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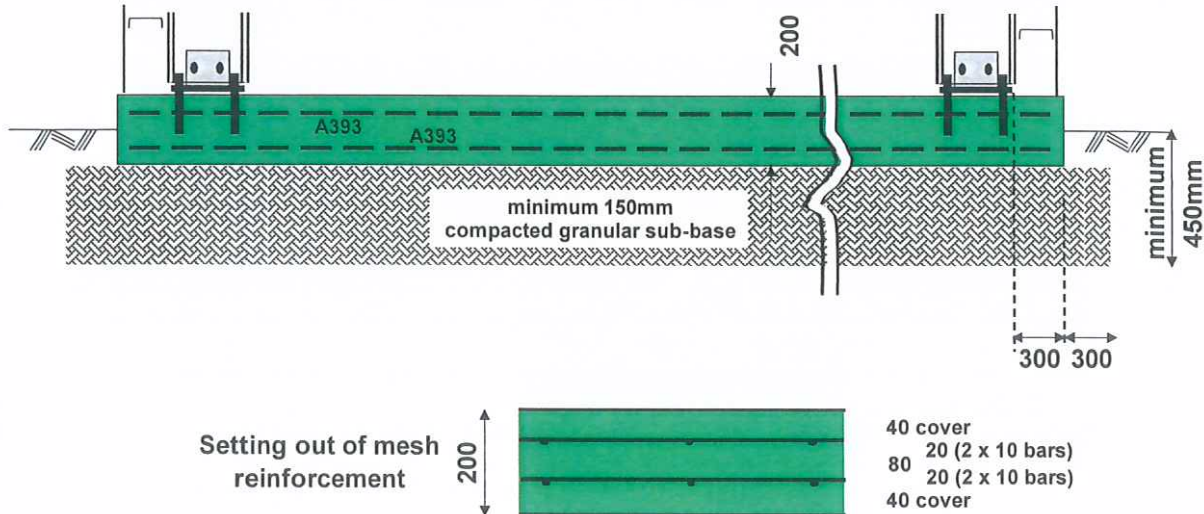
Project No.
18-086
(ref. MSB 603)

Sheet No.
SK1

Project. **MIDBROOK ENTERPRISES LIMITED
LPA LIGHTING SYSTEMS**

By. KL	Checked. NH	Issue 1	Rev
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ADOPT 200 mm SLAB WITH A 393 FABRIC TOP & BOTTOM



NOTES

TREES

It is understood that there are trees present in the vicinity of the proposals. However the influence has not been considered due to non-shrinkable subsoil strata. (See general description on sheet 2)

SUB-BASE

All top soil and concrete to be removed. Footprint to be proof rolled prior to placement of crushed granular material, (DOT Type 1), and compacted in maximum 150mm thick layers. Minimum allowable ground bearing capacity to be not less than 40kN/m^2 . Sub-base to be blinded, prior to laying of polythene damp proof membranes.

DPM

Damp proofing to architect's details.

INSULATION

Un-insulated slab has been considered.

SLAB

200mm thick slab, concrete grade 28/35, (minimum cement content 300kg/m^3 , maximum water / cement ratio 0.6, maximum aggregate size 20mm). Typical joint details and suggested location of joint refer to sheet SK2.

REINFORCEMENT

Minimum cover 40mm. Minimum laps to fabric to be 400mm. Fabric to be nestled and joints staggered to minimise congestion at laps, (or use mesh with flying ends).

FIRE BOUNDARY CONDITIONS

Fire boundary conditions have been considered in the design of raft foundation.