

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. Pre-contract site meeting
2. Tree removal and pruning
3. Erection of 'tree protection barriers'
4. Construction of 'no-dig' hard surfacing
5. Main construction phase
6. Removal of tree protection barriers
7. Landscape works

1. PRE-CONTRACT SITE MEETING

To outline working methods in relation to trees, a site meeting of the following shall take place prior to commencement of any construction activity on site. -

- Client
- Structural engineer
- Main contractor
- Site agent
- Project arboriculturist

Before the site meeting, existing incoming services and drainage shall be accurately located both on site and on a copy of this drawing

2. TREE REMOVAL AND PRUNING

- a. All tree and shrub removal and pruning works shall be implemented in accordance with the Tree Survey Schedule CW/6664-SS1 and this drawing
- b. Every effort shall be made to prevent damage to retained trees and shrubs
- c. All tree stumps 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 at least to the standards specified in British Standard 3998: 2010 Recommendations for Tree Work, unless otherwise specified in the tree survey schedule
- e. All operatives shall be equipped with and shall use personal protective equipment in accordance with current Health and Safety Executive guidance or current industry codes of practice
- f. Performance of all arboricultural operations and use of equipment shall be in accordance with current directives of the Health and Safety Executive and current industry codes of practice

3. ERECTION OF TREE PROTECTION BARRIERS

- a. The main contractor shall erect 'tree protection barriers' to provide tree protection 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

4. 'NO-DIG' HARD SURFACING CONSTRUCTION

- a. The new hard surfacing identified by cross-hatching on this drawing shall be constructed over the existing ground without excavation other than the removal, by hand, under the supervision of a competent arboriculturist of surface vegetation and minor (<100mm high) surface irregularities or loose soil to a depth of not more than 100mm
- b. The new surfacing in the cross-hatched area shall be constructed using the 'Cellweb' or 'Geoweb' cellular confinement systems
- c. All aggregates used in the construction shall be no-fines, crushed gritstone or sandstone. **Limestone shall not be used**
- d. The wearing surface shall be of a material agreed with the local planning authority (LPA)
- e. The construction shall be to an Engineer designed specification
- f. Edge restraints to the 'no-dig' sections of hard surfacing shall be constructed from pressure treated timber boards secured to timber posts, or other means to be agreed with the LPA. In the installation of the edge restraints, there shall be no excavation of ground other than that described at a above. All timber shall be treated in compliance with BS4072 (Wood Preservation by Means of CCA Compositions)
- g. Final surface levels adjacent to the 'no-dig' sections of hard surfacing shall be dictated by final surface levels of the 'no-dig' section, and not vice-versa

5. MAIN CONSTRUCTION PHASE

- a. There shall be no storage of construction equipment, plant or materials within any area designated as a 'construction exclusion zone' or otherwise protected on this drawing
- b. No trees shall be lit within 20.0m of any retained tree
- c. The site agent shall supervise all deliveries by self-loading crane, with vehicles positioned in such a manner that retained trees are not at risk of damage
- d. Excavation shall not occur at a distance of less than 300mm from a 'tree protection barrier'
- e. The integrity of the 'tree protection barriers' shall be maintained for the duration of the main construction phase
- f. 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
- g. The area of existing bitmac hardstanding identified by dash-hatching on this drawing shall be retained to existing hard surface for the duration of the main construction phase. Any damage occurring to the existing hardstanding during the main construction phase shall be reported to the project arboriculturist and immediately made good by the main contractor
- h. There shall be no new excavation for the installation, renewal or repair of underground services within any area designated as a 'construction exclusion zone' or otherwise protected on this drawing
- i. Site drainage and washings from concrete and mortar mixings shall be directed away from all 'construction exclusion zones'
- j. The project arboriculturist shall visit the site monthly to assess the integrity of the tree protection
- k. The project arboriculturist will 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

6. REMOVAL OF TREE PROTECTION BARRIERS

'Tree protection barriers' shall be removed only upon completion of the construction works and in compliance with all relevant planning conditions

7. LANDSCAPE WORKS

- a. Landscaping works shall be implemented in accordance with a scheme approved by the LPA
- b. There shall be no rotovation of ground within any area designated as a 'construction exclusion zone' or otherwise protected on this drawing
- c. Sandy topsoil may be spread within the 'construction exclusion zones' to a depth of not more than 100mm 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 'construction exclusion zone' or otherwise protected on this drawing without prior consultation with the LPA
- d. No hard landscaping works or excavation for cables or any other service shall be carried out within the 'construction exclusion zones' without the prior written consent of the LPA. All such excavations shall be carried out in accordance with the guidance set out in NJUG4 (2007)

TREE PROTECTION PLAN

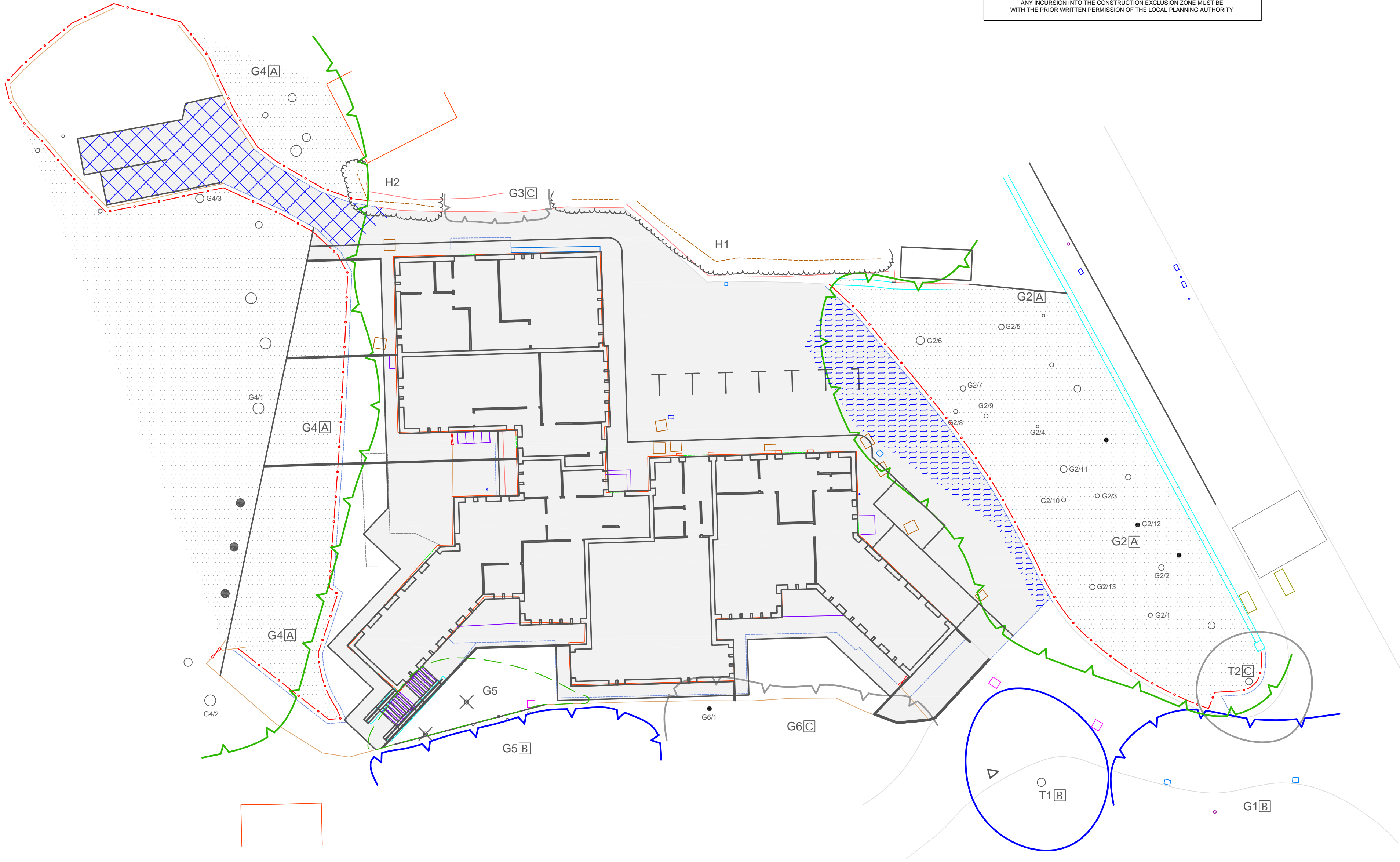
Fig.1

CONSTRUCTION EXCLUSION ZONE KEEP OUT!

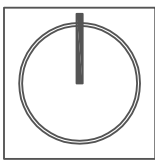
ALL TREES ENCLOSED BY THIS FENCE ARE PROTECTED
BY PLANNING CONDITIONS (TOWN AND COUNTRY PLANNING ACT 1990)
AND ARE LOCATED IN A CONSERVATION AREA AND ARE THE SUBJECTS OF A
TREE PRESERVATION ORDER.
CONTRAVENTION OF TREE PRESERVATION ORDER/CONSERVATION AREA
CONTROLS MAY LEAD TO CRIMINAL PROSECUTION

THE FOLLOWING MUST BE OBSERVED BY ALL PERSONNEL:

- THE TEMPORARY PROTECTIVE FENCING MUST NOT BE MOVED •
 - NO PERSON SHALL ENTER THE CONSTRUCTION EXCLUSION ZONE •
 - NO MACHINE OR PLANT SHALL ENTER THE CONSTRUCTION EXCLUSION ZONE •
 - NO MATERIAL SHALL BE STORED IN THE CONSTRUCTION EXCLUSION ZONE •
 - NO SPOIL SHALL BE DEPOSITED IN THE CONSTRUCTION EXCLUSION ZONE •
 - NO EXCAVATION SHALL OCCUR IN THE CONSTRUCTION EXCLUSION ZONE •
- ANY INCURSION INTO THE CONSTRUCTION EXCLUSION ZONE MUST BE
WITH THE PRIOR WRITTEN PERMISSION OF THE LOCAL PLANNING AUTHORITY



SCALE: 1:200
UNITS: METRES



TREE PROTECTION SPECIFICATION

Construction Exclusion Zones 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 sole 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 5.0 metre of any area designated as a construction exclusion zone on this drawing

Any incursion into 'construction exclusion zones' must be by prior arrangement, following consultation with the LPA

Tree Protection Barriers

The 'tree protection barriers' shall comprise either:

1. 2.0m high weldmesh 'Heras' type fencing
2. The fencing panels shall butt together and be securely fixed to 2.7m x 100 mm x 100mm timber posts, set or concreted into 0.6m deep, 150 mm diameter augured holes at 3.5m centres
- or:
1. 2.4m high, 1.2m wide, 18mm thick exterior grade softwood plywood boards (or oriental strand board)
2. A timber framework shall be constructed comprising 3.0m long by 100mm by 100mm timber posts, concreted into 0.6m deep, 200mm diameter augured holes at maximum 3.6m centres. Two horizontal cross rails, 3.6m long by 100mm x 50mm shall be securely fixed to each upright at 0.5m and 1.9m above ground level
3. The fencing boards shall butt together and shall be securely fixed to the timber framework
4. No fixing shall be made to any tree and every possible precaution shall be taken to prevent damage to tree roots when locating posts
5. A 600mm x 300mm warning sign reading as per figure 1 shall be fixed to every 10.0m of 'tree protection barrier'
6. The 'project arboriculturist' shall direct erection of 'tree protection barriers'

| REVISION: | NOTES: |
|-----------|---|
| P-TP-1 | GT 2/12/2014. Amended car-park layout in north west corner (drawing PR/CM01/13/PL/01 Rev B) |

TREE PROTECTION PLAN

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CLIENT EDWARD MELLOR

PROJECT FORMER PARTINGTON CARE HOME
NORTH ROAD
GLOSSOP

JOB REF CW/6664-P-TP-1

DATE 16 OCTOBER 2012

SCALE 1:200 at A1

| | |
|--|---|
| | PROPOSED BUILDING, STRUCTURES AND HARDSTANDING |
| | INDIVIDUAL TREE TO BE RETAINED |
| | GROUP OF TREES TO BE RETAINED |
| | HEDGE TO BE RETAINED |
| | SHRUBS TO BE RETAINED |
| | GROUP OF TREES TO BE REMOVED |
| | TREE TO BE REMOVED FROM A GROUP |
| | STEM POSITION APPROXIMATED |
| | BS5837 CATEGORY 'A' |
| | BS5837 CATEGORY 'B' |
| | BS5837 CATEGORY 'C' |
| | EXISTING HARD SURFACE TO BE RETAINED FOR THE DURATION OF DEVELOPMENT OPERATIONS |
| | NEW HARD SURFACE TO BE INSTALLED TO AN ENGINEER DESIGNED CONSTRUCTION METHOD |
| | CONSTRUCTION EXCLUSION ZONE |
| | TREE PROTECTION BARRIER |