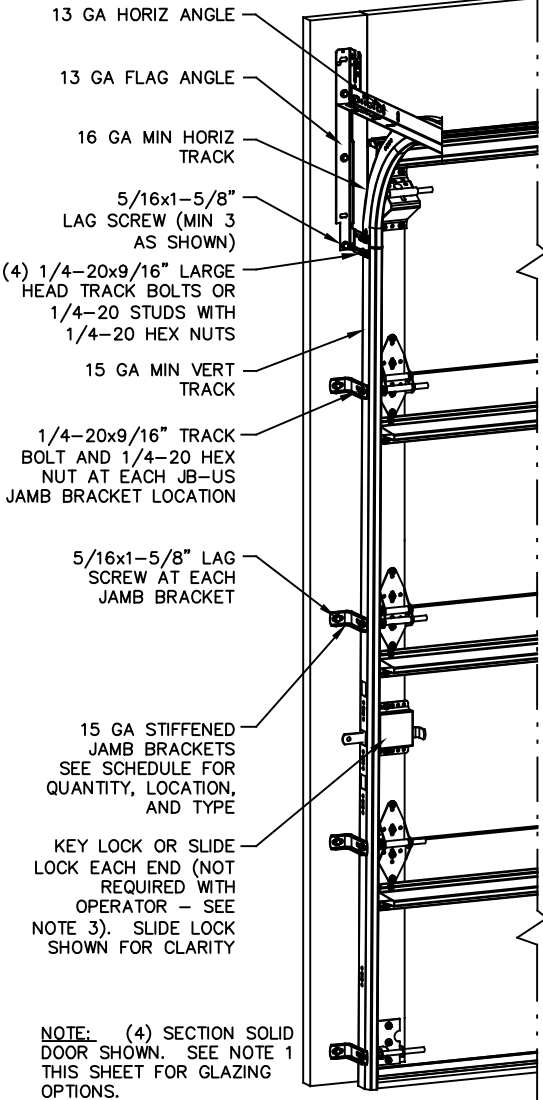


NOTES:  
1. NON-IMPACT REISTANT GLAZING OPTION - .090" MINIMUM SSB GLAZING IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (10) #8x1" SCREWS (3X ALONG THE HORIZONTAL AND 2X ALONG THE VERTICAL) INSTALLED IN TOP OR INTERMEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERTS) MEETS UNIFORM STATIC WIND PRESSURES SHOWN ON THIS DRAWING. MAXIMUM GLAZING DIMENSIONS SHALL BE 15" x 46" CUTOUT. GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.  
2. 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.  
3. KEY LOCK, SLIDE LOCKS, OR OPERATOR REQUIRED.  
4. LOUVER OPTION - .040" MINIMUM LOUVERS IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (10) #8x1" SCREWS (3X ALONG THE HORIZONTAL AND 2X ALONG THE VERTICAL) INSTALLED IN THE BOTTOM SECTION. MAXIMUM LOUVER DIMENSIONS SHALL BE 15" x 19" CUTOUT. LOUVERS ARE NOT IMPACT RESISTANT AND DO NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.  
5. FACER STEEL TO HAVE A MINIMUM 27 GA THICKNESS AND BACKER STEEL TO HAVE A MINIMUM 29 GA THICKNESS.  
6. A 4-1/2" x 6" x 22 GA BACKER PLATE IS TO BE LOCATED AT EVERY INTERMEDIATE AND OUTER END HINGE LOCATION.  
7. 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.  
8. DOOR JAMB TO BE MINIMUM 2x4 STRUCTURAL GRADE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.  
9. FOR LOW HEAD ROOM LIFT CONDITIONS, TOP BRACKET SHALL BE A 13 GA LHR 7/4 TOP BRACKET WITH A MINIMUM OF (3) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS IN LIEU OF THE BRACKET SHOWN ON THIS DRAWING. U-BAR ON TOP SECTION SHALL BE INSTALLED ON TOP OF LHR TOP BRACKETS.

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

| DOOR WIDTH | DOOR HEIGHT | UNIFORM LOAD EACH JAMB (PLF) |
|------------|-------------|------------------------------|
| 10'-2"     | ALL         | +63.0/-70.2                  |
| 12'-2"     | ALL         | +75.4/-84.0                  |
| 14'-2"     | ALL         | +87.8/-97.8                  |
| 15'-2"     | ALL         | +94.0/-104.7                 |
| 16'-2"     | ALL         | +100.2/-111.6                |

NOTE:  
(JB-US) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT AS SHOWN ABOVE.  
ALL DOORS GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SUPPLEMENT TRACK CHART FOR DETAILS.



NOTE: (4) SECTION SOLID DOOR SHOWN. SEE NOTE 1 THIS SHEET FOR GLAZING OPTIONS.

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") |
|-------------|-----------------|----------------------------------|---------------------------------------------------------------------------------------------|
| 6'-6"       | 4               | 4                                | 2" (JB-US), 21-3/4" (JB-US), 48" (JB-US), 57-1/4" (JB-US)                                   |
| 7'-0"       | 4               | 4                                | 2" (JB-US), 21-3/4" (JB-US), 42" (JB-US), 63-1/4" (JB-US)                                   |
| 7'-6"       | 4 OR 5          | 4                                | 2" (JB-US), 26-3/4" (JB-US), 45" (JB-US), 74-1/2" (JB-US)                                   |
| 8'-0"       | 4 OR 5          | 4                                | 2" (JB-US), 21-3/4" (JB-US), 48" (JB-US), 75-1/2" (JB-US)                                   |
| ≥ 8'-0"     |                 |                                  | SEE NOTE BELOW                                                                              |

A  
SHEET 2

B  
SHEET 2

C  
SHEET 2

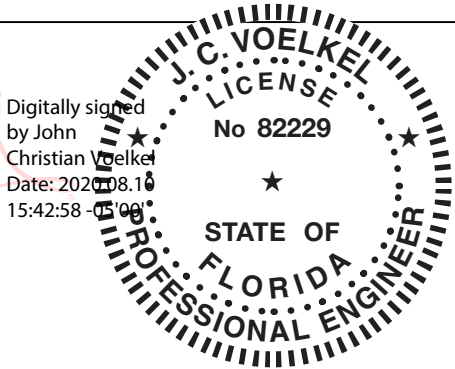
D  
SHEET 2

19 GA END STILE

| REVISIONS |     |                        |            |          |
|-----------|-----|------------------------|------------|----------|
| ER        | REV | DESCRIPTION            | DATE       | APPROVAL |
|           | B   | UPDATED GLAZING        | 6/03/14    | GRT      |
|           | C   | REV TITLE BLOCK        | 10/2/2017  | ESC      |
| 32177     | D   | ADD MODEL# 7655        | 11/15/2019 | TLC      |
| 32442     | E   | ADDED NYLON ROLLER OPT | 8/2/2020   | TLC      |

| STATIC PRESSURE RATINGS           | APPROVED SIZES          |
|-----------------------------------|-------------------------|
| DESIGN PRESSURE(PSF): +12.4/-13.8 | MAX WIDTH: 16'-2"       |
| IMPACT/CYCLIC RATED: NO           | MAX HEIGHT: 24'         |
|                                   | MAX SECTION HEIGHT: 24' |

John  
Christian  
Voelkel



J. CHRISTIAN VOELKEL, PE  
312 N. NEW WARRINGTON RD, UNIT 1A  
PENSACOLA, FL  
FL PE 82229  
TX PE 133174

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

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------|--|---------------------------------------|--|----------------------|--|----------------------------|--|
| REF DWG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | USED ON |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  | FINISH               |  | The Genuine. The Original. |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |         |  | HOLE DIAMETER                         |  | N/A                  |  | LEWISVILLE, TEXAS          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |         |  | UNDER .251 +.004/--.003               |  | WHOLE NUMBERS: ± .25 |  | DRAWN BY:                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |         |  | .251 TO .500 +.006/--.003             |  | .X ± .1              |  | G. TAYLOR                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |         |  | OVER .500 +.008/--.003                |  | .XX ± .03            |  | 10/25/13                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |         |  | FRACTIONS                             |  | .XXX ± .010          |  | CHECKED BY:                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |         |  | ± 1/16                                |  | ANGLES: ± .5°        |  |                            |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |         |  |                                       |  | UNIT OF MEASURE      |  | APPROVED BY:               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |         |  |                                       |  | EACH                 |  |                            |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |         |  |                                       |  | MATERIAL:            |  | DRAWING TITLE:             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |         |  |                                       |  | NONE                 |  | SERIES 5745/5765/7565      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |         |  |                                       |  |                      |  | 7655/515/525               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |         |  |                                       |  |                      |  | DRAWING NUMBER             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |         |  |                                       |  |                      |  | D- 411321                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |         |  |                                       |  |                      |  | SCALE: N.T.S.              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |         |  |                                       |  |                      |  | SHEET 1 OF 2               |  |

D



C

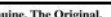


B



A



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |                                                                                                                                                                                                                               |                                                                                |  |                                                                                 |                                           |                                                                                                                |                        |                            |                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------|----------------------------|---------------------------------------|
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| REF DWG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | USED ON | <br>THIRD ANGLE PROJECTION<br>ASME Y14.100 AND Y14.5<br>APPLY, UNLESS OTHERWISE<br>SPECIFIED. DIMENSIONS ARE<br>IN U.S. CUSTOMARY UNITS. | TOLERANCES UNLESS OTHERWISE SPECIFIED                                          |  | FINISH                                                                          | The Genuine. The Original.                | NAME                                                                                                           | DATE                   | DRAWING TITLE:             |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |                                                                                                                                                                                                                               | HOLE DIAMETER                                                                  |  | WHOLE<br>NUMBERS: ± .25<br>.X ± .03<br>.XX ± .1<br>.XXX ± .010<br>ANGLES: ± .5° | N/A<br><br>UNIT OF<br>MEASURE<br><br>EACH | <br>LEVISTVILLE,<br>TEXAS | DRAWN BY:<br>G. TAYLOR | 10/25/13                   | SERIES 5745/5765/7565<br>7655/515/525 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |                                                                                                                                                                                                                               | UNDER .251 +.004/- .003<br>.251 TO .500 +.006/- .003<br>OVER .500 +.008/- .003 |  |                                                                                 |                                           |                                                                                                                |                        |                            |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |                                                                                                                                                                                                                               | FRACTIONS                                                                      |  |                                                                                 |                                           |                                                                                                                |                        |                            |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         | ± 1/16                                                                                                                                                                                                                        |                                                                                |  |                                                                                 |                                           | CHECKED BY:                                                                                                    |                        | DRAWING NUMBER             |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |                                                                                                                                                                                                                               |                                                                                |  |                                                                                 |                                           | APPROVED BY:                                                                                                   |                        | D- 411321                  |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |                                                                                                                                                                                                                               |                                                                                |  |                                                                                 |                                           |                                                                                                                |                        | SCALE: N.T.S. SHEET 2 OF 2 |                                       |