



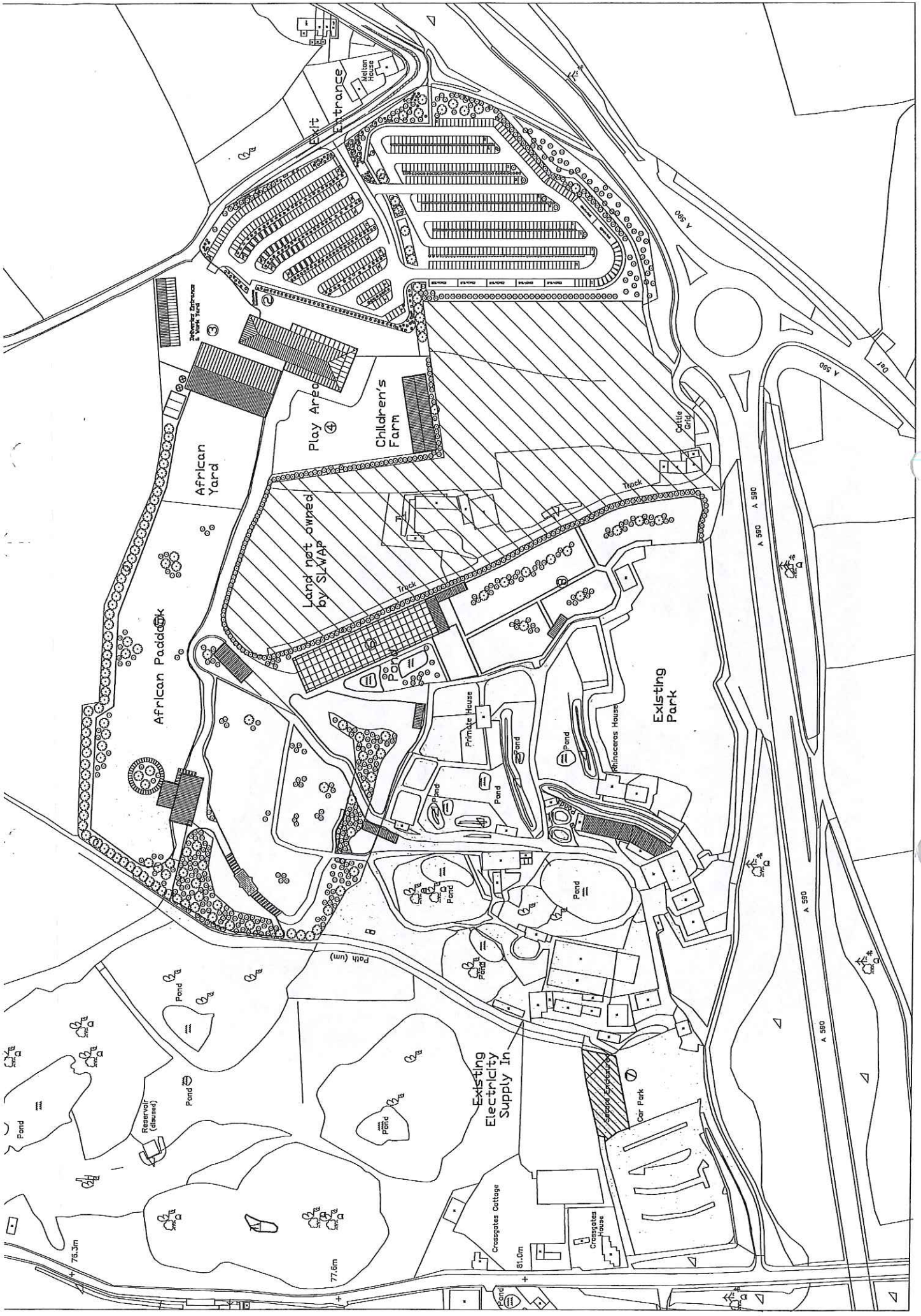
CLIENT Safari Zoo  
DRAWING General map  
REF SZOOGM2016  
DATE Aug 2016  
REV 15/08/16

SCALE 1:2,500 @ A3  
Based on drone capture meetings data

LEGEND



**Safari Zoo**  
General map



## TAMBOPATA AVIARY AND TROPICAL HOUSE ACTION PLAN

CUMBRIA ZOO COMPANY LTD, Melton Terrace, Lindal-in-Furness, LA12 0LU

Created: 18th January, 2017

This is not a comprehensive nor exhaustive list but is an initial action plan with development occurring over the next few days. When responsibility passes to CZCL we will immediately:

- Clean accommodation, both inside and outside, to acceptable standards and continue to maintain at consistent high standards – this includes the water features and ponds.
- Remove all food waste and ensure appropriate nutrition is provided as per diet sheets agreed with Andrew Greenwood in an appropriate fashion.
- Ensure water is available that is clean, accessible and presented in an appropriate fashion for the animals.
- Review temperature monitoring and appropriate locations in each facility – specifically review the heating delivery for the tortoises and ensure species specific needs are met or animals are phased out of the collection to more appropriate collections better suited to care for the animals.
- Review UV requirements for the animals and deliver or plan to rehome in short term.
- Remove dangerous enclosure furniture and replace with appropriate equipment over the next 1-2 weeks – includes all rotten woodwork and perching and nest boxes.
- Review drainage and ensure functioning and appropriate – where long term requirements are identified these will enter into the long term collection plan OR phase out the building for animal use.
- Develop species appropriate shelters and housing in the facility as needed .
- Resolve the stocking density issues in the aviary through distribution in the short term to other facilities in the collection and / or consider rehoming excess to other collections – this is a priority action for the next few days, however is limited by available sites within the zoo grounds and ability to move off site. Support if required will be requested as part of our disposition programme as needed. The main driving factor for selection will be compatibility and birds that are suitable for the environment.
- Temporarily resolve the wallaby shelters both inside and out but also add visual breaks – potentially using bales initially with more permanent structures being installed.
- Substrate review – aim to remove all animals with direct contact form concrete through straw, wood chip or similar and as suitable.
- Consider moving tamarins into one of the indoor enclosures so not free roaming.
- Review veterinary requirements with Andrew Greenwood and consider euthanasia on welfare grounds for specific species where maybe required,

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especially those with untractable bumblefoot, digit amputation or other permanent disabilities whose need are not being met. Built into the destocking programme.

- Any other needs that are identified as part of the review and action plan as maybe needed.
- Update the local authority on a weekly basis on the changes made and the continued monitoring of the animals in these areas for the first four weeks and then request site visit (if not earlier) and then update as felt necessary.

#### **Actions complete w/e 20/01/2017**

- ✓ Spoonbill aviary walls and floor deep cleaned (power washed), repairs to drains – now fully operational
- ✓ Outdoor Pond pond deep cleaned (power washed)
- ✓ Food waste removed (monitored and repeated)
- ✓ Diets for all aviary animals reviewed, animals put back on the diet as agreed with Andrew Greenwood (diet sheets)
- ✓ Diet sheets for all aviary and tropical house animals sent to Andrew Greenwood for fresh review and verification
- ✓ Clean drinking water provided (and replaced regularly)
- ✓ Large water bowls provided in place of auto drinkers
- ✓ Reviewed temperatures, lowered heat bulbs increasing tortoise temperature
- ✓ Dangerous enclosure furniture completely removed from outside aviary
- ✓ All remaining aviary woodwork powerwashed
- ✓ Drainage repairs complete, drains cleared, now fully operational
- ✓ Tamarins removed from tropical house and rehomed in main tamarin house
- ✓ Eider ducks and Whistling duck moved from aviary and rehoused in main park
- ✓ Top Lemur house cleaned out, now houses Macaws and Pheasants, sawdust placed on floor, food dishes provided
- ✓ 3 blue and yellow Macaws removed and rehomed in top lemur house
- ✓ Ongoing efforts to catch the 2 remaining green wing Macaws for rehoming in top lemur house
- ✓ More straw and hay provided for Parma Wallabies
- ✓ More straw and hay provided for Bettongs
- ✓ Tamarins removed from tropical house and rehomed in main tamarin house
- ✓ Animals under ongoing veterinary care
- ✓ Heavily baiting rat holes



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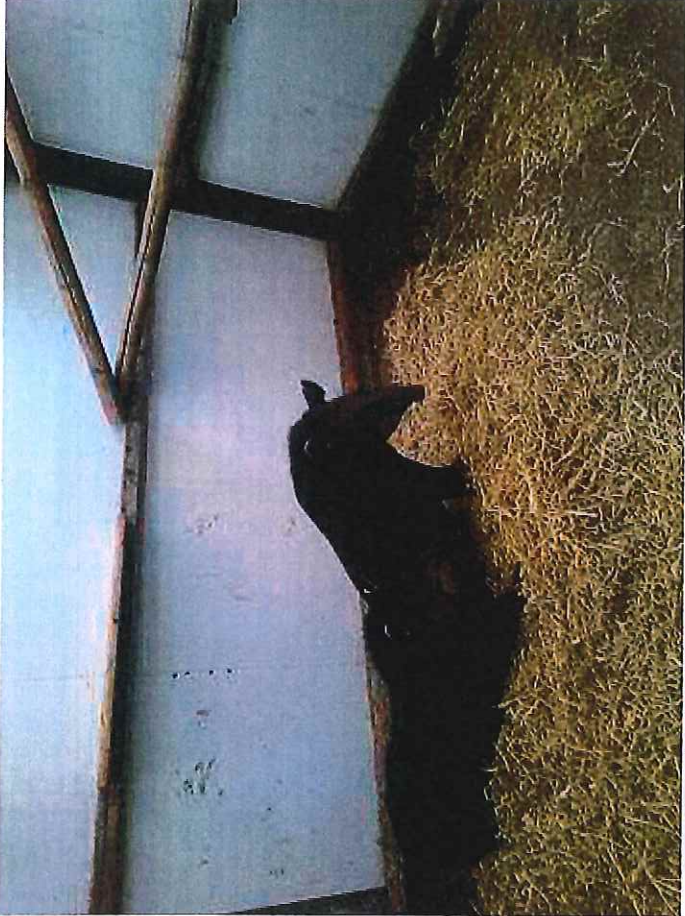




WEEKLY WELFARE REVIEW - WEEK 4 2017




APPENDIX No. BB


No.	ACTION	COMPONENTS	RESPONSIBLE	ACHIEVED	DATE
1	Bedding review	<ul style="list-style-type: none"> <li>Assess all animal enclosures to ensure adequate bedding to prevent contact with concrete floors, faeces or urine and to provide comfort</li> <li>Esp. Anteaters – minimum of one half indoor covered</li> <li>Esp. Tropical House wallabies – cover a minimum of 1/3 total floor with straw separated into two areas with</li> </ul>	KaB / KIB / DA	<p>Full assessment of all enclosures except cats (Lions done)</p> <p>Bedding laid in:</p> <ul style="list-style-type: none"> <li>Maned wolves</li> <li>Tapirs</li> </ul>  <ul style="list-style-type: none"> <li>Camels – hay bed</li> <li>Anteaters</li> </ul>	27.1.17



		<p>additional rubber matting with visual barriers in place</p> <ul style="list-style-type: none"><li>• Esp Pygmy Hippos</li></ul>		 <ul style="list-style-type: none"><li>• Hippos</li></ul>
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2	Bed furniture review	<ul style="list-style-type: none"> <li>Review all bed furniture for maintenance quality ie broken slats, screws, etc –</li> </ul>	KaB / KIB / DA	 <ul style="list-style-type: none"> <li>Bigger bed in for Babirusa</li> </ul> <p>To Do : review cat beds and best practice with other zoos by 3.2.17; as previous straw beds have not worked</p> <p>A full check of all beds taken place (excluding cats apart from Lions)</p> <p>Anteater bed removed Lion bed fixed</p>
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		<p>photograph and document them all to audit condition</p> <ul style="list-style-type: none"> <li>Any maintenance requests to be documented and sent to maint team and rectified immediately OR beds removed</li> </ul>	 <p>To Do : review cat beds and best practice with other zoos by 3.2.17</p>
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WEEKLY WELFARE REVIEW - WEEK 4 2017



<p>3</p>	<p>Temperature review</p>	<ul style="list-style-type: none"> <li>Review temperature protocols for species, where needed and not present outline the minimum or expected requirements across the zoo</li> <li>Outline steps to be taken in event that temperature below (or above) that expected what to do to rectify             <ul style="list-style-type: none"> <li>Esp. Old giraffe house</li> <li>Esp. Hippos</li> <li>Include where no thermometer in an area a new max/min</li> </ul> </li> </ul>	<p>KaB / KIB / DA</p>	<ul style="list-style-type: none"> <li>Full review underway</li> <li>Hippos             <ul style="list-style-type: none"> <li>Thermometer replaced as not working registering 12 degrees but warm in the building</li> <li>16 degrees today</li> <li>Maintenance have altered the system so continue to monitor.</li> </ul> </li> <li>Maned wolves recording sheets now in place and entry doors reduced in size so tapirs cannot enter the maned wolf areas</li> <li>Giraffe house (2) temperatures monitored and recorded. Similar readings to Africa (22nd 9-17; 23<sup>rd</sup> am 11.8-15.8; pm 12.1-15.9 24<sup>th</sup> am 11.8-15.8; pm 12.2-15.8; 25<sup>th</sup> 12.3-13.7)</li> </ul> <p>Ongoing review temps for all guideline</p>
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WEEKLY WELFARE REVIEW - WEEK 4 2017



		<p>must be provided and recorded</p> <ul style="list-style-type: none"> <li>• Include for sensitive species protocol on when can be kept in and how manage guest experience – be realistic not excessive with temps – see husbandry guidelines for values, focus on EAZA or others where do not exist</li> </ul>		
4	Penguin bumblefoot review	<ul style="list-style-type: none"> <li>• Book in for review with AG of bumblefoot in penguins – catch up, check ID and</li> </ul>	KaB / KIB	Andrew booked in to carry out review on next visit

WEEKLY WELFARE REVIEW - WEEK 4 2017



5	Tambopata / Tropical House	<p>photograph feet as per flamingo report</p> <ul style="list-style-type: none"> <li>JC to review images and score – ensure first image is microchip, then band then feet, left then right</li> </ul>	KaB / KiB / DA	<p>Actions following the previous report:</p> <ul style="list-style-type: none"> <li>Concrete covered in straw in Wallaby area</li> <li>Privacy divides in place</li> </ul>
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WEEKLY WELFARE REVIEW - WEEK 4 2017

		<p>with images and submit to JC and any reports to Council as required.</p>		
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WEEKLY WELFARE REVIEW - WEEK 4 2017



				<ul style="list-style-type: none"> <li>• Rubber matting placed under heat lamps for tortoises (avoid contact with concrete) by touch. Jon these seem to be holding the heat better – can we put a thin layer of bark over the rest of the floor for them to move around on?</li> <li>• Straw beds in the end 2 pens for the wallabies with access to outside – maintenance building ramps in and out of the pens for wallaby access. Houses with bedding placed in outside area</li> <li>• Full diet review has taken place by Andrew Greenwood. 2 items to be sourced on order for delivery next week.</li> <li>• Continued monitoring of cleanliness</li> <li>• Full baiting has occurred and management monitoring</li> <li>• Cotton top tamarins moved out of the area into building on tamarin island; island been cleared ready to give access when weather and time permits.</li> </ul>
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START DATE: 23<sup>rd</sup> January 2017  
 COMPLETION: 1<sup>st</sup> February 2017

