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| PROJECT: CASCADIA CAN SCORING | | SHEET NO. 1 |
| BY: CA | DATE: 9/20/22 | JOB NO. 22258 |

Scoreboard columns and footings calculations

8' x 25' slab WIND = 17.5 psf

$$H = 1.0175(25)(8) = 3.5k$$

$$P = 3.5/2 = 1.75k$$

$$h = 14'$$

$$M = 1.75(14)(12) = 294k'$$

$$S_{REQD} = 294 / (44(6)) = 10.6 in^3$$

HSS 6x6x3/8

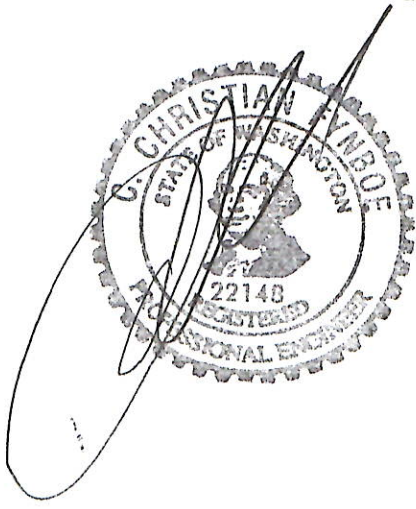
OR HSS 8x8x1/4

OR W 8x27 ←

$$d = \frac{234(17.5)}{800(3)} = 1.17$$

$$d = \frac{1.17}{2} \left[1 + \sqrt{1 + \frac{4.34(4)}{1.17}} \right] = 6.0$$

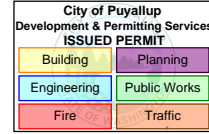
30" φ x 6' DEEP
CON FT6 ←



PRCNC20220578

City of Puyallup
Building
REVIEWED
FOR
COMPLIANCE

BSnowden
12/23/2024
9:11:18 AM



Calculations required to be provided by the Permittee on site for all Inspections