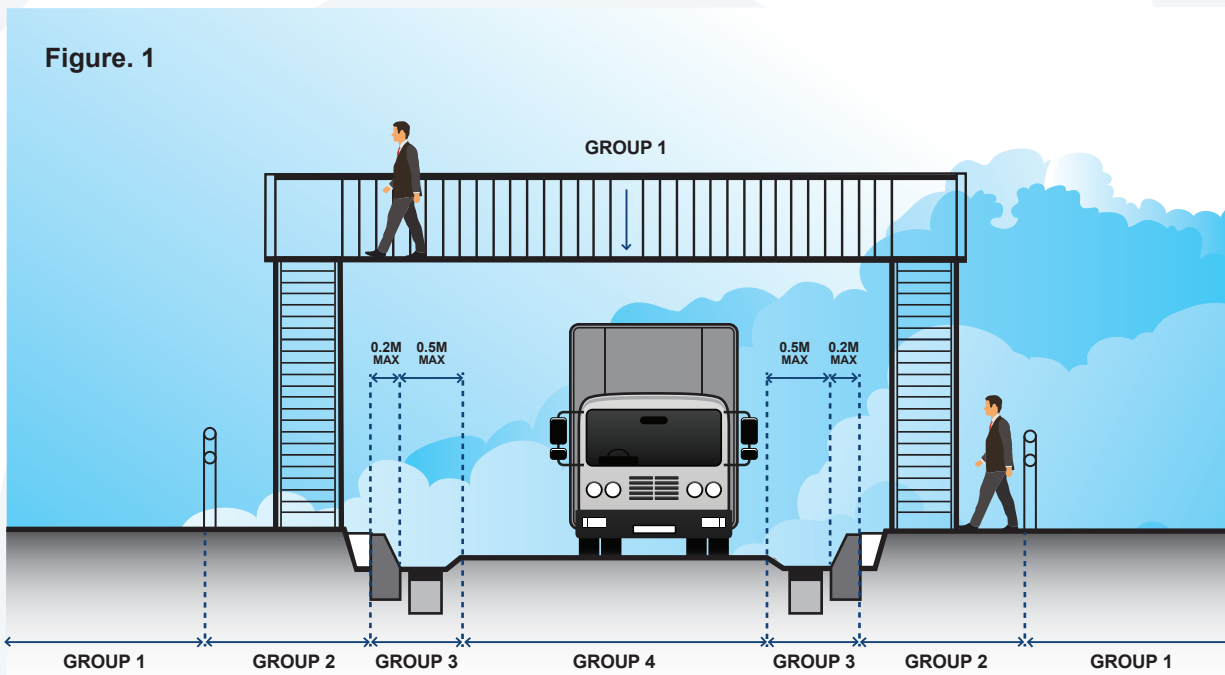








The appropriate class of manhole cover or gully grate to be used depends on the place of installation.

- The various places of installation have been divided into groups numbered 1 to 6.
- **Figure. 1** shows the location of these groups in a highway environment.
- A guide as to which class of manhole top or gully top should be used is shown in parenthesis for each group below.



-  **A15 (GROUP 1)**
 Access covers and gratings capable of withstanding a 1.5 tonnes test load. For use in areas where only pedestrians and cyclists have access to.
-  **B125 (GROUP 2)**
 Access covers and gratings capable of withstanding a 12.5 tonnes test load. For use in car parks and pedestrian area where occasions vehicular access is likley.
-  **C250 (GROUP 3)**
 Access covers and gratings capable of withstanding a 25 tonnes test load. For use in areas where not extending more than 500mm from the kerb face into carriageway.
-  **D400 (GROUP 4)**
 Access covers and gratings capable of withstanding a 40 tonnes test load. For use in areas where cars and lorries have access, including carriageways, hard shoulders and pedestrian areas.
-  **E600 (GROUP 5)**
 Access covers and gratings capable of withstanding a 60 tonnes test load. For use in areas where heavy wheel loads are imposed such as loading areas, docks or aircraft pavements.
-  **F900 (GROUP 6)**
 Access covers and gratings capable of withstanding a 90 tonnes test load. For use in areas where very heavy wheel loads are imposed such as aircraft pavements.

The application British Standards in the UK for access covers gully grates is **BSEN 124: 1994**. This standard divides access covers and gully grates into number of classes by static test load. It also categorises the various places where they may be installed from Group 1, the least demanding environment through to Group 6, the most demanding. It provides guidance on the minimum class to be used againts each installation group.

