



Existing access road surface to be used as adequate ground protection for retained RPAs.

Removal of existing surfaces within retained RPAs to be conducted sensitively (see method statement for details)

New access road to be built using no-dig solutions within retained RPAs, and then to be considered as ground protection.

Canopy over proposed access road and gate walls to be lifted to 4m and cut back to edge of proposed pathway

Minor loss of RPA due to surface encroachment offset by additional rooting medium outside of development boundary

Canopy trimmed back as required for excavation of SUD

Sections of under-story groups, outside of the development boundary, to be removed or cut back as required for visibility spays for proposed junction.

SENSITIVE DEMOLITION
The existing feature(s) is within the RPAs of retained trees and therefore, to minimise impact on underlying roots is to be demolished as per the method statement & under the supervision of the project arboriculturist.

LEGEND

TREE PROTECTION FENCING & EXCLUSION ZONE
All Tree Protection Fencing (TPF) shall be installed prior to any plant activity on site whatsoever, including demolition, utility installation, groundworks, and soil stripping. Once erected, all TPF will be regarded as permanent, and will not be removed or altered without prior recommendation by the project arboriculturist and approval of the local planning authority.

Tree Protection Fencing shall comprise of three types panels on 'timber' wall braced by attachment to scaffold pole uprights driven firmly into the ground. Once the exclusion zone has been protected by barriers and/or ground protection, construction work can commence. All weather notices may be erected on the barriers.

1 Weldmesh (e.g. Heras) Panels
2 Concrete or rubber blocks
3 Scaffold pole uprights driven firmly into ground, then secured to panels with wire ties, or
4 Uprights driven firmly into ground through hole in block, then secured to panels with wire ties.
5 Panels to be interlinked using clamps

GROUND PROTECTION WITHIN ROOT PROTECTION AREAS
The area shown is within the root protection area for the protected tree(s). To allow construction access, and to protect the soil from compaction, the following must be installed:

a) For pedestrian movements only, a single thickness of scaffold boards should be placed either on top of a driven scaffold frame, so as to form a suspended walkway, or on top of a compression-resistant layer (e.g. 100 mm depth of woodchip), laid onto a geotextile.

b) For pedestrian operated plant up to a gross weight of 2.1 tonnes, proprietary, inter-linked ground protection boards should be placed on top of a compression-resistant layer (e.g. 150 mm depth of woodchip), laid onto a geotextile.

c) For wheeled or tracked construction traffic exceeding 2.1 gross weight, an alternative system (e.g. one-way reinforced concrete slabs) should be employed to an engineering specification designed in conjunction with arboricultural advice to accommodate the likely loading to which it will be subjected.

NO-DIG SURFACE
Cellular confinement system (CCS) is to be used to create this area of hard surface, above the existing ground level. Topsoil to be retained. Depth of CCS to be 50-75mm for pedestrian surfaces and 100-200 for vehicular surfaces. Surface to be porous to approved details and specifications. To be installed under arboricultural supervision. All specifications subject to engineering design.

Cells to be filled with 20-40mm clean graded angular stone to manufacturers details and specifications

TreeTex T300 geotextile or similar laid over CellWeb

— Porous surface to finish

Peg and board edging

Top soil to BS5832:2007

Original ground level level

TreeTex T300 non-woven geotextile or similar approved laid over formation

Depressions and soft spots to be filled with sharp sand to levels required

CCS cellular confinement system (Geotextiles CellWeb or similar approved)

TREE TO BE RETAINED (SOLID GREEN CANOPY)

TREE TO BE REMOVED (DASHED RED CANOPY)

TREE/ GROUP TO BE PRUNED (SOLID GREEN/RED CANOPY)

A CATEGORY TREE
B CATEGORY TREE
C CATEGORY TREE
U CATEGORY TREE

ROOT PROTECTION AREA (RPA) FOR RETAINED TREES

The original of this drawing was produced in colour: a monochrome copy should not be relied upon.

F	10.03.2022	Updated Layout	HEP
E	15.02.2022	Updated Layout and tree retention	HEP
D	25.06.2021	Finalised layout and pruning amendments	HEP
C	21.01.2021	Revised basin design	HEP
B	14.01.2021	Revised layout	HEP
A	11.01.2021	Revised layout	TRG
Rev	Date	Details	Drawn



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scheme: Land South of A259, Angmering

client: Redrow Homes Ltd.

drawing: Tree Protection Plan

date: 07/12/2020

scale: 1:250@A0

dwg no: RED23031-03F

drawn: HEP checked: TRG