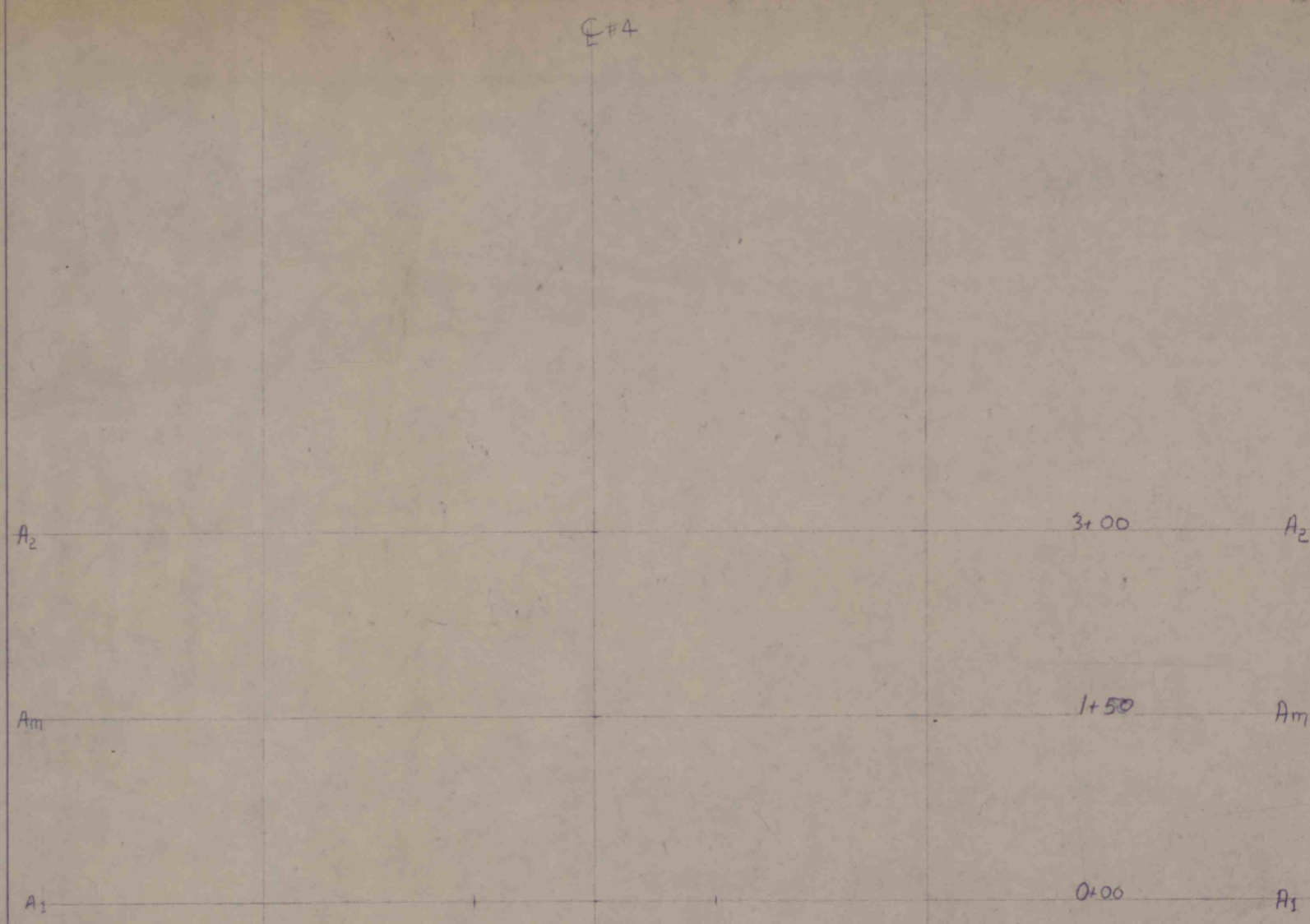
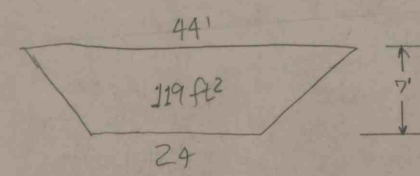


PLAN	DATE	
	BY	
NOTE BOOK	SURVEYED	
	NOTED	
NO.	ALIGNMENT CHECKED	
	RT. OF WAY CHECKED	

PROFILE	DATE	
	BY	
NOTE BOOK	SURVEYED	
	NOTED	
NO.	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	



SLIDE VOLUME - CALCULATIONS



$$A = \frac{1}{2}(a+b)h$$

$$= \frac{1}{2}(24+44)7$$

$$A = 119 \text{ ft}^2$$

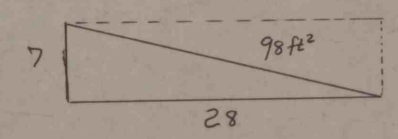
$$\text{VOLUME} = A \times L$$

$$\text{VOLUME} = 119 \text{ ft}^2 \times 320'$$

$$= 38,080 \text{ ft}^3$$

$$= \frac{38,080 \text{ ft}^3}{27 \text{ ft}^3/\text{yd}^3}$$

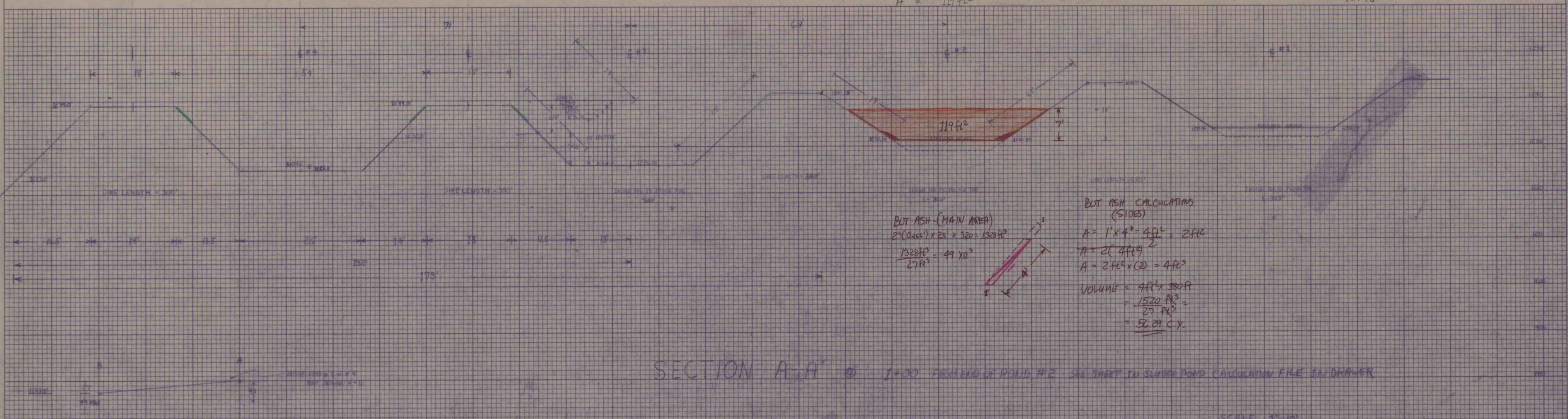
$$\text{MAIN BODY} = \frac{1410.37 \text{ yd}^3}{\text{RAMP}} = \frac{127.00 \text{ yd}^3}{1537 \text{ yd}^3}$$



$$\text{VOL} = 98 \text{ ft}^2 \times 35 \text{ ft}$$

$$= 3430 \text{ ft}^3$$

$$= 127 \text{ yd}^3$$



SECTION A-A' @ 1+00 FROM END OF POND #2 SEE SHEET IN SLUDGE POND CALCULATION FILE IN DRAWER

* NOTE - LOWEST ELEVATION IN THIS POND IS 1223.5' @ LOWEST END

SCALE 1"=10'