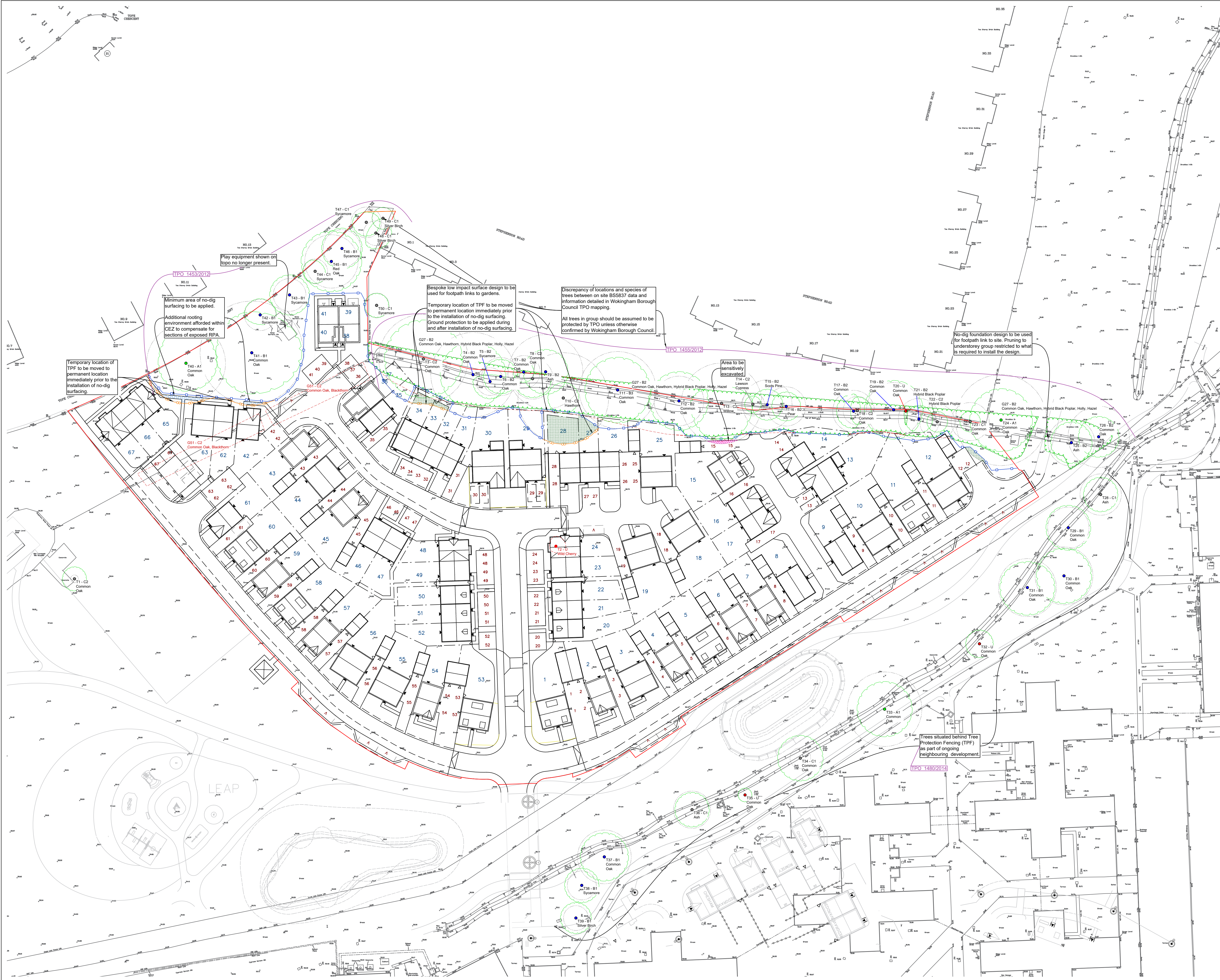




LEGEND

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.

BS5837:2015 Figure 2: barrier specification

1 Standard scaffold poles
2 Heavy gauge 2 m tall galvanized tube and welded mesh infill panels
3 Panels secured to uprights and cross-members with wire ties
4 Ground level
5 Uprights driven into the ground until secure (minimum depth 0.6 m)
6 Standard scaffold clamps

TEMPORARY FENCING
The fencing is used to protect areas prior to the installation of special detail and is to be removed when the detail is installed as per the method statement & under the supervision of the project arboriculturist.

NO-DIG SURFACE
Cellular confinement system (CCS) is used to create this area of hard surface, above the existing ground level. Topsoil to be retained. Depth of CCS to be 60-75mm for pedestrian surfaces and 100-200 for vehicular surfaces. Surface to be permeable to approved details and specifications. To be installed under arboriculturist 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.
Top soil to BS5882:2007.
TreeTex T300 no-weave geotextile or similar approved laid over formation.
Deposition and soft spots of formation to be filled with sharp sand to levels required.
CCS/Cellular confinement system (Geosynthetic CellWeb or similar approved).

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 t, proprietary, inter-linked ground protection boards should be placed on top of a compression-resistant layer (e.g. 100 mm depth of woodchip), laid onto a geotextile.
c) For wheeled or tracked construction traffic exceeding 2 t gross weight, an alternative system (e.g. pre-cast 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.

TREE TO BE RETAINED

TREE TO BE REMOVED

GROUP CANOPY TO BE REDUCED
Group to be trimmed back from the red dashed line to the green line as indicated.

A CATEGORY TREE

B CATEGORY TREE

C CATEGORY TREE

U CATEGORY TREE

ROOT PROTECTION AREA (RPA) FOR RETAINED TREES

SENSITIVE EXCAVATION
The required excavation is within retained RPA. To reduce impacts to underlying roots the excavation is to be conducted in a sensitive manner, either by use of hand tools and air-spade where feasible or through use of an excavator with a toothless bucket and under direct supervision.

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

Rev	Date	Update to layout.	Details	WTW
A	24/09/25	Update to layout.		Drawn

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client: Crest Nicholson Chiltern
drawing: Tree Protction Plan
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