

9473-23

EARTH REMOVAL ESTIMATE

SCALE HOR. > 1"=40'
VER. 1-12-62

$$V = .2618 \times 80 (210.68^2 + 210.68 \times 20 + 20^2)$$

$$V = .2618 \times 80 \times 48,999.60 = 509,596 \text{ cu. ft.}$$

$$V = 18,873 \text{ cu. yds. for half of frustrum.}$$

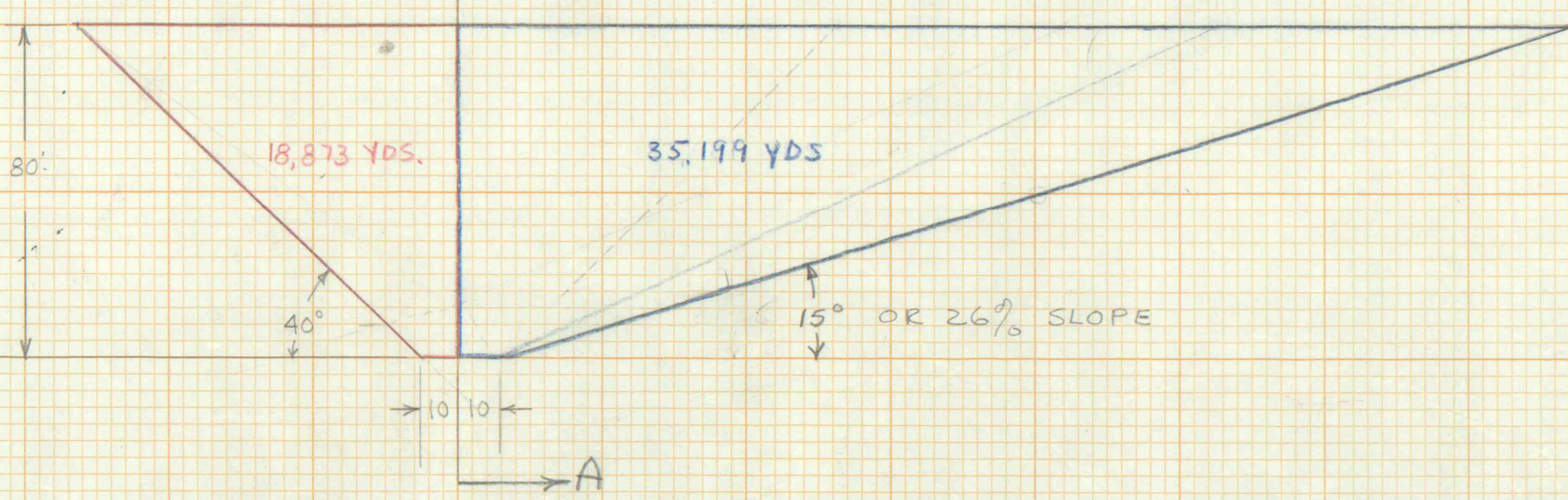
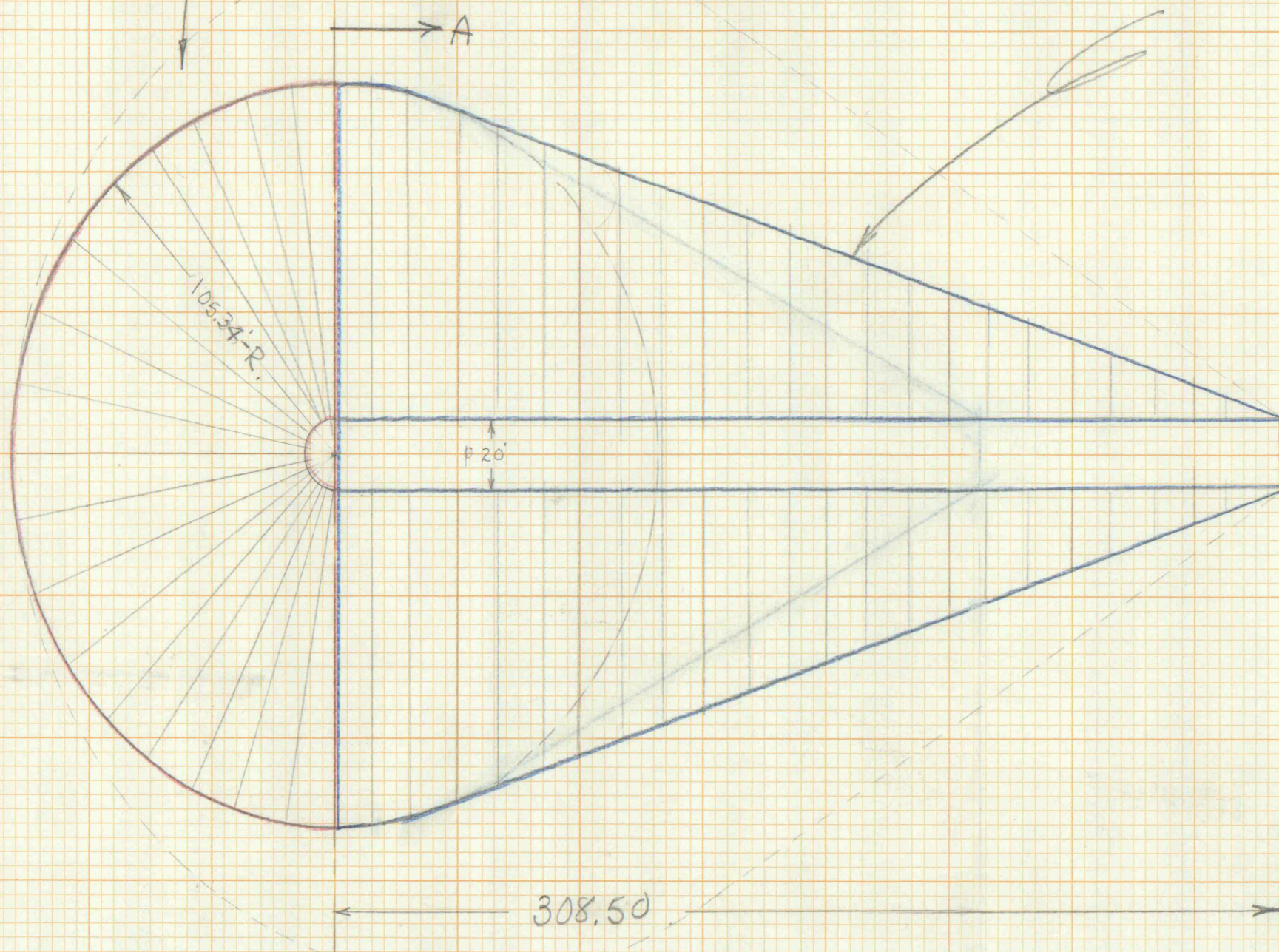
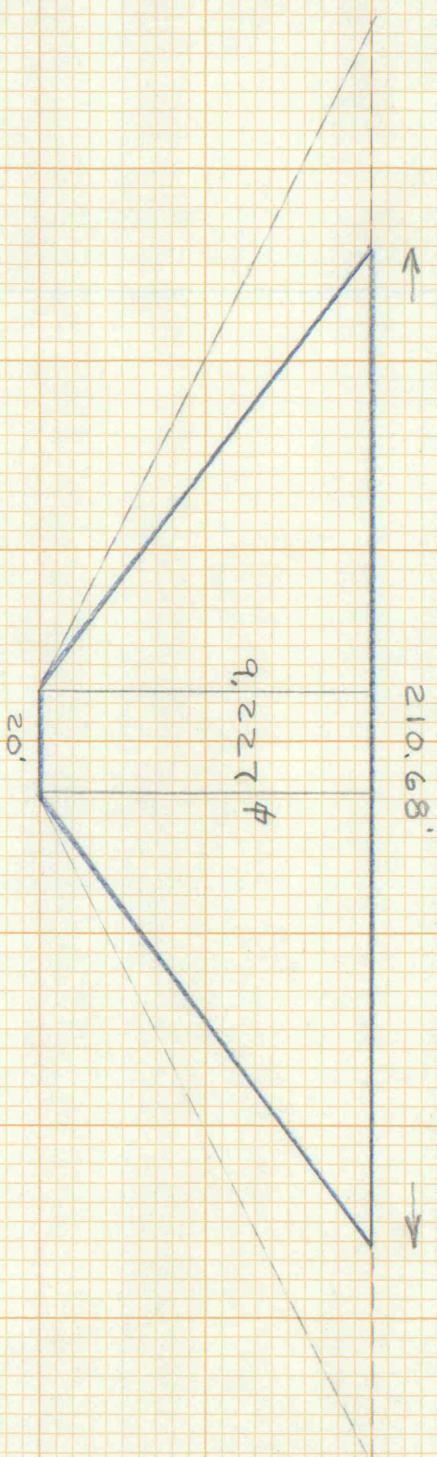
1-11-62

$$V = \frac{309}{3} (A_{\text{base}}) = \frac{103 \times 9,227}{27}$$

$$V = 35,199 \text{ cu. yds for half of pyramid}$$

TOTAL = 54,072 yds

SECTION A-A



Imps #

9473-23