

BANKS ROAD FACILITY PROPOSAL



Wheelscape Skateparks
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FAO: Bryan Wynne
Subject: Banks Road Skatepark and Cycle Track
Date: 16th June 2014

Dear Bryan

Thank you for inviting us to tender for the Banks Road skatepark project and cycle path.

We are pleased to submit our proposal for a wheeled sports facility with a concrete surface area of 550m² and 660 linear metres of cycle track as illustrated on the proposed master plan.

The Banks Road site provides Liverpool with the opportunity to realise the ideal street skate terrain in a skatepark for all wheeled sports enthusiasts. The long linear site allows obstacles to be arranged one after the other, in a continuous feast of perfect back-to-back features. The linearity of the park drastically reduces the risk of collisions with other park users; and all whilst totally removing the hazards encountered whilst riding these obstacles in the city or the docks.

We have grasped the opportunity to express Liverpool's port heritage whilst furnishing the city's skaters and riders with a unique and characterful design. Port and industrial themed obstacles, selected for their combination of aesthetic and riding quality have been laid out along the edge of the park. The ends of the park feature customised industrial products to create a strongly expressive cantilevered bank on one end, and raised a social space / DIY spot at the other, referencing the fantastic New Bird St. project. The aim is that it is at least as much fun to ride as it is to design. We are hopeful that we'll be able to engage the Liverpool skaters and riders in the design process, both developing details, sourcing obstacles and laying out the park.

The cycle track will be approximately 1.5 meter wide track consisting of 20mm MOT Type 1 100mm depth with a 60mm of self binding gravel 10mm > dust. excavated material will be used to construct banks and jumps.

The skatepark element of the scheme, as with all of our designs, complies with all of BS EN Standards and ROSPA guidelines whilst also adhering to our own enhanced standards. This is to provide a safe, functional environment for all users without sacrificing the design. We look to ensure that all obstacles have sufficient run-up/run-out as well as space between obstacles to allow the best use of the skatepark. Larger platforms have been incorporated where possible to give more standing space and allow room for multiple users to avoid collision whilst safely awaiting their turn.

Community Consultation

Wheelscape prides itself on its interaction with users throughout a project, especially post tender to ensure the final design is suitable for the local users. Although it may not be an expected part of this process we would urge the client to take full opportunity of our services to refine and develop this design in conjunction with the local users until it is a completely resolved solution. Wheelscape has a history of commitment in developing our designs and welcomes all feedback; we hope to simply facilitate the users in designing their own park.

Local community input and evaluation have proven critical to ensuring the long-term success of any skatepark. Our consultation and design team is made up of professionals, from architect to graduate designers, who are all experienced wheeled sports users. They can communicate on skatepark design in all of the different forums encountered from a Planning committee meeting to the back-room of a skate shop. Their in-depth and practical knowledge covers all areas needed to turn the initial ideas of a user-group into a truly unique and professionally designed skatepark for all users. We encourage our client to take full advantage of this service.

Planning Permission

Wheelscape have successfully facilitated the planning process for many projects and have the in house expertise and understanding to deal with a wide range of site conditions. We specialise in catering for complex contracts and have experience with building on sites that have a variety of sensitive considerations and can confidently steer this process to a successful conclusion. We have attached an example of a recent application we made on behalf of a client. References are available.

Drainage

The skatepark is designed with a 1:80 fall in the same direction as the falling contours of the site, this will ensure that the existence of water ponds is eliminated. The attached proposed masterplan shows the proposed solution for channelling water. The system consists of a multiple drainage channels at the lowest points of the street course draining into the soakaway via the silt trap.

The soakaway construction will be 1.2 diameter perforated concrete rings 2.5m deep with reject stone to surround.

Technical Experience and References

We have a proven track record of providing a quality design and build service; this is evident in the attached Experience and Capability document (S1) accompanied by a supplementary Reference document (J3). References for previous clients are listed alongside information of key projects from previous years. Please feel free to make contact.

Wheelscape are a truly in-house design and build team which completely eliminates the risk of inter-company conflicts. There is a close working relationship between all of our staff which provides continuity, particularly with contracts, design and quality control. We will take responsibility for every aspect of the job, from community consultation and design right through to construction and official opening of the skatepark without subcontracting any of the work to a third party.

Safety of Design and Construction

We think carefully about where people will congregate and allow for social space. Allowing for social space avoids the creation of 'collision zones' and leaves space for the dynamic use of the skatepark. Wheelscape have developed a set of standards that address the position of elements, spacing, and safety which incorporate and surpass British Standards BSI EN 14974 2006 A1 2010.

Our dedicated Health and Safety Manager, Matthew Hewitt, is Nebosh accredited and has developed comprehensive policies and procedures to ensure the safe delivery of all our projects. The Wheelscape Health & Safety Policy (available on request and supplied pre-construction) is based on decades of building experience and comprehensive, up-to-date training. We are also accredited by CHAS and Construction line (certificate included) and hold ISO 9001, 14001 and OSHAS 18001 accreditation.

Quality Control

Our skatepark build teams are the longest serving in the UK and are comprised of experienced concrete finishers, ground workers and skaters to provide on-the-ground quality control. Regular site visits during construction will be made by senior managers Duncan Holley and Jeremy Donaldson, Project Manager and Architect respectively, both of whom have been skating for over twenty years. During these visits there will be formal inspections of work completed. A record of this inspection will be left in the site file for referral during subsequent inspections and for the client's contract administrator to examine during the construction phase. A photographic record of this inspection is taken and emailed to head office on the day of the inspection so that our SHEQ Coordinator can monitor these inspections and the managers performing them. This ensures the highest level of quality control and continuity to the original design.

Everyone in the organisation understands that our success lies in the continual progression and innovation of our designs and the construction of our skateparks. The build teams have extensive knowledge, expertise and understanding of the specialist field of concrete skatepark construction. Every member of our team is an integral part of our rise to the forefront of contemporary skatepark construction in the UK.

Value for Money

Sprayed concrete construction is the method used on the most renowned skateparks worldwide. It allows our designers the freedom to create progressive and continually engaging designs which users gain ownership of through in-depth consultation. The structural integrity of sprayed concrete skateparks has proven to last indefinitely and is virtually maintenance free. Skateparks are a social space that provides long term health and social benefits, leading to reductions in anti-social behaviour and benefits for the local economy by way of consequential passing trade.

Sustainability

We consider sustainable construction to be economical construction. An enduring skatepark that does not need to be rebuilt every few years conserves community resources and effort. This requires the use of reinforced concrete. The sprayed concrete method we use is more energy and material efficient than any pre-cast method. With pre-cast, every piece has to be cast in a mould, then transported to the site and set on a separate in-ground concrete foundation. Sprayed concrete skateparks are self-supporting monolithic structures which reduce concrete volumes. Transport emissions are reduced and land-filling of unused concrete is avoided by calculating precise concrete quantities from digital models and coordinating these with scheduled concrete pour schedules.

Using the sprayed concrete method allows us to use locally sourced materials, reducing the environmental impact further whilst contributing to the local economy. We use efficient engineering and precise form work to ensure an optimum build with minimal waste.

Official Opening Event

We offer a complimentary service providing an official opening event with demonstrations competitions and prizes. Details of which are within the Added Value document (U1).

Maintenance

The potential maintenance costs of a sprayed concrete skatepark are minimal. No replacement parts, fixtures or tools are necessary, except for potential clearing of drainage. Considerations should be made for litter and graffiti. Our thirty year guarantee is included in our Warranty and Maintenance Document (T1).

Payment Terms

Our standard payment terms are: Fortnightly valuations, with cleared payments within seven days.

Wheelscape does not ask for advance payments.

We look forward to your response; if there are any elements of our proposal that you would like to review, please do not hesitate to contact us.

Kind Regards,

A handwritten signature in black ink, appearing to read 'Matthew', with a stylized flourish at the end.

Matthew Hewitt, General Manager
On behalf of Wheelscape Ltd.