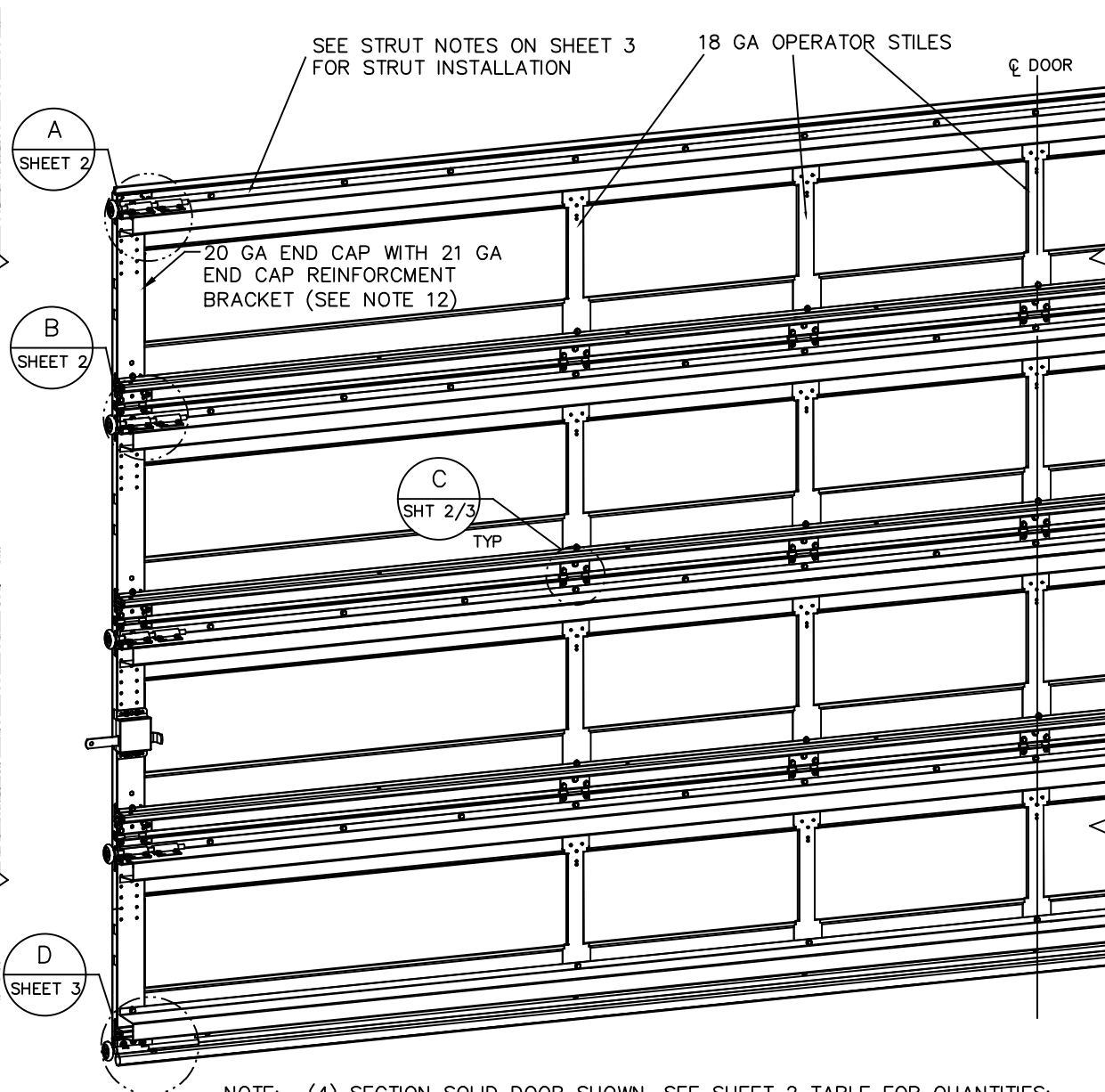
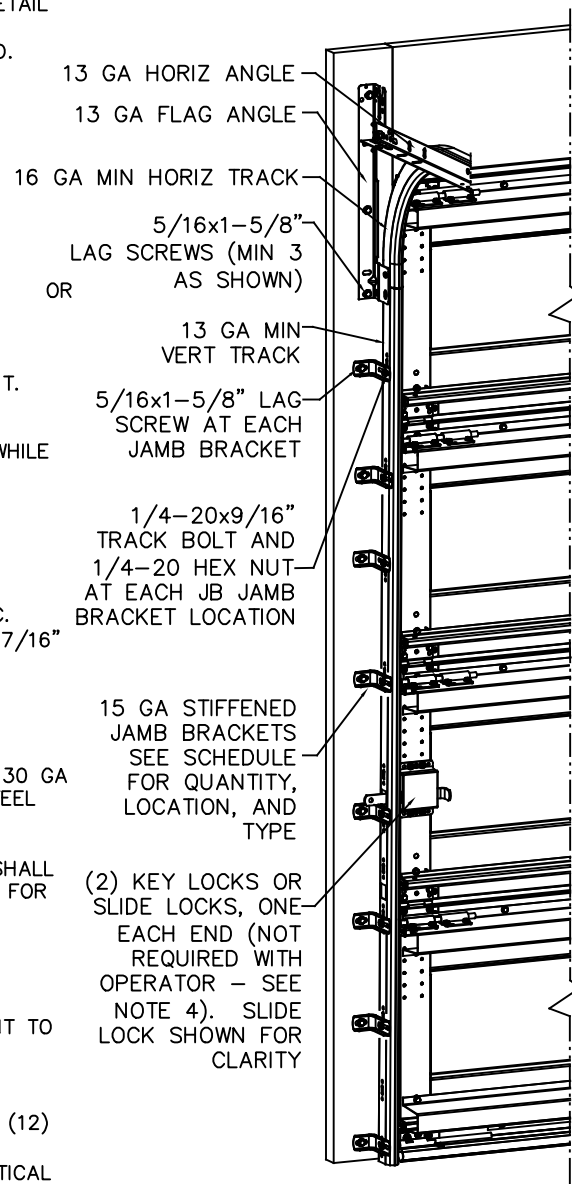


NOTES:

- 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 THE HORIZONTAL LEG AND (2) ALONG THE VERTICAL
 - LONG LITES: CLEAR OPENING SIZE:
 - MAX WD=40.00; MAX HT=12.75
 - (14) MIN QTY SCREWS #8X1 - (5) ALONG THE HORIZONTAL LEG AND (2) ALONG THE VERTICAL
 - DECORATIVE TRIM INSERTS ALLOWED.
 - (1) GLAZED SECTION ALLOWED IN 3RD SECTION HIGHER
- 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.
 - GLAZED SECTION ALLOWED IN TOP SECTION.
- 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 (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 ENDCAP PRIOR TO ATTACHMENT OF STRUTS.
- COMPLIES WITH THE REQUIREMENTS OF IBC/IRC 2018.



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) +32.6/-36.9
18'-0"	ALL	+293/-332
17'-0"	ALL	+277/-314

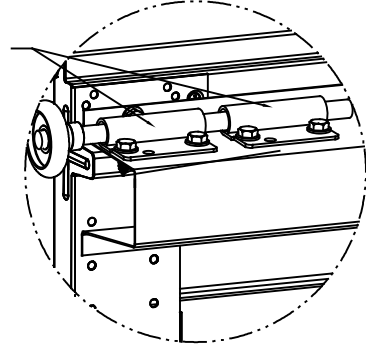
JOHN E. SCATES, PE
2560 KING ARTHUR BLVD #124
LEWISVILLE, TX 75056
FL PE 51737
TX PE 56308 / F2203
PROFESSIONAL ENGINEER SEAL PROVIDED ONLY FOR VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.

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

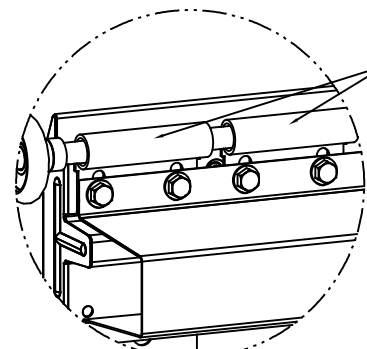
STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.	SIZE: C
DESIGN (PSF):	+32.6/-36.9	MAX WIDTH:	18'-0"	DATE	NAME
TEST (PSF):	+48.9/-55.4	MAX HEIGHT:	12'-0"	DRAWN	SW
IMPACT/CYCLIC RATED (YES/NO):	YES	MAX SECTION HEIGHT:	24"	CHECKED	TC
MODELS 5120/9100/9405/9605/TS100/TS120				SHEET 1 OF 3	
WINDLOAD SPECIFICATION OPTION CODE 0658				DRAWING PART NO.	REV.
				411644	B

REVISIONS
REV -: INITIAL RELEASE; BL 8AUG20
REV A: PER PCR 32486, ADD NOTE 12: IBC/IRC REGS; BL 23SEP20
REV B: ADDED GLAZING VIEWS TLC 5/20/21

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

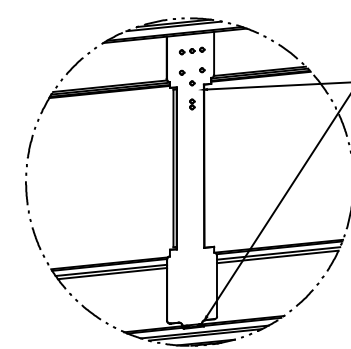


DETAIL A



LOW HEADROOM TRACK
DETAIL A

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

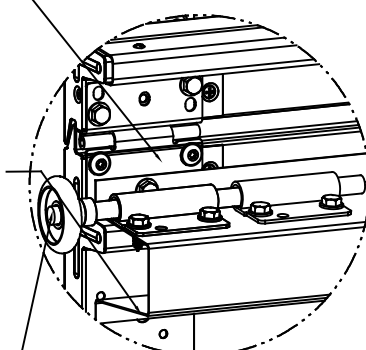


OPERATOR STILE
ATTACHMENT

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

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)

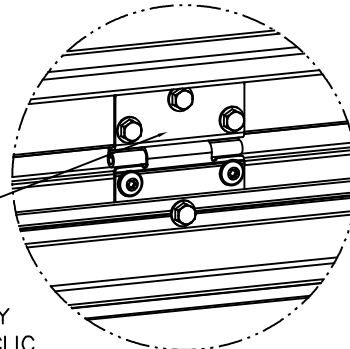
15 GA HINGE FACTORY ATTACHED WITH (2) CRIMPTITE SCREWS (4 SCREWS TOTAL)



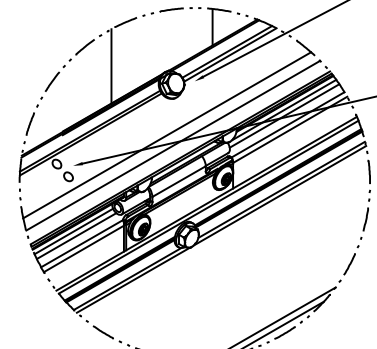
DETAIL B

(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.

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

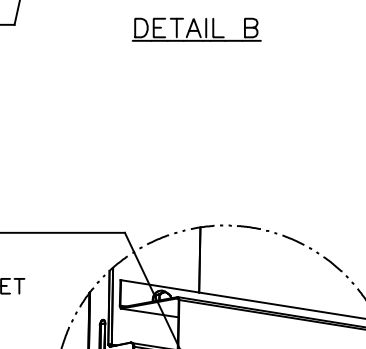


DETAIL C



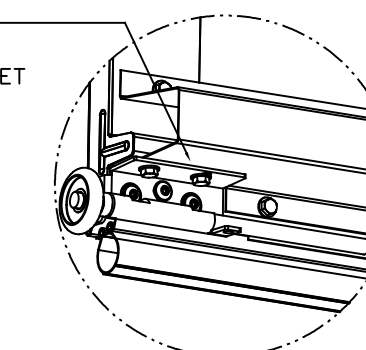
J-STRUT ATTACHMENT

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



DETAIL D

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

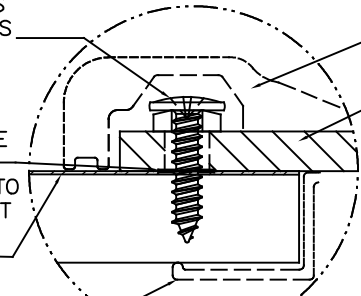


#8x3/4" MIN STAINLESS SCREWS WITH STAINLESS BACKED RUBBER WASHERS 3-1/2" O.C. MAX

1/4" BEAD GE ULTRAGLAZE SSG4000AC STRUCTURAL SEALANT OR EQUIVALENT TO CREATE FULL COVERAGE AT OVERLAP

FACER STEEL

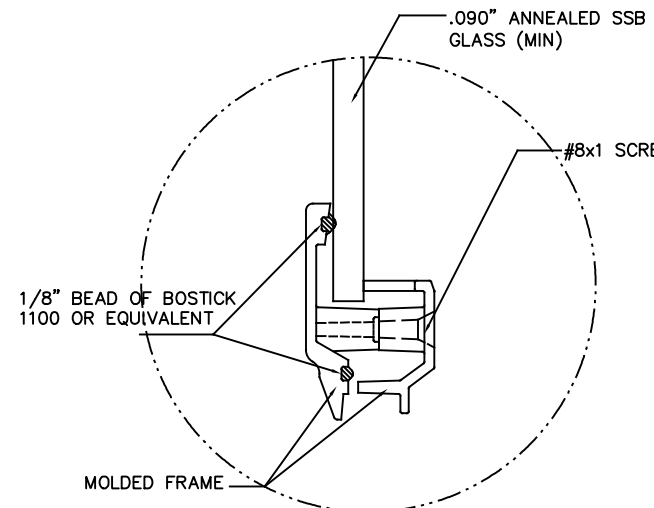
NON-STRUCTURAL DECORATIVE INNER WINDOW TRIM



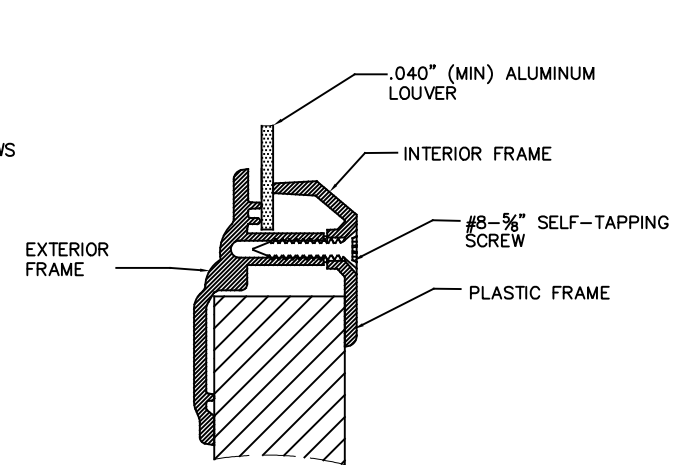
DETAIL E

NON-STRUCTURAL DECORATIVE OUTER WINDOW TRIM

1/4" POLYCARBONATE



NON-IMPACT PLASTIC FRAME
(STATIC RATED)
DETAIL F

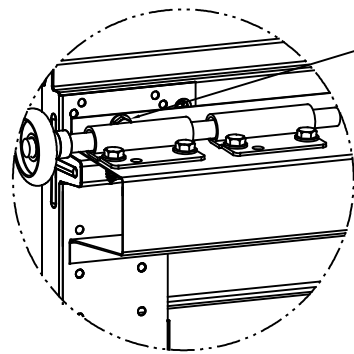


NON-IMPACT LOUVER
(STATIC RATED)
DETAIL G

DOOR WIDTH	SECTION QUANTITIES																
	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
17'0"	8	5	5	3	4	5	5	3	8	4	5	5	3	4	5	5	3
18'0"	8	5	5	3	4	5	5	3	8	4	5	5	3	4	5	5	3

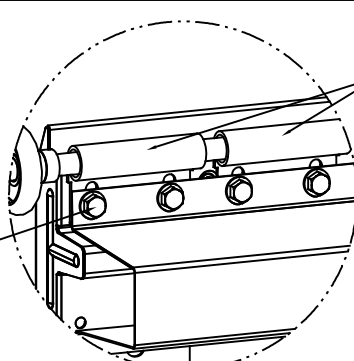
Wayne Dalton
GARAGE DOORS™
A DIVISION OF OVERHEAD DOOR CORP
3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
(850) 474-9890

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.	SIZE: C
DESIGN (PSF):	+32.6/-36.9	MAX WIDTH:	18'-0"	DATE	NAME
TEST (PSF):	+48.9/-55.4	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 2 OF 3	
WINDLOAD SPECIFICATION OPTION CODE 0658				DRAWING PART NO.	REV.
				411644	B



DETAIL A

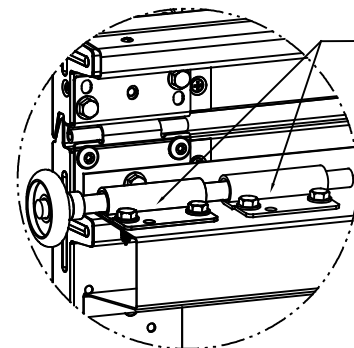
4" STRUT OVER RIB, TOP FIXTURES:
ENDS: PRIOR TO ASSEMBLY OF J-STRUT, INSTALL REINFORCED ENDCAP BRACKET - SEE NOTE 12, SHT 1. THEN SECURE WITH CRIMPTITE SCREWS THROUGH STRUT FLANGES INTO END CAPS AT EACH END:
 (2) FOR STD LIFT TRACK
 (5) FOR LHR TRACK (4 THRU TF BRKTS)
8" APPX. FROM ENDS: SECURE STRUTS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



LOW HEADROOM TRACK
 DETAIL A

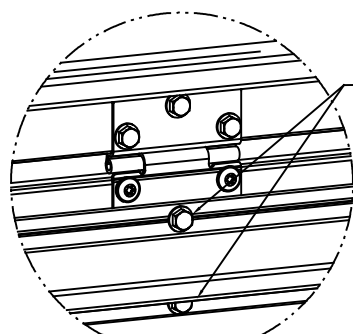
SECURE THRU ROLLER SLIDES INTO END CAP & TOP RAIL WITH (4) CRIMPTITE SCREWS. OUTSIDE SLIDE REQUIRES WELDED "TUBE" CLOSED. SLIDES MUST BE NO GREATER THAN 1/4" APART. ROLLER MUST MOVE FREELY.

- (6) SECTION DOORS:
- (7) 4"X16 GA STRUT
- (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.



DETAIL C

4" STRUT OVER RIB - BETWEEN ENDS:
CENTER HINGES: SECURE WITH (2) CRIMPTITE SCREWS IN STRUT FLANGES AT EACH CENTER HINGE.

STRUT ON LOWER RAIL OF BOTTOM SECTION:
BETWEEN CENTER HINGES/OPERATOR STILES:
 ADD (1) CRIMPTITE SCREW ON LOWER STRUT FLANGE MIDWAY BETWEEN EACH CENTER HINGE.
BETWEEN END & FIRST OP STILE, BOTH ENDS:
 SECURE WITH (1) CRIMPTITE SCREW ON LOWER STRUT LEG.
APPX 1-FT FROM FIRST OP STILE:
 ADD (1) CRIMPTITE SCREW ON LOWER STRUT FLANGE

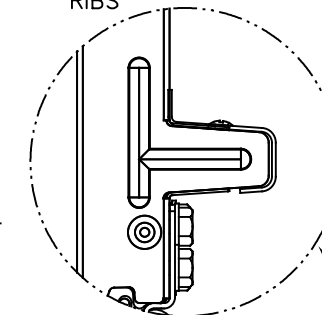
STRUTS ON UPPER RAILS OF BOT, INT & TOP SECTIONS:
BETWEEN CENTER HINGES/OPERATOR STILES:
 ADD (1) CRIMPTITE SCREW ON UPPER STRUT FLANGE MIDWAY BETWEEN EACH CENTER HINGE.
BETWEEN END & FIRST OP STILE, BOTH ENDS:
 SECURE WITH (1) CRIMPTITE SCREW ON UPPER STRUT LEG.
APPX 1-FT FROM FIRST OP STILE:
 ADD (1) CRIMPTITE SCREW ON UPPER STRUT FLANGE

- (5) SECTION DOORS:
- (6) 4"X16 GA STRUT
- (4) J-STRUT, 18 GA

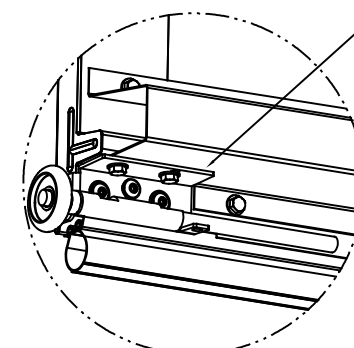
U-BARS & J-STRUTS INSTALLED OVER INTEGRAL RIBS

- (4) SECTION DOORS:
- (5) 4"X16 GA STRUT
- (3) J-STRUT, 18 GA

STRUTS & J-STRUTS INSTALLED OVER INTEGRAL RIBS

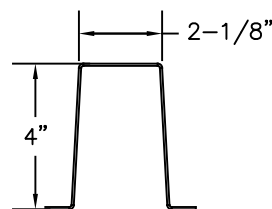


ALL INTEGRAL RIBS WITH NO 4" STRUTS MUST HAVE A J-STRUT



DETAIL D

4" STRUT OVER RIB, BOTTOM BRACKETS:
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.



4"X16 GA 80 KSI STRUT

FASTENER NOTES:

1. **STRUT SCREW TOTALS**

	3" U-BAR	4" STRUT
TOP SECTION: SOLID & SHORT LITE (5 STILE/SL)	= -	24
TOP SECTION: SOLID & SHORT LITE (5 STILE/LHR)	= -	28
TOP SECTION: DOUBLE/RANCH LITE (3 STILE/SL)	= -	22
TOP SECTION: DOUBLE/RANCH LITE (3 STILE/LHR)	= -	26
INT SECTION	= -	24
LOK SECTION	= -	24
BOT SECTION (UPPER)	= -	22
BOT SECTION (LOWER)	= -	22
J-STRUT W/ OP STILE	= 2 + 1/STILE	

2. "CRIMPTITE SCREW" = SCREW, 1/4-14 X 7/8" SELF-DRILLING, CRIMPTITE
3. 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, 18 GA 33 KSI

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): +32.6/-36.9	MAX WIDTH: 18'-0"	DATE	NAME
	TEST (PSF): +48.9/-55.4	MAX HEIGHT: 12'-0"	DRAWN 4/1/20	SW
	IMPACT/CYCLIC RATED (YES/NO): YES	MAX SECTION HEIGHT: 24"	CHECKED 5/19/21	TC
MODELS 5120/9100/9405/9605/TS100/TS120			SHEET 3 OF 3	
WINDLOAD SPECIFICATION OPTION CODE 0658			DRAWING PART NO. 411644	REV. B