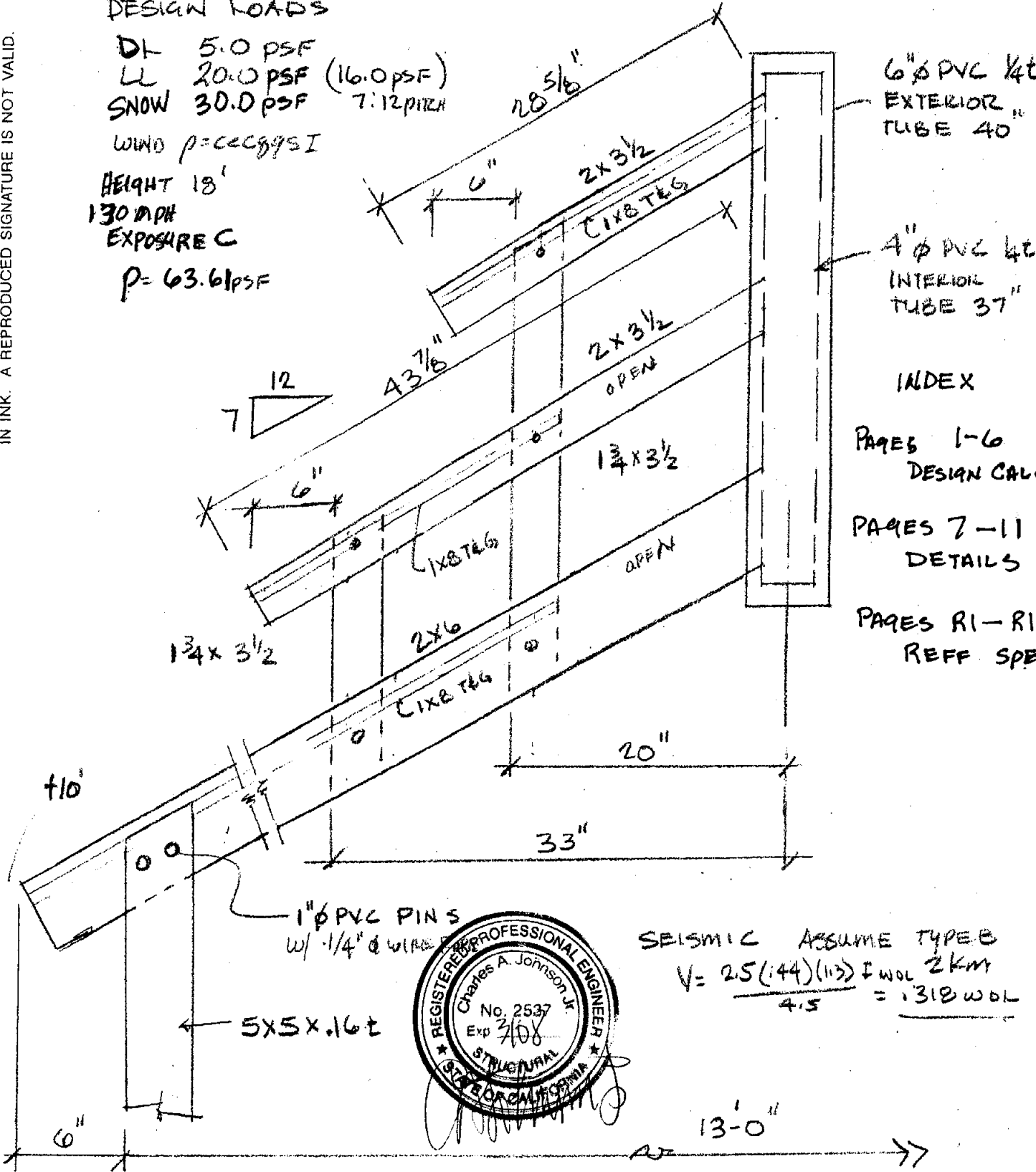


NOTICE THESE CALCULATIONS AND/OR DRAWINGS TO BE VALID MUST BEAR THE PRINCIPALS SIGNATURE IN INK. A REPRODUCED SIGNATURE IS NOT VALID.

DESIGN LOADS
 DL 5.0 PSF
 LL 20.0 PSF (16.0 PSF)
 SNOW 30.0 PSF 7:12 PITCH

WIND $p = ce c g s i$
 HEIGHT 18'
 130 MPH
 EXPOSURE C

$p = 63.6 \text{ PSF}$



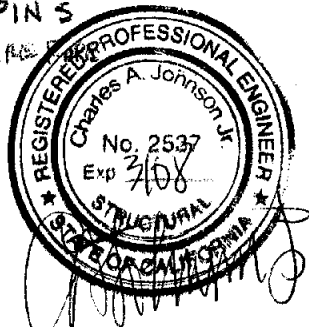
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SEISMIC ASSUME TYPE B

$$V = \frac{2.5(1.44)(115) \pm WOL}{4.5} \pm WOL = 1.318 WOL$$

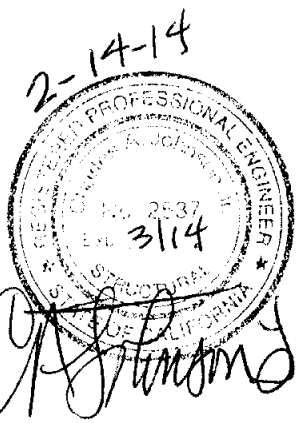
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DESIGN LOADS

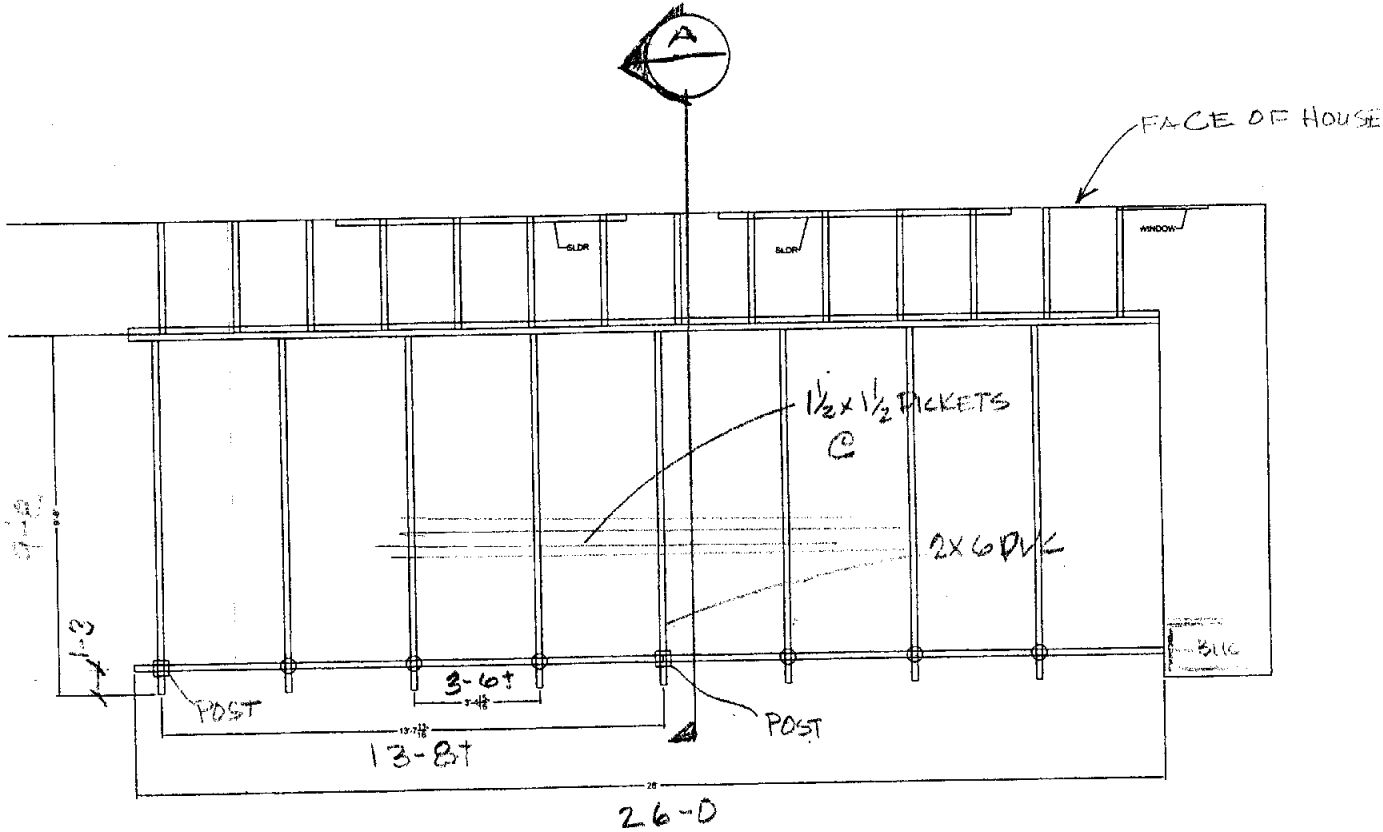
1/2" x 1/2" TICKETS 0.1563
 2x6 @ 42"oc .562

MAX DL = 1.0 PSF THIS

USE DL 3.0
 LL 10.0 (NOT A WALKABLE SURFACE)



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WIND $P = 10.88$ $W_w = 10.88 \left(\frac{15+6}{12} \right) = 6.8 \text{ PLF}$

SEISMIC $C_s = 1.6832$
 $P_s = .6832 (3) = 2.05$

$W_1 = 2.05 (26) = 52.29 \text{ PLF}$

$W_2 = 2.05 (9.67) = 19.82 \text{ PLF}$