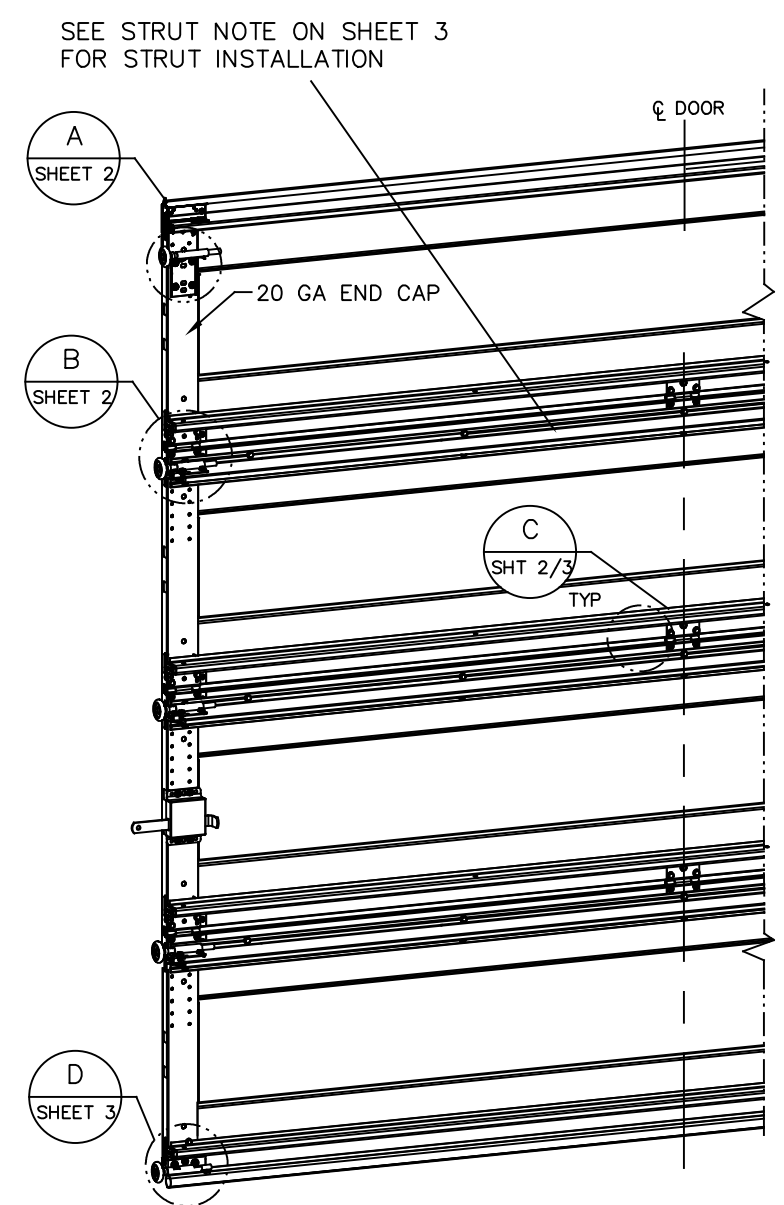
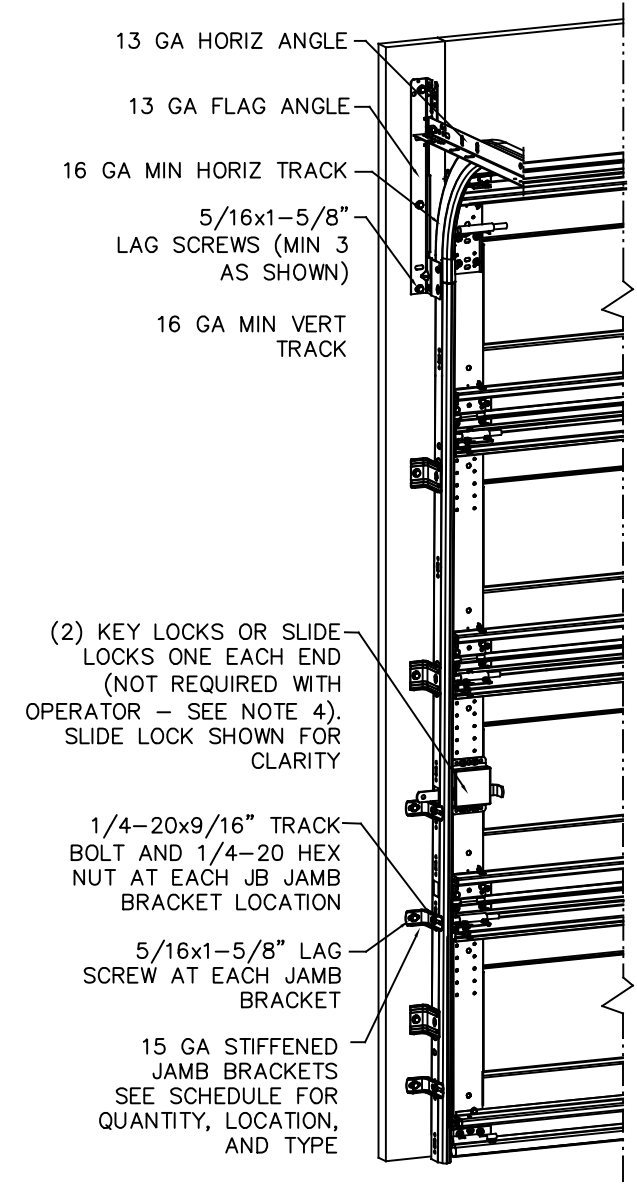


**NOTES:**

- GLAZED LITE OPTIONS IN MOLDED FRAMES (DETAIL F):
    - .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 - (3) ALONG THE HORIZONTAL LEG AND (2) ALONG THE VERTICAL
    - LONG LITES:
      - CLEAR OPENING SIZE: MAX WD=39.92; MAX HT=12.72
      - (14) MIN QTY SCREWS #8X1 - (5) ALONG THE HORIZONTAL LEG AND (2) ALONG THE VERTICAL
  - DECORATIVE TRIM INSERTS ALLOWED.
  - (1) GLAZING SECTION ALLOWED IN 3RD SECTION OR HIGHER
  - NOT IMPACT RESISTANT
2. 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 3RD SECTION OR HIGHER.
  3. 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.
  4. KEY LOCK, SLIDE LOCK, OR OPERATOR REQUIRED.
  5. 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".
  6. 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.
  7. DOOR JAMB TO BE MINIMUM 2x6 SOUTHERN PINE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.
  8. 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.
  9. SEE SHEET 3 FOR FASTENER NOTES.
  10. THE TERMS STRUT AND U-BAR MAY BE USED INTERCHANGEABLY.
  11. SEE SHEET 3 FOR STRUT ATTACHMENT INSTRUCTIONS.
  12. 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.

| REVISIONS                                                  |
|------------------------------------------------------------|
| P0 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                     |

| MAX DOOR WIDTH | DOOR HEIGHT | UNIFORM LOAD EACH JAMB (PLF)<br>+25.0/-28.2 |
|----------------|-------------|---------------------------------------------|
| 9'-0"          | ALL         | +113/-127                                   |
| 8'-0"          | ALL         | +100/-113                                   |

| 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                                                                              |

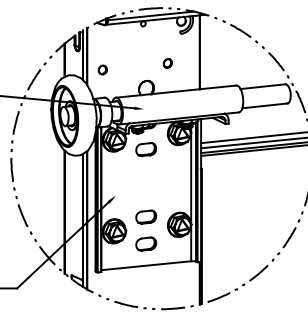
- TRACK NOTES:**
13. (JB) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT.
  14. (QI) FOLLOWING DIMENSION DENOTES QUICK INSTALL JAMB BRACKET INSTALLED IN BUTTERFLY SLOT. NO ADDITIONAL HARDWARE NEEDED TO ATTACH TO TRACK.
  15. ALL DOORS WITH HIGH LIFT, ROOF PITCH, AND/OR GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SUPPLEMENT TRACK CHART FOR DETAILS.

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

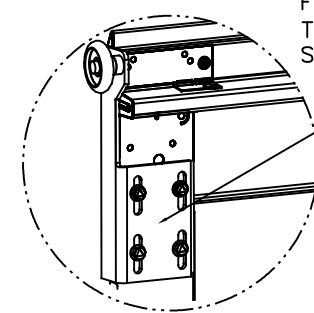
| STATIC PRESSURE RATINGS                 |               | APPROVED SIZES      |        | SCALE: N.T.S.    | SIZE: C |
|-----------------------------------------|---------------|---------------------|--------|------------------|---------|
| DESIGN (PSF):                           | +25.00/-28.20 | MAX WIDTH:          | 9'-0"  | DATE             | NAME    |
| TEST (PSF):                             | +37.50/-42.30 | 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 0643 |               |                     |        | DRAWING PART NO. | REV.    |
|                                         |               |                     |        | 411628           | C       |

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



DETAIL A

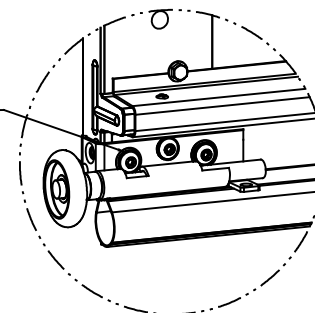
13 GA L-SHAPED  
TOP BRACKET  
ATTACHED WITH  
(4) CRIMPTITE  
SCREWS



LOW HEADROOM TRACK  
DETAIL A

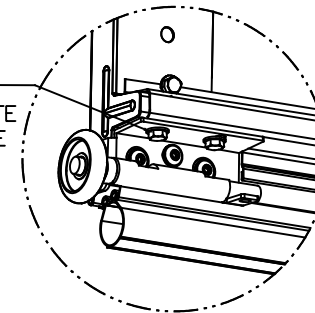
FOR LOW HEADROOM TRACK: 9 GA LHR  
TOP BRACKET WITH (4) CRIMPTITE  
SCREWS

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



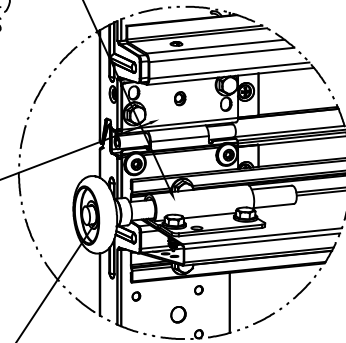
DETAIL D

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

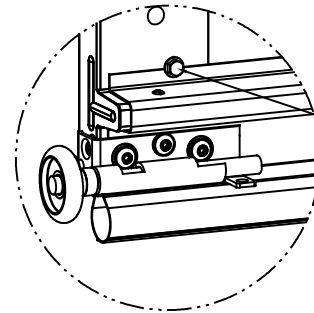
13 GA ROLLER SLIDE  
ATTACHED ON TOP  
OF STRUT WITH (2)  
CRIMPTITE SCREWS



DETAIL B

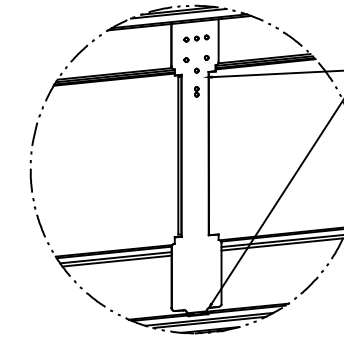
15 GA HINGE  
FACTORY  
ATTACHED WITH  
(2) CRIMPTITE  
SCREWS (4  
SCREWS TOTAL)

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



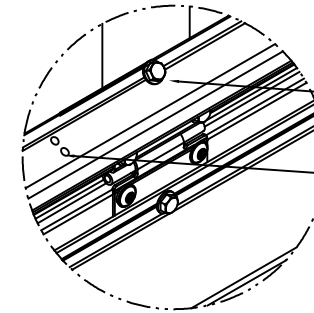
DETAIL D

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



OPERATOR STILE ATTACHMENT  
(GLAZED IMPACT SECTIONS ONLY)

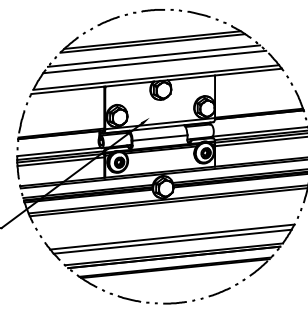
SECURE OPERATOR STILE WITH  
(4) #8 PIERCING SCREWS INTO  
INTEGRAL RIBS. (FACTORY  
INSTALLED) OR (2) CRIMPTITE  
SCREWS, ONE AT EACH END.



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)

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



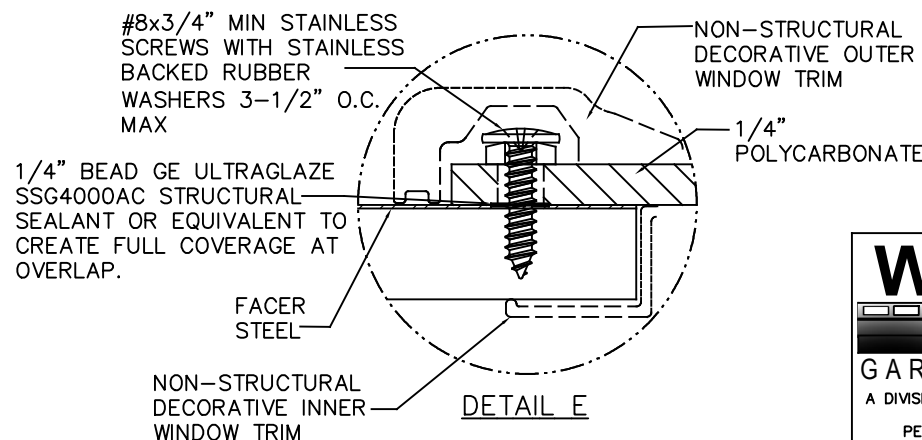
DETAIL C

SECTION QUANTITIES

| DOOR<br>WIDTH | CRP/FLUSH                 |            |                        |                         | RANCH                    |            |                        |                         | SONOMA                    |               |            |                        |                         | SONOMA RANCH             |            |                        |                         |
|---------------|---------------------------|------------|------------------------|-------------------------|--------------------------|------------|------------------------|-------------------------|---------------------------|---------------|------------|------------------------|-------------------------|--------------------------|------------|------------------------|-------------------------|
|               | STAMPS/<br>SHORT<br>LITES | CTR<br>HNG | OP<br>STILES:<br>SOLID | OP<br>STILES:<br>GLAZED | STAMPS/<br>LONG<br>LITES | CTR<br>HNG | OP<br>STILES:<br>SOLID | OP<br>STILES:<br>GLAZED | STAMPS/<br>SHORT<br>LITES | LONG<br>LITES | CTR<br>HNG | OP<br>STILES:<br>SOLID | OP<br>STILES:<br>GLAZED | STAMPS/<br>LONG<br>LITES | CTR<br>HNG | OP<br>STILES:<br>SOLID | OP<br>STILES:<br>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

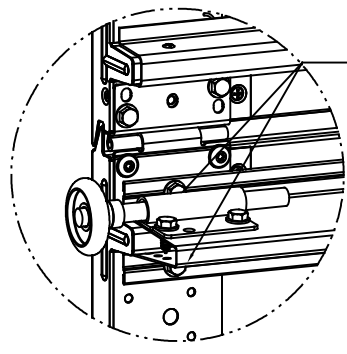
\*\* NOTE: OPERATOR STILE QUANTITY FOR IMPACT/CYCLIC DOORS = 2



DETAIL E

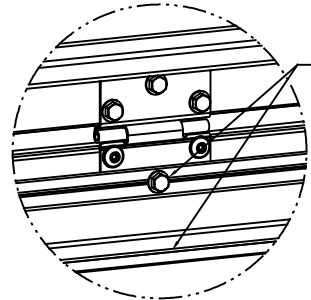
**Wayne Dalton**  
GARAGE DOORS  
A DIVISION OF OVERHEAD DOOR CORP  
3395 ADDISON DRIVE  
PENSACOLA, FLORIDA 32514  
(850) 474-9890

| STATIC PRESSURE RATINGS                 |               | APPROVED SIZES      |        | SCALE: N.T.S.    | SIZE: C |
|-----------------------------------------|---------------|---------------------|--------|------------------|---------|
| DESIGN (PSF):                           | +25.00/-28.20 | MAX WIDTH:          | 9'-0"  | DATE             | NAME    |
| TEST (PSF):                             | +37.50/-42.30 | MAX HEIGHT:         | 12'-0" | DRAWN            | 3/30/20 |
| IMPACT/CYCLIC RATED (YES/NO):           | YES           | MAX SECTION HEIGHT: | 24"    | CHECKED          | 5/19/21 |
| MODELS 5120/9100/9405/9605/TS100/TS120  |               |                     |        | SHEET 2 OF 3     |         |
| WINDLOAD SPECIFICATION OPTION CODE 0643 |               |                     |        | DRAWING PART NO. | REV.    |
|                                         |               |                     |        | 411628           | C       |



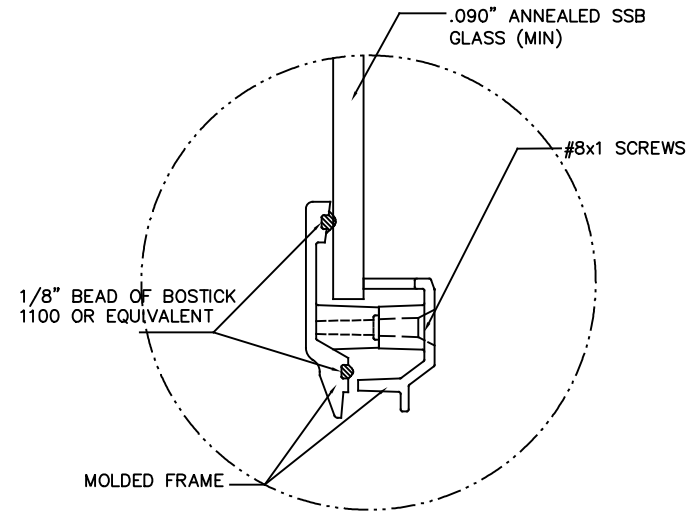
DETAIL B

**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.

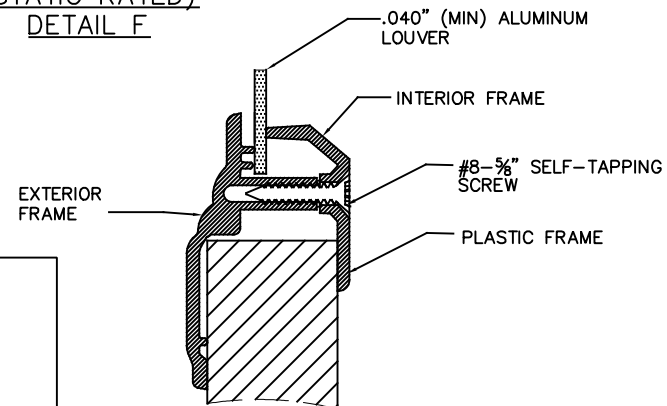


DETAIL C

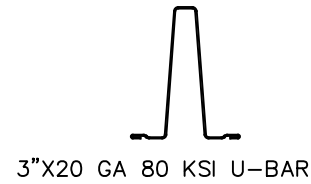
**3" STRUT OVER RIB - BETWEEN ENDS:**  
 CENTER HINGE: SECURE WITH (2) CRIMPTITE SCREWS IN STRUT FLANGES AT EACH CENTER HINGE  
 BETWEEN END & FIRST CENTER HINGE, BOTH ENDS:  
 SECURE STRUT WITH (2) CRIMPTITE SCREWS, UPPER & LOWER LEGS



NON-IMPACT PLASTIC FRAME  
 (STATIC RATED)  
 DETAIL F



NON-IMPACT LOUVER  
 (STATIC RATED)  
 DETAIL G

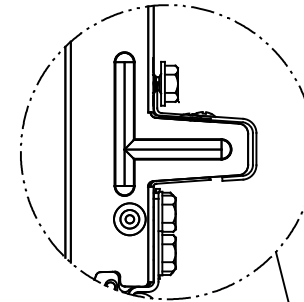


3"X20 GA 80 KSI U-BAR



J-STRUT, 18 GA 33 KSI

STRUT & J-STRUTS INSTALLED OVER INTEGRAL RIBS



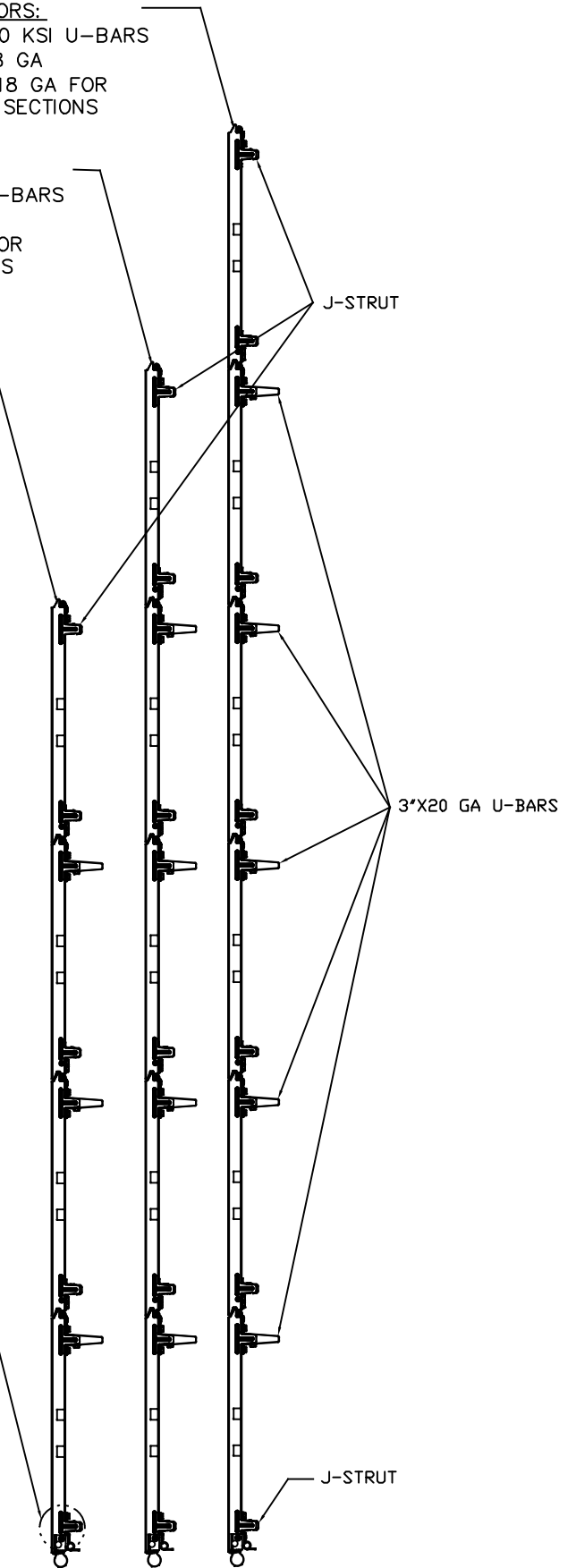
(5) SECTION DOORS:  
 (5) 3"X20 GA 80 KSI U-BARS  
 (2) J-STRUT, 18 GA  
 +(1) J-STRUT, 18 GA FOR IMPACT GLAZED SECTIONS

(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

**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.



|                                                                                                                                                                                                      |                               |               |                     |        |                  |         |    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------|---------------------|--------|------------------|---------|----|
| <p><b>Wayne Dalton</b><br/>         GARAGE DOORS<br/>         A DIVISION OF OVERHEAD DOOR CORP<br/>         3395 ADDISON DRIVE<br/>         PENSACOLA, FLORIDA 32514<br/>         (850) 474-9890</p> | 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          | 5/19/21 | TC |
| MODELS 5120/9100/9405/9605/TS100/TS120                                                                                                                                                               |                               |               |                     |        | SHEET 3 OF 3     |         |    |
| WINDLOAD SPECIFICATION OPTION CODE 0643                                                                                                                                                              |                               |               |                     |        | DRAWING PART NO. | REV.    |    |
|                                                                                                                                                                                                      |                               |               |                     |        | 411628           | C       |    |