



## NOTES

Standard manholes should be supplemented, if necessary, with the following details.

	Std. Drg. No.
PIPE LAYOUT DETAILS	5302/1
MANHOLE OR CATCHPIT RAMP	5303
MANHOLE OR CATCHPIT BACKDROP	5304
MANHOLE OR CATCHPIT LADDERS	5305
MANHOLE HANDRAIL	5306
MANHOLE SAFETY CHAIN	5307
MANHOLE HANDHOLD AND STEPPED ACCESS TO INVERT	5308
M'HOLE OR C'PIT SEATING SLAB	5309

The differences in invert levels, "h", stated for ramps and backdrops are the absolute minimum values. Checks should be made using details of the branches and bends anticipated for use, to establish the actual value of "h".

The outlet pipe in any manhole is assumed to be the maximum pipe diameter.

It is recommended that manholes of over 6.0 metres to invert and with pipes greater than 0.9m dia. are drawn and detailed individually.

Manholes with an outlet pipe of 500mm dia. or greater shall be provided with a handhold and stepped access to the channel invert.

Manholes with an outlet pipe of 600mm dia. or greater shall be provided with a handrail and safety chain.

The chamber size is given as the length x breadth, where length is measured from the face of the outlet pipe wall.

Where a manhole is constructed on a Scottish Water sewer, the requirements of Scottish Water must be considered in the construction.