

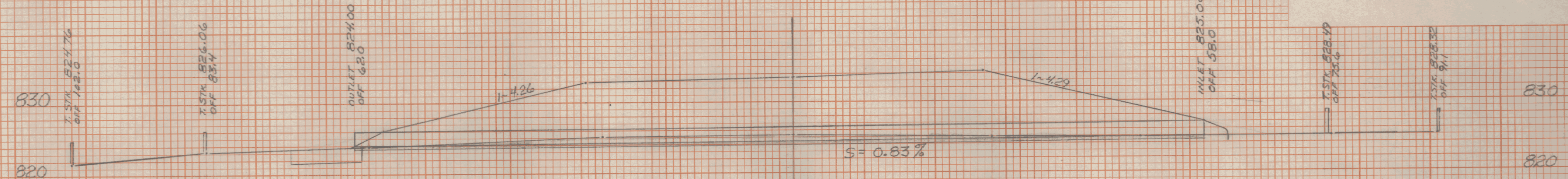
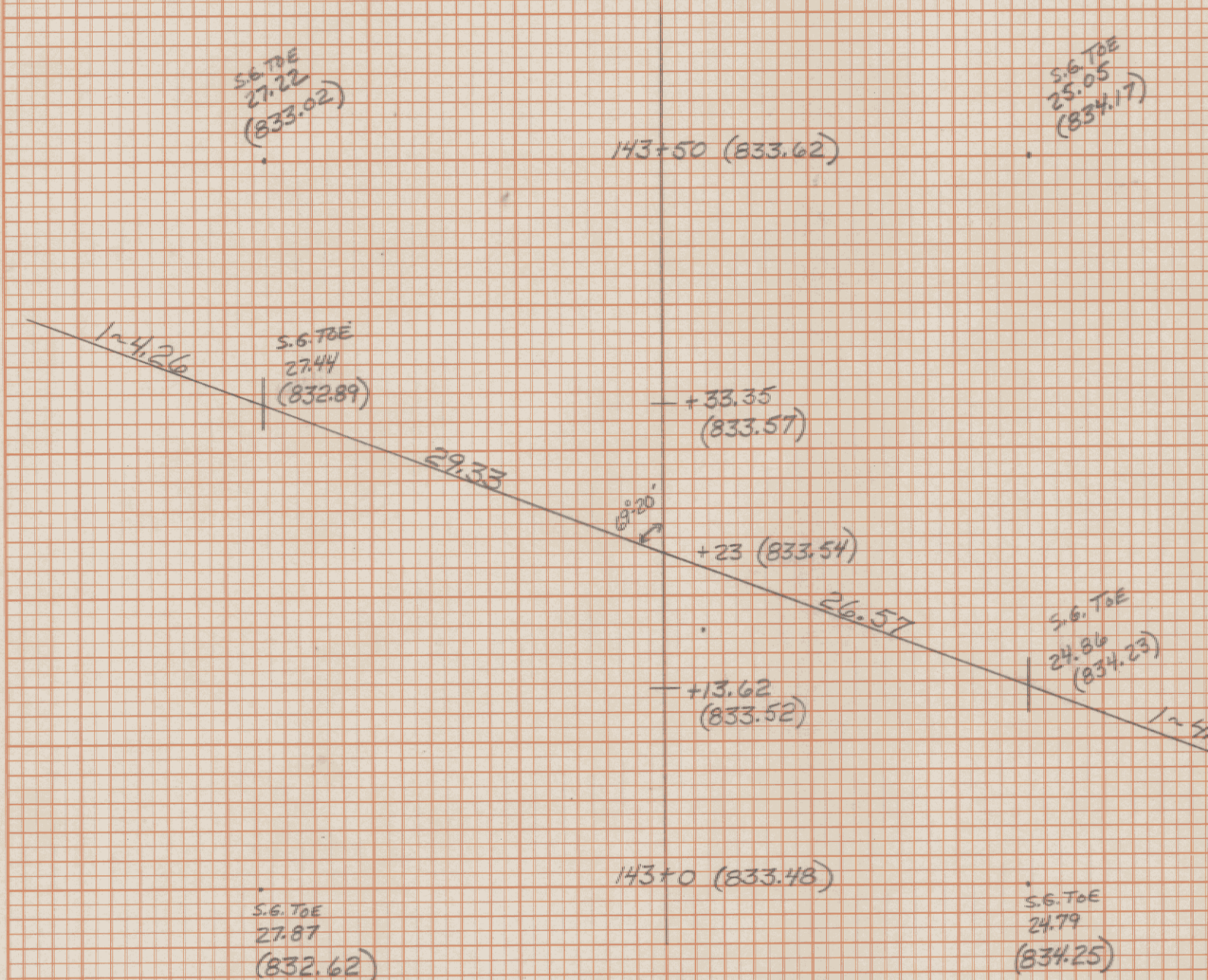
DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_ PLOTTED: \_\_\_\_\_  
 ORIGINAL SURVEY NOTE BOOK NO. \_\_\_\_\_  
 TEMPLATE: \_\_\_\_\_  
 AREAS CHECKED: \_\_\_\_\_

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_ PLOTTED: \_\_\_\_\_  
 ORIGINAL SURVEY NOTE BOOK NO. \_\_\_\_\_  
 TEMPLATE: \_\_\_\_\_  
 AREAS CHECKED: \_\_\_\_\_

$\cos 69^{\circ}20' = 0.35293$   
 $\tan 69^{\circ}20' = 2.65109$   
 $S = 4$   
 $G = .0028$

LEFT SIDE  
 $35293 \left( \frac{2.65109 + .0028}{4} \right)$   
 $.23490 = 1 \sim 4.26$

RIGHT SIDE  
 $35293 \left( \frac{2.65109 - .0028}{4} \right)$   
 $.23292 = 1 \sim 4.29$

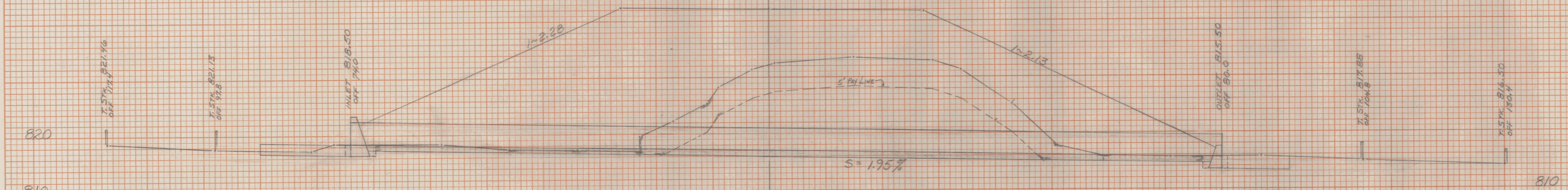


143+23 @ 69°20' Lt.  
 24" x 120" PCCSP (OUT) w/ ES @ INLET  
 BOOK 2A PAGE 88 (DS 50)

20420 TRENCH EARTH  
 0-5'  
 PIPE - 112" x 4.1' x 1/2" = 17.0 CY

20430 GRAIN BAY FOR STRUCTURES  
 0.5' x 4.1' x 120' x 1/2" = 9.1 CY

CHECKED  
 11-12-91



147+37 @ 65°12' Rt.  
 48" x 154" PCCSP (PI) (109)  
 w/ SHW @ INLET & CHW @ OUTLET  
 BOOK 2A PAGE 120 (DS 55)  
 Remove Existing 28" x 50" x 86' CGMP

TRENCH EARTH  
 0-5'  
 SHW - 10" x 18" = 180 FT<sup>2</sup>  
 CHW - 9" x 10" = 90 FT<sup>2</sup>  
 PIPE - 48" x 6.1' = 2676.2 FT<sup>2</sup>  
 OVER 5'  
 PIPE - 620' x 6.1' x 15" = 5673 FT<sup>2</sup>  
 TOTAL = 8639.2 FT<sup>2</sup> = 320.0 CY

GRAIN BAY FOR STRUCTURES  
 149' x 10' x 6.1' x 1/2" = 33.7 CY  
 (By 11/9)

11-12-91  
 122

$\cos 65^{\circ}12' = 0.41945$   
 $\tan 65^{\circ}12' = 2.14720$   
 $S = 2$   
 $G = .0378$

LEFT SIDE  
 $41945 \left( \frac{2.14720 + .0378}{2} \right)$   
 $.43803 = 1 \sim 2.28$

RIGHT SIDE  
 $41945 \left( \frac{2.14720 - .0378}{2} \right)$   
 $.46974 = 1 \sim 2.13$

