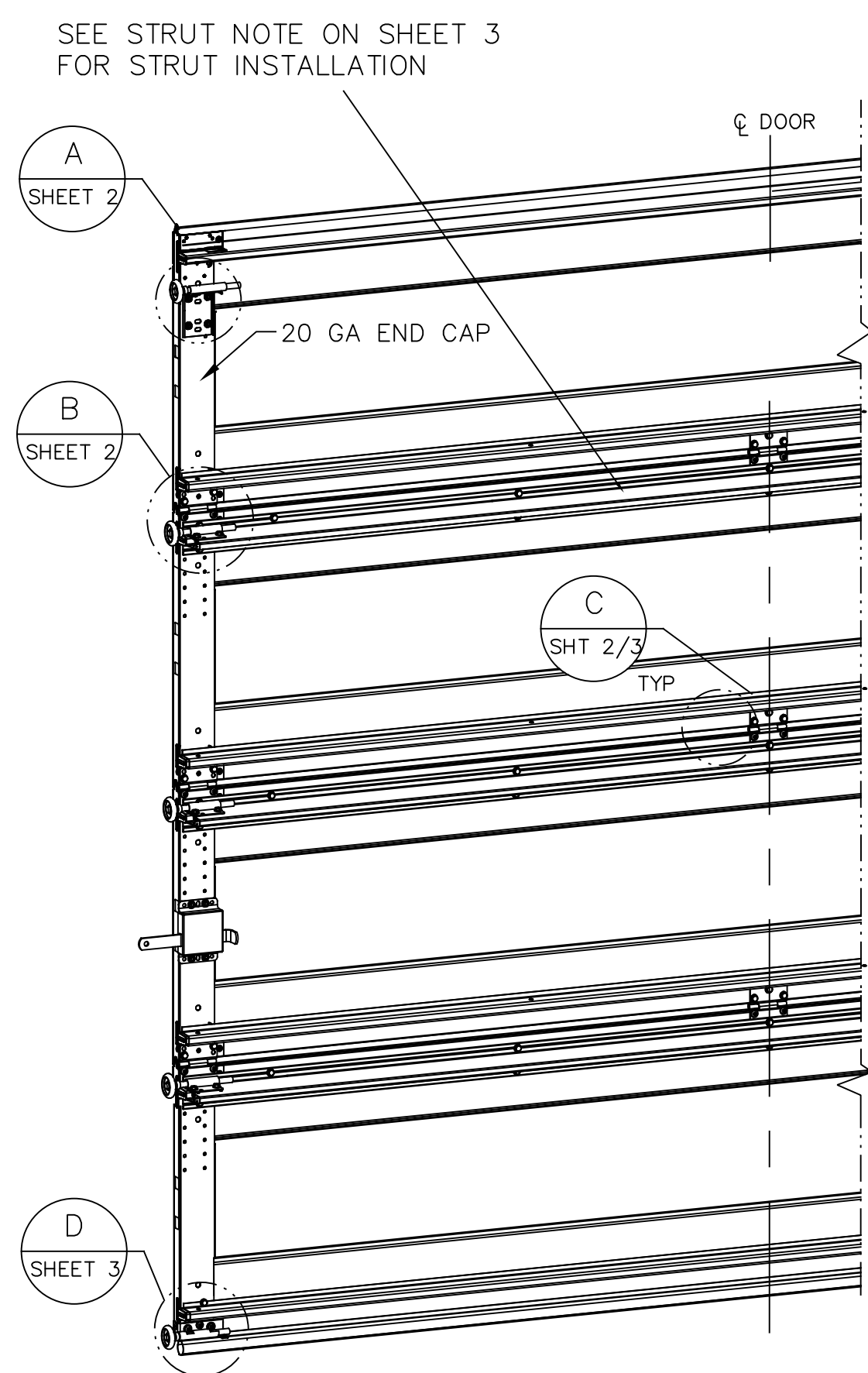
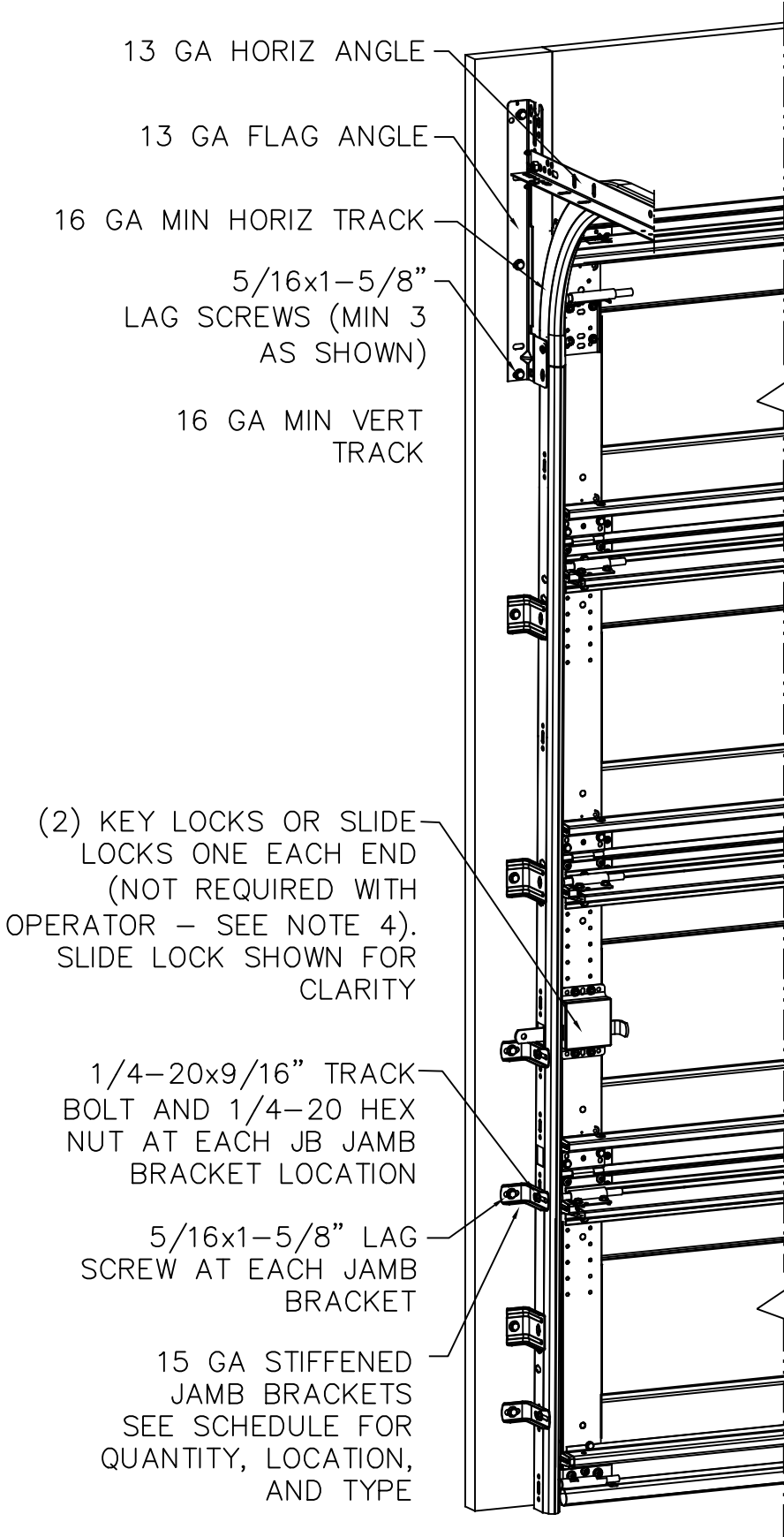


- NOTES:
- GLAZED LITE OPTIONS IN MOLDED FRAMES:
 - .090 SSB, .125 DSB ANNEALED & TEMPERED GLASS ALLOWED
 - SHORT LITES:
 - CLEAR OPENING SIZE: MAX WD=15.72; MAX HT=12.72
 - (10) MIN QTY SCREWS #8X1
 - LONG LITES:
 - CLEAR OPENING SIZE: MAX WD=39.92; MAX HT=12.72
 - (14) MIN QTY SCREWS #8X1
 - DECORATIVE TRIM INSERTS ALLOWED.
 - (1) GLAZING SECTION ALLOWED IN 3RD SECTION OR HIGHER
 - NOT IMPACT RESISTANT
 - 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 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.

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE		
MAX DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF) +25.0/-28.2
9'-0"	ALL	+113/-127
8'-0"	ALL	+100/-113

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 18:10:47 -05'00'



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	5	QI	6" (JB), 13" (QI), 25-1/2" (JB), 45-1/4" (QI), 63" (JB)
7'-0"	4	4	FAT	6" (JB), 21-3/4" (JB), 42" (JB), 63-1/4" (JB)
8'-0"	4 OR 5	6	QI	6" (JB), 13" (QI), 23" (JB), 34" (JB), 47-1/4" (QI), 67" (QI)
8'-0"	4 OR 5	5	FAT	6" (JB), 21-3/4" (JB), 29-3/4" (JB), 48" (JB), 66" (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.
- (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.

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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: C	
DESIGN (PSF): +25.00/-28.20		MAX WIDTH: 9'-0"		DATE		NAME	
TEST (PSF): +37.50/-42.30		MAX HEIGHT: 12'-0"		DRAWN	3/30/20	SW	
IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 24"		CHECKED			
MODELS 5120/9100/9405/9605/TS100/TS120				SHEET 1 OF 3			
				DRAWING PART NO.		REV.	
WINDLOAD SPECIFICATION OPTION CODE 0643				411628		A	

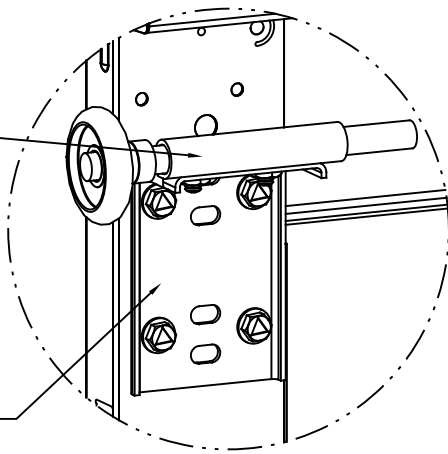
REVISIONS

PO NEW WL CODE.
PER NPD0053
SW 3/30/20

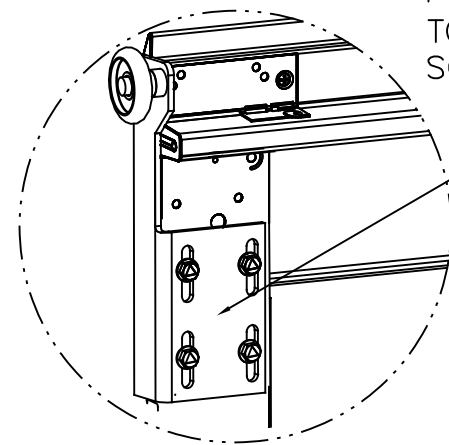
REV A: PER PCR
32421, ADD MDLS
TS100/TS120; BL
17JUL20

14 GA TOP BRACKET
SLIDE ATTACHED TO
BRACKET WITH (2)
1/4-20x5/8 CARRIAGE
BOLTS & NUTS

13 GA L-SHAPED
TOP BRACKET
ATTACHED WITH
(4) CRIMPTITE
SCREWS



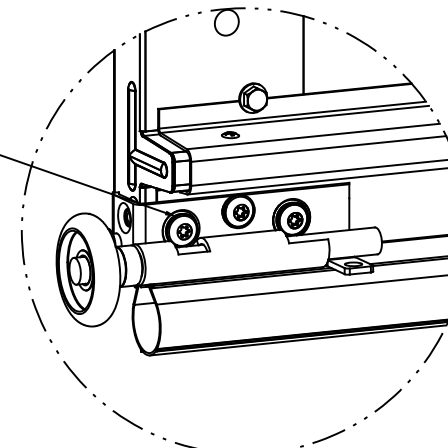
DETAIL A



LOW HEADROOM TRACK
DETAIL A

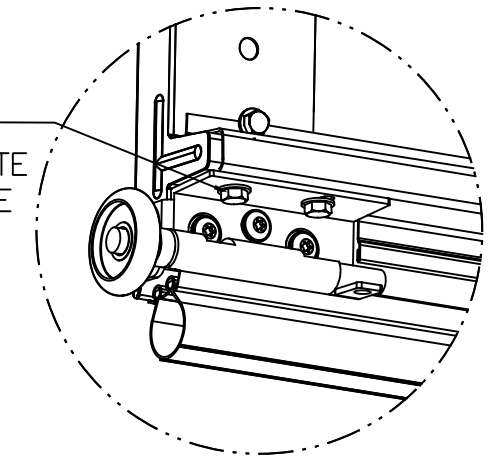
FOR LOW HEADROOM TRACK: 9 GA LHR
TOP BRACKET WITH (4) CRIMPTITE
SCREWS

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



DETAIL D

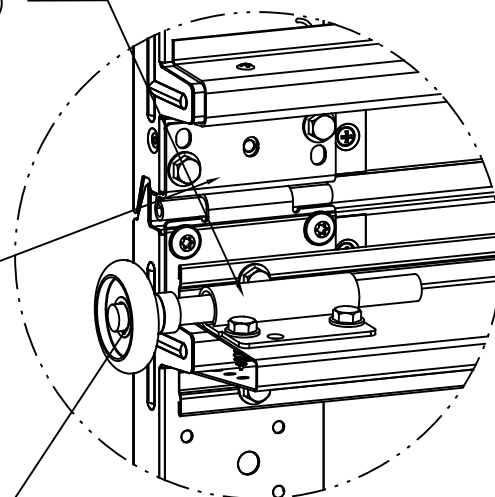
12 GA IMPACT BOTTOM
BRACKET FACTORY
ATTACHED (3) CRIMPTITE
SCREWS TOTAL. SECURE
BB FLANGE TO STRUT
WITH (2) CRIMPTITE
SCREWS



DETAIL D
IMPACT BOTTOM BRACKET

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

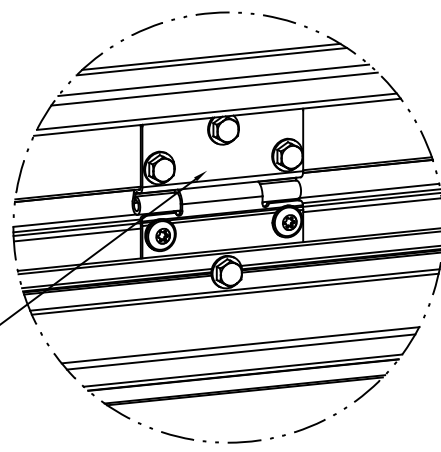
15 GA HINGE
FACTORY
ATTACHED WITH
(2) CRIMPTITE
SCREWS (4
SCREWS TOTAL)



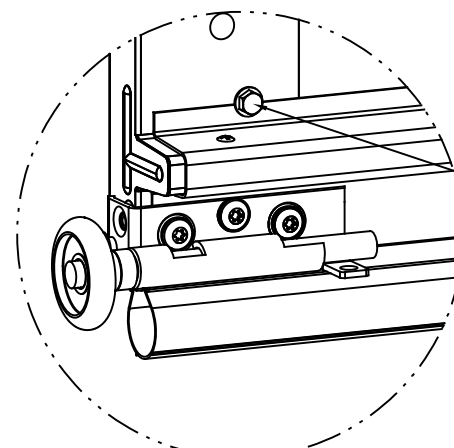
DETAIL B

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)

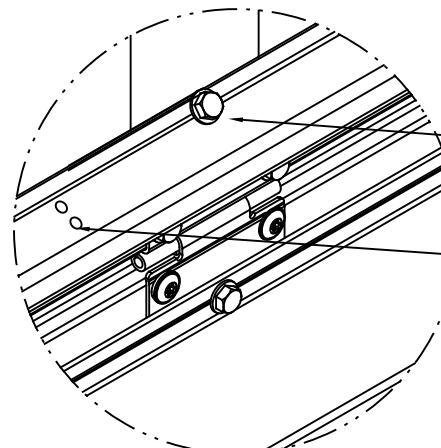


DETAIL C



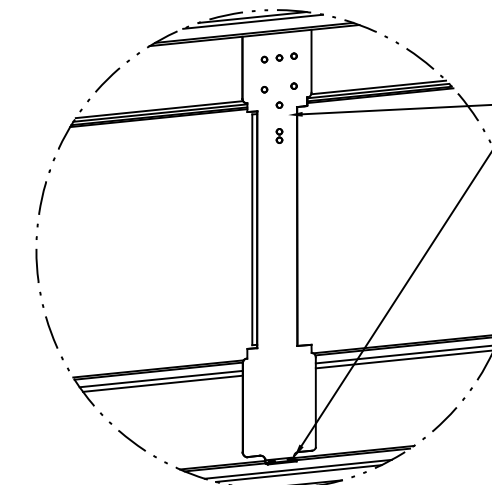
DETAIL D

J-STRUT OVER RIB ENDS:
ENDS: SECURE WITH (1) CRIMPTITE
SCREW THRU J-STRUT FLANGE LEG
INTO ENDCAP EACH END.



J-STRUT ATTACHMENT

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)



OPERATOR STILE ATTACHMENT
(GLAZED IMPACT SECTIONS ONLY)

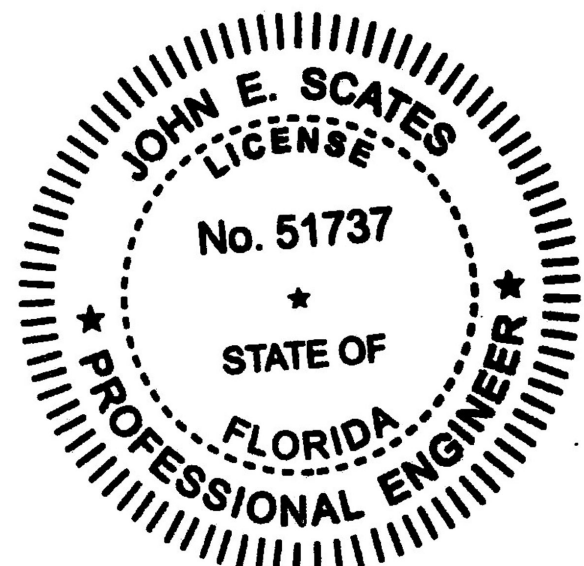
SECURE OPERATOR STILE WITH
(4) #8 PIERCING SCREWS INTO
INTEGRAL RIBS. (FACTORY
INSTALLED) OR (2) CRIMPTITE
SCREWS, ONE AT EACH END.

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	1**	0	0**	1	1	0	0	3	NA	1**	0	0**	1	1	0	0
7'0"	3	1**	0	0**	1	1	0	0	3	NA	1**	0	0**	1	1	0	0
8'0"	4	1	0	0*	2	1	0	0*	4	2	1	0	0*	2	1	0	0*
9'0"	4	1	0	0*	2	1	0	0*	4	2	1	0	0*	2	1	0	0*

* NOTE: OPERATOR STILE QUANTITY FOR IMPACT/CYCLIC DOORS = 1

** NOTE: OPERATOR STILE QUANTITY FOR IMPACT/CYCLIC DOORS = 2

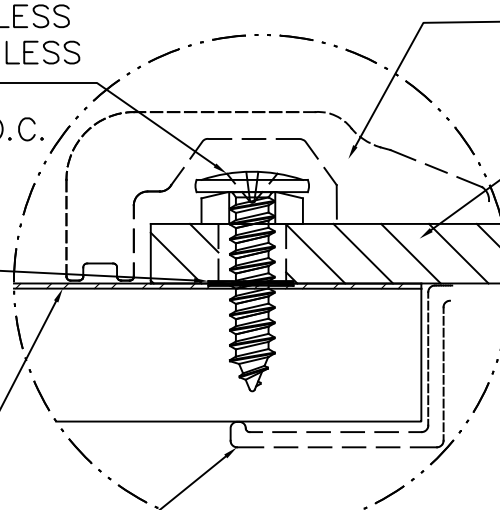


#8x3/4" MIN STAINLESS
SCREWS WITH STAINLESS
BACKED RUBBER
WASHERS 3-1/2" O.C.
MAX

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

FACER
STEEL

NON-STRUCTURAL
DECORATIVE INNER
WINDOW TRIM



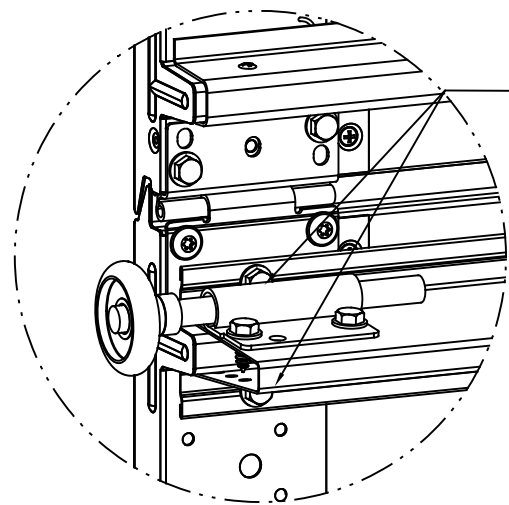
DETAIL E

NON-STRUCTURAL
DECORATIVE OUTER
WINDOW TRIM

1/4"
POLYCARBONATE

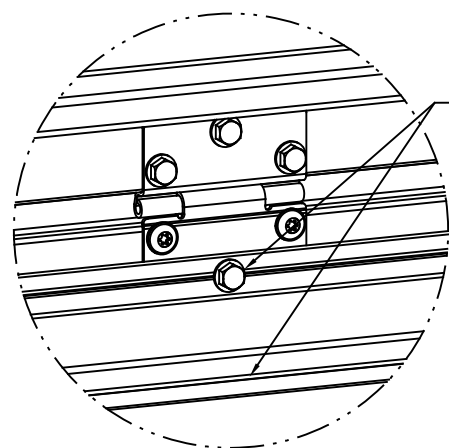
Wayne Dalton
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PENSACOLA, FLORIDA 32514
(850) 474-9890

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: C	
DESIGN (PSF):	+25.00/−28.20	MAX WIDTH:	9'–0"	DATE		NAME	
TEST (PSF):	+37.50/−42.30	MAX HEIGHT:	12'–0"	DRAWN	3/30/20	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 0643				DRAWING PART NO.		REV.	
				411628		A	



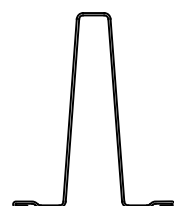
DETAIL B

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 BOT SECTION:
OMIT CRIMPTITE SCREW BEHIND #1 ROLLER SLIDE AT EACH END.



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

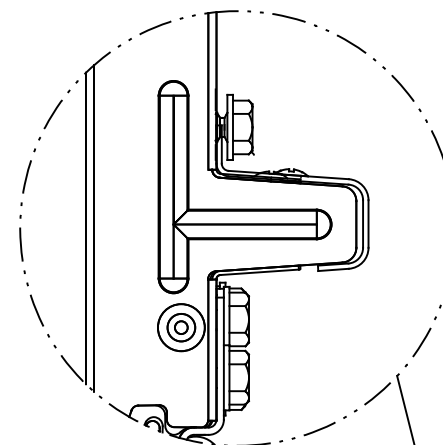


3"X20 GA 80 KSI U-BAR



J-STRUT, 18 GA 33 KSI

STRUT & J-STRUTS INSTALLED OVER INTEGRAL RIBS



(5) SECTION DOORS:
(5) 3"X20 GA 80 KSI U-BARS
(2) J-STRUT, 18 GA
+(1) J-STRUT, 18 GA FOR IMPACT GLAZED SECTIONS

(5) SECTION DOORS:
(4) 3"X20 GA 80 KSI U-BARS
(2) J-STRUT, 18 GA
+(1) J-STRUT, 18 GA FOR IMPACT GLAZED SECTIONS

(4) SECTION DOORS:
(3) 3"X20 GA 80 KSI U-BARS
(2) J-STRUT, 18 GA
+(1) J-STRUT, 18 GA FOR IMPACT GLAZED SECTIONS

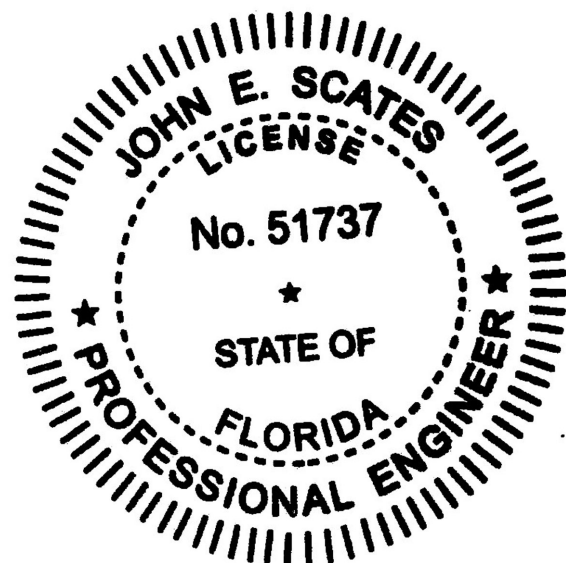
J-STRUT

3"X20 GA U-BARS

J-STRUT

FASTENER NOTES:

- STRUT SCREW TOTALS:
3" STRUT - INT SECTIONS = 12
3" STRUT - LOK SECTION = 12
J-STRUT W/O OP STILE = 2
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): +25.00/−28.20		MAX WIDTH: 9'−0"		DATE		NAME	
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IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 24"		CHECKED			
MODELS 5120/9100/9405/9605/TS100/TS120				SHEET 3 OF 3			
WINDLOAD SPECIFICATION OPTION CODE 0643				DRAWING PART NO.		REV.	
				411628		A	