

$$+ \textcircled{2} 16' \times \left( \frac{6.5 + 7.25}{2} \right)$$

$$+ \textcircled{3} 22' \times \left( \frac{7.5 + 8.25}{2} \right)$$

$$V = \left[ 328.25 \times (1429.50 - 1428.28) \right] / 9$$

$$V = 44.50 \text{ CY}$$

### UNCLASSIFIED CHANNEL

$$V = \left[ \left( 0.5' \times \frac{6.75 + 5.75}{2} \right) + \left( 0.5' \times \frac{8' + 7'}{2} \right) \right] \times (1429.50 - 1428.28) / 9$$

$$V = 0.93 \text{ CY}$$

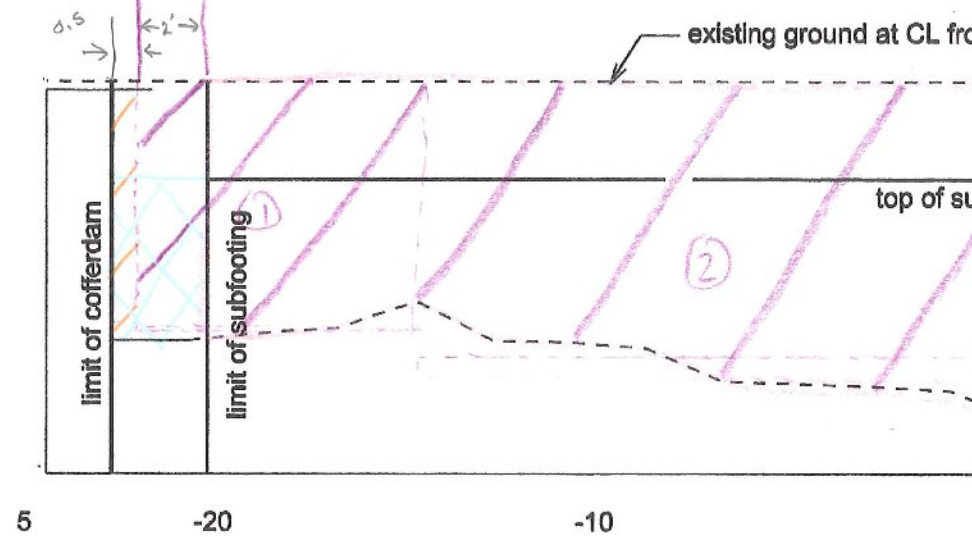
### GRANULAR BACKFILL

$$V = \left[ \left( 2.5 \times \frac{4.2 + 4.25}{2} + 2.5 \times \frac{5.25 + 5.5}{2} \right) \times (1429.5 - 1428.28) \right] / 9$$

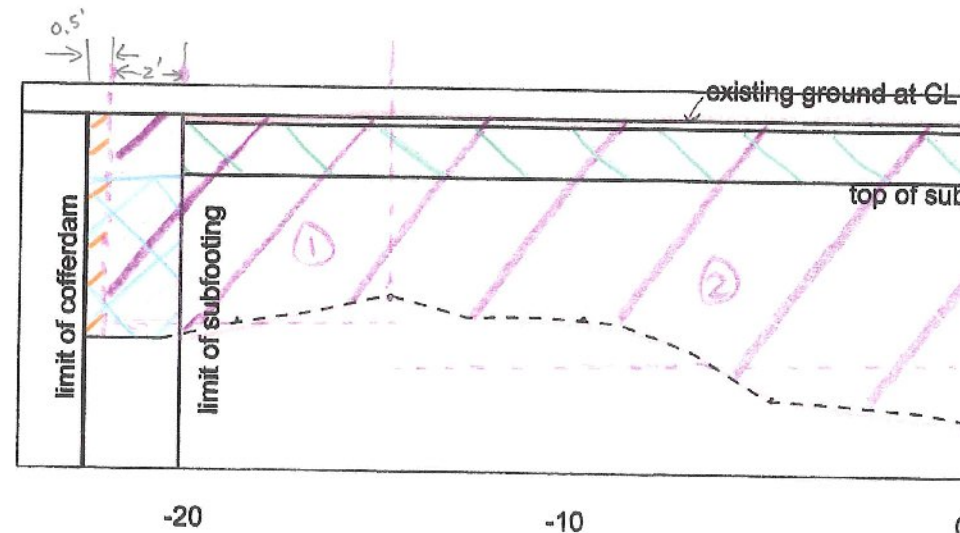
$$V = 3.25 \text{ CY}$$

### COMMON EXCAVATION

None.



14+29.75  
5  
GRAN BACKFILL  
Common Exc.



14+28.48

\* CHANGE OF EXISTING GROUND PROFILE