LODGE 01
130.650 FFL

LODGE 02
130.650 FFL

LODGE 03
131.150 FFL

LODGE 04
131.150 FFL

HABITAT A - MALE
AREA: 800m2

HABITAT C - MIXED
1050m2

EXISTING POND

HABITAT B - MAIN HABITAT
AREA: 1600m2

TIGER HABITAT

DZ LEGEND

EXISTING TREES RETAINED
Trees to be retained as part of the development.
Refer to drawing: P22009-00-001-DZ-0103-00
Tree Removal Plan

TREE RPA EXTENT
Dashed line denotes the extent of the tree RPA

PROPOSED NATIVE TREE PLANTING
Proposed tree planting for the scheme to include a range of standard and heavy standard specimens including the following:
- Sorbus aria
- Quercus Ilex
- Populus Tremula
- Populus Alba
- Betula pubescens
- Prunus avium

PROPOSED FEATURE TREE PLANTING
Proposed tree planting for the scheme to include a range of heavy standard and semi mature specimens including the following 'Feature' Trees:
- Albizia julibrissin 'Boubri'
- Magnolia Grandiflora
- Catalpa Bignonioides Aurea
- Koelreuteria Paniculata
- Sorbus 'Dodong'
- Ginkgo biloba 'Fastigata 'Blagon'
- Liriodendron tulipifera
- Platanus orientalis 'Minaret'
- Quercus Phellos
- Arbutus unedo
- Sorbus aucuparia 'Asplenifolia'
- Paulownia tomentosa

NATIVE 'SCRUB ' PLANTING
Proposed grassland / scrub mosaic of native species to form areas of scrub planting. Mix to include the following species:
- Crataegus monogyna
- Hippophae rhamnoides
- Corylus avellana
- Prunus spinosa
- Sorbus aucuparia
- Rubus fruticosus
- Rosa canina
- Salix Carprea
- Sambucus Nigra

'THEMED' PLANTING
Proposed planting of specimen shrub, herbaceous and grass species, throughout the public realm evoking a sense of 'Indonesia', to include the following species. Final planting mixes to be developed*

Bamboo & Shrubs to include:
Fargesia rufa
Phyllostachys bissetii
Phyllostachys nigra
Fatsia Japonica
Rogersia aesculifolia
Fatsia Polycarpa Green Fingers
Tetrapanax Papyrifer
Chamaerops Humilis Cerifera
Trachycarpus Fortunei
Gunnera Manicata
Mahonia Eurybracteata Soft Caress

Herbaceous to include:
Acanthus hungaricus
Astilbe 'Bressingham Beauty'
Ajuga reptans 'Catlin's Giant'
Actaea simplex Atropurpurea
Bistorta officinalis 'Superba'
Bergenia Bressingham White
Liriope Muscari
Ligularia 'The Rocket'
Persicaria Affinis Darjeeling Red
Penstemon digitalis 'Husker Red'
Polygonatum × hybridum
Sedum Spectabile Autumn Joy
Tiarella 'Spring Symphony'
Dryopteris wallichiana
Blechnum brasiliense 'Volcano'

Grasses to include:
Calamagrostis Brachytricha
Carex elata Aurea
Dianella tasmanica
Iris foetidissima
Miscanthus Flamingo
Miscanthus 'Morning Light'
Nassella tenuissima
Sesleria autumnalis

HABITAT FEATURE GRASSES
Proposed block planting of ornamental grasses providing structure and height to include:

Calamagrostis Brachytricha
Carex grayi
Carex pendula
Miscanthus Flamingo
Molinia caerulea 'Overdam'
Cortaderia richardii
Dryopteris erythrosora
Dryopteris wallichiana
Blechnum Spicant

HABITAT PLANTING
Proposed matrix planting of shrubs species within animal habitats to provide screening and seasonal interest, to include the following species:

Fargesia rufa
Phyllostachys bissetii
Phyllostachys nigra
Corylus avellana
Salix Caprea
Elaeagnus x ebbingei
Laurus nobilis
Ligustrum ovalifolium
Viburnum tinus - Laurustinus 'Eve Price'
Daphne Transatlantica Eternal Fragrance
Leycesteria formosa
Gunnera Manicata

HABITAT PLANTING
Proposed Native hedgerow, including the following specie :
- Acer campestre
- Betula pendula
- Corylus avellana
- Crataegus monogyna
- Euonymus europaeus
- Ilex aquifolium
- Prunus spinosa
- Viburnum opulus.

WETLAND MEADOW MIX
Proposed Wetland grass mix (EGB) to create low maintenance wetland edge around the existing ditch. Emorsgate Seeds or similar approved. Including the following mix:

2% Achillea millefolium
2.4% Galium verum
1.2% Leucanthemum vulgare
3.6% Plantago lanceleata
0.8% Rumex acetosa
0.2% Primula veris
0.6% Silene flos-cucuii
1% Ranunculus acris
0.8% Lotus pedunculatus
0.5% Lathyrus pratensis
0.1% Succisa pratensis
1% Sanguisorba officinalis
0.1% Vicia cracca
3.6% Centaurea nigra
1% Filipendula ularia
1% Rhinanthus minor
0.1% Taraxacum officinale
2% Agrostis capillaris
2% Anthoxanthum odoratum
4% Briza media
48% Cynosurus cristatus
2% Deschampsia cespitosa
22% Festuca rubra

EXISTING HABITAT PLANTING RETAINED
Refer to ecologist reports to show type of habitat to be retained and suggestions for enhancement and improvements.

NEUTRAL GRASSLAND MIX
Proposed Neutral Hay Meadow mix.
Cumbria Wildflowers or similar approved.
These plants thrive in a grassland that is managed as a hay meadow. It needs at least one cut and clear all vegetation in the year, usually just after the plants have dropped their seed.

Including the following mix:
Sweet Vernal Grass - 25%
Crested Dog's-tail - 20%
Common Bent - 7.5%
Meadow Foxtail - 5%
Meadow Fescue - 7.5%
Red Fescue - 7.5%
Cock's foot - 2.5%
Rough Meadow-grass - 5%
Total - 80%

Forbs:
Autumn Hawkbit - 1%
Betony - 1%
Bird's-foot Trefoil - 1%
Black Knapweed - 2%
Common Cat's Ear - 1%
Common Sorrel - 1%
Meadow Buttercup - 1%
Meadow Cranesbill - 2%
Oxeye Daisy - 2%
Red Clover - 2%
Ribwort Plantain - 0.5%
Rough Hawkbit - 1%
Selfheal - 0.5%
Tufted Vetch - 1%
Yarrow - 1%
Yellow Rattle - 2%
Total - 20%
(Please note, this mix contains Yellow Rattle seed which is effective at reducing dominance of coarse grasses).

WATER BODY MIX
Water body / marginal planting edge mix for proposed habitat water bodies. 1m deep Water body to be formed of Puddle Clay with GCL liner for natural planting with shallow shelves.
15% Acorus calamus 'Variegatus'
10% Butomus umbellatus
20% Iris pseudacorus
35% Juncus effusus 'Spiralis'
20% Sparganium erectum

HLM LEGEND

PROPOSED WOODLAND MIX
Standard trees 10-12cm girth.
Typical Species may include (but not limited to)
Sorbus aucuparia
Betula pendula
Acer campestre
Crataegus monogyna
Prunus avium
Quercus robur
Salix caprea
Sorbus aucuparia

WOODLAND SCRUB PLANTING
Standard trees 8-10cm girth
Acer campestre
Alnus glutinosa
Cornus sanguinea
Corylus avellana
Prunus avium
Ribes nigrum
Salix caprea

PROPOSED ORNAMENTAL/ FEATURE TREES
With root barrier protection as required to protect hard standing / services.
Large Woodland trees - 14-16cm Extra Heavy Standard.

Typical Species may include (but not limited to):
Sorbus aucuparia
Corylus avellana
Betula pendula
Acer campestre
Tilia cordata
Pinus nigra
Prunus avium
Salix caprea
Betula pubescens
Crataegus monogyna

PROPOSED HEDGE

Proposed species may include but not limited to:
Acer campestre
Betula pendula
Corylus avellana
Crataegus monogyna
Euonymus europaeus
Ilex aquifolium
Prunus sprinosa
Viburnum opulus

PROPOSED PLEACHED TREES

Standard trees.
Note that exact tree locations maybe subject to change slightly due to underground services. Underground Guying System. Proposed Trees to have root barrier protection as required to protect hard standing/ services.

Proposed species:
Prunus laurocerasus

PROPOSED ORNAMENTAL PLANTING

With 300mm Topsoil & 300mm loosened sub-soil. Planting to be ground cover plants & Specimen shrubs.

Proposed species may include but not limited to:
Achillea mollis
Hebe 'White Gem'
Perovskia 'Blue Spire'
Phlomis russeliana
Rudbeckia fulgida sullivanti 'Goldsturm'
Stipa gigantea
Veronicastrum virginicum

MEADOW MIX 1 - woodland meadow mix 150mm Topsoil e.g. Emorsgate EM1 - Woodland Mixture seed mix or equal approved.

MEADOW MIX 2 - to front of the building 150mm Topsoil e.g. Emorsgate EM4F Wild Flowers for Clay Soils mix or equal approved.

PROPOSED GREEN SCREEN
Consisting of a steel grid or trellis with intertwining climbing plants

rev	details	by	date
00	RE-ISSUE FOR PLANNING	JM	11.07.2024
01	RE-ISSUE FOR PLANNING	JM	19.07.2024

Notes
1. All dimensions to be checked onsite.
2. This drawing to be read in conjunction with all other drawings and specifications.

Previous Superceded Drawing number:
P22009-00-001-DZ-0400

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1:200 0m 10m 20m

Project title
NSCC ORANGUTAN FACILITY

Drawing title
PLANTING STRATEGY

Drawing number TWZ-DZU-00-00-DR-L-00400-01
Revision 01
Drawing Status
FOR PLANNING

Date	Scale	Drawn	Checked
11.07.2024	1:200 @ A0	ZW	JM

Twycross Zoo
IN THE HEART OF CONSERVATION

DEARADH ZÚ
ZOO - LANDSCAPE - DESIGN

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