

KSRARCHITECTS

THE WATER HOUSE

DISCHARGE PLANNING CONDITION 5

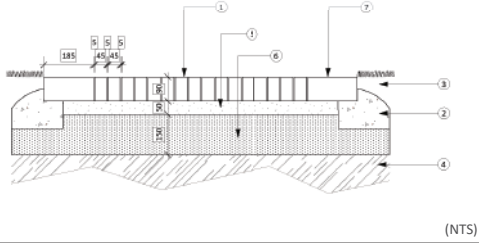
PLANNING REF NO : 201713692/P

DATE : 23.10.18

DRAWING NTS

KSR ARCHITECTS / KATE GOULD GARDENS

CLAY PAVER BUILD UP - SECTION (NTS)



(NTS)

CLAY PAVER BUILD UP

NOTES

- (1) 185x45x90mm Chelmer Valley clay pavers with 5mm kiln dried grout joints.
- (2) Concrete haunch to borders.
- (3) Lawn or plant beds.
- (4) Natural ground.
- (5) 50mm wet sand and cement bed
- (6) Minimum 150mm machine compacted MOT Type 1
- (7) 185x100x90mm Chelmer Valley clay pavers soldier course border, with 5mm kiln dried grout joints

*ROOT-TEX 300 GEOTEXTILE to be included

ROOT-TEX 300 GEOTEXTILE

Specification for no-dig footpath construction

Method Statement - Specifications for no dig footpath construction within the RPA of T18:

- i. The Construction will be undertaken when the ground is sufficiently dry to prevent compaction occurring. Any surface vegetation should be removed by hand or with suitable herbicide.
- ii. Fill any hollows in the exposed ground with sharp sand or 4/20mm or 40/20mm clean angular stone.
- iii. Place Root-tex 300 Geotextile over the area to be protected ensuring laps are a minimum of 300mm. The geotextile should not be trafficked across at any time.
- iv. The (for example) Protectaweb system is available in 5 depths for varying traffic loadings but each site should have a specific design detailed to ensure the correct depth of product is used. However, unless the existing ground conditions are very soft and have a low CBR then the following can apply:
 - 75mm deep Protectaweb for Pedestrians, Cycleways and vehicles up to 1.5 tons;
 - Roll out Root-Tex 30 Geotextile to cover the area to be protected. Insert 4 equally spaced steel pins along the width of the panel. Expand the panel over the Root-Tex 30 and the pins, extend to the required length, then pin across the opposite panel end. Pin along the length of the panel each side. If full panels are not being used then ensure the cells have been expanded to their full dimension. The ProtectaWeb panels can be cut to shape if required with a heavy duty Stanley Knife. Staple or cable tie any adjacent panels together.
- v. Infill the Protectaweb cells with clean angular stone (Type 4/20mm or Type 20/40mm), working towards the tree and using the infilled panels as a platform. Use a minimum 25mm overfill of clean angular stone when used in conjunction with a hard surface. If the area is to be trafficked immediately, slightly increase the amount of surcharge overfill to a maximum of 50mm over the ProtectaWeb with 4/20mm or 40/20mm clean angular stone. No compaction is required of the infill. Do not use a wheeler plate or other means of compaction.
- vi. Where edging is required for footpaths and light structures, a peg and treated timber board edging is acceptable, other options include wooden sleepers, kerb edging constructed on-top of the Protectaweb system, plastic and metal edging etc. Any excavation necessary to install the proposed aluminium edging will be carried out manually.
- vii. The Protectaweb system is to be surfaced with the materials listed below. Porous systems will be of greater benefit for the trees, however it is understood that this is not always possible.
 - Block / Flag Paving:
 - Place Root-tex 10 separation fabric over the filled Protectaweb.
 - Lay sand / gravel bedding material as per manufacturer's recommendations.
 - Place porous / standard blocks as per manufacturer's instructions.

3.8.4

For technical data on the Geotextile membrane and the Protectaweb cellular confinement system always refer to the manufacturers guidelines for design and implementation. Further technical advice can be gained from the manufacturer:

THE WATER HOUSE - MASTERPLAN

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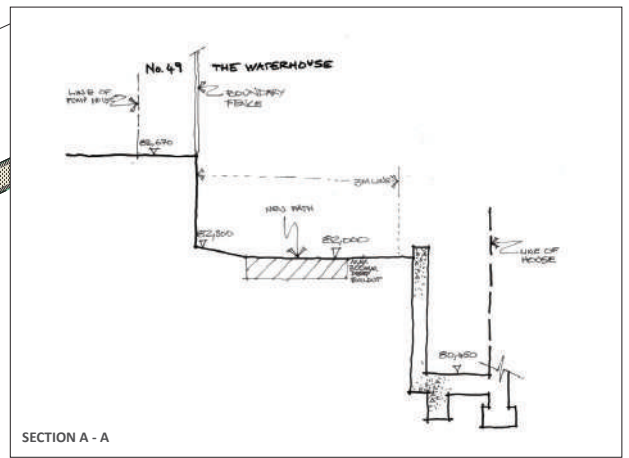
DRAWING NTS

KSR ARCHITECTS / KATE GOULD GARDENS

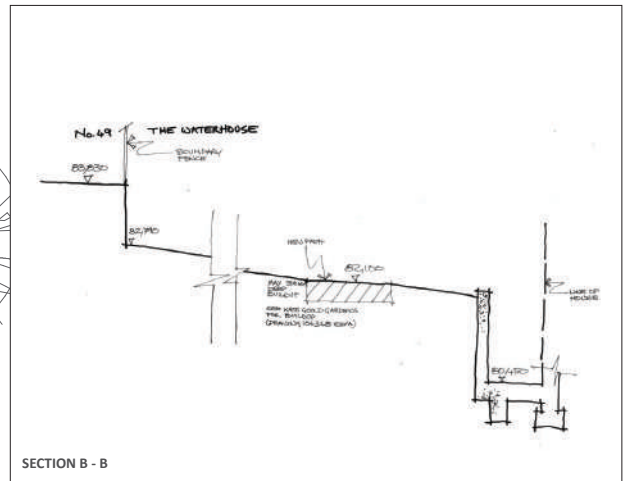


LEGEND

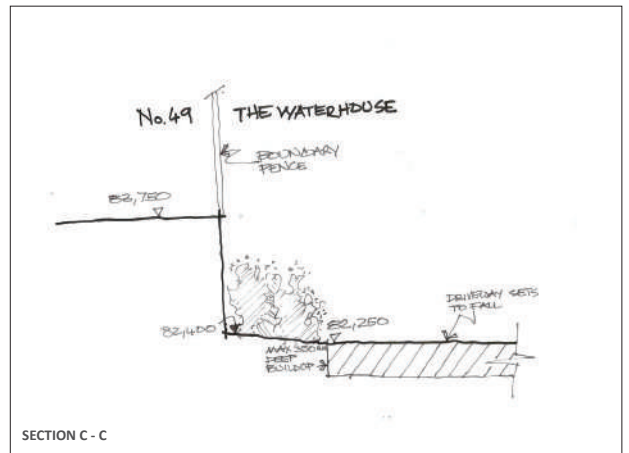
- (1) Plant beds.
- (2) Wild flower meadow planting around existing pond, enclosed by picket style fence with posts at 1m intervals. A variety of styles available.
- (3) Privacy screen with tall plants such as Bamboo.
- (4) 300mmx1500mm powder coated planter for herbs.
- (5) Hedges or climbers to span fences surrounding the property and encouraged to climb onto house wall / pergola.
- (6) Driveway with solid sett paving, 100x100mm with 200x100mm edge. Paving with 50mm wet sand and cement bed, over 150mm machine compacted MOT/Type 1. Bricks laid side by side and filled with sand. Paths to be ramped where necessary.
- (7) Real wood decking.
- (8) Driveway laid with 100x100mm sets, with grass between car pathway leading to parking area. Paved area to entrance.
- (9) A Postbox and gate with entrance to rear garden through arched pergola. Second set of security gates for car access. Inner gate at opposite end of garden.
- (10) Stepping stones placed to create a more natural show, around plant beds. Stones placed on 50mm wet sand and cement with minimum 150mm machine compact MOT/Type 1. Leading up to the Shepherd's hut, stepping stones to be set within plant bed.
- (11) Existing trees.
- (12) Clay paver pathway laid in running bond and with 200x100mm soldier course border. Clay bricks with 50mm wet sand and cement bed over minimum 150mm machine compact MOT/Type 1. Bricks laid side by side and filled with sand. Paths to be ramped where necessary.
- (13) 'Secret' garden, with planting for privacy. Planting to flow in decked area, breaking up the linear path around the house.
- (14) Greenscape lawn laid in 1m rolls over a prepared base to a depth of 100mm fine 10th soil with 50mm Rootzone to the top. PLEASE ENSURE THAT ALL TURF IS WATERED DAILY AFTER INSTALLATION AND NOT WALKED ON FOR 3-4 WEEKS, UP UNTIL ITS FIRST CUT.
- (15) New tree planted for quiet contemplation. Bench seating as well as lawn space. Tree examples: Japanese maple, Multi stem acer or Prunus varieties, for spring flowering and Autumn interest.
- (16) Pergola over RWH tank and leading to 'Secret' garden.
- (17) Timber planters and bug hotel for Lorna.
- (18) Planting in deck for pergola.



SECTION A - A



SECTION B - B



SECTION C - C