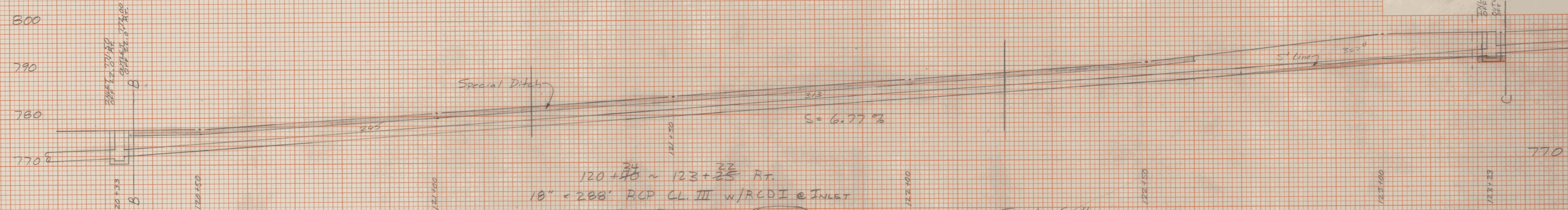


FINAL SURVEY NOTE BOOK NO. DATE

ORIGINAL SURVEY NOTE BOOK NO. DATE



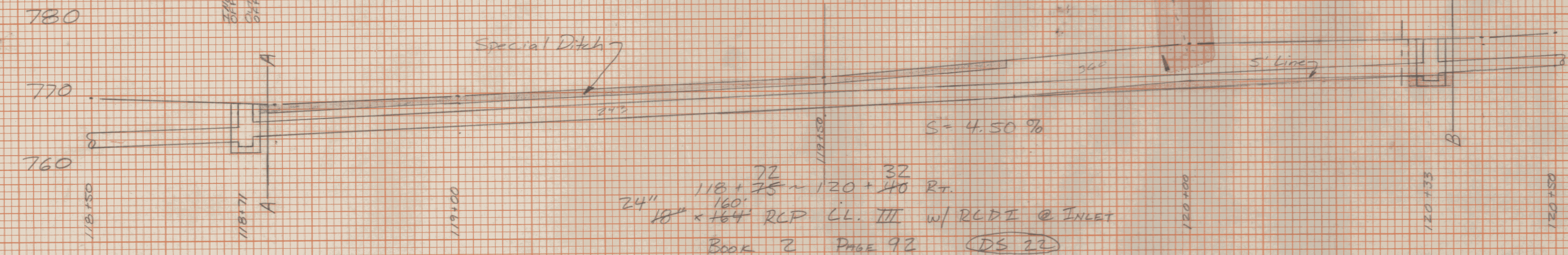
120+³⁴/₃₃ ~ 123+²³/₂₅ Rt.
 18" x 288' RCP CL. III w/RCDI @ INLET
 Book 2 Page 110 (DS 25)

Trench Earth

Pipe 0'-5' = 10.12 x 100 = 1012 #
 $1012 \times 3.9' \times \frac{1}{2} = 197.2 \text{ c.f.}$
 Pipe over 5' = 0.21 x 100 = 21 #
 $21 \times 3.9' \times 1.5 \times \frac{1}{2} = 46.6 \text{ c.f.}$
 D.I. 0'-5' = 6' x 6' x 5' x 1/27 = 6.7 c.f.
 D.I. over 5' = 6' x 6' x 1' x 1.5 x 1/27 = 2.0 c.f.

Total Trench Earth = 159.5 c.f.

(S.G.N.) 7-16-91



118+⁷²/₇₅ ~ 120+³²/₄₀ Rt.
 24" x 164' RCP CL. III w/RCDI @ INLET
 Book 2 Page 92 (DS 22)

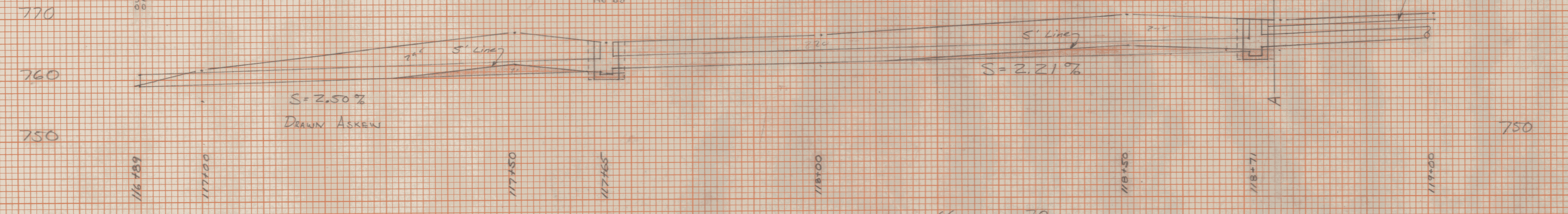
Trench Earth

Pipe 0'-5' = 6.02 x 100 = 602 #
 $602 \times 4.5' \times \frac{1}{2} = 100.3 \text{ c.f.}$
 Pipe over 5' = 0.19 x 100 = 19 #
 $19 \times 4.5' \times 1.5 \times \frac{1}{2} = 4.0 \text{ c.f.}$

D.I. 0'-5' = 6' x 6' x 5' x 1/27 = 6.7 c.f.
 D.I. over 5' = 6' x 6' x 1.5' x 1.5 x 1/27 = 3.0 c.f.

Total Trench Earth = 114.8 c.f.

(S.G.N.) 7-16-91



116+⁸⁹/₈₉ ~ 117+⁶⁴/₆₅ Rt.
 24" x 30' PCCSP (.064) w/RCDI @ INLET
 CONSTRUCT OUTLET DITCH
 Book 2 Page 62 (DS 15)

Trench Earth

Pipe 0'-5' = 3.01 x 100 = 301 #
 $301 \times 4.1' \times \frac{1}{2} = 45.7 \text{ c.f.}$
 Pipe over 5' = 0.27 x 100 = 27 #
 $27 \times 4.1' \times 1.5 \times \frac{1}{2} = 6.2 \text{ c.f.}$

D.I. 0'-5' = 6' x 6' x 5' x 1/27 = 6.7 c.f.
 D.I. over 5' = 6' x 6' x (1.5' x 1.5) x 1/27 = 2.5 c.f.

Total Trench Earth = 61.1 c.f.

(S.G.N.) 7-16-91

117+⁶⁶/₆₅ ~ 118+⁷⁰/₇₅ Rt.
 24" x 108' RCP CL. III w/RCDI @ INLET
 Book 2 Page 78 (DS 19)

Trench Earth

Pipe 0'-5' = 4.62 x 100 = 462 #
 $462 \times 4.5' \times \frac{1}{2} = 72.9 \text{ c.f.}$
 Pipe over 5' = 0.47 x 100 = 47 #
 $47 \times 4.5' \times 1.5 \times \frac{1}{2} = 10.2 \text{ c.f.}$
 D.I. 0'-5' = 6' x 6' x 5' x 1/27 = 6.7 c.f.

D.I. over 5' = 6' x 6' x 1.5' x 1.5 x 1/27 = 3.0 c.f.

Total Trench Earth = 97.2 c.f.

(S.G.N.) 7-16-91

S.G.N. 6-20-91

TROY RS. 0311(1)
 DRAINAGE SHEET # 21

321 DRAIN