



Shallow drainage swale to be constructed (where required), to capture and direct surface water flows.

Ground to be regulated using suitable material, before a layer of geogrid is applied as a separation layer between the stone and ground.

6000 mm

15-18m

150 mm

Min 450 mm

A4 - DO NOT SCALE

- Notes:
- Road to be constructed by regulating the ground using suitable material.
 - A layer of geogrid is to be laid across this leveled ground.
 - A 450mm thick bed of 'scalings' is to be laid as the road formation. This is to be compacted in thickness no greater than 250mm.
 - A final 150mm layer of Type 1 aggregate is to be laid to a cambered profile and compacted to form the running surface.

- All products should be installed to manufacturer's recommendation.
- All dimensions are in mm unless otherwise specified.
- Drainage culverts should be installed at regular intervals to prevent rainfall/surface water collecting/being impounded by the road formation. Culvert spacing will vary depending on road gradient, general topography and susceptibility of sub-grade to erosion. The proximity of culverts increases with steeper road gradient and the erosion risk.
- All HDPE culverts pipes to be BBA approved (4kN minimum), and no smaller than 300mm dia.
- Roads should be constructed to a maximum longitudinal gradient of 1 in 10 (10%), & considerations should be given for sag & crest curves.
- Road paving/surfacing should be constructed with a camber to promote surface water run-off (125mm recommended difference between centre and outside of road paving). Compaction should be achieved, where possible, by either using a three-point non-vibrating roller (approx. 8tonnes), or a towed vibratory roller (3-5 tonnes dead-weight).

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Bike Park Wales
 General Arrangement
 Drawings

New Extended
 Overfill Road
 Section

Drawing No:	BPW_01_001
Revision No:	B