

RUK Native Planting Buffer							
Botanical Name	Common Name	Height (Cm)	Root Zone	Specification	Mix %	Plants Per m2	Quantity
<i>Acer campestre</i>	Field Maple	100-120	B	1+1; Transplant - seed raised	10%	0.447	1026
<i>Carpinus Betulus</i>	Hornbeam	80-100	RB	1+1; Transplant: RB	5%	0.447	514
<i>Corylus avellana</i>	Hazel	60-80	B	1+2; Transplant - seed raised; branched; 3 brks	15%	0.447	1540
<i>Crataegus monogyna</i>	Common Hawthorn	60-80	BR	1+1; Transplant: BR	15%	0.447	1540
<i>Ilex aquifolium</i>	Holly	60-80	SL	Leader with laterals :C	15%	0.447	1540
<i>Lonicera periclymenum</i>	Common honeysuckle	60-80	2L	1+2; Transplant :Branched :3 brks :BR	5%	0.447	514
<i>Prunus spinosa</i>	Blackthorn	60-80	B	1+1; Transplant :BR	15%	0.447	1540
<i>Quercus robur</i>	English Oak	100-120	B	1+1 : Transplant : BR	10%	0.447	1026
<i>Rosa canina</i>	Dog Rose	60-80	B	1+1; Transplant - seed raised; branched; 3 brks	5%	0.447	514
<i>Sorbus aucuparia</i>	Rowan	80-100	B	1+1; Transplant - seed raised; branched; 3 brks	5%	0.447	514
						Total	10268

RUK Native Hedgerows Mix							
Botanical Name	Common Name	Height (Cm)	Root Zone	Specification	Mix %	Plants Per Linear M	Quantity
<i>Acer campestre</i>	Field Maple	60-80	B	1+1; Transplant - seed raised	10%	0.447	478
<i>Corylus avellana</i>	Hazel	60-80	B	1+2; Transplant - seed raised; branched; 3 brks	10%	0.447	478
<i>Crataegus monogyna</i>	Common Hawthorn	60-80	B	1+1; Transplant - seed raised	30%	0.447	1434
<i>Ilex aquifolium</i>	Holly	60-80	B	Leader with laterals: C	10%	0.447	478
<i>Lonicera periclymenum</i>	Common honeysuckle	60-80	2L	Leader with laterals: C	5%	0.447	240
<i>Prunus spinosa</i>	Blackthorn	60-80	B	1+1; Transplant: BR	10%	0.447	478
<i>Rosa canina</i>	Dog rose	60-80	B	1+1; Transplant - seed raised; branched; 3 brks	10%	0.447	478
<i>Ulex europaeus</i>	Gorse	30-40	B	Bushy :5 brks :C	5%	0.447	240
<i>Viburnum lantana</i>	Wayfaring tree	60-80	B	1+1; Transplant - seed raised; branched; 3 brks	10%	0.447	478
						Total	4782

RUK Option A Native Hedgerows Mix							
Botanical Name	Common Name	Height (Cm)	Root Zone	Specification	Mix %	Plants Per Linear M	Quantity
<i>Acer campestre</i>	Field Maple	60-80	B	1+1; Transplant - seed raised	10%	0.447	30
<i>Corylus avellana</i>	Hazel	60-80	B	1+2; Transplant - seed raised; branched; 3 brks	10%	0.447	30
<i>Crataegus monogyna</i>	Common Hawthorn	60-80	B	1+1; Transplant - seed raised	30%	0.447	89
<i>Ilex aquifolium</i>	Holly	60-80	B	Leader with laterals: C	10%	0.447	30
<i>Lonicera periclymenum</i>	Common honeysuckle	60-80	2L	Leader with laterals: C	5%	0.447	15
<i>Prunus spinosa</i>	Blackthorn	60-80	B	1+1; Transplant: BR	10%	0.447	30
<i>Rosa canina</i>	Dog rose	60-80	B	1+1; Transplant - seed raised; branched; 3 brks	10%	0.447	30
<i>Ulex europaeus</i>	Gorse	30-40	B	Bushy :5 brks :C	5%	0.447	15
<i>Viburnum lantana</i>	Wayfaring tree	60-80	B	1+1; Transplant - seed raised; branched; 3 brks	10%	0.447	30
						Total	299

RUK Option B Native Hedgerows Mix							
Botanical Name	Common Name	Height (Cm)	Root Zone	Specification	Mix %	Plants Per Linear M	Quantity
<i>Acer campestre</i>	Field Maple	60-80	B	1+1; Transplant - seed raised	10%	0.447	13
<i>Corylus avellana</i>	Hazel	60-80	B	1+2; Transplant - seed raised; branched; 3 brks	10%	0.447	13
<i>Crataegus monogyna</i>	Common Hawthorn	60-80	B	1+1; Transplant - seed raised	30%	0.447	40
<i>Ilex aquifolium</i>	Holly	60-80	B	Leader with laterals: C	10%	0.447	13
<i>Lonicera periclymenum</i>	Common honeysuckle	60-80	2L	Leader with laterals: C	5%	0.447	7
<i>Prunus spinosa</i>	Blackthorn	60-80	B	1+1; Transplant: BR	10%	0.447	13
<i>Rosa canina</i>	Dog rose	60-80	B	1+1; Transplant - seed raised; branched; 3 brks	10%	0.447	13
<i>Ulex europaeus</i>	Gorse	30-40	B	Bushy :5 brks :C	5%	0.447	7
<i>Viburnum lantana</i>	Wayfaring tree	60-80	B	1+1; Transplant - seed raised; branched; 3 brks	10%	0.447	13
						Total	132

Brook Enhancement Mix

RUK Wet Woodland Shrub (10%)							
Botanical Name	Common Name	Height (Cm)	Root Zone	Specification	Mix %	Plants Per m2	Quantity
<i>Cornus sanguinea</i>	Dogwood	60-80	BR	1+1; Transplant: BR	15%	1.5 Ctr	25
<i>Corylus avellana</i>	Hazel	60-80	BR	1+1; Transplant: BR	15%	1.5 Ctr	25
<i>Crataegus monogyna</i>	Hawthorn	60-80	BR	1+1; Transplant: BR	15%	1.5 Ctr	25
<i>Prunus spinosa</i>	Blackthorn	60-80	BR	1+1; Transplant :BR	15%	1.5 Ctr	25
<i>Salix aurita 'Delamere'</i>	Eared willow	60-80	BR	1+1; Transplant: BR	15%	1.5 Ctr	25
<i>Salix cinerea</i>	Grey willow	60-80	BR	1+1; Transplant: BR	10%	1.5 Ctr	16
<i>Viburnum opulus</i>	Guelder Rose	60-80	BR	1+1; Transplant: BR	15%	1.5 Ctr	25
						Total	166

Brook Enhancement Mix

RUK Wet Woodland Canopy (20%)							
Botanical Name	Common Name	Height (Cm)	Root Zone	Specification	Mix %	Plants Per m2	Quantity
<i>Alnus glutinosa</i>	Black Alder/Common alder	250-300	B	2x; Light Standard; clear stem 150-175cm; 3 breaks	30%	1.5 Ctr	98
<i>Betula pubescens</i>	Downy Birch	250-300	B	2x; Light Standard; clear stem 150-175cm; 3 breaks	25%	1.5 Ctr	82
<i>Quercus robur</i>	English Oak	250-300	B	2x; Light Standard; clear stem 150-175cm; 3 breaks	30%	1.5 Ctr	98
<i>Salix cinerea</i>	Grey Willow	250-300	RB	0/2; Cutting; branched; 3 breaks	15%	1.5 Ctr	49
						Total	327

Understory:			
Material Name	Specification	Total Tree	Quantity (m ³)
Mulch	1 metre diameter at 70mm depth	327	22.89

Brook Enhancement Mix

RUK Wet Woodland Understory (10%)							
Botanical Name	Common Name	Height (Cm)	Root Zone	Specification	Mix %	Plants Per m2	Quantity
<i>Ilex aquifolium</i>	Holly	80-100	BR	1+1 :Transplant :BR	20%	1.5 Ctr	33
<i>Malus sylvestris</i>	Crab apple	80-100	BR	1+1 :Transplant :BR	10%	1.5 Ctr	16
<i>Prunus padus</i>	Bird Cherry	80-100	BR	1+1 :Transplant :BR	20%	1.5 Ctr	33
<i>Quercus petraea</i>	Sessile Oak	80-100	BR	1+1 :Transplant :BR	20%	1.5 Ctr	33
<i>Salix cinerea</i>	Grey Willow	80-100	BR	1+1 :Transplant :BR	10%	1.5 Ctr	16
<i>Sorbus aucuparia</i>	Rowan	80-100	BR	1+1 :Transplant :BR	20%	1.5 Ctr	33
						Total	164

Carbon Sink Mix

RUK Woodland Core (75%)							
Botanical Name	Common Name	Height (Cm)	Root Zone	Specification	Mix %	Plants Per m2	Quantity
<i>Acer campestre</i>	Field Maple	250-300	RB	Light Standard :Clear Stem 150-175 :3 brks :2x :BR	15%	1.5 Ctr	1231
<i>Alnus glutinosa</i>	Alder	250-300	RB	Light Standard :Clear Stem 150-175 :3 brks :2x :BR	10%	1.5 Ctr	820
<i>Carpinus betulus</i>	Hornbeam	100-125	RB	Branched :5 brks :RB	15%	1.5 Ctr	1231
<i>Corylus avellana</i>	Common Hazel	100-125	RB	Branched :5 brks :RB	15%	1.5 Ctr	1231
<i>Quercus robur</i>	English Oak	250-300	RB	Light Standard :Clear Stem 150-175 :3 brks :2x :BR	15%	1.5 Ctr	1231
<i>Sorbus aucuparia</i>	Rowan	100-125	RB	Branched :5 brks :RB	10%	1.5 Ctr	630
<i>Sorbus torminalis</i>	Service Tree	250-300	RB	Light Standard :Clear Stem 150-175 :3 brks :2x :BR	5%	1.5 Ctr	411
<i>Tilia cordata</i>	Small-leaved Linden	250-300	RB	Light Standard :Clear Stem 150-175 :3 brks :2x :BR	15%	1.5 Ctr	1231
						Total	5335

Understory Planting:			
Seed Mix Name	Grams Per m2	Total Area (m2)	Quantity (kg)
EW1 Woodland Mixture	4	24613.77	984.5508

NOTE:

For seed mix species refer to suppliers information: [EW1 Woodland Mixture - Emorsgate Seeds \(wildseed.co.uk\)](#)

Carbon Sink Mix

RUK Woodland Edge (25%)							
Botanical Name	Common Name	Height (Cm)	Root Zone	Specification	Mix %	Plants Per m2	Quantity
<i>Acer campestre</i>	Field Mapel	60-80	RB	1+2 :Transplant	10%	1.5 Ctr	274
<i>Corylus avellana</i>	Common Hazel	60-80	RB	1+2 :Transplant	15%	1.5 Ctr	411
<i>Crataegus monogyna</i>	Hawthorn	60-80	RB	1+2 :Transplant	20%	1.5 Ctr	137
<i>Euonymus europaeus</i>	Spindle	80-100	RB	1+2 :Transplant	5%	1.5 Ctr	137
<i>Ilex aquifolium</i>	Holly	46-60	RB	1+2 :Transplant	5%	1.5 Ctr	137
<i>Malus sylvestris</i>	European Wild Apple	60-80	RB	1+2 :Transplant	5%	1.5 Ctr	137
<i>Prunus spinosa</i>	Blackthorn	60-80	RB	1+2 :Transplant	25%	1.5 Ctr	684
<i>Sambucus nigra</i>	Elderberry	60-80	RB	1+2 :Transplant	10%	1.5 Ctr	274
<i>Viburnum opulus</i>	European Cranberrybush	60-80	RB	1+2 :Transplant	5%	1.5 Ctr	137
						Total	2328

RUK EM2 Proposed Standard General Purpose Meadow

Seed Mix Name	Grams Per m2	Total Area	Total quantity/g
EM2 Standard General Purpose Meadow Mixture	4	432779	1731116

NOTE:

For seed mix species refer to suppliers information:
[EM2 Standard General Purpose Meadow Mixture - Emorsgate Seeds \(wildseed.co.uk\)](#)

RUK EM4 Proposed Wildflower for Clay Soils

Seed Mix Name	Grams Per m2	Total Area	Total quantity/G
EM4 Meadow Mixture for Clay Soils	4	9698	38792

NOTE:

For seed mix species refer to suppliers information:
[EM4 Meadow Mixture for Clay Soils - Emorsgate Seeds \(wildseed.co.uk\)](#)

RUK_Proposed Extra Heavy Standard Tree

Botanical Name	Common Name	Age	Girth(Cm)	Height (Cm)	Root Zone	Specification	Containment	Quantity
<i>Quercus robur</i>	English Oak	3x	12 to 14	350-425	C	clear stem 175-200; 75L		5

RUK_Proposed Standard Tree

Botanical Name	Common Name	Age	Girth(Cm)	Height (Cm)	Root Zone	Specification	Containment	Quantity
<i>Quercus robur</i>	English Oak	2x	08 to 10	250 - 300	C	clear stem 175-200; 25L		4
<i>Alnus glutinosa</i>	Black Alder/Common alder	2x	08 to 10	250 - 300	C	clear stem 175-200; 25L		4
<i>Acer campestre</i>	Field Maple	2x	08 to 10	250 - 300	C	clear stem 175-200; 25L		2
<i>Tilia cordata</i>	small-leaved lime	2x	08 to 10	250 - 300	C	clear stem 175-200; 25L		2



- NOTES:
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS.
 - FOR LANDSCAPE GENERAL ARRANGEMENT PLAN REFER TO DRAWINGS BSFS-RAMB-XX-DR-L-3001 AND 3002
 - FOR LANDSCAPE PLANTING PLANS REFER TO DRAWINGS BSFS-RAMB-XX-DR-L-3011 AND 3012
 - FOR LANDSCAPE DETAILS REFER TO DRAWINGS: BSFS-RAMB-XX-DR-L-3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028 AND 3029

Rev	Description	Date	By	App
P01	First Issue	17.05	LG	TM
P02	Amendments from first review	04.06	SL	IL
P03	Planting species and quantities changed	11.07	LG	IL
P04	Council Comments	15.10.24	LG	IL

BARKHAM_SOLAR_FARM



tel 020 7631 5291 fax 020 7323 4645 london@ramboll.co.uk
www.ramboll.co.uk

PLANTING_SCHEDULE

Scale:	N/A	Date:	15/10/2024	Drawn:	LG	Checked:	IL
Drawing No.: BSFS-RAMB-XX-DR-L-3013						Rev: P04	