



Drainage Grid Installation



1. Excavate Pit

Showing a typical location. Excavate 350mm for the drainage grid + 150mm for the concrete base plus aggregate base, depth depending on ground conditions. Allow a minimum of 300mm all round for the concrete aprons.



2. Prepare Sub-base & Fit Drainage

Eg. 0-40mm compacted aggregate. Sub-base depth to be consistent with existing road or CBR test. Drainage consistent with expected flow eg. 160mm dia land drain or untrapped road gully with 150mm dia outlet.



3. Lay Concrete Base

Eg. 150mm of mesh reinforced concrete. C40 mix to BS8500. Once the concrete pad is cured ...



4. Drop in Grid

Assemble the grid/kerb frame to one side and position the grid onto a flat concrete base. Bolt down to prevent disturbance whilst finishing off.



5. Concrete Aprons

Concrete to the grid surface with C40 mix to BS8500. Use a vibrating poker to eliminate voids around the kerb frame.



6. Fit Fencing and Signage

Job done.

This document is to be used as a guide only