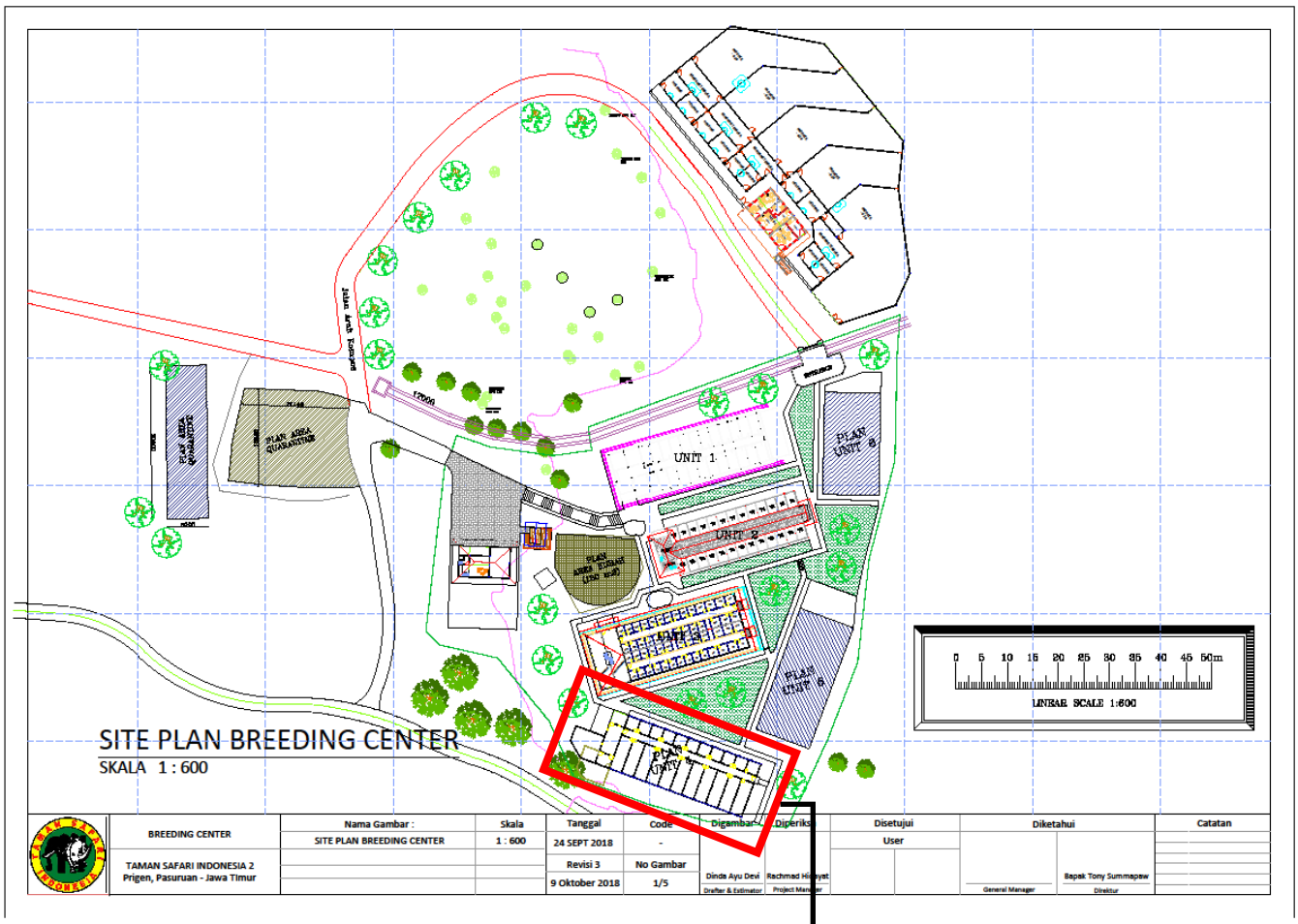
Prigen-Conservation-Breeding-Ark (PCBA)

Original site plan of the center



Position of unit four

The non-profit KASI Foundation of Taman Safari Indonesia would like to start building the fourth breeding complex to establish insurance breeding populations for the following threatened species which exist in the centre:

Piedstarling hatched 09/18

White capped Shama hatched 07/18

Among the most threatened songbird species already exist in Prigen:

Javan Green Magpie (Cissa thalassina) Critically Endangered,

Ruby-throated Bulbul (Pycnonotis dispar) Vulnerable,

Javan White-eye (Zosterops flavus) Vulnerable,

Rufous-fronted Laughingthrush (Garrulax rufifrons) Critically Endangered,

Rufous-fronted Laughingthrush (Garrulax rufifrons slamatensis) Critically Endangered,

Sumatran Laughingthrush (Garrulax bicolor) Endangered,

Sunda Laughingtrush (Garrulax palliates) Least Concern,

Javan Pied Starling (Gracupica jalla) Critically Endangered,

Black-winged Mynah (Acridotheres melanopterus) Critically Endangered,

Nias Hill Mynah (Gragcula robusta) Critically Endangered,

Tenggara Hill Myna (Gracula venerata) Endangered,

White-crowned Shama (Kittacincla m. stricklandii), Near Threatened subspecies,

Black-tailed Shama (Kittacincla m. melanurus), Near Threatened subspecies,

White-rumped Shama (Kittacincla m. sulaves) Borneo, Near Threatened subspecies,

Greater Green Leafbird (Chloropsis sonnerati) Vulnerable,

Javan Green Leafbird (Chloropsis conchinchinensis) Near Threatened,

Mangrove Blue Flycatcher (Cyornis rufigasta) Least Concern,

Orange-spotted Bulbul (Pycnonotus bimaculatus) Near Threatened,

Javan Fairy Bluebird (Irena puella turcosa) Least Concern.

Javan Green Magpie hatched 09/18

OBJECTIVES AND METHODOLOGY:

Project Goals

1. In-situ program: Releases of Songbirds in safe environments to prevent extinctions in wild populations. Ensure that captive breed birds contribute to preventing the extinction of songbird population in the wild.

2. Ex-situ program: Good husbandry, healthy and genetically good founders will contribute to successful breeding programs to ensure viable captive populations as a safety-net against extinction.

3. Enviromental Education: Build awareness among government and local communities about the existing and growing threats to birds, and stimulate them to take part in conservation action.

4. Cooperation: Work together and gain support from other stakeholders around the globe to contribute to this conservation program.

The team from left:

Alvin, Tina, Seger, Bagus, Roy and Stephan

Opening Office Songbird Ark September 2018

Breeding complex one

finished August 2017

Project Aims and Methodology:

1. Obtain additional founder stock of the threatened species as listed above by rescuing or taking over the birds that are already in captivity (with songbird hobbyists, etc), health screening and pairing the birds in order to produce chicks to increase captive population and, if and when feasible, for future re-introduction programs.

2. Create additional high standard breeding aviary complexes.

3. Establish or update husbandry guidelines in collaboration with (as appropriate) government, other zoos, bird breeder's associations, and universities.

4. Develop and maintain captive populations of the bird species of concern in partnership with other interested parties (zoos, rescue centres etc).

5. Collaborate with all interested parties to develop and sustain public awareness programs, to achieve widespread and lasting conservation awareness.

6. Assist to supply legal local demand for these threatened songbirds through captive breeding and transfer knowledge and captive- bred specimens of songbirds to other institutions and zoos involved and supporting this global program.

Security tower

fnished June 2018

Project Location:

KASI Foundation is committed to maintain and breed endangered Indonesian songbirds as recommended by the Asian Songbirds Crisis Summit 2015. This breeding program is situated at Taman Safari Indonesian II / Prigen / East Java / Indonesia. Taman Safari dedicates primary infrastructures and two hectares of land to this project, located within Sundaic Indonesia, right in the middle of the region that is the center of the 'Asian Songbird Crisis'.

The location is about 800 meters above sea level, with relatively natural environment and very fresh air, a mild climate with average temperature between 18 to 27 degrees Celsius.

This facility is located within Taman Safari Indonesia and therefore it is easily accessible and benefits from high security. The park is already well known in this region, has easy and smooth road access from Surabaya and Malang, the two biggest cites in East Java. Being in the park location means is guarded and secured 24 hours a day, 7 days a week.

This songbird breeding facility will be accessed separate from public routes. No park visitors pass through this area, and the work path for the staff of the breeding facility staff does not cross with the park staff work pathways. But the site is close to the Animal Hospital of Taman Safari Indonesia 2. The facilities and expertise of the hospital is available to the breeding centre whenever needed.

Breeding complex two

fnished Februar 2018

DESIGN FOR ENTIRE FACILITY:

The project is divided into several completion stages, and the whole facility is comprised of an office/keeper building, security tower and six breeding complexes for songbirds (three already completed and filled with breeding colonies of 16 target species) and one quarantine building, separated from the other complexes.

All these complexes, buildings and the whole infrastructure is designed to allow a successful song-bird breeding program. The design does conform with architectural codes for human spaces, as well as a high standard of bird's breeding enclosures. All architectural requirements for office, meeting room, lockers, etc. are met, but special attention has been given to the quality of the aviary and breeding complexes as the core of this facility.

The facility is designed to provide the physical environment for clean daily operation, preclude impeding crossovers, while affording efficient, smooth, and uninterrupted service flow. The aviaries will provide protection from predators, shelter from extreme weather, and minimize disease risks. Temperature, humidity, ventilation, lighting can be easily maintained, and noise insulation is ensured.

Complexes, buildings and infrastructures must be maintained without disturbing the breeding process. Therefore, the design is as simple, practical, and functional as possible. As captive birds need enough space to fly, roost and elude other cage birds, their keepers also need facility and tools for regular surveillance to enable early detection of problems and threats.

This design aims to synthesize those codes, standard and requirements to support this breeding program.

Breeding complex three

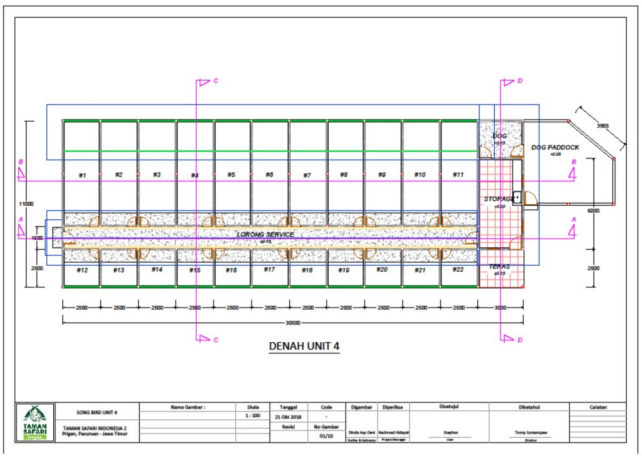
finished November 2018

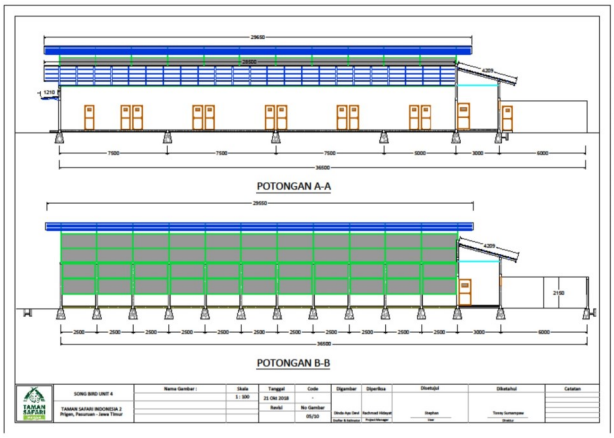
In early 2018 a high quality security fence around the breeding area has been completed. Within the fenced area there are the breeding complexes (three, with a total of approx. 100 aviaries already finished, three more to follow as funding becomes available) in open lushly planted landscape, enabling wind and fresh air to flow between buildings and trees, simulating the various bird species favourite open or shaded spaces.

The location is divided into the staff area where the office and keeper building is located, and the breeding area where the breeding complexes reside. There will be a solid wall between the two, so public visitor, delivery loading/unloading will not have any physical and visual disturbance to the service/working activity in the breeding area. Keeping the bird away from noisy public traffic and activities will certainly enhance their ability to breed well.

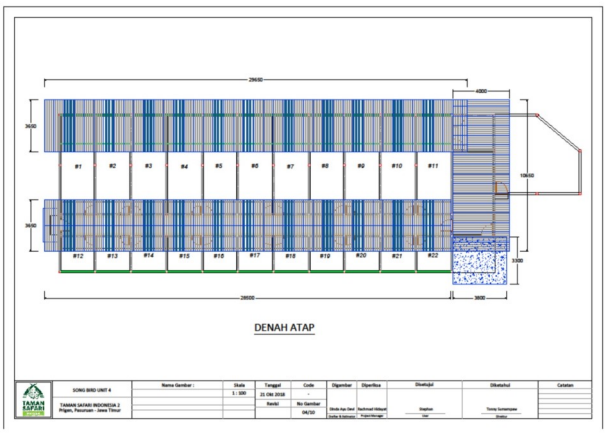
The aviary building number four, for which this proposal seeks funding for, will contain 11 aviaries 7meters long and 2,50-meters wide and some will be up to five meters high. Another 11 aviaries will be 2,50 meters by 2-meters and 3 meters high. Costs of this fourth phase construction is IDR 720.000.000 or around EURO 42.000. This will also include an inside and outdoor shelter for the breeding centre's watch dog.

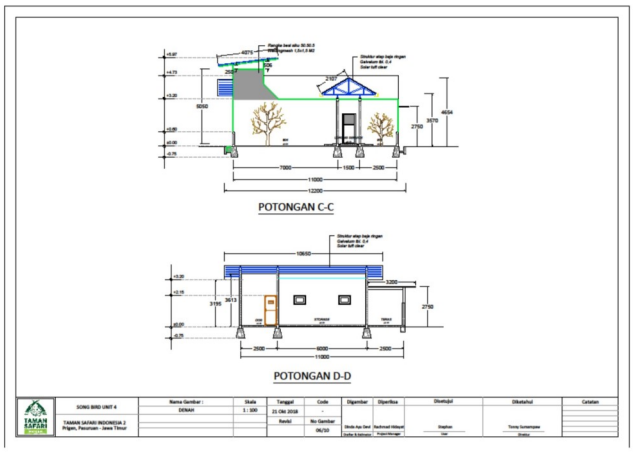
Project plan breeding complex four





Mainly the aviaries will be used for Javan Green Magpie, Nias Hill Mynah, Sumatran Laughing-trush and Piedstarling.





COLLABORATION SUPPORT:

The project needs collaborative funding support from institutions with the same vision, interest, and concern on these issues, and we thank ZGAP, Zoo Cologne, Zoo Heidelberg, Zoo Leipzig, Zoo Ostrava, Zoo Copenhagen, Zoo Dresden, Zoo Basel, Zoo Berlin, Bird Park Marlow, Foodsupplier St. Laurent, Zoo Wuppertal, Zoo Liberec, Zoo friends and others, who have already contributed significantly to allow the Prigen Conservation Breeding Ark to become a reality. Any additional funding for building complex four, or any assistance to motivate additional supporters will be highly appreciated.

CONTRIBUTION:

Bank account Account Name :

YAYASAN KONSERVASI DAN SATWA INDONESIA

Bank Name : BCA Branch :

Metro Pondok Indah Address : Jl. Metro Pondok Indah Jakarta Selatan

Account USD : 237.032.7001

Account IDR : 237.031.2080

Swift Code : CENAIDJA

Person in charge

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Looking forward