



**NOTE:**

1. ALL CONCRETE PIPES MUST BE CUT AS PER MANUFACTURERS RECOMMENDATIONS.
2. CONCRETE PIPE FACES TO BE WIREBRUSHED AND EPOXIED.
3. SUMP DEPTH 1.2m.
4. DO NOT BOLT DOWN GRATES FOR CLEANING PURPOSES.
5. 2x D12 BARS IN CONCRETE APRON AROUND GRATE.
6. PRECAST SUMP BACK
  - STANDARD PRECAST FOR SMALL FLOWS
  - HIGHFLOW PRECAST BACK FOR HIGH FLOWS
7. HIGHFLOW PRECAST SUMP BACKS CAN BE USED ON SINGLE SUMPS IN RESIDENTIAL AREAS INSTEAD OF DOUBLE SUMPS WITH STANDARD PRECAST BACKS TO INCREASE FLOWS.
8. LITTER TRAPS TO BE INSTALLED IN SHOPPING AREAS AND CATCHMENT AREAS.
9. ENVIRO PODS TO BE INSTALLED WITH SOAKPITS.
10. IF PVC SN16 IS USED FOR STORMWATER, DOUBLE FLEXI JOINTS MUST BE INSTALLED AT MANHOLES. TWO FLEXIBLE JOINTS WITHIN 750mm.
11. CONCRETE PIPES REQUIRE ONE FLEXIBLE JOINT WITHIN 750mm OF ALL MANHOLES.
12. ALL SUMP LEADS CLASS 4 CONCRETE.
13. ALL SUMPS AND SUMP LEADS, MUST BE INCLUDED IN RAMM ASBUILT DATA.
14. ALL DIMENSIONS IN MILLIMETRES
15. BACK GRATE TO BE INSTALLED SUBJECT TO ENGINEERS APPROVAL.
16. PLEASE REFER TO DRAWING KCDC-SW-006 FOR CAST IN SITU



**STANDARD DETAILS**

**STANDARD SINGLE SUMP**

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<b>Approved</b>	B. MURRAY	<b>Revision Date</b>	APRIL 2018
<b>Scale</b>	NOT TO SCALE	<b>Drawing No.</b>	KCDC-SW-001
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