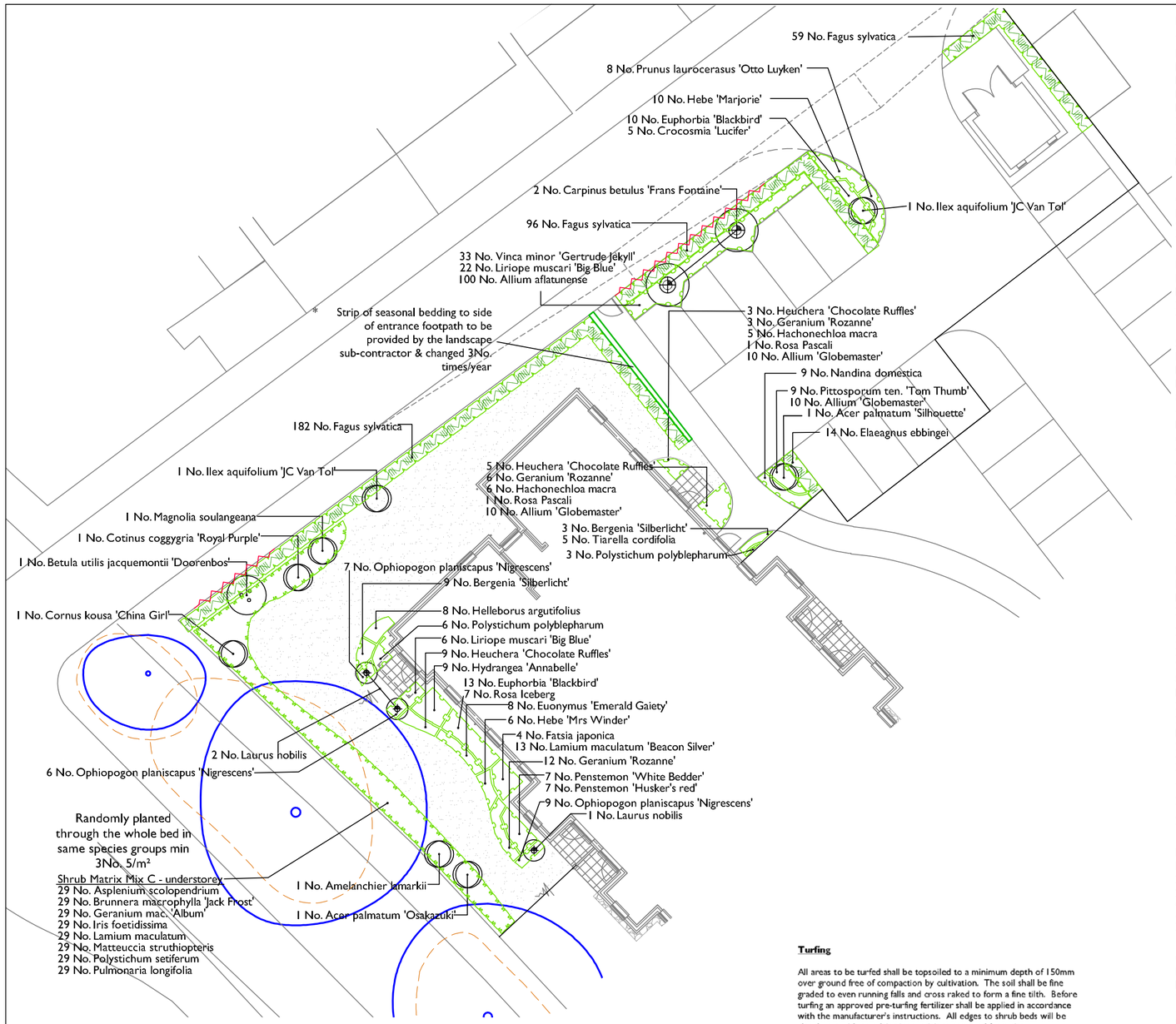


Turfing

All areas to be turfed shall be topsoiled to a minimum depth of 150mm over ground free of compaction by cultivation. The soil shall be fine graded to even running falls and cross raked to form a fine tilth. Before turfing an approved pre-turfing fertilizer shall be applied in accordance with the manufacturer's instructions. All edges to shrub beds will be cleanly cut with an edging iron, arisings removed from site.

Plant Schedules

Trees

Number	Species	Girth	Height	Pot Size	Specification
1 No.	Acer palmatum 'Osakazuki'		125-150cm	18L	C
1 No.	Acer palmatum 'Silhouette'		125-150cm	18L	C
1 No.	Amelanchier lamarkii		150-175cm	35L	C
1 No.	Betula utilis jacquemontii 'Doorenbos'		300-350cm	80L	Multi-Stemmed :C
2 No.	Carpinus betulus 'Frans Fontaine'	14-16cm	4.0-4.5m	80L	Extra Heavy Standard :C
2 No.	Ilex aquifolium 'JC Van Tol'		150-175cm	45L	C
3 No.	Laurus nobilis			35L	Standard :50cm head :C
1 No.	Magnolia soulangeana		125-150cm	45L	C

Total :12 No.

Conifers

Number	Species	Pot Size	Height
2 No.	Cupressocyparis leylandii 'Castlewellan'	15L	100-125cm

Total :2 No.

Hedges

Number of Plants	Species	Pot Size	Height	Specification	Density
14 No.	Elaeagnus ebbingei	3L	Selected to 80cm	C	5/m
337 No.	Fagus sylvatica	3L	Selected to 90cm	C	5/m

Total :351 No.

Shrubs

Number	Species	Pot Size	Height	Specification
1 No.	Cornus kousa 'China Girl'	45L	150-175cm	C
1 No.	Cotinus coggygria 'Royal Purple'	35L	100-125cm	C
8 No.	Euonymus 'Emerald Gaiety'	5L	20-30cm	C
4 No.	Fatsia japonica	15-20L	30-40cm	C
10 No.	Hebe 'Marjorie'	5L	20-30cm	C
6 No.	Hebe 'Mrs Winder'	5L	20-30cm	C
9 No.	Hydrangea 'Annabelle'	5L	40-60cm	C
9 No.	Nandina domestica	5L	40-60cm	C
9 No.	Pittosporum ten. 'Tom Thumb'	5L	20-30cm	C
8 No.	Prunus laurocerasus 'Otto Luyken'	5L	30-40cm	C
7 No.	Rosa Iceberg	5L	40-60cm	C
2 No.	Rosa Pascali	10L	100-125cm	C: Standard
33 No.	Vinca minor 'Gertrude Jekyll'	2L	15-20cm	C

Total :107 No.

Herbaceous

Number	Species	Pot Size	Specification
12 No.	Bergenia 'Silberlicht'	3L	Full Pot
29 No.	Brunnera macrophylla 'Jack Frost'	2L	Full Pot
5 No.	Crocosmia 'Lucifer'	3L	Full Pot
23 No.	Euphorbia 'Blackbird'	5-7.5L	Full Pot
21 No.	Geranium 'Rozanne'	3L	Full Pot
29 No.	Geranium mac. 'Album'	2L	Full Pot
8 No.	Helleborus argutifolius	2L	Full Pot
17 No.	Heuchera 'Chocolate Ruffles'	3L	Full Pot
29 No.	Iris foetidissima	2L	Full Pot
29 No.	Lamium maculatum	2L	Full Pot
13 No.	Lamium maculatum 'Beacon Silver'	2L	Full Pot
28 No.	Liriope muscari 'Big Blue'	3L	Full Pot
22 No.	Ophiopogon planiscapus 'Nigrescens'	2L	Full Pot
7 No.	Penstemon 'Husker's red'	3L	Full Pot
7 No.	Penstemon 'White Bedder'	3L	Full Pot
29 No.	Pulmonaria longifolia	2L	Full Pot
5 No.	Tiarella cordifolia	2L	Full Pot

Total :313 No.

Ferns

Number	Species	Pot Size	Specification
29 No.	Asplenium scolopendrium	2L	Full Pot
29 No.	Matteuccia struthiopteris	2L	Full Pot
9 No.	Polystichum polyblepharum	2L	Full Pot
29 No.	Polystichum setiferum	2L	Full Pot

Total :96 No.

Grasses

Number	Species	Pot Size	Specification
11 No.	Hachonechloa macra	3L	Full Pot

Total :11 No.

Bulbs

Number	Species
30 No.	Allium 'Globemaster'
100 No.	Allium aflatunense

Total :130 No.

SALES ENTRANCE PLANTING:

2No. 1.5m spiral cypress trees in 49cm Versailles hardwood timber planters www.primrose.co.uk or similar approved with sufficient numbers of single colour seasonal bedding plants to fill the space around the stem of each tree. Bedding to be replaced 3No. times through the year. Boxes supplied with sufficient compost and 'swellgell' to plant trees and bedding.

Key

- Existing trees with root protection areas
- Grass - turf
- Proposed hedge
- Proposed shrub mix
- Proposed ornamental shrub planting
- Proposed tree standard
- Proposed tree extra heavy standard 14-16cm girth
- Proposed tree multi stemmed
- Large specimen shrub
- Council requirement: Greentech GT 260 root barrier 2.25 x 25m Cut on site to 1.1m depth

Rev.	Date		Drawn	Checked
A	23.04.18	Added root barrier to northern boundary	TM	IB

Sales Entrance Planting

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Planting specification

*Prior to supply and spreading of topsoil, all subsoil areas are to be ripped (subject to site specific geology) to alleviate compaction and improve aeration in accordance with BS 3882:2015 British standard for Topsoil, Annex A Recommendations for stripping, handling and preparing topsoil.

Topsoil

The topsoil is to comply with the British Standard BS 3882:2015 definition for Multipurpose grade topsoil, and is to be accompanied with a test certificate and horticultural analysis summary for approval by the landscape architect prior to delivery to site.
Provide a minimum of one week's notice.

Shrub areas are to receive topsoil minimum 450mm depth after compaction. Grass areas to receive minimum 150mm depth after compaction.

Shrub planting

PLANTS - GENERAL

- Condition: Materially undamaged, sturdy, healthy and vigorous.
- Appearance: Of good shape and without elongated shoots.
- Hardiness: Grown in a suitable environment and hardened off.
- Health: Free from pests, diseases, discoloration, weeds and physiological disorders.
- Budded or grafted plants: Bottom worked.
- Root system and condition: To requirements of National Plant Specification and balanced with branch system.

All shrubs shall be set out to the positions shown on the drawing and to the densities given. All stock shall comply with the specification provided on the drawing. Plants unobtainable or known to be likely to be unobtainable at time of ordering: Submit alternatives, stating: Price; difference from specified plants/ trees. Obtain approval before making any substitution.
All shrub beds shall be topped up with good quality topsoil to ensure 450mm planting depth the base ground being thoroughly broken up before placement. Tree and shrub planting compost shall be spread to a minimum depth of 50mm and in addition evenly spread, 70 -140g/m² Osmocote, Sierrablen Flora 15-9-9 + 3% MgO granular controlled release, or similar approved, thoroughly working in during cultivation.
Excavate shrub planting pits 150 mm wider than roots when fully spread. Backfill with excavated material.
After planting thoroughly water immediately without damaging or displacing plants or soil.
Lightly firm soil around plants and fork and/ or rake soil, to a fine tilth with gentle cambers and no hollows. Avoid damaging plants. Mulch planting all beds to a depth of 75mm with ornamental Bark Mulch 5-35mm with minimal dust and fines and less than 5% wood content. The mulch should be free of pests, disease, fungus and weeds.

Hedges

Hedge trenches are to be 450mmx450mmx450mm the base of which shall be broken up prior to returning the backfill mixture. This shall comprise two parts topsoil to one part tree and shrub planting compost. Stock shall be planted at the distances given in the schedules 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 equal approved shall be spread over the trench. All stock shall be thoroughly watered in.

Trees

All plant material is to be inspected by the landscape architect prior to delivery to site. Provide a minimum of one week's notice.
Trees shall be set in pits 1200mm dia x 900mm depth, backfilled with a mixture of approved topsoil and tree and shrub planting compost at the rate of one part compost to two parts topsoil and 70 - 140g/m² Osmocote, Sierrablen Flora 15-9-9 + 3% MgO granular controlled release, or similar approved .
Each tree shall be planted to the original depth and secured by two stakes 1.4m in length and a timber cross bar with soft rubber block and belting. After planting all trees shall be watered in and a mulch layer of Ornamental Bark Mulch 5-35mm with minimal dust and fines and less than 5% wood content spread over the tree pit to 50mm depth. Allow one clear spiral guard and one 2.5m x 35mm Root rain Metro watering pipe per tree. - Supplier Greentech Tel: 01423 332100 or similar approved.

NORTH

SMEEDEN FOREMAN

Project	McCarthy & Stone, South Shields SF 2521
Title	Enhanced planting
Scale	1:200 @A2 Drawn by TM
Date	June 2016 Checked IB
Drawing No.	NE-2086-05-LA-02 Rev A

Landscape Architects - Urban Designers
Ecologists - Horticulturists

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