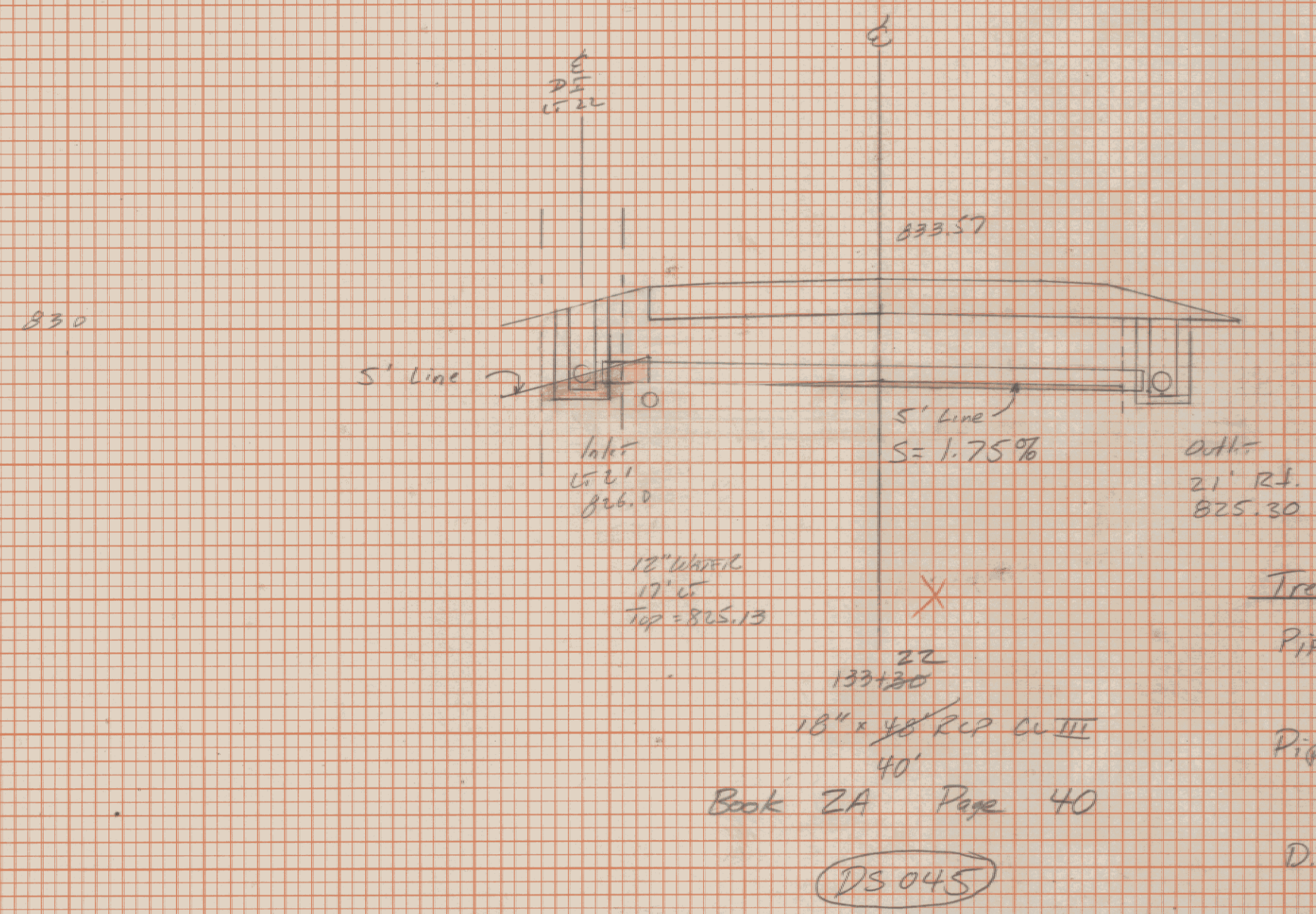


FINAL SURVEY NOTE BOOK No. _____
 DATE _____
 BY _____
 SURVEYED, PLOTTED, TRIMMED, AREA CHECKED

ORIGINAL SURVEY NOTE BOOK No. _____
 DATE _____
 BY _____
 SURVEYED, PLOTTED, TRIMMED, AREA CHECKED



Trench Earth

Pipe 0'-5' = $1.78 \times 100 = 178'$
 $178' \times 3.9' \times \frac{1}{2} = 35.7 \text{ c.y.}$

Pipe over 5' = $0.12 \times 100 = 12'$
 $12' \times 3.9' \times 1.5 \times \frac{1}{2} = 3.6 \text{ c.y.}$

D.I. 0'-5' = $6' \times 6' \times 5' \times \frac{1}{2} = 6.7 \text{ c.y.}$

D.I. over 5' = $6' \times 6' \times \left(\frac{1+2.9}{2}\right) \times 1.5 \times \frac{1}{2} = 3.5 \text{ c.y.}$

Total Volume Trench Earth = 30.5 c.y.
 716.91 (S.L.N.)

TROY RS 0311 (1)
 DRAINAGE SHEET # 31