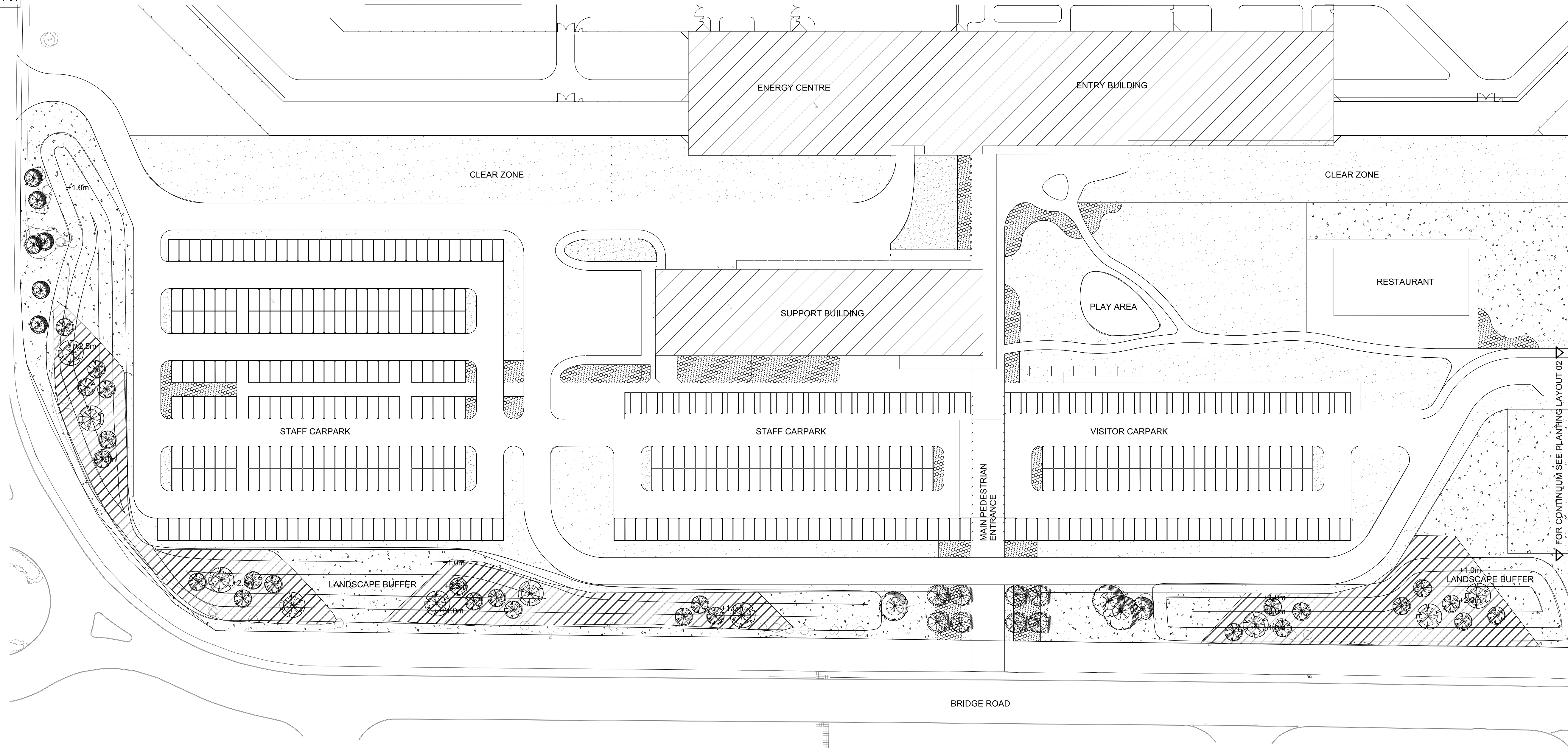




KEY

Existing Trees

Structure Trees/ Buffer Trees

Native Screen Mix

Amenity Planting

Amentity Grass

Meadow Grass

Amenity planting					
TREES Species	Form	Age	Girth	Height	Root
Tilia cordata 'Greenspire' (main avenue trees)	Standard	2x	20-25cm	5.0-7.0m	RB
SHRUB PLANTING					
Species	Cont.		Size (cm)		Density
Carpinus betulus (hedge)	tsp 1+1		60-80cm		3/m²
Cornus sanguinea 'Midwinter Fire'	3L		40-60cm		4/m²
Fagus sylvatica (hedge)	tsp 1+1		60-80cm		3/m²
Ligustrum ovalifolium (hedge)	tsp 1+1		60-80cm		3/m²
Lonicera nitida	3L		30-50cm		4/m²
Potentilla fruticosa	3L		40-60cm		4/m²
Rosa rugosa 'Alba'	3L		40-60cm		4/m²
Viburnum tinus	3L		40-60cm		4/m²

Landscape Buffer						
(N)- denotes English native plant						
TREES Species	Form	Age	Girth	Height	Root	%
Alnus glutinosa (N)	Standard	2x	8-10cm	3.0-4.0m	RB	17%
Betula pendula (N)	Standard	2x	10-12cm	3.0-4.0m	RB	17%
Prunus avium (N)	Standard	2x	12-14cm	4.5-6.25m	RB	17%
Pinus sylvestris (N)	Standard	2x	10-12cm	3.5-4.25m	RB	17%
Quercus robur (N)	Standard	2x	18-20cm	4.5-6.25m	RB	7%
Sorbus aucuparia (N)	Standard	2x	10-12cm	3.5-4.25m	RB	17%
Tilia cordata (N)	Standard	2x	18-20cm	4.5-6.25m	RB	7%

NOTE: All whips to be protected by proprietary tree shelters or similar. All plants to be at 1.5m centres in single species group of 2-9

NATIVE SCREEN MIX:	Form	Size	%
Corylus avellana (N)	BR 1+1trans.	40-60cm	10%
Crataegus monogyna (N)	BR 1+1trans.	60-80cm	15%
Ilex aquifolium (N)	2L	40-60cm	15%
Rosa canina (N)	BR 1+1 trans.	40-60cm	10%
Pinus sylvestris (N)	BR 1+1 trans.	80-100cm	20%
Sambucus nigra (N)	BR 1+1 trans.	80-100cm	5%
Salix caprea (N)	BR 1+1 trans.	60-80cm	5%
Salix cinerea (N)	BR 1+1 trans.	60-80cm	10%
Taxus baccata (N)	BR 1+1 trans.	60-80cm	5%
Viburnum opulus (N)	BR 1+1 trans.	60-80cm	5%

GRASS SEED MIX:
Amenity Grass
British Seed Houses (or similar approved) - A4 Low Maintenance Lawn Mix - Sown at 35g/m2
Wildflower Meadow
YSJ Seeds (or similar approved) - Wild Flower Meadow - NFS5 Downland Mix - Sown at 5g/m2
To include: creeping cinquefoil, tormentil, agrimony and common and greater bird's-foot-trefoil

DESIGN STATEMENT:

- The landscape buffer along the north west boundary has been designed in line with The Ecological Mitigation Strategy & Habitat Management Plan and Ecologists recommendations. Earth mounding will be planted with native trees and shrubs to screen and buffer the development from the surrounding roads and housing. Planting comprises standard trees, feathered trees and shrubs within a understory of short sward grassland.
- Valuable existing trees will be retained where possible; where they do not inhibit the prison construction or the prison security. Existing trees retained will be secured by protective fencing during construction works in accordance with 'BS5827:2012 Trees In Relation To Construction'. Awaiting Tree Survey results to determine existing tree proposals (retentions and removals).
- Bridge Road land: please refer to design info already submitted.
- Awaiting results of site Investigation work and contamination assessment to determine the proposed soil strategy. Existing topsoil arising from excavation / recovered from site will be retained and re-used where the soils meet British Standards.
- Perimeter boundaries not indicated will include a 15m wide 'clear zone' of mown managed amenity grass against the outer fence. Outside of this will be a 10-15m wide perimeter ecology zone (NE / SE/ SW). 50% will be managed as low fertility bare ground (sub soil) to be colonised naturally. The other 50% will include areas of scattered seed of food plants for the grizzled skipper (creeping cinquefoil, tormentil, agrimony) and the dingy skipper (common and greater bird's-foot-trefoil).
- The perimeter site boundaries not illustrated will include a 15m wide 'clear zone' of mown and managed amenity grass against the outer fence. Outside of this will be a 10-15m wide perimeter ecology zone (NE / SE / SW boundaries); 50% will be managed as low fertility bare ground (sub soil) to be colonised naturally. It will also include areas of scattered seed of food plants for the grizzled skipper (creeping cinquefoil, tormentil, agrimony) and the dingy skipper (common and greater bird's-foot-trefoil). This detail is required to meet both The MOJ security requirements and address the ecological mitigation requirements.
- Lend Lead confirm the proposals meet the security requirements of the MOJ. Capita confirm the proposals are compliant with the agreed Mitigation Plan.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

Refer to the relevant Construction (Design and Management) documentation where applicable.

It is assumed that all works on this drawing will be carried out by a competent contractor, working where appropriate to an approved method statement.

Location Key Plan (Not To Scale)

C	Notes added	14/10/14
B	Notes added	03/10/14
A	Revised bund design	02/10/14

Revision	Description	Date

Designers	

Project	North Wales Prison
Title	Planting Layout 01 Public Entrance Zone

DRAWING STATUS: Planning	
Project No. CS 070997	Scale & Size 1:500 @A1
Drawing Identifier NWP - LA - CAP - 099 - DR - XX - 501	Revision C