



dan pearlman

EXPERIENCE ARCHITECTURE

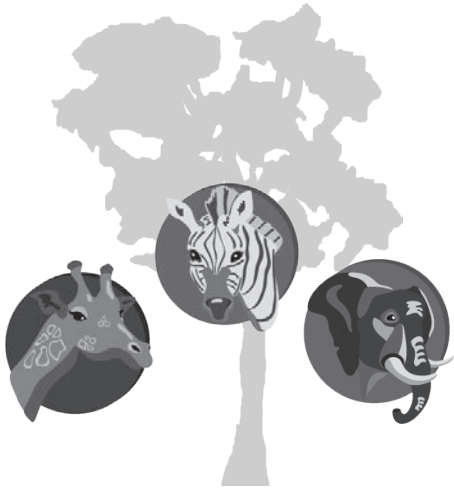
MIXED-SPECIES EXHIBITS: OLD APPROACH, NEW IDEAS

BY JÖRG SCHNEIDER & JOKE LEON KLEIN

ZOO DESIGN CONFERENCE 2019 | WROCLAW, POLAND

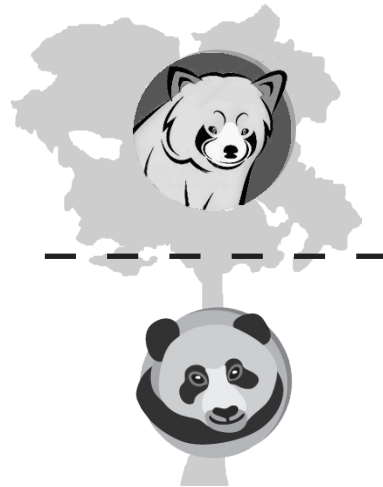


CO-HOUSING TYPOLOGIES



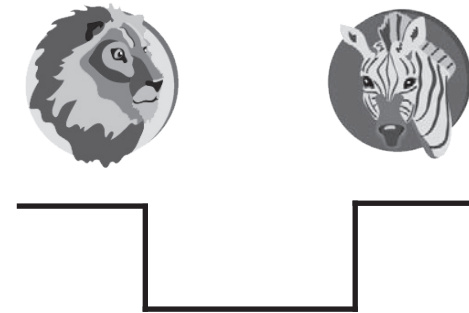
MIXED ENVIRONMENT

Shared exhibit space
Multiple species
Full range of interaction
No physical separation



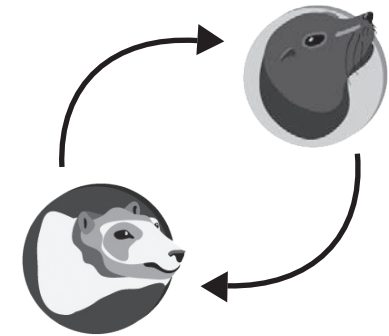
ZONED ENVIRONMENT

Shared exhibit space
Multiple species
Limited interaction
Physical separation



EYE TO EYE ENVIRONMENT

Individual exhibits
Multiple species
Low interaction to neighbours
Physical separation

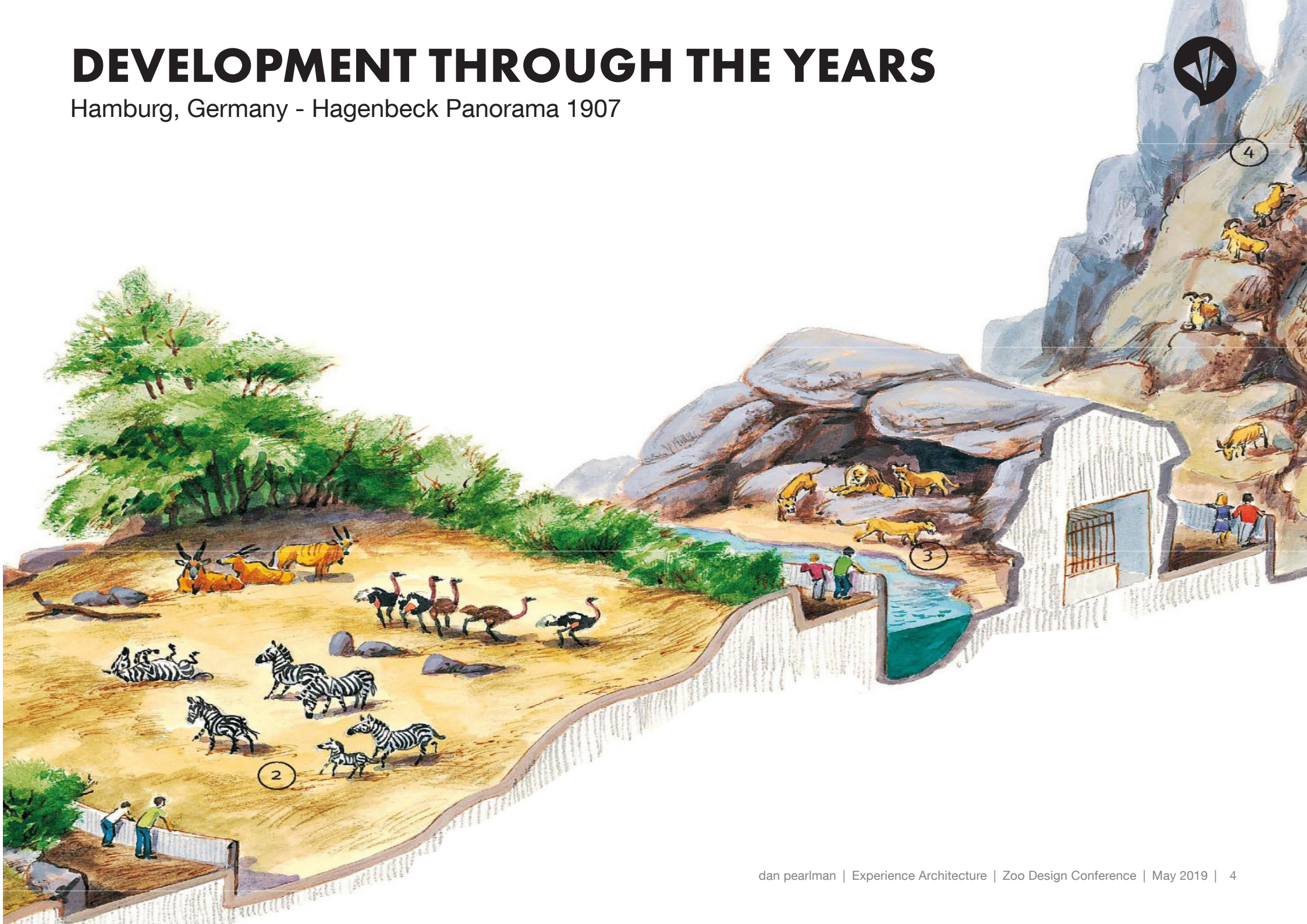


SWAPPED ENVIRONMENT

Individual exhibits
Multiple species rotation
Indirect interaction only
Physical separation

DEVELOPMENT THROUGH THE YEARS

Hamburg, Germany - Hagenbeck Panorama 1907



DEVELOPMENT THROUGH THE YEARS



Bronx Zoo, USA - African Plains 1941



DEVELOPMENT THROUGH THE YEARS

Columbus Zoo, USA - Heart of Africa



DEVELOPMENT THROUGH THE YEARS

Borås Djurpark, Sweden



DEVELOPMENT THROUGH THE YEARS

Yokohama Zoo, Japan



FUNCTIONAL EQUATION



WILLINGNESS



**SPECIES SPECIFIC &
INDIVIDUAL BEHAVIOUR**

+



+

**BUILD
ENVIRONMENT**



WILLINGNESS

Australia Zoo, Australia



BEHAVIOUR | "PREY PATTERN"

San Diego Zoo, USA



BEHAVIOUR | ACTIVITY RATES

Chester Zoo, UK



BEHAVIOUR | CHARACTER & GROUP DYNAMICS

Wolf Park Indiana, USA



BUILD ENVIRONMENT

MANAGEMENT & INFRASTRUCTURE



Point Defiance Zoo, USA



BUILD ENVIRONMENT | AMOUNT & QUALITY OF SPACE

Bioparc Valencia, Spain



BUILD ENVIRONMENT | HABITAT LAYERS & STRUCTURES

Osnabrueck Zoo, Germany

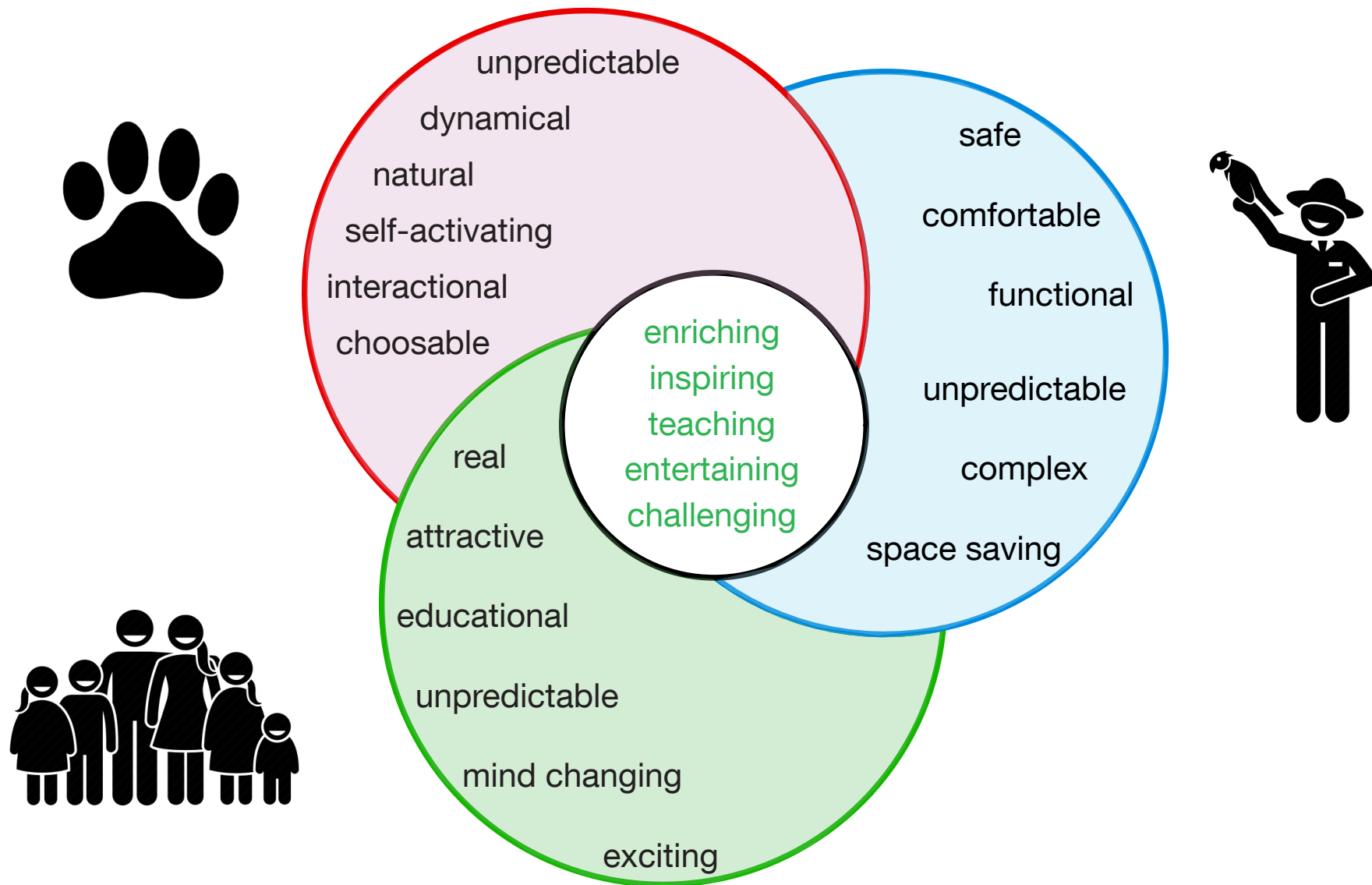


BUILD ENVIRONMENT | HABITAT LAYERS & STRUCTURES

Bioparc Fuengirola, Spain



BENEFITS & CHALLENGES





LET'S...



**...CREATE COMPLEX & FLEXIBLE EXHIBITS FOR
MULTIPLE SPECIES, BASED ON KNOWLEDGE, BEST
PRACTICE EXPERIENCES, SCIENTIFIC RESEARCH
AND COURAGE!**

CASE STUDY I



KNOWLEDGE, BEST PRACTICE EXPERIENCES, SCIENTIFIC RESEARCH, COURAGE



+



+



+

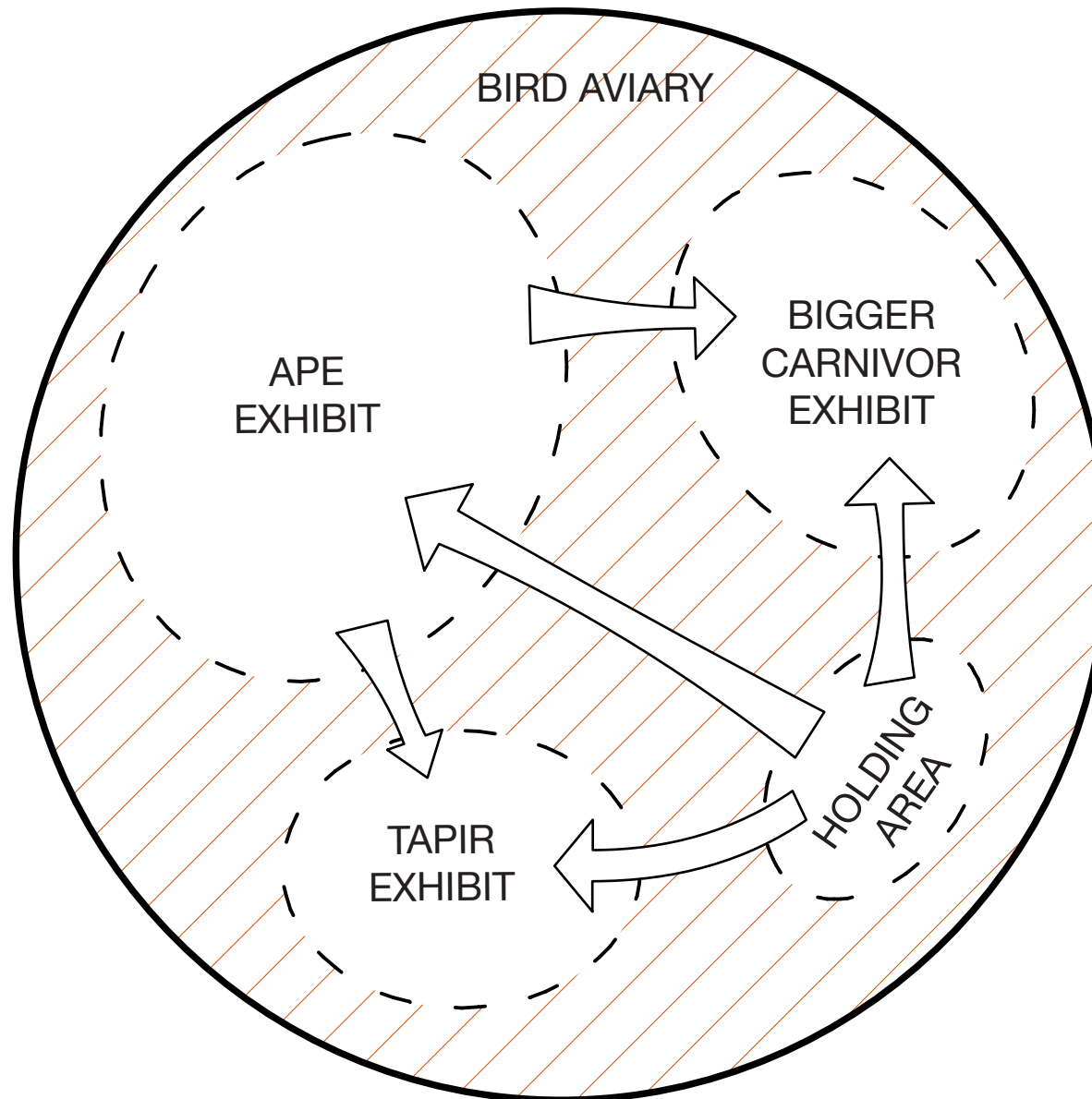


+



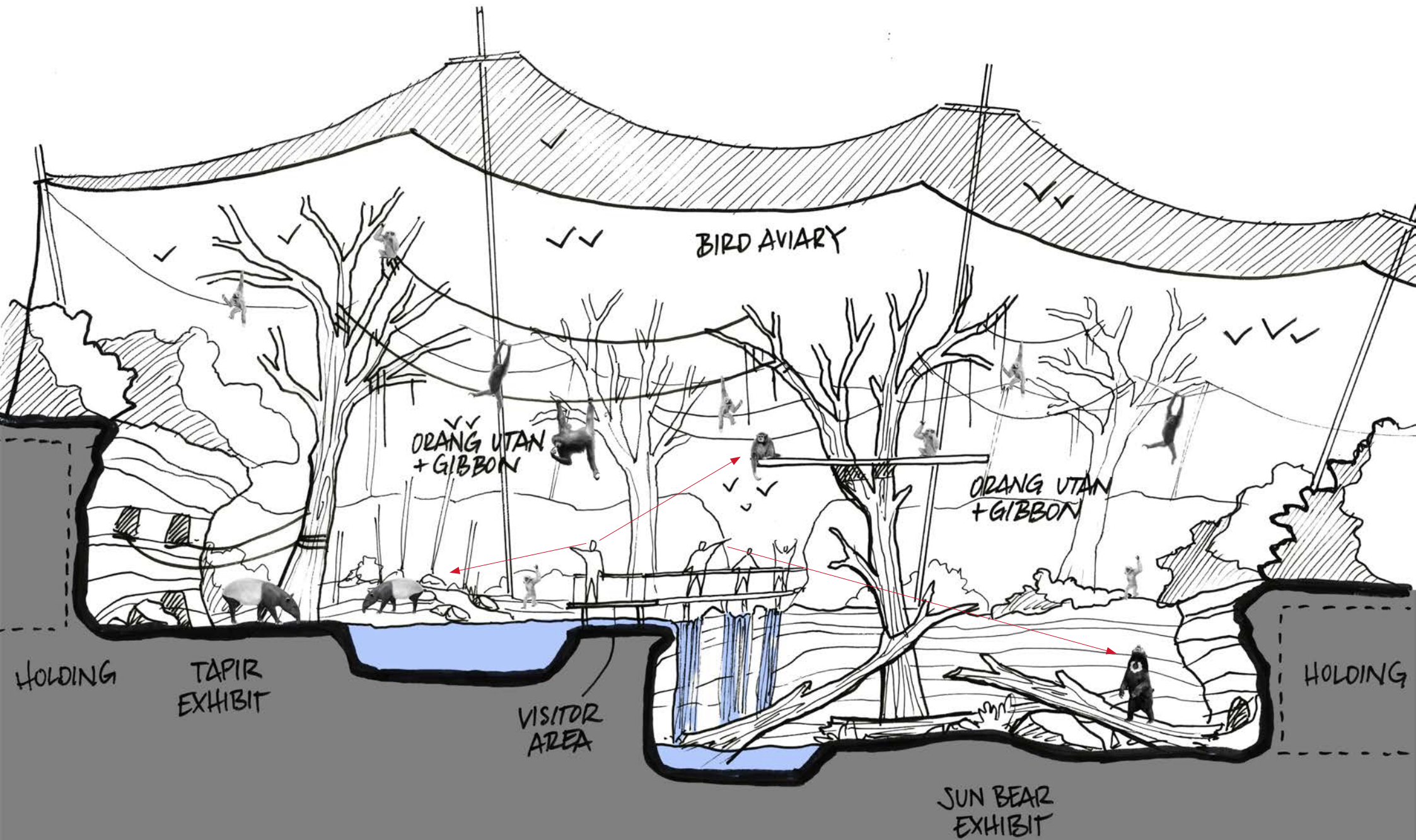
CASE STUDY I

Orang Utans, Gibbons, Tapirs, Bears, Birds



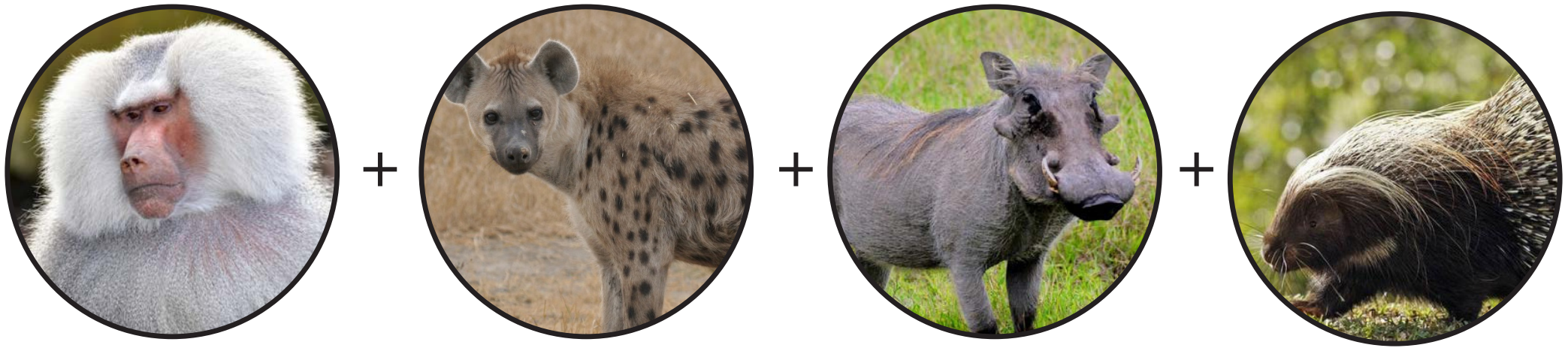
CASE STUDY I

Orang Utans, Gibbons, Tapirs, Bears, Birds



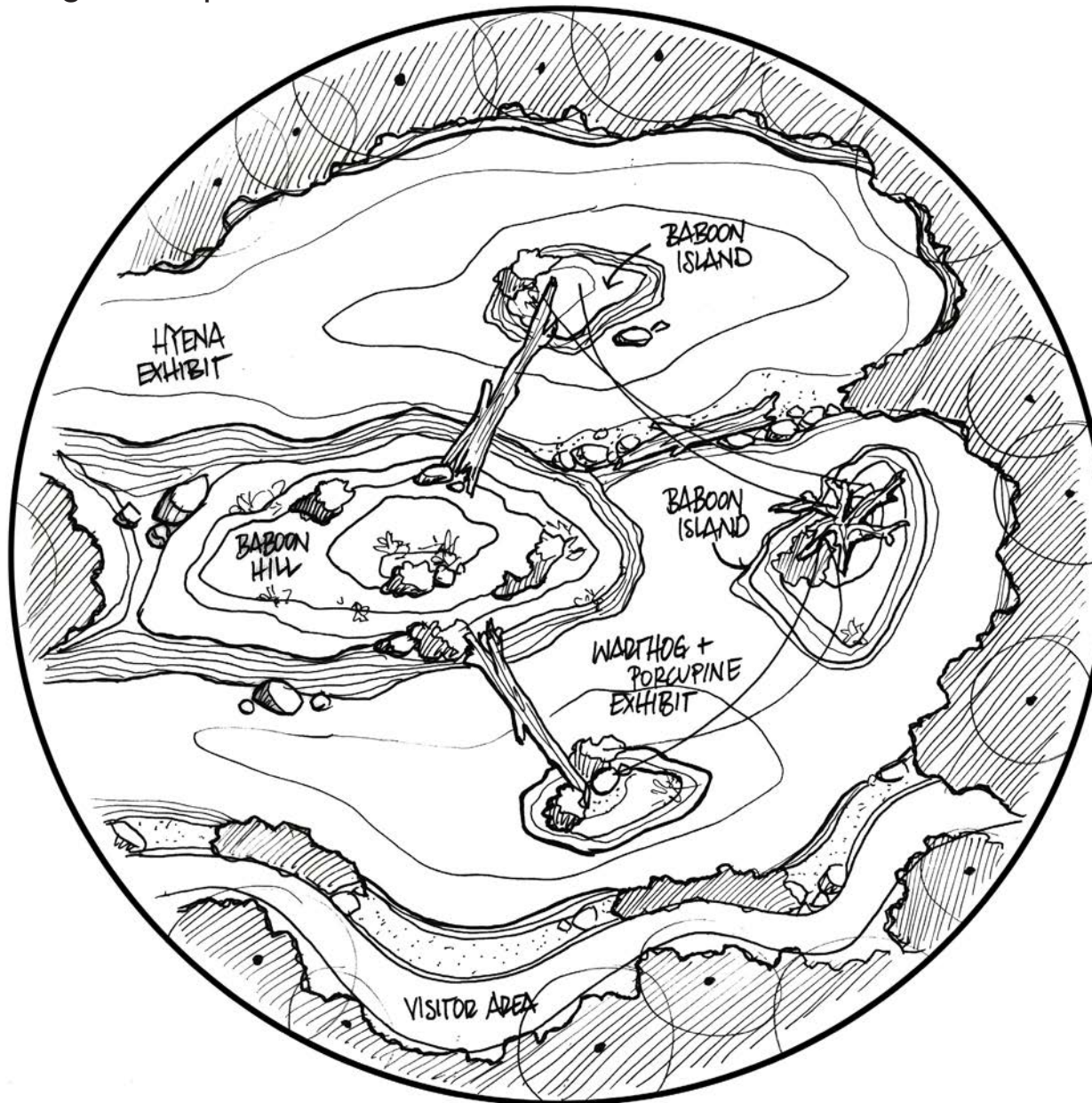
CASE STUDY II

Baboon, Hyena, Warthog, Porcupine



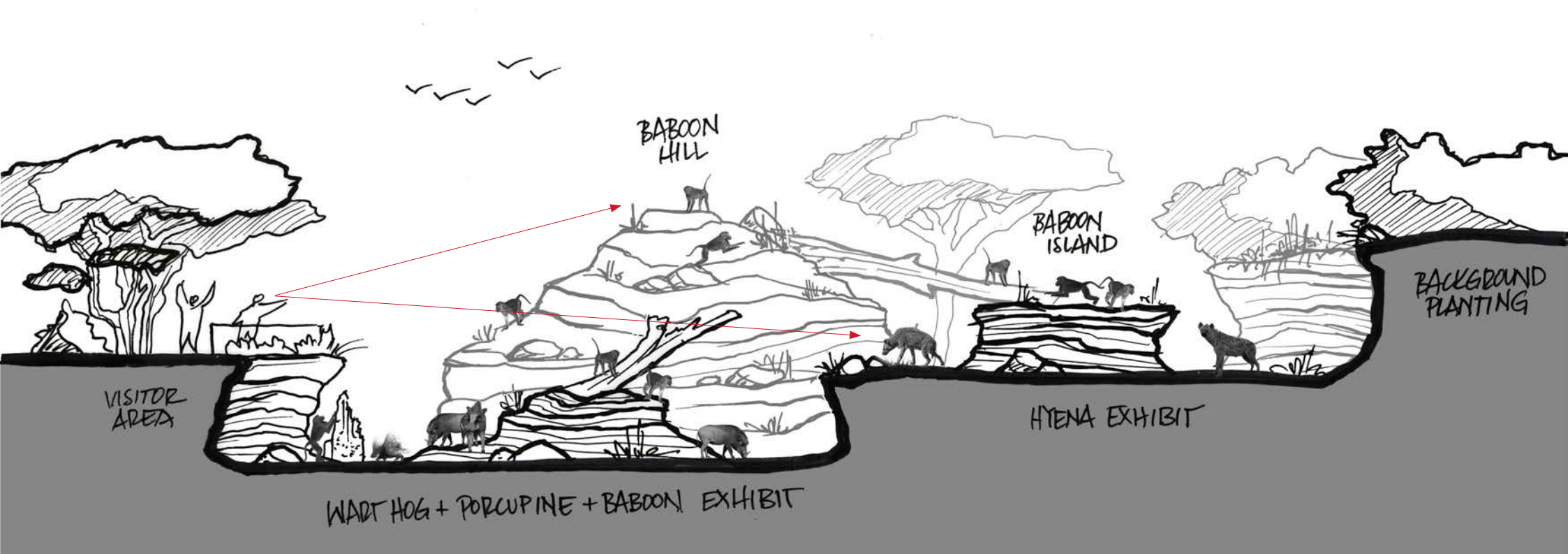
CASE STUDY II

Baboon, Hyena, Warthog, Porcupine



CASE STUDY II

Baboons, Hyenas, Warthogs, Porcupines



CASE STUDY III

Seals, Penguins, Inca Terns, Fishes



+



+

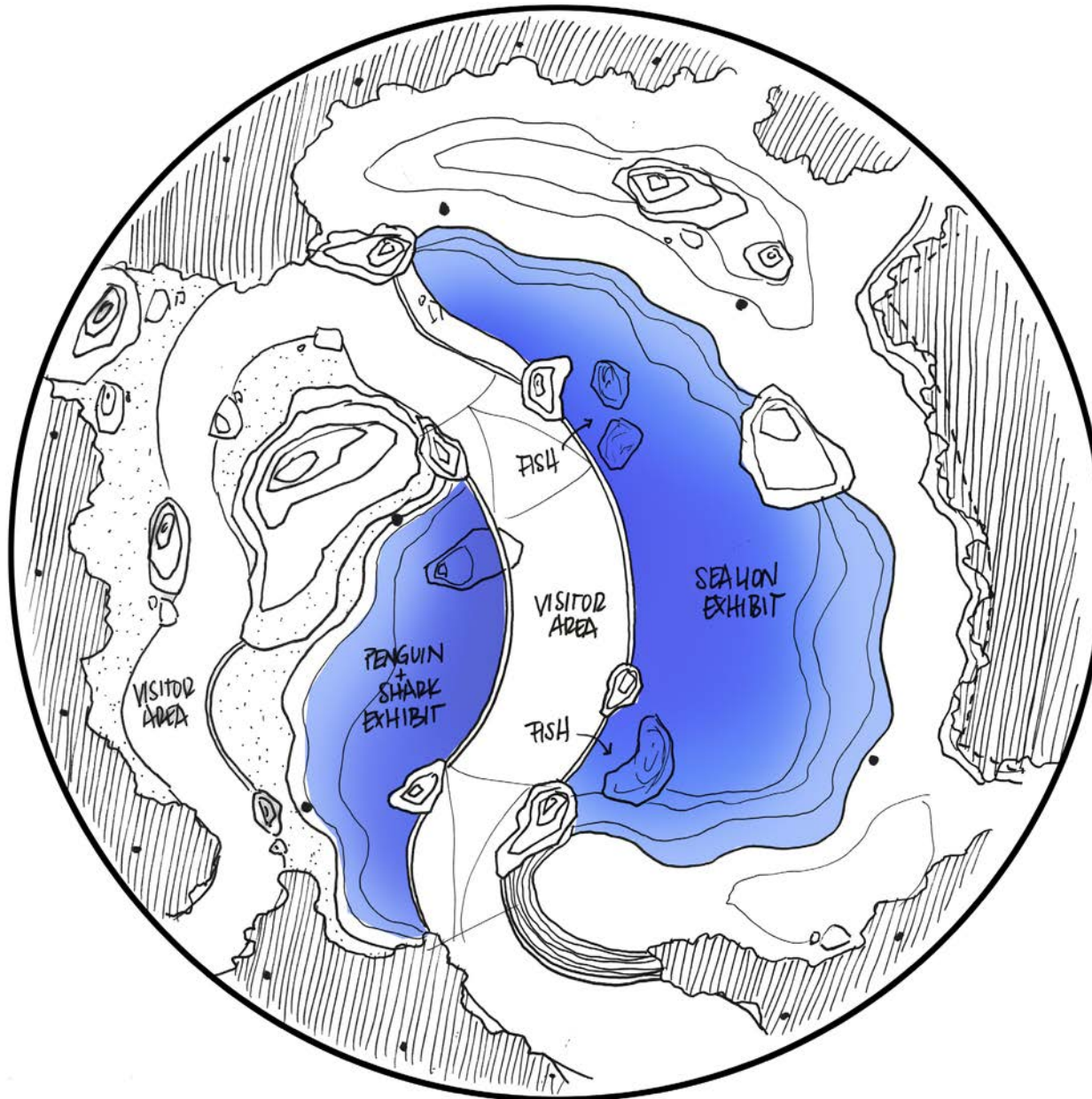


+



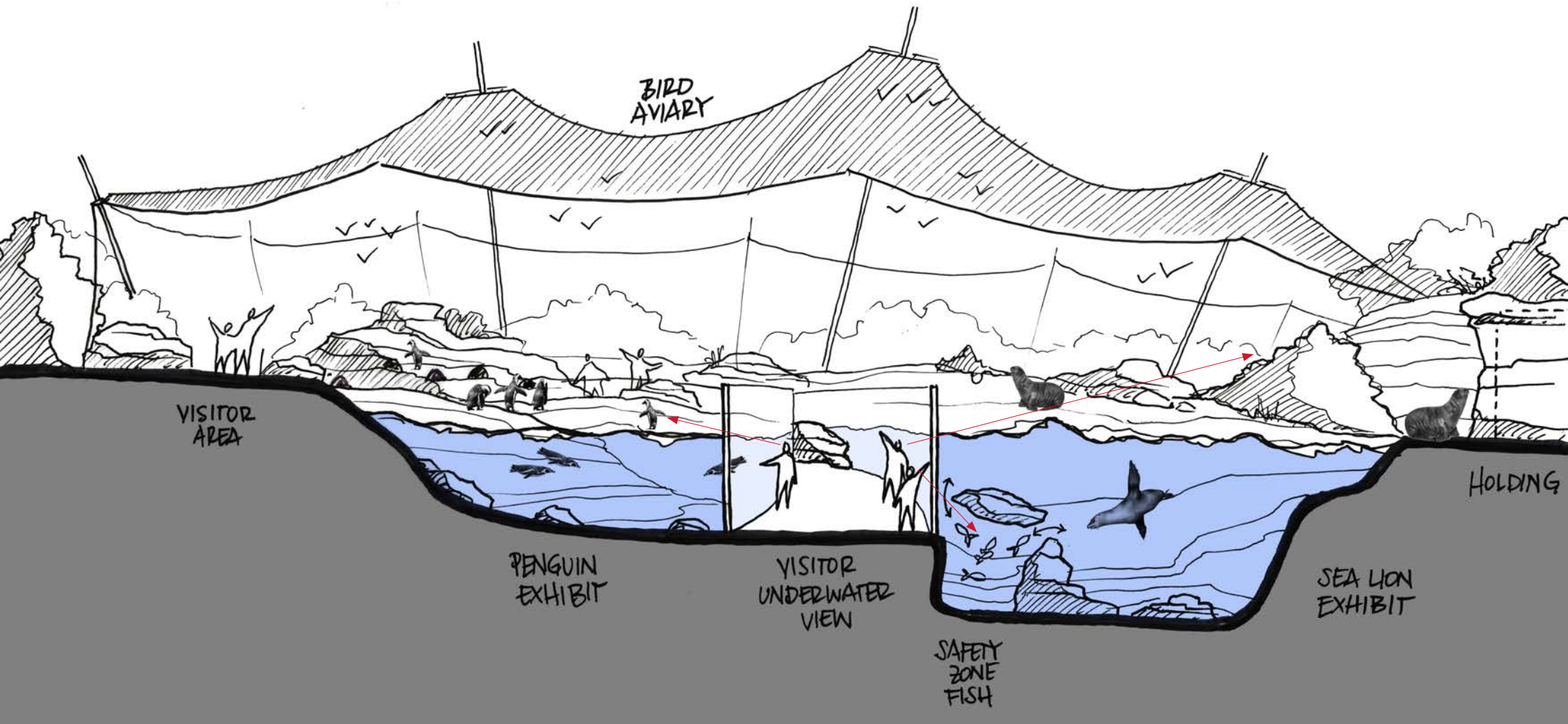
CASE STUDY III

Seals, Penguins, Inca Terns, Fishes



CASE STUDY III

Seals, Penguins, Inca Terns, Fishes





**ALL IDEAS BRING UP THEIR OWN OPPORTUNITIES
AND CHALLENGES!**

CALCULATED RISK

Basel Zoo | Switzerland





Thank you!

CONTACT



KIERAN STANLEY

CEO | Creative Director
k.stanley@danpearlman.com

JÖRG SCHNEIDER

Project Management
j.schneider@danpearlman.com

JOKE LEON KLEIN

Architecture
j.klein@danpearlman.com

dan pearlman Erlebnisarchitektur

Gesellschaft von Architekten und
Innenarchitekten mbH

Kieffholzstrasse 2
12435 Berlin
Germany

Phone +49 30 - 53 00 05 60

Fax +49 30 - 53 00 05 78

office-ea@danpearlman.com
www.danpearlman.com

COPYRIGHT

All ideas and proposals documented in this presentation are the intellectual property of dan pearlman. The unauthorised usage, complete or partial duplication or transfer of any part of this presentation is prohibited. dan pearlman concepts are subject to the applicable copyright laws of Germany. Copyrights are not automatically included. All rights of images used within this documentation must be clarified separately, prior to partial or complete publication (e.g. planning documents, reports, booklets).