

PERFORMANCE SPECIFICATION

BATTLE HEALTH PATHWAY
BATTLE TOWN COUNCIL

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NOTES

- The purpose of a Performance specification is to describe the result that is required from particular items (rather than a specific brand or type of item). It is the Contractors responsibility or supplier to satisfy that requirement. In this situation, the nature of the performance required may be defined by the desired outcome, or by reference to standards.
- Soft landscape elements illustrated on drawing HBA/751/04 are excluded from the scope of works and are shown for information only.
- It is the Contractors responsibility to implement the works in a competence manner to ensure the overall design intent is achieved to the appropriate level of workmanship and in accordance with the relevant standards and guidelines.
- This document shall be read in conjunction with drawing HBA/751/04 and the Hazard/ Risk Identification Checklist.

TO INFORM TENDER

1. HARD MATERIALS

1. Timber post and rail staggered chicane		
Image	Specification	Design Intent
	<ul style="list-style-type: none"> Treated timber morticed post and rail fence with 3 horizontal rails to form 3m x 3m cycle chicane. Foundations to be suitable for ground conditions and retain fencing in place and upright. Minimum 15 year service life. 	To replace existing entrance gate to allow for easy access by cyclists and pedestrians, mobility scooters and wheelchairs but prevent access by vehicles.
Location	Reference	Samples
Entrance/ exit to the north west and north east of the site (refer to drawing 751/HBA/04)	Sustrans 'A Guide to Controlling Access on Paths' Jan 2012, Section 7.6 Chicanes.	n/a

2. Cycle Stands		
Image	Specification	Design Intent
	<ul style="list-style-type: none"> Supply and install 8no. 'Sheffield' style galvanised steel cycle stands with the addition of a crossbar for children's bicycle parking. Below ground fixing into concrete foundations. Space between stands to be 1m minimum & 900mm from edge of surface finish. 	Provide cycle parking for visitors to the North Trade Road recreation ground, encouraging travel by bicycle.
Location	Reference	Samples
Near entrance/ exit to the north west and north east of the site (refer to drawing 751/HBA/04)	Sustrans Design Manual Chapter 12, Cycle parking (draft), Nov 2014.	n/a

3. Sub base to all paths (excluding heavy vehicle crossing points)		
Image	Specification	Design Intent
	<ul style="list-style-type: none"> Supply and lay Type 1 sub base to a suitable depth after consolidation for pedestrian/ cycle use. Give consideration for geotextile material. 	<p>To provide the main load-bearing layer of the paths and to prevent settlement.</p> <p>Not suitable for vehicle loading.</p>
Location	Reference	Samples
All paths (refer to drawing 751/HBA/04)	Type 1 granular sub-base to the Department of Transport Specification for Highway Works.	N/A

4. Asphalt gravel surface		
Image	Specification	Design Intent
	<ul style="list-style-type: none"> Surfacing with appropriate falls suitable to allow paths to drain freely to a evenly graded falls. Path widths vary: 3m-2.5m wide. 	<p>To provide a very good surface that can negate the need for a wearing course layer and provides adequate ride comfort.</p> <p>Not suitable for vehicle loading.</p>
Location	Reference	Samples
All paths & hard standing areas for cycle parking (refer to drawing 751/HBA/04)	Sustrans Design Manual Chapter 6, Traffic free routes: detailed design (draft), Construction and ancillary details, Dec 2014.	2m square on site sample before commencement of ground works.

5. Shared Surface - Tar chip and spray surface dressing

Image	Specification	Design Intent
	<ul style="list-style-type: none"> Washed golden coloured 6mm rounded gravel stone. Coat the asphalt surface using a hot spray applied liquid bitumen, then dressing with stone. Appropriate falls suitable to allow paths to drain freely. Shared surfaces to be 2.5m wide. 	<p>To clearly identify shared use paths, be visually sensitive and identify entrances/exits.</p> <p>Not suitable for vehicle loading.</p>
Location	Reference	Samples
<p>Shared surface paths (refer to drawing 751/HBA/04)</p>	<p>Sustrans Design Manual Chapter 6, Traffic free routes: detailed design (draft), Construction and ancillary details, Dec 2014.</p>	<p>n/a</p>

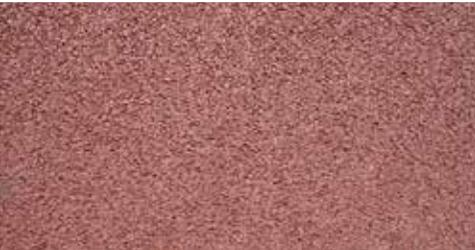
6. Timber Edging

Image	Specification	Design Intent
	<ul style="list-style-type: none"> Treated timber edging & stakes. On curves, cut shallow notches, no more than 8mm deep at suitably spaced centres, into the internal face of the board to aid bend and reduce the risk of splitting the timber and avoid 'dog legs'. Minimum 15 year design life. 	<p>To create a neat edge between the grass and asphalt paths.</p> <p>To create a retaining edge to the path and 'sweet' fluid lines. Marry grass levels up to top of edging.</p> <p>Not suitable for vehicle loading.</p>
Location	Reference	Samples
<p>All paths (refer to drawing 751/HBA/04)</p>	<p>n/a</p>	<p>n/a</p>

7. Thermoplastic graphics		
Image	Specification	Design Intent
	<p>All surface markings to be thermoplastic. Final numbers and locations to be agreed between Client and main contractor.</p> <ul style="list-style-type: none"> • 100m distance markers on outer eastern loop • Motivational phrases (potential community engagement) on main loop • Cycle safety markers & activity ideas. 	<p>To animate, engage and teach young cyclists cycle safety alongside distance markers, activity ideas and motivational phrases.</p>
Location	Suggested Suppliers/ Manufacturers	Samples
<p>To the Loop - Exact locations T.B.C at Design & Build stage. To the outer route - Refer to drawing 751/HBA/04</p>	<p>www.thermmark.co.uk www.tpdal.co.uk</p>	<p>n/a</p>

8. Timber post with signage		
Image	Specification	Design Intent
	<ul style="list-style-type: none"> • Timber hardwood post/ bollard. • Dimensions to be approx. 110mm x 110mm diameter, 850mm above ground height. • Timber to have natural coloured protective treatment. • Wayfinding signage disc to be fixed to post. 3mm thick foamex material, digitally printed. • Minimum 15 year design life. 	<p>To provide durable, low maintenance and robust signage to clearly identify shared surface and pedestrian routes.</p> <p>6nr bollards in total with the following signage:</p> <ul style="list-style-type: none"> • 2nr. bollards each with 1 no. pedestrian only disc. • 4nr. bollards each with 1 no. shared surface disc.
Location	Suggested supplier/Manufacturer	Samples
<p>Refer to drawing 751/HBA/04</p>	<p>www.fwdp.co.uk www.broxap.com</p>	<p>n/a</p>

9. No-dig construction system		
Image	Specification	Design Intent
	<ul style="list-style-type: none"> • Tree Root Protection System compliant with BS5837:2012. • Topsoil infill to be Site Won or material to BS 3882:2015 with hard wearing amenity grass seed surface in accordance with 11. Amenity Grass. • Timber edging in accordance with Item 6. timber edging. • Suitable for sloping sites. • Non-slip. 	To provide a no-dig construction method within the root protection area of existing trees to enable path access.
Location	Reference/ Suggested supplier/ Manufacturer	Samples
Short section of path section in the western part of the site (refer to drawing 751/HBA/04).	Compliant with BS5837:2012 www.geosyn.co.uk	n/a

10. HEAVY VEHICLE CROSSING POINTS		
Image	Specification	Design Intent
	<ul style="list-style-type: none"> • Sub base edging and surface build-up suitable for heavy vehicle loading/ crossing. (Battle Town Council to advise Contractor on vehicle types). • Contractor to put forward a cost effective surface dressing treatment. Considerations may include anti-skid surface dressing and red coloured asphalt. 	To provide an crossing point in a contrasting surface colour from heavy vehicular access. Ensure clear identification from pedestrian/ cyclist paths.
Location	Reference	Samples
Refer to drawing 751/HBA/04		n/a

11. Amenity Grass		
Image	Specification	Design Intent
	<ul style="list-style-type: none"> • Hard wearing amenity grass mix • Sown at manufacturers recommended rate • De-compaction of ground before seeding • Grade to smooth flowing contours to achieve finished level of topsoil to tie back into existing contours and paths. • Supply & apply pre-seeding fertiliser to manufacturer's recommendations. 	<p>Reinstate existing grass finish which has been disturbed during construction works including re-levelling as maybe necessary.</p> <p>Seeded with amenity grass seed mix.</p>
Location	Supplier/Manufacturer	Samples
All new paths, no-dig construction cellular system & Cellular grass grid system	n/a	N/A

12. Re-use existing kerbs		
Image	Specification	Design Intent
	Contractors choice to reuse or dispose of off-site and supply new.	Lay re-used road kerbs to main entrance area as dropped kerb where shown on plan.
Location	Supplier/Manufacturer	Samples
North west entrance (refer to drawing 751/HBA/04)	n/a	n/a

13. Cellular grass grid system

Image	Specification	Design Intent
	<ul style="list-style-type: none"> • Recycled plastic grass reinforcement system. • Topsoil infill to be Site Won or material to BS 3882:2015 with hard wearing amenity grass seed surface in accordance with 11. Amenity Grass. • Timber edging in accordance with Item 6. timber edging. • Non-slip • Suitable for sloping sites. 	<p>A rigid, high quality grass reinforcement system, designed to perpetuate the growth of grass under conditions of intensive pedestrian traffic.</p>
Location	Suggested supplier/Manufacturer	Samples
<p>Section of path section in the western part of the site (refer to drawing 751/HBA/04).</p>	<p>www.geosyn.co.uk</p>	<p>n/a</p>

14. Drainage associated with paths

Image	Specification	Design Intent
<p>n/a</p>	<ul style="list-style-type: none"> • Contractors design, with approval by the Client. 	<p>To shed and collect water so as not to create 'wet' areas ponding or soil erosion to adjacent areas.</p>
Location	Suggested supplier/Manufacturer	Samples
<p>As appropriate.</p>	<p>n/a</p>	<p>n/a</p>

15. Gravel Grid System		
Image	Specification	Design Intent
	<ul style="list-style-type: none"> • Timber edging in accordance with Item 6. timber edging. • Non-slip • Suitable for sloping sites. • Natural coloured gravel infill material. 	To provide a year round durable surfacing to accommodate cycle parking facilities (see Item 2).
Location	Supplier/ Manufacturer	Samples
Cycle parking areas (refer to drawing 751/HBA/04).	https://www.tdpltd.com/	n/a

16. Entrance signs		
Image	Specification	Design Intent
	<ul style="list-style-type: none"> • Hardwood construction • A1 single sided with tamper resistant fixings • Removable graphic panel • Preservative finish 	Battle Town Council to advise on content on interpretation boards.
Location	Supplier/ Manufacturer	Samples
Refer to drawing 751/HBA/04	www.fwdp.co.uk	n/a

17. Management & Maintenance		
Image	Specification	Design Intent
		Battle Town Council to advise on defects period and maintenance of implemented works.
Location	Supplier/Manufacturer	Samples

