

#### LANDSCAPING SPECIES

##### SHRUBS (All shrubs to be of Nursery Quality)

Tall	(Plant at 3 per m. - Min 2 Litre Pots)	2M
B.d.f.	Berberis Dorvilii	2M
B.d.v.	Buddleia Davidii	2M
C.s.	Cornus Stolonifera	2M
E.p.m.	Eleagnus Pungens Maculata	2M
F.l.s.	Forsythia Intermedia Spectabilis	2.5M
P.w.	Pyracantha Waietii	2M
S.a.	Spiraea Anglica	1.5M
V.t.	Viburnum Tinus	2M
W.f.	Weigela Florida	2M

##### Medium

(Plant at 5 per m. - Min 3 Litre Pots)	0.8M
B.t.a.	Berberis Thunbergii Atropurpurea
C.p.	Cyrtus Froeox
H.a.g.	Hebe Autumn Glory
H.n.	Hypericum Hidcote
M.a.	Mahonia Aquifolium
P.a.	Potentilla Atrascilla
R.t.	Rosa Rugosa
S.g.	Seneoia Sunshine
S.g.f.	Spiraea Gold Home
V.d.	Viburnum Davidii

##### Low

(Plant at 9 per m.) To be block planted to give visual effect. - Min 5 Litre Pots)	0.3M
C.d./s	Coloneaster Dammerii/Skogstochm
E.f.r.	Euonymus Fortunii Emerald & Gold
H.n.s.	Hedera Helix Saggittifolia
H.c.	Hypericum Calceyuum
J.s.t.	Juniperus Sabina Tomonkifolia
L.m.	Lavandula Munstead
L.p.	Lonicera Pleura
P.m.	Perenithya Mucronata
V.m.	Vinca Major

Hedges - Hedge planting to be longeica nitida. Plant in a single row 4 per metre or staggered double row 6 per metre.  
Minimum 2l pots. 1.2m - 1.5m M

Rev A: Species information added 10.11.16  
Revisions:

## Residential Development

at  
The Mallards  
Mallard Way  
Slaiithwaite  
Huddersfield  
HD7 5JL  
for A. Joyce

## Proposed Landscaping Layout

## Farrar Bamforth Associates Ltd.

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Drawn	SLG
Date	September 2015
Scales	1:200 @ A2
Drawing No.	14/D38/09
	Rev. A



#### LANDSCAPING - GENERAL SPECIFICATION

##### TOPSOIL

Topsoils to be thoroughly cultivated prior to planting and any large stones, grass sod and other rubbish removed. Construction debris or any contamination, as a result of cement or other construction spillage to be removed. Topsoil surfaces are to be evenly mixed into any subsoil for landscaping. Topsoil shall comply with the current BS3882 (2007).  
Depth of topsoil shall be a minimum of 450mm depth after settlement, including over subsoil. For blend beds less than 1m width topsoil depth shall be 600mm. All areas shall have any compaction thoroughly relieved prior to topsoiling.

##### COMPOST

Compost to meet the minimum standards of BS PAS 100, and specification limits on stones, weed seeds and physical and chemical contaminants. The compost shall contain no substances toxic to animals or plants and possess no objectionable odours. The compost shall be of a friable texture and without excessive moisture, so that it can easily be blended and applied. No fertilisers or other conditioners shall be added to the compost unless specified.

##### PLANT MATERIAL

All plant material shall be a minimum conform to the most recent of the following BS's or the equivalent European Standards: BS3936 PL 1 1992 (trees and shrubs); Pt 2 1990 A1 90 (roses); Pt 3 1990 C95 (fruit, soft and tree fruit); Pt 4 1984 C 89 (forest trees) Pt 9 1998 (bulbs, corms and tubers); Pt 10 1989 (groundcover plants). The plant material shall also meet the National Plant Specification standards.

Packaging and delivery of plant material shall be in accordance with the Code of Practice published by the JCU, and shall be adequately stored and protected prior to planting.

##### Species

Species and size of plant material is to comply with the accompanying schedule. The contractor is to obtain approval before substituting any of the species listed, otherwise the substitutes may be rejected.

##### Trees

All trees shall have a sturdy, reasonably straight stem and an evenly balanced head with a clearly defined leader and well balanced root system. Any root bled or bore rooted stock is to be planted in the recognised planting season (Nov 2008-March 2009).  
Outside the planting season only container grown trees may be planted.

##### Tree Pits

Tree pits shall be sufficiently large to accommodate the root ball of the tree. Generally tree pits shall be 1m depth, 800 x 800mm for heavy standard trees. Irrigation pipes Koorikrain Metro R12 with fixing bracket to one support stake, ensuring filter cap rises slightly above mulch. Tree pit bases to be loosened and shall be backfilled with topsoil and compost mix as described. For container grown trees the pits should accommodate the container comfortably. Any space around the container ball should be backfilled with good quality topsoil and the soil to be worked in well around all the roots. Firm the soil down approximately every 15cm until the soil is level with the root collar of the tree.

##### Tree Support

Unless otherwise stated, standard trees and larger shall be supported by 2 no. stakes 1800mm long driven into the ground 600mm depth or driven 700mm through sidewalk cover opening; 50 x 75 cross brace fixed at 25mm below stake tops and tree secured by 1 no. rubber spacer and tie.

##### Shrubs and Herbaceous Plants

These shall be first quality well rooted, non-refrigerated stock with well developed branch and root system and not pot-bound. Shrubs and herbaceous plants shall be pit-plied with 1 no. slow release fertiliser tablet at spacings indicated.

##### Watering

All planting is to be well watered on completion.

##### All planting to conform to the current BS 4428 (1989 A1 91), and be guaranteed for the first growing season and a show of leaf in the second.

##### Maintenance

The contractor is to carry out maintenance to the planted areas for the first 5 years after Practical Completion. This shall include fortnightly visits between March-October inclusive and once monthly between November-February inclusive. At each visit all weeds to be removed by hand including the root. The ground shall be watered to field capacity in dry periods and to ensure all good establishment. Any broken or dead branches to be pruned off carefully. Remove all litter and rubbish at each visit. Check all tree stakes and ties and repair as necessary.

##### SEEDING

Seeded areas to have minimum 150mm depth of topsoil and be thoroughly cultivated with all rubbish, weeds, roots and stones over 30mm removed to contractor's own tip. The ground surface is to be brought to a smooth firm fine till free from humps and hollows to finish 25mm above surrounding hard surfaces.

Seed is to be spread in 2 no. batches in transverse directions and raked into the soil. An appropriate fertiliser is to be spread at the manufacturer's recommended rate at the time of the first cut.

The first cut shall be made when growth has reached 100mm and the height reduced to 25mm. Subsequent cuts shall be made when growth has reached 50mm and height reduced to 25mm. Seed is to be a low maintenance ornamental mix spread at manufacturer's recommended rate and to be ARCADE certified, complying with requirements of BS4428 (1989 A1 91).

##### Maintenance

The contractor is to carry out maintenance and grass cutting to the sward for 5 years after Practical Completion. This shall include fortnightly cuts reducing sward height to 25mm between March and October and once monthly from November and February inclusive. Any areas of poor germination shall be treated as necessary and over seeded at the contractor's expense. The sward will be considered complete when all areas are covered with growing grass.

##### MULCH

All shrub beds shall be mulched with a minimum depth of 75mm approved matured conifer bark with an even nominal particle size of 5-35mm with <5% dust and fines and less than 15% wood content. The mulch will be past and disease free and not have been treated with methyl bromide or any additives. The pH shall be between 4.5-5.5. The depth shall be maintained at the edges and kerbs by scooping out topsoil along the kerb edge. Contractor is to ensure that the soil is CLEAN, MOIST AND FREE FROM WEEDS immediately prior to spread of mulch. All areas shall be thoroughly watered prior to mulching if soil conditions are dry.

##### Maintenance

The full 75mm depth of mulch is to be maintained during the 5 years following Practical Completion. Sweep up any mulch on car park areas and footpaths and return to shrub beds.