

SECTION A-A

BASEMENT PLAN

Notes:

1. DO NOT CONSTRUCT THIS DRAWING
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS AND SPECIFICATIONS IN THIS SERIES.

REINFORCED CONCRETE

Concrete mix for in situ reinforced concrete shall be a designated mix type RC35 to B58500 using 20mm maximum aggregate and with a slump Consistence Class of S2.

Reinforcement:

- H - High tensile (deformed) bars to B54449
- R - Mild steel (round) bars to B54449
- Mesh fabric to B54483

Reinforcing bars cut and bent in accordance with BS5686 2005 and bar schedules.

Minimum concrete cover to all reinforcement (including links) shall be 20mm unless noted otherwise.

Type and size of spacers used to maintain concrete cover will be agreed with the engineer.

A layer of blinding concrete (grade C10) of minimum 50mm thickness is to be laid beneath all RC bases, slabs, or beams in contact with the ground (unless noted otherwise). Blinding thickness to be increased locally to fill any isolated pockets of soft material.

Location of construction joints to be approved by Engineer. Vertical stop boards are placed at 90° to the member and concrete thoroughly consolidated against them. Before the next pour the exposed concrete shall be thoroughly cleaned and wire brushed to expose aggregate leaving an irregular surface.

All construction joints in basement walls and slabs, including kickers, will be sealed against moisture ingress by means of P/Vc water-bars by messrs' SERVICISED Ltd, or other approved manufacturer.

Water-bars are to be fitted and jointed in accordance with the manufacturer's instructions and the specification.

PLANNING

BdR

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