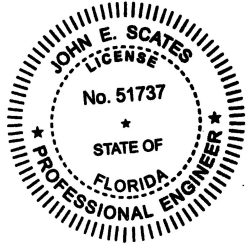
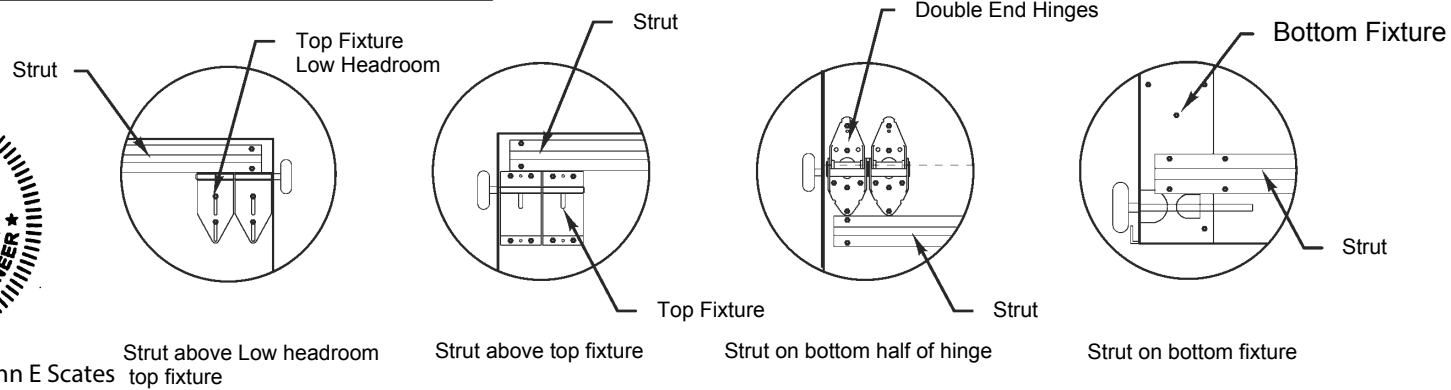
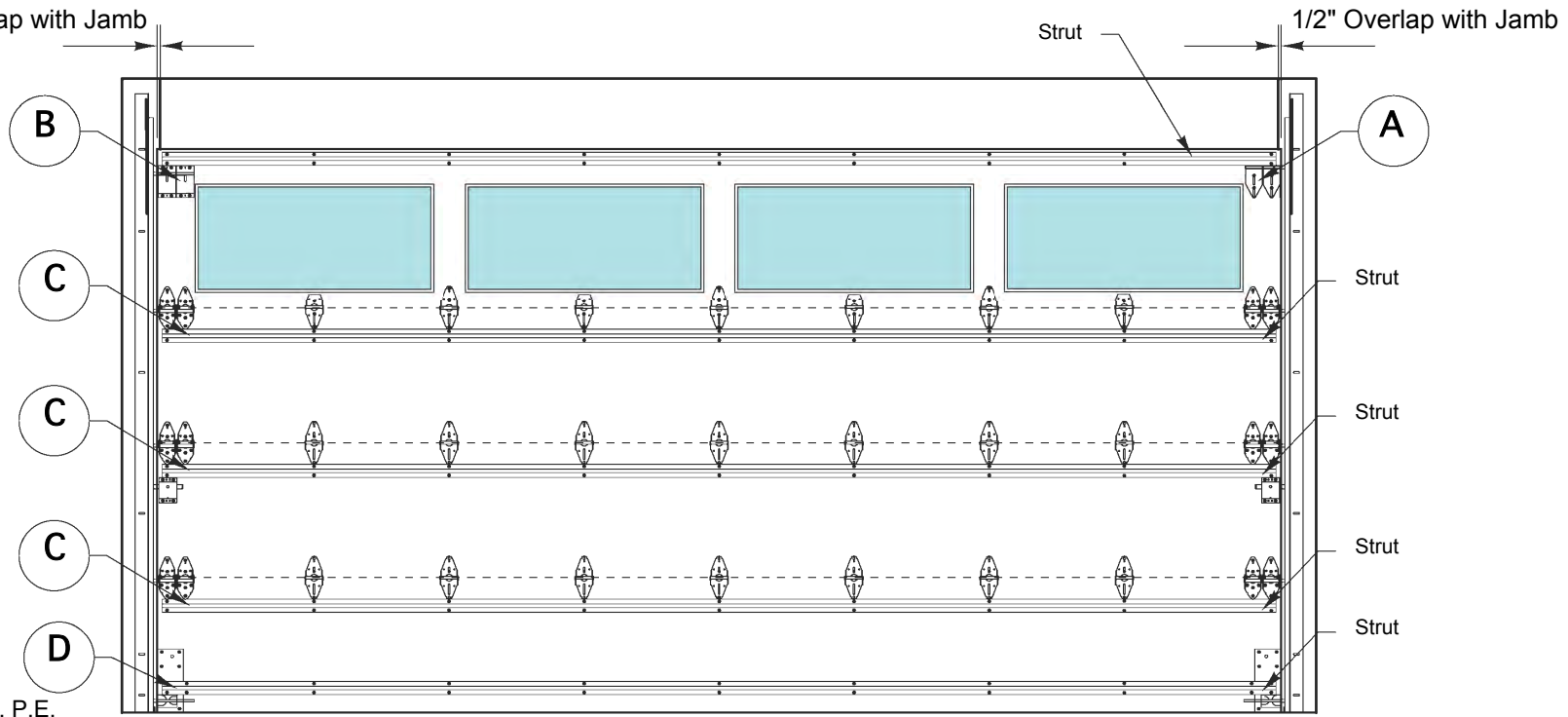


Ranch House Doors®**Windload
24-1218B-16x8W REV2**

Digitally signed by John E Scates
Date: 2025.07.18 09:59:11 -04'00'

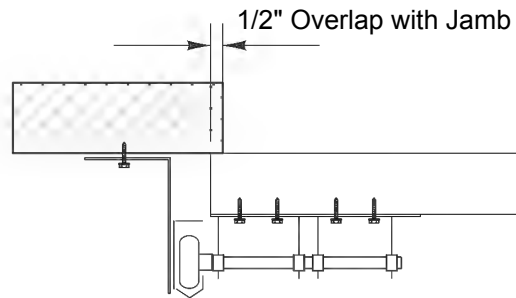
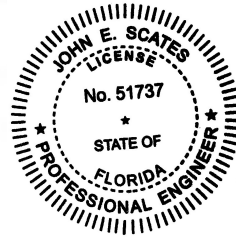
**Detail A
(Low Headroom)****Detail B****Detail C****Detail D**

1/2" Overlap with Jamb



JOHN E. SCATES, P.E.
8811 TEEL PKWY #100-5175
FRISCO, TX 75036
FLPE 51737
TXPE 56308 / F2203

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14

12 * OPTION 12A

1/2" Overlap with Jamb

1/2" Overlap with Jamb

17
* OPTION 17A

18 * OPTION 18A

1

3

16

* OPTION 16A

4

5

9

7

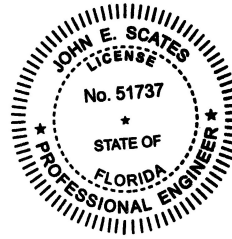
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11

16

* OPTION 16A

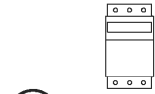
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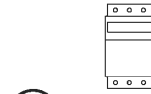
**** NOT TO SCALE ****



TT



① Top Fixture - 13ga



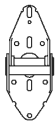
①Q QuietTop Fixture



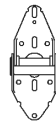
② Top Fixture : LOW HEAD



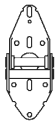
②Q Quiet Top Fixture : LOW HEAD



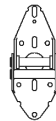
③ #4 Hinge 11 ga - Double up



③Q #4 Quiet Hinge 11 ga - Double up



④ #3 Hinge 11 ga - Double up



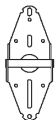
④Q #3 Quiet Hinge 11 ga - Double up



⑤ #2 Hinge 11 ga - Double up



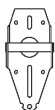
⑤Q #2 Quiet Hinge 11 ga - Double up



⑥ #1 Hinge 11 ga



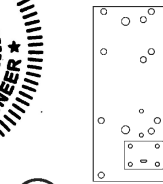
⑥Q #1 Quiet Hinge 11 ga



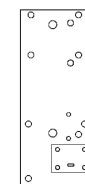
⑦ Topless-Hinge 11 ga



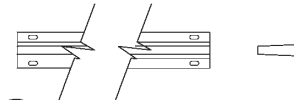
⑦Q Quiet Topless-Hinge 11 ga



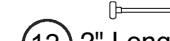
⑨ BB-6 Notched Offset Double Door-10ga



⑨Q Quiet BB-6 Notched Offset Double Door-10ga



⑪ 3" Strut-16ga
Must drill hole thru strut to
attache 1/4"x1-1/8" wood lag



⑫ 2" Long Stem White Precision Rollers w/ Dust Cap



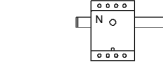
⑫A 3" Long Stem Precision Rollers w/ Dust Cap



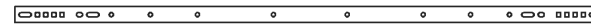
⑬ 1/4" x 1-1/8" Wood Lag



⑭ 5/16" x 1-5/8" Wood Lag



⑮ Lock



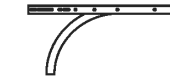
⑮ Verticals-2" Clip Style Angle w/ Brackets
105"-88"-.075 Track



⑮ Horizontal
2" 112 Angle 12ga,
.083 Track, 9'6



⑮A Verticals-3" Clip Style Angle w/ Brackets
105"-88"-.102 Track



⑮A Horizontal
3" 112 Angle 12ga,
.102 Track, 9'6



⑮ Horizontal Low Head
2" Tor. Front 3.5" or 6",
.083 Horz, .058 Dub-Reinforced



⑮A Horizontal Low Head
3" Tor. Front 3.5" or 6",
.102 Horz, .058 Dub-Reinforced



24-1218B-16x8W

Test CCL-006

1. The product has been tested to ANSI/DASMA 108.
2. Design Pressure **+23.3 / -26.0** psf (ASD) at 16-ft wide.
3. Base door construction: 1-3/4" thickness flush using 1-3/32" internal thick rails. Additional decorative components up to 1-1/2" thick may be added to the exterior of the base door as desired.
4. Door sections may be up to 28-inches tall.
5. Hardware attachment:
 - a. All fasteners to attach hardware to the interior of the door are 1/4" x 1-1/8" long lag screws, Item 13.
 - b. Standard Lift Top fixtures attached with (4) screws.
 - c. Low Headroom Top Fixtures attached with (2) screws.
 - d. End Hinges attached with (6) screws each.
 - e. Center Hinges attached with (4) screws each.
 - f. Bottom Fixtures attached with (4) screw minimum.
 - g. Struts attached with (2) screws at each stile (18 screws total at 16-ft wide).
6. "Quiet" hardware may be used in lieu of standard hardware.
7. Low Headroom may be used in lieu of Standard-Lift.
8. Standard track is commercial Angle-Out mount.
 - a. Vertical Track-to-Angle mounting uses (4) spanner clips including the Joint.
 - b. Angle is secured to Southern Pine jambs with (3) 5/16"x1-5/8" long lag screws located in-line with the spanner clips. An additional 5th lag screw is located approximately 3-inches up from the floor.
9. Bracket-mounted track may also be used, with (1) bracket at each of the (5) Lag screw locations.
10. The door is reinforced with (5) 3"x16ga struts located as shown. For doors over (4)-sections tall, added sections require (1) strut each, up to a maximum door height of 16-feet.
11. This door offers glazing in the top section with DSB Annealed Glass or better. Clear opening size is 39-3/4" wide x 17-1/2" tall. The glazed section uses (1) strut.

	16	23.3	-26.0
Width		+psf	-psf
20	14.9	-16.6	
18	18.4	-20.5	
16	23.3	-26.0	
14	26.6	-29.7	
12	31.1	-34.7	

