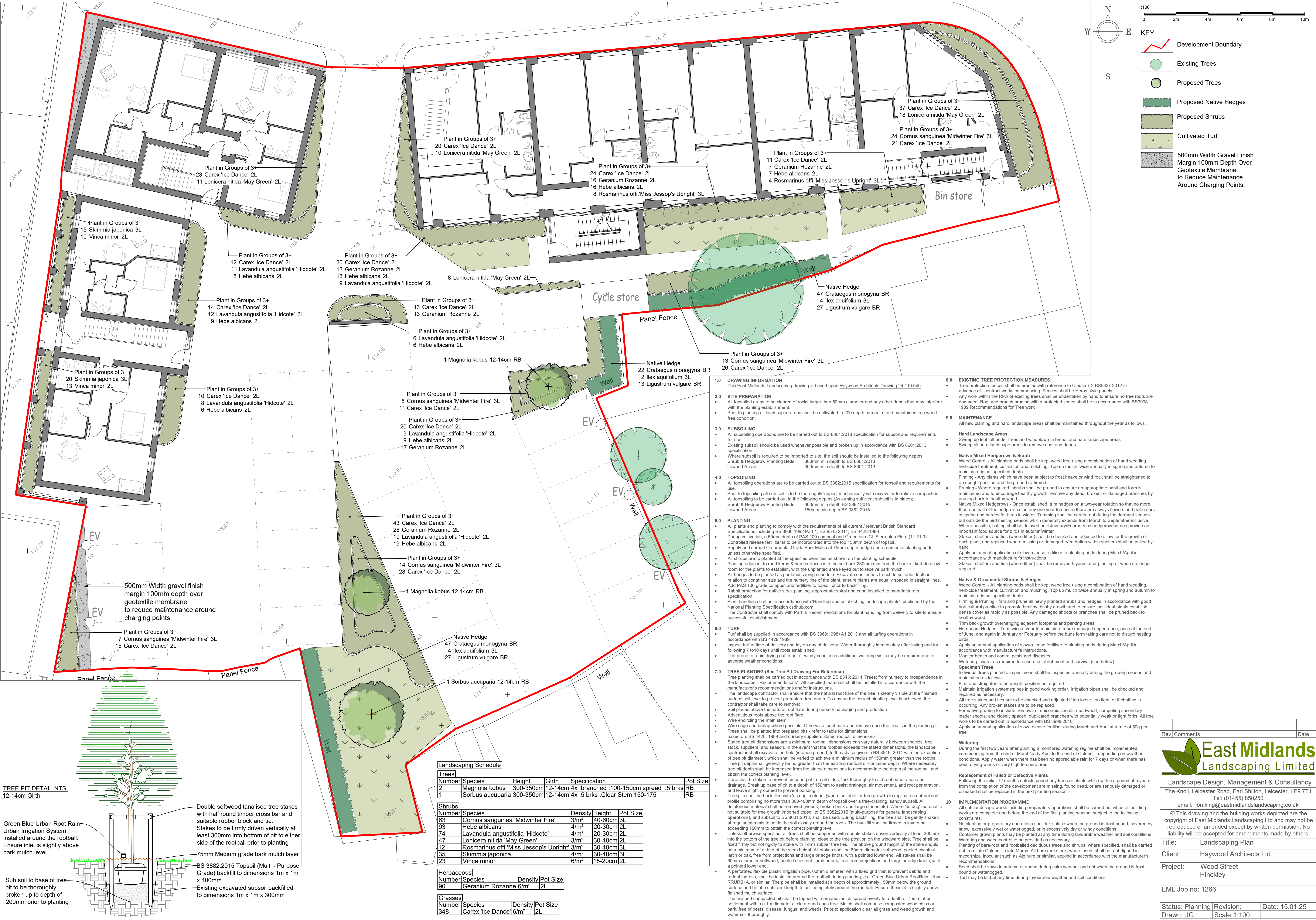




TREE PIT DETAIL NTS.
12-14cm Girth

Green Blue Urban Root Rain
Urban Irrigation System
installed around the rootball.
Ensure inlet is slightly above
bark mulch level

Double softwood tanalised tree stakes
with half round timber cross bar and
suitable rubber block and tie.
Stakes to be firmly driven vertically at
least 300mm into bottom of pit to either
side of the rootball prior to planting

75mm Medium grade bark mulch layer

BS 3882:2015 Topsoil (Multi - Purpose
Grade) backfill to dimensions 1m x 1m
x 400mm

Existing excavated subsoil backfilled
to dimensions 1m x 1m x 300mm

Sub soil to base of tree pit
to be thoroughly
broken up to depth of
200mm prior to planting

Landscaping Schedule

Trees					
Number	Species	Height	Girth	Specification	Pot Size
2	Magnolia kobus	300-350cm	12-14cm	4x :branched :100-150cm spread :5 brks	RB
1	Sorbus aucuparia	300-350cm	12-14cm	4x :5 brks :Clear Stem 150-175	RB

Shrubs					
Number	Species	Density	Height	Pot Size	
63	Cornus sanguinea 'Midwinter Fire'	3/m ²	40-60cm	3L	
93	Hebe albicans	4/m ²	20-30cm	2L	
74	Lavandula angustifolia 'Hidcote'	4/m ²	20-30cm	2L	
47	Lonicera nitida 'May Green'	3/m ²	30-40cm	2L	
12	Rosmarinus offi. 'Miss Jessop's Upright'	3/m ²	30-40cm	3L	
35	Skimmia japonica	4/m ²	30-40cm	3L	
23	Vinca minor	6/m ²	15-20cm	2L	

Herbaceous			
Number	Species	Density	Pot Size
90	Geranium Rozanne	6/m ²	2L

Grasses			
Number	Species	Density	Pot Size
348	Carex 'Ice Dance'	6/m ²	2L

1.0 DRAWING INFORMATION

This East Midlands Landscaping drawing is based upon Haywood Architects Drawing 24.110.04b

2.0 SITE PREPARATION

- All topsoiled areas to be cleared of rocks larger than 50mm diameter and any other debris that may interfere with the planting establishment.
- Prior to planting all landscaped areas shall be cultivated to 200 depth mm (min) and maintained in a weed free condition.

3.0 SUBSOILING

- All subsoiling operations are to be carried out to BS 8601:2013 specification for subsoil and requirements for use.
- Existing subsoil should be used whenever possible and broken up in accordance with BS 8601:2013 specification.
- Where subsoil is required to be imported to site, the soil should be installed to the following depths:
Shrub & Hedgerow Planting Beds: 300mm min depth to BS 8601:2013
Lawned Areas: 300mm min depth to BS 8601:2013

4.0 TOPSOILING

- All topsoiling operations are to be carried out to BS 3882:2015 specification for topsoil and requirements for use.
- Prior to topsoiling all sub soil is to be thoroughly 'rippled' mechanically with excavator to relieve compaction.
- All topsoiling to be carried out to the following depths (Assuming sufficient subsoil is in place):
Shrub & Hedgerow Planting Beds: 300mm min depth BS 3882:2015
Lawned Areas: 150mm min depth BS 3882:2015

5.0 PLANTING

- All plants and planting to comply with the requirements of all current / relevant British Standard Specifications including BS 3938:1992 Part 1, BS 8545:2014, BS 4428:1989
- During cultivation, a 50mm depth of PAS 100 compost and Greentech ICL Sierrablen Flora (11:21:9) Controlled release fertilizer is to be incorporated into the top 150mm depth of topsoil.
- Supply and spread Ornamental Grade Bark Mulch at 75mm depth hedge and ornamental planting beds unless otherwise specified.
- All shrubs are to be planted at the specified densities as shown on the planting schedule.
- Planting adjacent to road kerbs & hard surfaces is to be set back 250mm min from the back of kerb to allow room for the plants to establish, with the unplanted area keyed out to receive bark mulch.
- All hedges to be planted as per landscaping schedule. Excavate continuous trench to suitable depth in relation to container size and the nursery line of the plant, ensure plants are equally spaced in straight lines.
- Add PAS 100 grade compost and fertilizer to topsoil prior to backfilling.
- Rabbit protection for native stock planting, appropriate spiral and cane installed to manufacturers specification.
- Plant handling shall be in accordance with 'Handling and establishing landscape plants', published by the National Planting Specification csdhub.com.
- The Contractor shall comply with Part 3: Recommendations for plant handling from delivery to site to ensure successful establishment.

6.0 TURF

- Turf shall be supplied in accordance with BS 3969:1998+A1:2013 and all turfing operations in accordance with BS 4428:1989.
- Inspect turf at time of delivery and lay on day of delivery. Water thoroughly immediately after laying and for following 7 to 10 days until roots established.
- Turf prone to rapid drying out in hot or windy conditions additional watering visits may be required due to adverse weather conditions.

7.0 TREE PLANTING (See Tree Pit Drawing For Reference)

- Tree planting shall be carried out in accordance with BS 8545:2014 'Trees: from nursery to independence in the landscape - Recommendations'. All specified materials shall be installed in accordance with the manufacturer's recommendations and/or instructions.
- The landscape contractor shall ensure that the natural root flare of the tree is clearly visible at the finished surface soil level to prevent premature tree death. To ensure the correct planting level is achieved, the contractor shall take care to remove:
 - Soil placed above the natural root flare during nursery packaging and production
 - Adventitious roots above the root flare
 - Wire encircling the main stem
 - Wire cage and burlap where possible. Otherwise, peel back and remove once the tree is in the planting pit
- Trees shall be planted into prepared pits - refer to table for dimensions, based on: BS 4428:1989 and nursery suppliers stated rootball dimensions.
- Stated tree pit dimensions are a minimum; rootball dimensions can vary naturally between species, tree stock, suppliers, and season. In the event that the rootball exceeds the stated dimensions, the landscape contractor shall excavate the hole (in open ground) to the advice given in BS 8545:2014 with the exception of tree pit diameter, which shall be varied to achieve a minimum radius of 150mm greater than the rootball.
- Tree pit depths shall generally be no greater than the existing rootball or container depth. Where necessary tree pit depth shall be increased from the stated dimensions to accommodate the depth of the rootball and obtain the correct planting level.
- Care shall be taken to prevent smearing of tree pit sides, fork thoroughly to aid root penetration and drainage. Break up base of pit to a depth of 150mm to assist drainage, air movement, and root penetration, and leave slightly domed to prevent ponding.
- Tree pits shall be backfilled with 'as dug' material (where suitable for tree growth) to replicate a natural soil profile comprising no more than 300-400mm depth of topsoil over a free-draining, sandy subsoil. All deleterious material shall be removed (weeds, broken brick and large stones etc). Where 'as dug' material is not suitable for tree growth imported topsoil to BS 3882:2015 (multi-purpose for general landscaping operations), and subsoil to BS 8601:2013, shall be used. During backfilling, the tree shall be gently shaken at regular intervals to settle the soil closely around the roots. The backfill shall be firmed in layers not exceeding 150mm to obtain the correct planting level.
- Unless otherwise specified, all trees shall be supported with double stakes driven vertically at least 300mm into the bottom of the tree pit before planting, close to the tree position on the windward side. Tree shall be fixed firmly but not rigidly to stake with Toms rubber tree ties. The above ground height of the stake should be a minimum of a third of the stem height. All stakes shall be 60mm diameter softwood, peeled chestnut, larch or oak, free from projections and large or edge knots, with a pointed lower end. All stakes shall be 60mm diameter softwood, peeled chestnut, larch or oak, free from projections and large or edge knots, with a pointed lower end.
- A perforated flexible plastic irrigation pipe, 60mm diameter, with a fixed grid inlet to prevent debris and root ingress, shall be installed around the rootball during planting, e.g. Green Blue Urban RootRain Urban RRURB1A, or similar. The pipe shall be installed at a depth of approximately 150mm below the ground surface and be of a sufficient length to coil completely around the rootball. Ensure the inlet is slightly above finished mulch surface.
- The finished compacted pit shall be topped with organic mulch spread evenly to a depth of 75mm after settlement within a 1m diameter circle around each tree. Mulch shall comprise composted wood chips or bark, free of pests, disease, fungus, and weeds. Prior to application clear all grass and weed growth and water soil thoroughly.

8.0 EXISTING TREE PROTECTION MEASURES

- Tree protection fences shall be erected with reference to Clause 7.2 BS5837 2012 in advance of contract works commencing. Fences shall be Heras style panels.
- Any work within the RPA of existing trees shall be undertaken by hand to ensure no tree roots are damaged. Root and branch pruning within protected zones shall be in accordance with BS3998 1989 Recommendations for Tree work

9.0 MAINTENANCE

All new planting and hard landscape areas shall be maintained throughout the year as follows:

Hard Landscape Areas

- Sweep up leaf fall under trees and windblown in formal and hard landscape areas
- Sweep all hard landscape areas to remove dust and debris

Native Mixed Hedgerows & Scrub

- Weed Control - All planting beds shall be kept weed free using a combination of hand weeding, herbicide treatment, cultivation and mulching. Top up mulch twice annually in spring and autumn to maintain original specified depth
- Firming - Any plants which have been subject to frost heave or wind rock shall be straightened to an upright position and the ground re-firmed
- Pruning - Where required, shrubs shall be pruned to ensure an appropriate habit and form is maintained and to encourage healthy growth; remove any dead, broken, or damaged branches by pruning back to healthy wood
- Native Mixed Hedgerows - Once established, trim hedges on a two-year rotation so that no more than one half of the hedge is cut in any one year to ensure there are always flowers and pollinators in spring and berries for birds in winter. Trimming shall be carried out during the dormant season but outside the bird nesting season which generally extends from March to September inclusive. Where possible, cutting shall be delayed until January/February as hedgerow berries provide an important food source for birds in autumn/winter
- Stakes, shelters and ties (where fitted) shall be checked and adjusted to allow for the growth of each plant, and replaced where missing or damaged. Vegetation within shelters shall be pulled by hand
- Apply an annual application of slow-release fertiliser to planting beds during March/April in accordance with manufacturer's instructions
- Stakes, shelters and ties (where fitted) shall be removed 5 years after planting or when no longer required

Native & Ornamental Shrubs & Hedges

- Weed Control - All planting beds shall be kept weed free using a combination of hand weeding, herbicide treatment, cultivation and mulching. Top up mulch twice annually in spring and autumn to maintain original specified depth
- Firming & Pruning - firm and prune all newly planted shrubs and hedges in accordance with good horticultural practice to promote healthy, bushy growth and to ensure individual plants establish dense cover as rapidly as possible. Any damaged shoots or branches shall be pruned back to healthy wood
- Trim back growth overhanging adjacent footpaths and parking areas
- Hornbeam Hedges - Trim twice a year to maintain a more managed appearance; once at the end of June, and again in January or February before the buds form taking care not to disturb nesting birds
- Apply an annual application of slow-release fertiliser to planting beds during March/April in accordance with manufacturer's instructions.
- Monitor health and control pests and diseases
- Watering - water as required to ensure establishment and survival (see below)
- Specimen Trees
- Individual trees planted as specimens shall be inspected annually during the growing season and maintained as follows:
 - Firm and straighten to an upright position as required
 - Maintain irrigation systems/pipes in good working order. Irrigation pipes shall be checked and repaired as necessary.
 - All tree stakes and ties are to be checked and adjusted if too loose, too tight, or if chaffing is occurring. Any broken stakes are to be replaced
 - Formative pruning to include: removal of epicormic shoots, deadwood, competing secondary leader shoots, and closely spaced, duplicated branches with potentially weak or tight forks. All tree works to be carried out in accordance with BS 3998:2010.
 - Apply an annual application of slow release fertiliser during March and April at a rate of 50g per tree

Watering

- During the first two years after planting a monitored watering regime shall be implemented, commencing from the end of March/early April to the end of October - depending on weather conditions. Apply water when there has been no appreciable rain for 7 days or when there has been drying winds or very high temperatures.

Replacement of Failed or Defective Plants

Following the initial 12 months defects period any trees or plants which within a period of 5 years from the completion of the development are missing, found dead, or are seriously damaged or diseased shall be replaced in the next planting season.

10 IMPLEMENTATION PROGRAMME

- All soil landscape works including preparatory operations shall be carried out when all building works are complete and before the end of the first planting season, subject to the following constraints:
 - No planting or preparatory operations shall take place when the ground is frost bound, covered by snow, excessively wet or waterlogged, or in excessively dry or windy conditions
 - Container grown plants may be planted at any time during favourable weather and soil conditions.
 - Watering and weed control to be provided as necessary
- Planting of bare-root and rootballed deciduous trees and shrubs, where specified, shall be carried out from late October to late March. All bare root stock, where used, shall be root dipped in mycorrhizal inoculant such as Algimure or similar, applied in accordance with the manufacturer's recommendations.
- Seed shall be sown in autumn or spring during calm weather and not when the ground is frost bound or waterlogged.
- Turf may be laid at any time during favourable weather and soil conditions.



Landscaping Design, Management & Consultancy
The Knoll, Leicester Road, Earl Shilton, Leicester, LE9 7TJ
Tel: (01455) 850250
email: jon.king@eastmidlandslandscaping.co.uk

© This drawing and the building works depicted are the copyright of East Midlands Landscaping Ltd and may not be reproduced or amended except by written permission. No liability will be accepted for amendments made by others.

Title: Landscaping Plan
Client: Haywood Architects Ltd

Project: Wood Street
Hinckley

EML Job no: 1266

Status: Planning Revision: Date: 15.01.25
Drawn: JG Scale:1:100