



ADVANCED SURVEYING AND SETTING OUT



INTRODUCTION

The Setting Out Engineer is increasingly becoming an ever demanding and accountable role which often acts as the focal point between the visionary foresight of the Architect and the functional proficiency of the tradesman. To do this, the Engineer will start to collate or calculate information from the drawings to ensure that:

- Buildings can be positioned correctly along with all the necessary structural components within it
- All the structural components are built to the correct level
- Lines and levels for structures, roads, drainage and earthworks are provided

WHO SHOULD ATTEND

Engineers and technicians with basic setting out experience who wish to expand their knowledge. A good standard of mathematics is a pre-requisite for this course and participants should bring a scientific calculator with them.

COURSE DURATION

PFA Consulting offer this course over 5 days.

COURSE OVERVIEW

- Utilise and understand surveying equipment used in setting-out
- Interpret and check setting-out detail on site drawings
- Understand the criteria relating to specified accuracies for setting-out and decide which equipment and methods to use in order to meet these accuracies
- Carry out all the necessary calculations to establish the setting-out from
- Co-ordinate information on drawings and computer print-outs
- Set-out buildings, roads, sewers, piling grids and earthworks
- Set-out control points using a Total Station
- Establish Temporary Bench Marks (TBMs) and other height control
- Appreciate computerised methods available to aid setting-out

TRAINING METHODS

Theoretical instruction on the course is reinforced by realistic practical exercises using a wide range of modern surveying equipment. Practical exercises involve team work and encourage maximum participation from the trainees.

PFA Consulting has a rolling schedule for Health and Safety courses. For further details on this course or to arrange a meeting to discuss your requirements:

- Call our training co-ordinator on 01793 828000
- Email us on training@pfapl.com