PLANTING LANDSCAPE SPECIFICATION

PLANTING:

2.1 All plants and planting to comply with the requirements of all current / relevant British Standard specifications including BS 3936; Part 1 (1992), Part 2 (1990) and Part 4 (1984) and BS 5236 (1975) where applicable, BS4428 (1989) and the B/L1 / Nursery Trade Tender Document (5th Edition 1986). All plants to be supplied in accordance with the plant schedule. Any plant material planted outside the recognised planting season (Nov-Feb), to be containerised stock and supplied at the sizes specified.

TREE PLANTING:

3.1 A suitable method of foundation allowing for existing ground conditions is to be provided to accommodate the proposed tree planting. All trees are to be planted as shown ensuring a minimum of 5 metres from buildings and 3 metres from drainage and services. Where necessary root barriers to be installed (supplier Greenleaf or similar approval), as recommended by structural

3.2 Allow for the use of container grown stock during the period 1 April to 31 October and field grown stock from 1 November to 31 March.

4.0 TOPSOIL REQUIREMENTS:

4.1 To BS 3882 (2007) as qualified by full contract specification.
4.2 All areas shall be cultivated to a minimum depth of 150mm.
4.3 Full weed, rubbish and stones over 38mm gauge shall be removed.
4.4 Earth to be rolled as required and raked in two directions.

4.5 Applied to all newly planted areas, to manufacture's recommendations where appropriate;

Structure planting beds:	450mm depth
Heavy standard tree pits:	1500mm dia. x 900mm depth
Grass areas (incl. gardens):	150mm depth

4.6 Where necessary increase tree pit dimensions to ensure that tree pits are at least 75mm deeper and 150mm wider than root-ball.
4.7 Break up bottom of pits to a depth of 150mm.
4.8 Compacted glazed sides of pits should be roughened.

Full analysis of existing *and* imported topsoil required prior to use.

5.0 TOPSOIL IMPROVEMENTS:

5.1 Applied to all newly planted areas, to manufacturers' recommendations where appropriate;
1) Incorporate 75mm depth of soil conditioner into topsoil during cultivation;
2) Incorporate Alginure (Seanure Soilbuilder) Soil Improver approx. 1.5KG/m3 to tree pit backfill and 75g/m2 to shrub beds;
3) Incorporate Enmag (6:20:10) granular fertilizer approx 400g/m3 to tree pit backfill and 100g/m2 to structural / ornamental beds;
4) Watering: supply minimum 54 litres / tree and 4.5 litres / shrub at planting;
5) Mulch: tightly fork over planted areas before applying a 75mm depth 50-100mm grade bark mulch. Ornamental Bark to consist of predominantly matured British Pine Bark with an even nominal particle size distribution of 5-35mm with 0% dust & fines & less than 5% wood content. The product shall be pest, disease & weed free & not have been treated with Methyl Bromide or any additives. The product shall have been tested in accordance with the requirements of BS 4790: 1987, for fire resistance. NB - Watering to be carried out prior to application of bark mulch.

6.0 PLANT MATERIAL TREATMENT: (NB All to be British grown stock and fully hardened off).

6.1 Root Dip - Proprietary Root dip applied to all bare rooted stock (1) at time of lifting at nursery and (2) prior to planting.
6.2 Anti-Dessicant - Proprietary anti-dessicant to be applied to foliage of all containers / root-balled material in leaf, specimen conifers and evergreens etc. (1) prior to transportation and (2) during any delay in planting.
6.3 Pruning - Allow for pruning of all deciduous trees and shrubs by 1/3rd following planting at Landscape Architects direction or as indicated in the planting schedule.
6.4 Tree Stakes & Ties - Stakes to be pressure treated, round, smooth and peeled larch or Chestnut, not less than 100mm in diameter. Advanced nursery stock - double staked with cross bar.
6.5 Mulch/wood chippings / Reclaimed timber sleepers - Planters should be created with reclaimed railway sleepers, gravel and bark mulch / wood chippings used between beds to suppress weeds and allow for drought resistance planting beds.

7.0 TREE STAKES, TIES & GUARDS:

7.1 Trees planted within grassed areas to be provided with appropriate conical strimmer guards. Stakes to be pressure impregnated softwood, round, peeled, straight, free of projections and pointed at one end. Minimum length and thickness to be determined as follows;
Tree type: Ex / Heavy Standard
Min diameter: 100mm

Overall Height: 1.8m
Height exposed above ground: 0.6m
Number of Ties: 1

8.0 TURFED AREAS:

8.1 Turf to BS 3969 from an approved source. When topsoil is reasonably dry and workable, grade to smooth, flowing contours removing all minor hollows and ridges.
8.2 Cultivate soil to full depth and break up any compacted topsoil. Apply approved herbicide to control perennial weeds and allow period of time to elapse as recommended by manufacturer before final cultivation.
8.3 Apply proprietary fertiliser. Reduce top 25mm topsoil to a fine tilth by further cultivation.
8.4 Remove stones exceeding 50mm in any dimension. Lay turf with broken joints. Well butted up, working from planks laid on previously laid turves, during appropriate season and weather conditions. Adjust levels by raking out or filling with fine soil under turves.
8.5 Consolidate by lightly and evenly firming with wooden beaters as laying proceeds. Do not use rollers. Dress turf with fine topsoil and brush in to fill joints.
8.6 Thoroughly water completed turf within 24 hours of laying.

9.0 TURFED AND SEEDED AREAS: ESTABLISHMENT CUT:

9.1 Water all grass areas to maintain healthy growth. When grass is 50mm high remove debris, litter and any stones later in dry conditions cut grass to between 25-30mm, remove and dispose of

10.0 PROTECTIVE FENCING:

10.1 The contractor shall maintain fencing until all site works are completed. The contractor will then remove the fencing and reinstate the ground. The fencing will remain the property of the

10.2 Within the area so fenced, the existing ground level shall be neither raised nor lowered; all excavations shall then be carried out by hand.
10.3 The Local Planning Authority shall be advised in writing when the protective fencing has been erected so that it can be checked on site before development commences, and shall thereafter be maintained during the period of construction.

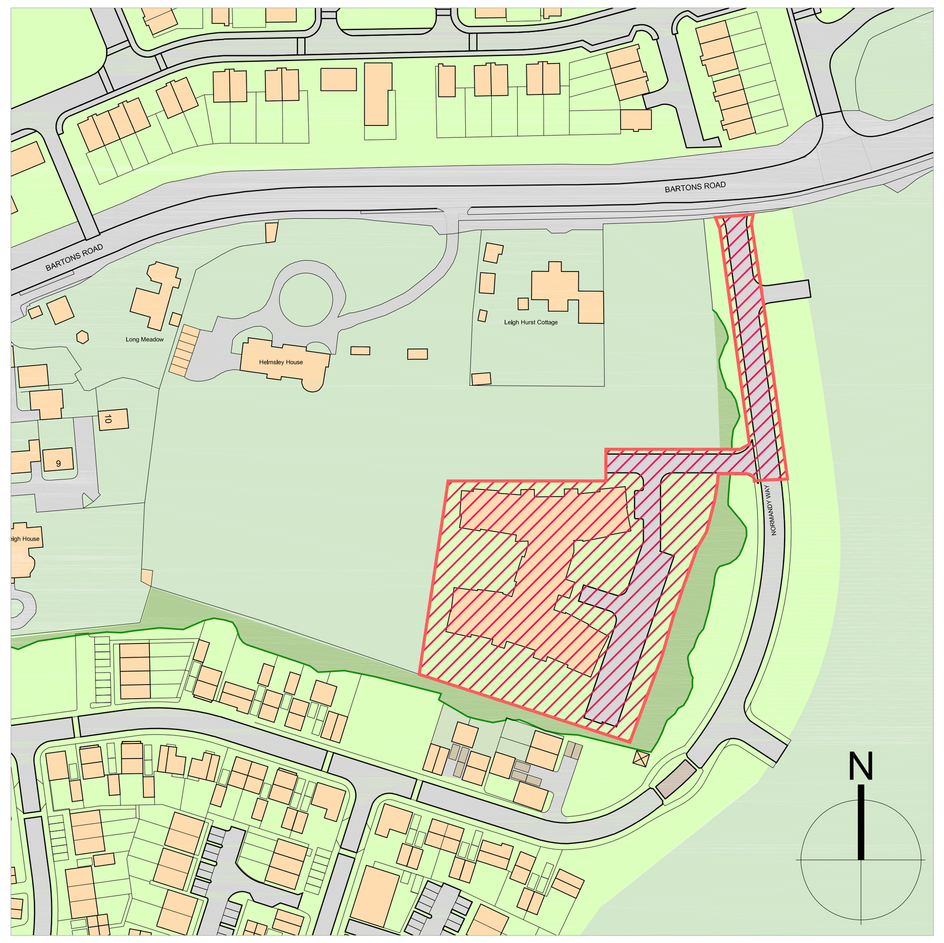
11.0 LANDSCAPE MANAGEMENT PLAN & MAINTENANCE:

11.1 Regular visits (minimum 8 No.) required during the defects liability period to maintain all planted areas in a weed and litter free condition using a combination of chemical spray and hand weeding to be agreed with the landscape sub-contractor. Maintenance to include watering, pruning, pest and disease control and re-mulching as required. Grass areas to be mowed at 2 week intervals during the growing season.
11.2 Structure planting areas shall be maintained as 'bare earth' non competitive weed free environment by repeated applications of a glyphosate based herbicide. Persistent weeds and unwanted scrub shall be spot treated as necessary with an alternative herbicide to be agreed with the landscape sub-contractor.
11.3 Watering shall be carried out as necessary to maintain healthy growth or as required by the landscape sub-contractor.
11.4 Final visit to be immediately prior to handing over and to include a fertilizer treatment of Enmag (6:20:10) at 100g/m2 and 25mm depth bark mulch top up to all planted areas.

12.0 SAFETY PRECAUTIONS:

12.1 The landscape sub-contractor is to take all safety precautions to prevent any injury to any persons. The landscape sub-contractor shall comply with the requirements of the Health & Safety at Work Act 1974 and current Construction, Design and Management Regulations.

Trees	
Removed	19
Trees Proposed	26



SITE LOCATION PLAN 1:2000@A1

PLANTING

All shubs 2-3 litres unless stated otherwise,
4nr per sqm, bark mulch to a depth of 50mm on completion.
Allow for infill hedges to match existing where indicated.

Tree species (T)

(T1)	Betula pendula (Silver birch)
(T2)	Prunus avium (Sweet cherry)
(T3)	Prunus padus (Bird cherry)
(T4)	Tilia cordata (Small-leaved lime)
(T5)	Acer campestre (Field maple)
(T6)	Sorbus torminalis (Wild service tree)
(T7)	Taxus baccata (English Yew)
(T8)	Acer pseudoplatanus (Sycamore maple)
(T9)	Magnolia Grandiflora Galissonière (Magnolia)

PLANTING BED TYPE

Type (A) -	Taxus (Irish Yew)
Type (B) -	Taxus (Blue John)
Type (C) -	Amelanchier lemarckii
Type (D) -	Corylus avellana
Type (E)	Crataegus monogyna (native)
Type (F) -	Mahonia japonica
Type (G) -	Ceanothus thyrsiflorus Repens
Type (H) -	Euonymus europaeus (spindle)
Type (I) -	Sambucus black lace
Type (J) -	Skimmia japonica (male only flowers)
Type (K) -	Abelia chinensis Bee bush
Type (L) -	Viburnum opulus - large shrub
Type (M) -	Syringa vulgaris
Type (N) -	Daphne transatlantica
Type (O) -	Viburnum lantana - large shrub
Type (P) -	Helictotrichon sempervirens, Echinacea purpurea 'Rubinstern', Monarda campanulata, Iris sibirica, Salvia officinalis 'Purpurascens', Stipa tenuissima, Syringa vulgaris, Laventer, Rosemary
Type (Q) -	Dryopteris affinis, Carex 'Bronze Reflection', Carex siderosticha 'Variegata', Carex 'Silver Sceptre', Stachys byzantina, Stipa gigantea, Thymus 'Fragrantissimus', Dryopteris filix mas, Athyerium filix femina, Dropteris dilatata
Type (R) -	Hydrangea serrata 'Bluebird', Acanthus mollis, Aster tataricus, Choisya ternata, Geranium 'Patricia', Lavandula angustifolia, Campanula, Comfrey, Delphinium, Foxglove
Type (S) -	Allium giganteum, Pennisetum setaceum 'Fireworks', Veronicastrum virginicum 'Fascination', Veronicastrum virginicum 'Album', Echinacea purpurea 'White Swan', Eryngium Alpinum Blue Star, Actaea pachypoda
Type (AL) -	Amenity Turf Lawn

GENERAL PURPOSE WOODLAND MIX - **(WM)**
A selection of grasses & Bulbs that are tolerant of shade.

Grasses

%	Latin name	Common name
12.5	Agrostis capillaris	Common Bent
2.5	Anthoxanthum odoratum	Sweet Vernal-grass (w)
8.75	Brachypodium sylvaticum	False Brome (w)
25	Cynosurus cristatus	Crested Dogstail
1.25	Deschampsia cespitosa	Tufted Hair-grass (w)
35	Festuca rubra	Slender-creeping Red-fescue
15	Poa nemoralis	Wood Meadow-grass
100	Total	

Sowing Rates

kg/ha	kg/acre	g/m2
50	20	5

Bulbs and Ferns: Woodland mix augmented by plug plants and bulbs as listed;
Bluebells, winter aconite, tussock sedge, wood sedge, wood rush, sweet woodruff, snowdrops pulmonaria, hellebores.

Also include native ferns and small shrubs mahonia

GENERAL PURPOSE MEADOW MIXTURE - **(MM)**
Wild Flowers

%	Latin name - Common name
2.5	Centaurea nigra - Common Knapweed
3	Daucus carota - Wild Carrot
3	Galium verum - Lady's Bedstraw
2	Leucanthemum vulgare - Oxeye Daisy
2.5	Malva moschata - Musk Mallow
1	Plantago lanceolata - Ribwort Plantain
2.5	Poterium sanguisorba - (Sanguisorba minor)
0.3	Prunella vulgaris - Selfheal
1.2	Rumex acetosa - Common Sorrel
2	Silene dioica - Red Campion
20	**Total**

Grasses

%	Latin name Common name
8	Agrostis capillaris - Common Bent
28	Cynosurus cristatus - Crested Dogstail
24	Festuca rubra - Slender-creeping Red-fescue
4	Phleum bertolonii - Smaller Cat's-tail
16	Poa pratensis - Smooth-stalked Meadow-grass
80	**Total**

Sowing Rates

kg/ha	kg/acre	g/m2
40	16	4

Legend:

- Proposed New Trees
- Existing Tree / Hedge to be retained
- Tree Protection Fencing (specification to CBA Arboricultural Method Statement).
- Existing ground vegetation
- Root Protection Zone (RPZ)
- Tree to be removed

0 1m 5m 10m 20m
Scale 1:200@A1

Revision

A	16-07-2020	LG	ISSUED - Draft Planning
B	16-07-2020	LG	Retaining wall annotation added
C	10-08-2020	LG	Material alteration to communal garden path
D	17-08-2020	JW	PLANNING ISSUE
E	25-08-2020	JW	PLANNING ISSUE. Application Boundary Updated.
F	13-10-2020	AB	PLANNING ISSUE. Tree numbers and species updated.
G	22-10-2020	JW	PLANNING ISSUE. Tree Protection Fencing added. Raised crossing updated. Disabled parking updated..

N

project name: HELMSLEY HOUSE, BARTONS ROAD, HAVANT
drawing reference: 64 BED RESIDENTIAL CARE HOME
PROPOSED LANDSCAPE PLAN
date: AUG 2020
sheet:
scale: 1:200@A1
drawn: AB
checked: JW
job number: M9437
drawing number: APL005
revision: G
status: PLANNING
cad ref: M9437_APL005_E_Proposed Landscape Plan_Helmsley Care_1-200@A1.dwg

Use figured dimensions only. All levels and dimensions to be checked on site. This drawing is to be read in conjunction with all other relevant drawings and specifications.
Hunters is a trading name of Hunter & Partners Limited.
© Hunter & Partners Limited. All rights reserved.

hunters
Space One Beadon Road
London W6 0EA
T 020 8237 8200
F 020 8741 2814
mail@hunters.co.uk
www.hunters.co.uk