

SPECIFICATION FOR SELF-BINDING GRAVEL PATH AT LEYLAND GARDENS

1.0 Current condition and considerations

- 1.1 The path in Leyland gardens is composed of 300mm concrete paving slabs divided into large areas by paviors at regular intervals culminating in a square design around a raised bed and seating area at the Southern end.
- 1.2 The growth of tree roots is disrupting the paving slabs and there are now several small trip hazards that will become increasingly more significant over time.
- 1.3 There is one area of subsidence where water puddles.
- 1.4 Recent removal of shrubs along the boundary with Gregson Avenue has opened the area up and suggests a more ornamental material should be used for the path.
- 1.5 Given the above it has been decided to lift the paving slabs and replace the surface with small particle size self-binding gravel, that will accommodate increasing root growth from the trees and provide a smooth consistent surface.



Leyland gardens path



2.0 Services

- 2.1 Gosport Borough Council have obtained maps from service companies for this location.

| Company | Location maps received | Crossing works area |
|-----------------------|------------------------|-------------------------------|
| SSE | Yes | No |
| Southern Water | Yes | Yes – Grey Water Southern End |
| Portsmouth Water | | |
| Southern Gas Networks | Yes | No |
| Open Reach | Yes | No |
| | | |

3.0 Materials

- 3.1 All materials are to be supplied by the Contractor.
- 3.2 All materials where deposited on site will be placed on boards to minimise contamination of the surrounding area.

4.0 Site preparation

- 4.1 The Contractor is to scan the length of the path for underground services, attached are plans of known services provided by service suppliers.
- 4.2 All weeds and vegetation growing within the current path must be cleared and all roots removed.
- 4.3 Lift existing paving slabs and blocks and remove from site on same day – note this is to avoid the use of disposable materials for anti-social purposes.

5.0 Sub-base

- 5.1 Evenly spread, compact and consolidate MOT type 1 Road stone to fill any voids and surface inconsistencies that remain following the removal of the paving

6.0 Surfacing

- 6.1 Supply, lay and compact maximum 6mm particle size self-binding gravel, for example Golden Cotswold from AHS Ltd. to a depth of 50mm to create a firm and even surface with levels to 1 in 100 towards the Southern entrance gate to allow water run-off and prevent surface puddling.



7.0 Reinstatement of damaged amenity turf

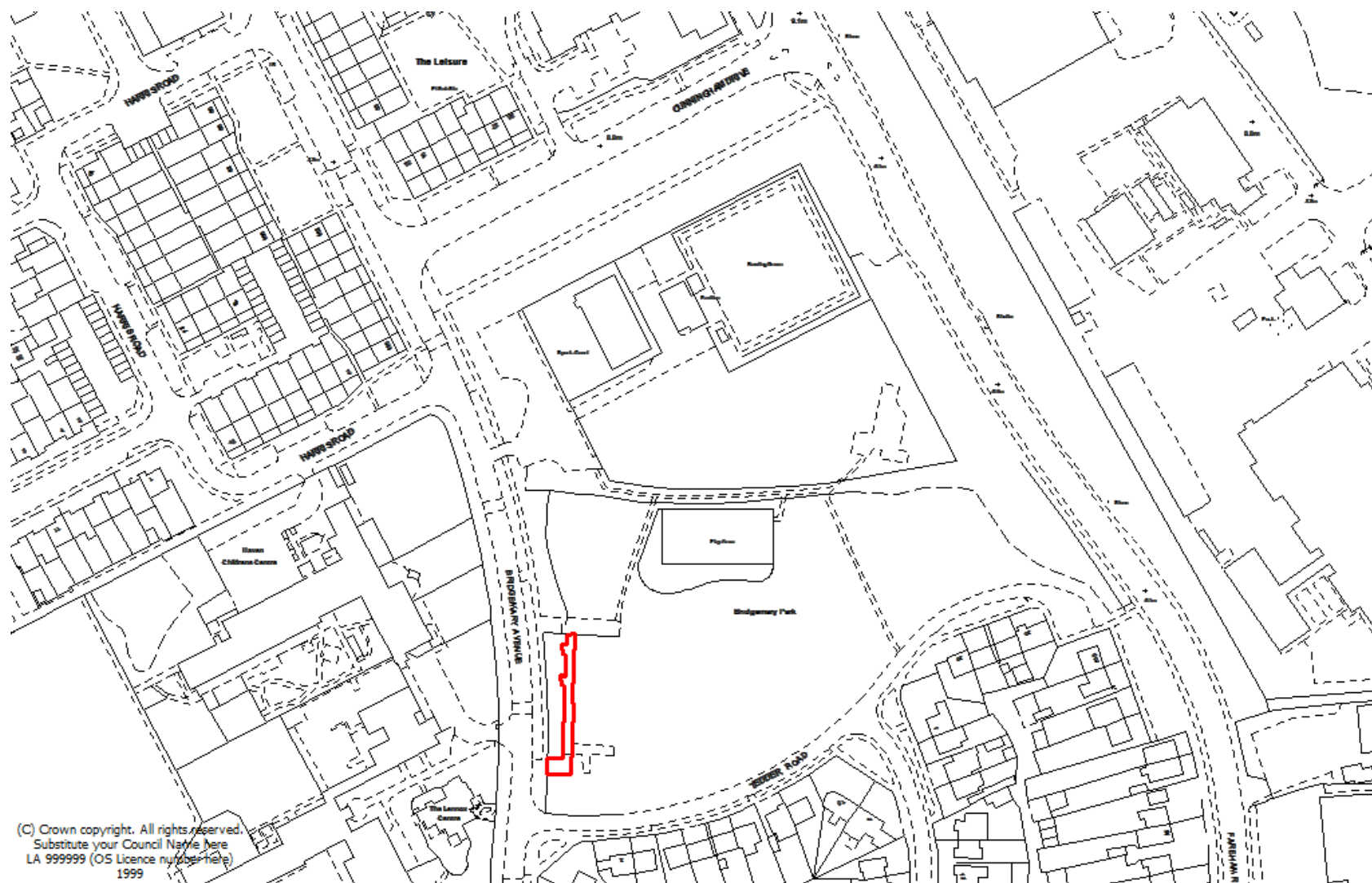
- 7.1 The full depth of top soil, but not exceeding 200mm, shall be thoroughly cultivated to a suitable tilth by plough, cultivator, disc harrow, rotary cultivator, drag harrow, chain harrow, or other means laid out in the contractors method statement for these works.
- 7.2 All areas suitable for cultivation by mechanical means shall be prepared by hand and the full depth of top soil shall be broken up then raked down to a tilth.
- 7.3 All stones exceeding 30mm in any one dimension, weeds, roots and other deleterious material shall be collected and removed to the Contractor's tip.
- 7.4 Seed bed preparation - The surface shall be presented in an evenly firm and uniform condition to the prescribed levels and gradients with any settling or irregularities corrected or other means laid out in the contractors method statement for these works.
- 7.5 All areas prepared by hand tools shall be lightly trod followed by light raking to form a uniform and even surface.
- 7.6 All stones with any one dimension of 30mm or more shall be removed to the Contractor's tip.
- 7.7 Materials - An approved pre-seeding fertiliser shall be applied at the manufacturers recommended rate using an approved distributor or by hand. The fertiliser shall be lightly harrowed or raked into the surface.
- 7.8 All seed and turf material shall be supplied by the Contractor.
- 7.9 The Contractor shall ensure that the correct amount of seed is supplied to be sown at the seed suppliers recommended rates.
- 7.10 Seed sowing - Immediately prior to seeding, the seed bed shall be brought to a fine tilth approximately 25mm deep by raking, or harrowing with a spike of chain harrow.
- 7.11 Seed shall be evenly broadcast at the specified rate by means of a mechanical distributor or by hand.
- 7.12 After sowing, the Contractor shall carry out a light raking or harrowing of the area.
- 7.13 Germination and Establishment



- 7.14 The Contractor shall allow for re-seeding any areas of poor germination or growth at his own expense in order to achieve 100% ground cover of the correct grass species within two months of sowing.
- 7.15 When subsidence of the seeded areas arises in excess of the permitted deviation from the level then such subsidence shall be made good within two months of the project completion.
- 8.0 Cultivation and seed sowing meadow
- 8.1 Ground preparations
- 8.2 Apply glyphosate based fertilizer to area to be cultivated 6 weeks prior to the commencement of cultivation.
- 8.3 Where instructed by the Authorised Officer, existing shrubs shall be removed including all broken roots.
- 8.4 The area shall be cultivated to a minimum depth of 250mm but care shall be taken to ensure that trees, shrubs and other plants being retained are not damaged.
- 8.5 Following cultivation, the area shall be evenly consolidated and levelled.
- 8.6 All materials are to be supplied by the contractor, the contractor shall also be responsible for calculating required quantities and ensuring that materials conform to all relevant current British Standards and updates.
- 8.7 In the area outlined in the Proposed refurbishment sketch apply the recycled green waste compost to a depth of 50mm.
- 8.8 Sow ornamental/wildflower seed mix at a rate of 5 g/m² to the compost area and lightly rake the seed into the compost matrix.
- 9.0 Business Questionnaire
- 9.1 A short business questionnaire is attached for information regarding the level of insurance cover required for this project and basic business details that should be returned along with the quotation documents.



Location of path to be gravelled.



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