



# Andhra Pradesh State Skill Development Corporation



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## AutoCAD(CIVIL)

### Footing Detailing



# DETAILS OF THE STRUCTURAL ELEMENTS, TITLE BLOCK AND PRINT OPTIONS FOOTING DETAILING

## FOOTING DETAILING

Footing is a continuous strip of concrete that serves to spread the weight of a load-bearing wall across an area of soil. It is the component of a shallow foundation.

### TOP VIEWS

#### STEP FOOTING



**Fig: Step Footing**

#### SIMPLE FOOTING



**Fig: Simple Footing**



## SLOPED FOOTING



**Fig: Sloped Footing**

## CROSS SECTION (C/S)

Reinforced concrete footing is as important as site investigation for the structural design of footing. A good detailing reflects the design requirement of the footing for the structural stability. Reinforcement detailing of isolated footing

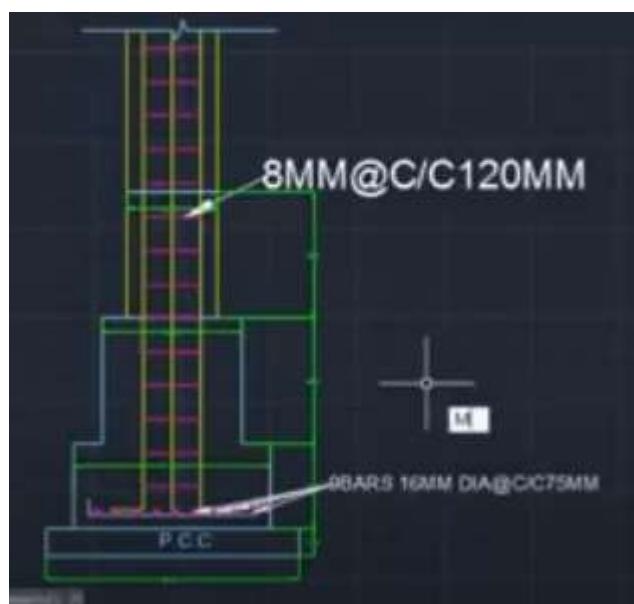
1. Concrete cover reinforcement
2. Minimum reinforcement and bar diameter

### 1. Concrete cover reinforcement

According to IS 456-2000 the minimum thickness to main reinforcement for the footing should not be less than 50 mm.

### 2. Minimum reinforcement and bar diameter

The minimum diameter for main reinforcement should not be less than 10mm.



**Fig: CROSS SECTION (C/S)**