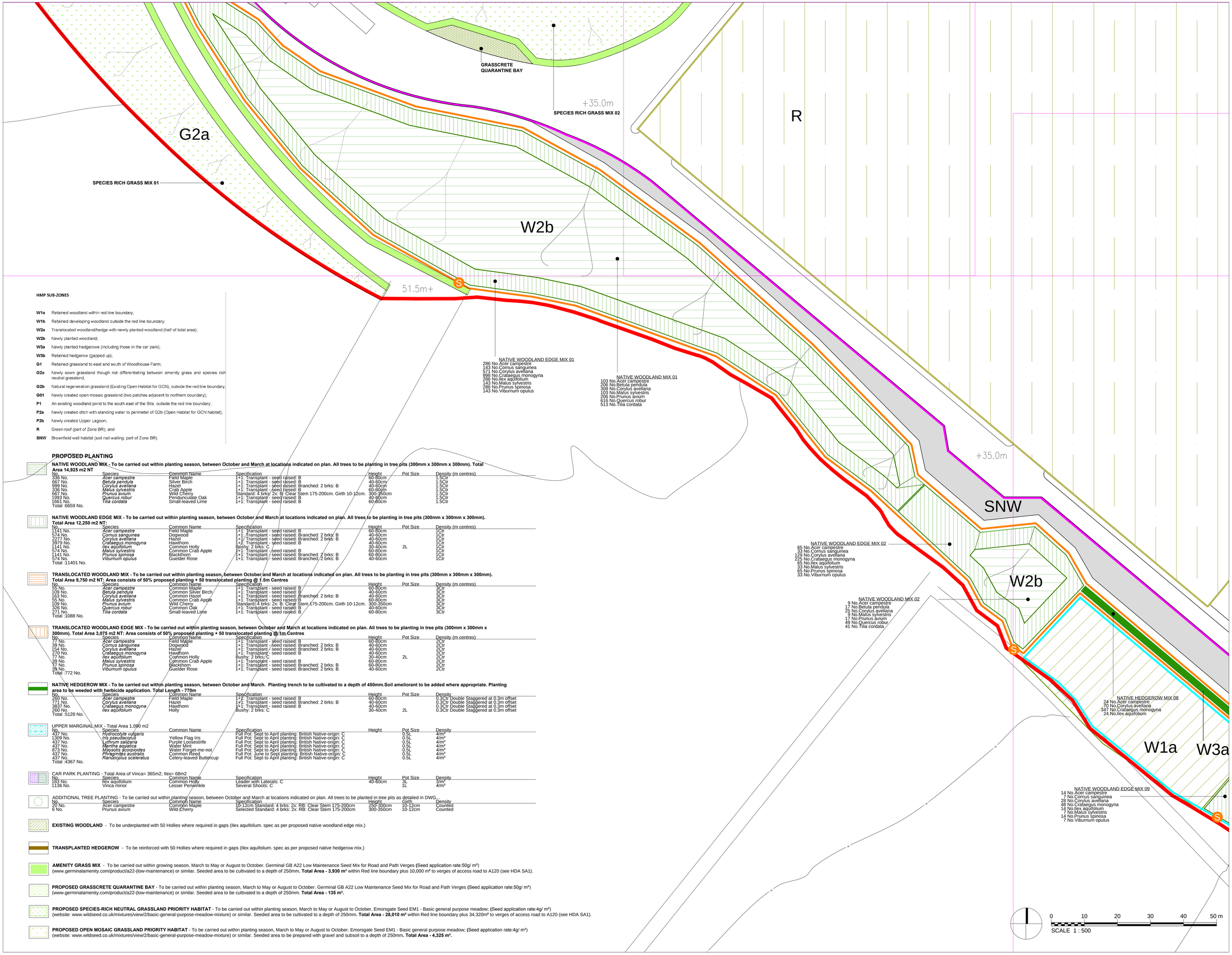


HMP SUB-ZONES

W1a Retained woodland within red line boundary;
W1b Retained developing woodland outside the red line boundary;
W2a Translocated woodland/hedge with newly planted woodland (half of total area);
W2b Newly planted woodland;
W3a Newly planted hedgerows (including those in the car park);
W3b Retained hedgerow (gapped up);
G1 Retained grassland to east and south of Woodhouse Farm;
G2a Newly sown grassland though not differentiating between amenity grass and species rich neutral grassland;
G2b Natural regeneration grassland (Existing Open Habitat for GCN), outside the red line boundary;
G01 Newly created open mosaic grassland (two patches adjacent to northern boundary);
P1 An existing woodland pond to the south east of the Site, outside the red line boundary;
P2a Newly created ditch with standing water to perimeter of G2b (Open Habitat for GCN habitat);
P2b Newly created Upper Lagoon;
R Green roof (part of Zone BR); and
SNW Brownfield wall habitat (soil nail walling, part of Zone BR).

PROPOSED PLANTING

NATIVE WOODLAND MIX - To be carried out within planting season, between October and March at locations indicated on plan. All trees to be planting in tree pits (300mm x 300mm x 300mm). Total Area 14,925 m2 NT

No.	Species	Common Name	Specification	Height	Pot Size	Density (m centres)
336 No.	*Acer campestre*	Field Maple	1+1: Transplant - seed raised: B	60-80cm		1.5Ctr
667 No.	*Betula pendula*	Silver Birch	1+1: Transplant - seed raised: B	40-60cm		1.5Ctr
999 No.	*Corylus avellana*	Hazel	1+1: Transplant - seed raised: Branched: 2 brks: B	40-60cm		1.5Ctr
336 No.	*Malus sylvestris*	Crab Apple	1+1: Transplant - seed raised: B	60-80cm		1.5Ctr
667 No.	*Prunus avium*	Wild Cherry	Standard: 4 brks: 2x: B: Clear Stem 175-200cm. Girth 10-12cm.	300-350cm		1.5Ctr
1993 No.	*Quercus robur*	Pendunculate Oak	1+1: Transplant - seed raised: B	40-60cm		1.5Ctr
1661 No.	*Tilia cordata*	Small-leaved Lime	1+1: Transplant - seed raised: B	60-80cm		1.5Ctr

Total :6659 No.

NATIVE WOODLAND EDGE MIX - To be carried out within planting season, between October and March at locations indicated on plan. All trees to be planting in tree pits (300mm x 300mm x 300mm). Total Area 12,250 m2 NT:

No.	Species	Common Name	Specification	Height	Pot Size	Density (m centres)
1141 No.	*Acer campestre*	Field Maple	1+1: Transplant - seed raised: B	60-80cm		1Ctr
574 No.	*Cornus sanguinea*	Dogwood	1+1: Transplant - seed raised: Branched: 2 brks: B	40-60cm		1Ctr
2277 No.	*Corylus avellana*	Hazel	1+1: Transplant - seed raised: Branched: 2 brks: B	40-60cm		1Ctr
3979 No.	*Crataegus monogyna*	Hawthorn	1+1: Transplant - seed raised: B	40-60cm		1Ctr
1141 No.	*Ilex aquifolium*	Common Holly	Bushy: 2 brks: C	30-40cm	2L	1Ctr
574 No.	*Malus sylvestris*	Common Crab Apple	1+1: Transplant - seed raised: B	60-80cm		1Ctr
1141 No.	*Prunus spinosa*	Blackthorn	1+1: Transplant - seed raised: Branched: 2 brks: B	60-80cm		1Ctr
574 No.	*Viburnum opulus*	Guelder Rose	1+1: Transplant - seed raised: Branched: 2 brks: B	40-60cm		1Ctr

Total :11401 No.

TRANSLOCATED WOODLAND MIX - To be carried out within planting season, between October and March at locations indicated on plan. All trees to be planting in tree pits (300mm x 300mm x 300mm). Total Area 9,750 m2 NT: Area consists of 50% proposed planting + 50 translocated planting @ 1.5m Centres

No.	Species	Common Name	Specification	Height	Pot Size	Density (m centres)
55 No.	*Acer campestre*	Common Maple	1+1: Transplant - seed raised: B	60-80cm		3Ctr
109 No.	*Betula pendula*	Common Silver Birch	1+1: Transplant - seed raised: B	40-60cm		3Ctr
163 No.	*Corylus avellana*	Common Hazel	1+1: Transplant - seed raised: Branched: 2 brks: B	40-60cm		3Ctr
55 No.	*Malus sylvestris*	Common Crab Apple	1+1: Transplant - seed raised: B	60-80cm		3Ctr
109 No.	*Prunus avium*	Wild Cherry	Standard: 4 brks: 2x: B: Clear Stem 175-200cm. Girth 10-12cm.	300-350cm		3Ctr
326 No.	*Quercus robur*	Common Oak	1+1: Transplant - seed raised: B	40-60cm		3Ctr
271 No.	*Tilia cordata*	Small-leaved Lime	1+1: Transplant - seed raised: B	60-80cm		3Ctr

Total :1088 No.

TRANSLOCATED WOODLAND EDGE MIX - To be carried out within planting season, between October and March at locations indicated on plan. All trees to be planting in tree pits (300mm x 300mm x 300mm). Total Area 3,075 m2 NT: Area consists of 50% proposed planting + 50 translocated planting @ 1m Centres

No.	Species	Common Name	Specification	Height	Pot Size	Density (m centres)
77 No.	*Acer campestre*	Field Maple	1+1: Transplant - seed raised: B	60-80cm		2Ctr
39 No.	*Cornus sanguinea*	Dogwood	1+1: Transplant - seed raised: Branched: 2 brks: B	40-60cm		2Ctr
154 No.	*Corylus avellana*	Hazel	1+1: Transplant - seed raised: Branched: 2 brks: B	40-60cm		2Ctr
270 No.	*Crataegus monogyna*	Hawthorn	1+1: Transplant - seed raised: B	40-60cm		2Ctr
77 No.	*Ilex aquifolium*	Common Holly	Bushy: 2 brks: C	30-40cm	2L	2Ctr
39 No.	*Malus sylvestris*	Common Crab Apple	1+1: Transplant - seed raised: B	60-80cm		2Ctr
77 No.	*Prunus spinosa*	Blackthorn	1+1: Transplant - seed raised: Branched: 2 brks: B	60-80cm		2Ctr
39 No.	*Viburnum opulus*	Guelder Rose	1+1: Transplant - seed raised: Branched: 2 brks: B	40-60cm		2Ctr

Total :772 No.

NATIVE HEDGEROW MIX - To be carried out within planting season, between October and March. Planting trench to be cultivated to a depth of 450mm.Soil ameliorant to be added where appropriate. Planting area to be weeded with herbicide application. Total Length - 770m

No.	Species	Common Name	Specification	Height	Pot Size	Density
260 No.	*Acer campestre*	Field Maple	1+2: Transplant - seed raised: B	60-80cm		0.3Ctr Double Staggered at 0.3m offset
771 No.	*Corylus avellana*	Hazel	1+1: Transplant - seed raised: Branched: 2 brks: B	40-60cm		0.3Ctr Double Staggered at 0.3m offset
3837 No.	*Crataegus monogyna*	Hawthorn	1+1: Transplant - seed raised: B	40-60cm		0.3Ctr Double Staggered at 0.3m offset
260 No.	*Ilex aquifolium*	Holly	Bushy: 2 brks: C	30-40cm	2L	0.3Ctr Double Staggered at 0.3m offset

Total :5128 No.

UPPER MARGINAL MIX - Total Area 1,090 m2

No.	Species	Common Name	Specification	Height	Pot Size	Density
437 No.	*Hydrocotyle vulgaris*		Full Pot: Sept to April planting: British Native-origin: C		0.5L	4/m²
1309 No.	*Iris pseudacorus*	Yellow Flag Iris	Full Pot: Sept to April planting: British Native-origin: C		0.5L	4/m²
437 No.	*Lythrum salicaria*	Purple Loosestrife	Full Pot: Sept to April planting: British Native-origin: C		0.5L	4/m²
437 No.	*Mentha aquatica*	Water Mint	Full Pot: Sept to April planting: British Native-origin: C		0.5L	4/m²
873 No.	*Myosotis scorpioides*	Water Forget-me-not	Full Pot: Sept to April planting: British Native-origin: C		0.5L	4/m²
437 No.	*Phragmites australis*	Common Reed	Full Pot: June to Sept planting: British Native-origin: C		0.5L	4/m²
437 No.	*Ranunculus sceleratus*	Celery-leaved Buttercup	Full Pot: Sept to April planting: British Native-origin: C		0.5L	4/m²

Total :4367 No.

CAR PARK PLANTING - Total Area of Vinca= 365m2; Ilex= 68m2

No.	Species	Common Name	Specification	Height	Pot Size	Density
183 No.	Ilex aquifolium	Common Holly	Leader with Laterals: C	40-60cm	3L	3/m²
1136 No.	Vinca minor	Lesser Periwinkle	Several Shoots: C		1L	4/m²

ADDITIONAL TREE PLANTING - To be carried out within planting season, between October and March at locations indicated on plan. All trees to be planted in tree pits as detailed in DWG.

No.	Species	Common Name	Specification	Height	Girth	Density
20 No.	Acer campestre	Common Maple	10-12cm Standard: 4 brks: 2x: RB: Clear Stem 175-200cm	250-300cm	10-12cm	Counted
6 No.	Prunus avium	Wild Cherry	Selected Standard: 4 brks: 2x: RB: Clear Stem 175-200cm	300-350cm	10-12cm	Counted

EXISTING WOODLAND - To be underplanted with 50 Hollies where required in gaps (Ilex aquifolium. spec as per proposed native woodland edge mix.)

TRANSPLANTED HEDGEROW - To be reinforced with 50 Hollies where required in gaps (Ilex aquifolium. spec as per proposed native hedgerow mix.)

AMENITY GRASS MIX - To be carried out within growing season, March to May or August to October. Germinal GB A22 Low Maintenance Seed Mix for Road and Path Verges (Seed application rate:50g/ m²) (www.germinalamenity.com/product/a22-(low-maintenance) or similar. Seeded area to be cultivated to a depth of 250mm. **Total Area - 3,930 m²** within Red line boundary plus 10,000 m² to verges of access road to A120 (see HDA SA1).

PROPOSED GRASSCRETE QUARANTINE BAY - To be carried out within planting season, March to May or August to October. Germinal GB A22 Low Maintenance Seed Mix for Road and Path Verges (Seed application rate:50g/ m²) (www.germinalamenity.com/product/a22-(low-maintenance) or similar. Seeded area to be cultivated to a depth of 250mm. **Total Area - 135 m².**

PROPOSED SPECIES-RICH NEUTRAL GRASSLAND PRIORITY HABITAT - To be carried out within planting season, March to May or August to October. Emorsgate Seed EM1 - Basic general purpose meadow, (Seed application rate:4g/ m²) (website: www.wildseed.co.uk/mixtures/view/2/basic-general-purpose-meadow-mixture) or similar. Seeded area to be cultivated to a depth of 250mm. **Total Area - 28,010 m²** within Red line boundary plus 34,320m² to verges of access road to A120 (see HDA SA1).

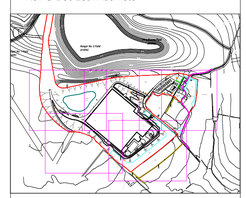
PROPOSED OPEN MOSAIC GRASSLAND PRIORITY HABITAT - To be carried out within planting season, March to May or August to October. Emorsgate Seed EM1 - Basic general purpose meadow, (Seed application rate:4g/ m²) (website: www.wildseed.co.uk/mixtures/view/2/basic-general-purpose-meadow-mixture) or similar. Seeded area to be prepared with gravel and subsoil to a depth of 250mm. **Total Area - 4,325 m².**

KEY

- Site Boundary
- Existing Vegetation (W1a)
- Proposed Barrier Fencing
- Proposed Soil Nailing (SNW)
- Proposed Woodland Mix (W2b)
- Proposed Woodland Edge Mix (W2b)
- Proposed Rabbit Proof Fencing & Access Stile
- Proposed Hedgerow (W3a)
- Proposed Amenity Grassland (G2a)
- Proposed Species-Rich Neutral Grassland Priority Habitat (G2a)
- Proposed Sedum Roof Habitat (R)
- Proposed Vehicle Deterrent Paving
- Extent of A1 Planting Plan Sheets

Note: The area of the Green Roof is 4.7ha and the elevational area of the Soil Nail Walling is 0.43ha.

Note:
Rev A Dec 14 Add quarantine bay, extent of brown roof, etc.
Rev B Jan 15 Add Carpark planting
Rev C April 15 Revised layout
Rev D June 22 Revised layout
Rev E July 17 Add Soil Nailing
Rev F July 23 Revised Soil Nailing
Rev G Dec 18th Add note



CLIENT:
Gent Fairhead & Co Ltd

PROJECT:
IWMF, Rivenhall

TITLE:
Soft Landscape Proposals Sheet 1 of 5

SCALE AT A1:
1:500 @ A1

DATE:
July 2015

732.1/02G

HDA SL1

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