

Calculation For Total Area

Proposed Concrete Plinth Site for Equipment Units:

$$E1 \text{ \& } E3: 2200 \times 1300 \times 2\text{nos} = 5.72\text{m}^2$$

$$E2 : 1500 \times 1300 \times 1\text{no} = 1.95\text{m}^2$$

$$\text{Total area for proposed concrete Plinth} : 5.72\text{m}^2 + 1.95\text{m}^2 = 7.67\text{m}^2$$

In Plan A:

$$\textcircled{1} 600 \times 10000 = 6\text{m}^2$$

$$\textcircled{2} 600 \times 10000 = 6\text{m}^2$$

$$\textcircled{3} 600 \times 5000 = 3\text{m}^2$$

In Plan B:

$$\textcircled{4} 600 \times 10000 = 6\text{m}^2$$

In Plan C:

$$\textcircled{5} 600 \times 10000 = 6\text{m}^2$$

In Plan D:

$$\textcircled{6} 600 \times 10000 = 6\text{m}^2$$

$$\textcircled{7} 600 \times 10000 = 6\text{m}^2$$

In Plan E:

$$\textcircled{8} 600 \times 10000 = 6\text{m}^2$$

In Plan F:

$$\textcircled{9} 600 \times 10000 = 6\text{m}^2$$

$$\textcircled{10} 600 \times 10000 = 6\text{m}^2$$

$$\textcircled{11} 600 \times 10000 = 6\text{m}^2$$

In Plan G:

$$\textcircled{12} 600 \times 10000 = 6\text{m}^2$$

$$\textcircled{13} 600 \times 5000 = 3\text{m}^2$$

$$\text{Total Area: } \textcircled{1} - \textcircled{13} + 7.67 \text{ m}^2 = 79.67\text{m}^2$$

$$\approx 80\text{m}^2$$

$$\text{Area of Excavation: Plan A – plan G } (\textcircled{1} - \textcircled{13}) = 72\text{m}^2$$