



SW
CL 130.117
IL 128.450
1200Ø PCC

-127.850 ea

-127.810 ea

-127.800 ea

-127.800 ea

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-127.800 ea

450mm Ø culvert

5m offset - no climbing

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EXISTING POND

Assumed connection to pond -
to be confirmed by survey

Existing ditch to be removed. No connections
have been identified during survey, a
diversion is not required. Engineer should be
notified if any existing connections are
identified during construction works.

Existing connection to ditch (100mm)

No existing outfall identified. Connectivity
assumed with southern ditch - to be
confirmed during construction

Break line between gravity
system and infiltration system.

SW Flow Control Chamber
CL 126.000
IL 124.875
13500 PCC
Discharge limited to 10l/s

Geo cellular attenuation tank
CL = Varies
IL = 124.900m
Volume = 350m³ (Based on a 95% void porosity)

Hardstanding south of dashed line to be permeable paving
infiltrating directly to ground. Design based on infiltration
rate of 6.0 x 10-7m/s - 0.00216m/hr (2.16mm/hr). It is
recommended that additional testing is undertaken at
soakaway formation depth prior to construction.

Min. 320mm of sub-base depth (with min 30% void
content) is necessary to provide required attenuation.
320mm at lowest point and increase depth at high end to
maintain level formation and provide maximum attenuation.

Reinforced grass with no
positive drainage provision as
per Architect's detail.

Break line between gravity
system and infiltration system.

SW CL 129.172
IL 127.972
1200Ø PCC

SW CL 127.278
IL 126.078
1200Ø PCC

SW CL 127.738
IL 126.613
1200Ø PCC

SW CL 126.724
IL 125.599
1200Ø PCC

SW CL 126.600
IL 125.275
1200Ø PCC

SW CL 126.600
IL 125.215
1200Ø PCC

SW CL 126.700
IL 125.499
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SW CL 126.600
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SW CL 126.700
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SW CL 129.370
IL 128.179
1200Ø PCC

SW CL 129.360
IL 128.139
1200Ø PCC

SW CL 128.725
IL 127.600
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SW CL 128.725
IL 127.506
1200Ø PCC

SW CL 129.000
IL 127.390
1200Ø PCC

SW CL 129.070
IL 127.945
1200Ø PCC

SW CL 128.244
IL 127.119
1200Ø PCC

SW CL 128.010
IL 126.885
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SW CL 126.700
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