

SHORT COURSE



DURATION

3 Day



COST

R5250pp



IN PERSON

Yes



ONLINE

Yes



THE INTERPRETATION OF TECHNICAL DRAWINGS AND PLANS

This course creates an understanding of how to be able to read and interpret construction drawings and specifications. These competencies complement the other core supervisory competencies and contribute to the development of a professional community of Civil Engineering Construction Supervisors.

THE PURPOSE OF DRAWINGS & SPECIFICATIONS IN A CONSTRUCTION PROJECT

The requirements of drawings and specifications in terms of the contract documentation, the Bill of Materials and standard industry practice. Focus is also given to Concept drawings, Tender drawings, construction drawings, approved building drawings and as built drawings including the indication of materials standards.

TYPES OF DRAWINGS AND THE VARIOUS SYMBOLS USED ON THE DRAWINGS

How the type and application of drawings relates to construction process, including plans, sections, elevations and work sketches. Who are the users of the drawings in terms of work responsibilities. The specifications and notes in terms of work requirements, along with symbols and abbreviations and their functions and meanings, and the layout of the different views and the purpose of each view in terms of the outcomes for the completed project.

HOW TO SAFEGUARD, STORE AND ISSUE CONSTRUCTION DRAWINGS

The purpose of drawing and revision numbers in terms of utilisation of the correct drawing, and the consequences of using the wrong drawing. How to secure and store drawings in a safe place and maintain a drawing register.

APPLY INFORMATION FROM DRAWINGS IN CONSTRUCTION ACTIVITIES

How to interpret notes and orientate drawings in terms of site landmarks and the North indicator, extract information for setting out on site, converting scales and measurements to accommodate required dimensions of the site.



40 Essex Terrace, Westville, 3629



Tel: 031-831 3238



training@masterbuilders.co.za