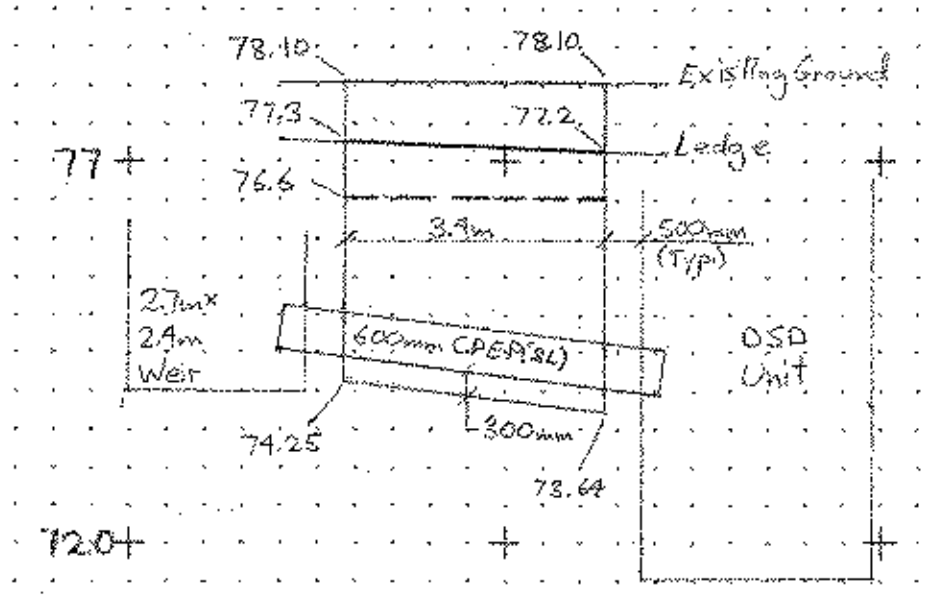


Areas from planimeter
 Trench width = 1.90m
 Trench Earth @ 1 = $12.03m^2 \cdot 1.90m = 22.86m^3$
 Trench Earth @ 1.5 = $1.30m^2 \cdot 1.90m = 2.47m^3$
 Trench Rock @ 1 = $4.0m^2 \cdot 1.90m = 7.60m^3$
 Trench Rock @ 1.5 = $27.9m^2 \cdot 1.90m = 56.21m^3$

D&B 3/10/05
 TSO 7/16/05

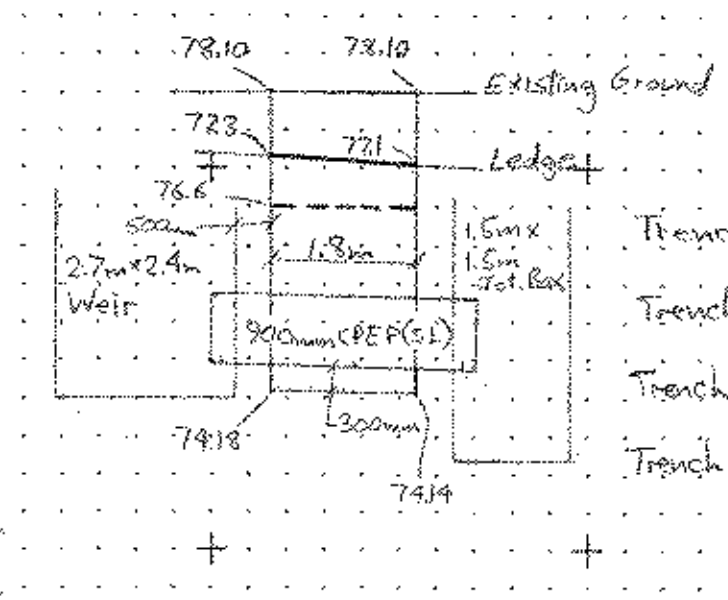
A202+43-A203+52 RT
 Jct. Box to Outfall



Trench width = 1.60m
 Trench Earth = $\frac{0}{2} \cdot \frac{W}{L} \cdot 1.60m \cdot 3.4m = 4.62m^3$
 Trench Rock = $\frac{0.7}{2} \cdot \frac{W}{L} \cdot 1.60m \cdot 3.4m = 3.54m^3$
 Trench Rock = $\frac{2.35}{2} \cdot \frac{W}{L} \cdot 1.60m \cdot 3.4m = 24.11m^3$

D&B 3/10/05
 TSO 7/16/05

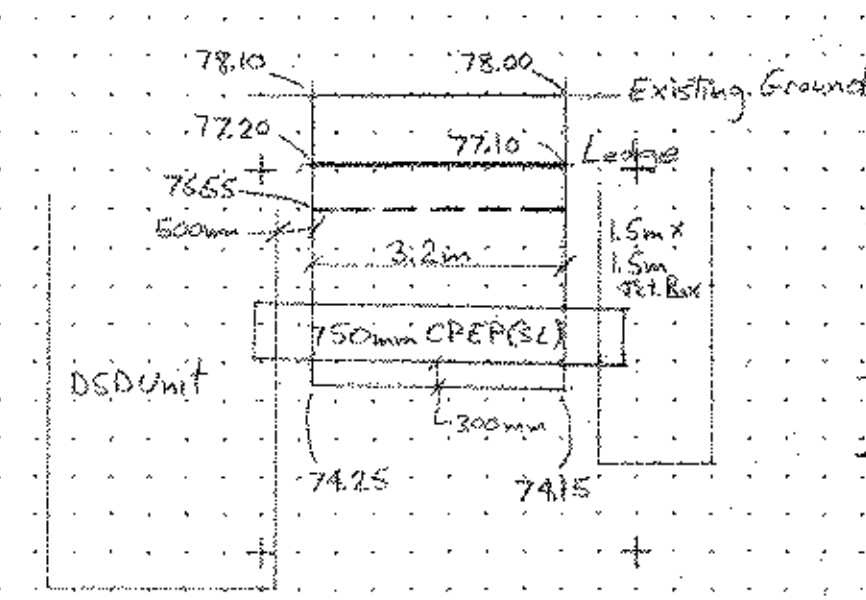
30+338-30+339 RT
 Weir to DSD Unit



Trench width = 1.90m
 Trench Earth = $\frac{0}{2} \cdot \frac{W}{L} \cdot 1.90m \cdot 1.8m = 3.02m^3$
 Trench Rock = $\frac{0.7}{2} \cdot \frac{W}{L} \cdot 1.90m \cdot 1.8m = 2.05m^3$
 Trench Rock = $\frac{2.42}{2} \cdot \frac{W}{L} \cdot 1.90m \cdot 1.8m = 12.52m^3$

D&B 3/10/05
 TSO 7/16/05

30+338-A202+43 RT
 Weir to Jct. Box



Trench width = 1.75m
 Trench Earth = $\frac{0}{2} \cdot \frac{W}{L} \cdot 1.75m \cdot 3.2m = 5.04m^3$
 Trench Rock = $\frac{0.65}{2} \cdot \frac{W}{L} \cdot 1.75m \cdot 3.2m = 3.36m^3$
 Trench Rock = $\frac{2.3}{2} \cdot \frac{W}{L} \cdot 1.75m \cdot 3.2m = 19.74m^3$

D&B 3/10/05
 TSO 7/16/05

30+339-A203+43 RT
 DSD Unit to Jct. Box

Scale 1:100

--- 1.5m depth limit
 --- Existing Ledge
 --- Pay Limits Authorized

PROJECT: Brattleboro	PROJECT NO.: NH010-2(2)
DESIGN FILE NAME: IPARM FILE NAME: Daryl Bassett	PLOT DATE: 01-MAY-1996
SHEET: 150 of 206	