

TRENCH EARTH @ 100%

STONE FILL @ JAWT

0.5m(L) x 4m(W) x 1.4m(Ave Depth) = 2640 cm<sup>3</sup>

0.5m(L) x 4m(W) x 0.80m(Ave Depth) = 1920 cm<sup>3</sup>

JAWT HEADWALL

1.6m(L) x 1.4m(Depth) = 674 cm<sup>3</sup>

JAWT HEADWALL

2.1m(L) x 0.7m(Depth) = 1470 cm<sup>3</sup>

PIPE

$\left[ \frac{0.2+0.1}{2} \times 1.8 \right] + \left[ \frac{0.4+0.15}{2} \times 1.9 \right] + \left[ \frac{0.15+0.2}{2} \times 1.8 \right] + \left[ \frac{0.8+0.3}{2} \times 1.97 \right]$  = 4830 cm<sup>3</sup>

TRENCH EARTH @ 150%

$\left[ \frac{0.2+0.1}{2} \times 1.8 \right] + \left[ \frac{0.4+0.15}{2} \times 1.9 \right] + \left[ \frac{0.15+0.2}{2} \times 1.8 \right] + \left[ \frac{0.8+0.3}{2} \times 1.97 \right] \times 1.5$  = 9315 cm<sup>3</sup>

103320 cm<sup>3</sup>

if 1

STONE FILL TYPE II

JAWT

1.1m(L) x 1.1m(W) x 1.00m(Ave Depth) = 280 cm<sup>3</sup>

OUTLET

6.5m(L) x 4m(W) x 0.80m(Ave Depth) = 2080 cm<sup>3</sup>

4880 cm<sup>3</sup>

GRAVELLIERE

14.5m(L) x 1.97m(W) x 0.97m(H) = 2700 cm<sup>3</sup>

EARTH BOCROW

$\left( \frac{11+14}{2} \right) L \times 1.1^2 \times 1.1^2 \times 1.15$  Factor = 1050 cm<sup>3</sup>

GEOTEXTILE UNDER STONE FILL

2 PL 6m x 6m = 72

1 PL 6m x 3m = 18

90 sm

To P.L. 2, Pg 98

WBF  
05-05-06

