

SEQUENTIAL REINFORCED WALL CONSTRUCTION

- 1) Wall sections shall be excavated in lengths not exceeding 1m, and concreted to the required level before proceeding to the next leg in the sequence. The sequence of construction is as given on the plan. Like numbered sections can be excavated and concreted simultaneously. Deviation from the stipulated sequence or configuration of wall sections may be permitted at the discretion of the Engineer, but under no circumstances shall the unsupported length of structure exceed 25% of the entire structure.
- 2) The concrete in the wall lengths shall be placed immediately after the excavation and placement of reinforcement is complete and has been approved by the Engineer and local authority Building Control Inspector.
- 3) Reinforced concrete in wall lengths and base sections shall be grade C35, 25mm maximum nominal aggregate size with a minimum content of sulphate resisting Portland cement of 450 kg/cu.m
- 4) Wall lengths and base sections shall be tied together with projecting reinforcement. In the initial sections the reinforcement is to be driven into the face of the excavation for the specified lap length. When subsequent excavation of adjacent wall lengths is carried out, the exposed concrete face and projecting reinforcement shall be thoroughly cleaned.
- 5) Where reinforcement is required to connect to other elements of the structure, these shall be installed into the wet concrete, with adequate embedment.
- 6) At least 24 hours shall elapse before commencement of the excavation for the next section in the sequence.
- 7) Care shall be taken to avoid damage to service connections to the building. Gas, water and electricity mains shall be properly supported and protected when exposed, and re-buried or sleeved in accordance with the requirements of the relevant Statutory Authority. Drainage connections shall be similarly protected, but where temporary disconnection is unavoidable, this must be by arrangement with the occupiers. In any event reconnection of services must be made at the end of each day.

TITLE METHOD STATEMENT FOR SEQUENTIAL REINFORCED WALL CONSTRUCTION.		RICHARD FRYER ASSOCIATES CONSULTING ENGINEERS 30 HARVARD ROAD CHISWICK, LONDON W4 4EA 020 8994 3958 / 07958 80035	
PROJECT 239 HAVERSTOCK HILL, LONDON NW3.			
DATE May 2012	SCALE —	BY R. Inger	5080/12