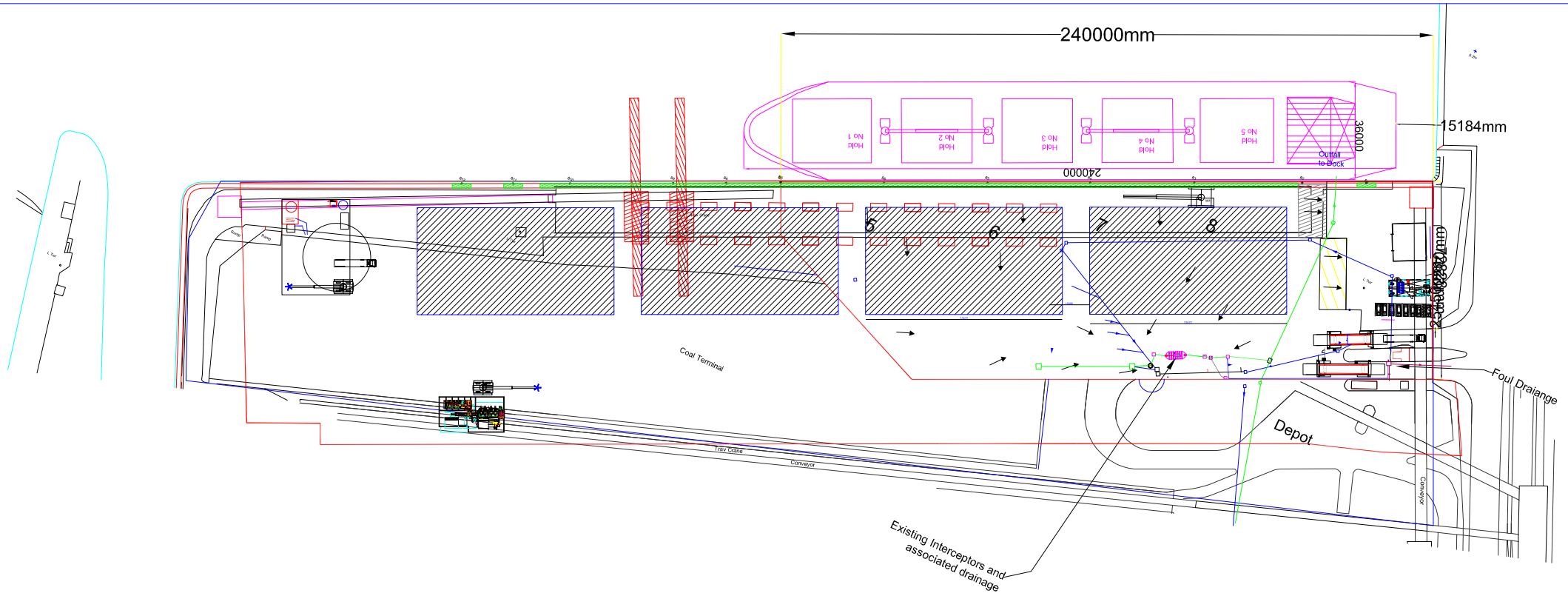
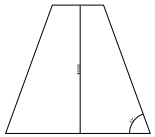


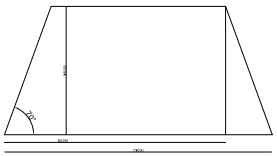
Joining Heaps together :- 39.4m deep by 74.5m

Loading Limits removed



At 39.43m wide and an angle of 70deg.
Cross section area is 934 sqm

For each length of heap. Taking account of the lost volume, the triangle at each end of the heaps the effective lengths to calculate the volume Is as shown below.



For73m long
the effective length to form a square pile is 60.2m.
Volume Is 60.2*934 =56,225cum

For OA at.63 tonne per cum. this is 35421 tonne For No1/2 at 0.56 this is 31,486 tonne or if all 4 piles used for OA = 141,684

If the slope is 90 deg i.e square volume per pile is 100,667 cum or 63,420 tonnes of OA