

ARBORICULTURAL METHOD STATEMENT

From commencement of the development, the following methodology shall be implemented in the manner and sequence described below

SEQUENCE OF WORKS

1. Tree and hedge removal and pruning
2. Erection of 'tree protection barriers'
3. Main construction phase
4. Removal of 'tree protection barriers'
5. Landscaping works including construction of engineer-designed hard surfacing

1. TREE AND HEDGE REMOVAL AND PRUNING

- a. All tree and hedge removal and pruning work shall be implemented in accordance with Tree Survey Schedule C/NV10778-SS-4 and this drawing
- b. All reasonable care shall be taken to avoid damage to retained trees, shrubs and hedges
- c. All tree stumps within any area designated as a 'tree protection area' or otherwise protected on this drawing shall be removed by mechanical stump grinder and shall not be excavated in their entirety by mechanical excavator
- d. All tree removal and pruning works shall be carried out in compliance with British Standard BS5837:2012 Tree work - Recommendations

2. ERECTION OF TREE PROTECTION BARRIERS

- a. The main contractor shall erect 'tree protection barriers' as detailed on this drawing
- b. The 'project arboriculturist' shall inspect installation of the 'tree protection barriers' prior to commencement of any construction works, site preparation, excavation or delivery of plant and materials

3. MAIN CONSTRUCTION PHASE

- a. There shall be no storage of construction equipment, plant or materials within any area designated as a 'tree protection area' or otherwise protected on this drawing
- b. No fires shall be lit within 20m of any retained tree or hedge
- c. The site agent shall supervise all deliveries by self-loading crane, with vehicles positioned in such a manner that retained trees and hedges are not at undue risk of damage
- d. There shall be no excavation within 300mm of a 'tree protection barrier'
- e. There shall be no new excavation for the installation, renewal or repair of underground services within any area designated as a 'tree protection areas' or otherwise protected on this drawing
- f. The integrity of the 'tree protection barriers' shall be maintained for the duration of the main construction phase
- g. Any damage occurring to 'tree protection barriers' during the main construction phase shall be reported to the project arboriculturist and immediately made good by the main contractor
- h. Site drainage and washings from concrete and mortar mixings shall be directed away from all 'tree protection areas'
- i. The 'project arboriculturist' shall visit the site monthly to assess the integrity of the tree protection
- j. The 'project arboriculturist' shall complete a report to be sent to the site owner and main contractor following each visit. In this regard, the site owner will instruct the 'project arboriculturist' prior to any works commencing on site

4. REMOVAL OF TREE PROTECTION BARRIERS

- a. 'Tree protection barriers' shall be removed only on completion of construction works and in compliance with all relevant planning conditions

5. LANDSCAPING WORKS INCLUDING CONSTRUCTION OF ENGINEER-DESIGNED HARD SURFACING

- a. Landscaping works shall be implemented in accordance with a scheme approved by the Local Planning Authority
- b. There shall be no roto-tilling of ground within any area designated as a 'tree protection area' or otherwise protected on this drawing
- c. Sandy topsoil may be spread within the 'tree protection areas' to a depth of not more than 150mm to facilitate the establishment of new vegetation. No other addition of soil or other material shall be carried out within any area designated as a 'tree protection area' or otherwise protected on this drawing without prior consultation with the Local Planning Authority
- d. No hard landscaping works or excavation for cables or any other service shall be carried out within the 'tree protection area' without the prior written consent of the LPA. All such excavations shall be carried out in accordance with the guidance set out in National Joint Utilities Group Guidelines for the Planning, Installation and Maintenance of Utility Apparatus in Proximity to Trees (Volume 4 2007)
- e. The areas of new hard surfacing identified by blue cross-hatching on this drawing shall be constructed over the existing ground without excavation other than the removal, by hand, using hand tools, under the supervision of the 'project arboriculturist' of surface vegetation and minor (<100mm high) surface irregularities or loose soil to a depth of not more than 100mm, without excavation of the underlying soils. Any excavation of ground within the blue cross-hatched areas shall be carried out in accordance with section 7.2 of British Standard BS37:2012 Trees in relation to design, demolition and construction - Recommendations
- f. The new surfacing in the blue cross-hatched areas shall be constructed using the 'Cellweb' 3-dimensional cellular confinement system (or equivalent)
- g. All aggregates used in the construction shall be no-fines, crushed gritstone or sandstone. Limestone shall not be used
- h. The wearing surface shall be of a material agreed with the Local Planning Authority
- i. The construction shall be to an engineer designed specification and method statement agreed with the Local Planning Authority, and in compliance with section 7.4 of British Standard BS37:2012 Trees in relation to design, demolition and construction Recommendations. The specification shall include details of existing and proposed ground levels, depth of construction and final surface levels
- j. Edge restraints shall be constructed from pressure treated timber boards secured to timber posts, or other means to be agreed with the Local Planning Authority. In the installation of edge restraints, there shall be no excavation of ground other than as described at a. above.
- k. Final surface levels adjacent to the 'reduced dig' sections of hard surfacing shall be dictated by final surface levels of the 'reduced-dig' section, and not vice-versa

TREE PROTECTION SPECIFICATION

Tree Protection Areas shall:-

1. Be secured prior to commencement of any construction works, delivery of site accommodation or materials and shall remain intact for the duration of the construction works
2. Preclude all construction activity with the exception of specified arboricultural works and such works as have been agreed by all parties and to be carried out under supervision
3. Be protected by 'tree protection barriers' and other measures as specified on this drawing
4. Preclude the storage or tipping of all materials and substances. Toxic substances such as fuels, oils, additives and cement shall not be stored within 5m of any area designated as a 'tree protection area' or otherwise protected on this drawing
5. Any incursion into 'tree protection areas' must be by prior arrangement, following consultation with the Local Planning Authority

Tree Protection Barriers

1. The 'tree protection barriers' shall comprise 2m high weldmesh 'Heras' type fencing
2. The fencing panels shall butt together and be securely fixed to a timber framework comprising 2.7m x 100mm x 100mm timber posts, set or concreted into 600mm deep, 150mm diameter augured holes at 3.5m centres
3. No fixing shall be made to any tree and all reasonable care shall be taken to avoid damage to tree roots when locating posts
4. An A3 warning sign reading as per figure 1 shall be fixed to every 10m of 'tree protection barrier'
5. The 'project arboriculturist' shall direct erection of the 'tree protection barriers'

Fig 1

TREE PROTECTION AREA
KEEP OUT!

ALL TREES ENCLOSED BY THIS FENCE ARE PROTECTED
BY PLANNING CONDITIONS FROM AND COUNCIL PLANNING ACT 1990
CONTINUATION OF PLANNING CONTROLS
NOT LEGAL TO CHALLENGE PROSECUTION

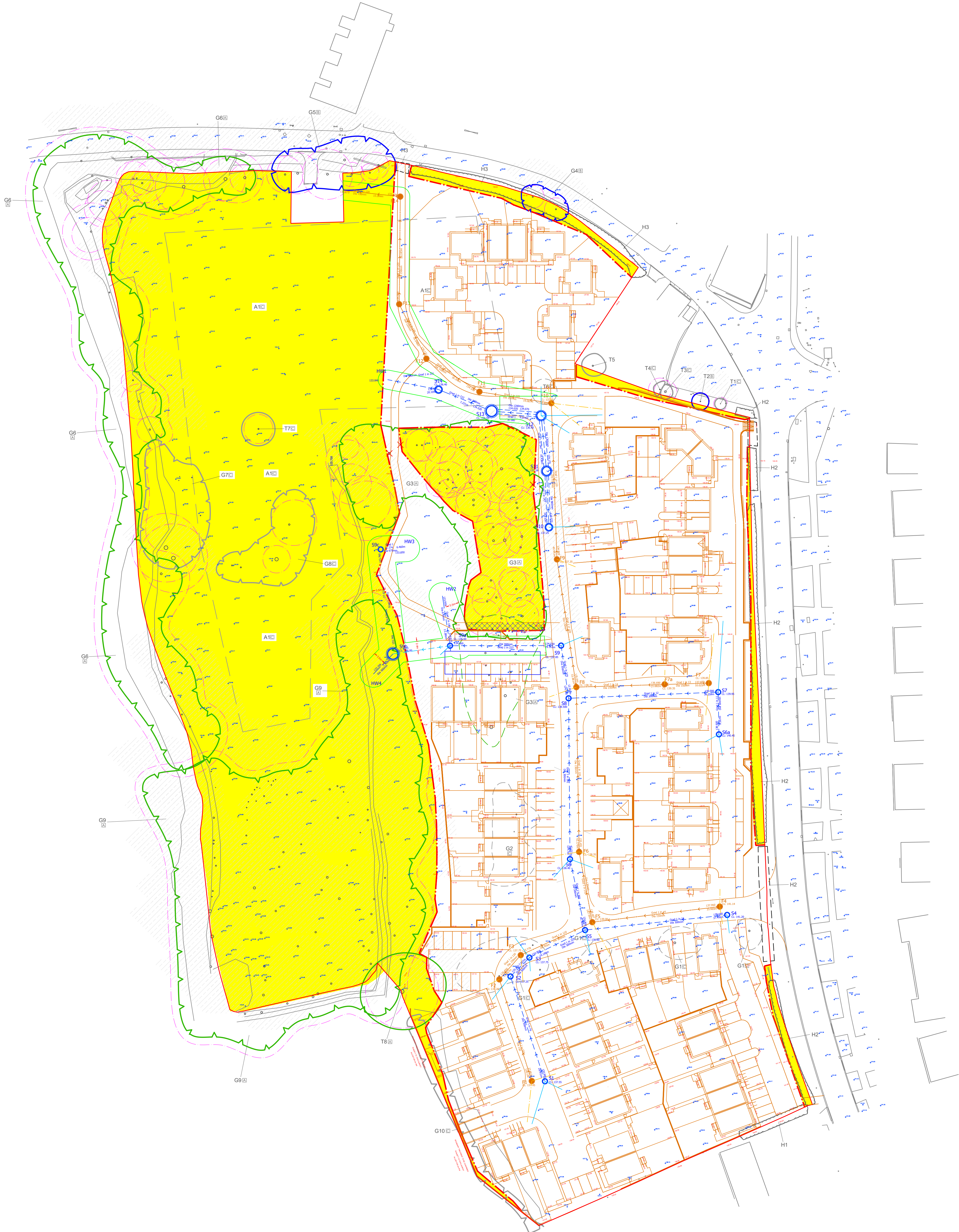
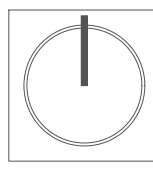
THE FOLLOWING MUST BE OBSERVED BY ALL PERSONNEL

- THE TREE PROTECTION BARRIERS MUST NOT BE MOVED
- NO PERSON SHALL ENTER THE TREE PROTECTION AREA
- NO MACHINE OR PLANT SHALL ENTER THE TREE PROTECTION AREA
- NO MATERIAL SHALL BE DEPOSITED IN THE TREE PROTECTION AREA
- NO EXCAVATION SHALL OCCUR IN THE TREE PROTECTION AREA

ANY INCLUSION INTO THE TREE PROTECTION AREA MUST BE
WITH THE PRIOR WRITTEN PERMISSION OF THE LOCAL PLANNING AUTHORITY

SCALE: 1:500
UNITS: METRES

0 10 20



TREE PROTECTION PLAN	
9 LOWE STREET MACCLESFIELD CHESHIRE SK11 7NJ	T: +44(0)1625 660668 E: admin@cheshire-woodlands.co.uk W: www.cheshire-woodlands.co.uk
CLIENT	KEEPSMART HOMES
PROJECT	CHEADLE ROAD UPPER TEAN
JOB REF	CW10778-R-TP-4
DATE	8 SEPTEMBER 2023
SCALE	1:500 H/A1
	PROPOSED ENGINEER-DESIGNED HARD SURFACE (BS5837)
	TREE PROTECTION AREA
	TREE PROTECTION BARRIER (BS5837)
	SITE BOUNDARY
	PROPOSED DEVELOPMENT (Drawing 22032 110-111 External Levels)
	INDIVIDUAL TREE TO BE RETAINED
	GROUP OF TREES TO BE RETAINED
	AREA OF TREES TO BE RETAINED
	HEDGE TO BE RETAINED
	TREE, GROUP, AREA OR HEDGE TO BE REMOVED
	TREE TO BE REMOVED FROM A GROUP
	STEM POSITION APPROXIMATED
	BS 5837 RETENTION VALUE
	BS5837 ROOT PROTECTION AREA RADIUS
	BS5837 SHADOW PATTERN
	BS5837 CATEGORY 'A' TREES
	BS5837 CATEGORY 'B' TREES
	BS5837 CATEGORY 'C' TREES
	BS5837 CATEGORY 'U' TREES
	S104 SW SEWER
	S104 FW SEWER
	S104 FW RISING MAIN
	PROPOSED SEWER EASEMENT
	S18 GULLY AND CONNECTION
	SW LATERAL
	FW LATERAL
	EXISTING LEVELS
	PROPOSED LEVELS