



## 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**