

LEGEND

GENERAL

- Planning Boundary
- 00.00 ex — Existing Surface Level
- 00.00 — Proposed Surface Level
- 00.00 TOW — Top of Wall Level
- 00.00 BOW — Base of Wall Level
- 00.00 FFL — Finished Floor Level (Internal)
- 1:22 — Falls
- 132.00 — Proposed contours

BOUNDARY

- F1 — Barrier Type 1
 Animal containment with timber post and mesh, 4.5m high with smooth faced no climbable surface at top 1m . and several hotwire stands running along bottom of fence.
- F2 — Barrier Type 2
 Animal containment with one side of cladding on animal side to ensure smooth faced no climbable surface. 4500mm high containment to be achieved above GL. Material: Box profile 0.7mm PVC plastisol coated sheet
- F2A — Barrier Type 2A
 Animal containment with two sides of cladding. Cladding animal side to ensure smooth faced no climbable surface. 4500mm high containment to be achieved above GL. Material: Box profile 0.7mm PVC plastisol coated sheet, cladding on visitor side to be rustic 'bark on' timbers supported off steel frame.
- F3 — Barrier Type 3
 Large viewing window integrated within main habitat containment wall. 42mm tempered laminated glass within steel frame. 3.5m high x 5m long within enclosure wall and visitor structure
- F4 — Barrier Type 4
 Decorative timber standoff fence with mesh infill 1200mm high on concrete foundation to engineer detail and specification.
- F5 — Barrier Type 5
 Rustic timber screening to VIP area; 2000-2500mm high on steel posts secured to structure. Treated natural hardwood Eucalyptus poles, bark stripped installed randomly along the fenceline.
- F6 — Barrier Type 6
 Medium-sized viewing window integrated within otter indoor habitat forming part of containment. 42mm tempered laminated glass within a steel frame. 3m high x 5m long.
- F7 — Barrier Type 7
 1.5m high decorative railing to elevated boardwalk and viewing areas
- F8 — Barrier Type 8
 2.4m high solid board timber fence to viewing area
- F9 — Barrier Type 9
 Proposed 1.8m timber post and mesh Zoo Licence fence
- F9A — Barrier Type 9A
 Existing Zoo Licence fence retained
- F10 — Barrier Type 10
 4.5m high smooth precast Concrete wall with sliders
- F11 — Barrier Type 11
 1.5m high post and mesh fence to contain otters, set within HA-HA ditch
- F12 — Barrier Type 12
 1.5m high decorative post and mesh fence with rustic timber uprights
- Vehicle Access Gates
 Proposed double gate access to animal habitats, gate sizes & specification vary. Gates to match fencing.
- Single Access Gates
 Proposed single gate access, gate sizes & specification vary. Gates to match fencing.
- Slider
 Proposed animal slider. Slider to match fencing.

LANDSCAPE ELEMENTS

- Proposed Lodges
 Asian themed structures, providing lodge accommodation
- Proposed Animal House
 Asian theme Timber buildings, providing animal housing.
- Proposed Aviary
 Asian themed Timber buildings with netted external enclosure.
- Proposed Store
 Asian themed Timber buildings for storage. (Size: 12.5 x 6.5m)
- Proposed Timber structures
 Asian themed Timber buildings, for interpetation and education purposes. (Size: 5x6x4m)
- Proposed Structures
 Asian themed market stalls / tents, for interpetation and education purposes.
- Proposed Sub Station
 Indicative location for new Sub Station
- Visitor Boardwalk
 Gradually sloping timber boardwalk with 10m runs and 1.8m wide landings based on a 1:20 rise.
- Gateway Arch
 4m high Asian Themed Archway to the development. Final design to be agreed.
- Boulders
 Mixed sizes of Glacial boulders scattered in groups throughout the landscape
- Trunks & Logs
 Natural Tree trunks and logs of vary sizes to be selected for natural forms and used for animal enrichment
- Stacked Rustic Bench
 Stacked rustic timber bench for group use to be formed using sawn and felled trees on site. Final design and size to be agreed.
- Water body
 1m deep GCL lined puddle clay water bodies with natural planted margins for animal use.

PROPOSED CLIMBING STRUCTURES

Felled tree trunks with interesting branching to be reused for natural climbing structures and set within ground

TELEGRAPH POSTS

Telegraph posts of varying heights 6 -12m to be used forming climbing structures in combination with ropes.

External Water drinkers

Metal water drinkers for animal access. Final locations to be agreed

- LB — Low Level Light Bollard
 Timber low level LED light bollards (no exceeding 1m high) providing low level ambient lighting along footpaths.
- Themed Lamp Posts
 Rustic timber poles along boardwalk providing illumination along boardwalk.
- CCTV — Proposed CCTV
 CCTV locations indicative, final locations to be agreed
- Proposed Play Features
 Indicative Play features including climbing structures within Village. Final selection of play kit to be agreed with the client.
- Rustic Timber Bench
 Timber benches provided throughout public space. Final design to be agreed. Some benches to include backrest and hand supports.

SOFT LANDSCAPE

- 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 PLANTING
 Refer to drawing: TWZ-DZU-00-DR-L-00400 Planting Strategy for detail on proposed trees
- PROPOSED PLANTING
 Refer to drawing: TWZ-DZU-00-DR-L-00400 Planting Strategy for detail on shrubs and general planting
- PROPOSED MOUNDING
 1:3 Mounding areas of varying heights to provide undulating landscape to be grass seeded and planted

HARD LANDSCAPE

- Paving Type 1
 Self bound aggregate (Buff color) to public pathways to be edged with timber edging.
- Paving Type 2
 Vehicle grade loose Hoggin surface to service areas, with concrete kerb edging.
- Paving Type 3
 Composite decking with antislip grips to elevated boardwalk.Millboard - or equal and approved.PTV rating of 85. Gripsure or similar approved.
- Paving Type 4
 150-200mm deep rubbercrumb saftey surface to play areas where CPH requires depth. To be edged using flush timber edging.
- Paving Type 5
 250-300mm deep, Mixed sand / gravel aggregate to be used with a combination of boulders and logs to create a riverbed habitat

rev	details	by	date
00	FIRST ISSUE FOR STAGE 03 REDESIGN (Following Client review)	JM	25.06.2024
01	ISSUE FOR STAGE 03 COORDINATION	JM	28.06.2024
02	DRAFT ISSUE FOR PLANNING	JM	05.07.2024
03	UPDATED ISSUE FOR PLANNING	JM	08.07.2024
04	UPDATED LAYOUT (FIRST FLOOR LEVEL AMENDED)	JM	08.07.2024
05	UPDATED LAYOUT (NSCC ROOF PLAN ADDED)	JM	12.07.2024
06	UPDATED LAYOUT (Minor change to otter house & village)	JM	16.07.2024
07	FINAL UPDATE FOR PLANNING	JM	18.07.2024

Notes

1. Do not scale from Drawing.
2. All dimensions to be checked onsite.
3. This drawing to be read in conjunction with all other drawings and specifications.

Previous Superceded Drawing number:
P22009-00-001-DZ-0110

N

1:200 — 0m — 10m — 20m

Project title
NSCC ORANGUTAN FACILITY

Drawing title
COMBINED MASTERPLAN

Drawing number: TWZ-DZU-00-00-DR-L-00110-07
Revision: 07
Drawing Status: ISSUE FOR PLANNING

Date	Scale	Drawn	Checked
05.07.2024	1:200 @ A0	ZW	JM

Twycross Zoo — IN THE HEART OF CONSERVATION

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