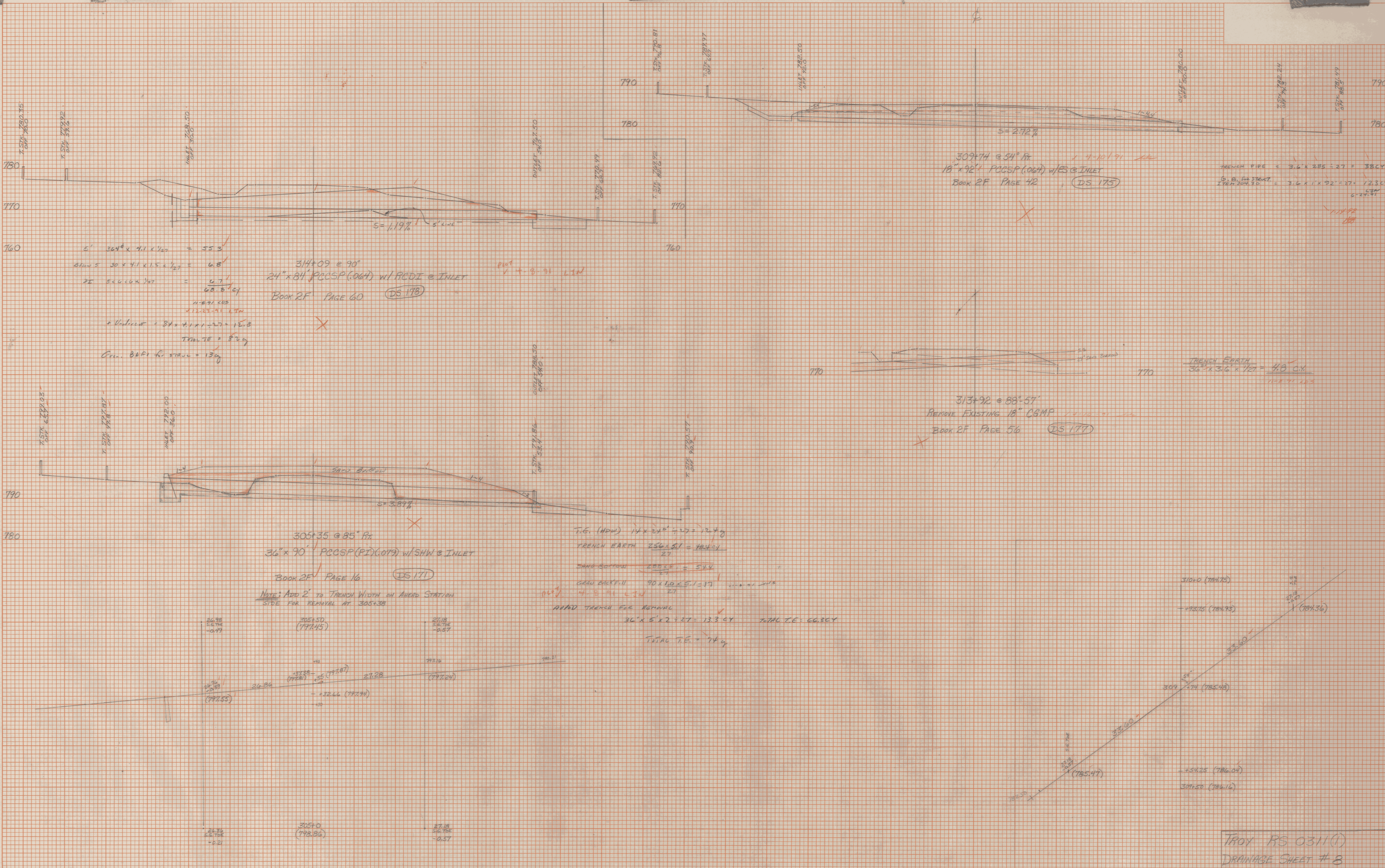


DATE: _____
 BY: _____
 ORIGINAL SURVEY NO. _____
 SURVEYED BY: _____
 CHECKED BY: _____
 AREA CHECKED: _____

DATE: _____
 BY: _____
 ORIGINAL SURVEY NO. _____
 SURVEYED BY: _____
 CHECKED BY: _____
 AREA CHECKED: _____



$6' \times 36' \times 4.1 \times 1/27 = 55.3$
 $6' \times 30' \times 4.1 \times 1.5 \times 1/27 = 6.8$
 $2' \times 5.6 \times 6 \times 2 \times 2 \times 2 = 6.7$
 60.8 ccy
 $11.8 \times 1 \text{ ccy}$
 $12.25 \times 1 \text{ ccy}$
 $+ \text{Undercut} = 8' \times 4.1 \times 1 \times 27 = 12.8$
 $\text{TOTAL T.E.} = 82.9$
 $\text{Crew: 2 B.F.I. for 500.00} = 13.0$

314+09 @ 90°
 24" x 84" PCCSP (.064) w/ RCDI @ INLET
 BOOK 2F PAGE 60 (DS 178)

309+74 @ 54° R
 18" x 92" PCCSP (.064) w/ RCDI @ INLET
 BOOK 2F PAGE 42 (DS 175)

TRENCH PIPE = $3.6 \times 285 = 27$
 G.B. FOR DUCT ITEM 204.30 = $3.6 \times 1' \times 92 = 27$
 6.27 ccy

TRENCH EARTH
 $36' \times 3.6 \times 1/27 = 4.8 \text{ ccy}$

313+92 @ 88° 57'
 REMOVE EXISTING 18" CBMP
 BOOK 2F PAGE 56 (DS 177)

305+35 @ 85° R
 36" x 90" PCCSP (P) (.079) w/ SHW @ INLET
 BOOK 2F PAGE 16 (DS 171)

T.G. (HDM) $14 \times 24' = 27 = 12.4 \text{ ccy}$
 TRENCH EARTH $256 \times 51 = 18.4 \text{ ccy}$
 27
 SAND BOTTOM $288 \times 6 = 54.4$
 GRAV BACK-FILL $90 \times 1.0 \times 5.1 = 17$
 4.8 ccy

AROUND TRENCH E.L. REMOVAL
 $36' \times 5' \times 2 = 27 = 13.3 \text{ ccy}$
 TOTAL T.E. = 66.3 ccy
 TOTAL T.E. = 74.9

NOTE: ADD 2' TO TRENCH WIDTH ON AHEAD STATION SIDE FOR REMOVAL AT 305+38

