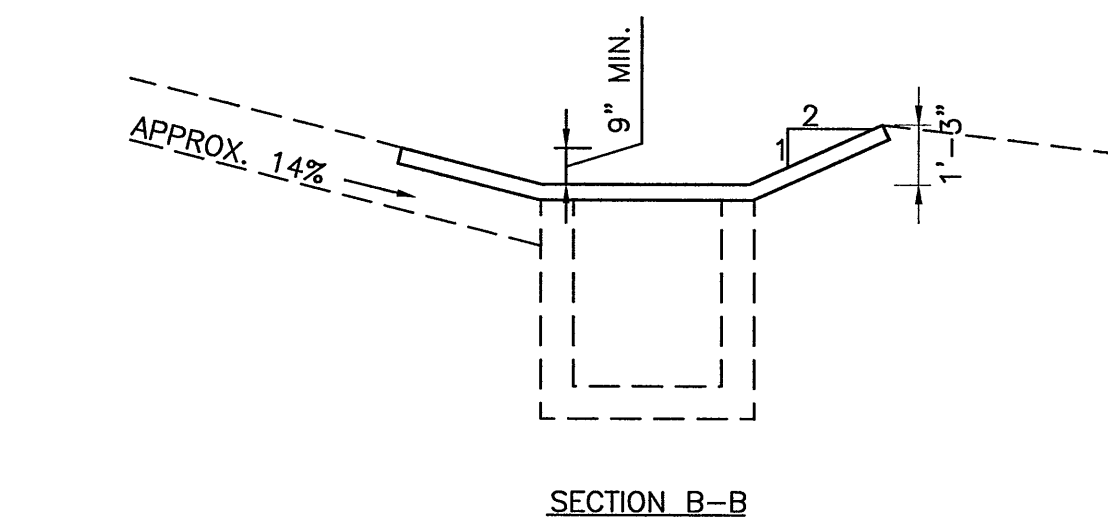
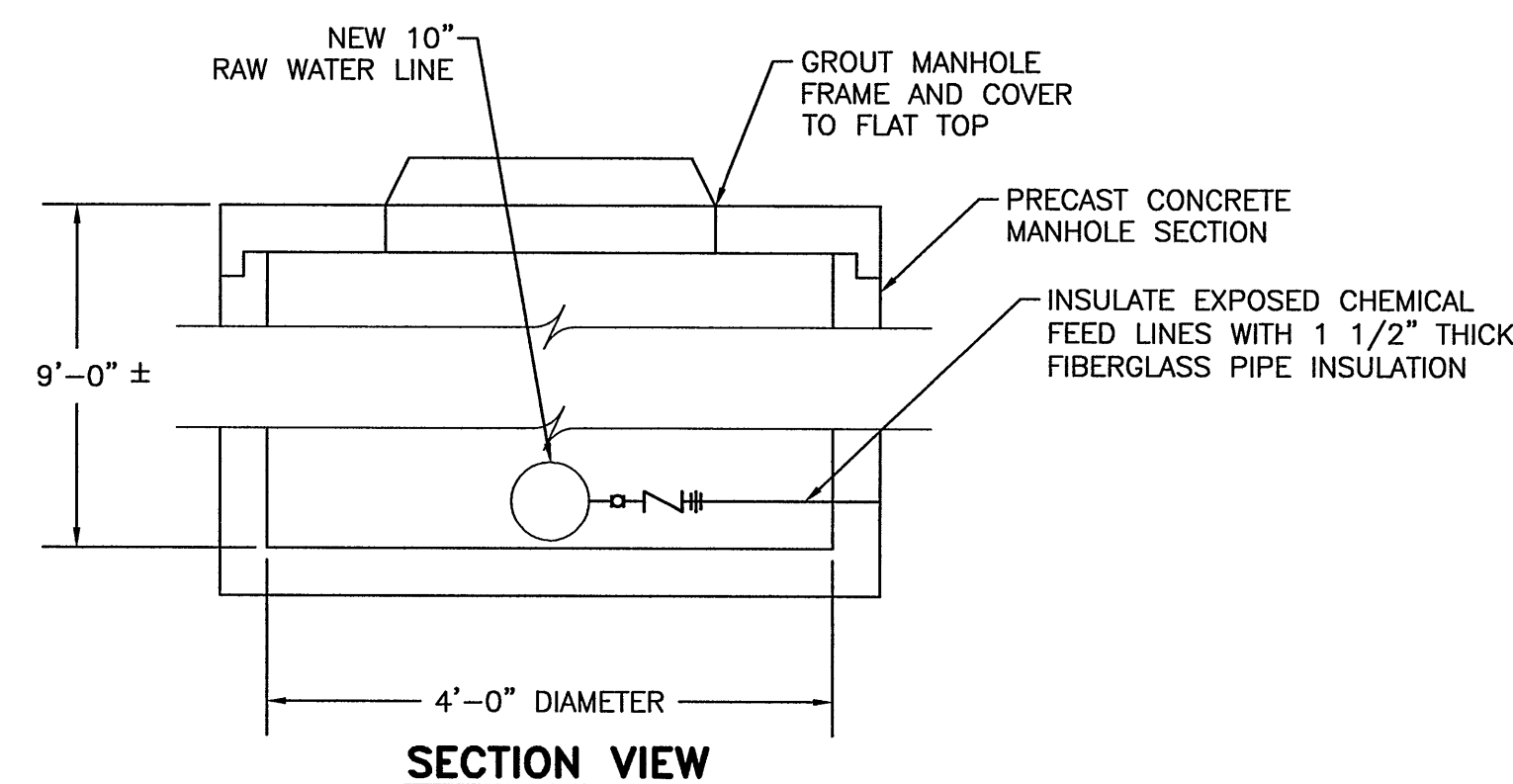
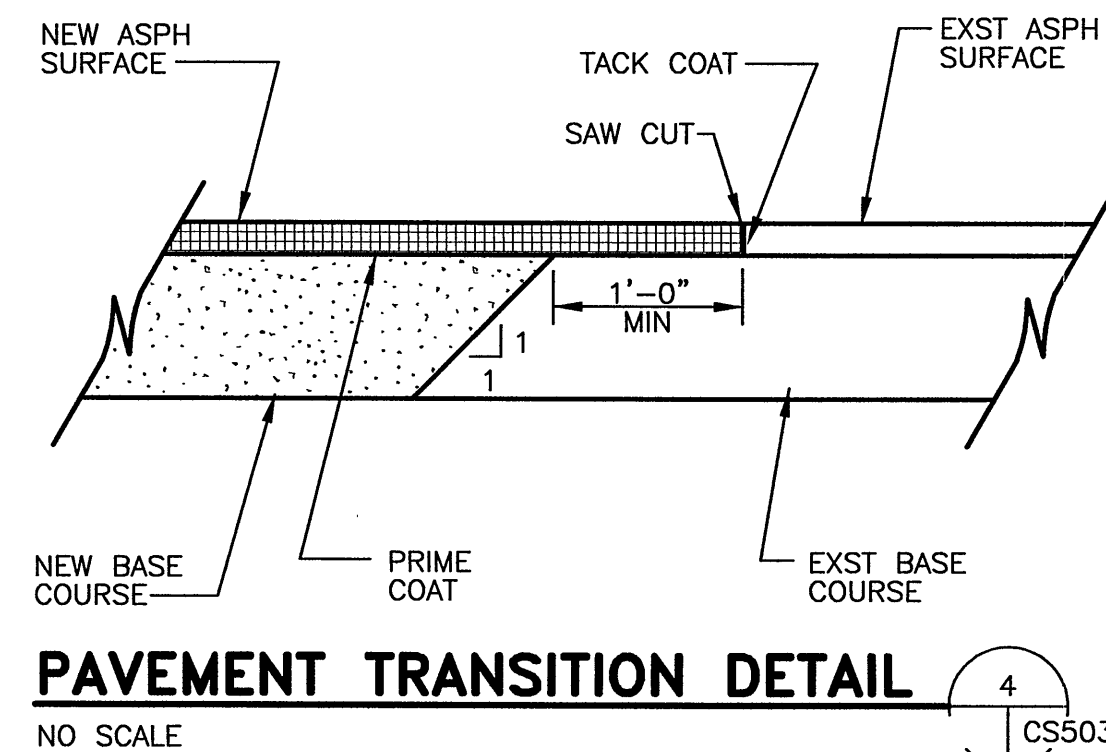




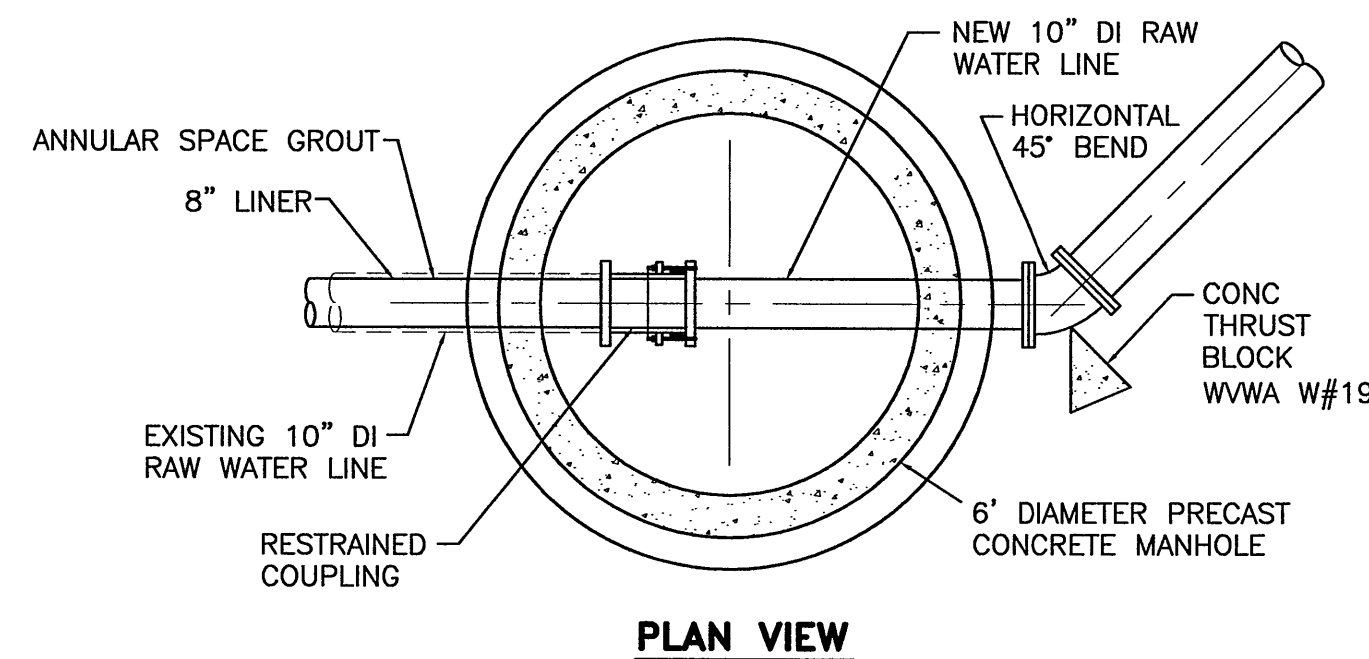
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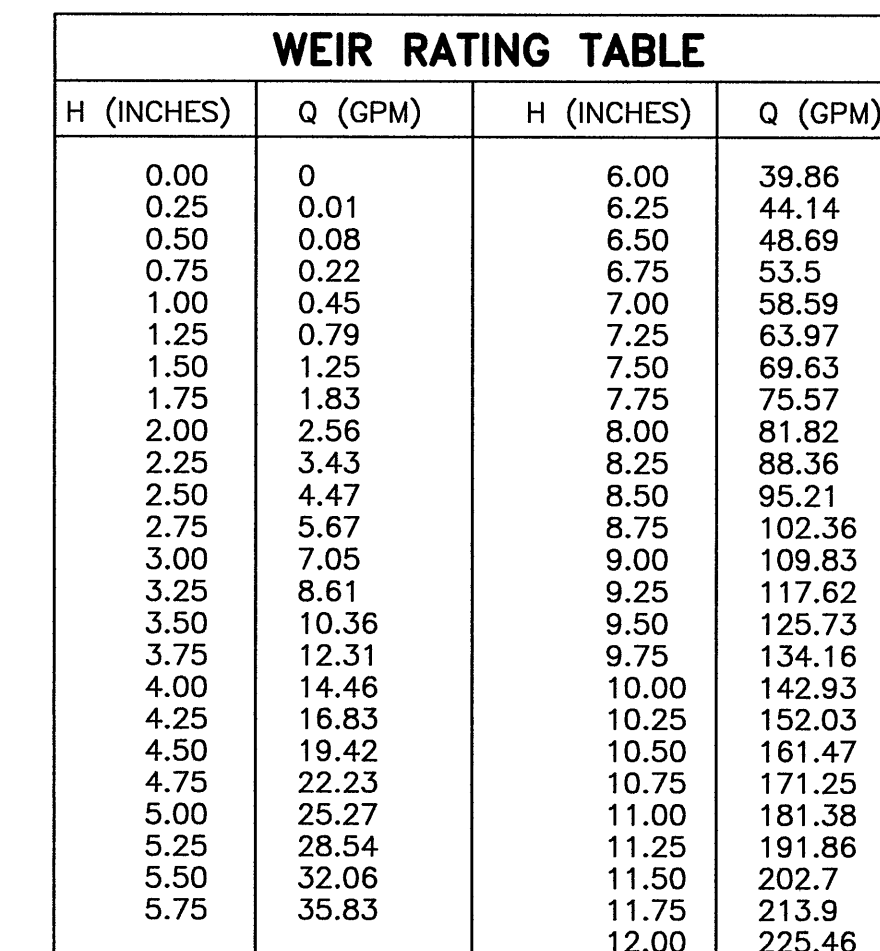
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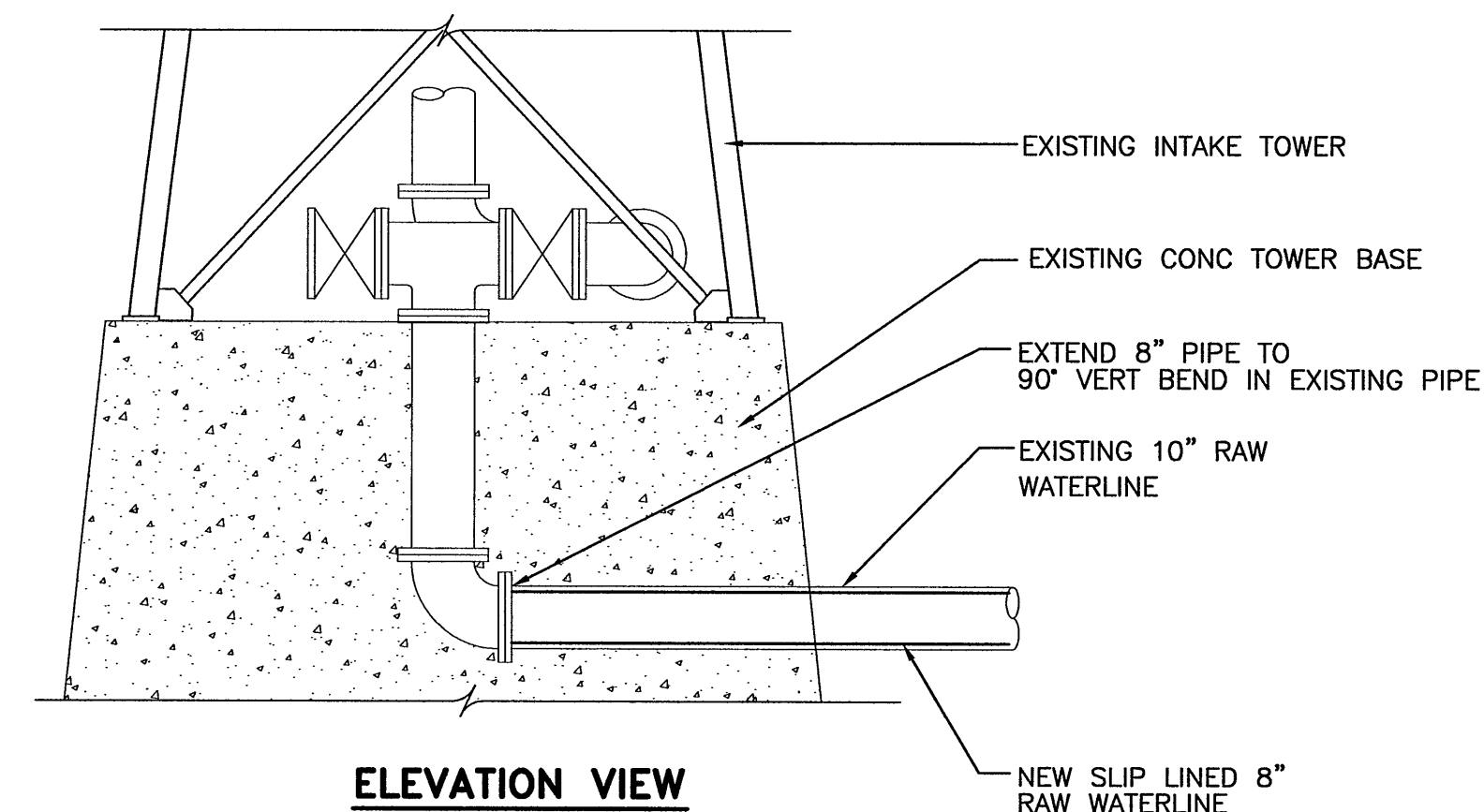


NO SCALE



$$Q = \frac{8}{15} * C_d \tan\left(\frac{\Theta}{2}\right) \sqrt{2g * H^3}$$

Q = FLOW, CFS (MULTIPLY BY 448.8 TO CONVERT TO GPM)
 8/15 = CONSTANT
 Cd = WEIR COEFFICIENT, 0.59
 Θ = WEIR ANGLE (22.5 DEGREES)
 g = GRAVITATION CONSTANT, 32.2 FT/SEC²
 H = HEAD ABOVE V-NOTCH (FT)



NO SCALE