



LEGEND:

- HIGH VISIBILITY NETTING:** secured to road pins / pig tails to identify edges or root protection areas.
- CABLE TRENCH:** electrical cable trench 500mm wide, 675mm depth to receive 50mm armoured electrical cable and surface made good to match existing as detail 5.5 & 7.
- HAND DUG CABLE TRENCH:** electrical cable trench 300mm wide, 175 - 475mm depth within RPA to be hand dug to receive 50mm armoured electrical cable (& CAT 5 cable were required) and surface made good to match existing as detail 6.
- ROOT PROTECTION AREA:** minimum area to be protected during construction in accordance with BS 5837:2012.

ARBORICULTURAL METHOD STATEMENT: refer to the Arboricultural Method Statement 19135 / EH / AMS001 for more detailed information.

TREE PROTECTION NOTES:
 'Trees in relation to design demolition and construction' BS5837:2012

- 1.0 PRIOR TO COMMENCEMENT OF WORKS:**
- 1.1 PRIOR TO COMMENCEMENT:** all trees that are being retained onsite shall be protected by barriers and / or ground protection before any materials or machinery are brought onto the site, and before any development or stripping of soil commences. The 'Root Protection Area' (RPA) associated with existing trees designated for retention shall be protected from damage by erection of high visibility netting on road pins.
- 1.2 EXTENT OF ROOT PROTECTION AREA (RPA):** as shown on the Tree Protection Plan (TPP) the RPA is generally to be in accordance with Annex D, Table D.1 'Root Protection Area' - as an area equivalent to a circle radius 12 times the stem diameter (single stem trees) or based on the combined stem diameter for multistem trees (trees with more than one stem arising below 1.5m above ground level) refer to Clause 4.6.
- 2.0 ADDITIONAL PRECAUTIONS:**
- 2.1** Planning of site operations should take sufficient account of wide or tall loads, or plant with booms, jibs or counterweights (including drilling & piling rigs) in order that they can operate without coming into contact with retained tree. The transit or traverse of plant in proximity to trees shall be conducted under supervision of a banksman to ensure adequate clearance from trees is maintained at all times. Access facilitation pruning as agreed with the project arboriculturalist and/or local authority should be undertaken where necessary to maintain clearance. NB Works to trees protected by a Tree Preservation Order or within a Conservation Area will need approval by the local authority.
- 2.2** Any materials whose accidental spillage would cause damage to a tree should be stored and handled well away from the outer edge of its RPA e.g. concrete mixings, diesel, oil and vehicle washings. Allowances shall be made for sloping ground to avoid damaging materials running towards retained trees.
- 2.3** Fires on sites should be avoided. Where they are unavoidable, they should not be in a position where heat could affect foliage or branches. The potential size of a fire and wind direction should be taken into account when determining its location, and should be attended at all times until safe to leave.
- 2.4** Trees are not to be used as anchorages for equipment, or for other purposes. Notice boards, telephone cables, or other services should not be attached to any part of the tree.
- 2.5** The dumping of spoil or rubbish, placing of temporary accommodation and storage of materials within the root protection area is prohibited.
- 2.6** The change of ground level, excavating, stripping or disturbing topsoil within the RPA is prohibited.

3.0 RPA ACCESS:

- 3.1** Where temporary construction access to the lighting locations is specified within the RPA, this should be facilitated by working off from the existing footpath and road hard surfacing.

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Refer any query to office of originator.

rev	date	amendments:	att:
A	15/07/2020	RPA trench width reduced.	E.H
B	21/09/2020	Ground marker locations amended.	E.H
C	28/10/2020	Legend amended.	E.H

cdm 2015: designers residual risk information

In addition to the risk & hazards normally associated with the type of work detailed on this drawing the following residual risks should be noted:

Construction:

- Changes in level across the site including ramped access / steps.
- The proximity of adjacent pavements, roads, roads & car parks.
- The proximity of adjacent buildings and buried associated services.

Maintenance:

- Changes in level across the site including ramped access / steps.
- The proximity of adjacent pavements, roads, roads & car parks.
- The proximity of adjacent buildings and buried associated services.

It is assumed that works will be carried out by competent contractor working where appropriate to an approved method statement.

bea
 landscape design ltd

client: COMPTON VERNEY HOUSE TRUST

project: GROUNDS LIGHTING COMPTON VERNEY

title: TREE PROTECTION PLAN ZONES 5 & 5

status: TENDER

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Bealandscape Design Ltd
 132A The Westons, Compton Verney, Warwickshire, CV35 9GB
 T: 01902 424 950 / 01902 425 001
 E: info@bealandscape.co.uk
 W: www.bealandscape.co.uk