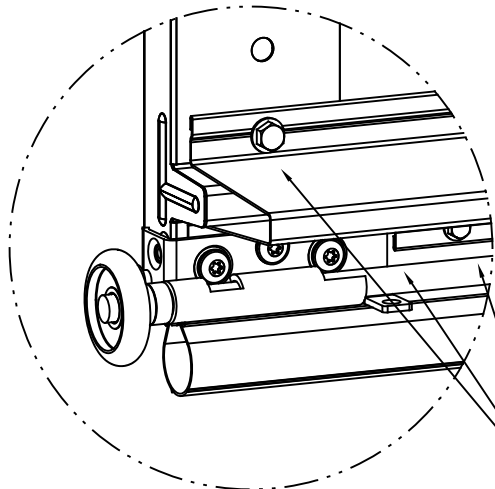
(6) SECTION DOORS:
(5) 4"x16 GA STRUT
(2) 3"x18 GA 80 KSI U-BARS
(5) J-STRUT, 18 GA



DETAIL B

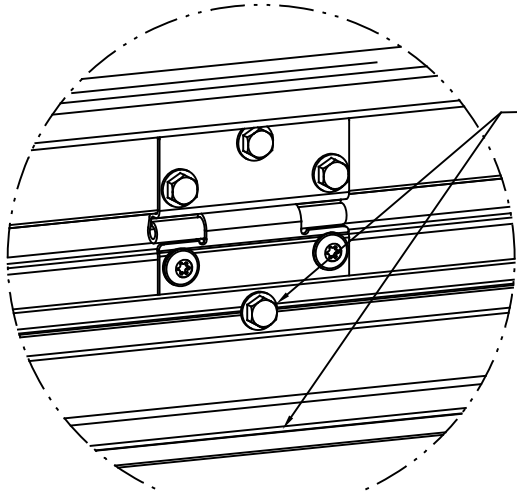
4" STRUT OVER RIBS, JOINTS:
ENDS: PRIOR TO ASSEMBLY OF J-STRUT, INSTALL REINFORCED ENDCAP BRACKET – SEE NOTE 12, SHT 1. THEN SECURE STRUTS WITH (2) CRIMPTITE SCREWS THROUGH STRUT FLANGES INTO END CAPS AT EACH END.
[NOTE: SECURE STRUTS PRIOR TO INSTALLING ROLLER SLIDES.]
8" APPX. FROM ENDS: SECURE STRUTS USING (1) CRIMPTITE SCREW (UPPER).
TOP OF BOTTOM SECTION: OMIT CRIMPTITE SCREW BEHIND #1 ROLLER SLIDES, EACH END.

(5) SECTION DOORS:
(4) 4"x16 GA STRUT
(2) 3"x18 GA 80 KSI U-BARS
(4) J-STRUT, 18 GA



DETAIL D

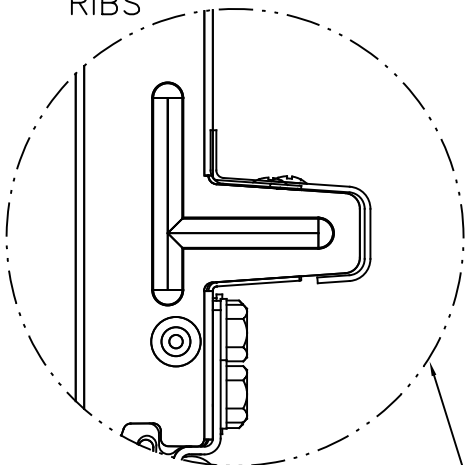
STRUT OVER RIB – ENDS:
BOTTOM BRACKET: NOTCH STRUT TO CLEAR BOTTOM BRACKET SECURE WITH (2) CRIMPTITE SCREWS IN STRUT FLANGES.



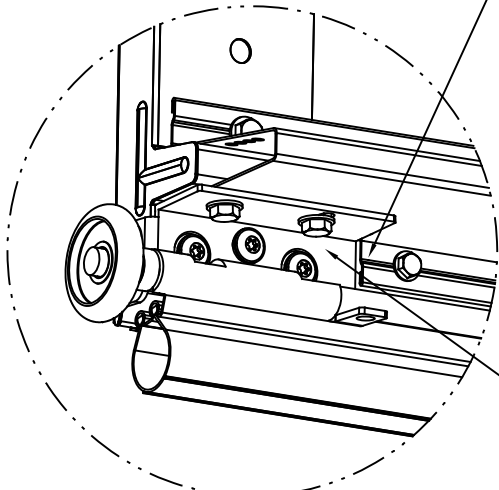
DETAIL C

3" & 4" STRUTS OVER RIB – BETWEEN ENDS:
CENTER HINGES: SECURE WITH (2) CRIMPTITE SCREWS IN STRUT FLANGES AT EACH CENTER HINGE
BETWEEN END & FIRST CENTER HINGE, BOTH ENDS: SECURE 3" U-BAR: (2) CRIMPTITE SCREWS, UPPER & LOWER LEGS
4" STRUT: (1) CRIMPTITE SCREW ON UPPER LEG

STRUTS & J-STRUTS
INSTALLED OVER INTEGRAL
RIBS

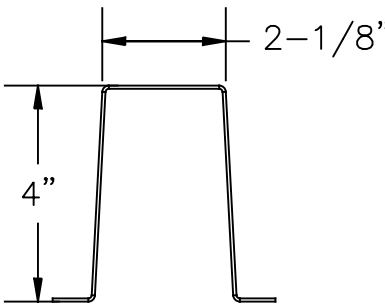


ALL INTEGRAL RIBS WITH
NO 3" OR 4" STRUTS
MUST HAVE A J-STRUT

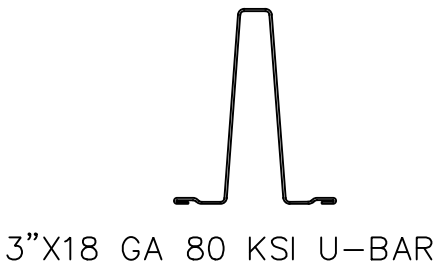


DETAIL D
IMPACT BOTTOM BRACKET

SECURE IMPACT BOTTOM
BRACKET FLANGE TO
STRUT WITH (2) CRIMPTITE
SCREWS



4"x16 GA 80 KSI STRUT



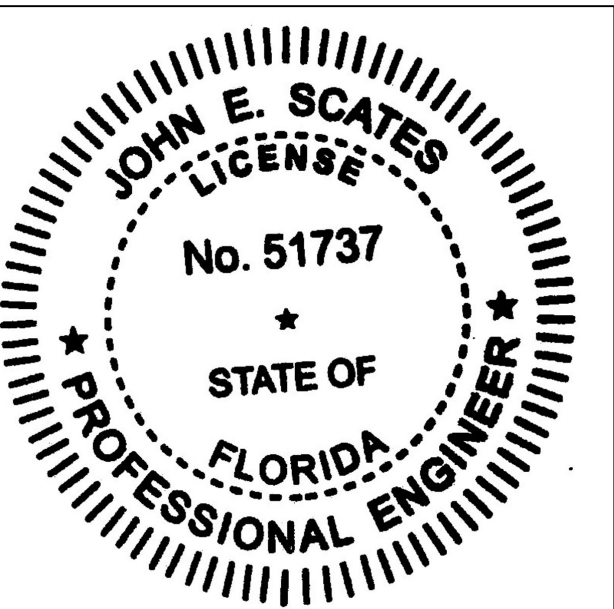
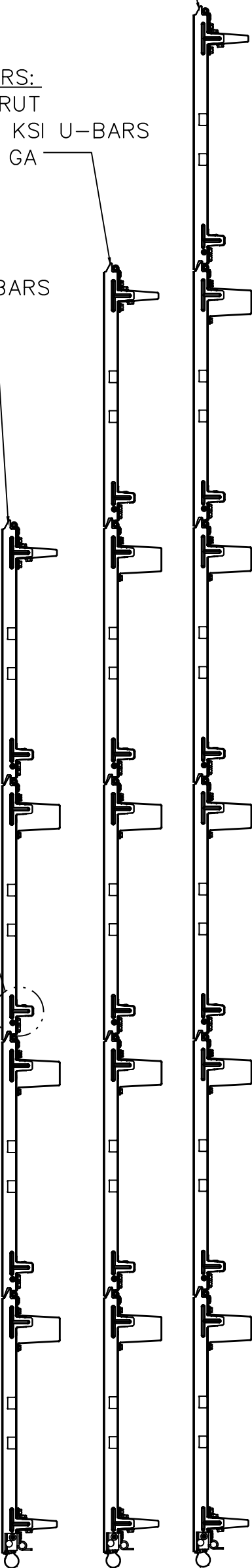
3"x18 GA 80 KSI U-BAR



J-STRUT, 18 GA 33 KSI

FASTENER NOTES:

- STRUT SCREW TOTALS
TOP SECTION (SL) = 20
TOP SECTION (LHR) = 22
INT SECTION = 16
LOK SECTION = 16
BOT SECTION (UPPER) = 14
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
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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: C	
DESIGN (PSF):	+25.0/-28.2	MAX WIDTH:	18'-0"	DATE		NAME	
TEST (PSF):	+37.5/-42.3	MAX HEIGHT:	12'-0"	DRAWN	4/1/20	SW	
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. 411643		REV. —	
WINDLOAD SPECIFICATION OPTION CODE 0657							