

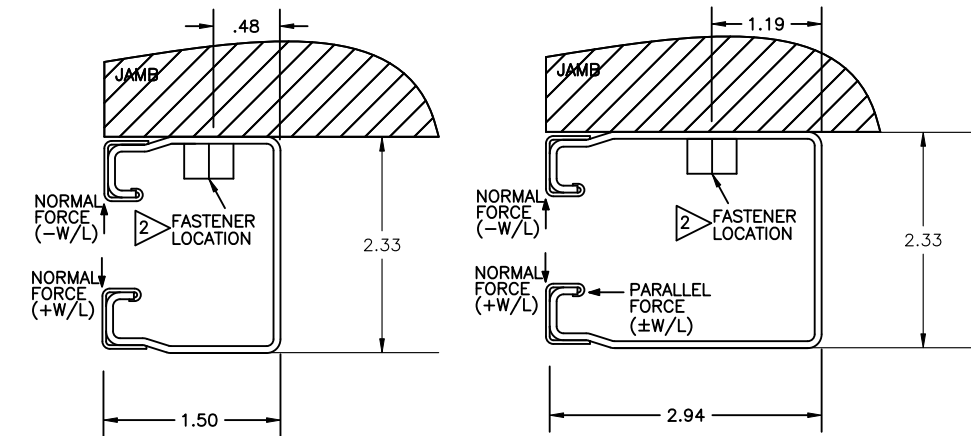
1. DESIGNED AND TESTED IN ACCORDANCE WITH FLORIDA BLDG CODE AND INTERNATIONAL BLDG CODE.
2. SPACING IS THE CENTER TO CENTER DIMENSION. BOTTOM FASTENER WITHIN 6 INCHES OF FLOOR.
3. PRESSURES LISTED AS  $\pm$  DESIGN PSF.
4. CONCRETE JAMBS SHALL BE 3000 PSI STRENGTH MINIMUM.
5. WOOD JAMBS SHALL BE SOUTHERN PINE (SP. GR.=0.55) MINIMUM.
6. STEEL MUST COMPLY WITH AISI S100 AND HAVE A MINIMUM ULTIMATE STRENGTH OF 58KSI.
7. APPROVED CONCRETE ANCHORS: HILTI KBT22.
8. APPROVED MASONRY SCREW: ITW BUILDEX TAPCONPLUS.
9. STEEL GAUGE THICKNESS PER DASMA TDS #154.

GUIDE 1: NORMAL = 72 LBS/FT OF DOOR HEIGHT  
PARALLEL = 0 LBS/FT OF DOOR HEIGHT

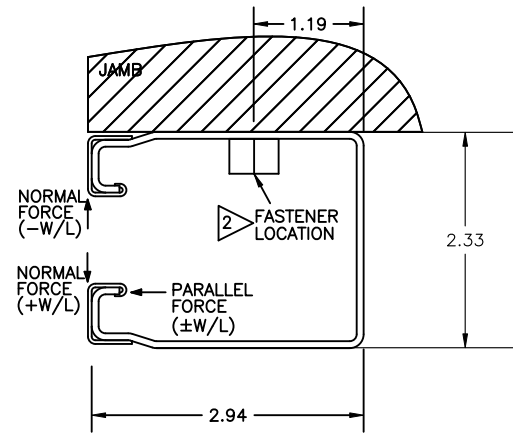
GUIDE 2: NORMAL = 144 LBS/FT OF DOOR HEIGHT  
PARALLEL = 0 LBS/FT OF DOOR HEIGHT

GUIDE 3: NORMAL = 180 LBS/FT OF DOOR HEIGHT  
PARALLEL = 125 LBS/FT OF DOOR HEIGHT

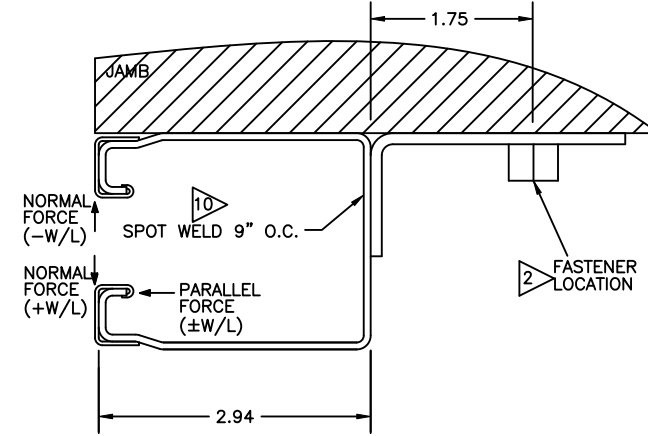
11. 1/4" GRADE 2 BOLTS SPACED 9" O.C. MAY BE USED IN LIEU OF SPOT WELDING.



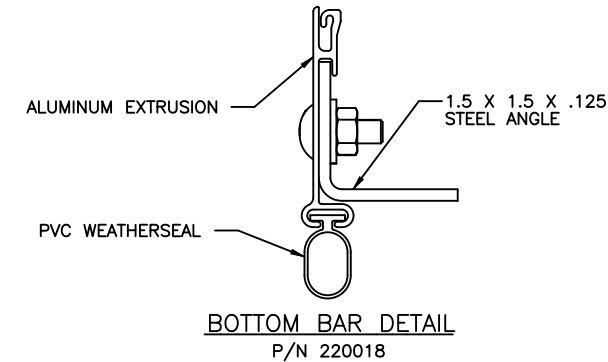
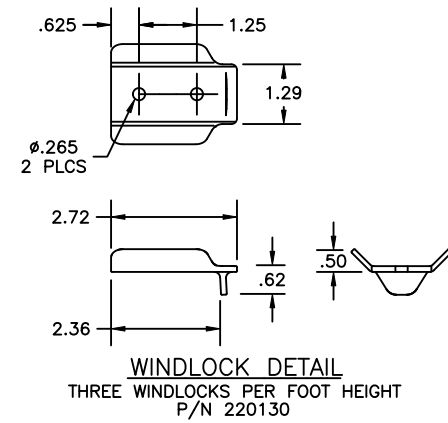
SHALLOW GUIDE (18 GA) ASSY DETAIL  
DWG# 220012  
WINDLOCK NOT REQUIRED



SECTION A-A GUIDE 2  
(OVER 4' WIDE EXCEPT 10' WIDE, 36PSF, CONCRETE)  
DEEP GUIDE (14 GA) ASSY DETAIL  
DWG# 220080  
WINDLOCK REQUIRED



SECTION A-A GUIDE 3  
(10' WIDE, 36PSF CONCRETE ONLY)  
DEEP GUIDE (14 GA) W/WALL ANGLE  
(1.33 x 2.75 x 11 GA) ASSY DETAIL  
DWG# 220080  
WINDLOCK REQUIRED

A circular professional engineer seal for John E. Scates. The outer ring contains the text "JOHN E. SCATES" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside this is a dashed circle containing the word "LICENSE" at the top, "No. 51737" in the center, and "STATE OF FLORIDA" at the bottom, also separated by two stars. The entire seal is surrounded by a border of short, parallel lines.

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

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

FL # 12111

Digitally signed by John E Scates  
Date: 2023.02.08 20:27:03 -05'00'

| GUIDE 1 SPECIFICATIONS |           |              |              |             |              |
|------------------------|-----------|--------------|--------------|-------------|--------------|
|                        | JAMB TYPE | +20/ -20 PSF | +26/ -26 PSF | +31/ -31PSF | +36/ -36 PSF |
| 3'WIDE                 | STEEL     | S1           | S1           | S1          | S1           |
|                        | CONCRETE  | C1           | C1           | C1          | C1           |
|                        | WOOD      | W1           | W1           | W1          | W1           |
| 4'WI DE                | STEEL     | S1           | S1           | S1          | S2           |
|                        | CONCRETE  | C1           | C1           | C1          | C1           |
|                        | WOOD      | W1           | W1           | W1          | W1           |

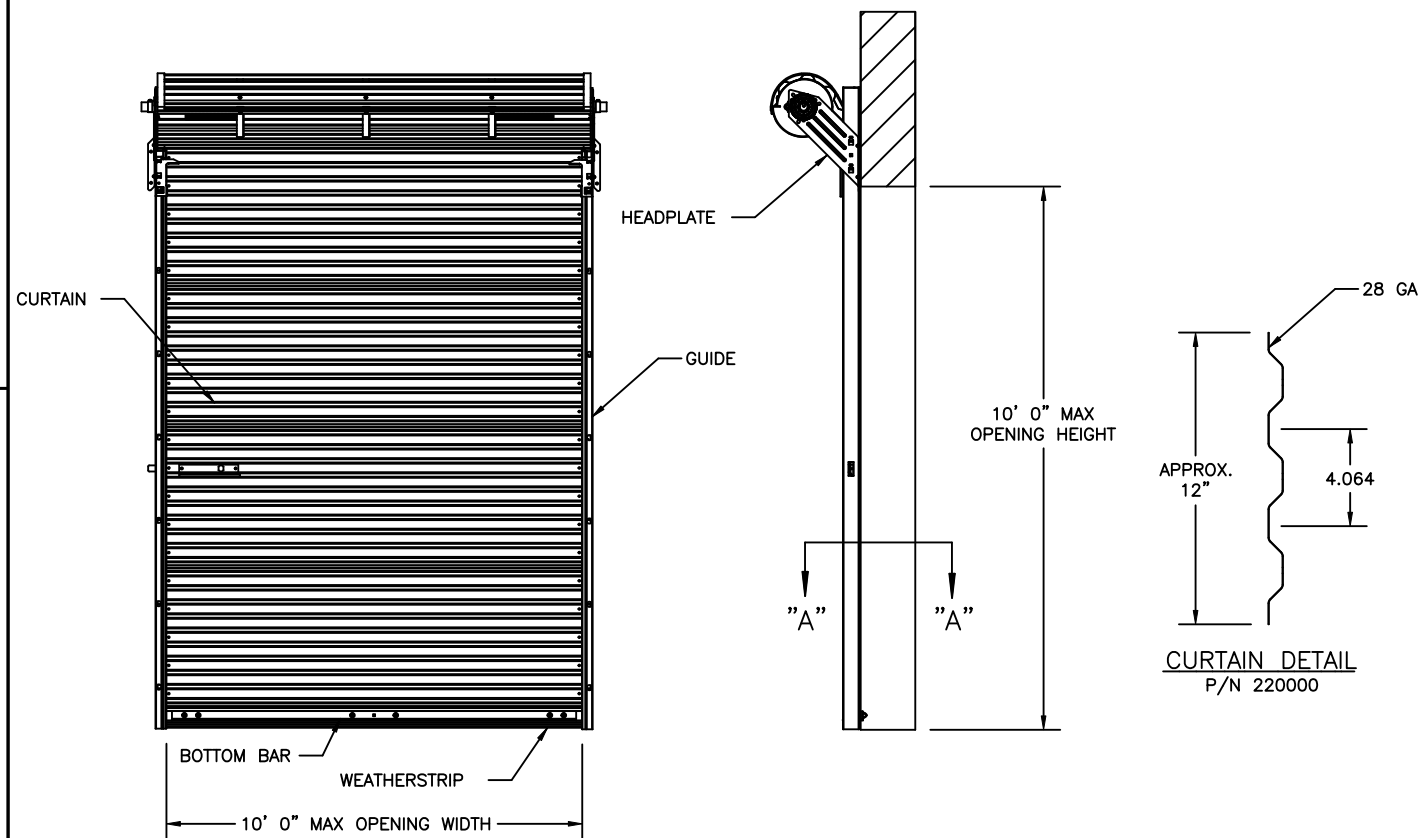
| GUIDE 2 SPECIFICATIONS |           |              |              |             |              |
|------------------------|-----------|--------------|--------------|-------------|--------------|
|                        | JAMB TYPE | +20/ -20 PSF | +26/ -26 PSF | +31/ -31PSF | +36/ -36 PSF |
| 6' WIDE                | STEEL     | S1           | S1           | S2          | S3           |
|                        | CONCRETE  | C1           | C1           | C1          | C1           |
|                        | WOOD      | W1           | W1           | W1          | W1           |
| 8' WIDE                | STEEL     | S1           | S3           | S3          | S4           |
|                        | CONCRETE  | C1           | C1           | C1          | C1           |
|                        | WOOD      | W1           | W1           | W1          | W1           |
| 10' WIDE               | STEEL     | S2           | S4           | S4          | S4           |
|                        | CONCRETE  | C1           | C1           | C1          | C1           |
|                        | WOOD      | W1           | W1           | W1          | W1           |

| GUIDE 3 SPECIFICATIONS |             |             |             |            |             |
|------------------------|-------------|-------------|-------------|------------|-------------|
|                        | JAMB TYPE   | +20/-20 PSF | +26/-26 PSF | +31/-31PSF | +36/-36 PSF |
| 10' WIDE               | CONC SCREW  | -           | -           | -          | -           |
|                        | CONC ANCHOR | -           | -           | -          | C3          |

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|         |         |                                                                                                           |                                       |                    |                                                                                                                  |               |          |          |                          |              |
|---------|---------|-----------------------------------------------------------------------------------------------------------|---------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------------------|--------------|
|         |         | THIRD ANGLE PROJECTION                                                                                    | TOLERANCES UNLESS OTHERWISE SPECIFIED | FINISH             | <br>the original since 1911 | DALLAS, TEXAS | NAME     | DATE     | DRAWING TITLE:           |              |
|         |         |                      | WHOLE NUMBERS: $\pm .25$              | NONE               |                                                                                                                  | DRAWN BY:     | K WILSON | 07/17/03 | WINDLOAD, 770 SS.        |              |
|         |         | ASME Y14.100 AND Y14.5<br>APPLY, UNLESS OTHERWISE<br>SPECIFIED DIMENSIONS ARE<br>IN U.S. CUSTOMARY UNITS. | .X $\pm .1$                           | UNIT OF<br>MEASURE |                                                                                                                  | CHECKED BY:   | M WOMACK | 08/01/03 | +/-20 PSF THRU +/-36 PSF |              |
| REF DWG | USED ON |                                                                                                           | .XX $\pm .03$                         |                    |                                                                                                                  | MATERIAL:     |          |          | DRAWING<br>NUMBER        | D- 220177    |
|         |         |                                                                                                           | .XXX $\pm .010$                       |                    | N/A                                                                                                              | APPROVED BY:  | JD FAW   | 08/04/03 | SCALE: NONE              | SHEET 1 OF 1 |
|         |         |                                                                                                           | ANGLES: $\pm 1^\circ$                 | EACH               |                                                                                                                  |               |          |          |                          |              |
|         |         |                                                                                                           | HOLES: $\pm$                          |                    |                                                                                                                  |               |          |          |                          |              |

| J A M B A N D F A S T E N E R D E F I N I T I O N S |                                   |
|-----------------------------------------------------|-----------------------------------|
| S 1                                                 | 1/ 4"-20 TEKS SELF-DRILLING SCREW |
|                                                     | 12" SPACING                       |
|                                                     | JAMB STEEL 18 GA THICK MIN.       |
| S 2                                                 | 1/ 4"-20 TEKS SELF-DRILLING SCREW |
|                                                     | 12" SPACING                       |
|                                                     | JAMB STEEL 16 GA THICK MIN.       |
| S 3                                                 | 1/ 4"-20 TEKS SELF-DRILLING SCREW |
|                                                     | 12" SPACING                       |
|                                                     | JAMB STEEL 14 GA THICK MIN.       |
| S 4                                                 | 1/ 4"-20 TEKS SELF-DRILLING SCREW |
|                                                     | 12" SPACING                       |
|                                                     | JAMB STEEL 12 GA THICK MIN.       |
| C 1                                                 | 1/ 4" TAPCONPLUS, 1.75" EMBED     |
|                                                     | 12" SPACING                       |
| C 2                                                 | 3/ 8" TAPCONPLUS, 2.5" EMBED      |
|                                                     | 12" SPACING                       |
| C 3                                                 | 3/ 8" HILTI KBTZ2, 3" EMBED       |
|                                                     | 12" SPACING                       |
| W 1                                                 | 1/ 4" X 1.75" LAG SCREW           |
|                                                     | 12" SPACING                       |



CURTAIN DETAIL  
P/N 220000

|         |         |                                                                                                          |  |                                       |  |
|---------|---------|----------------------------------------------------------------------------------------------------------|--|---------------------------------------|--|
|         |         | THIRD ANGLE PROJECTION                                                                                   |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |
|         |         |                                                                                                          |  | WHOLE NUMBERS: ± .25                  |  |
|         |         | ASME Y14.100 AND Y14.5<br>APPLY, UNLESS OTHERWISE<br>SPECIFIED DIMENSIONS ARE<br>IN U.S. CUSTOMARY UNITS |  | .X ± .1                               |  |
|         |         |                                                                                                          |  | .XX ± .03                             |  |
|         |         |                                                                                                          |  | .XXX ± .01                            |  |
|         |         |                                                                                                          |  | ANGLES: ± 1°                          |  |
| REF DWG | USED ON |                                                                                                          |  | HOLES: ±                              |  |

|  |                 |
|--|-----------------|
|  | FINISH          |
|  | NONE            |
|  | UNIT OF MEASURE |
|  | EACH            |

|                                                                                       |           |     |
|---------------------------------------------------------------------------------------|-----------|-----|
|  | MATERIAL: | N/A |
|---------------------------------------------------------------------------------------|-----------|-----|



DALLAS,  
TEXAS

|                            |
|----------------------------|
| NAME                       |
| DRAWN BY:<br>K WILSON      |
| CHECKED BY:<br>M WOMACK    |
| APPROVED BY:<br>JD FAWCETT |

|    |      |
|----|------|
|    | DATE |
| N  | 07/1 |
| CK | 08/0 |
|    | 08/0 |

|      |                   |
|------|-------------------|
| DATE | DRAWING           |
| 7/03 | +/-               |
| 1/03 | DRAWING<br>NUMBER |
| 4/03 | SCALE:            |

WINDLOAD  
20 PSF TH

D- 2

NONE

0, 770 SS,  
RU  $\pm 36$

20177

SHEET 1 OF 1

|     |  |  |
|-----|--|--|
| PSF |  |  |
|-----|--|--|