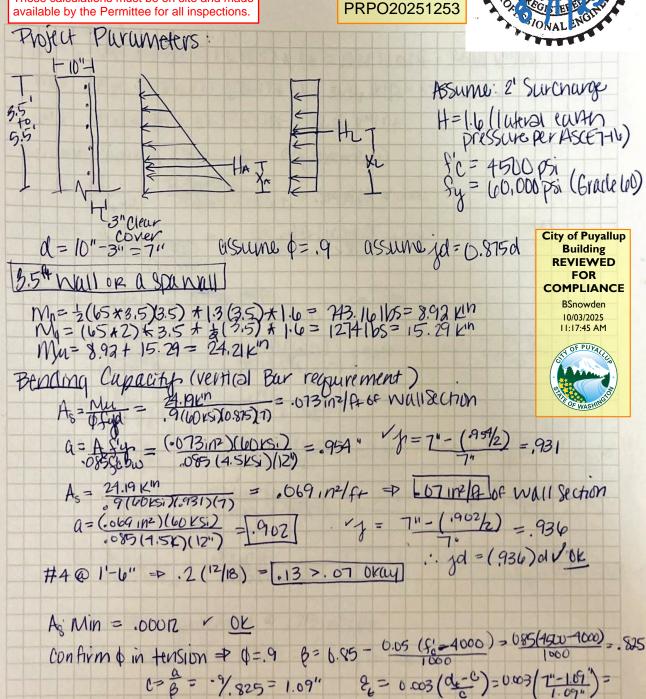


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Reinforcement Schedule WBR 25028





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Proj. No.		_
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Subject:_

Reinforament Schedule (con't)

5.5' Wall
Mn= { (6575 * 5.5)(5.5) + 3 (5.5) + 1.4 = 2883.83 #5/ ft = 34.61 KM/ ft
M= (65psi +21)(5,5) + 2(5,5) + 1.6 = 31.46 +8/f4 = 37.75 1211/P4
MM= 34.61 Km Ft + 37.75 Km Ft = 72.36 Km Ft
Bending Capacity (Verhod Bur Regulrement)
As = My = 22.36pm/ft = .219 in/ft or wall
$0 = A f'_{1} = \frac{219 \text{ m}^{2} f_{1}(60 \text{ KS}_{1})}{0.085(4.5 \text{ KS}_{1})(12')} = 286'' \text{if} = \frac{1 - (286)_{2}}{7} = .796$
A5 = 1/1 = 12.36 ×1/1 ft = 1210 1m2/ft
a = 16 Fy = .240 in 2 1 ft (60 KSI) = 3.14"
As = My - 72.63 King = .247 in / August
$a = A_{5} \frac{f'y}{(1.5)(2!)} = \frac{(.247 \text{ in}^{2}/4)(60\text{s}_{1})}{0.089(4.5)(2!)} = 3.23" \qquad j = 7" - (3.23/3) = .769$
1/5 = Mm = 72.63 kin/fr = 1.249 m²/fr of wall = 1.25 m²/fr (15/4/d = .9(60KS))(.749X7)
$0 = \frac{As f'y}{0.085 \% b_{w}} = \frac{.25 \text{ in 2 ft}}{0.085 (45) \text{ six } (12"} = \boxed{3.25"} \qquad \text{if} = 7" - (3.25 \%) = .768 $
Vertical Bur requirement => .25 in2/ft #4@ Max 8" = .2(12/8) = .3 in2/ft OK