(a) Answer part (a) here. [4]

......................................................................
......................................................................
......................................................................
......................................................................
......................................................................
......................................................................
......................................................................
......................................................................

(b) Answer part (b) here. [4]

(c) Sketch and develop your ideas here. [12]
part (c) continued.

(d) Evaluate your ideas here. [6]

Choose one idea to develop more fully. Justify your choice. [2]
(e) Draw the full solution to the problem here.
Include construction details and major dimensions. [12]
(f) Answer part (f) here. [4]

(g) Answer part (g) here. [6]