

Design Statement

The design of the external environment is aimed at creating an exciting link between the continued biodiversity of the existing landscape and the ever present effects of climate change. Our plant species have been chosen as a direct response to the effects of global warming, with the emphasis on a self-perpetuating habitat for our native flora and fauna. We have aimed at achieving a scheme to complement the educational and functional values of this project.

The areas designed for grassland are to be planted with a native wildflower mix, giving the site a natural and informal appearance from the road. With the introduction of native wildflowers, the grassland will provide a rich food supply for native flora and fauna.

On the South facing planted areas inside the site, we have responded to the research carried out by the Royal Horticultural Society for planting recommendations due to the effects of Global Warming. Their findings essentially conclude that we will be experiencing a climate similar to Bordeaux in France. Therefore the plant species chosen have a Mediterranean influence. Gravel has been suggested as a mulch, as the predictions are not only for warmer temperatures in but also wetter winters, and therefore the gravel will help prevent waterlogging.

In conclusion, a sympathetic landscape setting is vital in relation to this project due to the crucial nature of its responsibility towards environmental and ecological changes due to the effects of global warming.

Plant Lists

Mediterranean Garden	Pot size	height
PA Phyllostachys aurea	5ltr	50-60
CA Cordyline australis	10ltr	60-90
PP Phormium purpureum	3ltr	40-50
ST Stipa tenuissima	2ltr	30-40
LH Lavandula hidcote	2ltr	30-40
OE Olea europaea	10ltr	60-90
AD Acacia dealbata	10ltr	60-90
AP Acer palmatum Atropurpureum	10ltr	60-90
SA Stipa arundinacea	2ltr	30-40
PV Phormium variegatum	3ltr	40-60

Trees

1. Acer Krimson King	SS
2. Betula utilis jacquemontii	S
3. Anus incana Aurea	S
4. Betula utilis jacquemontii	S
5. Gleditsia triacanthos Sunburst	S
6. Acer Krimson King	SS

1 fruit tree (F) every 5 meters to south side of existing hedgerow:

Early apple	S
Late apple	S
Plum	S
Pear	S

Specification for Soft Landscaping Work

Materials

- All plants shall be obtained from a reputable nursery.
- All plants shall be free from disease.
- All plants shall be fully hardy and have strong growth.
- In all cases where a plant's height is described in the schedules this shall be measured from the root collar or from the surface of the compost in the container to the top of the main canopy.
- Sizes of all plants shall be as specified on the schedules.
- Trees should have a strong, straight stem and a single leader (unless specified). Shrubs should have 3 or 4 straight stems and a good bushy form.
- Container grown plants should be strong, sturdy plants with 3 or 4 main stems and a good bushy form.

Planting

The planting work should be carried out between November and March

Trees

Prepare ground, supply and plant rootballed or container grown trees. Dig pit 800 x 800 x 600mm deep. Rabbit guards, stakes and ties.

Wildflower Lawn

Remove all existing weed cover by repeated spray with glyphosate. Rotovate the soil and rake to produce a medium fine firm tilth. Sow the chosen mixture at a rate of 4g per square meter. Ensure the mixture is sown at an even rate. Sow on the surface and do not rake or harrow in. Sow the mixture in the autumn, winter or spring.

Maintenance Schedule

Wildflower Lawns

During the first year the lawn will require regular mowing as any newly cultivated lawn. During the subsequent years the lawn will require cutting following flowering in May and June. The material produced will need to be stored away from the existing lawn or carted off site. Further cuts may be required as per a normal lawn. Following the last cut, the meadow is left untouched until the main mid-summer cut is taken again.

Pyracantha Orange Glow

Keep the pyracantha cut back annually in late summer to approximately 3ft in height.

Specification for Hard Landscaping Work

Driveway

The first 10m (minimum) of driveway back from the road is to be Tarmac (as Detail A). Main driveway to be minimum 200mm compacted Type 1 hardcore with 50mm gravel dressing (as Detail A/B).

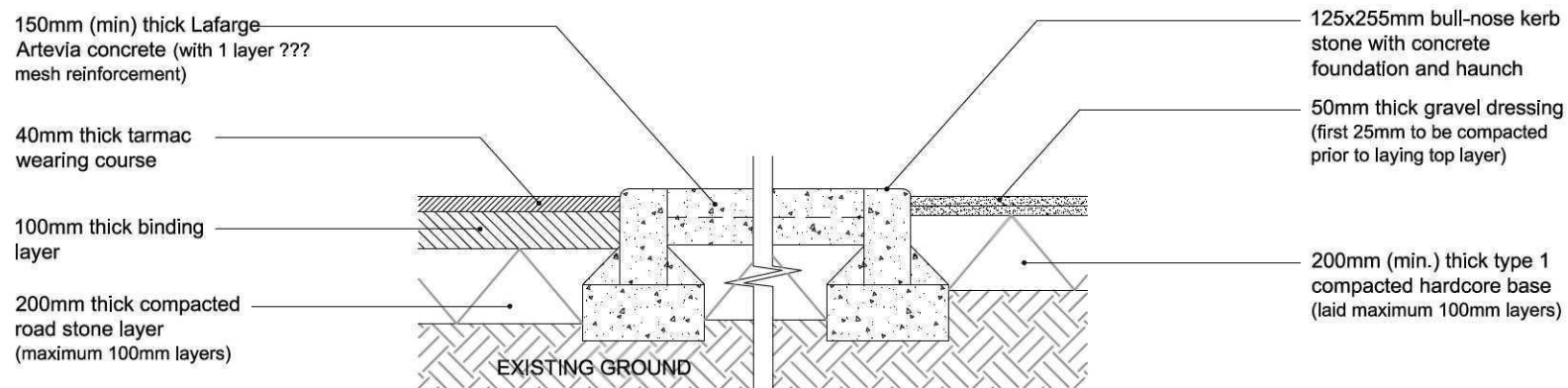
For the first 15m of the gravel driveway back from the tarmac, gravel is to be laid 25mm thick and compacted (to minimize gravel spread) with a second layer of 25mm gravel dressing.

All surrounding solid surfaces to gravel to be minimum of 20mm above finished gravel line (to minimize gravel spread).

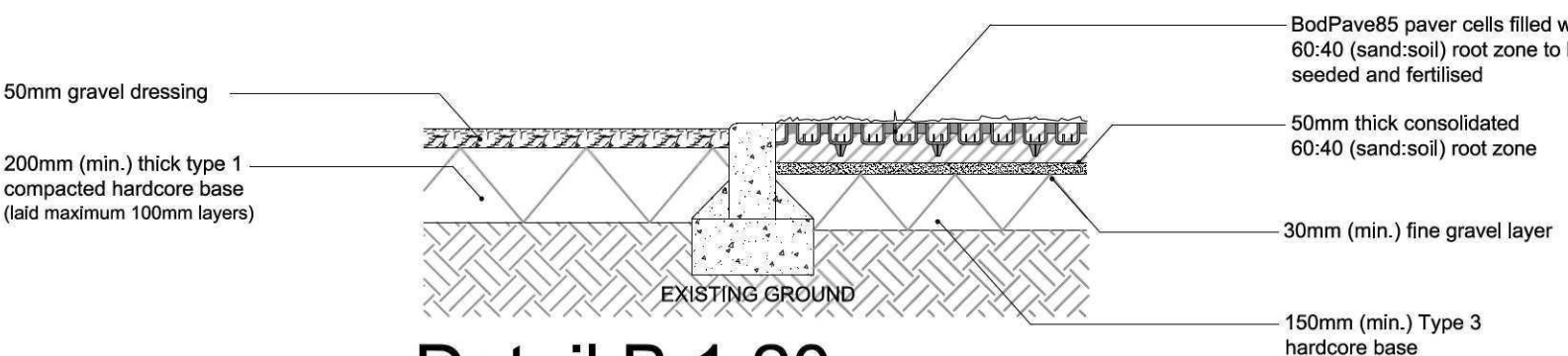
Parking (26no. 2.4x4.8m Spaces)

Main parking (20 spaces) surfacing to be BodPave85 paver cells (Detail B).

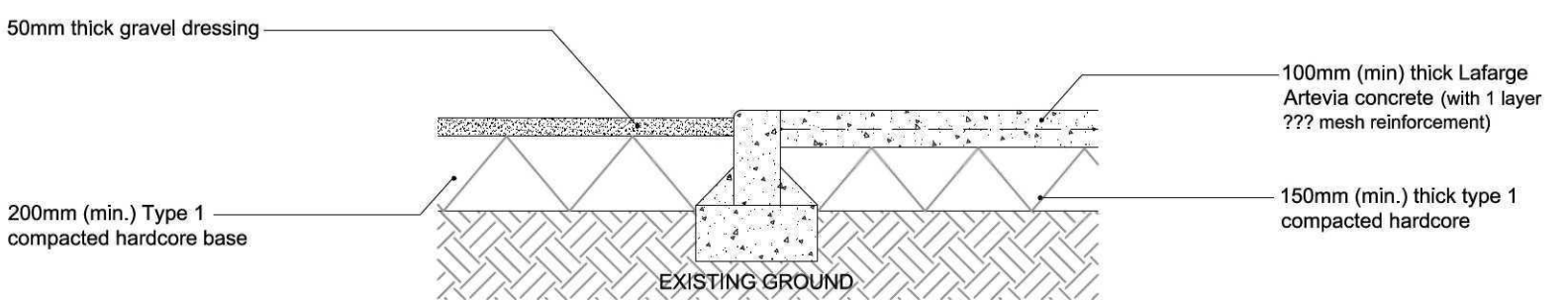
Disabled parking (6 spaces) surfacing and access ramps to be Lafarge Artevia concrete (colour to be confirmed).



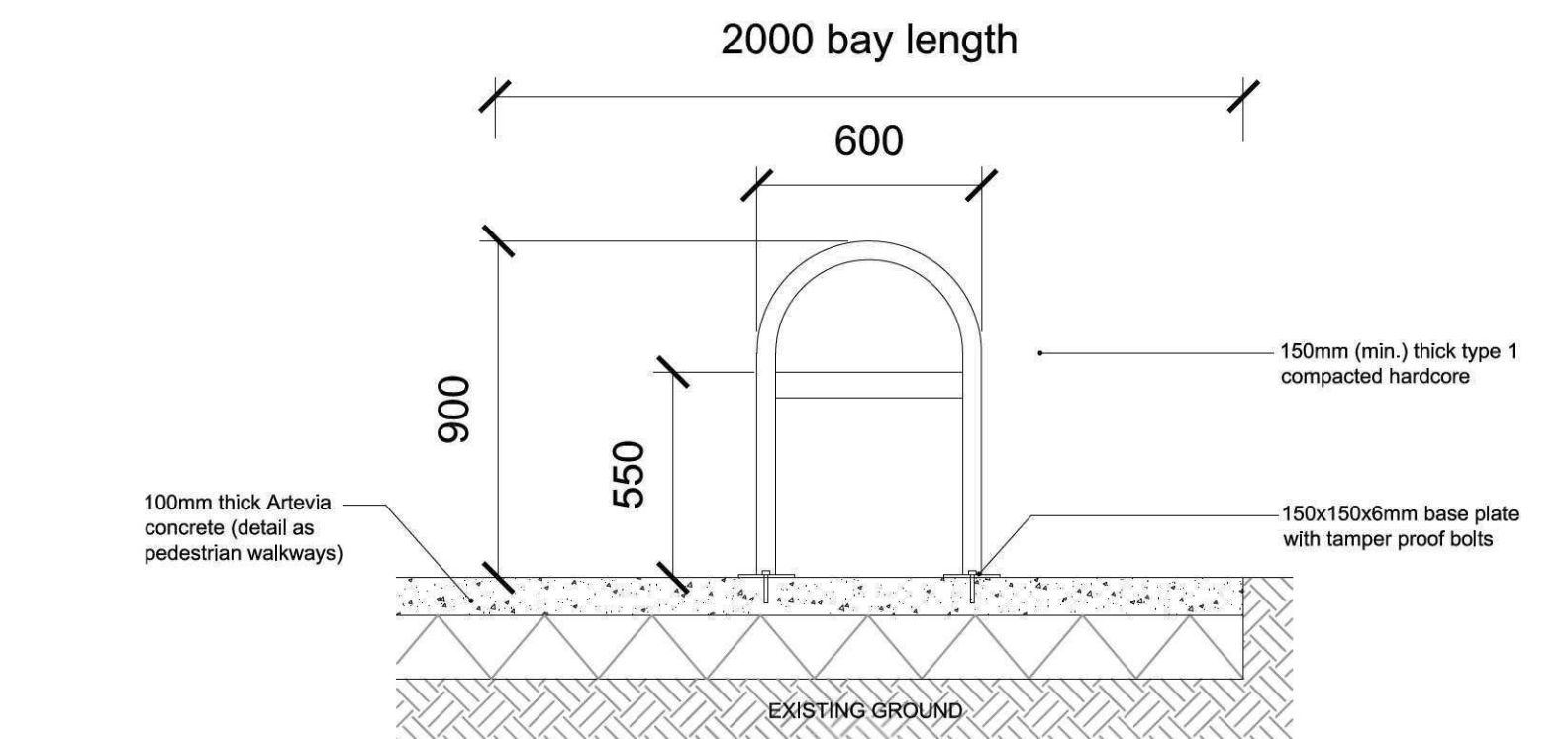
Detail A 1:20



Detail B 1:20



Detail C 1:20



Cycle Rack Detail 1:20

Bin Store

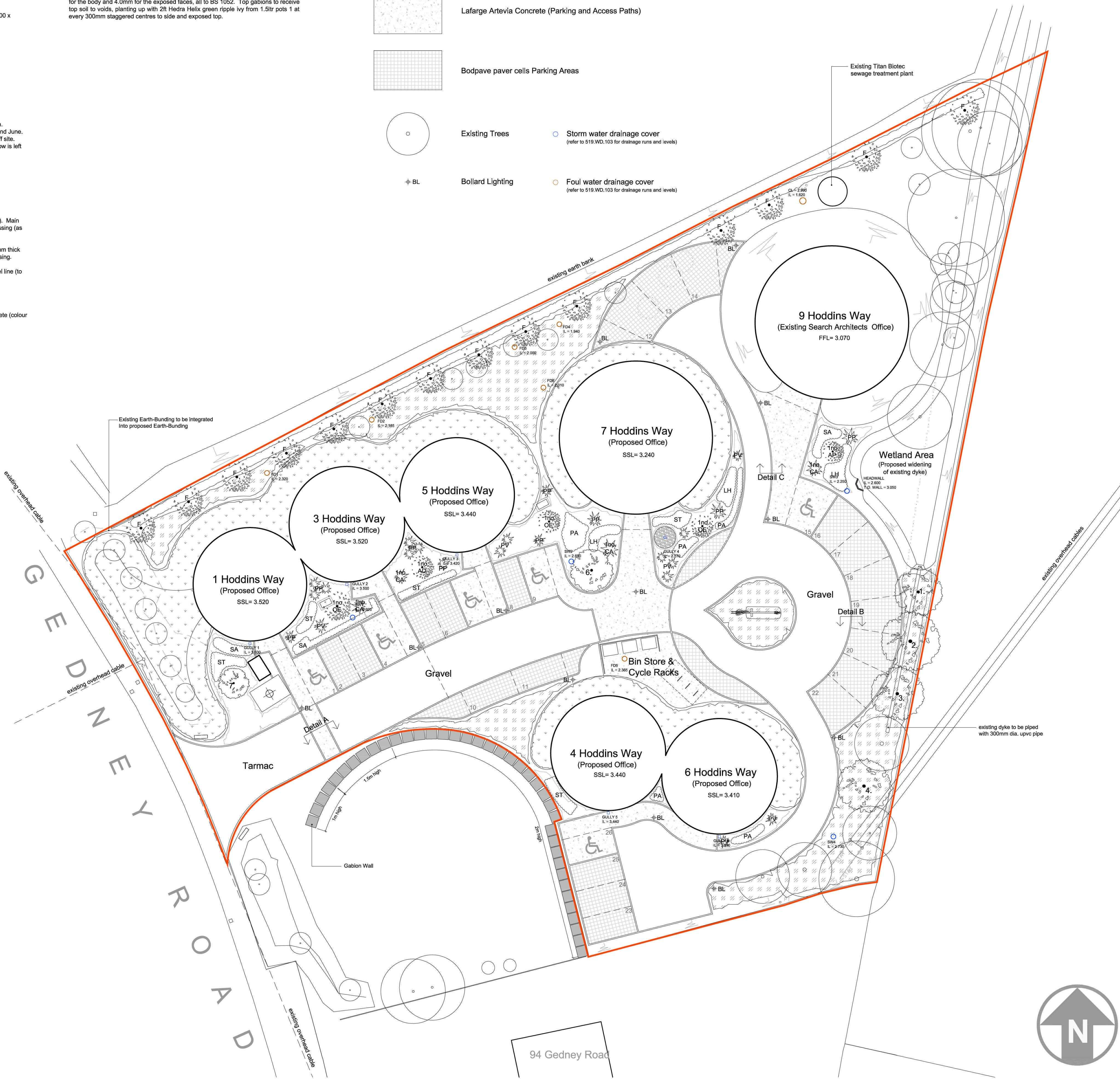
Supply and install 1800mm high pressure treated vertical hit and miss fencing to three sides of the Bin Store, fixed to 8 No 100x100mm pressure treated supporting posts arranged to suit 1800mm fence panels, fixed to Artevia concrete base with bolt down fence post shoes. Timber fencing to be left as natural finish.

Cycle Racks

Supply and fit 4 No galvanized steel, surface fixed Sheffield Racks at minimum 1000mm centres to form racking for cycles, to Artevia concrete base. As indicated on Drawing 519.WD.104

Gabion Wall

Supply and install 1000x1000x500mm high galvanized gabion baskets to take demolished walls and piers from existing slabs to form boundary between site and 96 Gedney Road. Height of gabion wall to vary between minimum 1000mm high to 2000mm high in 500mm increments. Gabions to be nominal wire diameter of 3.0mm for the body and 4.0mm for the exposed faces, all to BS 1052. Top gabions to receive top soil to voids, planting up with 2lt Hedra Helix green ripple ivy from 1.5ltr pots 1 at every 300mm staggered centres to side and exposed top.



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canebuzo

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LOCATION
Hoddins Way, Long Sutton,
Spalding, Lincolnshire,
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CLIENT
Lincolnshire
County Council

SCALE
1:200@ A1

REVISION

DRAWING
Landscaping Plan

DRAWING NO.
519.WD.104

DRAWN
JR

CHECKED
AG

DATE
21.11.2011

TENDER