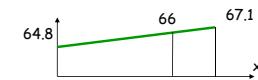
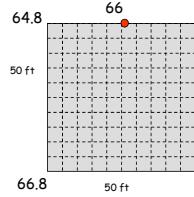
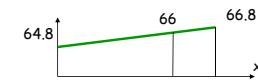
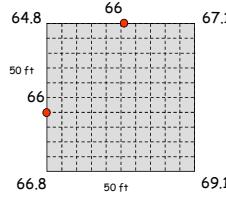


Topographic Survey - 1st cell**Construction of Contours - top edge**

$$a = \text{slope} = \frac{67.1 - 64.8}{50} = 0.046$$

$$b = \text{intercept} = 64.8$$

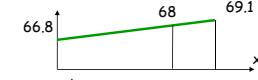
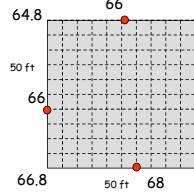
$$66 = 0.046x + 64.8 \quad x = 26.1'$$

Topographic Survey - 1st cell**Construction of Contours - left edge**

$$a = \text{slope} = \frac{66.8 - 64.8}{50} = 0.04$$

$$b = \text{intercept} = 64.8$$

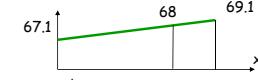
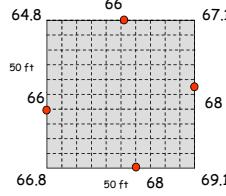
$$66 = 0.04x + 64.8 \quad x = 30'$$

Topographic Survey - 1st cell**Construction of Contours - bottom edge**

$$a = \text{slope} = \frac{69.1 - 66.8}{50} = 0.046$$

$$b = \text{intercept} = 66.8$$

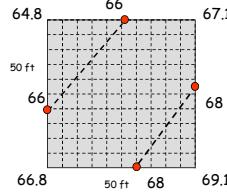
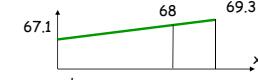
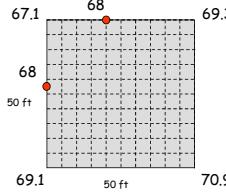
$$68 = 0.046x + 66.8 \quad x = 26.1'$$

Topographic Survey - 1st cell**Construction of Contours - right edge**

$$a = \text{slope} = \frac{69.1 - 67.1}{50} = 0.04$$

$$b = \text{intercept} = 67.1$$

$$68 = 0.04x + 67.1 \quad x = 22.5'$$

Topographic Survey - 1st cell**Construction of Contours - right edge****Topographic Survey - 2nd cell****Construction of Contours - top edge**

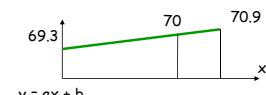
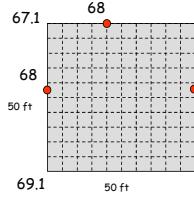
$$a = \text{slope} = \frac{69.3 - 67.1}{50} = 0.044$$

$$b = \text{intercept} = 67.1$$

$$68 = 0.044x + 67.1 \quad x = 20.5'$$

Topographic Survey - 2nd cell

Construction of Contours - right edge



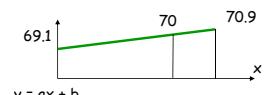
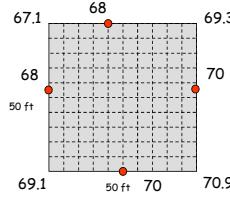
$$a = \text{slope} = \frac{70.9 - 69.3}{50} = 0.032$$

$$b = \text{intercept} = 69.3$$

$$70 = 0.032x + 69.3 \quad \boxed{x = 21.9'}$$

Topographic Survey - 2nd cell

Construction of Contours - bottom edge



$$a = \text{slope} = \frac{70.9 - 69.1}{50} = 0.036$$

$$b = \text{intercept} = 69.1$$

$$70 = 0.036x + 69.1 \quad \boxed{x = 25'}$$

Topographic Survey

Construction of Contours

