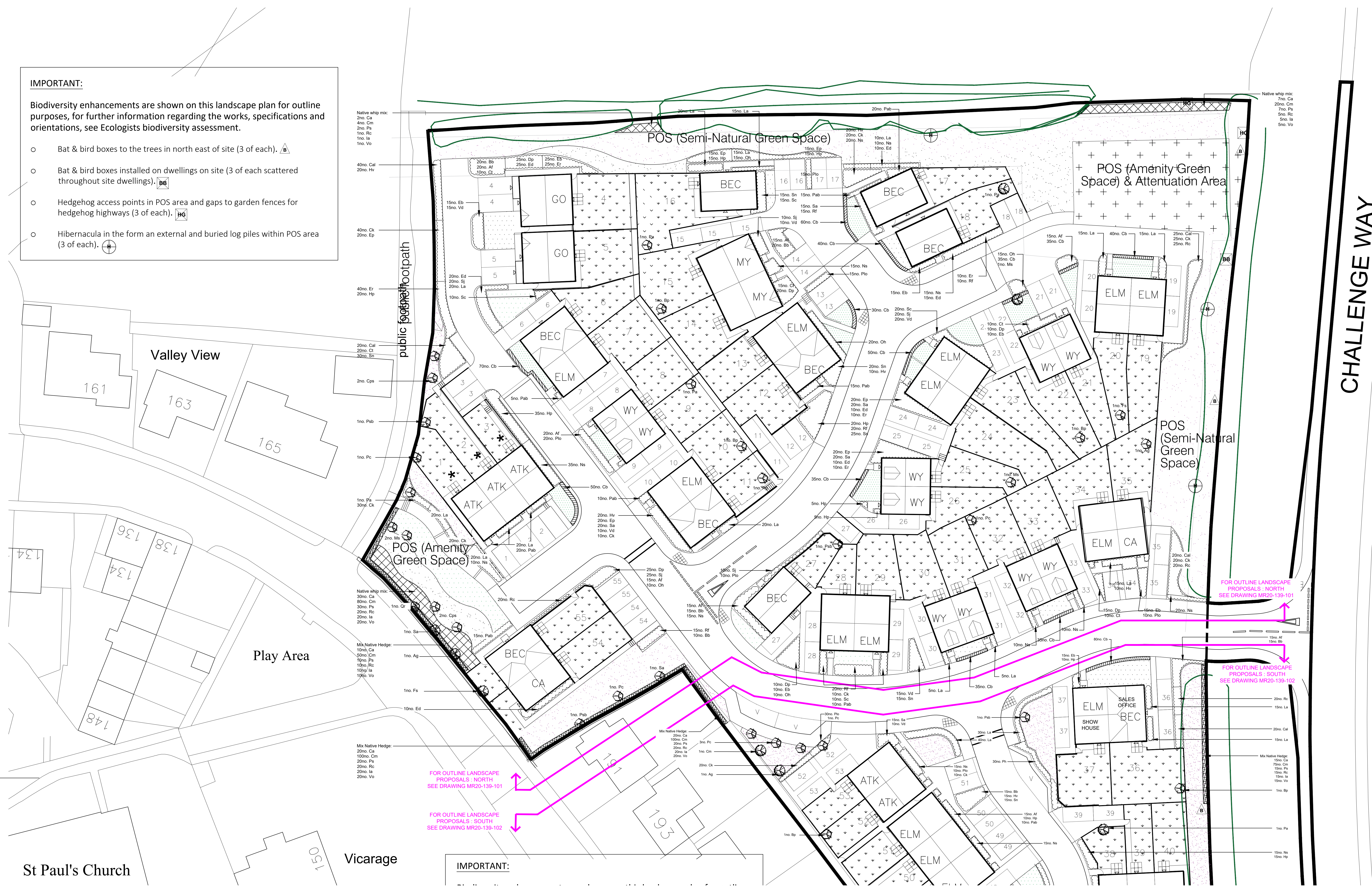
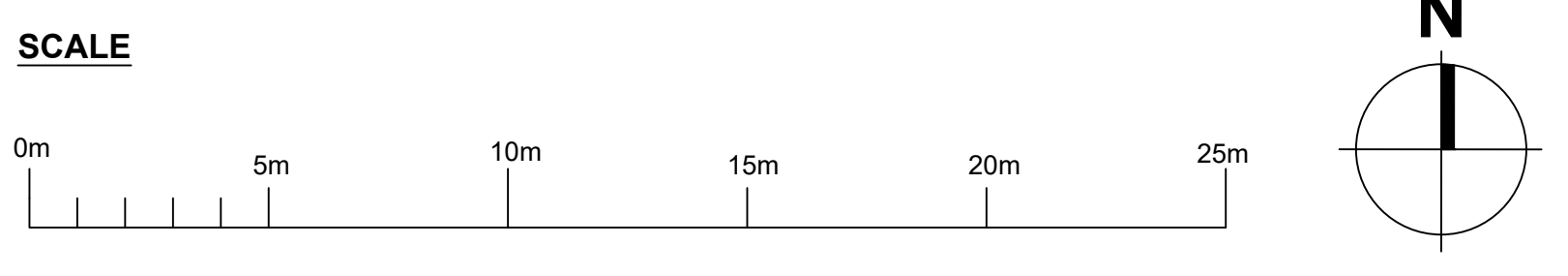


- IMPORTANT:**
- Biodiversity enhancements are shown on this landscape plan for outline purposes, for further information regarding the works, specifications and orientations, see Ecologists biodiversity assessment.
- Bat & bird boxes to the trees in north east of site (3 of each).
 - Bat & bird boxes installed on dwellings on site (3 of each scattered throughout site dwellings).
 - Hedgehog access points in POS area and gaps to garden fences for hedgehog highways (3 of each).
 - Hibernacula in the form an external and buried log piles within POS area (3 of each).



- KEY:**
- HARD LANDSCAPE SCHEDULE**
- PROPOSED BUILDINGS & BOUNDARIES:** Proposed buildings. See Constaphone + Wright Architects drawings for details. Includes all hard standing areas, levels and boundary treatments.
 - PROPOSED BAT BOXES:** Proposed bat boxes. Locations and quantities shown as indicative and to be approved by Client, Architect, Ecological consultants and LPA. Install all products as per manufactures and Ecologist specification. See 'Enhance' Ecologist's document for further details.
 - PROPOSED BIRD BOXES:** Proposed bird boxes. Locations and quantities shown as indicative and to be approved by Client, Architect, Ecological consultants and LPA. Install all products as per manufactures and Ecologist specification. See 'Enhance' Ecologist's document for further details.
 - PROPOSED HEDGEHOG ACCESS POINTS:** Proposed hedgehog access points. Locations and quantities shown as indicative and to be approved by Client, Architect, Ecological consultants and LPA. Install all products as per manufactures and Ecologist specification. See 'Enhance' Ecologist's document for further details.
 - PROPOSED HIBERNACULA POINTS:** Proposed hibernacula points. Locations and quantities shown as indicative and to be approved by Client, Architect, Ecological consultants and LPA. Install all products as per manufactures and Ecologist specification. See 'Enhance' Ecologist's document for further details.
- SOFT LANDSCAPE SCHEDULE**
- PROPOSED NATIVE EXTRA HEAVY STANDARD TREE PLANTING:** Native Extra Heavy Standard (EHS) trees to improve bio-diversity, structure and interest through fruit, blossom and autumn colour. 14-16cm girth, total height min 4.25m, tree pit to be 900 x 900mm x depth of root. Double timber stake for support, pit drainage as required. See specification for species details.
 - PROPOSED STANDARD (SELECTED) TREES:** Standard (Selected) Trees to improve bio-diversity, structure and interest. Bareroot, 3 - 3.5m height, 1.5m clear stem, tree pit to be 700 x 700mm x depth of root. Double timber stake for support, pit drainage as required. See specification for species details.
 - PROPOSED SINGLE SPECIES HEDGE:** Single species hedge to improve bio-diversity and add instant structure. Use bare root 1.0 - 1.2m high, planted in double staggered row. Until hedge becomes established use LBS Horticultural Supplies' staking wire, securing clips and bamboo canes to each plant for additional support and restrict access through maturing / establishing hedge. Call 01282 873333. See specification for species details.
 - PROPOSED MIXED NATIVE HEDGEROW / WHIP PLANTING:** Mixed native hedgerow/whip planting to improve bio-diversity, create a dense buffer while creating new habitats for wildlife and softening boundaries. Comprising of feathered whips 0.45-1m high, bare rooted, planted in double staggered row, single species groups of 5-10. All plants to have shelters and canes for rabbit protection. To include evergreen species. See specification for species details and numbers.
 - PROPOSED NATIVE WHIP PLANTING:** Native whip planting to create a dense woodland buffer and support the boundaries while improving bio-diversity and habitat creation. Comprising of feathered whips 0.45-1m high, bare rooted, includes evergreens planted at 1/m2. All whips to have shelters and canes for rabbit protection. See specification for species details and numbers.
 - PROPOSED ORNAMENTAL SHRUB PLANTING:** Low maintenance, low growing shrub planting to provide all year interest, colour and structure while improving bio-diversity and habitat creation. More ornamental planting to internal areas of the site with more native and evergreen species to boundaries. To include natives, evergreens, perennials, ornamental grasses and block planting. Groundcover 3L. Container size at 3.5m2. See specification for species details and numbers.
 - PROPOSED HERITAGE GRASS AND WILDFLOWER SEED MIX:** Low maintenance grass and wildflower seed mix to support existing retained grasslands and woodland at the boundaries, create semi-natural public open spaces and improve habitat creation. Erosogate Seeds EHS Seed mix ideal for country parks, nature reserves and public open spaces to soften edges and assist in integrating the proposals into the wider landscape.
 - PROPOSED WETLAND MEADOW MIX:** Proposed wetland seed mix to be installed to attenuation Area to support existing retained grasslands. Use Erosogate EMS Seed Mix. Or similar to be approved.
 - LOW MAINTENANCE TURF:** Hard wearing, slow growing, drought tolerant, low maintenance turf to plots front gardens and public open spaces. Use Rolawn, Medalion. Tel: 0845 604 6050. Or similar to be approved.
 - REAR GARDENS TO BE ROTAVATED:** All plot rear gardens to be rotavated to make topsoil smooth surface that can be worked in preparation for owners own turf/grass seed.
 - EXISTING TREES AND VEGETATION TO BE RETAINED:** Existing trees and vegetation to be retained. See Enhance Ecological Impact Assessment and Biodiversity Net Gain Assessment. All construction work adjacent to trees to be in accordance with BS 5837:2012 Trees in relation to design, demolition and construction recommendations.

- PLANTING & DRAWING NOTES:**
- All landscape works to be carried out in accordance with Landscape Specification shown.
 - All planting implementation to be carried out in the first planting season unless an alternative phasing scheme has been approved by the Local Authority.
 - All construction work adjacent to trees to be in accordance with BS 5837:2012 Trees in relation to design, demolition and construction recommendations.
 - No machine works to be carried out within the Root Protection Areas.
 - Fencing should be erected prior to the commencement of works on site.
 - All plant material to be supplied in accordance with HTA National Plant Specification and Nursery Certification Scheme.
 - All subsoil to proposed planting areas to be well broken to aid free draining. Topsoil to be ameliorated to 100mm depth with shrub compost worked into topsoil 200mm depth.
 - Topsoil depth to new shrub planting areas to be minimum 300mm, topsoil depth to new lawns to be minimum 100mm, topsoil depth to new seeded areas to be minimum 150mm.
 - All EHS tree pits to be minimum 900mm x 900mm x depth of root base. Allow for double timber stake and pit drainage as required.
 - All planting areas to be maintained weed free and watered at appropriate / necessary periods during establishment of plants.
 - Following planting, ornamental planted areas to receive 75mm depth ornamental grade bark mulch.
 - If within a period of five years from the date of the planting of any tree/hedge/shrub that tree/hedge/shrub, or any replacement, is removed, uprooted or destroyed or dies, or becomes, in the opinion of the Local Planning Authority, seriously damaged or defective, another tree/hedge/shrub of the same species and size as that originally planted shall be planted in the same location as soon as reasonably possible and no later than the first available planting season, unless otherwise agreed in writing by the Local Planning Authority.



LANDSCAPE SPECIFICATION.							
No.	% Mix	Species Name	Pot Size	Height	Density	Specification	
EHS Native Trees							
1	Ag	Alnus glutinosa	RB	4.25 - 6m	As shown	Extra Heavy Standard, 14-16cm girth, min 5 brks	
1	Fs	Fagus sylvatica	RB	4.25 - 6m	As shown	Extra Heavy Standard, 14-16cm girth, min 5 brks	
1	Ms	Malus sylvestris	RB	4.25 - 6m	As shown	Extra Heavy Standard, 14-16cm girth, min 5 brks	
1	Sa	Sorbus aucuparia	RB	4.25 - 6m	As shown	Extra Heavy Standard, 14-16cm girth, min 5 brks	
Standard (selected) Trees							
2	Ag	Alnus glutinosa	BR	3 - 3.5m	As shown	10-12cm girth, min 3 brks, 1.5m clear stem	
3	Bp	Betula pendula	BR	3 - 3.5m	As shown	10-12cm girth, min 3 brks, 1.5m clear stem	
4	Cps	crataegus 'pauls scarlet'	BR	3 - 3.5m	As shown	10-12cm girth, min 3 brks, 1.5m clear stem	
1	Fs	Fagus sylvatica	BR	3 - 3.5m	As shown	10-12cm girth, min 3 brks, 1.5m clear stem	
3	Ms	Malus sylvestris	BR	3 - 3.5m	As shown	10-12cm girth, min 3 brks, 1.5m clear stem	
3	Pa	Prunus avium	BR	3 - 3.5m	As shown	10-12cm girth, min 3 brks, 1.5m clear stem	
3	Pc	Pyrus calleryana Chanticleer	BR	3 - 3.5m	As shown	10-12cm girth, min 3 brks, 1.5m clear stem	
3	Psb	Prunus 'Sunset Boulevard'	BR	3 - 3.5m	As shown	10-12cm girth, min 3 brks, 1.5m clear stem	
1	Qr	Quercus rober	BR	3 - 3.5m	As shown	10-12cm girth, min 3 brks, 1.5m clear stem	
1	Sa	Sorbus aucuparia	BR	3 - 3.5m	As shown	10-12cm girth, min 3 brks, 1.5m clear stem	
Single Species Hedge							
515	Cb	Carpinus betulus	BR	1.0 - 1.2	7lin meter	Bushy, planted in double staggered row to create hedge	
Mixed Native Hedge							
30	10%	Corylus avellana	B	60 - 80cm	6linear m	Branched, min 3 brks. Planted in groups of 3-5	
150	50%	Crataegus monogyna	B	80 - 100cm	6linear m	Transplant 1+1. Planted in groups of 5-10	
30	10%	Prunus spinosa	B	60 - 80cm	6linear m	Branched, min 2 brks, 1+1. Planted in groups of 3-5	
30	10%	Rosa canina	B	45 - 60cm	6linear m	Branched, min 2 brks, 1+1. Planted in groups of 3-5	
30	10%	Salix alba	B	45 - 60cm	6linear m	Branched, min 2 brks, 1+1. Planted in groups of 3-5	
30	10%	Viburnum opulus	B	45 - 60cm	6linear m	Branched, min 2 brks, 1+1. Planted in groups of 3-5	
Mixed Native Whips							
39	15%	Corylus avellana	B	45 - 60cm	1/m2	Branched, min 3 brks. Planted in groups of 3-5	
104	40%	Crataegus monogyna	B	45 - 60cm	1/m2	Transplant 1+1. Planted in groups of 5-10	
39	15%	Prunus spinosa	B	45 - 60cm	1/m2	Branched, min 2 brks, 1+1. Planted in groups of 3-5	
26	10%	Rosa canina	B	45 - 60cm	1/m2	Branched, min 2 brks, 1+1. Planted in groups of 3-5	
26	10%	Salix alba	B	45 - 60cm	1/m2	Branched, min 2 brks, 1+1. Planted in groups of 3-5	
26	10%	Viburnum opulus	B	45 - 60cm	1/m2	Branched, min 2 brks, 1+1. Planted in groups of 3-5	

Groundcover Shrubs							
100	Af	Agastache foeniculum	3L	30 - 40cm	4/m2	Bushy, planted in groups of 7-9	
65	Bb	Bergenia 'Bressingham White'	3L	30 - 40cm	5/m2	Bushy, planted in groups of 7-9	
105	Cal	Cornus alba	3L	40 - 60cm	4/m2	Bushy, planted to create larger shrub back drop	
65	Ct	Cornus ternata	3L	30 - 40cm	3/m2	Bushy, planted in groups of 5-7	
105	Dp	Digitalis purpurea	3L	30 - 40cm	4/m2	Bushy, planted in groups of 5-7	
90	Eb	Erysimum 'Bowles Mauve'	3L	30 - 40cm	4/m2	Bushy, planted in groups of 5-7	
100	Ed	Escallonia donard seedling	3L	30 - 40cm	3/m2	Bushy, planted to create larger shrub back drop	
110	Ep	Echinacea purpurea 'Magnus'	3L	20 - 30cm	6/m2	Bushy, planted in groups of 7-9	
95	Er	Escallonia rubra	3L	30 - 40cm	3/m2	Bushy, planted to create larger shrub back drop	
115	Hp	Hebe 'Purple Pixie'	3L	30 - 40cm	3/m2	Bushy, planted in groups of 5-7	
80	Hv	Hebe vernicosa	3L	30 - 40cm	3/m2	Bushy, planted in groups of 5-7	
215	La	lavandula angustifolia 'twickel purple'	3L	30 - 40cm	3/m2	Bushy, planted in groups of 7-9	
160	Ns	Nepeta six hills giant	3L	30 - 40cm	3/m2	Bushy, planted in groups of 7-9	
70	Oh	Olearia x haastii	3L	30 - 40cm	3/m2	Bushy, planted to create larger shrub back drop	
95	Pab	Perovskia atriplicifolia blue spire	3L	30 - 40cm	3/m2	Bushy, planted in groups of 7-9	
70	Plo	Prunus laurocerasus 'Otto Luyken'	3L	20 - 30cm	3/m2	Bushy, planted to create larger shrub back drop	
65	Rc	Rosa canina	3L	30 - 40cm	3/m2	Bushy, planted to create larger shrub back drop	
80	Rf	Rudbeckia fulgida 'Goldsturm'	3L	30 - 40cm	3/m2	Bushy, planted in groups of 7-9	
75	Sa	Sedum autumn joy	3L	30 - 40cm	4/m2	Bushy, planted in groups of 7-9	
55	Sc	Santolina Chamaecyparissus	3L	30 - 40cm	3/m2	Bushy, planted in groups of 5-7	
85	Sj	Scabiosa japonica	3L	30 - 40cm	4/m2	Bushy, planted in groups of 7-9	
105	Sn	Salvia nemorosa 'Blauhugel'	3L	30 - 40cm	4/m2	Bushy, planted in groups of 7-9	
70	Vd	Viburnum davidii	3L	20 - 30cm	3/m2	Bushy, planted in groups of 7-9	
Ornamental Grasses							
175	Ck	Calamagrostis 'Karl Foerster'	3L	40 - 80cm	4/m2	Bushy, planted in blocks for large impact	

FOR PLANNING

PROJECT

HANGING HEATON, DEWSBURY

TITLE

SOFT LANDSCAPE SPECIFICATION: NORTH

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