

TRENCH EARTH

CULVERT FROM INLET

$$\left[\frac{0.2+0.3}{2} \times 5.5 \right] + \left[\frac{0.3+0.8}{2} \times 2.4 \right] + \left[\frac{0.8+0.95}{2} \times 5.1 \right] + \left[\frac{0.95+0.85}{2} \times 6.7 \right] + \left[\frac{0.85+0.7}{2} \times 7 \right] + \left[\frac{0.7+0.6}{2} \times 5 \right] \times 1.72 = 24.3 \text{ cm}$$

Stone fill

$$2.4 \text{ m (L)} \times 0.9 \text{ m (W)} \times 0.6 \text{ m (D)}$$

$$= 1.3 \text{ cm}$$

$$\underline{\underline{25.6 \text{ cm}}}$$

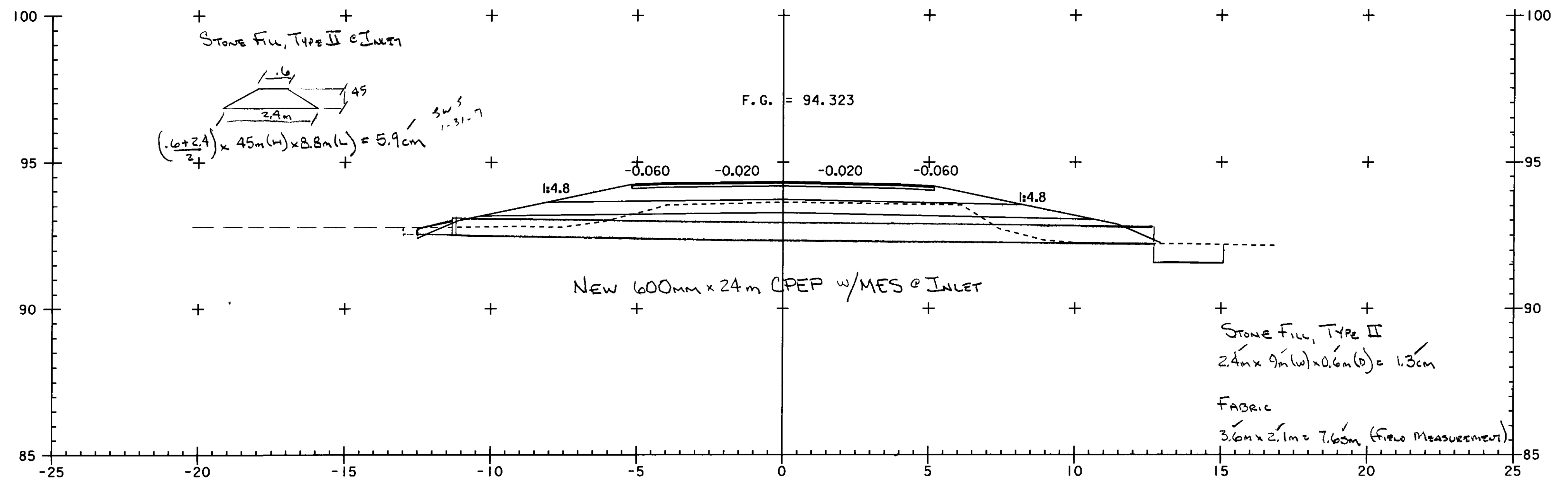
GRANULAR BACKFILL FOR STRUCTURES

$$\left[\frac{0.2+0.3}{2} \times 1.72 \right] \times 23.7 \text{ m (AVE LENGTH)} \times 1.72 \times 0.72 = 29.4 \text{ cm}$$

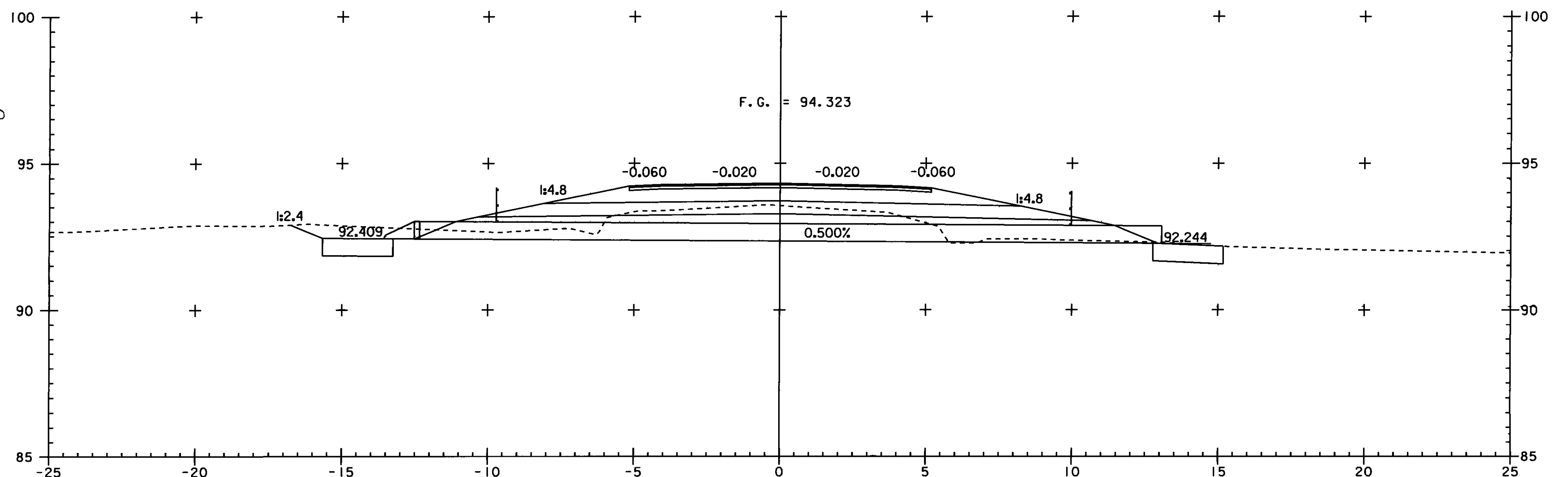
EARTH BORROW

$$0.2 \text{ m (AVE) (D)} \times 1.72 \text{ m (W)} \times 21.5 \text{ m (AVE LENGTH)} = 7.4 \text{ cm} \times 1.15 = 8.5 \text{ cm}$$

WERF 3WS
12 12-06 1-197
To Be 2A P 10



5+843
ASKEW = 56° 10' 08" LT
FIELD PROFILE



5+843
ASKEW = 56° 10' 08" LT
DESIGN SECTION

477-Dr