

Prompt Engineering Works

Gut.No.46,Plot No.104,Near Ghanegaon , MIDC Waluj
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METHOD STATEMENT / STATEMENT OF PROCEDURE – EXCAVATION

- Obtain the good for construction drawings from the Architect /Engineer refers to The Geotechnical/Structure consultant.
- Review and study the drawings will in advance viz before the start of contraction and obtain all clarification from the Architect/engineer.
- Demarcate the excavation setting out plan with reference co-ordinate and levels.please note that the survey bench marks are away from the excavation in order to prevent the damage to marker and to maintain accuracy.
- Cable or utilities scanning has to be done in order to avoid the cables and pipes and underground utilities damage. It is recommended to go for trail pits so that underground utilities can be find out.
- Protect and support underground utilities.
- Mobilize the machinery for excavation.
- Start the excavation from one end and posed to another end in layer such as one meter depth layer
- If the excavation depth exceed 4.0m depth, it is necessary to protect the side of excavation by driving sheets piles of solider piles or timber shoring with strutting. The vertical members to protect the excavation are to be driven first followed by horizontal members.
- If the excavation is deep, it is better to provide long arm excavator to reach the required level
- Stack the soil away from the excavation edge to prevent soil collapsing to the excavation area.
- In case of soil disposal, appoint banks man to guide the machinery movement.
- Appoint single man if the excavation is done by a mini excavator followed by soil disposal by another excavator.
- Provision for drainage is to be made with sufficient pumps and collecting.
- If there is ground if there is ground water percolating to excavation, please inform the consultant and find out suitable preventive measures.
- All the excavation area is to be barricaded and sign board such as “deep excavation is in progress, stay away” to be kept in all language which can understand by workers easily.
- Sufficient flood lights have to be provide at regular interval.
- Complete the excavation as per the levels mentioned in in the method statement
- In case of over excavation, fill the extra depth with PCC
- After the completion of excavation inform the architect/Engineer to visit the site for checking.
- The next step of construction can only be started after the approval of excavation by Architect/engineer

