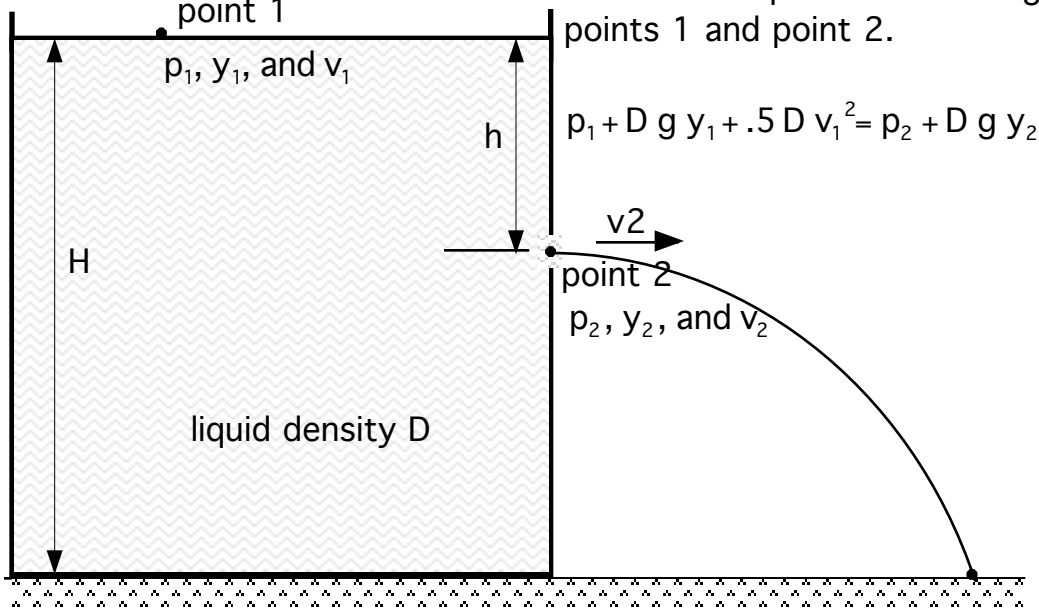
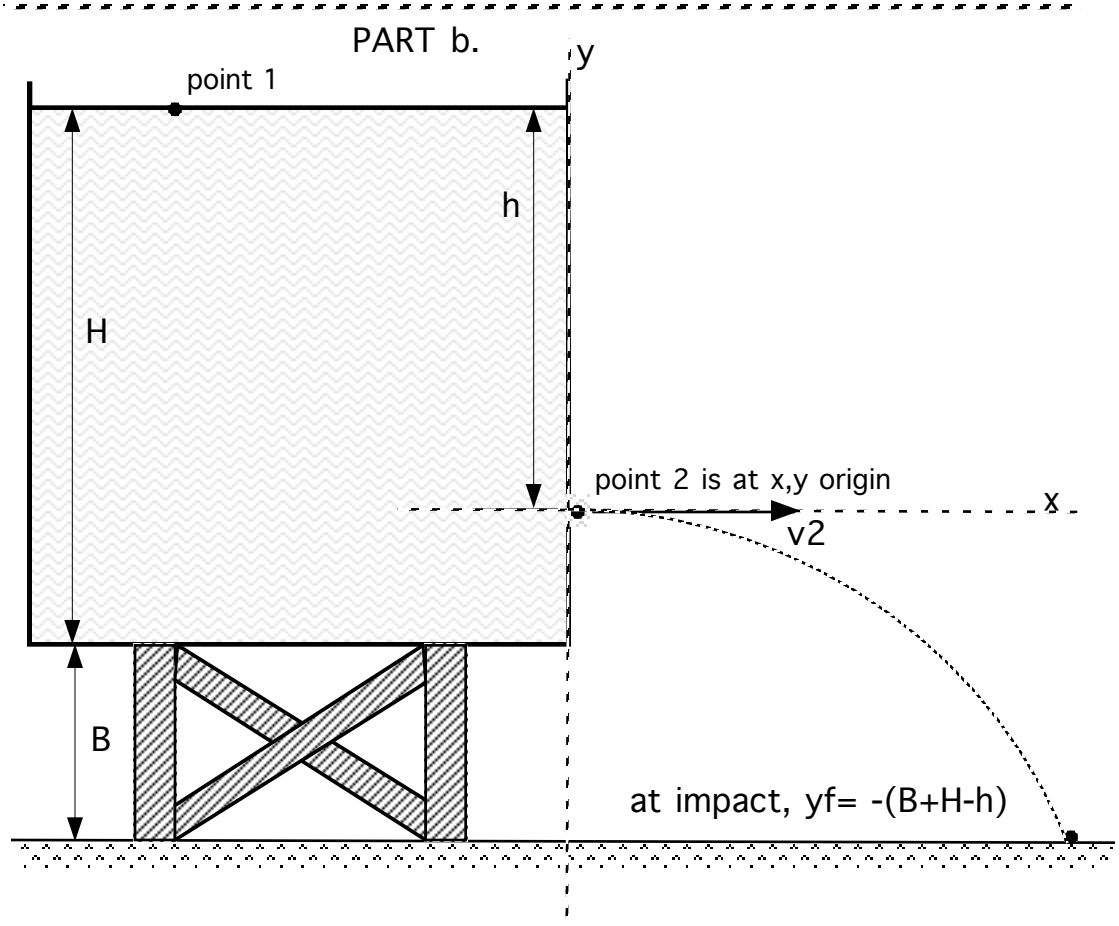
A tank containing non-viscous liquid, showing parameters.

NOT TO SCALE

PART a.



Bernoulli's equation. Referring to points 1 and point 2.

$$p_1 + D\,g\,y_1 + .5\,D\,v_1^2 = p_2 + D\,g\,y_2 + .5\,D\,v_2^2$$

PART b.