



APPENDIX B

SPECIFICATION FOR THE REPAIRS OF CONCRETE SERVICE ROADS

- 1 - Areas to be repaired to be marked on the road by a representative of the HHGE Residents Ltd and agreed with the Contractor. The areas to be repaired are indicated on drawing No.1
- 2 - Top edges of the existing concrete slab to be saw cut to a depth of 15mm around the area to be removed. The remaining concrete slab to be left rough and chamfered to assist with continuity with the new slab.
- 3 – The marked areas of existing concrete to be removed, together with any hardcore and subsoil, to a depth of at least 200mm.
- 4 - All debris and rubbish to be removed and cleared from site.
- 5 - Any existing reinforcement protruding from the existing concrete to be left in place and incorporated in the new concrete slab.
- 6 – If further excavation, depending on the condition of the soil, is required it has to be agreed with the Client's representative. Any over excavation to be backfilled with compacted hard core. Maximum size of particles in the hard core to be 50mm.
- 7 - Lay 200mm thick road way with 30 N/mm² grade compacted concrete. Concrete to be laid to falls to ensure proper drainage to existing gullies or the outer edge of the road. Concrete not to be poured when the air temperature is predicted to fall under 5⁰ C.
- 8 - New concrete slabs to have mesh reinforcement consisting of two layers, top and bottom, of A193 mesh held in position with appropriate spacers to give a concrete cover of 30mm top and bottom.
- 9 – Concrete surfaces to have a tamped finish and laid to falls to ensure proper surface drainage to existing drainage gullies, or to the side of the road.
- 10 – Expansion joints to be installed across the width of the road at 5m intervals. These joints to be located in the new concrete if required by the Client's representative. The cost of a meter length of a movement joint to be quoted by the Contractor in his pricing.
- 11 – Expansion joints to consist of 25mm thick compressible material for the full depth of the slab. The top 25mm of the board to be racked out and filled with hot pitch to form a flexible water proof barrier. Dowel bars, 12mm diameter, to each be 600mm long with 300mm wrapped in DENSO TAPE

**Hanger Hill Garden Estate Residents Association is the Managing Agent for
Hanger Hill Garden Estate Residents Ltd
Company No: 01757836. Registered Office: 112 Princes Gardens, London W3 0LJ**



**HANGER HILL GARDEN ESTATE
RESIDENTS ASSOCIATION
Houses Management Board**



to break the bond on one side of the joint. Dowel bars to be at 300mm spacing in the middle of the concrete slab.

12 – The surface of the concrete to be properly cured for a period of at least 3 days, (for example by covering with Hessian and keeping damp).

13 – Final areas to be measured and agreed between the Contractor and the representative of the HHGE Residents Ltd.. Payment to be calculated as a sum based on £/m² of the new concrete slab.

14 – Pot holes to have all loose material removed, backfilled with compacted gravel, and finished with 200mm thick of reinforced concrete.

15 – Drainage grating to be lifted and the drains and the to be cleaned out. See drawings No. 2 & 3 for location.

16 - The prizing for the concrete channel with a grating and emptying into the existing drainage, see drawing No 3, to be priced individually.

17- Any additional items of work that may be found to be required , to be paid for at day work rates with materials at cost plus 10%. Day work rates to be given in the Contractor's quotation.

_____ // // // // // _____ // // // // // _____

**Hanger Hill Garden Estate Residents Association is the Managing Agent for
Hanger Hill Garden Estate Residents Ltd
Company No: 01757836. Registered Office: 112 Princes Gardens, London W3 OLJ**