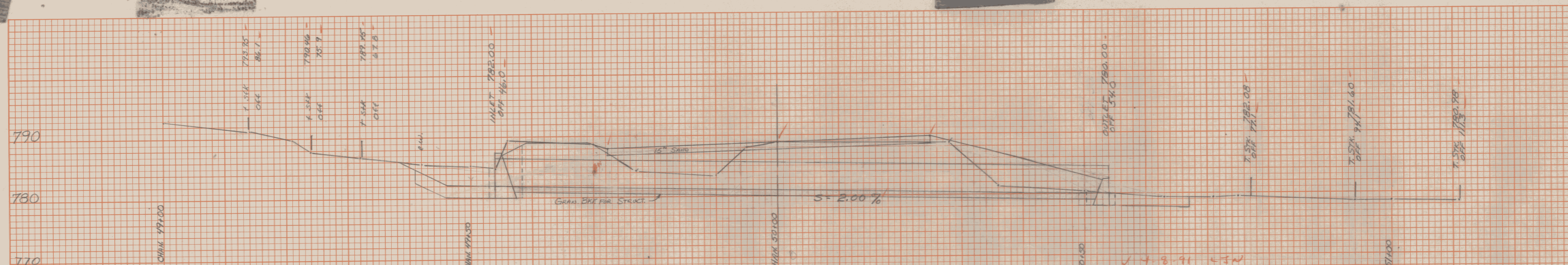


FINAL SURVEY NOTE BOOK

ORIGINAL SURVEY NOTE BOOK



20332 GRANULAR BORROW

STATION	DISTANCE	AREA	VOLUME
49+56	14	37	23.6
49+70	7	54	13.5
49+77	13	50	28.9
49+90	10	70	22.4
50+00	28	51	54.6
50+28	9	60	20.3
50+37	13	62	19.7
50+50	3	20	1.1
50+53	0	0	0
TOTAL			187.1 cu yd

STRUCTURE EXCAVATION

INLET MAN - $36" \times 18" = 648 \text{ ft}^2$ 20.8 yd
 OUTLET MAN - $9" \times 8.5" = 76.5 \text{ ft}^2$
 PIPE - $54" \times 10.5" = 571.2 \text{ ft}^2$ Rps = 200
 TOTAL = $6436.5 \text{ ft}^2 \times .27 = 238.4$
 P.P.S. = 226.8
 TOTAL = (227.4) 1112.51 Rps
 GRAN. BKF FOR STRUCTURES
 $45' \times 1' \times 10.5" = 997.5 \text{ ft}^3 = 27 = 36.9 \text{ cu yd}$
 $11-18-90 \text{ Rps}$

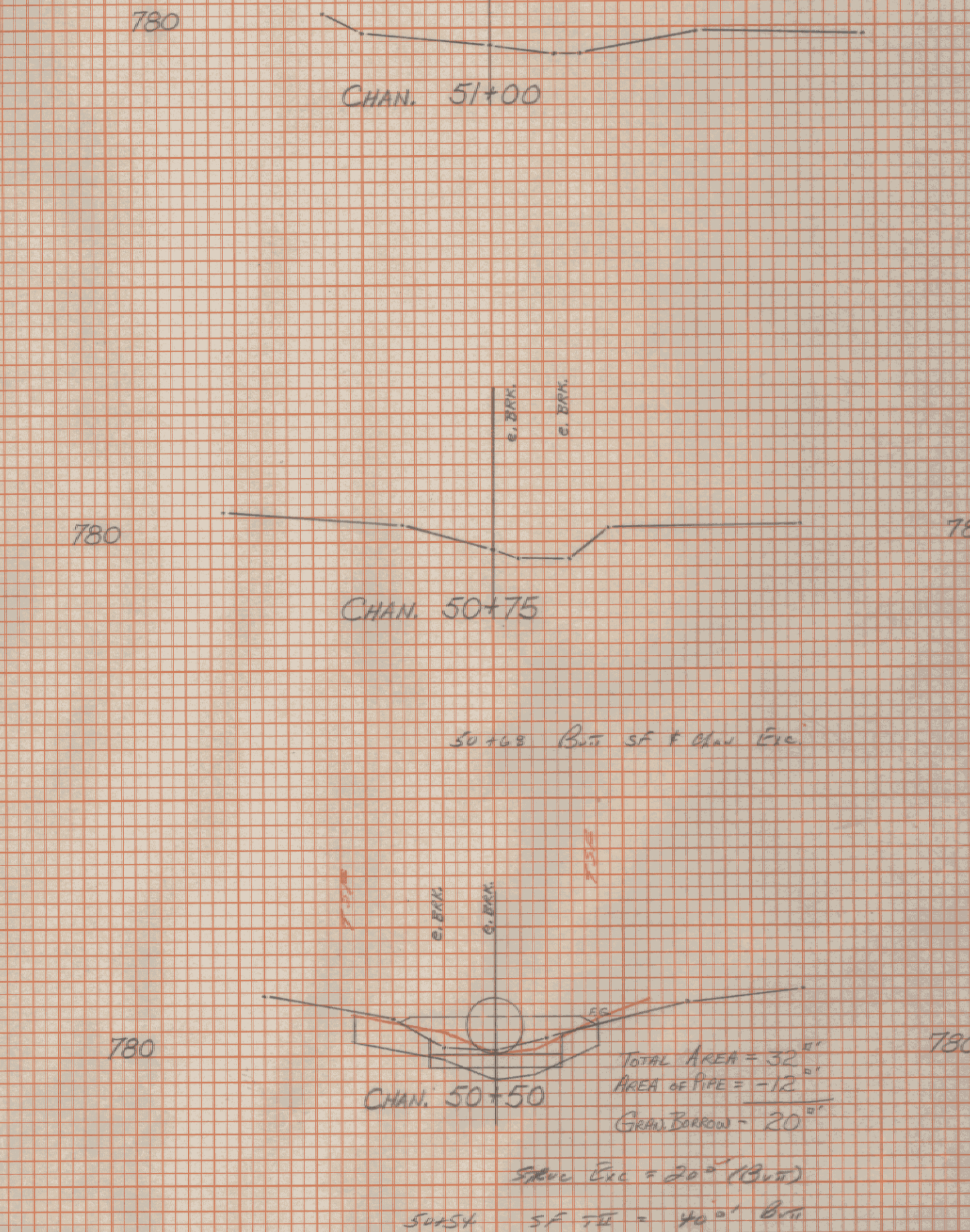
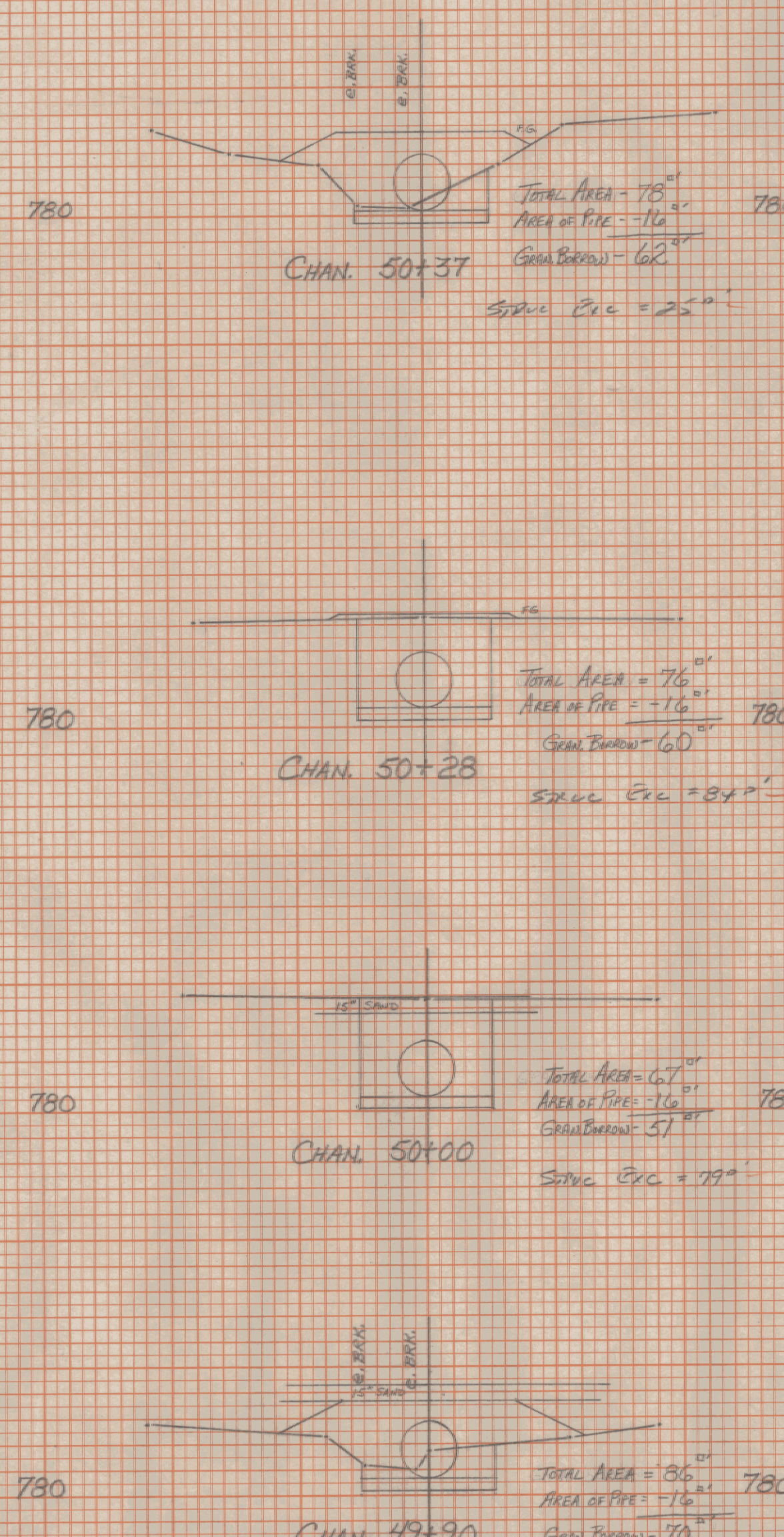
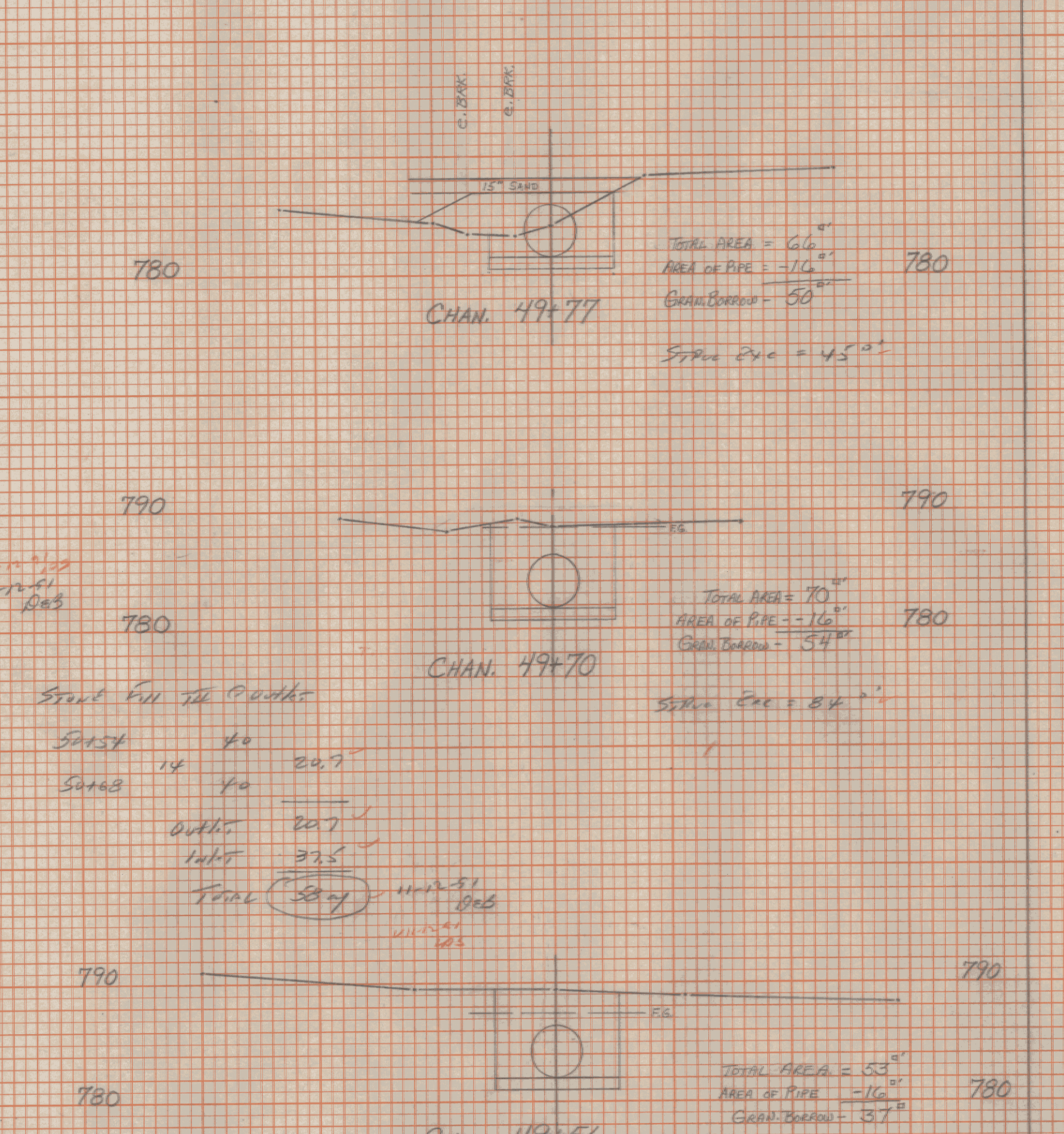
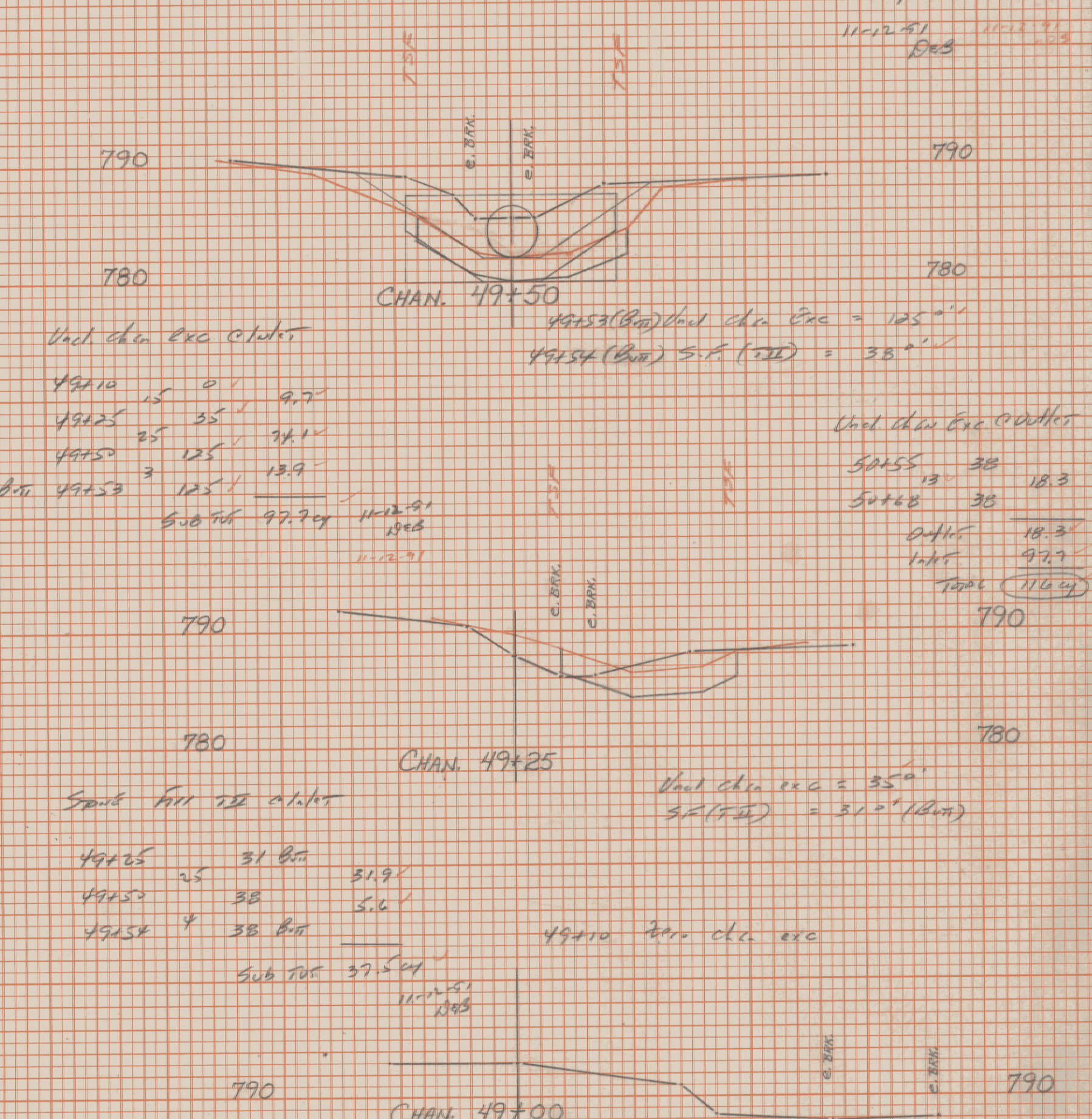
STRUCTURE Exc (Rps)

49+56.5	11.5	68	32.4
49+70	7	54	16.7
49+77	13	45	12.8
49+90	10	29	10.0
50+00	28	79	24.5
50+28	9	24	18.2
50+37	13	25	10.8
50+50		20	
Sub Tot Rps 200 yd			

REI 154+16 @ ST RT 25124
 54" x 100' P.C.S.P. (R.F. 1.107) INLET @ INLET
 REMOVE EXISTING 28 INCHES & BOLLER REPE AT
 back 20 R.P.S.

C.R.M. (54" Rps)

S.M. POINT 10.0 yd
 C.M. POINT 2.0 yd
 12.0 yd
 11-12-91 Rps



TROY RS 0311 (1)
 DRAINAGE SHEET # 7
 DRAWN 4-1-91 2004
 PLANIMETER 4-17-91 2507 307 DEAN