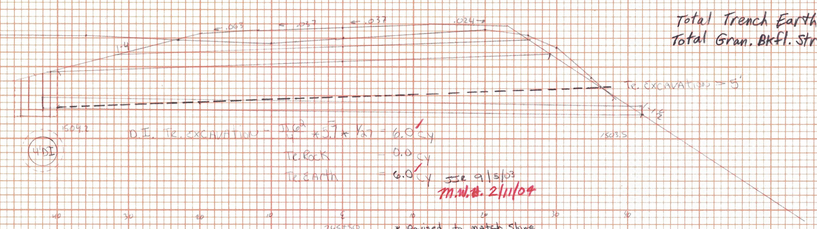
D.I. Ex. Gran. Backfill 204.30 = ((π/4 × 5²) − (π/4 × 3²))/27 = 1.9 cy SSR 9/10/03
M.W.H. 2/12/04

Pipe Gr. Backfill 204.30 = ((π/4 × 1.8 × 2.5) − (π/4 × 1.8²))/27 = 2.5 cy SSR 9/10/03
M.W.H. 2/12/04

Pipe Tr. Excavation < 5' = 200# × 3.8' × 1/27 = 28.1 cy
> 5' = 160# × 3.8' × 1/27 = 22.8 cy
Tr. Rock = 0.0 cy
Tr. Earth = 83.9 cy

Total Trench Earth = 83.9 + 6.0 = 89.9 C.Y.
Total Gran. Bkfl. Struct. = 23.5 + 2.9 = 26.4 c.y.
B.R. 4-5-04


Tr. Excavation > 5'
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