

## Individual Trees

Number Species Common Name Height Specification

Total 7 No.

Proposed Treebelts / Woodland (6-10m high)

Number	Species	Common Name	Mix Species Contribution	Height	Specification	Density (1Ctr = 1m centres)	Area
2489 No.	Acer pseudoplatanus	Sycamore	5%	150-175cm	Feathered : 3 brks : 2x : B	1Ctr	
2489 No.	Alnus glutinosa	Common Alder	5%	60-100cm	1+1 : Transplant - seed raised : B	1Ctr	
888 No.	Corylus avellana	Common Hazel	5%	60-100cm	1+1 : Transplant - seed raised : Branched : 4 brks : B	1Ctr	
1235 No.	Crataegus monogyna	Common Hawthorn	25%	80-100cm	1+2 : Transplant - seed raised : Branched : 3 brks : B	1Ctr	
3964 No.	Ilex aquifolium	Common Holly	8%	100-125cm	Leader with laterals : RB	1Ctr	
3964 No.	Malus sylvestris	Common Crab Apple	8%	175-200cm	Feathered : 5 brks : 2x : B	1Ctr	
3472 No.	Prunus spinosa	Blackthorn	5%	60-80cm	1+1 : Transplant - seed raised : Branched : 3 brks : B	1Ctr	
8405 No.	Quercus petraea	Sessile Oak	17%	175-150cm	1+2 : Transplant - seed raised : Branched : 2 brks : B	1Ctr	
3472 No.	Salix cinerea	Grey Willow	7%	80-100cm	0/1 : Cutting : Branched : 2 brks : B	1Ctr	
Total 49508 No.			Total 100%		Total 49323.9m <sup>2</sup>		

Proposed Scrub Planting (5m high). Plant species randomly with maximum 7 single species clusters.

Number	Species	Common Name	Mix Species Contribution	Height	Specification	Density (1Ctr = 1m centres)	Area
2880 No.	Corylus avellana	Common Hazel	16%	60-100cm	1+1 : Transplant - seed raised : Branched : 3 brks : B	1Ctr	
5392 No.	Crataegus monogyna	Common Hawthorn	5%	60-100cm	1+2 : Transplant - seed raised : Branched : 3 brks : B	1Ctr	
1958 No.	Ilex aquifolium	Common Holly	1%	30-40cm	Leader with laterals : C	1Ctr	
1958 No.	Prunus spinosa	Blackthorn	1%	60-80cm	1+1 : Transplant - seed raised : Branched : 2 brks : B	1Ctr	
2136 No.	Quercus petraea	Sessile Oak	12%	175-200cm	Planted : 5 brks : 2x : B	1Ctr	
1235 No.	Rosa canina	Dog Rose	5%	60-80cm	1+1 : Transplant - seed raised : branched : 5 brks	1Ctr	
1250 No.	Salix cinerea	Grey Willow	7%	60-80cm	0/1 : Cutting : Branched : 2 brks : B	1Ctr	
Total 17790 No.			Total 100%		Total 17731.4m <sup>2</sup>		

Proposed Infill Shrub Planting (up to 5m high)

Number of Plants	Species	Common Name	Specification	Height	Density	Area
609 No.	Crataegus monogyna	Common Hawthorn	2x: Feathered	5 brks : B	200-250cm	1Ctr

Total 609 No.

Total 597.4m<sup>2</sup>

Proposed Cornish Hedgerow Planting (4-5m high). Plant at 0.5Ctr Double Staggered at 0.5m offset.

Number of Plants	Species	Common Name	Mix Species Contribution	Height	Specification	Density	Length
114 No.	Corylus avellana	Common Hazel	11%	80-100cm	1+2 : Transplant - seed raised : Branched : 4 brks : B	0.5Ctr Double	Staggered at 0.5m offset
328 No.	Crataegus monogyna	Common Hawthorn	32%	80-100cm	1+2 : Transplant - seed raised : B	0.5Ctr Double	Staggered at 0.5m offset
114 No.	Ilex aquifolium	Common Holly	11%	40-60cm	Leader with laterals : C	0.5Ctr Double	Staggered at 0.5m offset
92 No.	Malus sylvestris	Common Crab Apple	5%	60-80cm	1+1 : Transplant - seed raised : B	0.5Ctr Double	Staggered at 0.5m offset
114 No.	Prunus spinosa	Blackthorn	11%	80-100cm	1+2 : Transplant - seed raised : Branched : 3 brks : B	0.5Ctr Double	Staggered at 0.5m offset
114 No.	Quercus petraea	Sessile Oak	11%	80-100cm	1+1 : Transplant - seed raised : B	0.5Ctr Double	Staggered at 0.5m offset
62 No.	Rosa canina	Dog Rose	6%	40-60cm	1+1 : Transplant - seed raised : B	0.5Ctr Double	Staggered at 0.5m offset
62 No.	Salix cinerea	Grey Willow	6%	60-80cm	0/1 : Cutting : Branched : 2 brks : B	0.5Ctr Double	Staggered at 0.5m offset
62 No.	Ulex europeus	Common Gorse	6%	60-80cm	Bushy : brks	0.5Ctr Double	Staggered at 0.5m offset
Total 1032 No.			Total 100%		Total 230m		

Proposed Low Managed Hedgerow (up to 2m high). Plant at 0.5Ctr Double Staggered at 0.5m offset.

Number of Plants	Species	Common Name	Mix Species Contribution	Height	Specification	Density	Length
828 No.	Cornus sanguinea	Common Dogwood	20%	60-80cm	1+1 : Transplant - seed raised : Branched : 3 brks : B	0.5Ctr Double	Staggered at 0.5m offset
954 No.	Corylus avellana	Common Hazel	23%	60-80cm	1+1 : Transplant - seed raised : Branched : 4 brks : B	0.5Ctr Double	Staggered at 0.5m offset
1447 No.	Crataegus monogyna	Common Hawthorn	32%	80-100cm	1+2 : Transplant - seed raised : Branched : 4 brks : B	0.5Ctr Double	Staggered at 0.5m offset
86 No.	Lonicera periclymenum	European Honeysuckle	2%	60-80cm	Several Shoots : 2 brks : Caned	0.5Ctr Double	Staggered at 0.5m offset
211 No.	Prunus spinosa	Blackthorn	5%	80-100cm	1+2 : Transplant - seed raised : Branched : 3 brks : B	0.5Ctr Double	Staggered at 0.5m offset
410 No.	Rosa canina	Dog Rose	10%	40-60cm	1+1 : Transplant - seed raised : Provenance UK Area 405 : B	0.5Ctr Double	Staggered at 0.5m offset
121 No.	Sambucus nigra	Common Elder	5%	60-100cm	1+1 : Seedling : Provenance UK Area 405 : B	0.5Ctr Double	Staggered at 0.5m offset
Total 4151 No.			Total 100%		Total 92.8m		

Proposed Infill Hedgerow to southern boundary (up to 2m high). Plant at 0.5Ctr Double Staggered at 0.5m offset.

Number of Plants	Species	Common Name	Mix Species Contribution	Height	Specification	Density	Length
237 No.	Cornus sanguinea	Common Dogwood	20%	60-80cm	1+1 : Transplant - seed raised : Branched : 3 brks : B	0.5Ctr Double	Staggered at 0.5m offset
271 No.	Corylus avellana	Common Hazel	23%	80-100cm	1+2 : Transplant - seed raised : Branched : 4 brks : B	0.5Ctr Double	Staggered at 0.5m offset
411 No.	Crataegus monogyna	Common Hawthorn	32%	60-80cm	1+1 : Transplant - seed raised : Branched : 4 brks : B	0.5Ctr Double	Staggered at 0.5m offset
29 No.	Lonicera periclymenum	European Honeysuckle	2%	60-80cm	Several Shoots : 2 brks : Caned	0.5Ctr Double	Staggered at 0.5m offset
211 No.	Prunus spinosa	Blackthorn	5%	80-100cm	1+2 : Transplant - seed raised : Branched : 3 brks : B	0.5Ctr Double	Staggered at 0.5m offset
123 No.	Rosa canina	Dog Rose	10%	40-60cm	1+1 : Transplant - seed raised : Provenance UK Area 405 : B	0.5Ctr Double	Staggered at 0.5m offset
34 No.	Sambucus nigra	Common Elder	5%	60-100cm	1+1 : Seedling : Provenance UK Area 405 : B	0.5Ctr Double	Staggered at 0.5m offset
Total 1199 No.			Total 100%		Total 259.9m		

Meadow Grassland (Within fenced solar fields - Emorsgate EM2)

Area

342703.1m<sup>2</sup>

Tussocky Grassland (Outside of solar fields - Emorsgate EM10)

Area

112392.2m<sup>2</sup>

Wet Grassland (Rushes and Wet Grassland Widflowers - Emorsgate EM8)

Area

11459.9m<sup>2</sup>

Additional Plug Rush Planting to Wet Grassland

Number	Species	Common Name	Mix Species Contribution	Height	Specification	Density	Area
1169 No.	Butomus umbellatus	Flowering Rush	Plug: Well rooted	1m <sup>2</sup>		1164.8m <sup>2</sup>	

Total 1164.8m<sup>2</sup>

Additional Plug Planting to Proposed Ditch

Number	Species	Common Name	Specification	Density	Area
46 No.	Carex erubescens	False Fox Sedge	Plug: Well rooted	2m <sup>2</sup>	
46 No.	Lythrum salicaria	Purple Loosestrife	Plug: Well rooted	1m <sup>2</sup>	
113 No.	Myosoton aquaticum	Water Chickweed	Plug: Well rooted	5m <sup>2</sup>	
113 No.	Myosotis scorpioides	Water Forget-me-not	Plug: Well rooted	5m <sup>2</sup>	
69 No.	Potentilla palustris	Marsh Cinquefoil</			