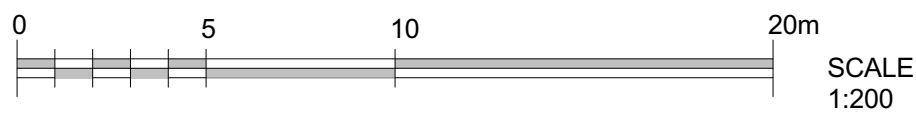
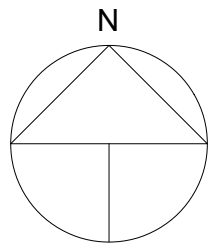


Contractors must check all dimensions from site  
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consultants drawings and specialist subcontractors / supply chain  
drawings and specifications.  
All works to be carried out in accordance with the latest British  
Standards / Codes of Practice unless specifically directed  
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LA-01 Scale: 1:200

All planting to be implemented prior to first use. All plant material shall generally be planted between November and March in open cool weather. Planting shall not take place in frosty, snowy or waterlogged conditions. Where approved, pot or container grown plants may be planted outside the described season, but adequate watering shall be supplied. Torn or damaged roots and branches shall be cleanly pruned prior to planting.

The nature of the material to be planted is variable and the contractor shall allow for planting to be properly carried out in all cases as described in BS 4428: 1989 section 7 amenity tree planting, section 8 Woodland planting and section 9 Planting of shrubs, herbaceous and bulbs. All plants shall be planted at same depth, or very slightly deeper, as they were grown. Roots shall be spread out and not balled. Plants shall be planted in a firm, loose, well-drained soil, upright, firmed in and wind resistant, with no air pockets around roots. All pots and root wrappings shall be carefully removed prior to planting. Roots and wrappings arising shall immediately be picked up and stored ready for removal to tip. Plants shall be planted at the specified centres. On steep slopes this shall be in the horizontal measure.

All shrubs to be positioned as shown on the drawing and to the density and specification listed in the plant schedule. Planting holes to be 150mm wider than the root spread have the base ground thoroughly broken up before planting and backfilled with compost. **Plants in mixes to be randomly planted through bed in groups of 3/5 or 7. low edge species to front of bed , taller species to rear. Minimum density 3/m2, smaller ground cover plants to 4/m2**

The trees themselves must be procured and planted in accordance with British Standards BS 8545:2014, with the nursery provider demonstrating Plant Healthy Certification and/or an adopted biosecurity policy. Trees shall conform to BS: 9396-1: 1992 and be planted in tree pits of the following sizes unless directed otherwise:

- Feathered trees - 900 x 900 x 450
- Selected standards - 1000 x 1000 x 600
- Heavy standards/Extra heavy standards - 1200 x 1200 x 600

Excavated subsoil or stone shall be carted off site to tip. The bottom 250mm of the pit shall be dug and broken up. The bottom of the pit shall be backfilled with subsoil (site or imported) to comply with BS 8601: 2013. The top 300mm of the pit shall be backfilled with imported topsoil as specified unless directed otherwise.

Compost shall be a proprietary product, bark based incorporating fertilisers and improving additives. The type of compost shall be approved before its delivery on site, and the details of the product shall be supplied. Cambark planting compost is approved. Where directed compost shall be added to and mixed with topsoil backfill at the following rates:

- Feathered trees - 40 litres
- Selected standards - 60 litres
- Heavy standards/Extra heavy standards - 80 litres

Stakes for trees

Stakes shall be peeled round softwood, pointed, minimum diameter 75mm

The stakes shall be driven into the base of the tree pit prior to placing the tree and backfilling. Stakes shall in general have a clear height above the finished ground level as follows unless directed otherwise:

Feathered trees - 750mm (one tie)

Selected standards - 900mm (2 stakes, one tie each)

Heavy standards/Extra heavy standards - 1200mm (2 stakes, one tie each)

The stake shall be long enough to drive until they hold the tree firmly without rocking.

Ties for bare-root trees, shall be approved rubber nail-on type with cushioned spacer such as Toms, or other equal and approved. Nails shall be flat headed galvanised and shall hold the ties securely into the stake. Ties shall not be over tight on the tree stems. Ties available from J Toms Limited Wheeler Street, Headcorn, Ashford, Kent, TN27 9SH.

Feathered Type - 04 (one tie)

Select standards - Type L1 (one tie per stake)

Heavy standards/Extra heavy standards - Type L3 (one tie per stake)

Ties for rootball and container grown trees shall be 50mm rubber tree belts in a figure of eight around the tree. Fixed to the stake with two flat head galvanised nails.

Feathered - one belt

Select standards Type - two belts

Heavy standards/Extra heavy standards - two belts

**Planting of trees**  
The tree shall be set upright and at the same depth as grown in the nursery the roots shall be spread out (bareroot) and the soil followed by compost/topsoil mixture, backfilled. Backfilling should be done to ensure close contact between roots and by firming in layers (bareroot). The soil shall be left level and tidy, any subsoil clods, bricks or stones over 50mm arising collected and carted off site.

**Mulching**  
A 75mm compacted layer of medium grade pulverised bark, with a particle size of not more than 100mm and containing no more than 10% fines, shall be spread to form a continuous layer covering the whole of the bed, or in the case of standard trees within grass shall be in the form of a circle of 600mm diameter around the base of the tree. Whips and transplants shall be mulched in the form of a 300mm diameter circle around the base of the tree. Where trees are planted within grass a circular heelp mulch mat is required beneath the layer of mulch at the diameters stated above, secured with fixing pegs. The tree pit surface shall be as big as possible.

Large plants and trees shall be clearly labelled with both the species and supplier name. Batches of shrubs or small trees and plants shall be similarly identified with both the species and supplier name.

All soft landscaping works to be carried out in accordance with BS4428:1989.

**Topsoil**  
it is recommended that any proposed soft landscaping is capped with a minimum thickness of 300mm of clean imported soils. The capping should also include a marker membrane to its base. Importation of soil will be required for the formation of the capping layer. The testing requirements for imported soils Greenfield Source Minimum of 3 or 1 per 250m<sup>3</sup> (whichever is the greater) Standard metals/metalloids/PAH and asbestos Brownfield Source Minimum of 6 or 1 per 100m<sup>3</sup> (whichever is the greater) Standard metals/metalloids, PAH, TPH and asbestos. If in doubt check with client.

To be supplied and spread by the main contractor to the approval of the landscape contractor, in accordance with BS3882:2007. To be a natural sandy loam, of medium texture, with a pH between 5.5 and 7.8. Not more than slightly stony and free from pernicious weeds. Subsoil to be well broken up prior to top soiling to relieve compaction. Topsoil depths should allow a minimum depth of 450 mm for ornamental shrub and hedge planting.

Soil ameliorant  
Spent mushroom compost containing only well rotted manure to be spread over ornamental / shrub beds ( not the meadow) @ 50mm deep prior to cultivation.

Hedge Trenches shall be dug 450mm x 450mm x 450mm the base of which shall be broken up prior to returning the backfill mixture. This shall comprise of two parts topsoil to one part tree and shrub planting compost. Stock shall be planted at the distances given on the drawing in single rows

All stock shall be planted to the root collar and well firmed in place. After planting a 50mm layer of Melcourt ornamental bark or equivalent shall be spread over the trench. All stock shall be thoroughly watered in. Hedges should be maintained to a height in maturity of 1.5m, annual cutting in August should retain foliage for winter. All native hedging to use Spiral guards and canes.

All new tree plantings shall be positioned in accordance with the requirements of Table A.1. of BS5837:2012. Trees should have clear stems to a minimum of 2m. Prune trees and shrubs as required to promote healthy growth and natural shape. Remove dead, dying, diseased wood and suckers. When pruning trees favour a single central shoot. Watering of trees should be sufficient for them to thrive eg 50 litres per week, subject to climatic conditions over the initial 3-year period

main phases, planting, establishment aftercare and long term cyclical maintenance.

It is preferable that all landscaping operations take place in the appropriate season with tree / shrub and perennial planting in the months Nov to March and grass turfing / seeding in the months of March / April and August / September for best results. All operations and stock to be installed in appropriate weather condition for the work in hand.

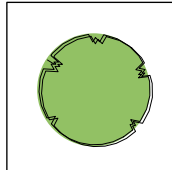
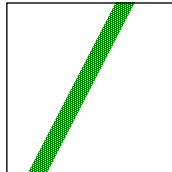
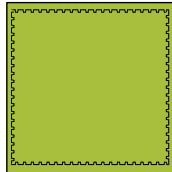
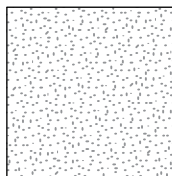
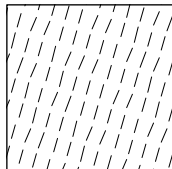
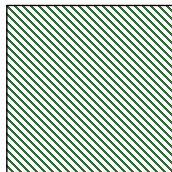
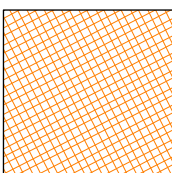
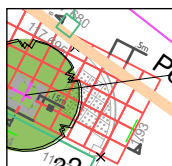
Planting at other times of the year is possible with appropriate aftercare management particularly a detailed watering / irrigation regime to maintain the condition of the plants and prevent failure of plants and grassed areas. Any failures of the planting will need to be rectified in the next available planting season following occupation of the relevant phase of the dwellings

Following the initial 12 months contractual maintenance the site will be subject to a further 30 years maintenance to ensure the landscape scheme is successful and discourage decline of the site.

The site is to be visited at a minimum once per month. Any defects or plant losses to be occurring in the first twelve months to be replaced with specimens of an equivalent species and size for any trees or plants which die, become diseased, or are removed during the maintenance period. These replacements will be at the contractor's expense. Similarly within the remaining four year plants defects, diseased or damaged material should be replaced like for like.

All planting beds to be re firmed and kept weed free through hand weeding and application of approved herbicide where appropriate. The specified thickness of mulch is to be maintained. The condition of all trees is to be regularly checked, with ties and stakes adjusted or replaced as necessary. Shrubs to be pruned and divided at the appropriate times of year to promote healthy growth and desirable ornamental features. All arisings to be removed.

LAYOUT BASED UPON ARCHITECTS  
DRAWING  
51236\_JTP\_00\_XX\_DR\_A\_0504\_C09\_\_\_Pr  
oposed Site.dwg 03.05.24

|                                                                                     |                                                                                                                                                                       |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | NEW TREES EXTRA HEAVY STANDARDS SEE SCHEDULES FOR SPECIES                                                                                                             |
|  | NATIVE HEDGING MIXED 5/M 1+2 SIZE WITH CANES AND GUARDS                                                                                                               |
|  | SHRUB PLANTING AND GROUND COVER 0.3 - 2m                                                                                                                              |
|  | AMENITY TURF MAINTAINED AT 50MM                                                                                                                                       |
|  | WILDFLOWER TURF LTD - 'WILDFLOWER 34' TURF INCLUDING AUTUMN HAWKBIT, BIRD'S FOOT TREFOIL, MEADOWSWEET AND OX EYE DAISY. LAID TO MANUFACTURERS GUIDANCE.               |
|  | WILDFLOWER TURF SHADE TOLERANT TURF WFT-SHADE-41. LAID TO MANUFACTURERS GUIDANCE.                                                                                     |
|  | NATIVE BULBS 15/M2                                                                                                                                                    |
|  | RED SQUARES INDICATE GREENBLUE URBAN "ROOTSPACE" SOIL CELLS LAID TO MANUFACTURERS GUIDANCE. TEL +44 1424 533153<br>SEE ALSO SHEET R3-4460321-04-LA02 FOR MORE DETAIL. |

| Quantity | ID       | Latin Name                   | Girth or Height | form / size |
|----------|----------|------------------------------|-----------------|-------------|
| 4        | Pyr call | Pyrus calleryana Chanticleer | 14-16           | Ex Hvy Std  |
| 1        | Sor Auc  | Sorbus aucuparia             | 14-16           | Ex Hvy Std  |

| Quantity | ID       | Latin Name         | Scheduled Size | height |
|----------|----------|--------------------|----------------|--------|
| 71       | Ligs vig | Ligustrum vulgare  | 1+2            | 60-80  |
| 47       | Ilx aqi  | Illex aquifolium   | 1+2            | 60-80  |
| 24       | Mal sls  | Malus sylvestris   | 1+2            | 60-80  |
| 24       | Co sng   | Cornus sanguinea   | 1+2            | 60-80  |
| 288      | Crt myc  | Crataegus monogyna | 1+2            | 60-80  |
| 24       | Cro avy  | Corylus avellana   | 1+2            | 60-80  |
| 24       | Acr cs   | Acer campestre     | 1+2            | 60-80  |
| 0        |          |                    |                |        |

| Quantity | ID      | Latin Name                     | Scheduled Size | Class Code | Density min p/m2 |
|----------|---------|--------------------------------|----------------|------------|------------------|
| 5        | Cis hyb | Cistus hybridus                | 3L             | 20-30      | 3                |
| 5        | Ger oxi | Geranium oxianum wargrave pink | 3L             | 20-30      | 4                |
| 4        | Lav Gro | Lavandula Grosso               | 3L             | 40-60      | 3                |
| 32       | luz syl | luzula sylvatica               | 3L             | 20-30      | 4                |
| 3        | Mah Cha | Mahonia x media 'Charity'      | 3L             | 40-60      | 2                |
| 0        |         |                                |                |            |                  |

| Quantity | ID      | Latin Name       | Grade |
|----------|---------|------------------|-------|
| 588      | Nar psd | Narcissus native | 10-12 |
| 0        |         |                  |       |

|                                                                                                  |      |        |         |
|--------------------------------------------------------------------------------------------------|------|--------|---------|
| Updated plan to architects plan<br>151236_JTP_00_XX_DR_A_0504_C09__Proposed Site.dwg             | em   | 220524 | B       |
| Updated plan to architects rev F. Included tree adjacent to bay 16 and<br>reduced hedging to SW. | em   | 120721 | A       |
| Notes                                                                                            | By   | Date   | Rev     |
| BY                                                                                               | CHKD | DATE   |         |
| EM                                                                                               | EM   |        | 26.3.21 |

|                    |                               |     |
|--------------------|-------------------------------|-----|
| DWG NO             | CLIENT                        | REV |
| R3-4460321-04-LA01 | G F TOMLINSON<br>AND SONS LTD | B   |

| TITLE                       | SCALE    |
|-----------------------------|----------|
| BARWELL SOFT LANDSCAPE PLAN | 1:200 A1 |