

Whiteley Skatepark

Ref: S1/5219





Gravity Engineering Ltd is the UK's leading manufacturer of concrete & steel skate parks. Producing parks throughout the country we now have over 150 successful installations completed on time and on budget.

Our design & build process includes thorough consultation sessions with the user group and council representatives to prepare a bespoke design based on your specific requirements. We guarantee we will produce a park of uncompromised build quality that caters for all types of skaters and all skill levels.

We have a proven track record in delivering high quality design & build Skateparks and we look forward to the opportunity of working with you on this project.

Gravity Engineering Ltd
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Hampshire
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Itemised equipment detail

- 01 350mm high pillar benches
- 02 1800mm high quarter pipe with 1200mm quarter & 28° flat bank
- 03 1200mm high jump box with steep brick grind bank & pump bump features
- 04 1800mm quarter pipe backing onto 1050mm high quarter
- 05 750mm high apex driveway + 750mm high driveway with platform ledge
- 06 12° 400mm high raised section featuring rail, hollow Hubba ledge and corner spine
- 07 600mm Apex driveway with rounded end and hollow ledge
- 08 1200mm high rounded front quarter pipe
- 09 3m long 350mm high round flat bar

Grand Total **£134,000 + VAT**

Optional additions

Pathways 25mm consolidated thickness of 6mm stone mastic asphalt
50mm consolidated thickness of 20mm stone mastic asphalt
150mm (consolidated thickness) 20-5mm type -1 road stone sub base.
Geotextile membrane.

£60 per sq mtr

Litter bins Gravity indestructible litter bin

£550 (installed)

Signage Skatepark notice including 3D graphics and latest skatepark safety information.

£800

Fencing 1m Height Galvanized bow top with 16mm dia bars and 50x50mm vertical supports.

£70 per mtr

Seating Various grind benches

Starting at £800

Lighting Sports Lighting - FL500 Floodlights complete with 250w MBI lamp and gear. 6mtr Rooted Mid-Hinged columns (ref 5103708) to mount one Floodlight each. Single arm Floodlight brackets. Price based on 04 off, installed ready for connection. (subject to electric supply location)

£9,980

Shelter 3700mm Length x 3700mm Width, seats 10 (approx)

£7,500

Terms & conditions of sale

The following terms and conditions apply to parties purchasing equipment and services from Gravity Engineering Ltd

- 01** Orders can only be accepted in writing, with full specifications and, with payment terms agreed.
- 02** All prices quoted in any price list are subject to alteration until an order is placed and accepted. At that time the price becomes part of the contract.
- 03** All written quotations are valid for 60 days from the date of issue. After that period all prices should be confirmed with Gravity Engineering Ltd
- 04** Payment schedules must be agreed and adhered to in order to ensure the delivery and installation of equipment can proceed as contracted. The payment terms form part of the contract and cannot be varied unless confirmed in writing by Gravity Engineering Ltd. Gravity Engineering Ltd may request proof of credit worthiness or a deposit or both at its sole discretion. For major contracts scheduled payments on account may be requested.
- 05** The goods do not become the property of the purchaser until all fees have been paid in full. Gravity Engineering reserves the right to remove any equipment if payment is not received on time. Entry to any premises to remove such equipment will not be refused.
- 06** All agreements are void if the purchaser should be made bankrupt, makes an agreement with creditors or in any way jeopardises their creditworthiness by such action.
- 07** The order acknowledgement will specify the agreed terms of supply. This will include the conditions of the site to be provided (unless Gravity Engineering Ltd carries out Groundwork's) as well as the site access for vehicles.
- 08** Completion dates quoted will be adhered to by Gravity Engineering Ltd using their best endeavors. However it should be understood that delivery dates can be effected by various other factors so, Gravity Engineering Ltd will not guarantee exact delivery dates.
- 09** Gravity Engineering reserves the right to charge interest on any outstanding debt from the due day at the legal maximum.
- 10** The guarantees and maintenance agreements are only valid when payment has been received in full.
- 11** Any minor discrepancy claimed by the purchaser is not a reason to withhold more than 10 % of the total payment. Assuming the discrepancy is resolvable, payment must be made within seven days of rectification. Rectification will not be carried out until payment of the 90 % has been received.

Warranty

Gravity warrants its products to be free from defects in materials and workmanship during normal use. Normal use is defined as, use by BMX Riders, Skateboarders, Snakeboarders, In-Line Skaters, Quad Skaters and Scooter riders.

Gravity offers a limited 10 year warranty on all Galvanised steel materials and workmanship.
Gravity offers a limited 10 year warranty on all Gravitex steel materials and workmanship.
Gravity offers a limited 20 year warranty on all Concrete materials and workmanship.

The limited warranty stated above is valid providing, the equipment is installed by, or under the supervision of, Gravity staff, using approved parts. The equipment has been subject to normal use, for the purpose which the equipment was designed. The equipment has not been subject to vandalism, misuse, neglect or accident. The equipment has not been modified, altered, or repaired by persons other than Gravity Engineering Ltd or, its approved sub-contractors in any respect which, in the judgment of Gravity Engineering Ltd affects the condition or operation of the equipment.

This Warranty does not cover: cosmetic items such as scratches, dents, cracks, warping, marring, fading or discolouring, weathering, graffiti removal damage, paint decoration or normal wear and tear, along with damage due to environmental circumstances such as wind blown salt water.

The above warranties commence on the date of Gravity Engineering Ltd's invoice. Should any failure to conform to any of the expressed warranties occur within the applicable warranty period, Gravity Engineering Ltd shall upon notification in writing of the defect, correct any such nonconformity, either by repairing any defective part or parts or by making available a replacement part within 60 days of the written notification, this shall be the purchasers exclusive remedy. Gravity Engineering Ltd shall deliver the repaired or replacement part or parts to the site free of charge, but will not be responsible for providing labour or the cost of labour for the removal of the defective part or parts and the installation of any replacement part or parts. Any replacement parts shall be guaranteed for the balance of the original warranty period.

This warranty is exclusive and is in lieu of all other warranties, whether expressed or implied, including but not limited to any warranty of merchantability or fitness for a particular purpose. Further, no representation verbal or written, of any Gravity Engineering Ltd representative may be substituted for the aforescribed exclusive limited warranty. To the extent permitted by law, Gravity Engineering Ltd shall not be liable for any direct, indirect, special, incidental, or consequential damages, which are expressly excluded from this sale.

To make claim under the terms of the warranty, the buyers written statement of claim, along with a copy of the original invoice, maintenance records and supporting photographs must be sent to Gravity Engineering Ltd, Unit D, Fernacre Business Park, Budds Lane, Romsey, Hampshire, SO51 0HA

Gravity Engineering Ltd will continue to improve the equipment it manufactures and therefore reserves the right to change its design specifications without notice.

Maintenance agreement (Optional)

Gravity Engineering endeavor to keep equipment in top condition, years after contract completion. This 5 year maintenance agreement outlines the actions and, services offered by Gravity Engineering in relation to any facility installed by us.

- 01** Maintenance inspections by Gravity Engineering will take place on a quarterly basis, free of charge for the first twelve months, after park completion. This service will keep the facility in good working order and will highlight any repairs that need to be carried out.
- 02** After the twelve-month period, a charge for this service will be made on the basis of 4 % of the capital cost per annum, payable quarterly for the next four years after which the agreement can be renewed.
- 03** The dates and times of these inspections are at the discretion of Gravity Engineering but will take place inside one week of the due date. Any additional work caused by misuse or vandalism (see warranty) will be charged extra accordingly.
- 04** The cost of maintenance in the first year will be covered by Gravity Engineering, subject to the warranty conditions setout separately.
- 05** The cost of maintenance after the first year will depend upon geographical location and siting (indoors/outdoors etc). Gravity Engineering reserve the right to charge traveling expenses should the facility be outside of the UK.
- 06** It is Gravity Engineering's intention to replace damaged parts within 60 days of notification or inspection. Gravity Engineering reserves the right to give such tasks to its approved sub-contractors or the operator's staff.
- 07** It may be necessary from time to time to carry out work on site that involves cutting, sawing and welding.
- 08** Any repairs due to vandalism or misuse of equipment are exempt from any form of free maintenance.
- 09** Equipment may only be moved by Gravity Engineering or by the owner's staff. Any such damage resulting in this procedure will not be covered under any form of maintenance or warranty.

Inspection and maintenance schedule

Routine Visual Inspection

- 01 Steel Structures not bending or warping.
- 02 Steel Surface finish. Paint wearing, heavy rusting, other corrosion or deterioration and all surfaces are free from sharp edges.
- 03 Structures are ground anchored and are not loose in ground.
- 04 Tarmac or Concrete Surfacing not damaged, with no contaminates or sharp objects.
- 05 Concrete Surfacing not misaligning over 5mm.
- 06 All bolts and parts secure so that there is no excessive movement between them.

Operational Inspection Checklist (Quarterly)

- 01 Structure not bending or warping.
- 02 Surface finish. Paint wearing, heavy rusting, other corrosion or deterioration and all surfaces are free from sharp edges.
- 03 Structures are ground anchored and are not loose in ground.
- 04 Tarmac or Concrete Surfacing not damaged, with no contaminates or sharpe objects.
- 05 All bolts and parts secure so that there is no excessive movement between them.
- 06 Welds are not excessively cracked or corroded.
- 07 Concrete not excessively cracked.
- 08 No trip hazards, obstructions or user built additions.
- 09 No signs of vandalism to equipment (including Railings) and surfacing.

Maintenance Procedure

- 01 Steel surface re-painting is required periodically as existing coatings wear. The re-paint frequency will depend entirely on the usage of an individual facility. To prolong the life of the equipment, any large areas of bare metal that have begun to corrode should be thoroughly abraded (with 60-100 grit flap discs) and re-painted with a suitable paint system (available from Gravity). This applies to all galvanized and painted surfaces.
- 02 Tarmac and Concrete should be checked for holes, dig marks and general vandalism.
Tarmac areas should be repaired using a 'cold lay' Tarmac where possible or otherwise by consulting an approved surfacing contractor (available from Gravity). Severe damage to Concrete will require expert advice from Gravity.

Maintenance Team & Support

- 01 Gravity will (in conjunction with its Warranty) make available to all clients a fully mobile Steel Fabrication and Painting unit, along with a Groundwork's team and help desk advice. Where necessary we will work with ROSPA to ensure your facility is safe and well maintained throughout its life.

Sprayed concrete specification

Designated spray concrete for transitions (curved walls)

Contractor shall be a member of the 'Sprayed Concrete Association' and further to this the sprayed concrete shall comply with European Specification for Sprayed Concrete published by the European Federation of Producers and Applicators of Specialist Products for Structures.

The product and application shall be classed as a 'wet' spray process.

Preparation: profile of desired transition shall be created from compacted and trimmed Type 1 hardcore or massed concrete (for spine transition). Re-reinforcement mesh shall be formed to desired profile and held into position by tying and welding to 12mm rods hammered into either hardcore or mass concrete.

Cement: Ordinary Portland Cement to comply with BS 12.

Aggregate: Not to exceed 16mm in any one direction and comply with BS882.

Sand: Sharp, washed sand to BS882.

Spray Application: must be by a machine approved for the application of the selected 'wet' spray mix.

Operations shall be carried out by an experienced nozzle man. The nozzle man along with the Contractors other operatives in the operations must be experienced and competent with current best practice guidelines and safety procedures for correct use of cementitious materials.

Application shall commence at the bottom of vertical or near vertical surfaces and each layer of sprayed concrete should be built up by making several passes of the nozzle over the work area.

Application over re-reinforcement: the nozzle shall be held between 600 and 1500 away and perpendicular to the face being sprayed. However, it can be held closer and at various angles to ensure complete encasement of the re-reinforcement steel. Steps shall be undertaken to reduce the amount of rebound as not to affect the overall spraying operation.

Where sharp edges are required, these should have set out with screed boards.

Construction joints: between spraying operations, construction joints should be tapered at approximately 10metres and cut back square to outer re-reinforcement or unless otherwise instructed. The entire joint should be thoroughly cleaned and dampened before spraying resumes on adjacent panel.

Curing: in general it should be in accordance with recommendations set out in BS8110.

However, where the ambient temperature exceeds 25 degrees C or is in exposed location which cause rapid drying of the concrete then dampened Hessian shall be laid over the sprayed and floated concrete before commencing with further spraying action. No surface shall be left unprotected under these environmental conditions.

Surface finish: Float off with performed floats (to desired radius).

This sprayed concrete shall be fit for the purpose in terms of both the use as a skateboard park surface and durability. Strength should be 40N/mm sq.

Quality control and testing shall be carried out in accordance with the 'normal' requirements of the European Specification for Sprayed Concrete.

Placing and compacting

Surfacing to receive concrete: Clean, with no debris, tying wire clippings, fastenings or free water.

Timing: Place as soon as practicable after mixing and while sufficiently plastic for full compaction.

Temperature limitations for concrete: 30 degrees C (maximum) and 5 degree C (minimum). Do not place against frozen or frost covered surfaces.

Compaction: Fully compact to full depth to remove entrapped air especially around reinforcement, cast-in accessories, into corners of formwork and at joints. Continue until air bubbles cease to appear on the top surface.

Methods of compaction: To suit consistence class and use of concrete.



Vans opening event information

Gravity is unique in its ability to offer up to four official Van's Team Riders for opening events and demonstrations.

The Vans Team includes high profile names such as:

Marc Churchill
Ben Grove
Kris Ville
Chris Oliver
Frank Stevens
Ross McGouran
Steven Roe
Ben Norberg
Arron Sweeney
Danny Wainwright
James Gardner
Oliver Tyreman

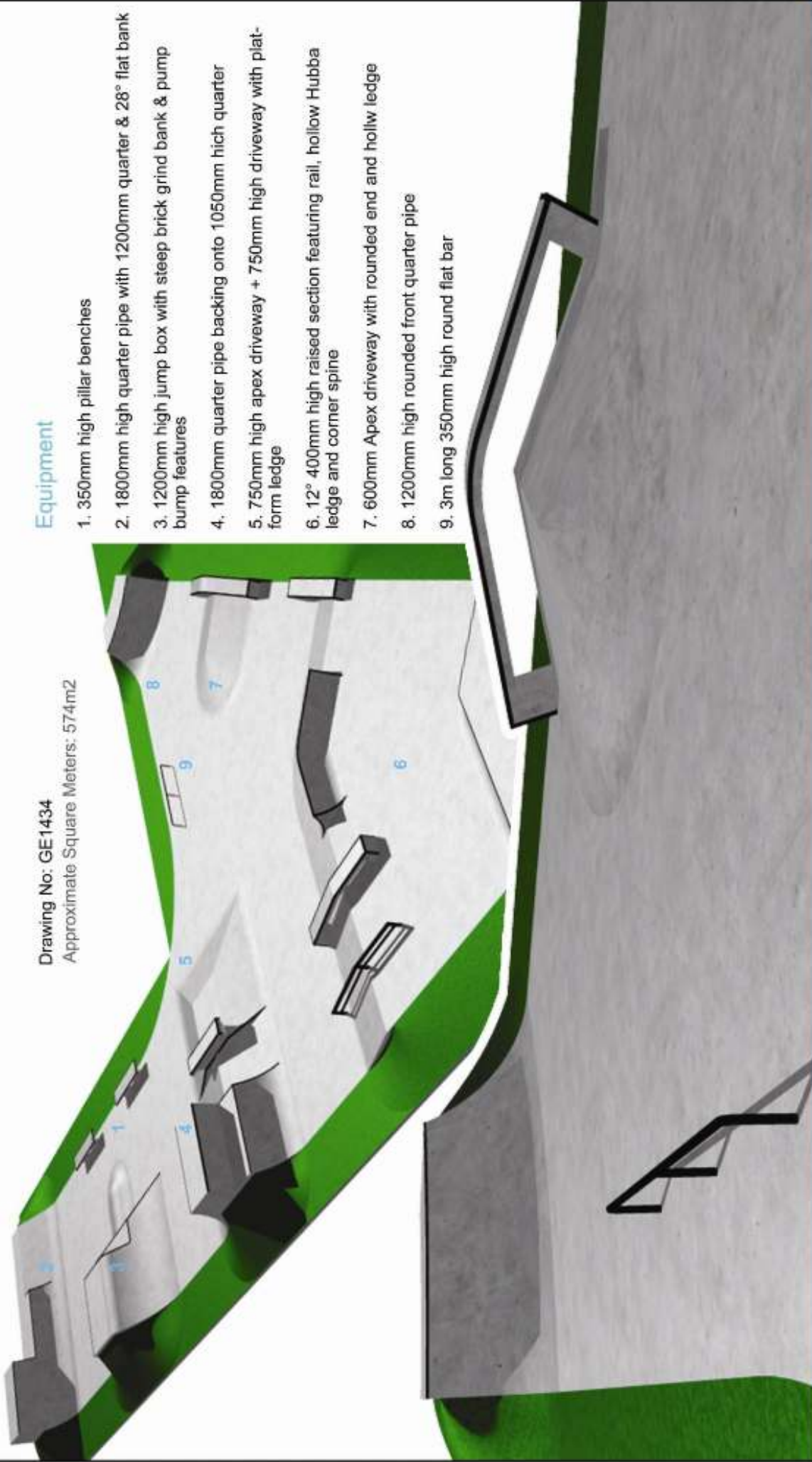


For more information please go to www.vans.co.uk/teams/skate

We can also supply a PA system complete with MC
(POA and subject to availability)

Drawing No: GE1434

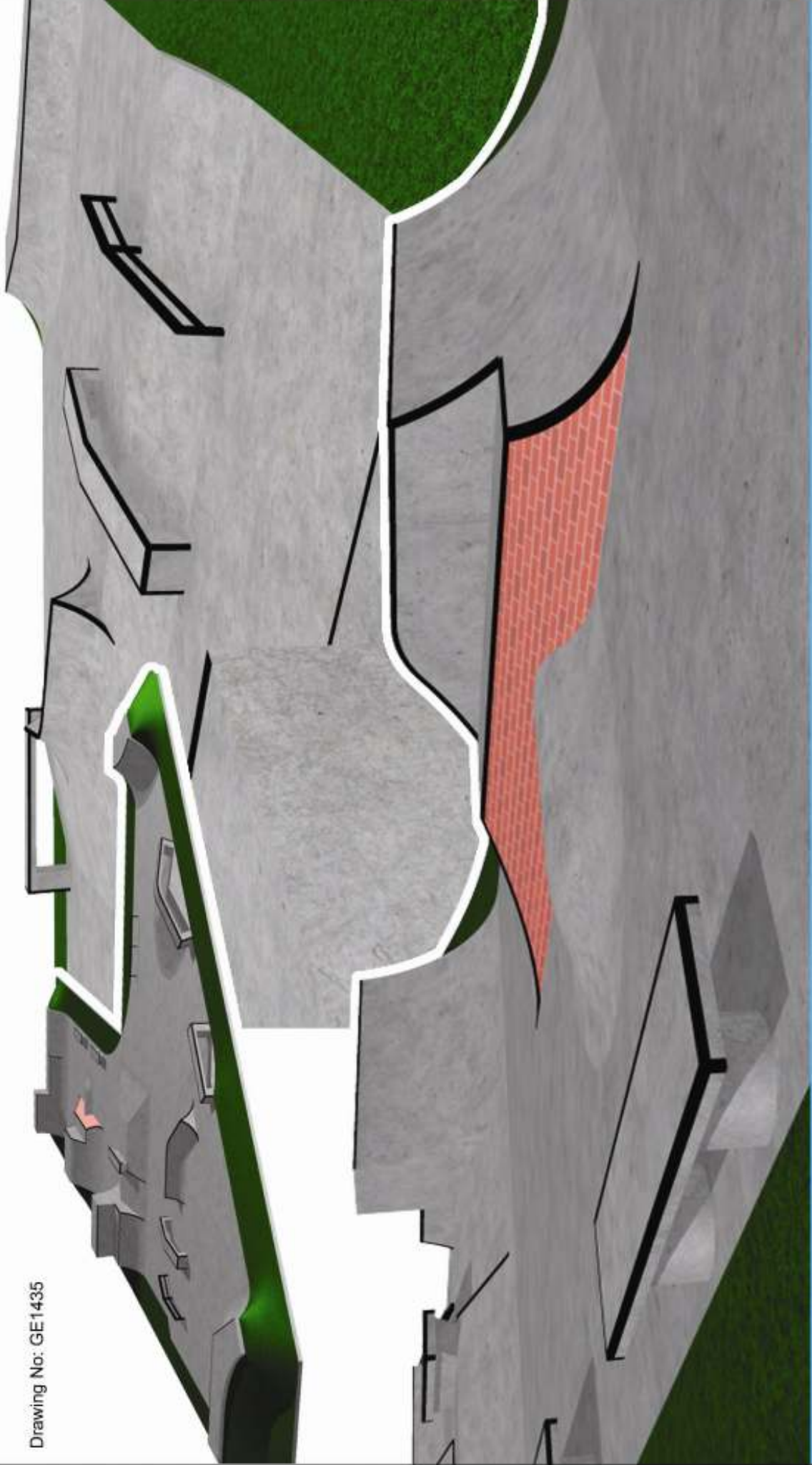
Approximate Square Meters: 574m²



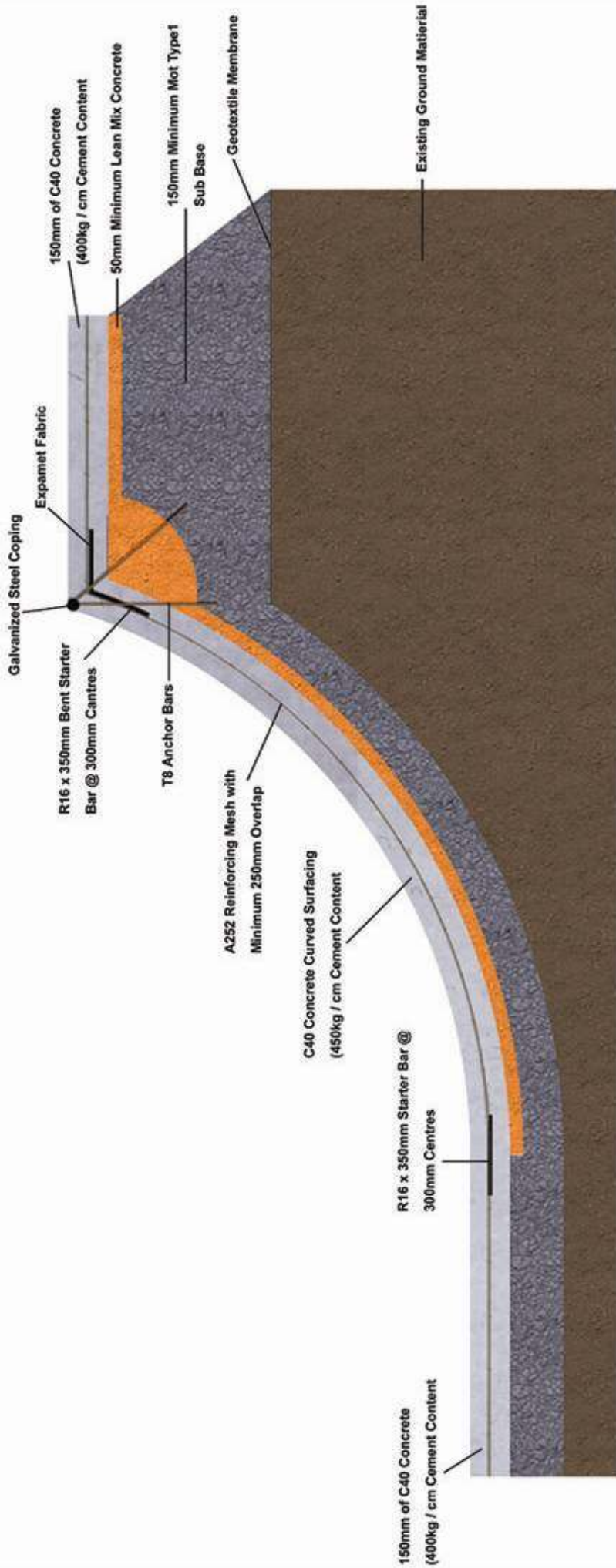
Equipment

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9. 3m long 350mm high round flat bar

Drawing No: GE1435



Typical Specification
Drawing No: GE1025





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