

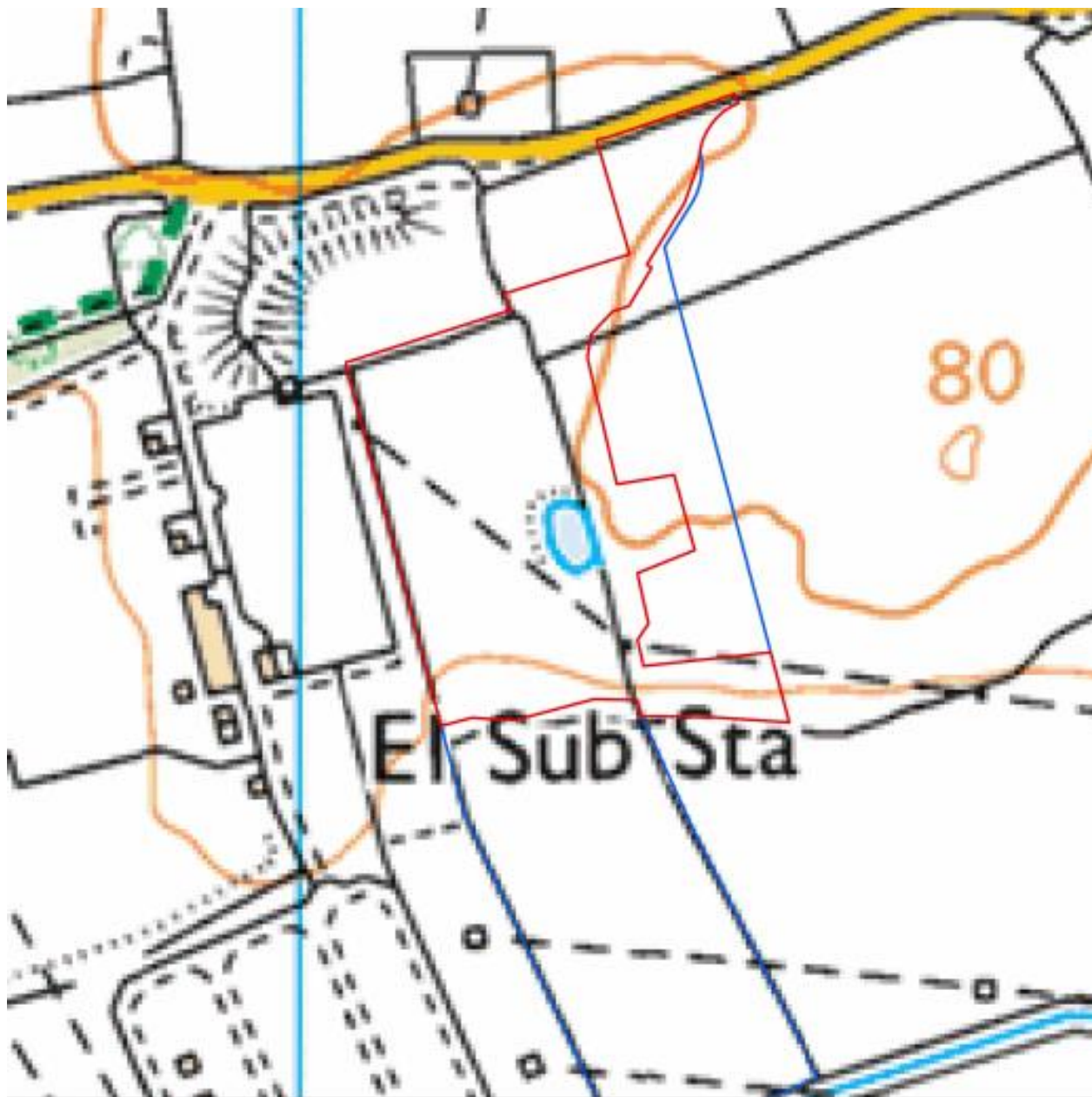
21/00195/FUL

Land South Of, Astwood Lane, Feckenham,  
Redditch, Worcestershire, B96 6HP

Construction of a Greener Grid Park comprising  
energy storage and grid balancing equipment,  
along with associated infrastructure,  
landscaping and access.

Recommendation: Grant subject to conditions


# Site Location Plan



# Local Plan Allocation Map



## Key

 Green Belt  
(Policy 8 Green Belt)

# Satellite View



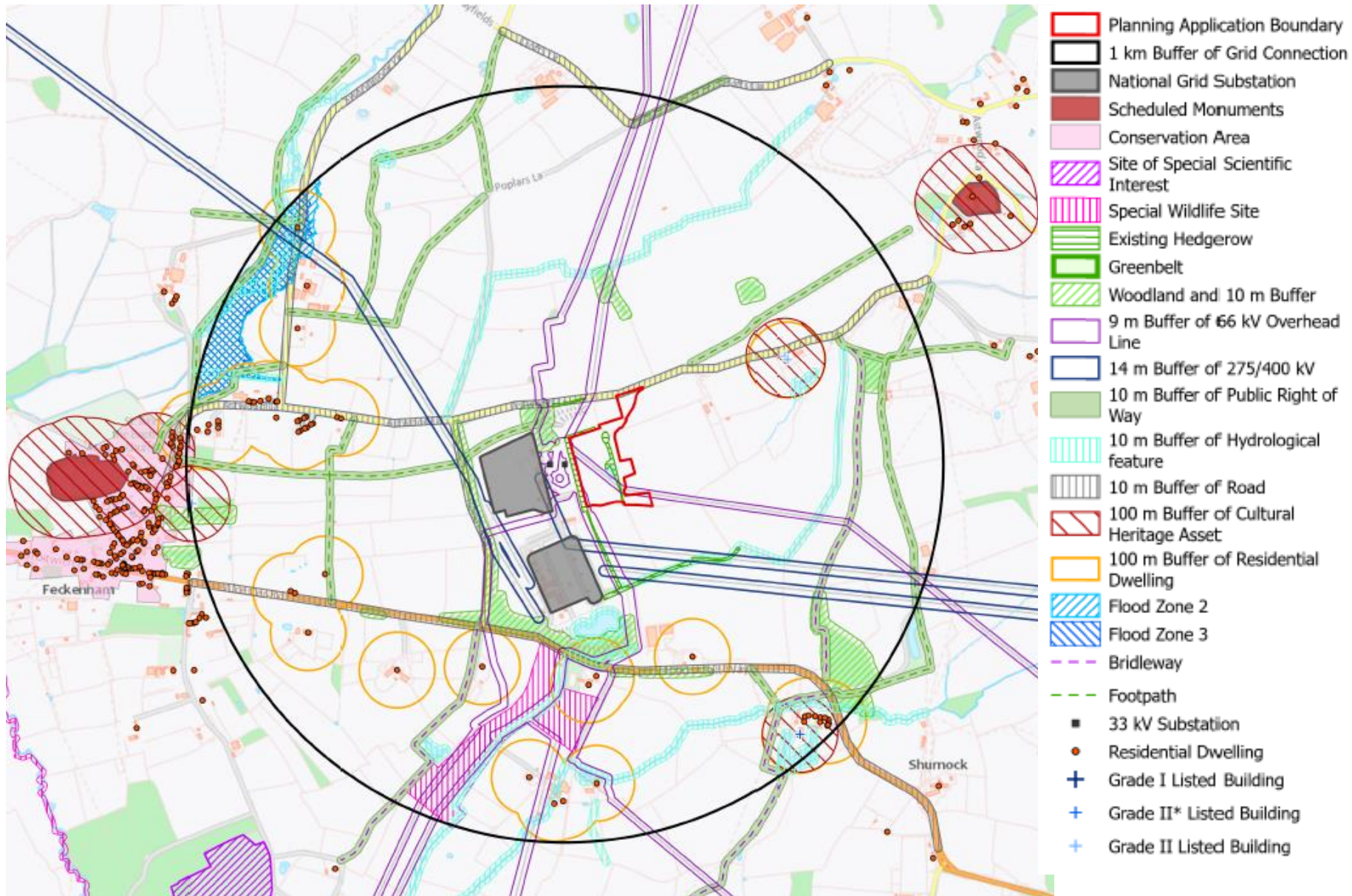


# Application Site Context

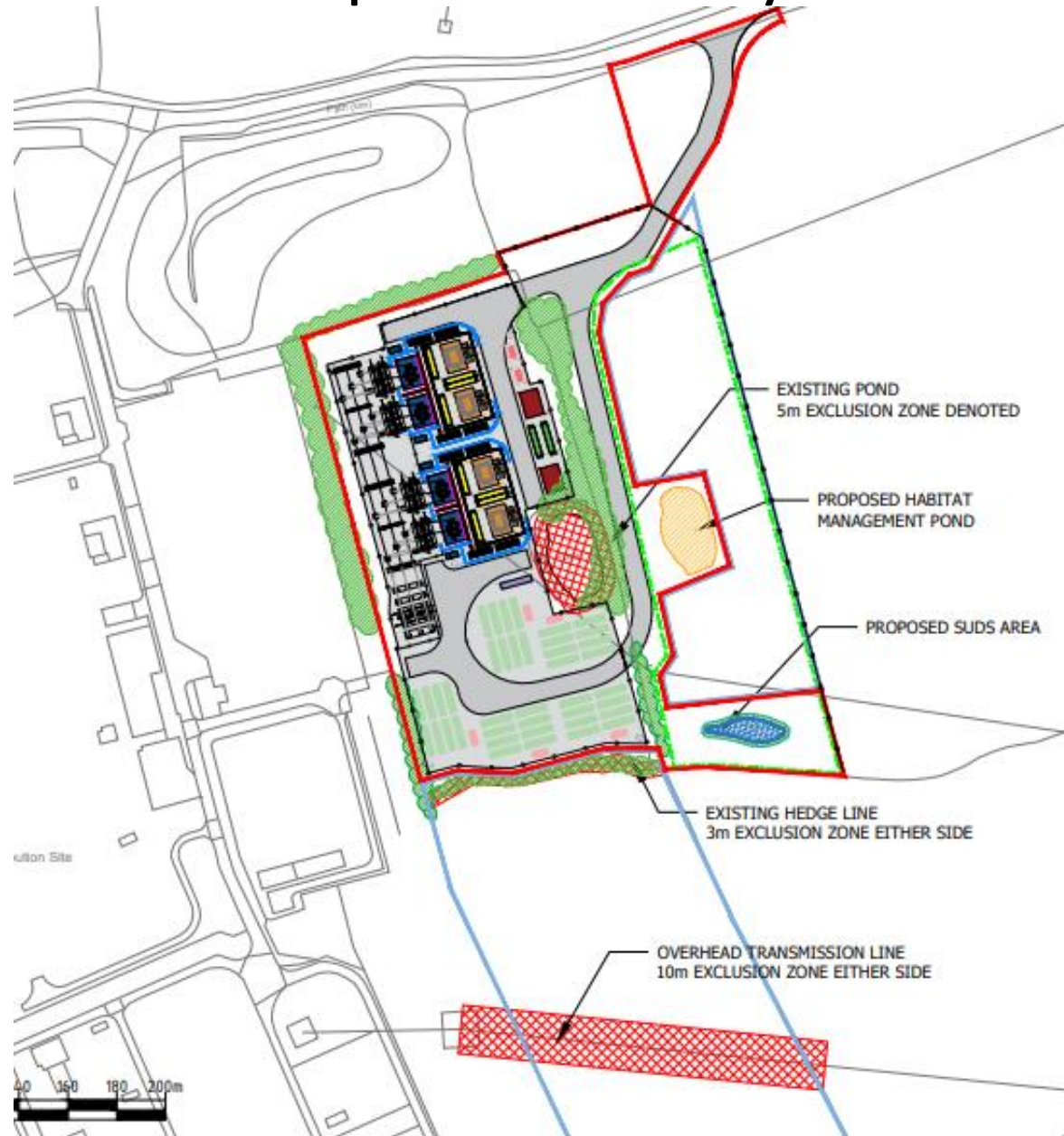
























# Constraints Plan

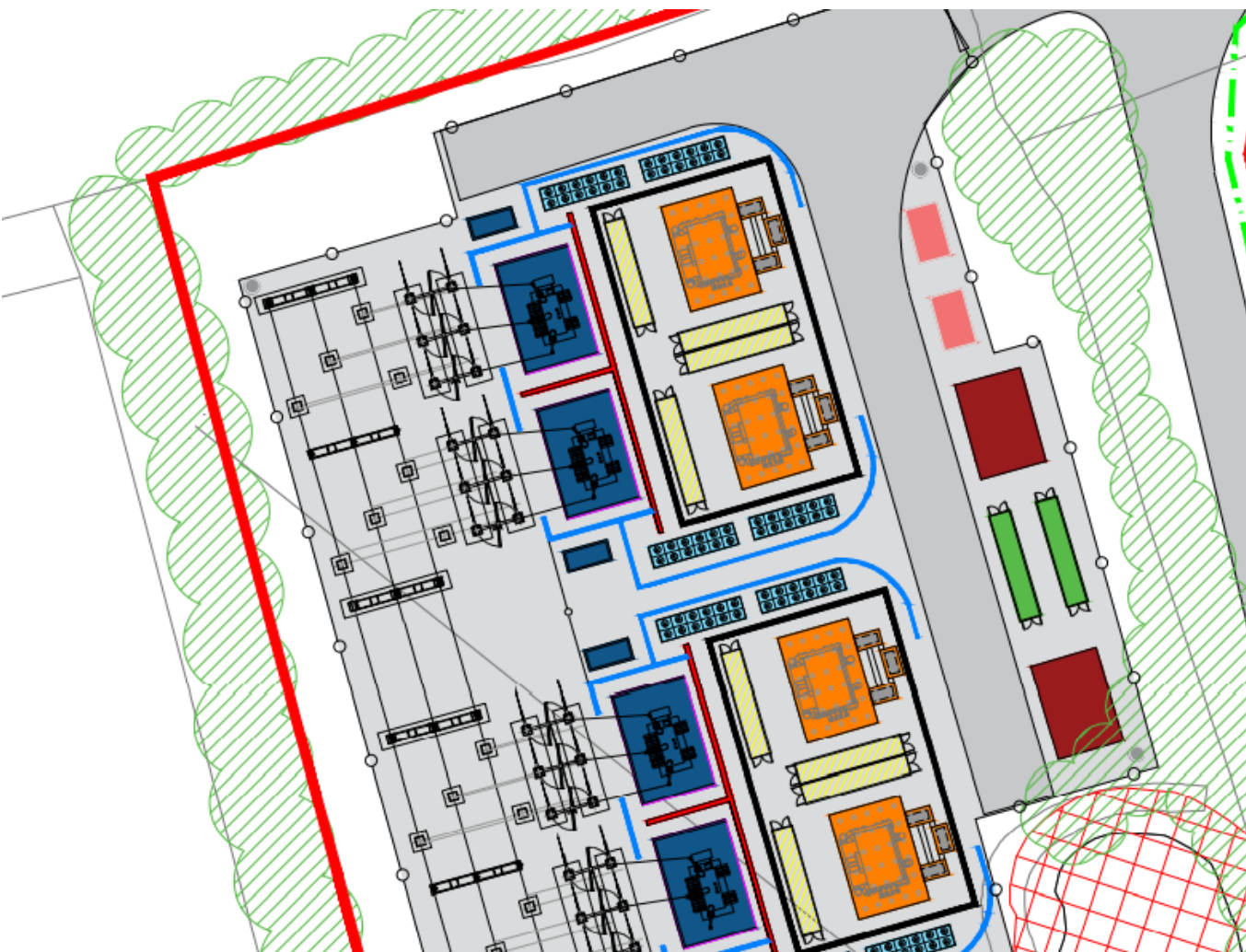


# Proposed Site Layout

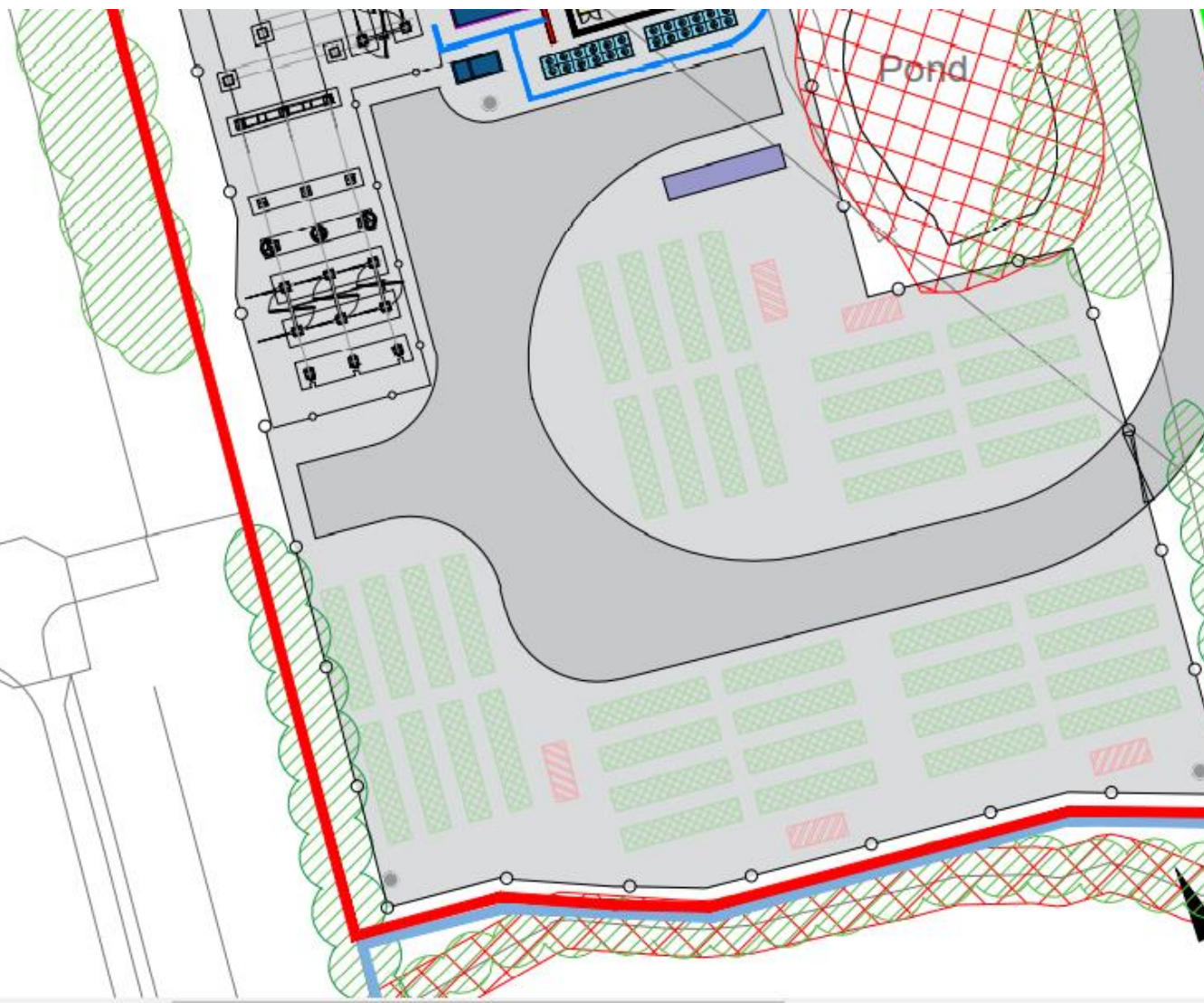




-  3.4m HIGH PALISADE FENCE
-  1.6 m STOCK PROOF FENCE
-  BATTERY (12.9m x 2.44m x 2.59m)
-  INVERTER (6.1m x 2.44m x 2.59m)
-  TRANSFORMERS WITH 7.0M HIGH CONNECTING BUS BARS
-  LV SWITCH HOUSE (7.5m x 9.1m x 3.5m)
-  FIRE WALL (0.5m x 10.0m)
-  BUILDING (20.7m x 36.7m x 10.0m TO ROOF PITCH)
-  E-HOUSE (ENCLOSED IN BUILDING 20.7m x 36.7m x 10.0m TO ROOF PITCH)
-  ENERGY MANAGEMENT SYSTEM (ENCLOSED IN BUILDING 20.7m x 36.7m x 10.0m TO ROOF PITCH)
-  COOLER (9.6m x 2.4m x 2.5m)
-  PROPOSED ROADS
-  EMERGENCY BACK UP DIESEL GENERATOR (6.1m x 3.6m x 2.9m)
-  COMMS HOUSE (12.19m x 2.44m x 2.59m)
-  6m SECURITY COLUMN
-  4m HIGH WALL
-  HABITAT MANAGEMENT AREA
-  WELFARE FACILITIES (12.9m x 2.44m x 2.59m)
-  CRUSHED AGGREGATE
-  INDICATIVE EXISTING VEGETATION







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- WELFARE FACILITIES (12.9m x 2.44m x 2.59m)
- CRUSHED AGGREGATE
- INDICATIVE EXISTING VEGETATION

# Proposed Access Junction





[illegible]



# PARKING SCHEDULE

Tree Number	Species	Height	Specification
15 No.	Acer campestre	150-175cm	Feather: BR
6 No.	Alnus glutinosa	150-175cm	Feather: BR
10 No.	Crataegus monogyna	150-175cm	Feather: BR
8 No.	Quercus robur	150-175cm	Feather: BR
10 No.	Salix caprea	150-175cm	Feather: BR
11 No.	Sorbus aucuparia	150-175cm	Feather: BR

## Proposed Native Species Woodland and Scrub Mix

Number	Species	Height	Specification	Density
228 No.	Acer campestre	60-80cm	1+1: Transplant: BR	0.2/m²
228 No.	Alnus glutinosa	60-80cm	1+1: Transplant: BR	0.2/m²
228 No.	Corylus avellana	60-80cm	1+1: Transplant: BR	0.2/m²
228 No.	Crataegus monogyna	60-80cm	1+1: Transplant: BR	0.2/m²
228 No.	Malus sylvestris	60-80cm	1+1: Transplant: BR	0.2/m²
228 No.	Prunus spinosa	60-80cm	1+1: Transplant: BR	0.2/m²
228 No.	Quercus robur	60-80cm	1+1: Transplant: BR	0.2/m²
228 No.	Salix caprea	60-80cm	1+1: Transplant: BR	0.2/m²
228 No.	Sorbus aucuparia	60-80cm	1+1: Transplant: BR	0.2/m²

Total: 2280 No.

## Native Species Woodland Screening Mix

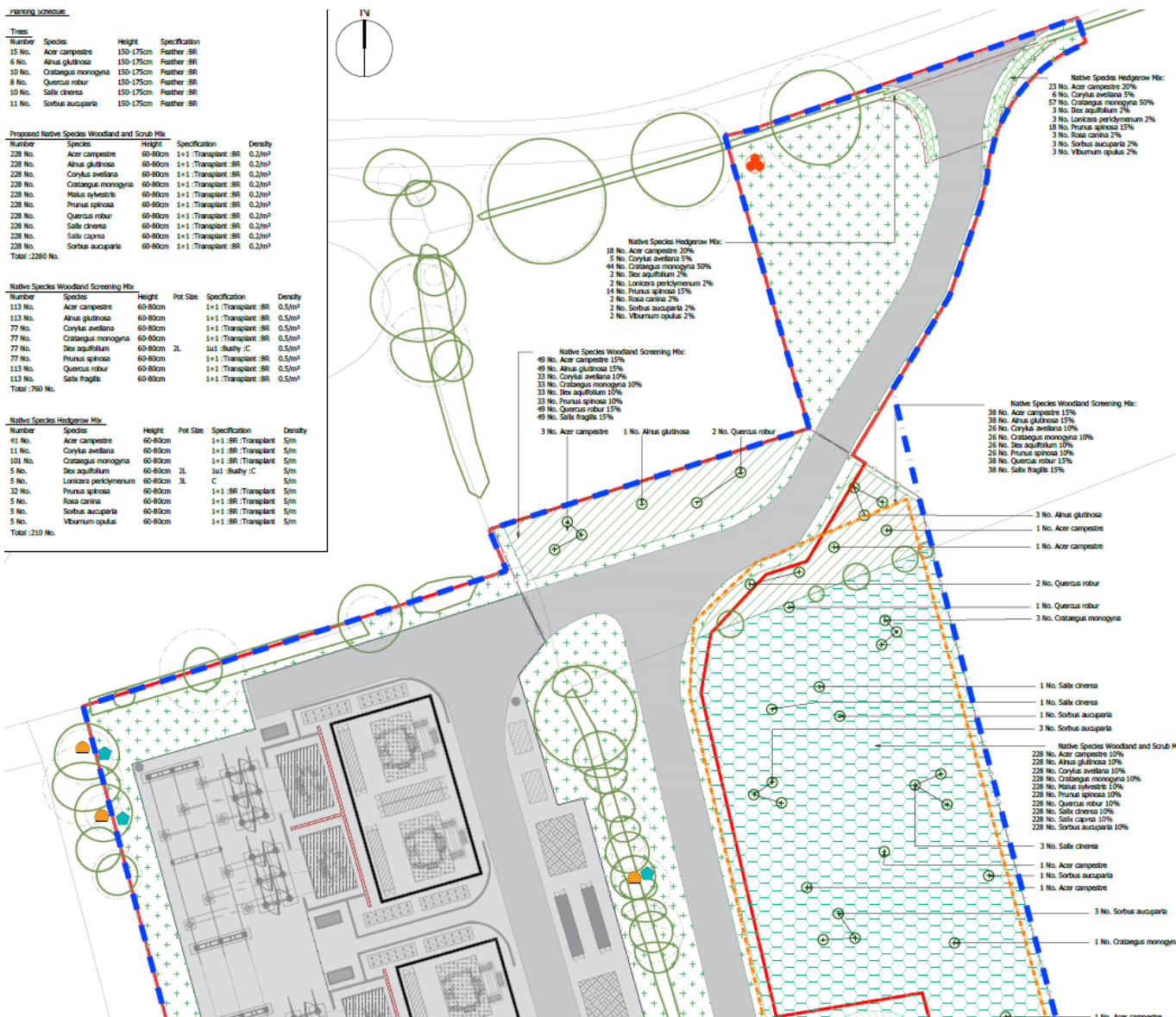
Number	Species	Height	Pot Size	Specification	Density
113 No.	Acer campestre	60-80cm	1+1	Transplant: BR	0.5/m²
113 No.	Alnus glutinosa	60-80cm	1+1	Transplant: BR	0.5/m²
77 No.	Corylus avellana	60-80cm	1+1	Transplant: BR	0.5/m²
77 No.	Crataegus monogyna	60-80cm	1+1	Transplant: BR	0.5/m²
77 No.	Ilex aquifolium	60-80cm	2L	1st: Bushy: C	0.5/m²
77 No.	Prunus spinosa	60-80cm	1+1	Transplant: BR	0.5/m²
113 No.	Quercus robur	60-80cm	1+1	Transplant: BR	0.5/m²
113 No.	Salix fragilis	60-80cm	1+1	Transplant: BR	0.5/m²

Total: 760 No.

## Native Species Hedgerow Mix

Number	Species	Height	Pot Size	Specification	Density
41 No.	Acer campestre	60-80cm	1+1: BR	Transplant: 5/m	
11 No.	Corylus avellana	60-80cm	1+1: BR	Transplant: 5/m	
101 No.	Crataegus monogyna	60-80cm	1+1: BR	Transplant: 5/m	
5 No.	Ilex aquifolium	60-80cm	2L	1st: Bushy: C	5/m
5 No.	Malus sylvestris	60-80cm	2L	C	5/m
32 No.	Prunus spinosa	60-80cm	1+1: BR	Transplant: 5/m	
5 No.	Quercus robur	60-80cm	1+1: BR	Transplant: 5/m	
5 No.	Salix caprea	60-80cm	1+1: BR	Transplant: 5/m	
5 No.	Sorbus aucuparia	60-80cm	1+1: BR	Transplant: 5/m	
5 No.	Viburnum opulus	60-80cm	1+1: BR	Transplant: 5/m	

Total: 210 No.



## EXISTING FEATURES



Existing Tree/vegetation to be Retained  
For details refer to existing tree survey



RPA (Root Protection Area)



Existing Vegetation to be Removed



Existing Pond to be Retained

## PROPOSED FEATURES



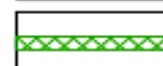
Proposed Native Species Woodland Screening Planting  
Total Area: 1153m²



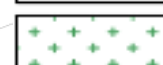
Proposed Native Species Woodland and Scrub Mix  
Total Area: 1024m²



Proposed Specimen Tree Planting



Proposed Native Species Hedgerow Mix  
Total: 39m



Proposed Existing Grassland Retained



Proposed Pond Edge Mixture:  
Emorsgate EP1  
(Containing Hemp Agrimony and Common Fleabane)  
Total Area: 352m²  
Sown at a rate: 4g per m² (40kg per ha)



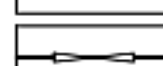
Proposed Bird Boxes



Proposed Bat Boxes



Proposed 3.4m High Security Fencing



Proposed Site Access Gate



Proposed Stock Proof Fencing  
(2 m high timber post and wire)



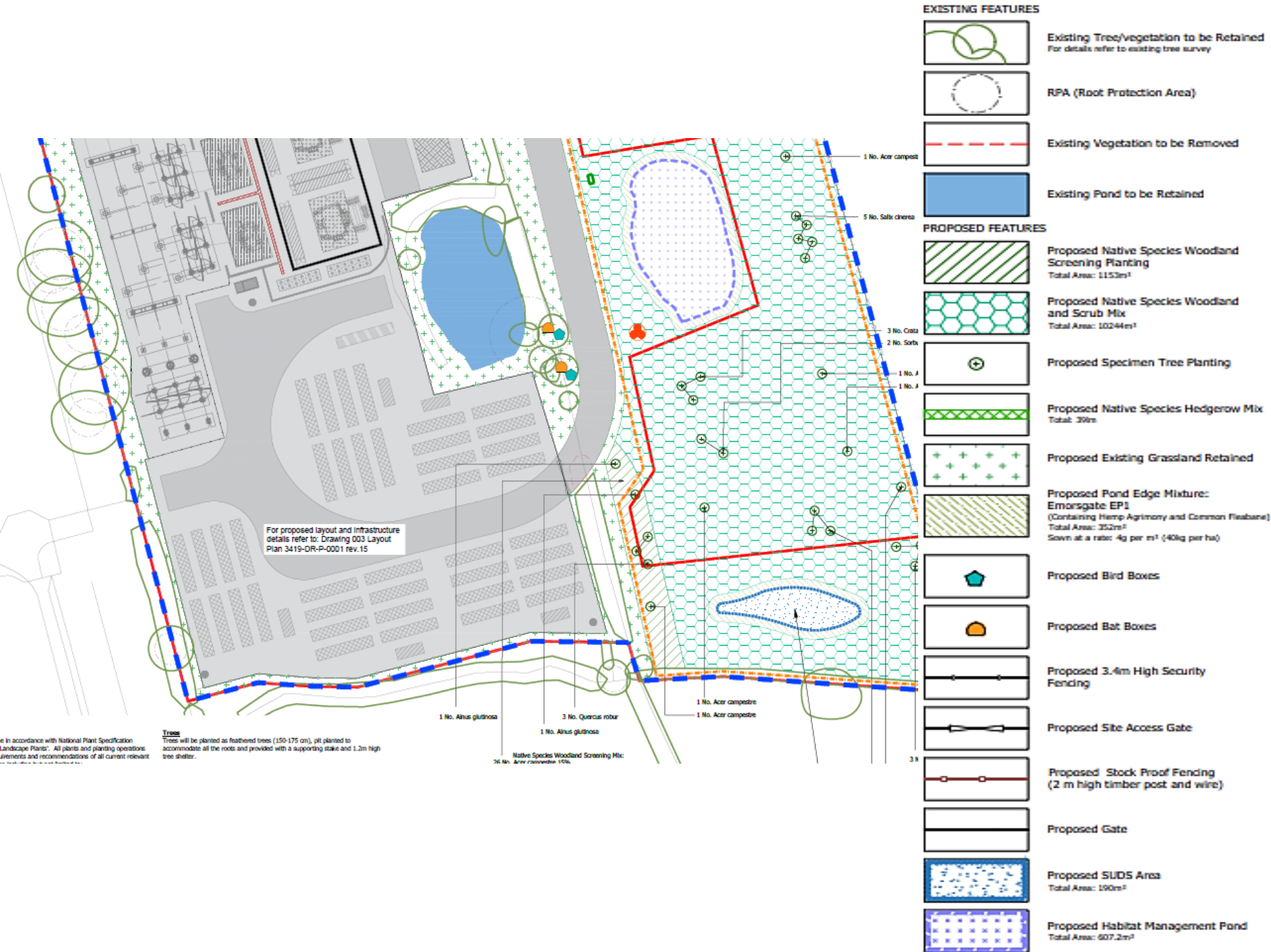
Proposed Gate



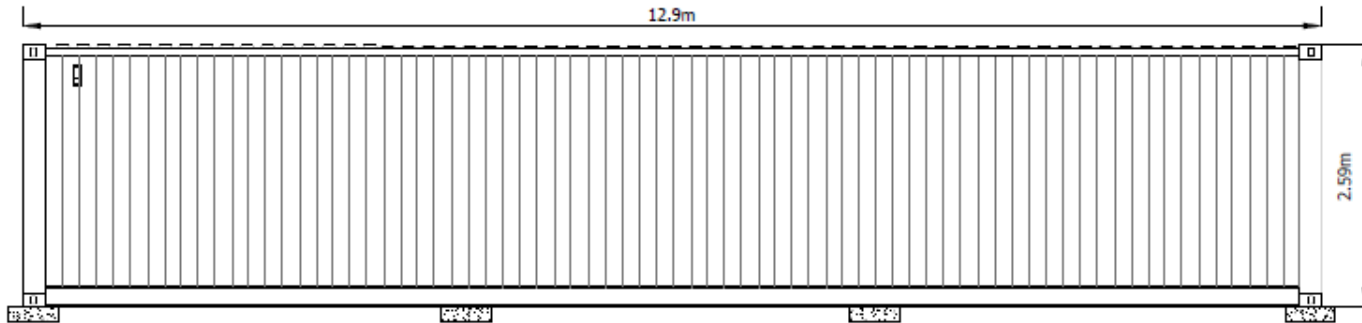
Proposed SUDS Area  
Total Area: 190m²



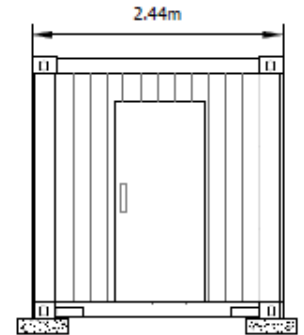
Proposed Habitat Management Pond  
Total Area: 507.2m²



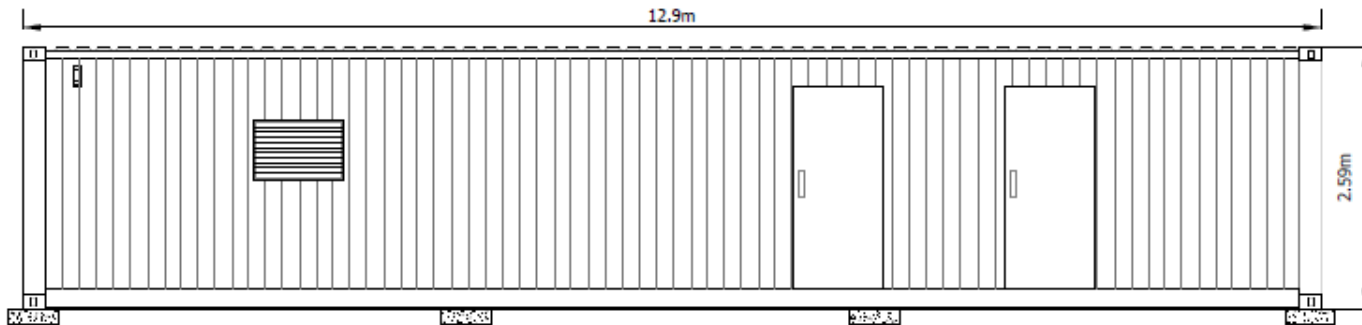
# Battery Container



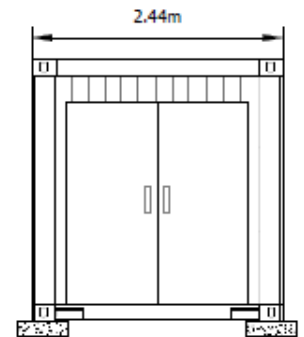
FRONT ELEVATION



END ELEVATION



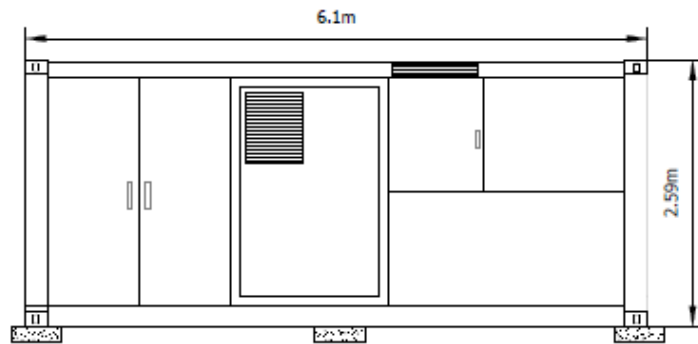
REAR ELEVATION



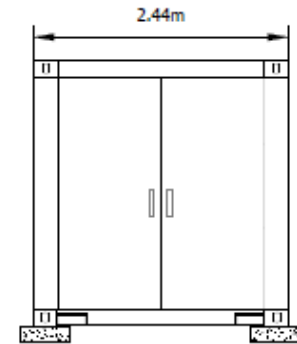
END ELEVATION



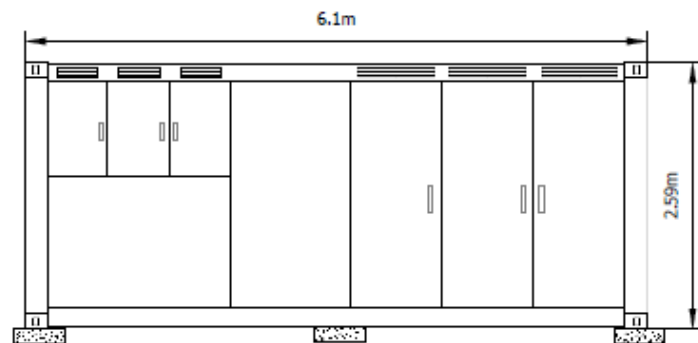
# Inverter Units



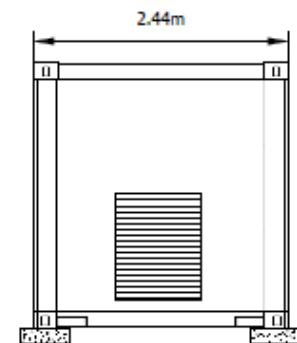
FRONT ELEVATION



END ELEVATION

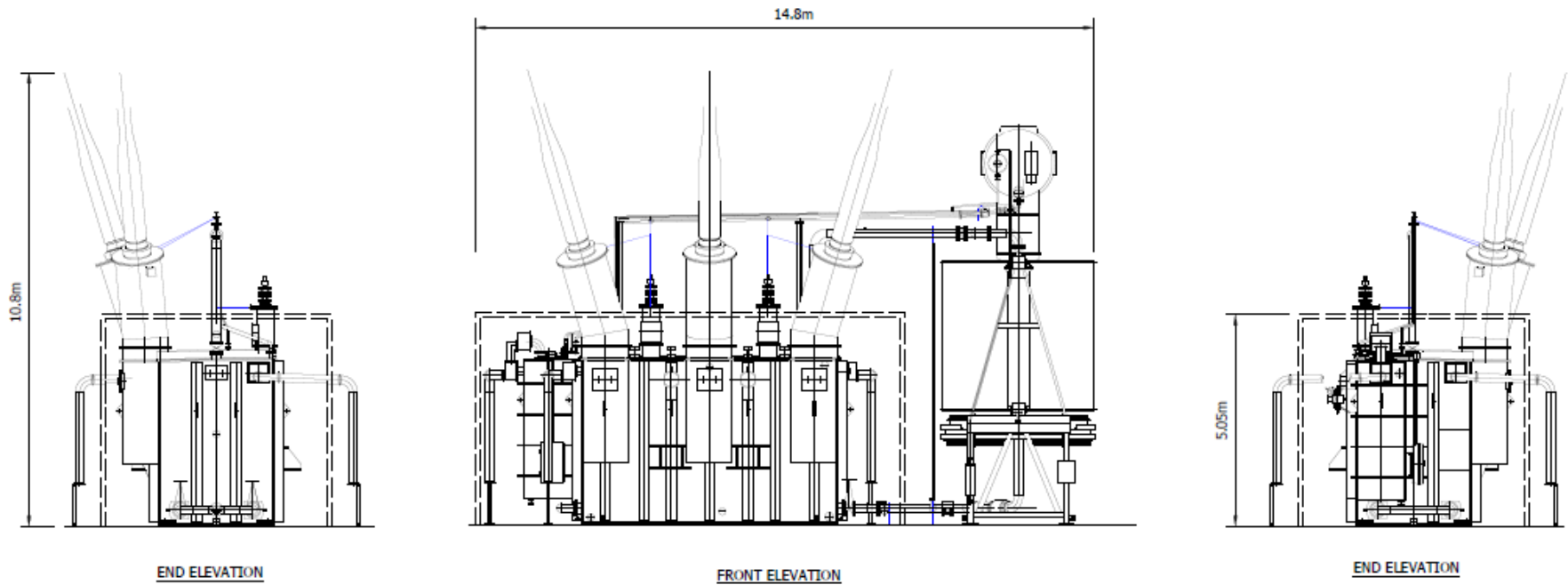


REAR ELEVATION



END ELEVATION

# Transformers



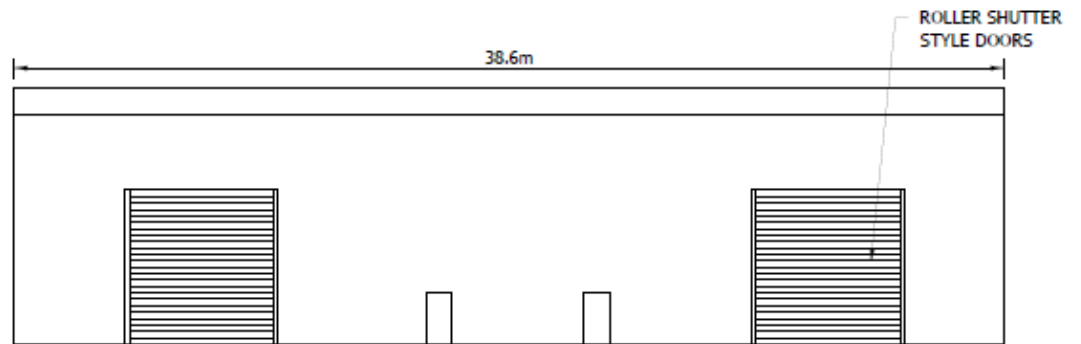
# Energy Management Building



PLAN



END ELEVATION



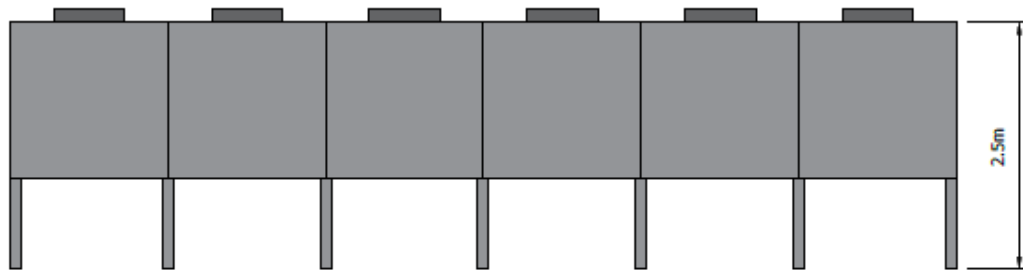
ELEVATION



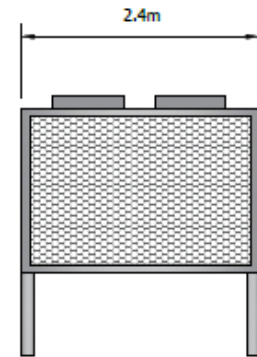
# Coolers



PLAN

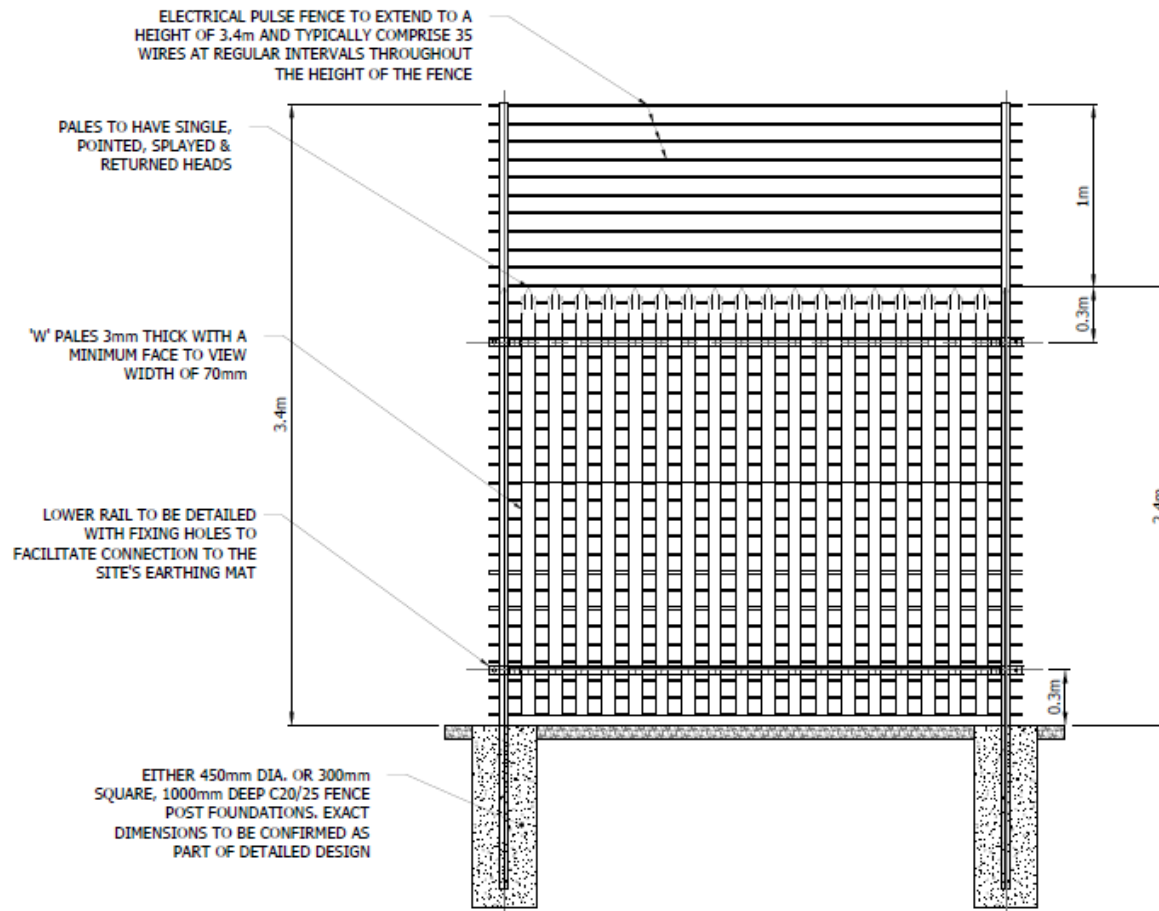


ELEVATION

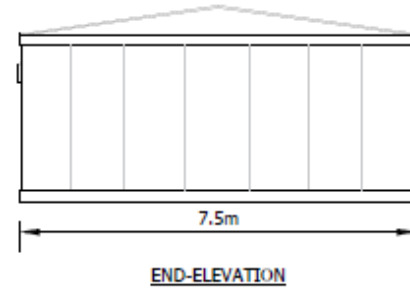
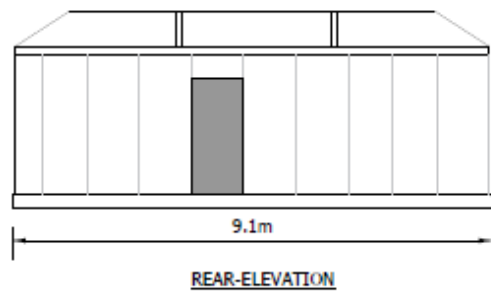
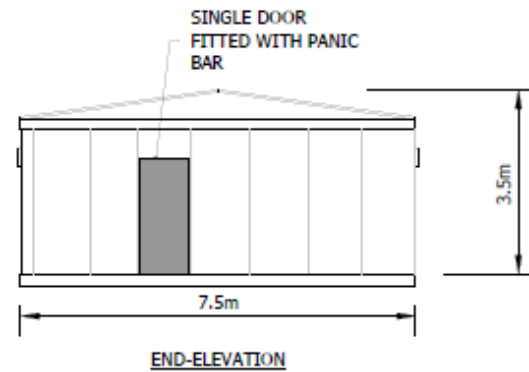
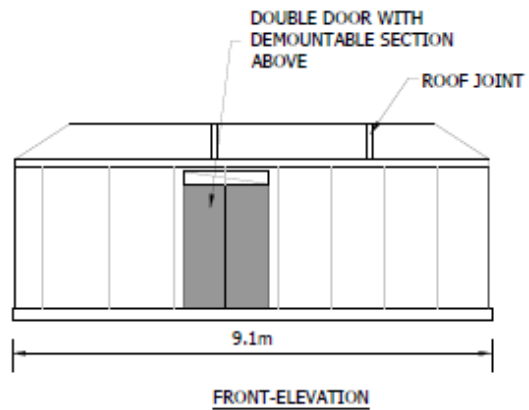


END ELEVATION

# Fencing



# Switch Houses



# Viewpoint 1: Bridleway RD-786, Looking West





# Viewpoint 2: Bridleway RD-786, Looking Northwest



# Viewpoint 3: Bridleway RD-787, near Shurnock Court, Looking North-West





# Viewpoint 4: Astwood Lane and permissive footpath, Looking South



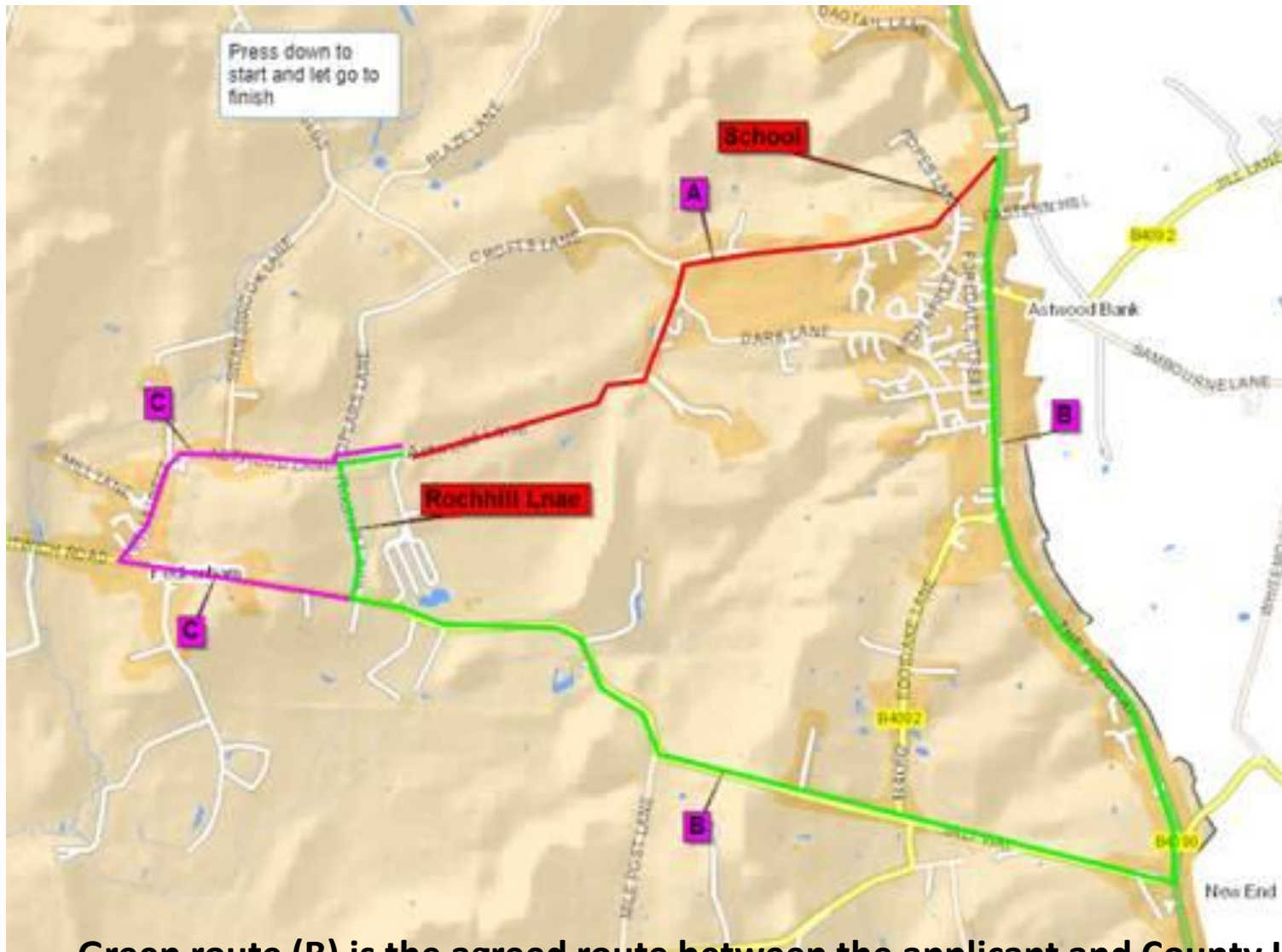
Photomontage Showing Proposed Development - No mitigation



Photomontage Showing Proposed Development - Mitigation Year 15



# Proposed HGV Routing Plan



**Green route (B) is the agreed route between the applicant and County Highways Plan produced by County Highways**