Layout and Excavation for Foundation

Spoken Tutorial Project
https://spoken-tutorial.org
National Mission on Education through ICT

Narsingh Varma, Madhuri Ganapathi
Chitra Devi, Arthi Varadarajan
IIT Bombay

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Learning Objectives

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- **Setting the layout for foundation**
- **Process of excavation**
- **Safety measures**

Pre-requisities

- **To practise this tutorial, learners should be familiar with basic construction methods**

Tools

- **Tools for setting the layout and excavation**

Steps for Setting the Layout

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- **Site Cleaning**

Steps for Setting the Layout

- **Site Cleaning**
- **Demarcation of the center line on the site**

Excavation

- **Foundation strata have to be checked before the process of excavation**

References

IS:1904-1986

IS: SP7-2005

National Building Code of India

Summary

We have learnt about,

- **Different types of foundation soil**
- **Typical layout plan**
- **Tools for layout setting and excavation**
- **Setting the layout for foundation**
- **Process of excavation**
- **Safety measures**

About the Spoken Tutorial Project

- **Watch the video available at https://spoken-tutorial.org/What_is_a_Spoken_Tutorial**
- **It summarises the Spoken Tutorial project**
- **If you do not have good bandwidth, you can download and watch it**

Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- **Conducts workshops using spoken tutorials**
- **Gives certificates to those who pass an online test**
- **For more details, please write to contact@spoken-tutorial.org**

Answers for THIS Spoken Tutorial

- **Questions in THIS Spoken Tutorial?**
- **Visit https://forums.spoken-tutorial.org**
- **Choose the minute and second where you have the question**
- **Explain your question briefly**
- **The Spoken Tutorial project will ensure an answer**

You will have to register to ask questions

Acknowledgements

- **The Spoken Tutorial project was established by the Ministry of Education, Govt. of India**

Thank You

- **This tutorial is contributed by: Dr.Narsingh Varma, Chitra Devi Arthi Vardarajan & Madhuri Ganapathi from IIT Bombay**
- **Thank you for joining**