

TRENCH EXCAVATION FOR WATER LINE TO TRAILER

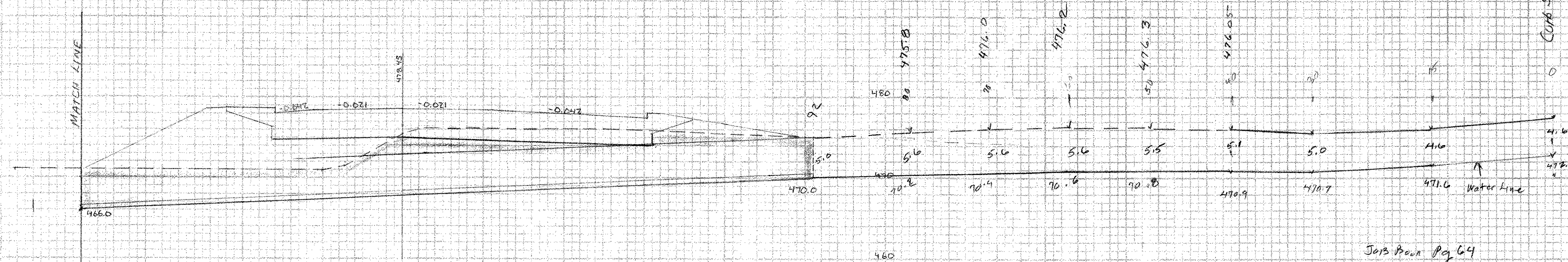
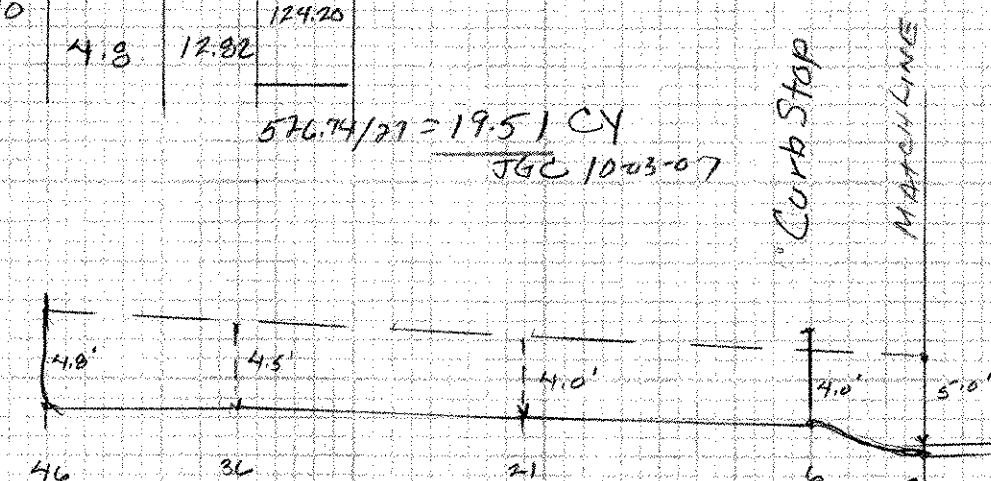
Job Book Pg. 112 8-31-05

TRENCH WIDTH = 2.67'

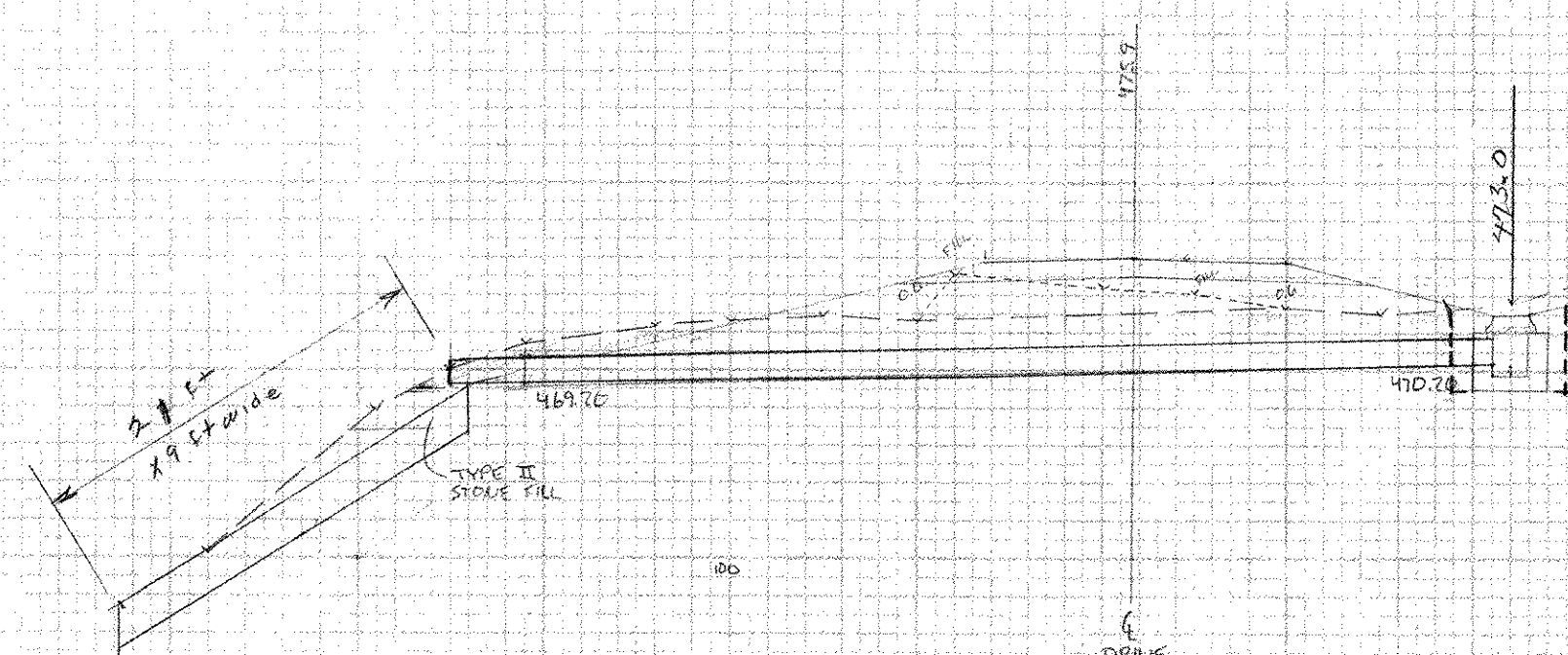
Sta	Dist	Depth	Area	Vol
0	6	5.0	13.35	72.09
6	15	4.0	10.68	160.20
21	15	4.0	10.68	170.85
36	10	4.5	12.02	184.20
46	4.8	12.88		

$$576.74/27 = 19.51 \text{ CY}$$

$$\text{JGC 10-03-07}$$



REV 12/9/03 40' LT ~ 51' RT
SLEEVE FOR UTILITIES
TRENCH PART: 44' 11\"



DI Depth = 3.35'
D-6
Concrete = 1.03 CY
Steel = 1.55 lb
See Pg. 33, Drainage Book
for Computations. JGC

6" pipe crest w/ DI

T.E. Pipe 156' x 3.6/37 = 21.07' x 4.61'
DI - 6' x 6' x 4.2/2.7 = 5.60'
Stone Fill 57' x 9/31 = 49.0'
45.61' x 4.61' = 210.75'
JGC 6-23-05

Stone Fill Type II 2' thick
2' x 9' x 2/27 = 14.0 CY JGC 6-23-05

Geotextile Fabric
11' x 15' x 1/4 = 1/8-33.54 JGC 6-23-05
Field Notes on JGC

REV 12/9/03 LT
NEW 18\"

Trench Width is 2'-8"

STA	Dist	Depth	Area	Vol
0	15	4.6	12.28	184.20
15	15	4.6	12.28	192.22
30	10	5.0	13.35	134.85
40	10	5.1	13.62	141.50
50	10	5.5	14.68	148.15
60	10	5.6	14.95	149.50
70	10	5.6	14.95	149.50
80	10	5.6	14.95	149.50
92	12	5.0	13.35	162.80

$$1269.76 / 27 = 47.03 \text{ CY}$$

$$\text{Over 5' } 1.22$$

$$48.25 \text{ CY JGC 10-03-07}$$

ROYALTON
AC BRS 0147(5)
DRAINAGE SHEET #2