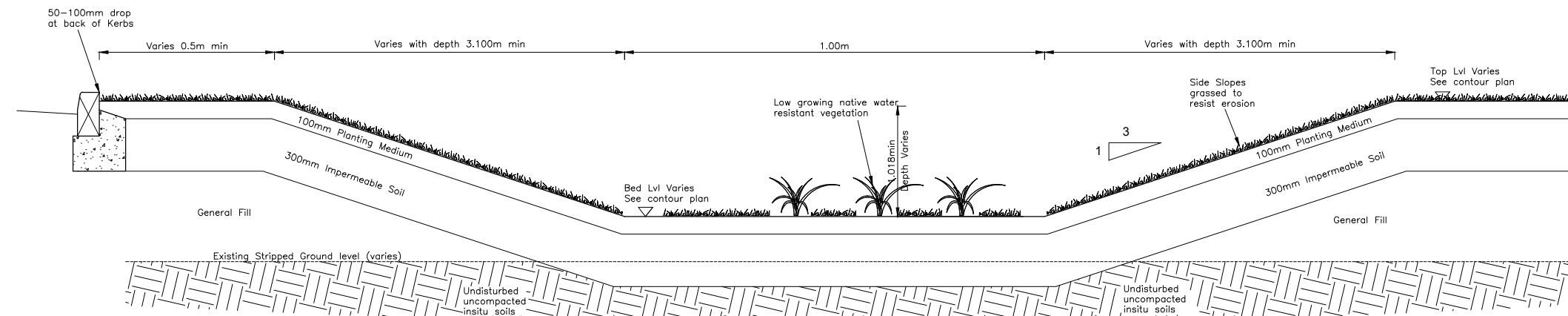
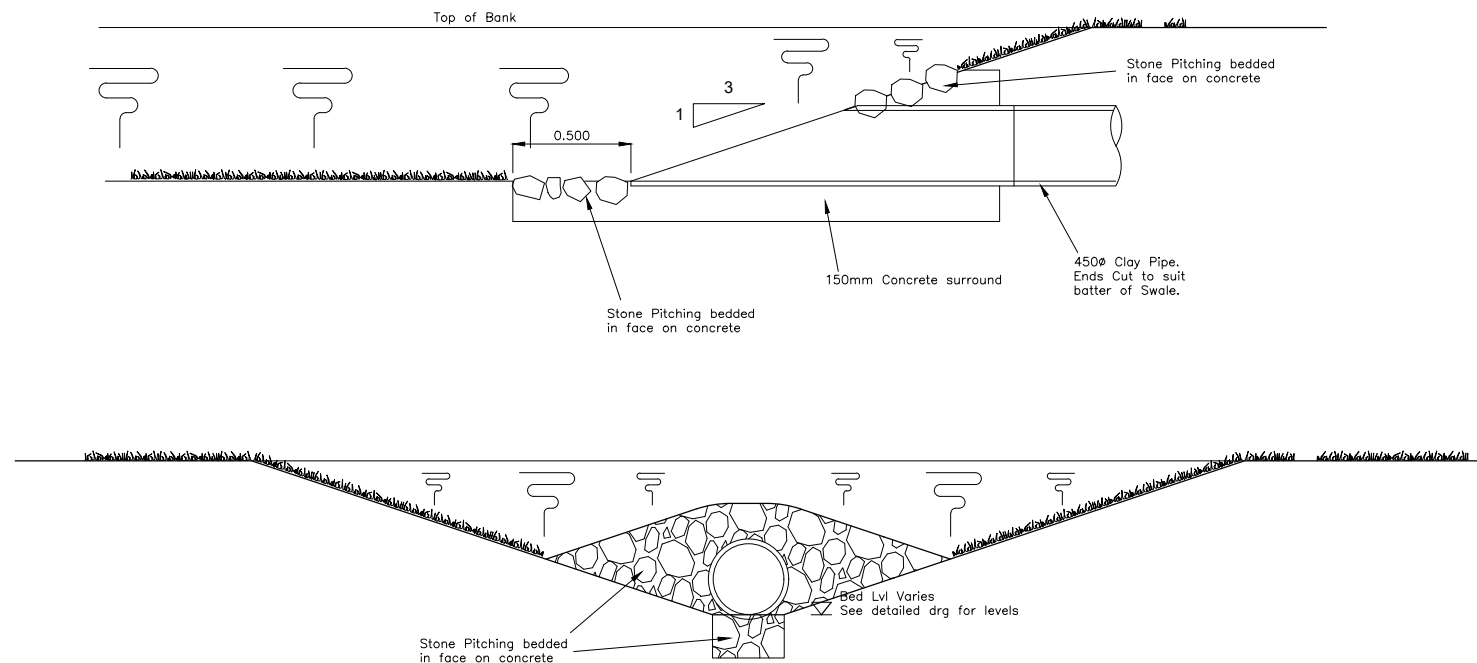
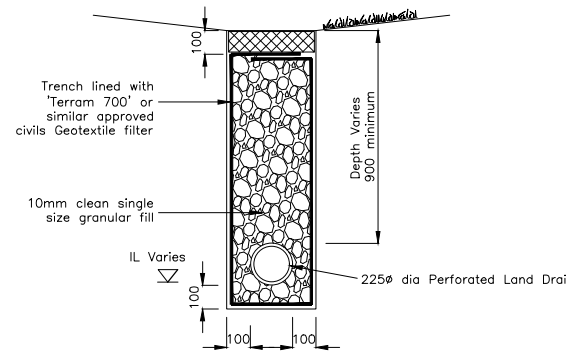




Typical Swale Cross Section



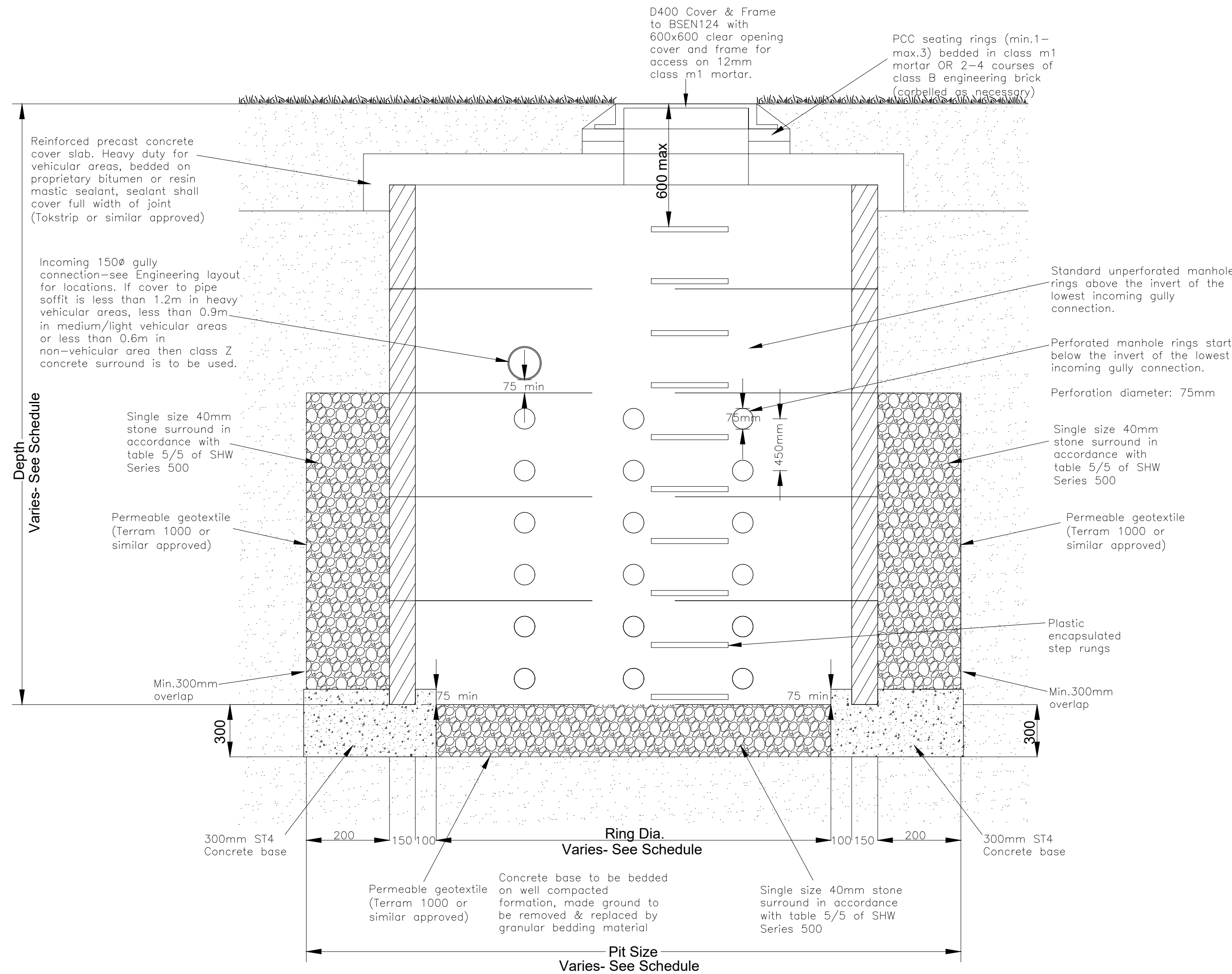
S7 Swale Headwall



Land Drain Detail

Swale Notes:

1. Refer to Engineering layout for incoming invert levels.
2. Swales to be laid at uniform gradient/fall as per the sections.
3. Build and vegetate swale as early as possible to establish plantings before directing stormwater runoff to it or divert stormwater around facility. Preferably, this period would last a minimum of 3 months or per landscape architect/designer guidelines.
4. Edge slopes and Batters to be no steeper than 1in3
5. Where deep water is expected, safety fencing is to be provided to prevent accidental access. For fencing details please refer to boundary treatment plan.
6. Plants and vegetation to be installed as per landscape architect dwgs. Native plants are preferred, because non-native and invasive species can reproduce downstream and damage hydrology and habitat. If non-natives are chosen, be sure that they will not damage downstream waterways.
7. All swales to be inspected and maintained regularly. An inspection and maintenance schedule is to be developed for each site.



ADOPTABLE HIGHWAY SOAKAWAY

Highway Soakaways				
Reference	Infiltration Rate m ³ /hr	Depth Below Inlet (m)	Ring Diameter (m)	Pit Size (m)
Road 12	6.0928	1.82	3.00	3.60
Private Soakaways				
Reference	Infiltration Rate m/s	Depth Below Inlet (m)	Ring Diameter (m)	Pit Size (m)
Road 10	0.000514	0.50	0.9	1.5
Road 8	0.000514	0.50	0.9	1.5
121-126	0.000371	1.09	1.5	1.8
143	0.0000227	0.53	1.8	2.5
144	0.0000227	0.08	1.8	2.5
145	0.0000227	0.05	2.1	3.0
146	0.0000227	0.45	1.8	2.5
147	0.0000227	0.00	2.1	3.0

WARNING TO HOUSE-PURCHASERS

Property Madescriptions Act 1991

Buyers are warned that this is a working drawing and is not intended to be treated as descriptive material describing, in relation to any particular property or development, any of the Specified matters prescribed by any Order made under the above Act. The contents of this drawing may be subject to change at any time and alterations and variations can occur during the progress of the works without revision of the drawing. Consequently the layout, form, content and dimensions of the finished construction may differ materially from those shown. Nor do the contents of this drawing constitute a contract, part of any contract or warranty.

REV	DESCRIPTION	DATE	DRAWN
P09	Soakaways for Plots 143–147 revised	02.11.25	CD
P08	Plots 143–147 private soakaways added	25.09.25	CD
F	Plots 121–126 car park soakaway added to schedule	14.07.20	CD
E	Private land drain soakaway details schedule added	05.07.19	CD
D	Road 12 soakaway revised following on from additional soakaway testing	25.03.19	CD
C	Road 8 soakaway removed	28.02.19	CD
B	Soakaway base and perforation details revised; soakaway dimension note added	12.02.19	CD
A	Road 12 Soakaway dimensions revised	18.01.19	CD


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Job	Burlow Road Buxton Site A		
Title	Infiltration Swale and Highway Soakaway Construction Details		
Design By CD	Date Oct 2018	Drawing Number 473/ED/83	Rev P09
C.A.D By CD	Scale @ A1 N.T.S.		