

ELEV	AREA		VOLUME	
	IN ²	FT ²	FT ³	Σ FT ³
94	0	0	0	0
95	0.11	44.0	22.0	22.0
96	11.04	4416.0	223.0	245.0
97	29.88	11952.0	8184.0	8429.0
98	45.71	18284.0	15118.0	23547.0
99	71.91	28764.0	23524.0	47071.0
100	79.36	31744.0	30254.0	77325.0
101	87.36	35744.0	37444.0	111069.0
102	98.46	39384.0	4462.0	148633.0
103	110.00	44000.0	46552.0	190325.0
104	122.76	49104.0	51428.0	236877.0
105	134.38	53752.0	51428.0	288305.0

FACTURE = 400

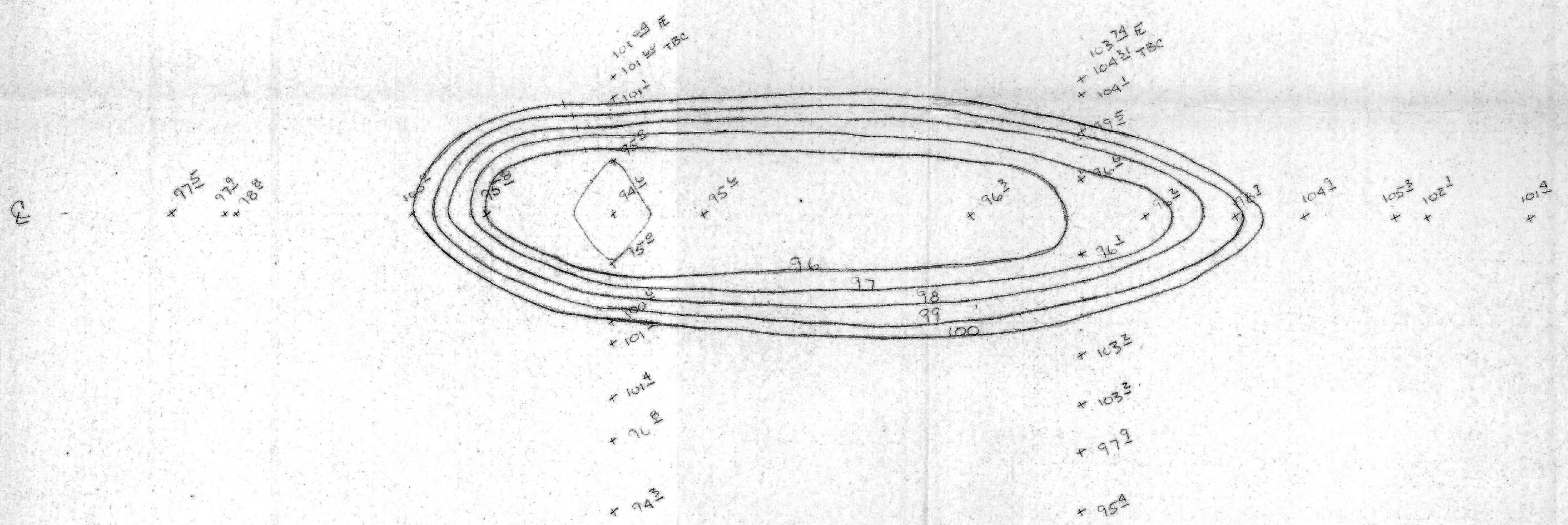
CHAPEL HILLS XING
#8335
SCALE 1" = 20'

$Q_{10} = \frac{1.486}{0.04} (23.7) \frac{25.3}{25.4} (0.01)^{0.58}$
 $= 37.15 (23.7) 0.994 (0.1)$
 $= 92 \text{ CFS}$
 $Q_{20} = \frac{1.486}{0.04} (47.2) \frac{25.3}{25.4} (0.1)^{0.58}$
 $= 261 \text{ CFS}$

No.	REVISION	By	Date
CHAPEL HILLS CROSSING			
POND (A)			
DATE	JANUARY, 1969	DRAWN BY	
CHECK BY		SCALE	1" = 20'
DATE		Sheet of	JOB No. 8335
JR ENGINEERING, LTD. 6455 N. UNION BLVD. Suite 202 COLORADO SPRINGS, COLO. 80918 533-2553			

ELEV	AREA		VOLUME	
	IN ²	FT ²	FT ³	Σ FT ³
94	0	0	0	0
95	0.39	156.0	78.0	78.0
96	5.55	2,220.0	1188.0	1,266.0
97	8.01	3,204.0	2,712.0	3,978.0
98	10.14	4,056.0	3,630.0	7,608.0
99	12.43	4,972.0	4,514.0	12,122.0
100	14.40	5,760.0	5,366.0	17,488.0

FACTURE = 400



No.	REVISION	By	Date
CHAPEL HILLS CROSSING			
POND ②			
DATE	JANUARY, 1989	DRAWN BY	
CHECK BY		SCALE	1" = 20'
DATE	SP. of	JOB No.	8935
JR ENGINEERING, LTD. 6455 N. UNION BLVD. Suite 202 COLORADO SPRINGS, COLO. 80918 593-2593			