# Tree Impact Study

Trees within this proposed building plot are covered by Tree Preservation order no.333 dated March 1995 which covers; Western, Southern, Eastern, Beacon and Telegraph Roads.  The trees are identified in particular by; T17, G20 and W1.

Proposed development site - 1a Southern Road, West End, Southampton SO30 3ES

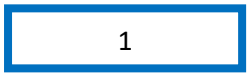
**Key:**




Proposed building plot (1a Southern Road)




Location of proposed dwelling on building plot (1a Southern Road)




Existing property (1 Southern Road)




Existing neighbouring property (3 Southern Road)



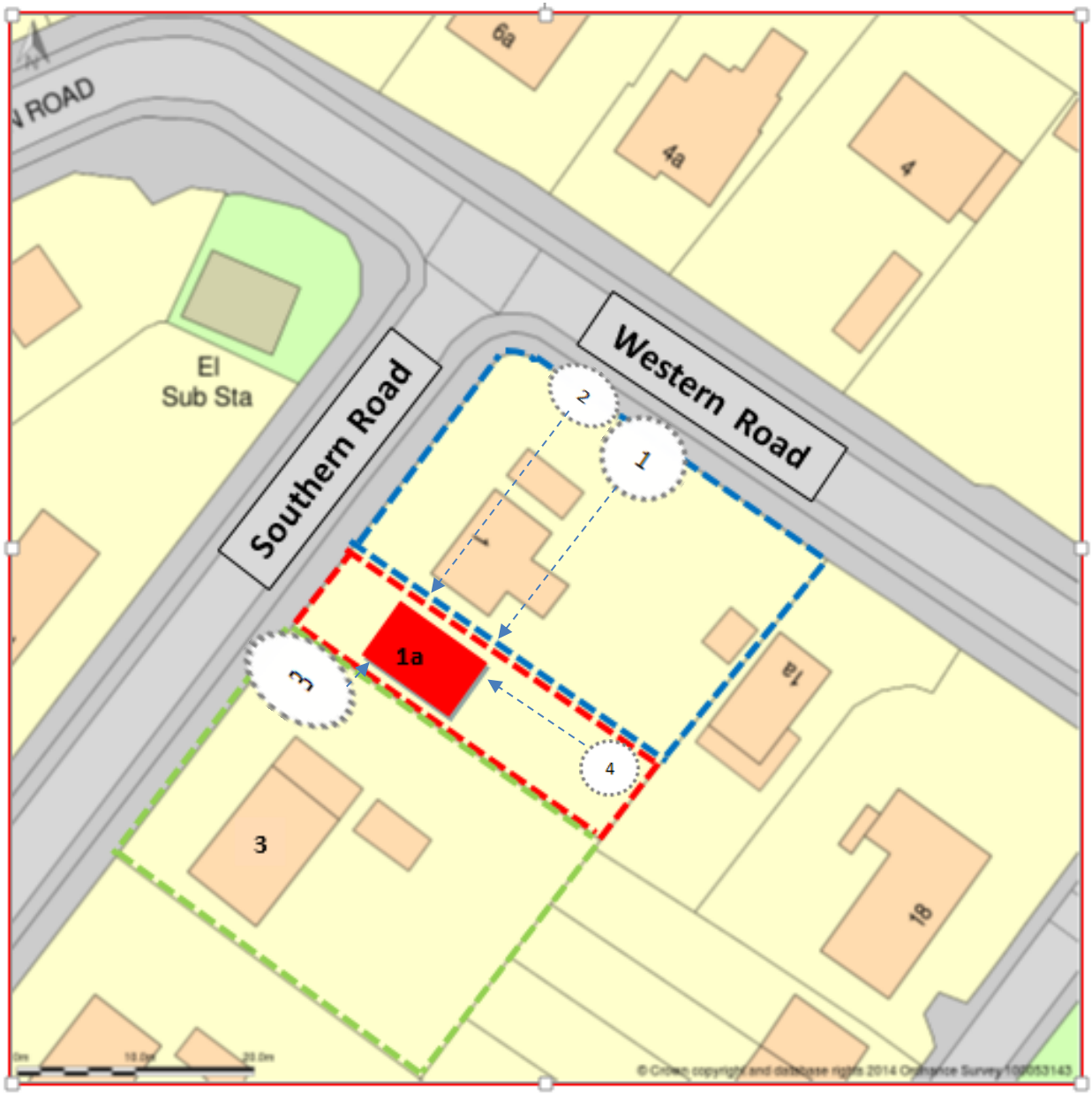
Root Protection Area



Distance from development from outer edge of RPA

# Tree Impact Study

Visual overview of proposed development site:



# Tree Impact Study

**Arboriculture method statement**

Trees preservation order number 333 – G20

1

**Oak tree**

| | |
|---|---|
| Scientific name | Quercus |
| Retention/removal of tree | Retained |
| Life stage | Over-mature |
| Remaining years | 40+ |
| Branch spread | 11.4m |
| Height“#” | 30m“#” |
| Canopy height from ground | 2.5m |
| First significant branch (direction) | East facing, 2.5m from ground |
| Stem diameter | 650mm |
| Root Protection Area (RPA) | 191m2 |
| Distance from development | Outer edge of RPA is 18m from development site. |
| Protective barrier | This tree would not need a protective barrier during construction. |
| Pruning needed for development | This tree would not need any pruning before or during development. |

2

**Pine tree**

| | |
|---|---|
| Scientific name | Pinus |
| Retention/removal of tree | Retained |
| Life stage | Over-mature |
| Remaining years | 40+ |
| Branch spread | 6.3m |
| Height “#” | 30m“#” |
| Canopy height from ground | 3.10m |
| First significant branch (direction) | South/west facing, 3.10m from ground |
| Stem diameter | 570mm |
| Root Protection Area (RPA) | 150m2 |
| Distance from development | Outer edge of RPA is 20m from development site. |
| Protective barrier | This tree would not need a protective barrier during construction. |
| Pruning needed for development | This tree would not need any pruning before or during development. |

Trees preservation order number 333 – G20

Trees preservation order number 333 – W1

Trees preservation order number 333 – T17

3

**Sweet chestnut tree**

# Tree Impact Study

| | |
|---|---|
| Scientific name | Aesculus hippocastanum |
| Retention/removal of tree | Retained |
| Life stage | Mature |
| Remaining years | 40+ |
| Branch spread | The canopy is of an oval shape and varies from 9-11m“#” |
| Height | 30m“#” |
| Canopy height from ground “#” | Varying 3-4m“#” |
| First significant branch (direction) “#” | West facing, 2m“#” from ground |
| Stem diameter | 650mm“#” |
| Root Protection Area (RPA) | 191m2“#” |
| Distance from development | Outer edge of RPA is 1m from development site. |
| Protective barrier | This tree is not within the development site and has a natural barrier (laurel hedge 1.2m high) between the tree and the development. Further protective barrier can be errected during development if deemed necessary. |
| Pruning needed for development | This tree would not need any pruning before or during development. |

4

**Yew tree**

# Tree Impact Study

| | |
|---|---|
| Scientific name | Taxus Baccata |
| Retention/removal of tree | Retained |
| Life stage | Mature |
| Remaining years | 40+ |
| Branch spread | 4.6m |
| Height “#” | 10m“#” |
| Canopy height from ground | 2.2m |
| First significant branch (direction) | East facing, 2.2m from ground |
| Stem diameter | 250mm |
| Root Protection Area (RPA) | 28m2 |
| Distance from development | Outer edge of RPA is 10m from development site. |
| Protective barrier | This tree would not need a protective barrier during construction. The Yew tree is within the development site but is at the non-access end of the development site. This tree will not be affected by the development and will be retained. |
| Pruning needed for development | This tree would not need any pruning before or during development. |