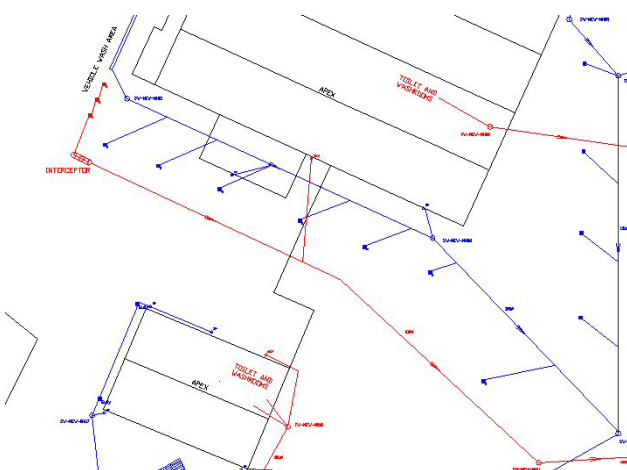


Project, Drainage survey and investigation for ISO 14001 accreditation for a group of nine large commercial vehicle workshops.

Young Technical Services carried out the drainage survey and investigation work at nine commercial vehicle workshops. These large busy depots handle commercial vehicle servicing, maintenance and accident repairs, they have vehicle wash facilities, interceptor chambers and complex drainage networks.

The survey and report objectives were as follows:

- To provide accurate plans of each depot showing all buildings and features.
- Map all drains and sewers including roof drainage, gullies, S&V's, manholes.
- To prove the connectivity of the drainage system.
- To identify connections to the public drainage system or water courses.
- To identify any oil interceptors and determine there volume and classification.
- To identify and map vehicle wash areas.
- To identify and report on any pollution to the surface water drainage system or water courses.
- To highlight any deficiencies in the drainage system.
- To make recommendations for future maintenance and remedial works.



Typical drainage plan



Dye tracing to prove connection

We used topographical survey methods to map buildings, impermeable areas, and manhole positions. All manhole covers were lifted and pipe connectivity traced using dye trace, rods and CCTV. Gullies, down pipes, and internal waste pipes were all traced and connections marked on the plan.

The Young Technical Services drainage report provided the basis of our clients Environmental Management System and accreditation is progressing well. The report has also been utilised for drainage maintenance planning and gives a firm base for environmental auditing.

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