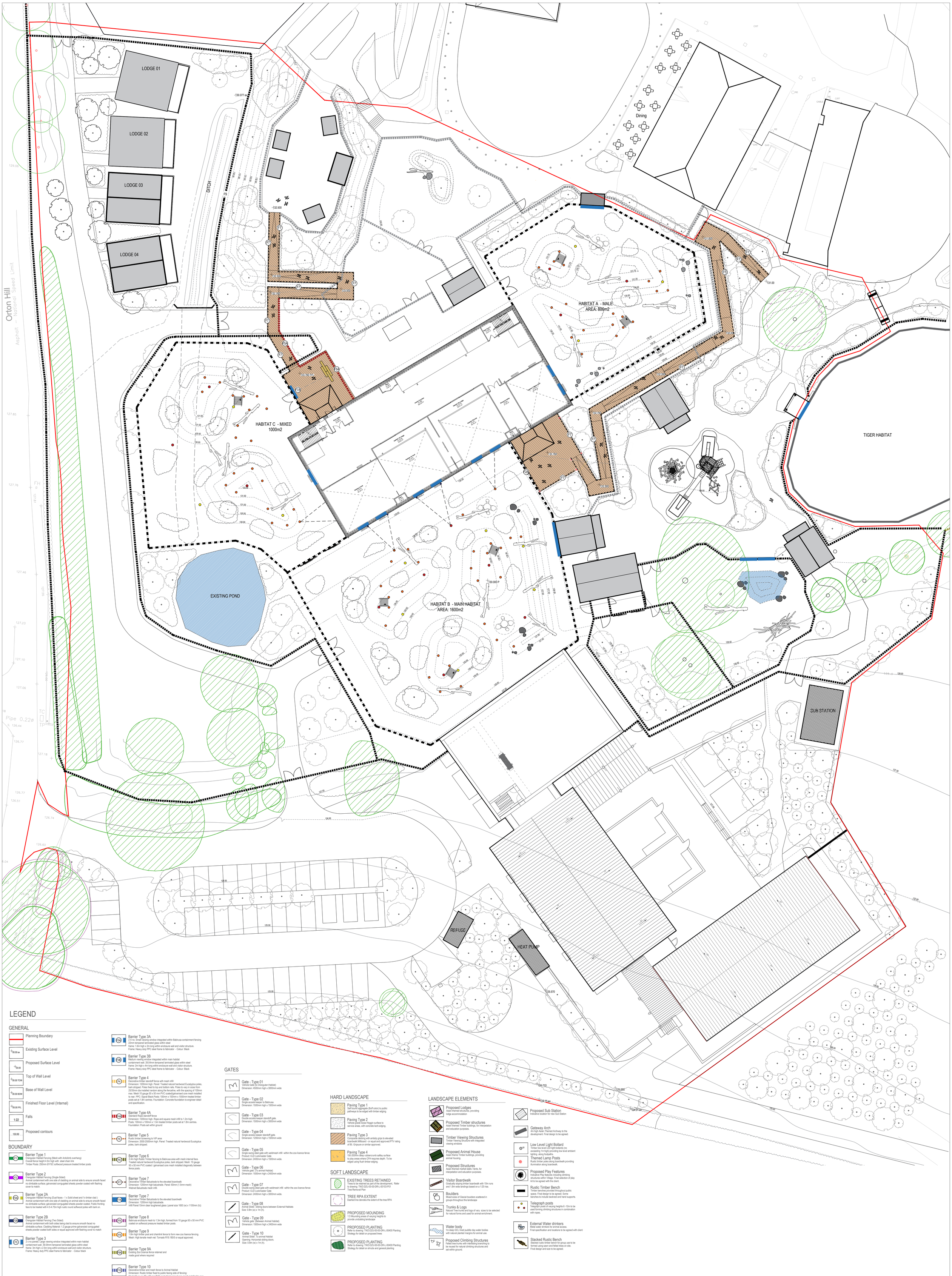


LEGEND

GENERAL

- Planning Boundary
- Existing Surface Level
- Proposed Surface Level
- Top of Wall Level
- Base of Wall Level
- Finished Floor Level (Internal)
- Falls
- Proposed contours

BOUNDARY

- Barrier Type 1 — Orangutan Habitat Fencing (Mesh with Anticlimb overhang) Overall fence height 4.5m high with steel chain link Timber Posts: 250mm Ø FSC softwood pressure treated timber posts
- Barrier Type 2 — Orangutan Habitat Fencing (Single-Sided) Animal containment with one side of cladding on animal side to ensure smooth faced no climbable surface; galvanised corrugated sheets powder coated with flashing cover to match.
- Barrier Type 2A — Orangutan Habitat Fencing (Dual faces - 1 x Solid sheet and 1x timber clad) Animal containment with one side of cladding on animal side to ensure smooth faced no climbable surface; galvanised corrugated sheets powder coated. Public fronting face to be treated with 4.5-4.75m high rustic round softwood poles with bark on.
- Barrier Type 2B — Orangutan Habitat Fencing (Two Sided) Animal containment with both sides being clad to ensure smooth faced no climbable surface. Cladding Material: 1.2 gauge prime galvanised corrugated sheets powder coated both sides or equal approved with flashing cover to match
- Barrier Type 3 — 2 x no panels. Large viewing window integrated within main habitat containment wall. 39.04mm tempered laminated glass within steel frame. 3m high x 2.5m long within enclosure wall and visitor structure. Frame: Heavy duty PPC steel frame to fabricator - Colour black
- Barrier Type 3A — 2 X no. Small viewing window integrated within Babirusa containment fencing 22mm tempered laminated glass within steel frame: 1.6m high x 2m long within enclosure wall and visitor structure. Frame: Heavy duty PPC steel frame to fabricator - Colour: Black
- Barrier Type 3B — Medium viewing window integrated within main habitat containment wall. 39.04mm tempered laminated glass within steel frame: 2m high x 4m long within enclosure wall and visitor structure. Frame: Heavy duty PPC steel frame to fabricator - Colour: Black
- Barrier Type 4 — Decorative timber standoff fence with mesh infill Dimension: 1200mm high. Panel: Treated natural hardwood Eucalyptus poles, bark stripped. Poles fixed to top and bottom rails. Poles to vary in sizes from 25/35mm dia installed random along the fenceline, with the spacing of 100mm max. Mesh:10 gauge 50 x 50 mm PVC coated/galvanised core mesh installed to rear. PPC: Signal Black.Posts: 100mm x 100mm x 1550mm treated timber posts set at 1.8m centres. Foundation: Concrete foundation to engineer detail and specification.
- Barrier Type 4A — Standard Rope standoff fence Dimension: 1200mm high. Rope and square mesh infill to 1.2m high Posts: 100mm x 100mm x 1.5m treated timber posts set at 1.8m centres. Foundation: Posts set within ground
- Barrier Type 5 — Rustic timber screening to VIP area Dimension: 2000-2500mm high. Panel: Treated natural hardwood Eucalyptus poles, bark stripped.
- Barrier Type 6 — 2.4m high Rustic Timber fencing to Babirusa area with mesh internal face. Treated natural hardwood Eucalyptus poles, bark stripped. Mesh: 10 gauge 50 x 50 mm PVC coated / galvanised core mesh installed diagonally between fence posts.
- Barrier Type 7 — Decorative Timber Balustrade to the elevated boardwalk Dimension: 1200mm high balustrade. Panel: 60mm (1.5mm mesh) Webnet Balustrade mesh infill.
- Barrier Type 7 — Decorative Timber Balustrade to the elevated boardwalk Dimension: 1200mm high balustrade. Infill Panel:10mm clear toughened glass (panel size 1650 (w) x 1100mm (h))
- Barrier Type 8 — Babirusa enclosure mesh to 1.3m high, formed from 10 gauge 50 x 50 mm PVC coated on softwood pressure treated timber posts.
- Barrier Type 9 — 1.8m high timber post and chainlink fence to form new zoo lisence fencing. Mesh: High tensile mesh net: Tornado R19.180/5 or equal approved.
- Barrier Type 9A — Existing Zoo Licence fence retained and made good where required
- Barrier Type 10 — Decorative timber and mesh fence to Animal Habitat Dimension: Rustic timber fixed to public facing side of fencing: Mesh:10 gauge 50 x 50 mm PVC coated/galvanised core mesh installed to rear.

GATES

- Gate - Type 01 — Vehicle Gate(to Orangutan Habitat) Dimension: 4500mm high x 3000mm wide
- Gate - Type 02 — Single access keeper to Babirusa. Dimension: 1500mm high x 1500mm wide
- Gate - Type 03 — Double access keeper standoff gate. Dimension: 1500mm high x 3000mm wide
- Gate - Type 04 — Single access keeper standoff gate. Dimension: 1200mm high x 1500mm wide
- Gate - Type 05 — Single swing steel gate with weldmesh infill within the zoo licence fence Product: CLD Lockmaster Gate Dimension: 2400mm high x 1500mm wide.
- Gate - Type 06 — Vehicle gate. (To animal Habitat) Dimension: 1500mm high x 2400mm wide
- Gate - Type 07 — Double swing steel gate with weldmesh infill within the zoo licence fence Product: CLD Lockmaster Gate Dimension: 2400mm high x 3000mm wide.
- Gate - Type 08 — Animal Slider. Sliding doors between External Habitats Size: 0.8m (w) x 1m (h).
- Gate - Type 09 — Vehicle gate. (Between Animal Habitat) Dimension: 1500mm high x 2400mm wide
- Gate - Type 10 — Animal Slider. To animal Habitat. Opening: Horizontal sliding doors. Size: 0.8m (w) x 1m (h).

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.

SOFT LANDSCAPE

- EXISTING TREES RETAINED — Trees to be retained as part of the development. Refer to drawing: TWZ-DZU-00-00-DR-L-00103-P01 Tree Removal Plan
- TREE RPA EXTENT — Dashed line denotes the extent of the tree RPA
- PROPOSED MOUNDING — 1:3 Mounding areas of varying heights to provide undulating landscape
- PROPOSED PLANTING — Refer to drawing: TWZ-DZU-00-00-DR-L-00400 Planting Strategy for detail on proposed trees
- PROPOSED PLANTING — Refer to drawing: TWZ-DZU-00-00-DR-L-00400 Planting Strategy for detail on shrubs and general planting

LANDSCAPE ELEMENTS

- Proposed Lodges — Asian themed structures, providing lodge accommodation
- Proposed Timber structures — Asian themed Timber buildings, for interpetation and education purposes.
- Timber Viewing Structures — Timber Viewing Structure with integrated viewing windows
- Proposed Animal House — Asian theme Timber buildings, providing animal housing
- Proposed Structures — Asian themed market stalls / tents, for interpetation and education purposes.
- Visitor Boardwalk — Gradually sloping timber boardwalk with 10m runs and 1.8m wide landings based on a 1:20 rise.
- 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.
- 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.
- Proposed Sub Station — Indicative location for new Sub Station
- Gateway Arch — 4m high Asian Themed Archway to the development. Final design to be agreed.
- 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.
- 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.
- 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 specification and locations to be agreed with client
- 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.

rev	details	by	date
P05	ISSUE FOR TENDER	JM	28.11.2024
P06	ISSUE FOR PLANNING (S73)	JM	09.12.2024

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-0101

1:200 — 0m — 10m — 20m

Project title
NSCC ORANGUTAN FACILITY

Drawing title
LANDSCAPE GA (FIRST FLOOR)

Drawing number: TWZ-DZU-00-00-DR-L-00101-P06
Revision: P06
Drawing Status: ISSUE FOR PLANNING

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

Twycross Zoo — IN THE HEART OF CONSERVATION

DEARADH ZÚ — ZOO - LANDSCAPE - DESIGN
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D:\Projects\Projects\P22009-00 NSCC Twycross Facility\Drawings\01 Design\CAD\XREF\P22009-00-001-DZ-0101 LANDSCAPE MASTERPLAN FIRST FLOOR.dwg