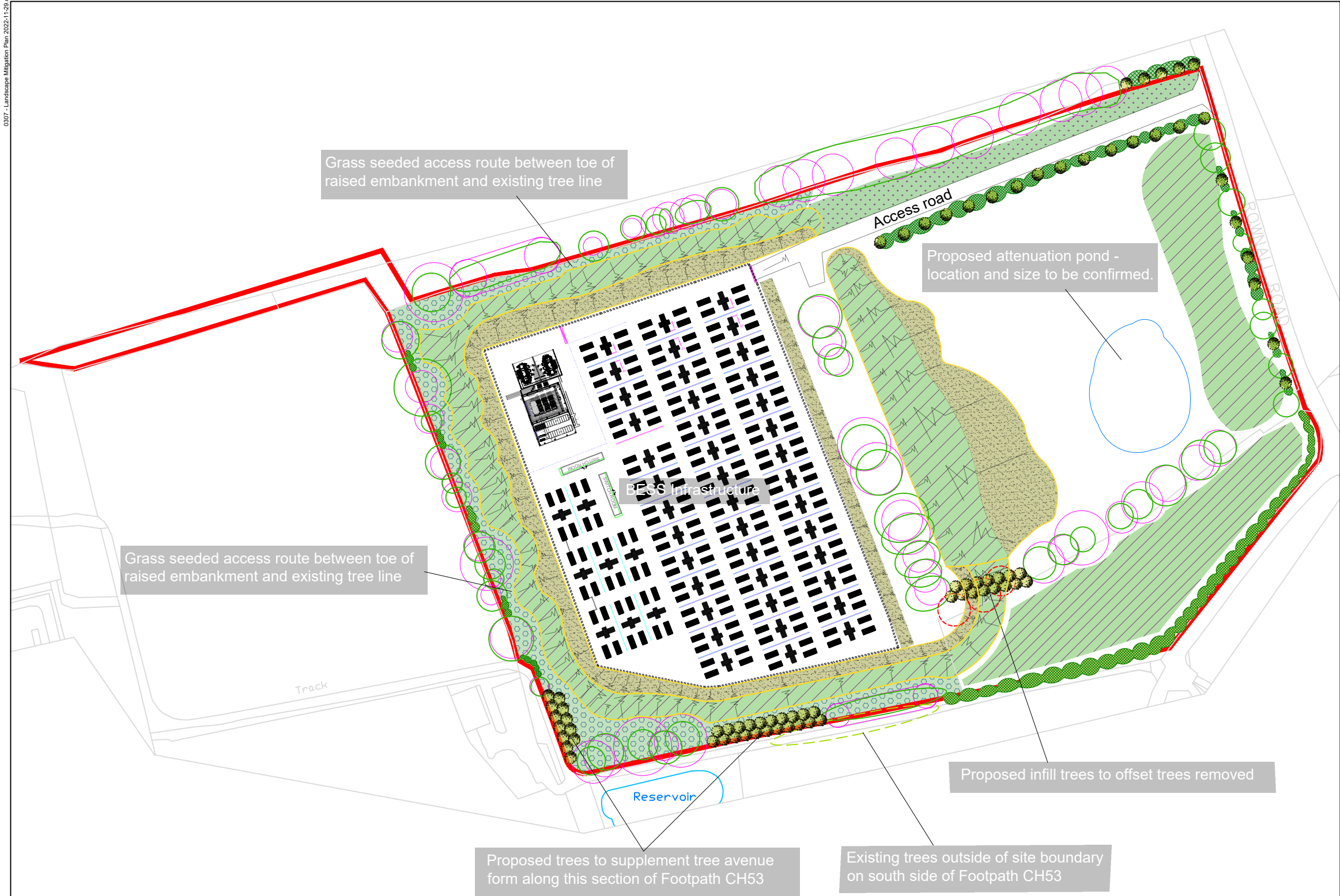


CELLARHEAD BATTERY STORAGE

Figure 6
Landscape Mitigation Plan



KEY

- Site Boundary
- Raised Embankment
- Indicative Slope Profile
- Acoustic Barrier
- Existing Trees and Tree Groups - retained
- Existing Trees - removed
- Root Protection Areas - existing trees and tree groups
- New Trees
- New Woodland Planting
- New Hedgerow with Hedgerow Trees
- New Hedgerow
- New Seeding on Re-profiled Ground
- New Field Margin Seeding
- New Seeded Access Route

This drawing is for planning purposes only and is not to be relied upon for contractual purposes.

New Native Hedgerow			
Species	Root condition	Height	%
Crataegus monogyna	BR (1+1)	60-80cm	50
Prunus spinosa	BR (1+1)	60-80cm	20
Corylus avellana	BR (1+1)	60-80cm	10
Viburnum opulus	BR (1+1)	60-80cm	5
Rosa canina	BR (1+1)	60-80cm	5
Ilex aquifolium	2L pot	2L pot	5
Sambucas nigra	BR (1+1)	60-80cm	5
			100
Hedgerow planted as a double staggered row, 300m apart, with 400mm between plants.			
New Native Hedgerow Trees			
Trees planted at 10m centres.			
Species	Root condition	Height	%
Acer campestre	RB (standard)	2.5 - 3m	10
Fagus sylvatica	RB (standard)	2.5 - 3m	30
Tilia cordata	RB (standard)	2.5 - 3m	30
Quercus robur	RB (standard)	2.5 - 3m	30
			100
BR - Bare Root RB - Root Ball			

Woodland Planting - Trees			
Trees planted at 5m centres.			
Species	Root condition	Height	%
Aesculus hippocastanum	RB (standard)	2.5 - 3m	20
Betula pendula ¹	RB (standard)	2.5 - 3m	40
Fagus sylvatica	RB (standard)	2.5 - 3m	10
Pinus sylvestris	RB (standard)	2.5 - 3m	10
Quercus robur	RB (standard)	2.5 - 3m	10
Tilia cordata	RB (standard)	2.5 - 3m	10
			100
RB - Root Ball			
Woodland Planting - Understorey			
Specimens planted at 2m centres			
Species	Root condition	Height	%
Crataegus monogyna	BR (1+1)	60-80cm	40
Sorbus aucuparia ¹	BR (1+1)	60-80cm	25
Corylus avellana ¹	BR (1+1)	60-80cm	20
Viburnum opulus	BR (1+1)	60-80cm	5
Rosa canina	BR (1+1)	60-80cm	5
Ilex aquifolium	2L pot	2L pot	5
			100
BR - Bare Root			
¹ Nurse species of quicker growing stock that can be later thinned / removed to establish planting screens quicker			

Tree Avenue Form			
Trees planted at 5m centres			
Species	Root condition	Height	%
Aesculus hippocastanum	RB (standard)	2.5 - 3m	60
Betula pendula ¹	RB (standard)	2.5 - 3m	20
Sorbus aucuparia ¹	RB (standard)	2.5 - 3m	20
			100
RB - Root Ball			
Infill Trees across embankment			
Trees planted at 5m centres			
Species	Root condition	Height	%
Aesculus hippocastanum	RB (standard)	2.5 - 3m	60
Betula pendula ¹	RB (standard)	2.5 - 3m	20
Sorbus aucuparia ¹	RB (standard)	2.5 - 3m	20
			100
RB - Root Ball			
¹ Nurse species of quicker growing stock that can be later thinned / removed to establish planting screens quicker			

Field Margin		sq. mtr	1944
		hectares	0.19
Emorsgate Seeds		Sowing rates (kg / ha)	Quantity
Farmland Stewardship Mixtures			
ESG2 - Fine Grassland Mixture	20		4
ESF1 - Meadow Flowers	2		0.39
Seeded Access Route			
		sq. mtr	6286
		hectares	0.63
Emorsgate Seeds		Sowing rates (kg / ha)	Quantity
ESG2 - Fine Grassland Mixture	220		138
Re-profiled ground			
		sq. mtr	10208
		hectares	1.02
Emorsgate Seeds		Sowing rates (kg / ha)	Quantity
EG10 - Tussock Grass Mixture	50		51

