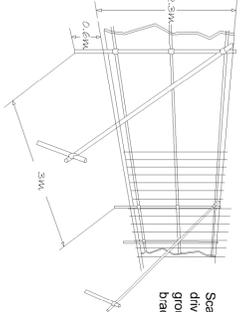


20mm exterior grade ply and/or Heras panels wired to uprights and horizontals. Wire twisted and secured on inside face of fencing to avoid easy dismantling.



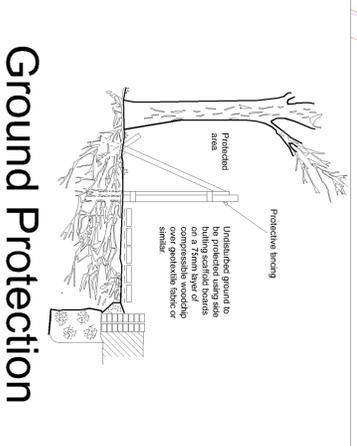
### Tree Protection Fencing

**Tree Pruning**  
T8 and T9 should be crown lifted to 5m above the highest point of the clearance.

**Tree RPA Modification**  
T5-T11 and T13 and T14's RPA has been modified from the British Standard model due to the presence of the stone retaining wall. Assumed RPA positions are estimated.

**Tree Precautinary Zone**  
The proposed surface should be compacted and porous method utilising product such as Calwath or Arborfill.

**Tree Precautinary Zone**  
The proposed access point should be root bridged on screw piles with pile locations air excavated first to deter from contacting finger roots.



### Ground Protection

**Ston**

**NOTES** - Where works to trees are proposed on site, or to overhanging vegetation to enable construction, this shall be undertaken by qualified tree surgeon in accordance with the requirements of BSS3998:2010, prior to the installation of Protective Fencing.

Retained trees and vegetation, either within the site or on adjacent land, shall be protected where necessary during works by 2300mm high mesh panel (Heras type) fencing secured to a scaffold tubing framework or supported on a suitable base pinned into the ground and connected by rone tamper fixings.

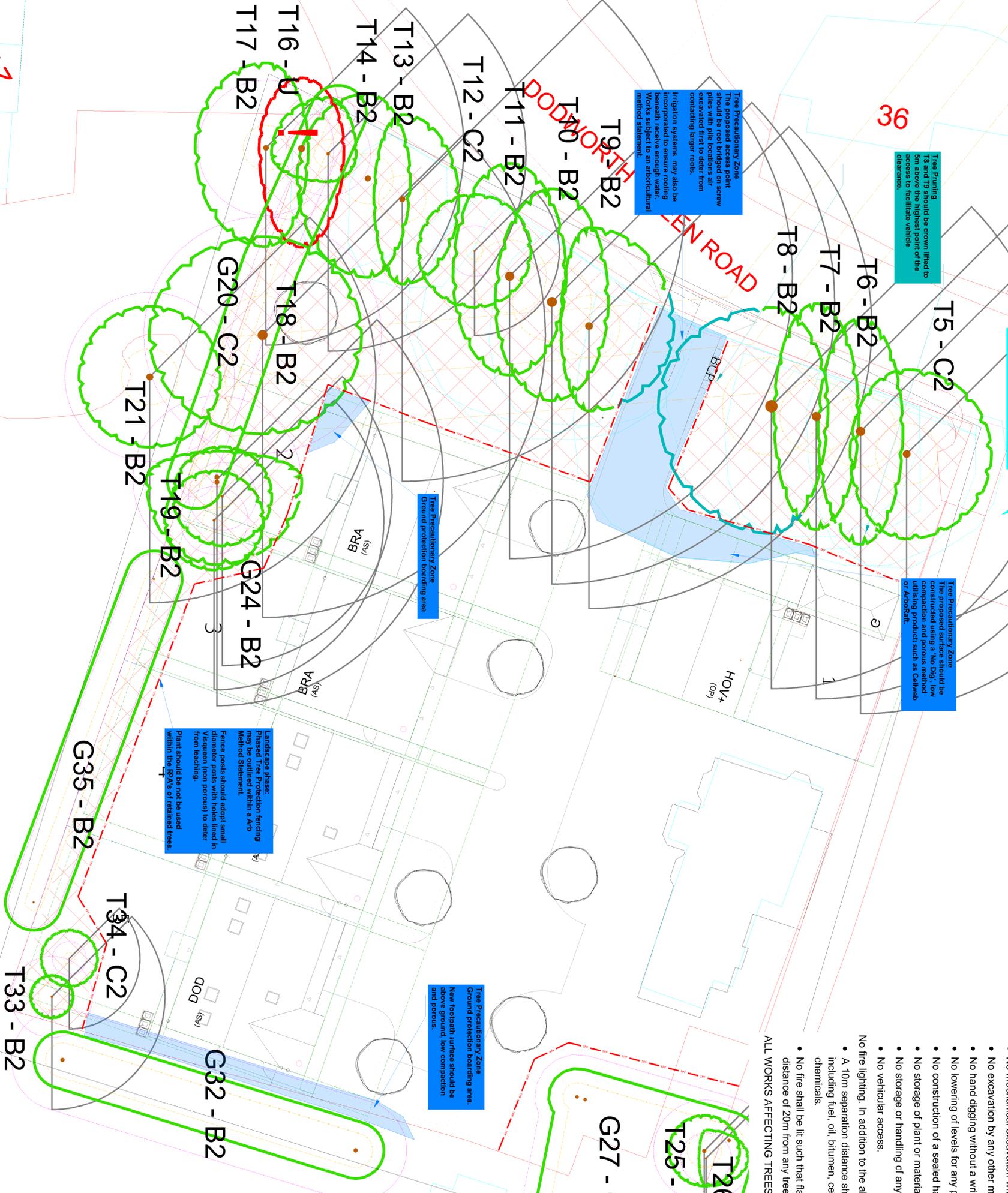
Protective fencing shall be erected outside the canopy drip-line or beyond the minimum Root Protection Area (RPA) distance wherever possible. The tree works & fencing works shall be carried out prior to any demolition, groundworks, construction works.

Laminated, waterproof A4 signs shall be fixed to the fence posts at 10m intervals bearing the words **CONSTRUCTION EXCLUSION ZONE - NO STORAGE OR OPERATIONS WITHIN FENCED AREA** as per the example on the plan.

**PROTECTION OF CONSTRUCTION EXCLUSION ZONE**  
Inside the exclusion area of the fencing, the following prohibitions shall apply:-

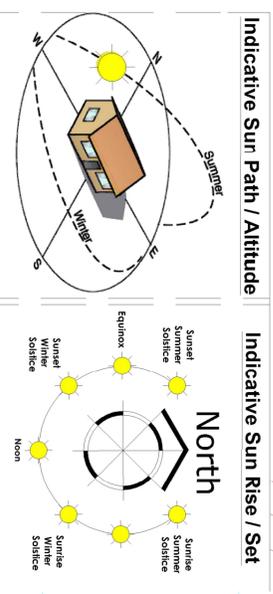
- No mechanical excavation whatsoever.
- No excavation by any other means without arboricultural site monitoring.
- No hand digging without a written Method Statement approved in writing by the Project Arborist.
- No lowering of levels for any purpose (except removal of grass sward using hand tools).
- No construction of a sealed hard surface - except where agreed with the Project Arborist.
- No storage of plant or materials.
- No storage or handling of any chemical, including cement washings.
- No vehicular access.
- No fire lighting. In addition to the above, further precautions are necessary adjacent to trees:-
- A 10m separation distance shall be observed between any tree and substances injurious to tree health, including fuel, oil, bitumen, cement (including cement washings), builders' sand, concrete mixing and other chemicals.
- No fire shall be lit such that flames come within 5m of tree foliage; this shall be taken to mean a fire separation distance of 20m from any tree's canopy.

ALL WORKS AFFECTING TREES SHALL BE SUBJECT TO THE REQUIREMENTS OF BSS5837:2012.



**Landscape phase:**  
Planted Tree Protection fencing may be outlined within a Arb Method Statement.  
Fence posts should adopt small diameter posts with holes lined in Visqueen (non porous) to deter from leaching.  
Plant should be and be used within the RPA's of retained trees.

**Tree Precautinary Zone**  
Ground protection boarding area. New footpath surface should be above ground, low compaction and porous.



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**DO'S**  
Tree and walls to the site, provide shade, improve habitat, improve air quality and are typically protected as part of any planning approval, so their protection is in everyone's interest to avoid costly expense and damage.

**TREES ROOTS**  
Spread out a lot further than the branches over a minimum amount to underfoot rooting area needs to be protected to support the tree's ability to absorb water and nutrients from the soil. This is why the roots of a tree are often found in the Arboricultural Method Statement.

**Warning**  
Construction activities can result in the removal of soil, which can damage the roots of a tree. This can lead to the tree's death. The use of properly conditioned protective fencing can prevent these details occurring.

**DO NOT'S**  
Many people believe tree roots extend as deep as the canopy, which is untrue. They do extend into the soil, but they are not as deep as many people think. The use of properly conditioned protective fencing can prevent these details occurring.

**RESULTS OF BREACHING THE CEZ**

- Soil Compaction: Steams roots of oxygen and nutrients and increases water run off the site. **X**
- Excavation: Cuts or damages the roots, which can affect a tree's health or stability. **X**
- Removal of soil: Reduces the tree's ability to absorb water and nutrients from the soil. **X**
- Compaction/Removal of soil: Limits food production and encourages pest or disease. **X**
- Chemical spill including Cement: Kills roots, starving the tree oxygen, water and nutrients. **X**
- Flea Scotch and Burn: Kills stems and branches. **X**
- Help avoid costly shut down and financial penalties. **X**

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**Indicative Sun Path / Altitude**

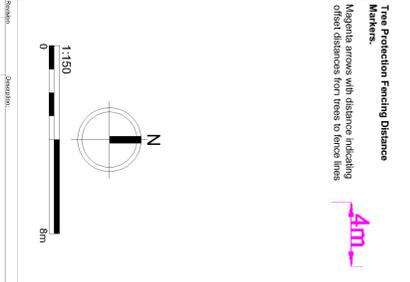
**Indicative Sun Rise / Set**

**North**

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Client	Contract	Approved
Newell Homes		SB
Dodworth		
Tree Protection Plan	BA230623TTP	P
Date	1:150 @ A1	
Issue	05/09/2024	
Scale		
Notes	Dispersal likely beyond and provided. Existing proposed level data not provided. Excavation dimensions/shafting not provided. No detailed cross sections/drawings provided of structures.	



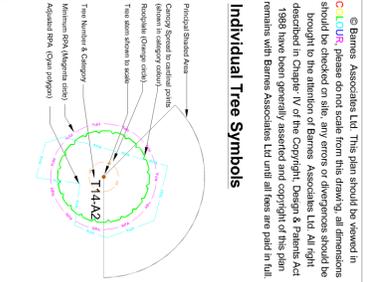
**Tree Protection Methods**

**Construction Exclusion Zone (CEZ)**  
Indicated by the red net fabric fencing. These are 'NO-GO ZONES' for site works. To be protected by appropriate Fencing and/or Ground Protection. These areas shall be identified with signage.

**Tree Precautinary Zone (TPZ)**  
Indicated by Blue shading. Tree root activity is likely in these areas and will need to be appropriately protected. Materials and methods need to limit excavation, root loss or damage to soils.

**High Risk Tree Protection Fencing (Type 1 (TRP))**  
Indicated by the red line. Ground-levels, Fencing or self-stake. Posts shall be excavated by powered hand auger or low ground pressure part working of ground zone. Fencing to be erected outside the Precautinary Zone.

**Tree Protection Fencing Markers**  
Magneta arrows with distance indicating offset distances from trees to fence lines.



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