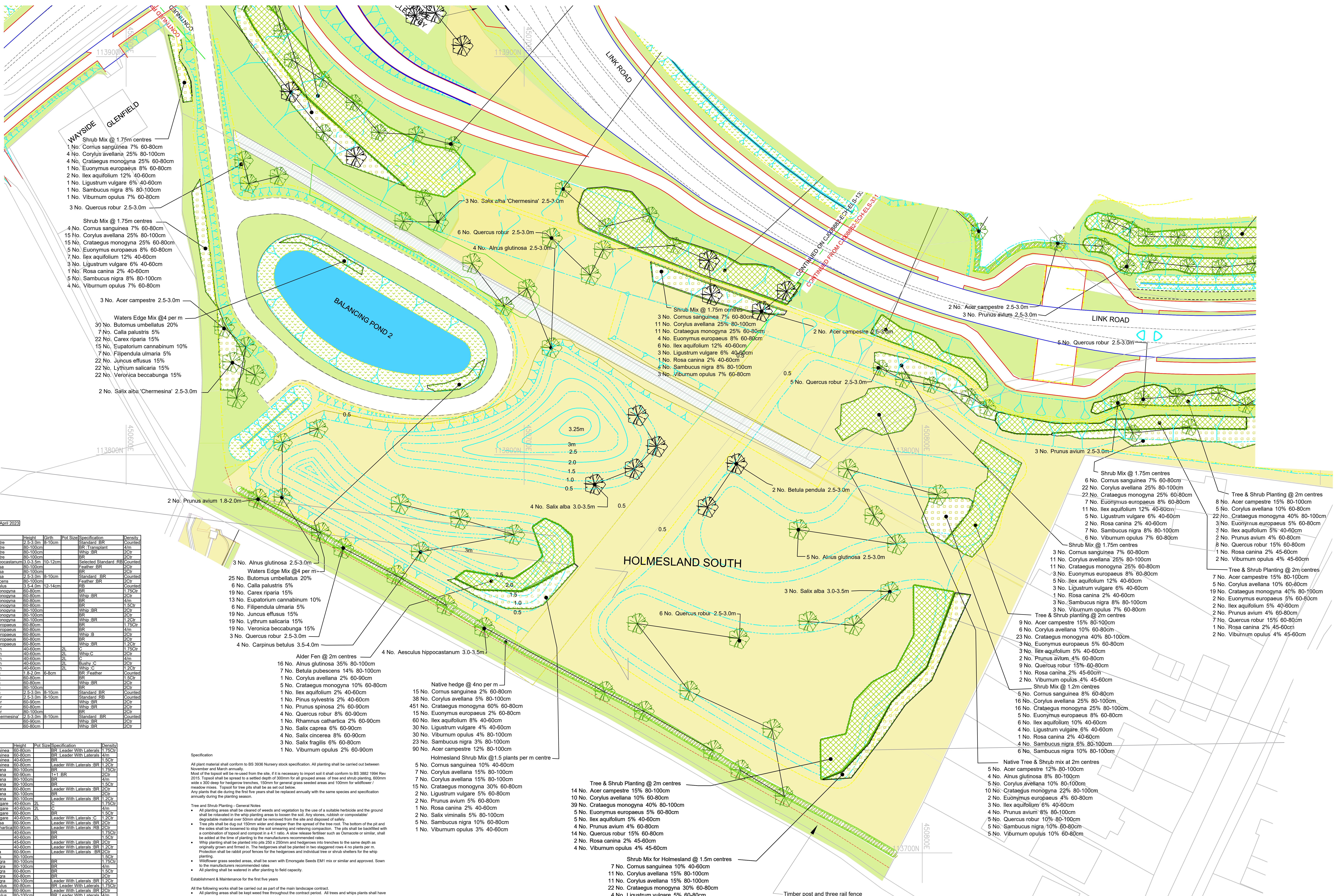


Shrub Mix @ 1.75m centres
1 No. Cornus sanguinea 7% 60-80cm
4 No. Corylus avellana 25% 80-100cm
4 No. Crataegus monogyna 25% 60-80cm
1 No. Euonymus europaeus 8% 60-80cm
2 No. Ilex aquifolium 12% 40-60cm
1 No. Ligustrum vulgare 6% 40-60cm
1 No. Sambucus nigra 8% 80-100cm
1 No. Viburnum opulus 7% 60-80cm

3 No. Quercus robur 2.5-3.0m

Shrub Mix @ 1.75m centres
4 No. Cornus sanguinea 7% 60-80cm
15 No. Corylus avellana 25% 80-100cm
15 No. Crataegus monogyna 25% 60-80cm
5 No. Euonymus europaeus 8% 60-80cm
7 No. Ilex aquifolium 12% 40-60cm
3 No. Ligustrum vulgare 6% 40-60cm
1 No. Rosa canina 2% 40-60cm
5 No. Sambucus nigra 8% 80-100cm
4 No. Viburnum opulus 7% 60-80cm

3 No. Acer campestre 2.5-3.0m

Waters Edge Mix @4 per m
30 No. Butomus umbellatus 20%
7 No. Calla palustris 5%
22 No. Carex riparia 15%
15 No. Eupatorium cannabinum 10%
7 No. Filipendula ulmaria 5%
22 No. Juncus effusus 15%
22 No. Lythrum salicaria 15%
22 No. Veronica beccabunga 15%

2 No. Salix alba 'Chermesina' 2.5-3.0m

3 No. Salix alba 'Chermesina' 2.5-3.0m

6 No. Quercus robur 2.5-3.0m

4 No. Alnus glutinosa 2.5-3.0m

Shrub Mix @ 1.75m centres
3 No. Cornus sanguinea 7% 60-80cm
11 No. Corylus avellana 25% 80-100cm
11 No. Crataegus monogyna 25% 60-80cm
4 No. Euonymus europaeus 8% 60-80cm
6 No. Ilex aquifolium 12% 40-60cm
3 No. Ligustrum vulgare 6% 40-60cm
1 No. Rosa canina 2% 40-60cm
4 No. Sambucus nigra 8% 80-100cm
3 No. Viburnum opulus 7% 60-80cm

2 No. Acer campestre 2.5-3.0m

5 No. Quercus robur 2.5-3.0m

2 No. Acer campestre 2.5-3.0m
3 No. Prunus avium 2.5-3.0m

5 No. Quercus robur 2.5-3.0m

3 No. Prunus avium 2.5-3.0m

2 No. Prunus avium 1.8-2.0m

4 No. Salix alba 3.0-3.5m

2 No. Betula pendula 2.5-3.0m

5 No. Alnus glutinosa 2.5-3.0m

3 No. Salix alba 3.0-3.5m

6 No. Quercus robur 2.5-3.0m

3 No. Alnus glutinosa 2.5-3.0m

Waters Edge Mix @4 per m
25 No. Butomus umbellatus 20%
6 No. Calla palustris 5%
19 No. Carex riparia 15%
13 No. Eupatorium cannabinum 10%
6 No. Filipendula ulmaria 5%
19 No. Juncus effusus 15%
19 No. Lythrum salicaria 15%
19 No. Veronica beccabunga 15%

3 No. Quercus robur 2.5-3.0m

4 No. Carpinus betulus 3.5-4.0m

4 No. Aesculus hippocastanum 3.0-3.5m

Alder Fen @ 2m centres
16 No. Alnus glutinosa 35% 80-100cm
7 No. Betula pubescens 14% 80-100cm
1 No. Corylus avellana 2% 60-90cm
5 No. Crataegus monogyna 10% 60-80cm
1 No. Ilex aquifolium 2% 40-60cm
1 No. Pinus sylvestris 2% 40-60cm
1 No. Prunus spinosa 2% 60-90cm
4 No. Quercus robur 8% 60-90cm
1 No. Rhamnus cathartica 2% 60-90cm
3 No. Salix caprea 6% 60-90cm
4 No. Salix cincerea 8% 60-90cm
3 No. Salix fragilis 6% 60-80cm
1 No. Viburnum opulus 2% 60-90cm

Native hedge @ 4no per m
15 No. Cornus sanguinea 2% 60-80cm
38 No. Corylus avellana 5% 80-100cm
451 No. Crataegus monogyna 60% 60-80cm
15 No. Euonymus europaeus 2% 60-80cm
60 No. Ilex aquifolium 8% 40-60cm
30 No. Ligustrum vulgare 4% 40-60cm
30 No. Viburnum opulus 4% 80-100cm
23 No. Sambucus nigra 3% 80-100cm
90 No. Acer campestre 12% 80-100cm

Holmesland Shrub Mix @1.5 plants per m centre
5 No. Cornus sanguinea 10% 40-60cm
7 No. Corylus avellana 15% 80-100cm
7 No. Corylus avellana 15% 80-100cm
15 No. Crataegus monogyna 30% 60-80cm
2 No. Ligustrum vulgare 5% 60-80cm
2 No. Prunus avium 5% 60-80cm
1 No. Rosa canina 2% 40-60cm
2 No. Salix viminalis 5% 80-100cm
5 No. Sambucus nigra 10% 60-80cm
1 No. Viburnum opulus 3% 40-60cm

Tree & Shrub Planting @ 2m centres
14 No. Acer campestre 15% 80-100cm
10 No. Corylus avellana 10% 60-80cm
39 No. Crataegus monogyna 40% 80-100cm
5 No. Euonymus europaeus 5% 60-80cm
5 No. Ilex aquifolium 5% 40-60cm
4 No. Prunus avium 4% 60-80cm
14 No. Quercus robur 15% 60-80cm
2 No. Rosa canina 2% 45-60cm
4 No. Viburnum opulus 4% 45-60cm

Shrub Mix for Holmesland @ 1.5m centres
7 No. Cornus sanguinea 10% 40-60cm
11 No. Corylus avellana 15% 80-100cm
11 No. Corylus avellana 15% 80-100cm
22 No. Crataegus monogyna 30% 60-80cm
4 No. Ligustrum vulgare 5% 60-80cm
4 No. Prunus avium 5% 60-80cm
1 No. Rosa canina 2% 40-60cm
4 No. Salix viminalis 5% 80-100cm
7 No. Sambucus nigra 10% 60-80cm
2 No. Viburnum opulus 3% 40-60cm
All Standard trees and larger trees
planted in Holmesland south to be
fitted with treegators. (50no)

Timber post and three rail fence
along PRoW, with pig wire netting
to enclose the space

Shrub Mix @ 1.75m centres
6 No. Cornus sanguinea 7% 60-80cm
22 No. Corylus avellana 25% 80-100cm
22 No. Crataegus monogyna 25% 60-80cm
7 No. Euonymus europaeus 8% 60-80cm
11 No. Ilex aquifolium 12% 40-60cm
5 No. Ligustrum vulgare 6% 40-60cm
2 No. Rosa canina 2% 40-60cm
7 No. Sambucus nigra 8% 80-100cm
6 No. Viburnum opulus 7% 60-80cm

Shrub Mix @ 1.75m centres
3 No. Cornus sanguinea 7% 60-80cm
11 No. Corylus avellana 25% 80-100cm
11 No. Crataegus monogyna 25% 60-80cm
3 No. Euonymus europaeus 8% 60-80cm
5 No. Ilex aquifolium 12% 40-60cm
3 No. Ligustrum vulgare 6% 40-60cm
1 No. Rosa canina 2% 40-60cm
3 No. Sambucus nigra 8% 80-100cm
3 No. Viburnum opulus 7% 60-80cm

Tree & Shrub planting @ 2m centres
9 No. Acer campestre 15% 80-100cm
6 No. Corylus avellana 10% 60-80cm
23 No. Crataegus monogyna 40% 80-100cm
3 No. Euonymus europaeus 5% 60-80cm
3 No. Ilex aquifolium 5% 40-60cm
2 No. Prunus avium 4% 60-80cm
9 No. Quercus robur 15% 60-80cm
1 No. Rosa canina 2% 45-60cm
2 No. Viburnum opulus 4% 45-60cm

Shrub Mix @ 1.2m centres
5 No. Cornus sanguinea 8% 60-80cm
16 No. Corylus avellana 25% 80-100cm
16 No. Crataegus monogyna 25% 80-100cm
5 No. Euonymus europaeus 8% 60-80cm
6 No. Ilex aquifolium 10% 40-60cm
4 No. Ligustrum vulgare 6% 40-60cm
1 No. Rosa canina 2% 40-60cm
4 No. Sambucus nigra 6% 80-100cm
6 No. Sambucus nigra 10% 80-100cm

Native Tree & Shrub mix at 2m centres
5 No. Acer campestre 12% 80-100cm
4 No. Alnus glutinosa 8% 80-100cm
5 No. Corylus avellana 10% 80-100cm
10 No. Crataegus monogyna 22% 80-100cm
2 No. Euonymus europaeus 4% 60-80cm
3 No. Ilex aquifolium 6% 40-60cm
4 No. Prunus avium 8% 80-100cm
5 No. Quercus robur 10% 80-100cm
5 No. Sambucus nigra 10% 60-80cm
5 No. Viburnum opulus 10% 60-80cm

Tree & Shrub Planting @ 2m centres
8 No. Acer campestre 15% 80-100cm
5 No. Corylus avellana 10% 60-80cm
22 No. Crataegus monogyna 40% 80-100cm
3 No. Euonymus europaeus 5% 60-80cm
3 No. Ilex aquifolium 5% 40-60cm
2 No. Prunus avium 4% 60-80cm
8 No. Quercus robur 15% 60-80cm
1 No. Rosa canina 2% 45-60cm
2 No. Viburnum opulus 4% 45-60cm

Tree & Shrub Planting @ 2m centres
7 No. Acer campestre 15% 80-100cm
5 No. Corylus avellana 10% 60-80cm
19 No. Crataegus monogyna 40% 80-100cm
2 No. Euonymus europaeus 5% 60-80cm
2 No. Ilex aquifolium 5% 40-60cm
2 No. Prunus avium 4% 60-80cm
7 No. Quercus robur 15% 60-80cm
1 No. Rosa canina 2% 45-60cm
2 No. Viburnum opulus 4% 45-60cm

NOTES

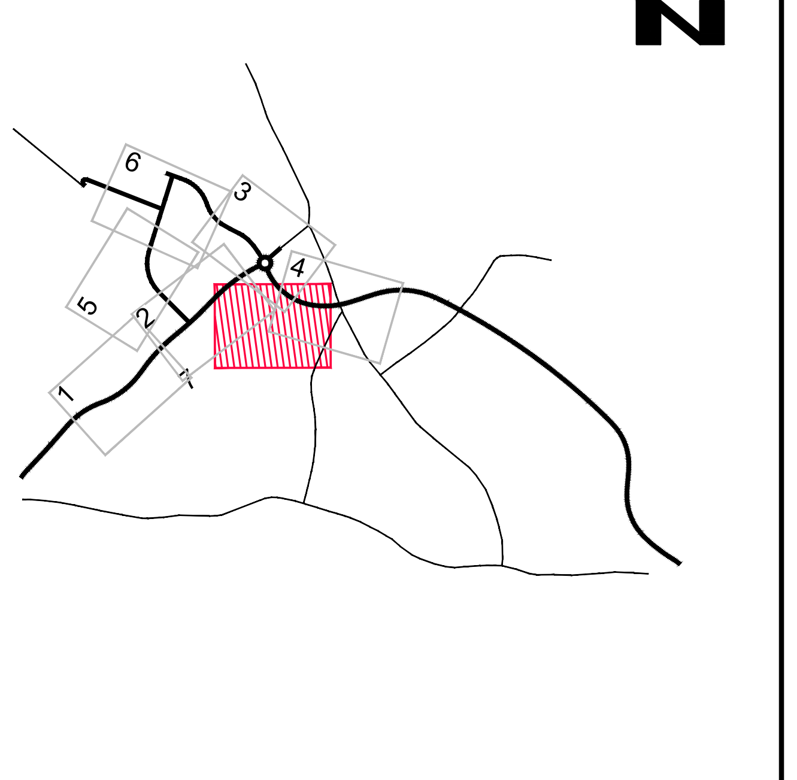
1. DO NOT SCALE FROM THIS DRAWING.
2. ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
3. DETAILED DESIGN / LAYOUT IS BASED ON TOPOGRAPHICAL SURVEY CARRIED OUT / SUPPLIED BY HCC SURVEY TEAM.
4. ANY PROPOSED ROAD MARKINGS SHOWN ARE FOR INDICATIVE PURPOSES ONLY.

KEY

- Existing Trees Retained
- Proposed Trees
- Native Tree and Shrub Planting at centres shown on drawing
- Native Embankment Mix @ centres on plan
- Native Shrub Planting at centres on plan
- Native Hedgerow Planting @ 4 per lin m
- Species Rich Grassland/ Wildflower meadow
- Grassland - general amenity mix
- Swales , Ditches & Water Storage Ponds
- Meadow turf laid in the bottom of swales and ponds
- Timber Post and 3 rail fence with wire mesh.

NOTE:

GRASS SEEDING WILL BE CARRIED OUT BY THE MAIN CONTRACTOR



Planting Specification April 2023

Trees

Number	Species	Height	Girth	Pot Size	Specification	Density
7	Acer campestre	2.5-3.0m	8-10cm		Standard :BR	Counted
90	Acer campestre	80-100cm			BR :Transplant	4/m
38	Acer campestre	80-100cm			Whip :BR	2Ctr
5	Acer campestre	80-100cm			BR	2Ctr
4	Aesculus hippocastanum	3.0-3.5m	10-12cm		Selected Standard :RB	Counted
16	Alnus glutinosa	80-100cm			Feather :BR	2Ctr
4	Alnus glutinosa	80-100cm			BR	2Ctr
7	Alnus glutinosa	2.5-3.0m	8-10cm		Standard :BR	Counted
7	Betula pubescens	80-100cm			Feather :BR	2Ctr
4	Carpinus betulus	3.5-4.0m	12-14cm		RB	Counted
63	Crataegus monogyna	60-80cm			BR	1.75Ctr
5	Crataegus monogyna	60-80cm			Whip :BR	2Ctr
451	Crataegus monogyna	60-80cm			BR	4/m
37	Crataegus monogyna	60-80cm			BR	1.5Ctr
103	Crataegus monogyna	80-100cm			Whip :BR	2Ctr
10	Crataegus monogyna	80-100cm			BR	2Ctr
16	Crataegus monogyna	80-100cm			Whip :BR	1.2Ctr
20	Euonymus europaeus	60-80cm			BR	1.75Ctr
15	Euonymus europaeus	60-80cm			BR	4/m
13	Euonymus europaeus	60-80cm			Whip :B	2Ctr
2	Euonymus europaeus	60-80cm			BR	2Ctr
5	Euonymus europaeus	60-80cm			Whip :BR	1.2Ctr
31	Ilex aquifolium	40-60cm		2L	C	1.75Ctr
1	Ilex aquifolium	40-60cm		2L	Whip:C	2Ctr
60	Ilex aquifolium	40-60cm		2L	C	4/m
16	Ilex aquifolium	40-60cm		2L	Bushy :C	2Ctr
6	Ilex aquifolium	40-60cm		2L	Whip :C	1.2Ctr
2	Prunus avium	1.8-2.0m	6-8cm		BR :Feather	Counted
6	Prunus avium	60-80cm			BR	1.5Ctr
10	Prunus avium	60-80cm			Whip :BR	2Ctr
4	Prunus avium	80-100cm			BR	2Ctr
6	Prunus avium	2.5-3.0m	8-10cm		Standard :BR	Counted
22	Quercus robur	2.5-3.0m	8-10cm		Standard :RB	Counted
4	Quercus robur	60-90cm			Whip :BR	2Ctr
38	Quercus robur	60-80cm			Whip :BR	2Ctr
5	Quercus robur	80-100cm			BR	2Ctr
5	Salix alba 'Chermesina'	2.5-3.0m	8-10cm		Standard :BR	Counted
3	Salix caprea	60-90cm			Whip :BR	2Ctr
3	Salix fragilis	60-80cm			Whip :BR	2Ctr

Shrubs

Number	Species	Height	Pot Size	Specification	Density
17	Cornus sanguinea	60-80cm		BR :Leader With Laterals	1.75Ctr
15	Cornus sanguinea	60-80cm		BR :Leader With Laterals	4/m
12	Cornus sanguinea	40-60cm		BR	1.5Ctr
5	Cornus sanguinea	60-80cm		Leader With Laterals :BR	1.2Ctr
63	Corylus avellana	80-100cm		BR	1.75Ctr
1	Corylus avellana	60-90cm		1+1 :BR	2Ctr
38	Corylus avellana	80-100cm		BR	4/m
36	Corylus avellana	80-100cm		BR	1.5Ctr
26	Corylus avellana	60-80cm		Leader With Laterals :BR	2Ctr
5	Corylus avellana	80-100cm		BR	2Ctr
16	Corylus avellana	80-100cm		Leader With Laterals :BR	1.2Ctr
15	Ligustrum vulgare	40-60cm	2L	C	1.75Ctr
30	Ligustrum vulgare	40-60cm	2L	C	4/m
6	Ligustrum vulgare	60-80cm		BR	1.5Ctr
4	Ligustrum vulgare	40-60cm	2L	Leader With Laterals :C	1.2Ctr
1	Prunus spinosa	60-90cm		Leader With Laterals :BR	2Ctr
1	Rhamnus cathartica	60-90cm		Leader With Laterals :RB	2Ctr
5	Rosa canina	40-60cm		BR	1.75Ctr
2	Rosa canina	40-60cm		BR	1.5Ctr
5	Rosa canina	45-60cm		Leader With Laterals :BR	2Ctr
1	Rosa canina	40-60cm		Leader With Laterals :BR	1.2Ctr
4	Salix cincerea	60-90cm		Leader With Laterals :BR	2Ctr
6	Salix viminalis	80-100cm			1.5Ctr
20	Sambucus nigra	80-100cm		BR	1.75Ctr
23	Sambucus nigra	80-100cm		BR	4/m
12	Sambucus nigra	60-80cm		BR	1.5Ctr
5	Sambucus nigra	60-80cm		BR	2Ctr
10	Sambucus nigra	80-100cm		Leader With Laterals :BR	1.2Ctr
17	Viburnum opulus	60-80cm		BR :Leader With Laterals	1.75Ctr
1	Viburnum opulus	60-90cm		Leader With Laterals :BR	2Ctr
30	Viburnum opulus	80-100cm		BR :Leader With Laterals	4/m
3	Viburnum opulus	40-60cm		BR	1.5Ctr
10	Viburnum opulus	45-60cm		Leader With Laterals :BR	2Ctr
5	Viburnum opulus	60-80cm		BR	2Ctr

Conifers

Number	Abbreviation	Species	Specification	Density
1	PINSY	Pinus sylvestris	Leader & laterals	2Ctr

Marginal / Aquatics

Number	Abbreviation	Species	Specification	Density
55	BUTUM	Butomus umbellatus	Well Rooted	4/m²
13	CALPA	Calla palustris	Well Rooted	4/m²
41	CARRI	Carex riparia	Well Rooted	4/m²
28	ERILA	Eupatorium cannabinum	Well Rooted	4/m²
13	FILUL	Filipendula ulmaria	Well Rooted	4/m²
41	JUNEF	Juncus effusus	Well Rooted	4/m²
41	LYTSA	Lythrum salicaria	Well Rooted	4/m²
41		Veronica beccabunga	Well Rooted	4/m²

Specification

All plant material shall conform to BS 3936 Nursery stock specification. All planting shall be carried out between November and March annually.
Most of the topsoil will be re-used from the site, if it is necessary to import soil it shall conform to BS 3882 1994 Rev 2015. Topsoil shall be spread to a settled depth of 300mm for all grouped areas of tree and shrub planting, 600mm wide x 300 deep for hedgerow trenches, 150mm for general grass seeded areas and 100mm for wildflower / meadow mixes. Topsoil for tree pits shall be as set out below.
Any plants that die during the first five years shall be replaced annually with the same species and specification annually during the planting season.

Tree and Shrub Planting - General Notes

- All planting areas shall be cleared of weeds and vegetation by the use of a suitable herbicide and the ground shall be rotavated in the whip planting areas to loosen the soil. Any stones, rubbish or compostable/ degradable material over 50mm shall be removed from the site and disposed of safely.
- Tree pits shall be dug out 150mm wider and deeper than the spread of the tree root. The bottom of the pit and the sides shall be loosened to stop the soil smearing and relieving compaction. The pits shall be backfilled with a combination of topsoil and compost in a 4:1 ratio. A slow release fertiliser such as Osmacote or similar, shall be added at the time of planting to the manufacturers recommended rates.
- Whip planting shall be planted into pits 250 x 250mm and hedgerows into trenches to the same depth as originally grown and firmed in. The hedgerows shall be planted in two staggered rows 4 no plants per m. Protection shall be rabbit proof fences for the hedgerows and individual tree or shrub shelters for the whip planting.
- Wildflower grass seeded areas, shall be sown with Emorsgate Seeds EM1 mix or similar and approved. Sown to the manufacturers recommended rates
- All planting shall be watered in after planting to field capacity.

Establishment & Maintenance for the first five years

All the following works shall be carried out as part of the main landscape contract.

- All planting areas shall be kept weed free throughout the contract period. All trees and whips plants shall have a 1.2m wide circle sprayed out around the stem and any remaining the areas between shall be strimmed down twice a year. The hedgerows shall have a 1m wide strip sprayed out along their length
- In year 3 the contractor shall lightly trim the hedgerows during the months Sept - February to encourage bushy growth and again in year five.
- All planted areas shall be kept free of rubbish.
- All fencing and tree shelters shall be kept in good condition and repaired/ replaced as necessary to keep the plants free from rabbit damage.
- Grassed areas in Swales and water attenuation ponds shall be mown twice a year and the arisings removed from site or to an agreed composting area.
- Wildflower seeded areas shall be maintained as per manufacturers recommended instructions and all mown arisings shall be removed from site and placed in an approved location to compost.
- All planting shall be watered during the summer months after 21days without rain to field capacity, or 5 litres per whip and 35 litres per tree.
- Any plants that die as a result of natural causes shall be replaced on an annual basis.
- Any plants that require pruning to repair damage shall be pruned.

At the end of the five year maintenance period, all planting on private land shall be handed over to the land owner for long term maintenance and the planting within the road boundary shall remain the responsibility of the Hampshire County Council.

Note
Topsoiled areas including the tree pits to be dug out and topsoil supplied by the main engineering contractor using topsoil won from the site.

SUIT	REV	AMENDMENTS	DATE	CAD	CHKD	APPD
D2	PO3	TIMBER POST AND RAIL FENCE ADDED	08:06:23	AL	CS	CS
D2	P02	PLANTING AMENDED IN HOLMESLAND SOUTH TO ACCOMMODATE REVISED MOUNDS	19:04:23	AL	CS	CS
S2	P01	FIT FOR INFORMATION		AL		

CLIENT

CONSULTANT

DESIGNER
AL

SCALE @ A1
1:500

CAD
CW

DATE
30.03.2023

CHECKED
CW CW

SHEET NUMBER
1

APPROVED
CW CW

SCHEME
UPLANDS DEVELOPMENT
INFRASTRUCTURE

JOB No. C.J008882.01

DRAWING TITLE
PLANTING PLAN FOR
HOLMESLAND SOUTH

HCC CAD PLOT: 08/6/2023 12:53:31

DRAWING NUMBER
CJ008882-ECH-ELS-13317040-DR-M-0038

SUIT REV

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