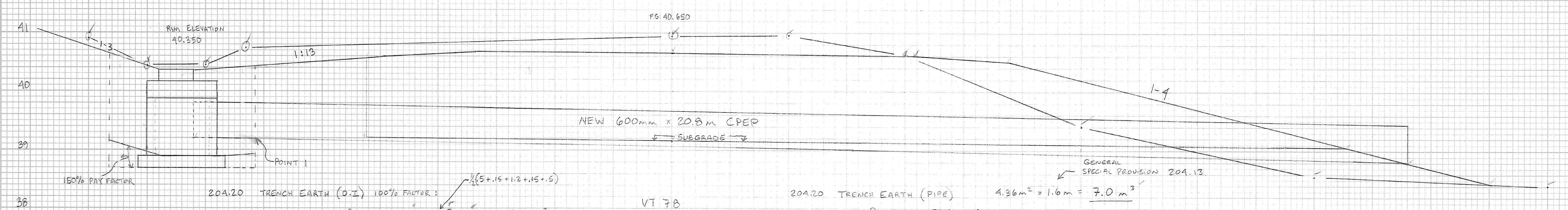


FINAL SURVEY NOTE BOOK NO. BY DATE REVISED TEMPLATE AREAS CHECKED

ORIGINAL SURVEY NOTE BOOK NO. BY DATE REVISED TEMPLATE AREAS CHECKED

DRAINAGE NOTE 1: (DRAINAGE BOOK 2 PAGE 10)



20A.20 TRENCH EARTH (D.I.) 100% FACTOR: $\frac{1}{2}(5+15+12+15+5)$

$\pi \cdot R^2 \cdot H \rightarrow 3.14 \times 1.25^2 \times 1.5m = 7.4 m^3$

T.E. @ 150% $\frac{1}{2}(\pi \cdot R^2 \cdot H) \rightarrow \frac{1}{2}(3.14 \times 1.25^2 \times 0.8) = 2.2 m^3$

T.E. PIPE $7.0 m^3$

TOTAL T.E. DRAINAGE NOTE 1: $16.6 m^3$

VT 78
10+2401

20A.20 TRENCH EARTH (PIPE) $4.36m^2 \times 1.6m = 7.0 m^3$

POINT	OFFSET	ELEVATION
1	-7.15	39.19
2	-7.15	40.43
3	-5.22	40.57
4	-5.22	39.21
5	8.50	38.09
6	9.50	28.88
1	-7.15	39.19

END AREA USING AREA PROGRAM: $4.36 m^2$

STW 10-4-06

DE Vol 1 Plat 1 by DCM 04/01/07

ALBURG-SWANTON BRF-036-1(1)

DRAINAGE

DRAWN BY: S. WHEATLEY 7-12-06

CHECKED BY:

SCALE H 1:400
V 1:400

SHEET 1 OF 10

PLATE 3 FULL CROSS SECTION FULL LINE NATIONAL PRINTFAST PRINTED IN U.S.A.