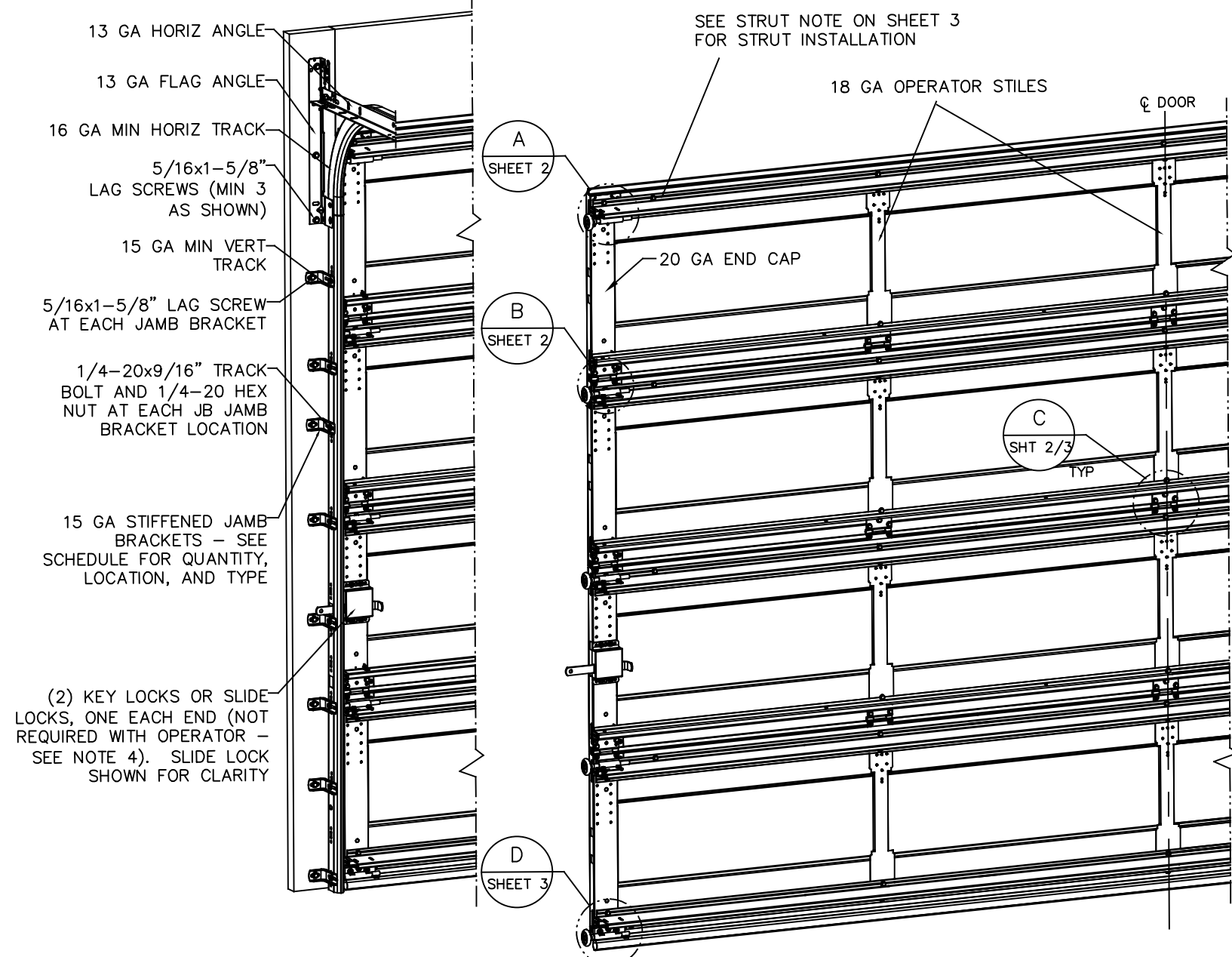


NOTES:

- IMPACT RESISTANT GLAZED LITE OPTION (DETAIL E):
 - .250 THK MAKROLON AR POLYCARBONATE OR EQUIVALENT.
 - CLEAR OPENING SIZE: MAX WD=40.63; MAX HT=13.25
 - SCREWS ARE ONLY INTENDED TO HOLD LITE IN PLACE WHILE 1/4" BEAD GE ULTRAGLAZE SSG4000AC STRUCTURAL SEALANT OR EQUIVALENT SETS.
 - 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 (DETAIL F) - .040" MINIMUM LOUVERS IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (12) #8x5/8" SCREWS INSTALLED IN THE BOTTOM SECTION ((3) ALONG EACH HORIZONTAL LEG AND (3) ALONG EACH VERTICAL LEG) WITH LOUVER OPENING BEING 18 1/8" X 11 1/4". 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.
- COMPLIES WITH THE REQUIREMENTS OF IBC/IRC 2018.



13 GA HORIZ ANGLE
 13 GA FLAG ANGLE
 16 GA MIN HORIZ TRACK
 5/16x1-5/8" LAG SCREWS (MIN 3 AS SHOWN)
 15 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

SEE STRUT NOTE ON SHEET 3 FOR STRUT INSTALLATION

REVISIONS
PO NEW WL CODE. PER NPD0053 SW 3/30/20
REV A: PER PCR 32421, ADD MDLS TS100/TS120; BL 17JUL20
REV B: PER PCR 32486, ADD NOTE 12: IBC/IRC REGS BL 23SEP20
REV C: ADDED GLAZING VIEWS TLC 5/20/21

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.

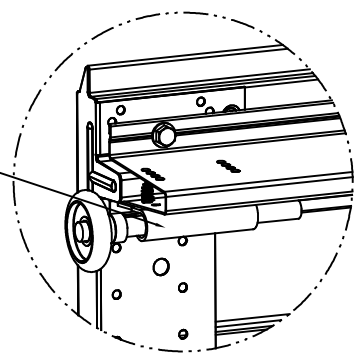
SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE		
MAX DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF) +46/-52
9'-0"	ALL	+207/-234
8'-0"	ALL	+184/-208

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.

Wayne Dalton
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 PENSACOLA, FLORIDA 32514
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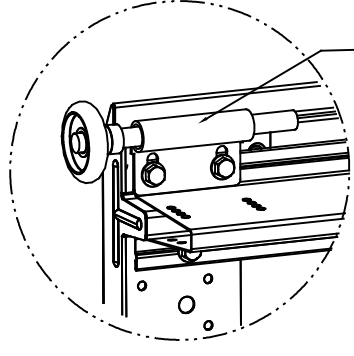
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TEST (PSF):	+69.00/-78.00	MAX HEIGHT:	12'-0"	DRAWN	SW
IMPACT/CYCLIC RATED (YES/NO):	YES	MAX SECTION HEIGHT:	24"	CHECKED	TC
MODELS 5120/9100/9405/9605/TS100/TS120				SHEET 1 OF 3	
WINDLOAD SPECIFICATION OPTION CODE 0646				DRAWING PART NO.	REV.
				411632	C

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



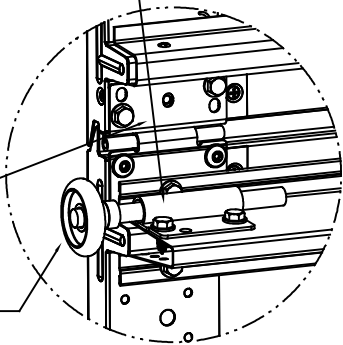
DETAIL A

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

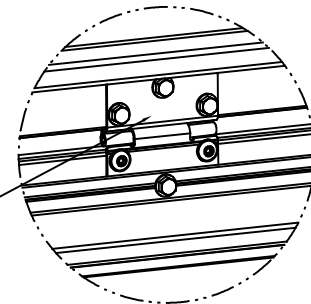


DETAIL B

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

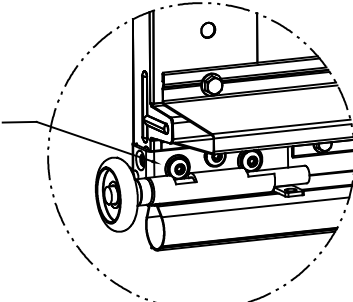
2" NYLON ROLLER, STORMGARD 5" STEM. OPTIONAL - 10/11-BALL BEARING ROLLER

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



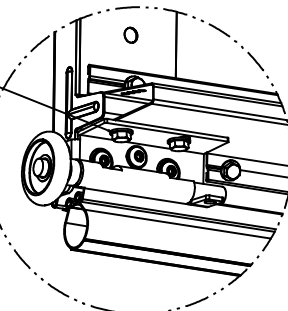
DETAIL C

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



DETAIL D

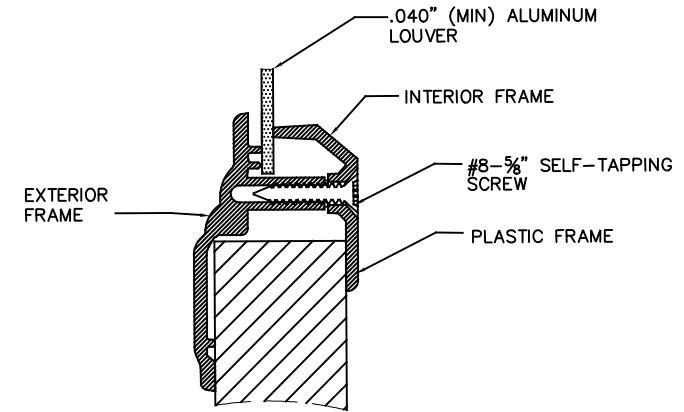
12 GA IMPACT BOTTOM BRACKET FACTORY ATTACHED (3) CRIMPTITE SCREWS TOTAL. SECURE BB FLANGE TO STRUT WITH (2) CRIMPTITE SCREWS



DETAIL D
IMPACT BOTTOM BRACKET

J-STRUT ATTACHMENT

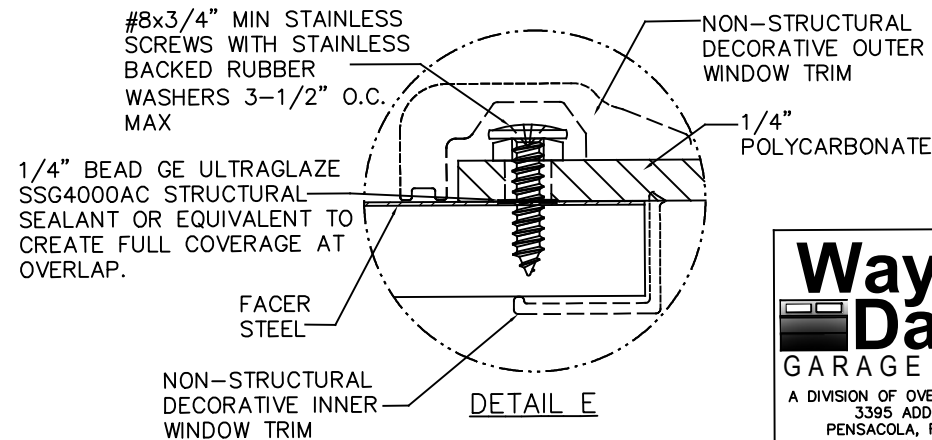
J-STRUT OVER RIB ENDS:
ENDS: SECURE WITH (1) CRIMPTITE SCREW THRU J-STRUT FLANGE LEG INTO ENDCAP EACH END.
J-STRUT OVER RIB-OPERATOR STILE:
SECURE WITH (1) CRIMPTITE SCREW THROUGH J-STRUT FLANGE INTO OPERATOR STILE
LENGTH OF J-STRUT:
SECURE WITH (2) #8 PIERCING SCREWS FROM J-STRUT LEG INTO RIB IN PRE-DRILLED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



NON-IMPACT LOUVER
(STATIC RATED)
DETAIL F

SECTION QUANTITIES

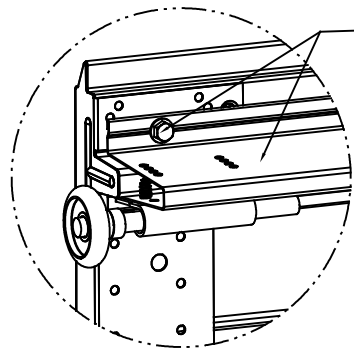
DOOR WIDTH	CRP / FLUSH				RANCH				SONOMA				SONOMA RANCH				
	STAMPS / SHORT LITES	CTR HNG	OP STILES: SOLID	OP STILES: GLAZED	STAMPS / LONG LITES	CTR HNG	OP STILES: SOLID	OP STILES: GLAZED	STAMPS / SHORT LITES	LONG LITES	CTR HNG	OP STILES: SOLID	OP STILES: GLAZED	STAMPS / LONG LITES	CTR HNG	OP STILES: 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



DETAIL E

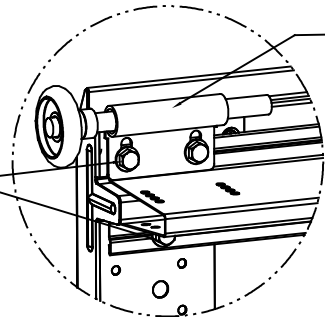
Wayne Dalton
GARAGE DOORS
A DIVISION OF OVERHEAD DOOR CORP
3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
(850) 474-9890

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: C	
DESIGN (PSF):	+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	5/19/21 TC		
MODELS 5120/9100/9405/9605/TS100/TS120				SHEET 2 OF 3			
WINDLOAD SPECIFICATION OPTION CODE 0646				DRAWING PART NO.		REV.	
				411632		C	



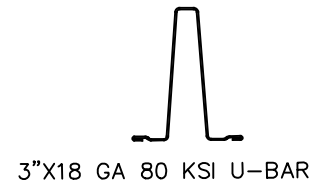
DETAIL A

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).

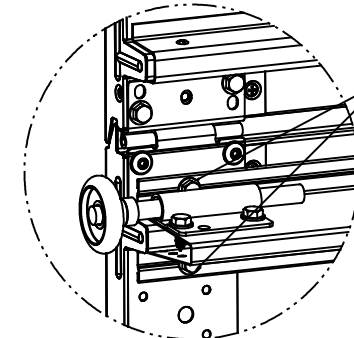


LOW HEADROOM TRACK
 DETAIL A

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

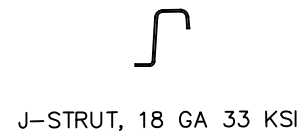


(6) SECTION DOORS:
 (7) 3"x18 GA 80 KSI U-BARS
 (5) J-STRUT, 18 GA



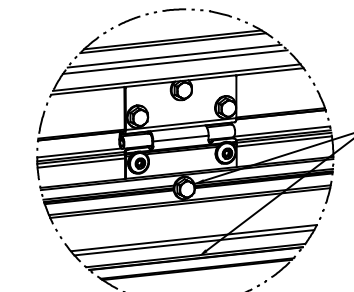
DETAIL B

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.



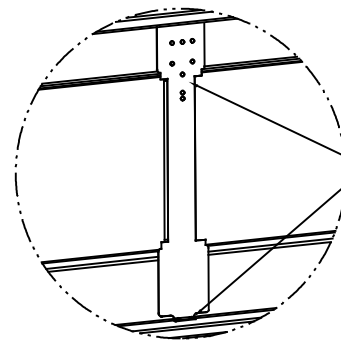
(5) SECTION DOORS:
 (6) 3"x18 GA 80 KSI U-BARS
 (4) J-STRUT, 18 GA

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



DETAIL C

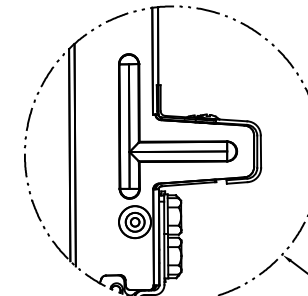
3" STRUT OVER RIB—BETWEEN ENDS:
 CENTER HINGE: SECURE WITH (2) CRIMPTITE SCREWS IN STRUT FLANGES AT EACH CENTER HINGE
 BETWEEN END & FIRST CENTER HINGE, BOTH ENDS: SECURE STRUT WITH (2) CRIMPTITE SCREWS, UPPER & LOWER LEGS



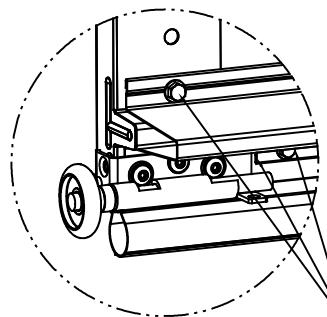
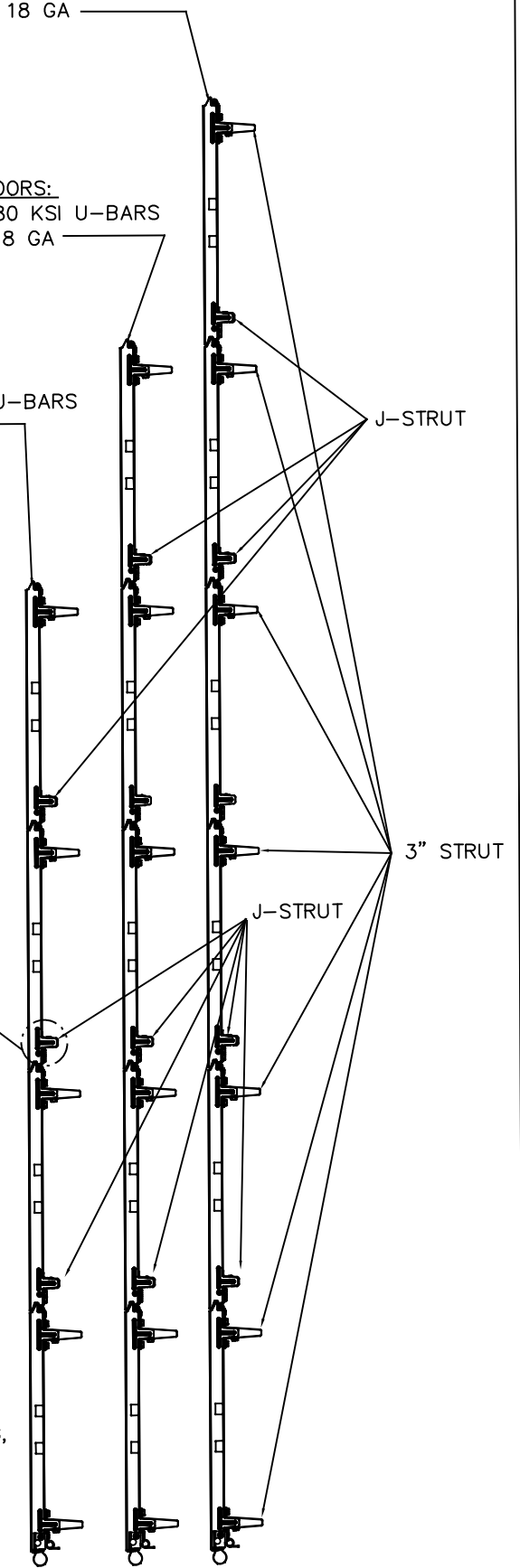
OPERATOR STILE ATTACHMENT

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

STRUT & J-STRUTS INSTALLED OVER INTEGRAL RIBS

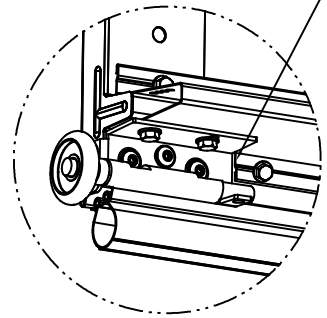


ALL INTEGRAL RIBS WITH NO 3" STRUTS MUST HAVE A J-STRUT



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

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