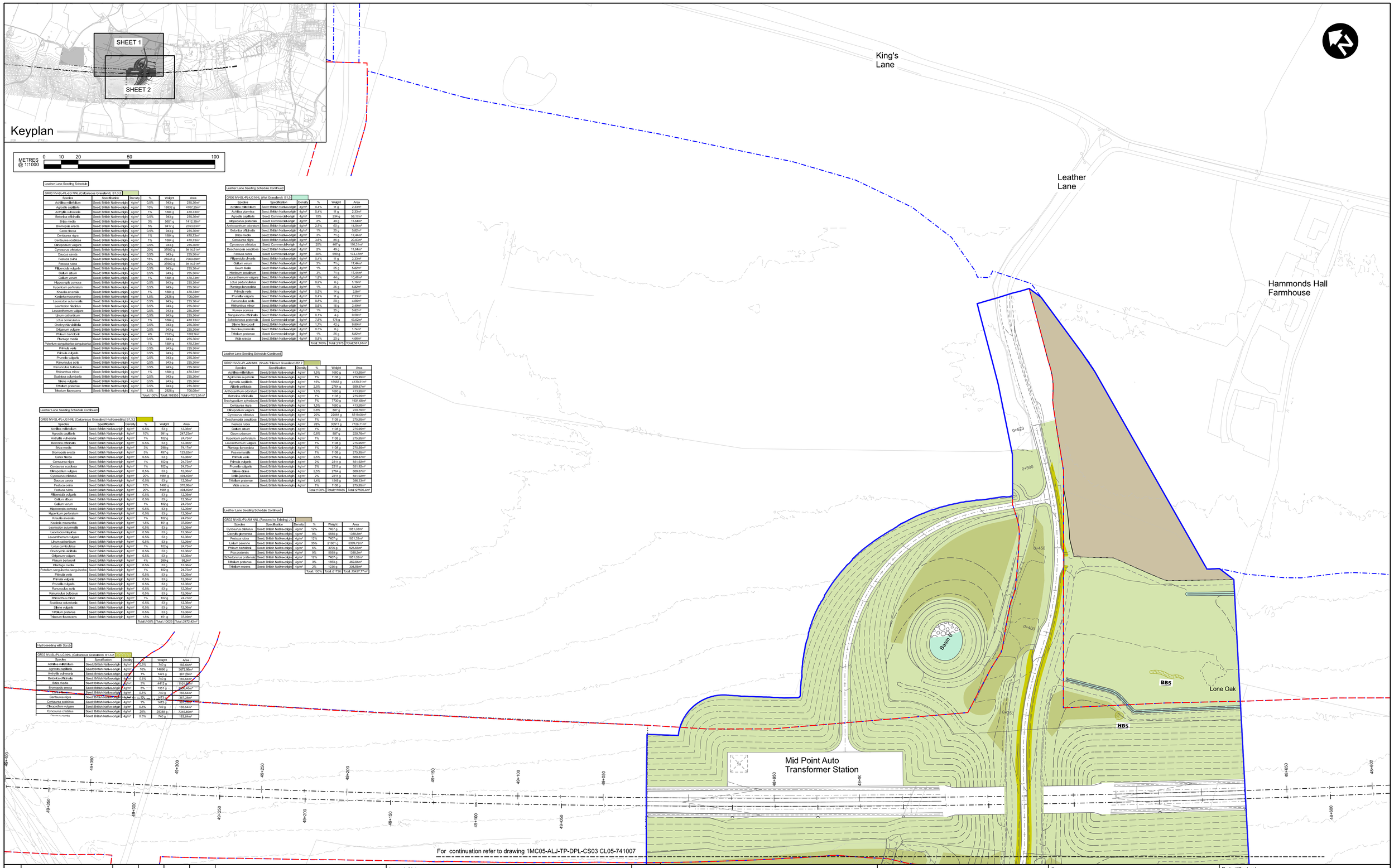

Leather Lane Seeding Schedule

GR03 NV-SL-PL-LG NNL (Calcareous Grassland) B1.3.2

Species	Specification	Density	%	Weight	Area
Achillea millefolium	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
Agrostis capillaris	Seed: British Native-origin	4g/m²	10%	18832 g	4707,25m²
Anthyllis vulneraria	Seed: British Native-origin	4g/m²	1%	1884 g	470,73m²
Betonica officinalis	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
Briza media	Seed: British Native-origin	4g/m²	3%	5651 g	1412,18m²
Bromopsis erecta	Seed: British Native-origin	4g/m²	5%	9417 g	2353,63m²
Carex flacca	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
Centaurea nigra	Seed: British Native-origin	4g/m²	1%	1884 g	470,73m²
Centaurea scabiosa	Seed: British Native-origin	4g/m²	1%	1884 g	470,73m²
Clinopodium vulgare	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
Cynosurus cristatus	Seed: British Native-origin	4g/m²	20%	37660 g	9414,51m²
Daucus carota	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
Festuca ovina	Seed: British Native-origin	4g/m²	15%	28248 g	7060,89m²
Festuca rubra	Seed: British Native-origin	4g/m²	20%	37660 g	9414,51m²
Filipendula vulgaris	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
Galium album	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
Galium verum	Seed: British Native-origin	4g/m²	1%	1884 g	470,73m²
Hippocrepis comosa	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
Hypericum perforatum	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
Knautia arvensis	Seed: British Native-origin	4g/m²	1%	1884 g	470,73m²
Koeleria macrantha	Seed: British Native-origin	4g/m²	1,5%	2826 g	706,08m²
Leontodon autumnalis	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
Leontodon hispidus	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
Leucanthemum vulgare	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
Linum catharticum	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
Lotus corniculatus	Seed: British Native-origin	4g/m²	1%	1884 g	470,73m²
Onobrychis viciifolia	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
Origanum vulgare	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
Pilosella officinarum	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
Plantago media	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
Poterium sanguisorba sanguisorba	Seed: British Native-origin	4g/m²	1%	1884 g	470,73m²
Primula veris	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
Primula vulgaris	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
Prunella vulgaris	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
Ranunculus acris	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
Ranunculus bulbosus	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
Rhinanthus minor	Seed: British Native-origin	4g/m²	1%	1884 g	470,73m²
Scabiosa columbaria	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
Silene vulgaris	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
Trifolium pratense	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
Trifolium ornatum	Seed: British Native-origin	4g/m²	0,5%	943 g	235,36m²
			Total:100%	Total:188365	Total:47072,51m²

Leather Lane Seeding Schedule Continued

GR03 NV-SL-PL-LG NNL (Calcareous Grassland Hydroseeding) B1.3.2

Species	Specification	Density	%	Weight	Area
Achillea millefolium	Seed: British Native-origin	4g/m²	0,5%	53 g	12,36m²
Agrostis capillaris	Seed: British Native-origin	4g/m²	10%	991 g	247,23m²
Anthyllis vulneraria	Seed: British Native-origin	4g/m²	1%	102 g	24,73m²
Betonica officinalis	Seed: British Native-origin	4g/m²	0,5%	53 g	12,36m²
Briza media	Seed: British Native-origin	4g/m²	3%	298 g	74,17m²
Bromopsis erecta	Seed: British Native-origin	4g/m²	5%	497 g	123,62m²
Carex flacca	Seed: British Native-origin	4g/m²	0,5%	53 g	12,36m²
Centaurea nigra	Seed: British Native-origin	4g/m²	1%	102 g	24,73m²
Centaurea scabiosa	Seed: British Native-origin	4g/m²	1%	102 g	24,73m²
Clinopodium vulgare	Seed: British Native-origin	4g/m²	0,5%	53 g	12,36m²
Cynosurus cristatus	Seed: British Native-origin	4g/m²	20%	1981 g	494,46m²
Daucus carota	Seed: British Native-origin	4g/m²	0,5%	53 g	12,36m²
Festuca ovina	Seed: British Native-origin	4g/m²	15%	1486 g	370,85m²
Festuca rubra	Seed: British Native-origin	4g/m²	20%	1981 g	494,46m²
Filipendula vulgaris	Seed: British Native-origin	4g/m²	0,5%	53 g	12,36m²
Galium album	Seed: British Native-origin	4g/m²	0,5%	53 g	12,36m²
Galium verum	Seed: British Native-origin	4g/m²	1%	102 g	24,73m²
Hippocrepis comosa	Seed: British Native-origin	4g/m²	0,5%	53 g	12,36m²
Hypericum perforatum	Seed: British Native-origin	4g/m²	0,5%	53 g	12,36m²
Knautia arvensis	Seed: British Native-origin	4g/m²	1%	102 g	24,73m²
Koeleria macrantha	Seed: British Native-origin	4g/m²	1,5%	151 g	37,09m²
Leontodon autumnalis	Seed: British Native-origin	4g/m²	0,5%	53 g	12,36m²
Leontodon hispidus	Seed: British Native-origin	4g/m²	0,5%	53 g	12,36m²
Leucanthemum vulgare	Seed: British Native-origin	4g/m²	0,5%	53 g	12,36m²
Linum catharticum	Seed: British Native-origin	4g/m²	0,5%	53 g	12,36m²
Lotus corniculatus	Seed: British Native-origin	4g/m²	1%	102 g	24,73m²
Onobrychis viciifolia	Seed: British Native-origin	4g/m²	0,5%	53 g	12,36m²
Origanum vulgare	Seed: British Native-origin	4g/m²	0,5%	53 g	12,36m²
Pilosella officinarum	Seed: British Native-origin	4g/m²	4%	399 g	98,94m²
Plantago media	Seed: British Native-origin	4g/m²	0,5%	53 g	12,36m²
Poterium sanguisorba sanguisorba	Seed: British Native-origin	4g/m²	1%	102 g	24,73m²
Primula veris	Seed: British Native-origin	4g/m²	0,5%	53 g	12,36m²
Primula vulgaris	Seed: British Native-origin	4g/m²	0,5%	53 g	12,36m²
Prunella vulgaris	Seed: British Native-origin	4g/m²	0,5%	53 g	12,36m²
Ranunculus acris	Seed: British Native-origin	4g/m²	0,5%	53 g	12,36m²
Ranunculus bulbosus	Seed: British Native-origin	4g/m²	0,5%	53 g	12,36m²
Rhinanthus minor	Seed: British Native-origin	4g/m²	1%	102 g	24,73m²
Scabiosa columbaria	Seed: British Native-origin	4g/m²	0,5%	53 g	12,36m²
Silene vulgaris	Seed: British Native-origin	4g/m²	0,5%	53 g	12,36m²
Trifolium pratense	Seed: British Native-origin	4g/m²	0,5%	53 g	12,36m²
Trisetum flavescens	Seed: British Native-origin	4g/m²	1,5%	151 g	37,09m²
			Total:100%	Total:10023	Total:2472,42m²

Hydroseeding with Scrub

GR03 NV-SL-PL-LG NNL (Calcareous Grassland) B1.3.2

Species	Specification	Density	%	Weight	Area
Achillea millefolium	Seed: British Native-origin	4g/m²	0,5%	740 g	183,64m²
Agrostis capillaris	Seed: British Native-origin	4g/m²	20%	14696 g	3677,96m²
Anthyllis vulneraria	Seed: British Native-origin	4g/m²	1%	1473 g	367,28m²
Betonica officinalis	Seed: British Native-origin	4g/m²	0,5%	740 g	183,64m²
Briza media	Seed: British Native-origin	4g/m²	3%	4412 g	1104,84m²
Bromopsis erecta	Seed: British Native-origin	4g/m²	5%	7351 g	1841,40m²
Carex flacca	Seed: British Native-origin	4g/m²	0,5%	740 g	183,64m²
Centaurea nigra	Seed: British Native-origin	4g/m²	1%	1473 g	367,28m²
Centaurea scabiosa	Seed: British Native-origin	4g/m²	1%	1473 g	367,28m²
Clinopodium vulgare	Seed: British Native-origin	4g/m²	0,5%	740 g	183,64m²
Cynosurus cristatus	Seed: British Native-origin	4g/m²	20%	29398 g	7345,89m²
Daucus carota	Seed: British Native-origin	4g/m²	0,5%	740 g	183,64m²

Leather Lane Seeding Schedule Continued

GR06 NV-SL-PL-LG NNL (Wet Grassland) B1.5

Species	Specification	Density	%	Weight	Area
Achillea millefolium	Seed: British Native-origin	4g/m²	0,4%	11 g	2,33m²
Achillea ptarmica	Seed: British Native-origin	4g/m²	0,4%	11 g	2,33m²
Agrostis capillaris	Seed: Commercial-origin	4g/m²	10%	234 g	58,17m²
Alopecurus pratensis	Seed: Commercial-origin	4g/m²	2%	49 g	11,64m²
Anthoxanthum odoratum	Seed: British Native-origin	4g/m²	2,5%	60 g	14,54m²
Betonica officinalis	Seed: British Native-origin	4g/m²	1%	25 g	5,82m²
Briza media	Seed: British Native-origin	4g/m²	3%	71 g	17,44m²
Centaurea nigra	Seed: British Native-origin	4g/m²	3,6%	85 g	20,93m²
Cynosurus cristatus	Seed: Commercial-origin	4g/m²	20%	467 g	116,31m²
Deschampsia cespitosa	Seed: British Native-origin	4g/m²	2%	49 g	11,64m²
Festuca rubra	Seed: Commercial-origin	4g/m²	30%	699 g	174,47m²
Filipendula ulmaria	Seed: British Native-origin	4g/m²	0,4%	11 g	2,33m²
Galium verum	Seed: British Native-origin	4g/m²	3%	71 g	17,44m²
Geum rivale	Seed: British Native-origin	4g/m²	1%	25 g	5,82m²
Hordeum secalinum	Seed: British Native-origin	4g/m²	3%	71 g	17,44m²
Leucanthemum vulgare	Seed: British Native-origin	4g/m²	1,8%	44 g	10,47m²
Lotus pedunculatus	Seed: British Native-origin	4g/m²	0,2%	6 g	1,16m²
Plantago lanceolata	Seed: British Native-origin	4g/m²	1%	25 g	5,82m²
Primula veris	Seed: British Native-origin	4g/m²	0,5%	14 g	2,9m²
Prunella vulgaris	Seed: British Native-origin	4g/m²	0,4%	11 g	2,33m²
Ranunculus acris	Seed: British Native-origin	4g/m²	0,8%	20 g	4,66m²
Rhinanthus minor	Seed: British Native-origin	4g/m²	0,6%	16 g	3,49m²
Rumex acetosa	Seed: British Native-origin	4g/m²	1%	25 g	5,82m²
Sanguisorba officinalis	Seed: British Native-origin	4g/m²	0,1%	4 g	0,98m²
Schedonorus pratensis	Seed: Commercial-origin	4g/m²	7,5%	176 g	43,62m²
Silene flos-cuculi	Seed: British Native-origin	4g/m²	1,7%	42 g	9,89m²
Succisa pratensis	Seed: British Native-origin	4g/m²	0,3%	8 g	1,74m²
Trifolium pratense	Seed: Commercial-origin	4g/m²	1%	25 g	5,82m²
Vicia cracca	Seed: British Native-origin	4g/m²	0,8%	20 g	4,66m²
			Total:100%	Total:2375	Total:581,61m²

Leather Lane Seeding Schedule Continued

GR02 NV-SL-PL-AM NNL (Shade Tolerant Grassland) B2.2

Species	Specification	Density	%	Weight	Area
Achillea millefolium	Seed: British Native-origin	4g/m²	1,5%	1660 g	413,95m²
Agrimonia eupatoria	Seed: British Native-origin	4g/m²	1%	1108 g	275,96m²
Agrostis capillaris	Seed: British Native-origin	4g/m²	15%	16563 g	4139,31m²
Alliaria petiolata	Seed: British Native-origin	4g/m²	2,5%	2764 g	689,87m²
Anthoxanthum odoratum	Seed: British Native-origin	4g/m²	1,5%	1660 g	413,95m²
Betonica officinalis	Seed: British Native-origin	4g/m²	1%	1108 g	275,96m²
Brachypodium sylvaticum	Seed: British Native-origin	4g/m²	7%	7730 g	1931,68m²
Centaurea nigra	Seed: British Native-origin	4g/m²	1,5%	1660 g	413,95m²
Clinopodium vulgare	Seed: British Native-origin	4g/m²	0,8%	887 g	220,76m²
Cynosurus cristatus	Seed: British Native-origin	4g/m²	20%	22091 g	5518,08m²
Deschampsia cespitosa	Seed: British Native-origin	4g/m²	1%	1108 g	275,96m²
Festuca rubra	Seed: British Native-origin	4g/m²	28%	30971 g	7726,71m²
Galium album	Seed: British Native-origin	4g/m²	1%	1108 g	275,96m²
Geum urbanum	Seed: British Native-origin	4g/m²	0,8%	887 g	220,76m²
Hypericum perforatum	Seed: British Native-origin	4g/m²	1%	1108 g	275,96m²
Leucanthemum vulgare	Seed: British Native-origin	4g/m²	1%	1108 g	275,96m²
Plantago lanceolata	Seed: British Native-origin	4g/m²	1%	1108 g	275,96m²
Poa nemoralis	Seed: British Native-origin	4g/m²	1%	1108 g	275,96m²
Primula veris	Seed: British Native-origin	4g/m²	2,5%	2764 g	689,87m²
Primula vulgaris	Seed: British Native-origin	4g/m²	2%	2211 g	551,92m²
Prunella vulgaris	Seed: British Native-origin	4g/m²	2%	2211 g	551,92m²
Silene dioica	Seed: British Native-origin	4g/m²	2,5%	2764 g	689,87m²
Teucrium scorodonia	Seed: British Native-origin	4g/m²	2%	2211 g	551,92m²
Trifolium pratense	Seed: British Native-origin	4g/m²	1,4%	1549 g	386,33m²
Vicia cracca	Seed: British Native-origin	4g/m²	1%	1108 g	275,96m²
			Total:100%	Total:110485	Total:27566,44m²

Leather Lane Seeding Schedule Continued

GR02 NV-SL-PL-AM NNL (Restored to Existing) J1.1

Species	Specification	Density	%	Weight	Area
Cynosurus cristatus	Seed: British Native-origin	4g/m²	12%	7407 g	1851,33m²
Dactylis glomerata	Seed: British Native-origin	4g/m²	9%	5555 g	1388,5m²
Festuca rubra	Seed: British Native-origin	4g/m²	12%	7407 g	1851,33m²
Lolium perenne	Seed: British Native-origin	4g/m²	35%	21601 g	5399,72m²
Phleum bertolonii	Seed: British Native-origin	4g/m²	6%	3705 g	925,66m²
Poa pratensis	Seed: British Native-origin	4g/m²	9%	5555 g	1388,5m²
Schedonorus pratensis	Seed: British Native-origin	4g/m²	12%	7407 g	1851,33m²
Trifolium pratense	Seed: British Native-origin	4g/m²	3%	1853 g	462,84m²
Trifolium repens	Seed: British Native-origin	4g/m²	2%	1236 g	308,56m²
			Total:100%	Total:61726	Total:15427,77m²

Rev	Description	Drawn	Checked	Con App	HS2 App
C01	First Issue	RL 29/04/25	FA 30/04/25	JW 30/04/25	- -
					- -
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Scale with caution as distortion can occur.

Legends/Notes:

For Information:

Seeding:

- GR03 NV-SL-PL-LG NNL - B1.3.2 Calcareous Grassland
- GR06 NV-SL-PL-LG NNL B1.5 Wet Grassland
- GR02 NV-SL-PL-AM NNL J1.1 Restored to Existing
- GR03 NV-SL-PL-LG NNL - B1.3.2 Calcareous Grassland (Hydroseeding)
- GR02 NV-SL-PL-AM NNL B2.2 Shade Tolerant Grassland
- Proposed Habitat Feature
  BB = Basking Bank
  HB = Hibernaculum

Boundaries

- Application Boundary
- Limit of Deviation
- Limit of Land to be Acquired or Used

HS2

Registered in England
Registration No. 06791686
Registered office:
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Birmingham, B4 6GA

Creator/Originator: ALIGN JV

Zone: SOUTH HEATH TO STOKE MANDEVILLE

Design Stage: DETAILED DESIGN

Drawing Title: LEATHER LANE OVERBRIDGE SEEDING PLAN SHEET 1

Security Code: **OFFICIAL**

Project/Contract: HS2 - 1MC05 CONTRACT

Discipline/Function: TOWN AND COUNTRY PLANNING

Drawn	Checked	Approved
R.Lord	F.Allen	J.Woodhouse

Date	Scale	Size	Suitability
29/04/25	1:1000	A1	A4

Drawing No.: 1MC05-ALJ-TP-DPL-CS03_CL05-741006

Rev.: C01