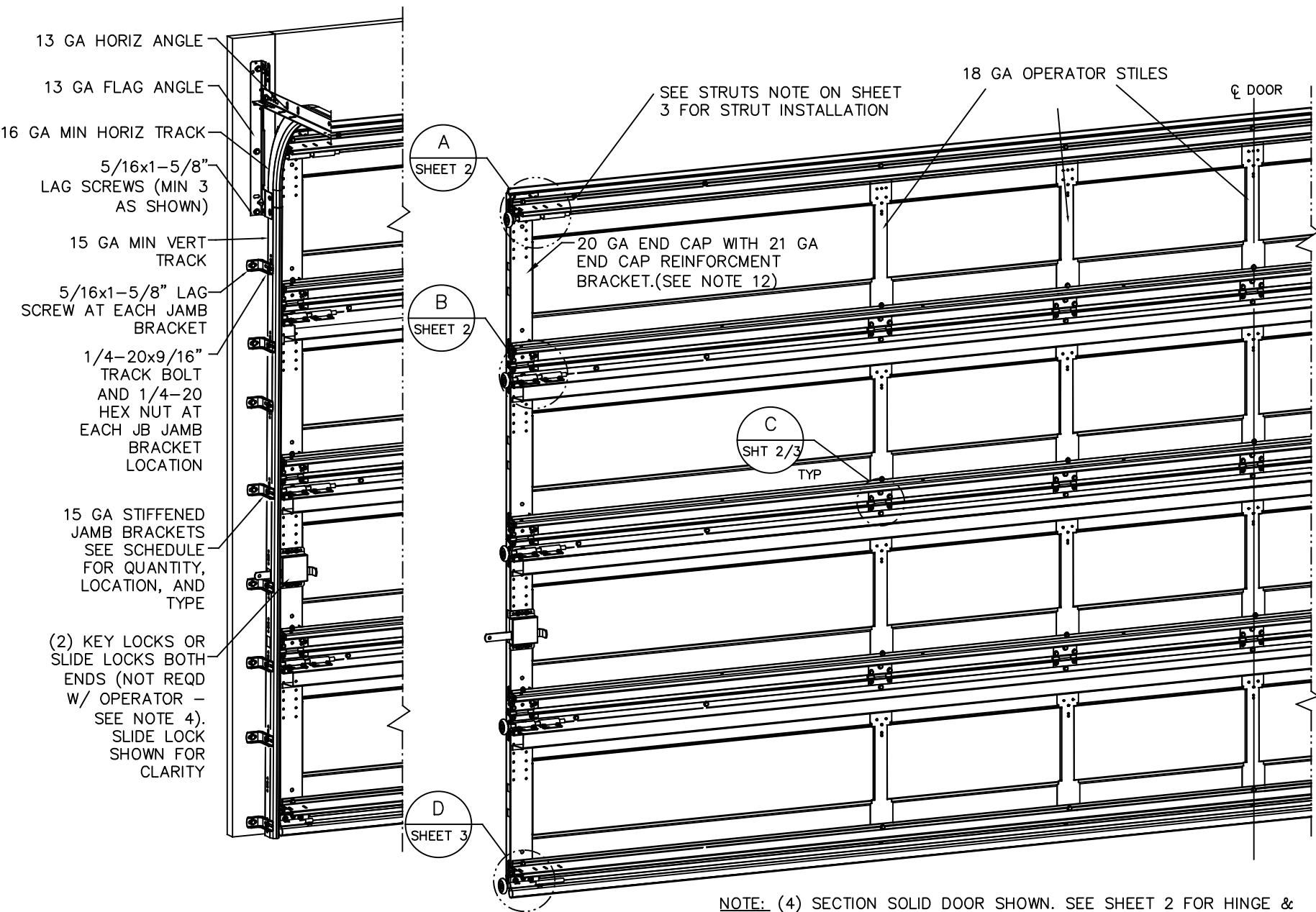


- NOTES:**
- NON-IMPACT GLAZED LITE OPTIONS IN MOLDED FRAMES (DETAIL F):
 - .125 DSB ANNEALED GLAZING. TEMPERED GLASS ALLOWED.
 - SHORT LITES:
 - CLEAR OPENING SIZE: MAX WD=15.72; MAX HT=12.72
 - (10) MIN QTY SCREWS #8X1-(3) ALONG EACH HORIZONTAL LEG AND (2) ALONG EACH VERTICAL LEG.
 - LONG LITES:
 - CLEAR OPENING SIZE: MAX WD=40.00; MAX HT=12.75
 - (14) MIN QTY SCREWS #8X1-(5) ALONG EACH HORIZONTAL LEG AND (2) ALONG EACH VERTICAL LEG.
 - WITH OR WITHOUT DECORATIVE INSERTS
 - GLAZING ALLOWED IN 3RD SECTION OR HIGHER
 - IMPACT RESISTANT GLAZED LITE OPTIONS (DETAIL E):
 - .250 THK MAKROLON AR POLYCARBONATE OR EQUIV.
 - 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 ULTRAGLZE SSG4000AC STRUCTURAL SEALANT OR EQUIVALENT SETS.
 - OUTSIDE & INSIDE FRAMES ARE DECORATIVE ONLY.
 - DECORATIVE TRIM INSERTS ALLOWED.
 - GLAZING 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 G) - .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.
 - 21 GA REINFORCED ENDCAP BRACKET TO BE PLACED ON THE FACTORY INSTALLED ENDCAPS PRIOR TO ATTACHMENT OF STRUTS.
 - COMPLIES WITH THE REQUIREMENTS OF IBC/IRC 2018.



NOTE: (4) SECTION SOLID DOOR SHOWN. SEE SHEET 2 FOR HINGE & OPERATOR STILE QUANTITIES. 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	

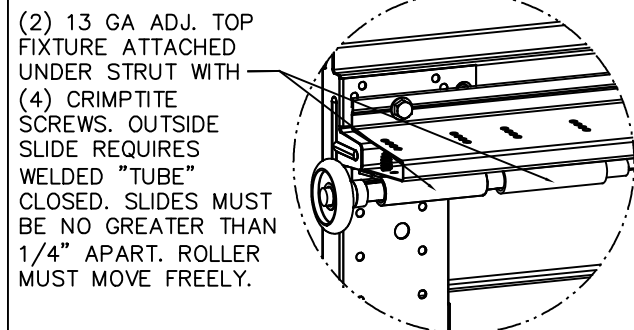
- TRACK NOTES:**
- (JB) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT.
 - ALL DOORS WITH HIGH LIFT, ROOF PITCH, AND/OR GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SUPPLEMENT TRACK CHART FOR DETAILS.

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE		
MAX DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF) +32.6/-36.9
16'-0"	ALL	+260.8/-295.2
14'-0"	ALL	+228.2/-258.3
12'-0"	ALL	+195.8/-221.4
10'-0"	ALL	+163.0/-184.5

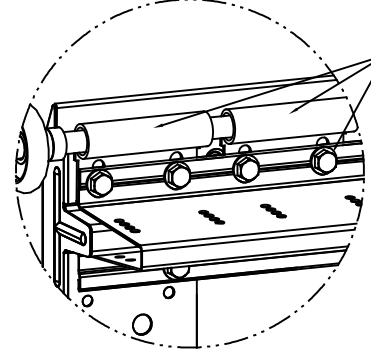
JOHN E. SCATES, PE
2560 KING ARTHUR BLVD #124
LEWISVILLE, TX 75056
FL PE 51737
TX PE 56308 / F2203
PROFESSIONAL ENGINEER SEAL PROVIDED ONLY FOR VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.

REVISIONS
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

<p>Wayne Dalton GARAGE DOORS A DIVISION OF OVERHEAD DOOR CORP 3395 ADDISON DRIVE PENSACOLA, FLORIDA 32514 (850) 474-9890</p>	STATIC PRESSURE RATINGS	APPROVED SIZES	SCALE: N.T.S.	SIZE: C
	DESIGN (PSF): +32.60/-36.90	MAX WIDTH: 16'-0"	DATE	NAME
	TEST (PSF): +48.90/-55.40	MAX HEIGHT: 12'-0"	DRAWN	CSM
	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 0653			DRAWING PART NO.	REV.
			411639	C

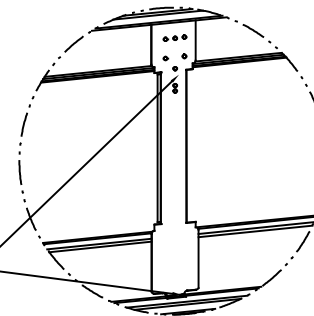


DETAIL A



LOW HEADROOM TRACK
DETAIL A

(2) 13 GA ADJ. TOP FIXTURE INSERTED UNDER STRUT SECURED INTO END CAP & TOP RAIL WITH (4) CRIMPTITE SCREWS. OUTSIDE SLIDE REQUIRES WELDED "TUBE" CLOSED. 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 STALLED) OR (2) CRIMPTITE SCREWS, ONE EACH END OF STILE.

1/8" BEAD OF BOSTICK 1100 OR EQUIVALENT

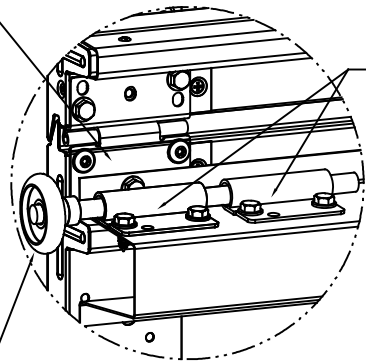
MOLDED FRAME

NON-IMPACT PLASTIC FRAME
(STATIC RATED)
DETAIL F

.090" ANNEALED SSB GLASS (MIN)

#8x1 SCREWS

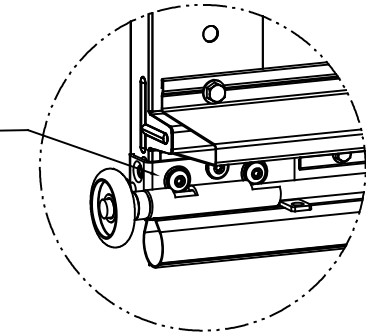
15 GA HINGE FACTORY ATTACHED WITH (2) CRIMPTITE SCREWS (4 SCREWS TOTAL)



DETAIL B

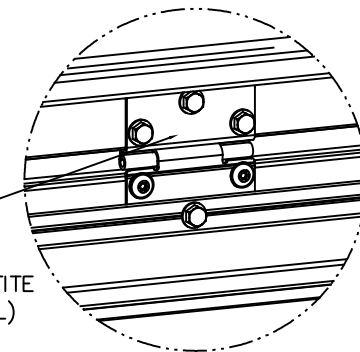
(2) 13 GA ROLLER SLIDES ALIGNED & ATTACHED ON TOP OF STRUT WITH (4) CRIMPTITE SCREWS. OUTSIDE SLIDE REQUIRES WELDED "TUBE" CLOSED. SLIDES MUST BE NO GREATER THAN 1/4" APART. ROLLER MUST MOVE FREELY.

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



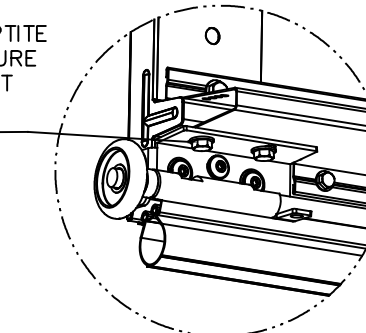
DETAIL C

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



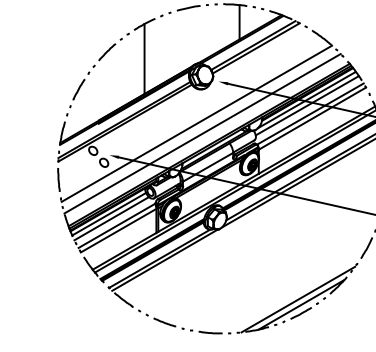
DETAIL D

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



DETAIL E
IMPACT BOTTOM BRACKET

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



J-STRUT ATTACHMENT

J-STRUT OVER RIB ENDS: PRIOR TO ASSEMBLY OF J-STRUT, INSTALL REINFORCED ENDCAP BRACKET - SEE NOTE 12, SHT 1. THEN 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)

SECTION QUANTITIES

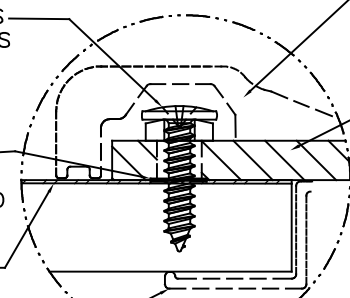
Door Width	CRP/FLUSH				RANCH				SONOMA				SONOMA RANCH				
	STAMPS /SHORT LITES	CTR HNG	OP STILES: SOLID	OP STILES: GLAZED	STAMPS /LONG LITES	CTR HNG	OP STILES: SOLID	OP STILES: GLAZED	STAMPS /SHORT LITES	LONG LITES	CTR HNG	OP STILES: SOLID	OP STILES: GLAZED	STAMPS /LONG LITES	CTR HNG	OP STILES: SOLID	OP STILES: GLAZED
10'-0"	5	3	2	2	2	3	3	1	4	2	3	3	1	2	3	3	1
11'-0"	5	3	2	2	2	3	3	1	4	2	3	3	1	2	3	3	1
12'-0"	6	3	3	3	3	3	3	2	6	3	3	3	2	3	3	3	2
13'-0"	7	5	4	4	3	5	3	2	6	3	5	3	2	3	5	5	2
14'-0"	7	5	4	4	3	5	3	2	6	3	5	3	2	3	5	5	2
15'-0"	7	5	4	4	4	5	5	3	8	4	5	5	3	3	5	5	2
16'-0"	8	5	5	3	4	5	5	3	8	4	5	5	3	4	5	5	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



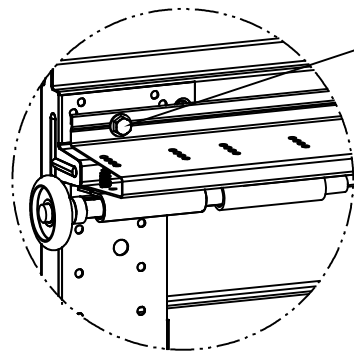
DETAIL E

NON-STRUCTURAL DECORATIVE OUTER WINDOW TRIM

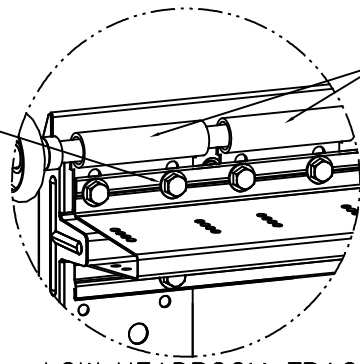
1/4" POLYCARBONATE

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):	+32.60/-36.90	MAX WIDTH:	16'-0"	DATE	NAME
TEST (PSF):	+48.90/-55.40	MAX HEIGHT:	12'-0"	DRAWN	CSM
IMPACT/CYCLIC RATED (YES/NO):	YES	MAX SECTION HEIGHT:	24"	CHECKED	TC
MODELS 5120/9100/9405/9605/TS100/TS120				SHEET 2 OF 3	
WINDLOAD SPECIFICATION OPTION CODE 0653				DRAWING PART NO.	REV.
				411639	C



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)



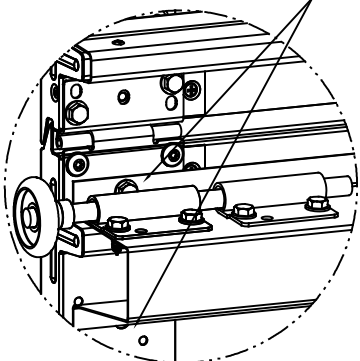
3" STRUT OVER RIB, TOP FIXTURES:
ENDS: BEFORE INSTALLING CRIMPTITE SCREWS INTO STRUT ON TOP SECTION ENDS, INSERT TOP FIXTURES UNDER STRUT FLANGE - SEE SHEET 2. SECURE WITH (4) CRIMPTITE SCREWS INTO END CAP & TOP RAIL. ROLLER MUST MOVE FREELY.

(6) SECTION DOORS:
 (5) 4"X16 GA STRUT
 (2) 3"X18 GA 80 KSI U-BARS
 (5) J-STRUT, 18 GA

DETAIL A

LOW HEADROOM TRACK
 DETAIL A

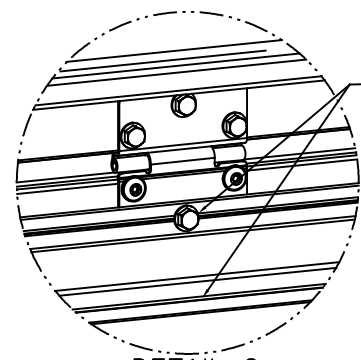
(5) SECTION DOORS:
 (4) 4"X16 GA STRUT
 (2) 3"X18 GA 80 KSI U-BARS
 (4) J-STRUT, 18 GA



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.

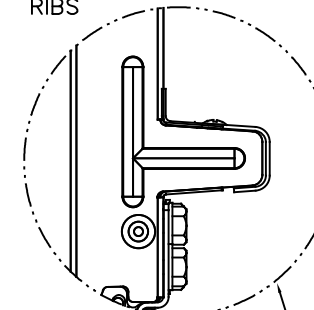
(4) SECTION DOORS:
 (3) 4"X16 GA STRUT
 (2) 3"X18 GA 80 KSI U-BARS
 (3) J-STRUT, 18 GA

DETAIL B

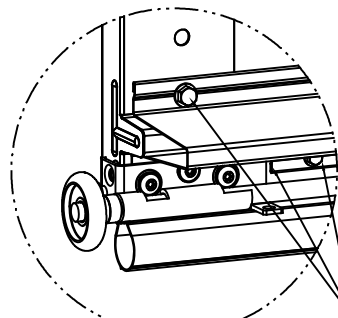


3" & 4" STRUTS OVER RIB - BETWEEN ENDS:
CENTER HINGES: SECURE WITH (2) CRIMPTITE SCREWS IN STRUT FLANGES AT EACH CENTER HINGE
BETWEEN END & FIRST CENTER HINGE, BOTH ENDS: SECURE 3" U-BAR: (2) CRIMPTITE SCREWS, UPPER & LOWER LEGS
 4" STRUT: (1) CRIMPTITE SCREW ON UPPER LEG
BETWEEN CENTER HINGES ON 4"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

U-BARS & J-STRUTS
 INSTALLED OVER INTEGRAL
 RIBS

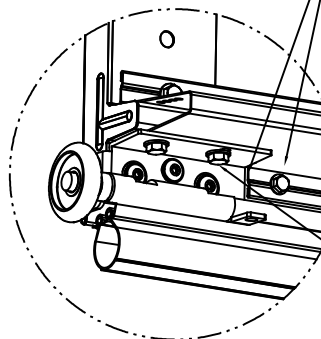


ALL INTEGRAL RIBS WITH NO 3" OR 4" STRUTS MUST HAVE A J-STRUT

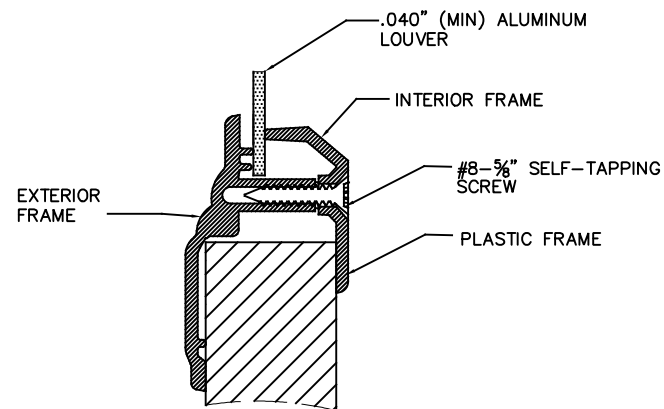


3" STRUT OVER RIB, BOTTOM BRACKET:
ENDS: NOTCH STRUT TO CLEAR BOTTOM BRACKET. PRIOR TO ASSEMBLY OF J-STRUT, INSTALL REINFORCED ENDCAP BRACKET - SEE NOTE 12, SHT 1. THEN SECURE WITH (2) CRIMPTITE SCREWS IN STRUT FLANGES.

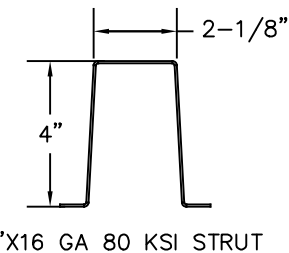
DETAIL D



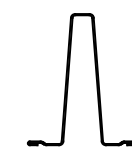
SECURE IMPACT BOTTOM BRACKET FLANGE TO STRUT WITH (2) CRIMPTITE SCREWS



NON-IMPACT LOUVER
 (STATIC RATED)
 DETAIL G



4"X16 GA 80 KSI STRUT



3"X18 GA 80 KSI U-BAR



J-STRUT, 18 GA 33 KSI

FASTENER NOTES:

1. STRUT SCREW TOTALS (DW>12'):	3" U-BAR	4" STRUT
TOP SECTION STRUT (SL)	= 20	-
TOP SECTION STRUT (LHR)	= 24	-
INT SECTION STRUT	= -	22
LOK SECTION STRUT	= -	22
BOT SECTION STRUT (UPPER)	= -	20
BOT SECTION STRUT (LOWER)	= 18	-
J-STRUT W/ OP STILE	= 2 + 1/STILE	-

2. FOR DW ≤ 12', USE LESS CRIMPTITE SCREWS:
 • 3" U-BARS = 4 LESS CRIMPTITE SCREWS /STRUT
 • 4" STRUTS = 6 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.

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 (850) 474-9890

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.	SIZE: C
DESIGN (PSF):	+32.60/-36.90	MAX WIDTH:	16'-0"	DATE	NAME
TEST (PSF):	+48.90/-55.40	MAX HEIGHT:	12'-0"	DRAWN	CSM
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 0653				DRAWING PART NO.	REV.
				411639	C