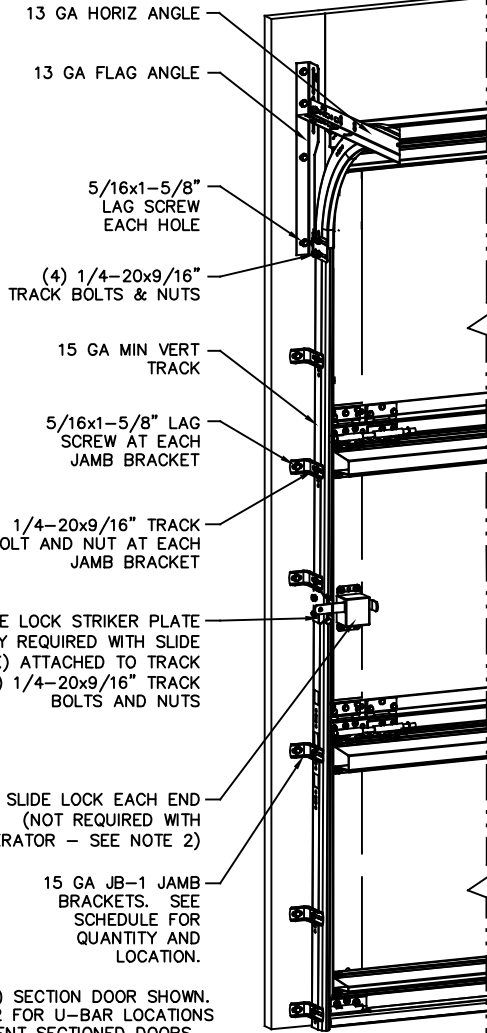


NOTES:

- 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.
- SLIDE LOCK OR OPERATOR REQUIRED. LOW HEADROOM REQUIRES A LOCK ON BOTH SIDES.
- 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.
- SECTION STEEL TO HAVE THE FOLLOWING MINIMUM THICKNESS:
EXTERIOR - 27 GA
INTERIOR - 30 GA
- DOOR JAMB TO BE MINIMUM 2x6 STRUCTURAL GRADE SOUTHER PINE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.
- FOR LOW HEAD ROOM LIFT CONDITIONS, TOP BRACKET SHALL BE A LHR TOP BRACKET IN LIEU OF THE BRACKET SHOWN ON THIS DRAWING. SEE LHR, DETAIL A, SHEET 2.
- FOR LOW HEAD ROOM APPLICATIONS, THE UPPERMOST JAMB BRACKET IS OMITTED.
- MAX WINDOW SIZE IS 37-1/4" x 19-1/4" .125" MINIMUM GLAZING (ANNEALED) INSTALLED IN TOP SECTION (WITH OR WITHOUT DECORATIVE LITE FRAME DIVIDERS) MEETS UNIFORM STATIC WIND PRESSURES SHOWN ON THIS DRAWING. GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS. SEE DETAIL E, SHEET 3.
- 11 GA ROLLER SLIDES WITH WELDED ENDS AND 11 GA REINFORCING BRACKETS REQUIRED FOR DOORS >8' TALL.



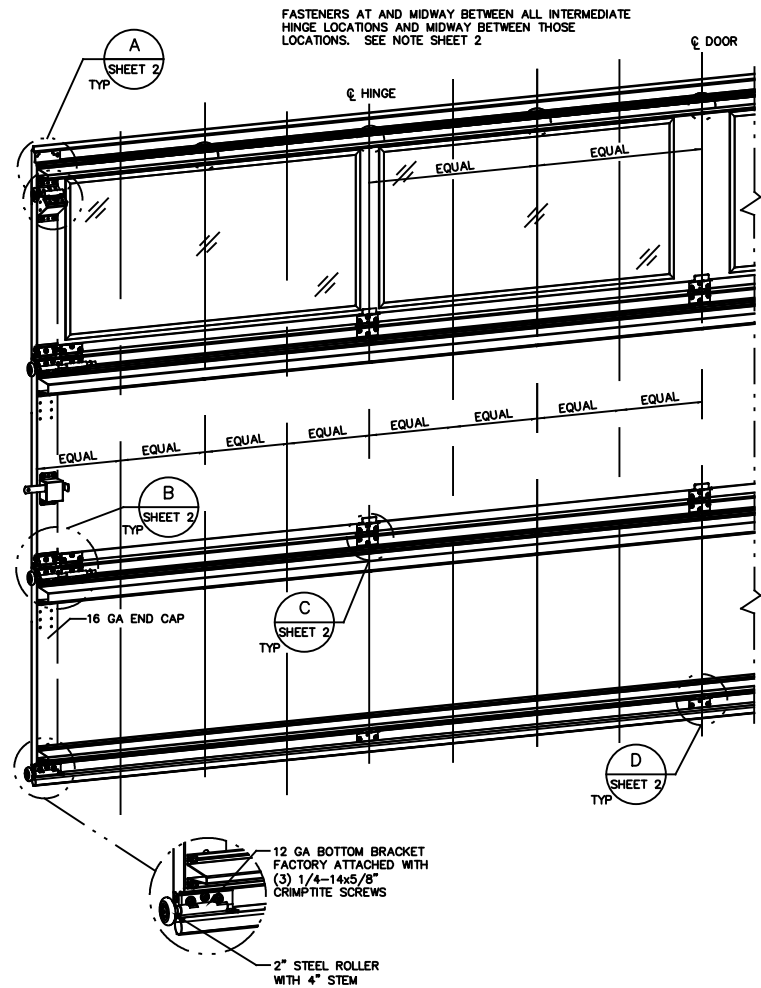
NOTE: (3) SECTION DOOR SHOWN. SEE PAGE 2 FOR U-BAR LOCATIONS FOR DIFFERENT SECTIONED DOORS.

| JAMB BRACKET SCHEDULE | | | |
|-----------------------|-----------------|----------------------------------|---|
| DOOR HEIGHT | NO. OF SECTIONS | NO. OF JAMB BRACKETS (EACH JAMB) | LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2") |
| 7'-0" | 3 | 6 | 2", 10", 26", 42", 53", 63" |
| 8'-0" | 4 | 8 | 2", 10", 26", 39", 48", 57", 66", 75" |
| > 8'-0" | | | SEE NOTE BELOW |

NOTE: ALL DOORS GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SUPPLEMENT TRACK CHART FOR DETAILS.

| SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE | | |
|--|-------------|------------------------------|
| DOOR WIDTH | DOOR HEIGHT | UNIFORM LOAD EACH JAMB (PLF) |
| 16'-0" | 7'-0" | +216.0/-248.0 |
| | 8'-0" | +216.0/-248.0 |

PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.



REVISIONS

P01 CREATED NEW WINDLOAD DRAWING FOR 4" STRUTS 8-22-16 GAC

P02 ER 31281 REV NOMELCLATURE TO 1144 GRADE STEEL ROLLER 2-3-17 GAC

C UPDATED PER PCR32744. UPDATED REV LEVELS TO ALPHABETICAL 12/8/21 SW

COMPLIES WITH IBC/IRC 2018

This door has been tested per ANSI/DASMA 108

| STATIC PRESSURE RATINGS | | APPROVED SIZES | | SCALE: N.T.S. | | SIZE: A | |
|-------------------------------|---------------|---------------------|--------|---------------|---------|---------|--|
| DESIGN (PSF): | +27.00/-31.00 | MAX WIDTH: | 16'-0" | DATE | | NAME | |
| | | MAX HEIGHT: | 14'-0" | DRAWN | 1-19-16 | GAC | |
| IMPACT/CYCLIC RATED (YES/NO): | NO | MAX SECTION HEIGHT: | 28" | CHECKED | | | |

MODELS 9700/9510

SHEET 1 OF 3

WINDLOAD SPECIFICATION OPTION CODE 0537

DRAWING PART NO. 359174

REV. C

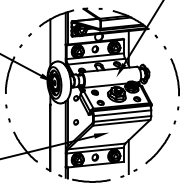
Wayne® Dalton

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

JOHN E. SCATES, PE
2560 KING ARTHUR #124-54
LEWISVILLE, TX 75056
FL PE 51737 TX PE 56308/F-2203

STANDARD LIFT TRACK

2" STEEL ROLLER WITH 4" STEM WITH PUSHNUT 1/2" FROM SLIDE
 13 GA COMMERCIAL 'A' FRAME TOP BRACKET ATTACHED WITH (4) 1/4-20x7/8" SELF DRILLING SCREWS

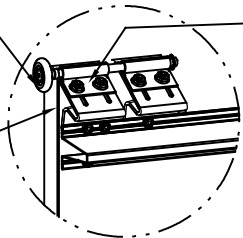


13 GA ROLLER SLIDE ATTACHED TO BRACKET WITH 5/16-18 BOLT & NUT IN CENTER SLOT AND 1/4-20x9/16" TRACK BOLT & NUT THROUGH ANY TWO ALIGNING HOLES

2" 1144 GRADE STEEL ROLLER WITH 9" STEM WITH PUSHNUT 1/2" FROM SLIDE

14GA LHR TOP BRACKET ATTACHED TO DOOR WITH (3) 1/4-20 X 11/16" SELF DRILLING AND (2) #12 X 1/2" PHILLIPS SCREWS

LOW HEADROOM TRACK

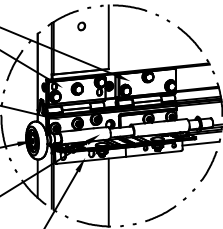


13 GA ROLLER SLIDE ATTACHED TO BRACKET WITH (2) 1/4-20 CARRIAGE BOLTS

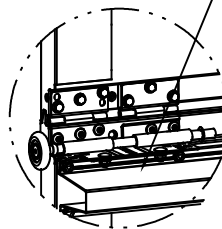
(7) SECTION DOORS WITH (6) 4" 16 GA & (2) 3" 18 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)

(2) 15 GA HINGE LEAFS ATTACHED WITH (3) 1/4-14x5/8" CRIMPTITE SCREWS EACH

14 GA HINGE BASE FACTORY ATTACHED TO DOOR WITH (5) 1/4-14x5/8" CRIMPTITE SCREWS
 2" 1144 GRADE OR EQUIVALENT STEEL ROLLER WITH 9" STEM WITH PUSHNUT 1/2" FROM SLIDE
 13 GA ROLLER CARRIERS FACTORY ATTACHED TO HINGE BASE AND REINFORCING BRACKET. (EXCEPTION: NOTE #9)



BEFORE U-BAR INSTALLATION



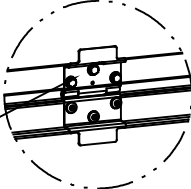
AFTER U-BAR INSTALLATION

DETAIL B

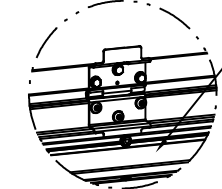
POSITION U-BAR OVER REINFORCING BRACKET AND ATTACH WITH (4) 1/4-20x7/8" SELF DRILLING SCREWS PLUS (2) SCREWS BENEATH STRUT.

13 GA REINFORCING BRACKET ATTACHED BENEATH HINGE BASE. (EXCEPTION: NOTE #9)

15 GA HINGE ATTACHED WITH (6) 1/4-14x5/8" CRIMPTITE SCREWS



BEFORE U-BAR INSTALLATION

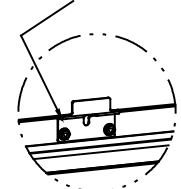


AFTER U-BAR INSTALLATION

DETAIL C

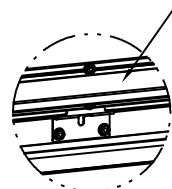
POSITION U-BAR OVER HINGE LEAF AND ATTACH WITH (2) 1/4-20x7/8" SELF DRILLING SCREWS AS SHOWN

15 GA HINGE BRACKET ATTACHED WITH (2) 1/4-20x7/8" SELF DRILLING SCREWS



BEFORE U-BAR INSTALLATION

POSITION U-BAR OVER HINGE BRACKET AND ATTACH WITH (2) 1/4-20x7/8" SELF DRILLING SCREWS AS SHOWN



AFTER U-BAR INSTALLATION

DETAIL D

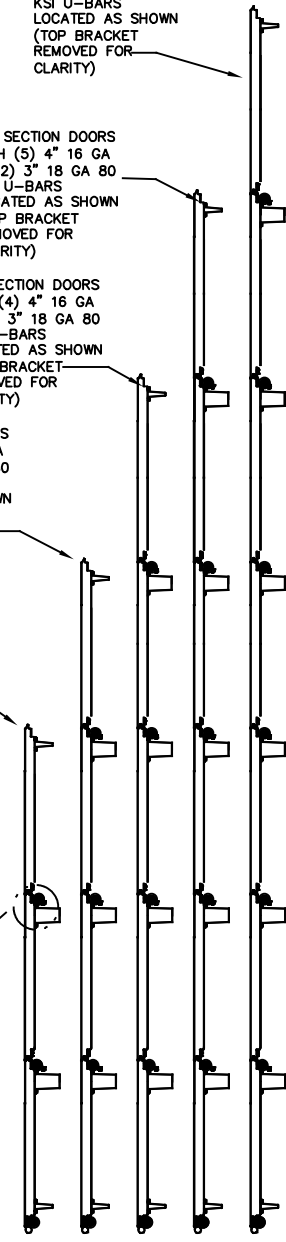
(4) SECTION DOORS WITH (3) 4" 16 GA & (2) 3" 18 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)

(3) SECTION DOORS WITH (2) 4" 16 GA & (2) 3" 18 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)

(6) SECTION DOORS WITH (5) 4" 16 GA & (2) 3" 18 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)

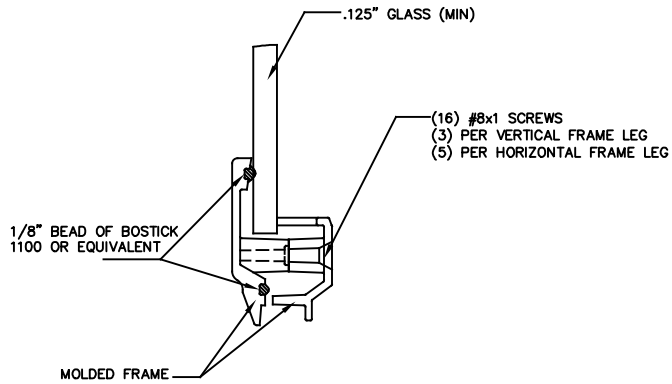
(5) SECTION DOORS WITH (4) 4" 16 GA & (2) 3" 18 GA 80 KSI U-BARS LOCATED AS SHOWN (TOP BRACKET REMOVED FOR CLARITY)

UNLESS NOTED OTHERWISE, ALL U-BARS SHALL BE ATTACHED WITH A MINIMUM OF (4) FASTENERS AT EACH END, (2) FASTENERS AT ALL INTERMEDIATE HINGE LOCATIONS, MIDWAY BETWEEN INTERMEDIATE HINGE LOCATIONS, AND MIDWAY BETWEEN THOSE MIDWAY LOCATIONS. (SEE DIAGRAM SHEET 1). ALL FASTENERS USED TO ATTACH U-BARS SHALL BE 1/4-20x7/8" SELF DRILLING.



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| | | | | | | | |
|---|---------------|----------------|--------|------------------|---------|---------|-----|
| STATIC PRESSURE RATINGS | | APPROVED SIZES | | SCALE: N.T.S. | | SIZE: A | |
| DESIGN (PSF): | +27.00/-31.00 | MAX WIDTH: | 16'-0" | DATE | 1-19-16 | NAME | GAC |
| IMPACT/CYCLIC RATED (YES/NO): | NO | MAX HEIGHT: | 14'-0" | DRAWN | | CHECKED | |
| MODELS 9700/9510 | | | | SHEET 2 OF 3 | | | |
| WINDLOAD SPECIFICATION OPTION CODE 0537 | | | | DRAWING PART NO. | | REV. | |
| | | | | 359174 | | C | |



NON-IMPACT PLASTIC FRAME
(STATIC RATED)

DETAIL E

JOHN E. SCATES, PE
2560 KING ARTHUR #124-54
LEWISVILLE, TX 75056
FL PE 51737 TX PE 56308/F-2203

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VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.



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(850) 474-9890

| | | | | | | | |
|---|---------------|-------------------------|---------|------------------|-------------|---------|--|
| STATIC PRESSURE RATINGS | | APPROVED SIZES | | SCALE: N.T.S. | | SIZE: A | |
| DESIGN (PSF): | +27.00/-31.00 | MAX WIDTH: | 16'-0" | DATE | NAME | | |
| | | MAX HEIGHT: | 14'-0" | DRAWN | 1-19-16 GAC | | |
| IMPACT/CYCLIC RATED (YES/NO): NO | | MAX SECTION HEIGHT: 28" | CHECKED | | | | |
| MODELS 9700/9510 | | | | SHEET 3 OF 3 | | | |
| WINDLOAD SPECIFICATION OPTION CODE 0537 | | | | DRAWING PART NO. | REV. | | |
| | | | | 359174 | C | | |