

		NOTES													
<p>Catchpits</p> <pre> graph TD A["Difference in invert levels Main inlet - outlet = h"] --> B["h ≤ (inlet dia. + 500mm.)"] A --> C["h > (inlet dia. + 500mm.) Standard Catchpit with ramp Std.drg.no.5303"] B --> D["Standard Catchpit"] B --> E["Depth to base slab (upper surface)"] D --> F["≤ 3.0m."] D --> G["> 3.0, ≤ 6.0m."] D --> H["> 6.0m."] F --> I["Outlet pipe dia. (max. pipe dia.)"] F --> J["Chamber size"] I --> K["≤ 225mm"] I --> L["> 225mm, ≤ 375mm."] I --> M["> 375mm, ≤ 600mm."] I --> N["> 600mm."] K --> O["Std.drg.no. 5361"] L --> P["Std.drg.no. 5361"] M --> Q["Std.drg.no. 5361"] N --> R["Std.drg.no. 5362"] J --> S["Catchpit Type No. 1"] J --> T["Catchpit Type No. 2"] J --> U["Catchpit Type No. 3"] </pre> <p>The diagram shows the selection of a standard catchpit based on the difference in invert levels (h). If $h \leq (\text{inlet dia.} + 500\text{mm.})$, it uses a standard catchpit with a ramp (Std.drg.no.5303). If $h > (\text{inlet dia.} + 500\text{mm.})$, it uses a standard catchpit with a backdrop (Std.drg.no.5304). The standard catchpit is further divided by depth to the base slab (upper surface) and outlet pipe diameter (max. pipe dia.). Depth is categorized as ≤ 3.0m., > 3.0, ≤ 6.0m., and > 6.0m. Outlet pipe diameter is categorized as ≤ 225mm, > 225mm, ≤ 375mm, > 375mm, ≤ 600mm, > 600mm, and > 600mm. Chamber size is categorized as 1 (1125 x 900mm or 1050mm dia. (1125 x 1200mm or 1350mm. dia., <2m)), 2 (1125 x 1125mm or 1200mm.dia. (1350mm. dia., <2m)), and 3 (1350 x 1350mm. or 1350mm.dia. with ladder).</p>	<p>Standard Catchpits should be supplemented, if necessary, with the following details.</p> <table> <tr> <td><u>Std.Drg.No.</u></td><td></td></tr> <tr> <td>PIPE LAYOUT DETAILS</td><td>5302/1</td></tr> <tr> <td>MANHOLE OR CATCHPIT RAMP</td><td>5303</td></tr> <tr> <td>MANHOLE OR CATCHPIT BACKDROP</td><td>5304</td></tr> <tr> <td>MANHOLE OR CATCHPIT LADDERS</td><td>5305</td></tr> <tr> <td>M'HOLE & CATCHPIT SEATING SLAB</td><td>5309</td></tr> </table> <p>The difference 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".</p> <p>The outlet pipe in any catchpit is assumed to be the maximum pipe diameter.</p> <p>It is recommended that catchpits of over 6.0 metres to invert are drawn and detailed individually.</p> <p>The chamber size is given as the length x breadth, where length is measured from the face of the outlet pipe wall.</p>	<u>Std.Drg.No.</u>		PIPE LAYOUT DETAILS	5302/1	MANHOLE OR CATCHPIT RAMP	5303	MANHOLE OR CATCHPIT BACKDROP	5304	MANHOLE OR CATCHPIT LADDERS	5305	M'HOLE & CATCHPIT SEATING SLAB	5309		
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MIDLOTHIAN COUNCIL Roads Services	<h2>CATCHPITS</h2> <h3>NOTES FOR GUIDANCE</h3>		<p>DATE: Mar 2013</p> <p>No. 5351</p>												