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The Byre: Nguni Cattle Research and Training Institute

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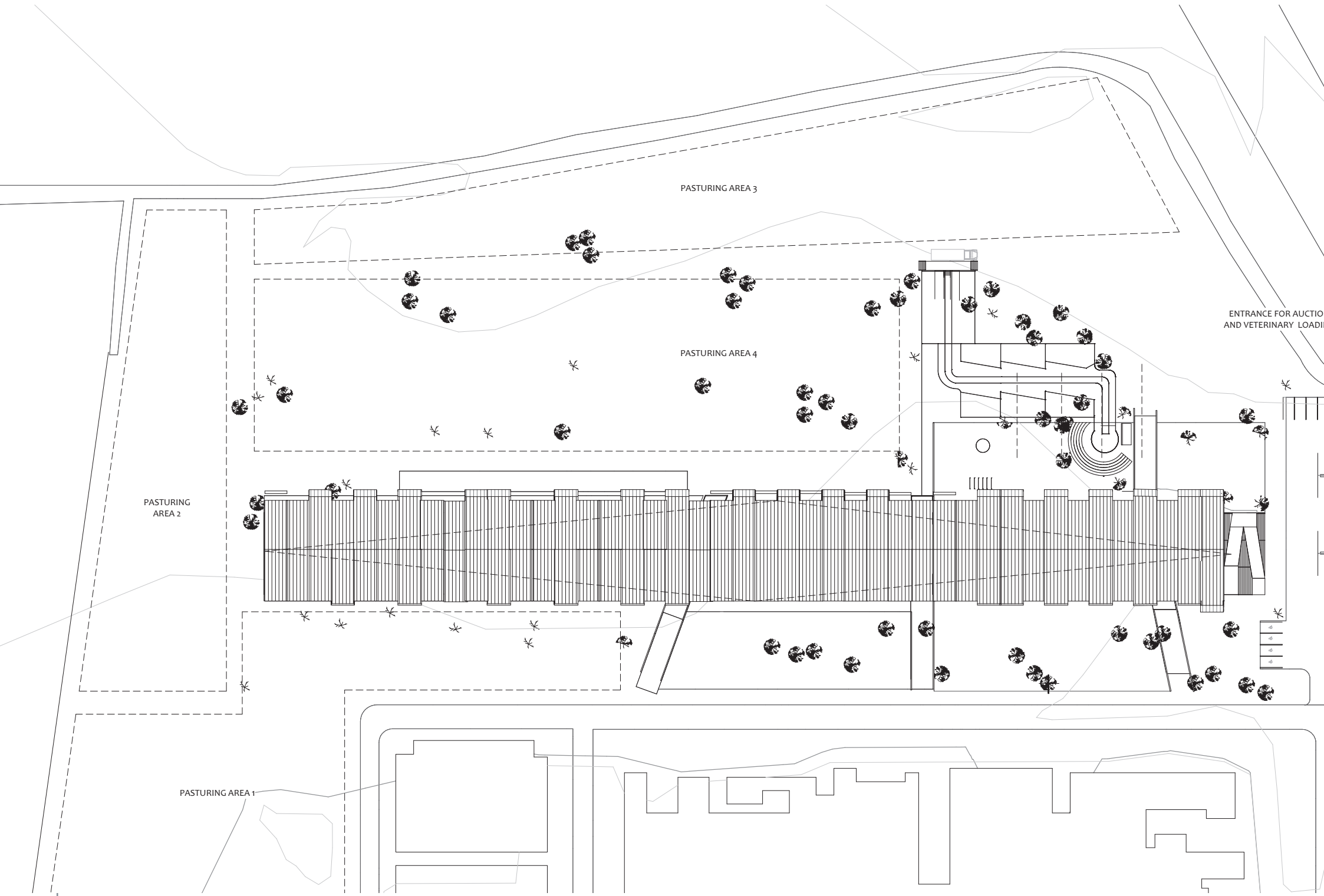
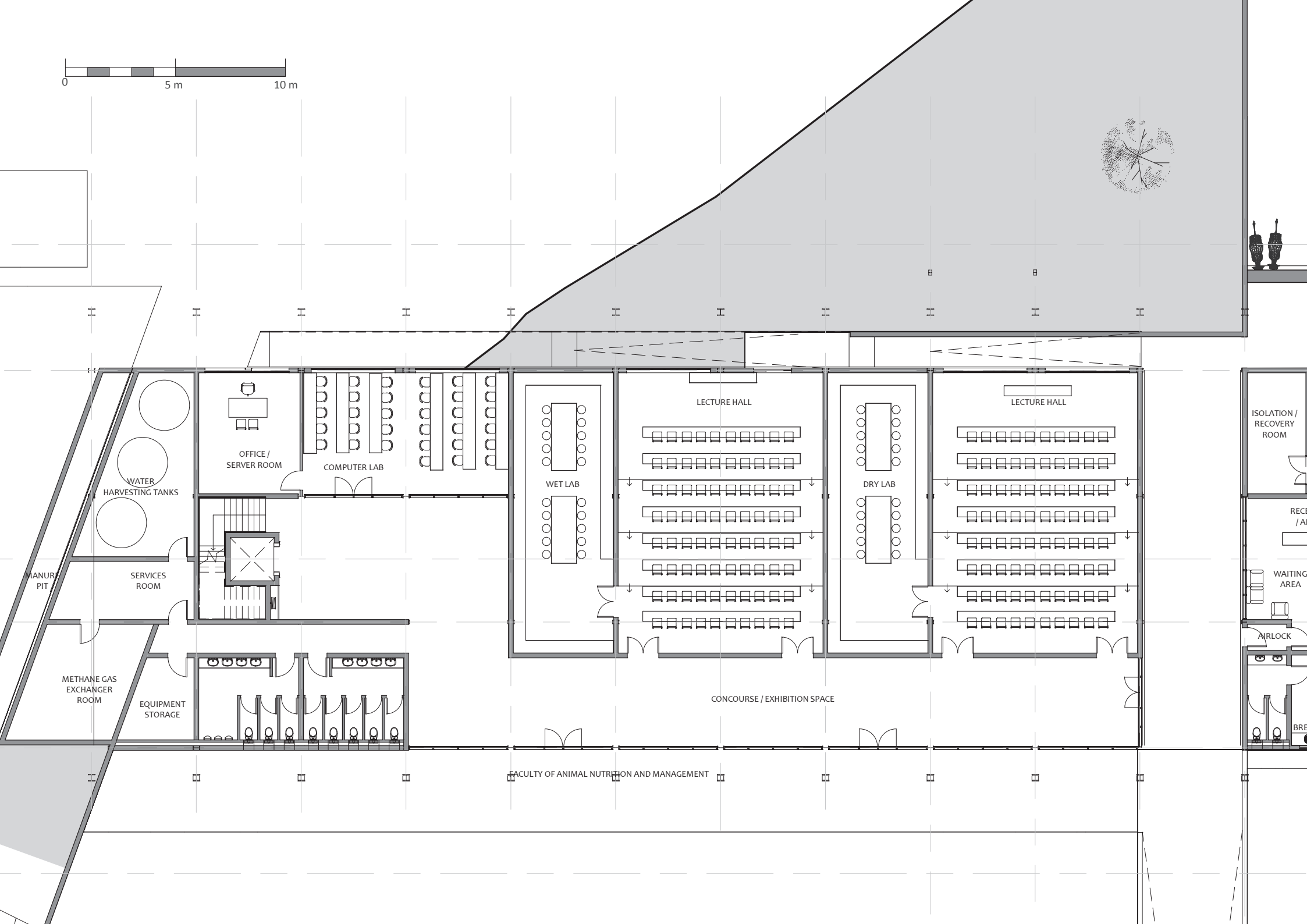
THE BYRE

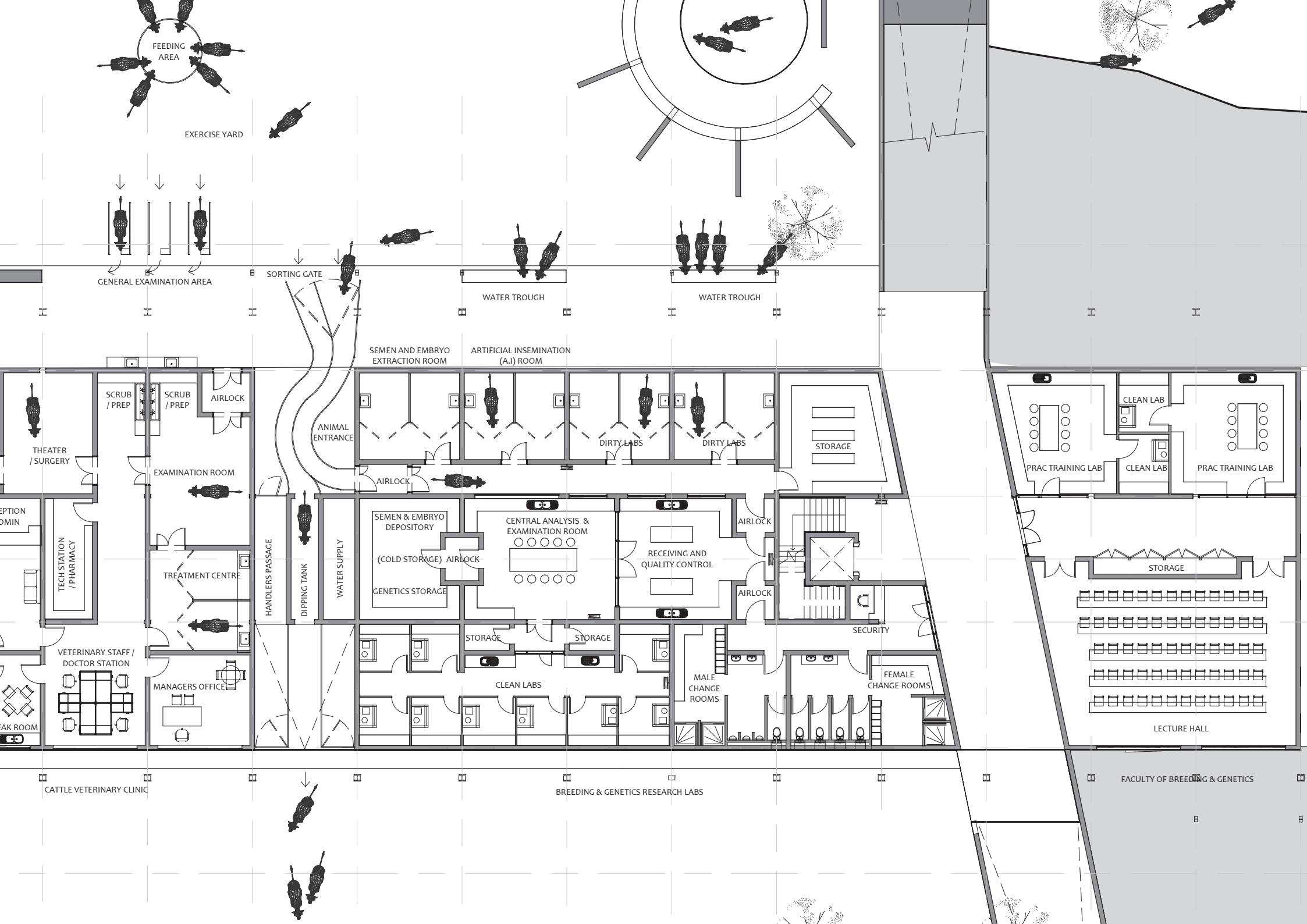

PASTURING AREA 3
PASTURING AREA 4
PASTURING AREA 2
PASTURING AREA 1
ENTRANCE FOR AUCTIO
AND VETERINARY LOADI

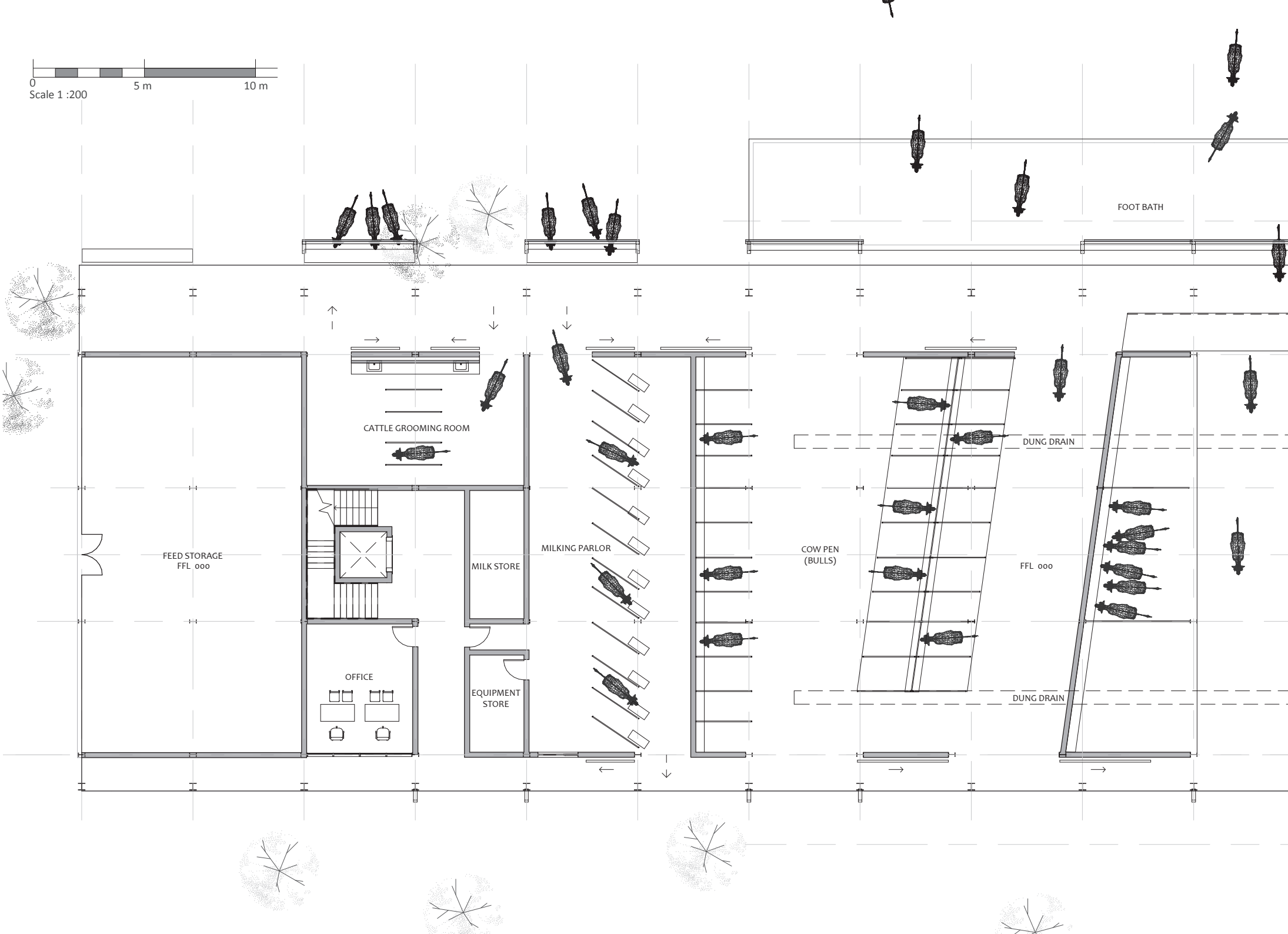
Site plan:

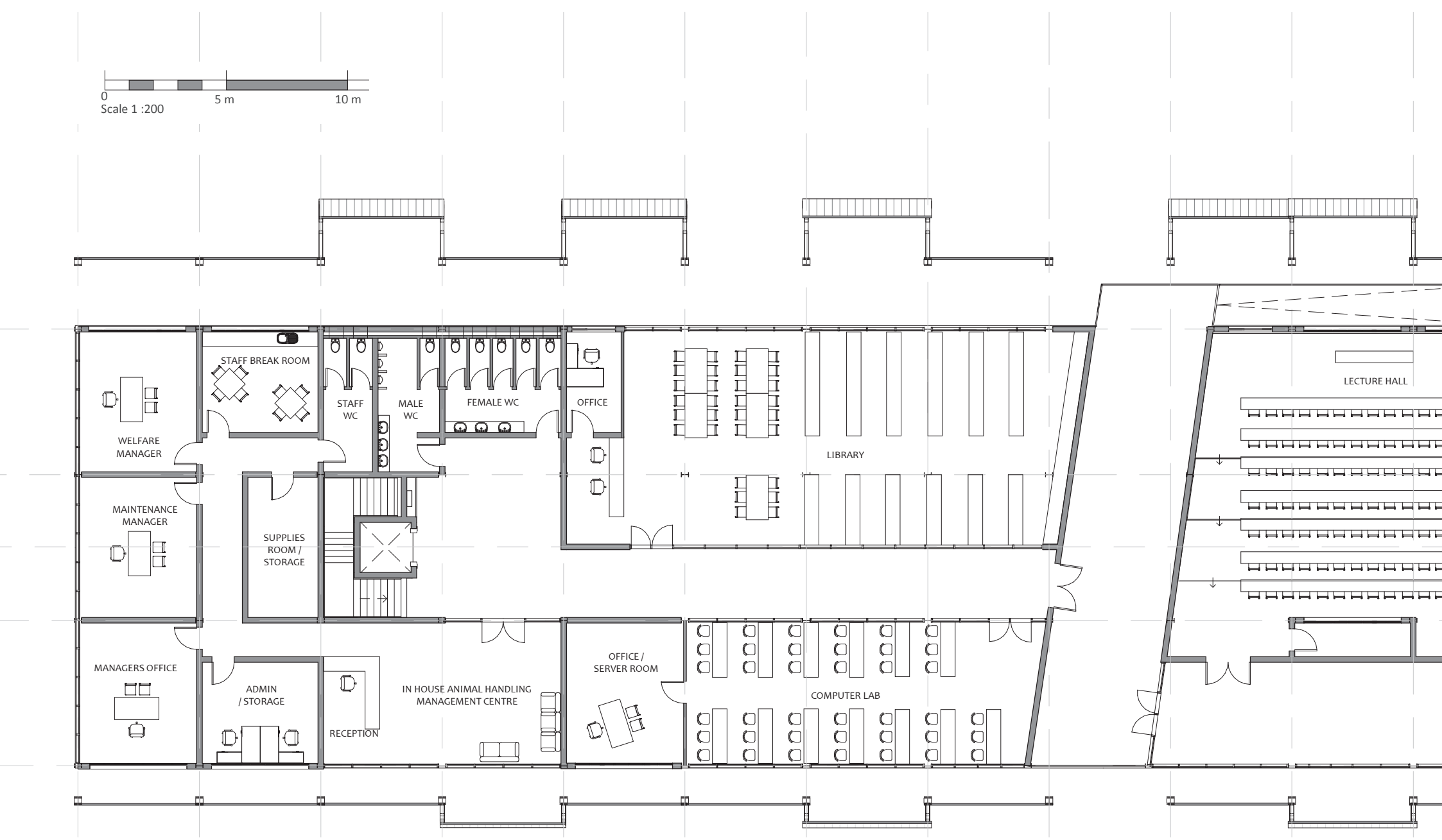


Scale 1:1000


0
5 m
10 m
OFFICE / SERVER ROOM
COMPUTER LAB
WATER HARVESTING TANKS
WET LAB
LECTURE HALL
DRY LAB
LECTURE HALL
ISOLATION / RECOVERY ROOM
MANURE PIT
SERVICES ROOM
WAITING AREA
AIRLOCK
METHANE GAS EXCHANGER ROOM
EQUIPMENT STORAGE
CONCOURSE / EXHIBITION SPACE
FACULTY OF ANIMAL NUTRITION AND MANAGEMENT


FEEDING AREA
EXERCISE YARD
GENERAL EXAMINATION AREA
SORTING GATE
WATER TROUGH
WATER TROUGH
SEMEN AND EMBRYO EXTRACTION ROOM
ARTIFICIAL INSEMINATION (A.I) ROOM
ANIMAL ENTRANCE
DIRTY LABS
DIRTY LABS
STORAGE
AIRLOCK
SCRUB / PREP
SCRUB / PREP
AIRLOCK
THEATER / SURGERY
EXAMINATION ROOM
TECH STATION / PHARMACY
TREATMENT CENTRE
HANDLERS PASSAGE
DIPPING TANK
WATER SUPPLY
SEMEN & EMBRYO DEPOSITORY
(COLD STORAGE) AIRLOCK
GENETICS STORAGE
CENTRAL ANALYSIS & EXAMINATION ROOM
RECEIVING AND QUALITY CONTROL
AIRLOCK
AIRLOCK
SECURITY
STORAGE
STORAGE
CLEAN LABS
MALE CHANGE ROOMS
FEMALE CHANGE ROOMS
VETERINARY STAFF / DOCTOR STATION
MANAGERS OFFICE
CLEAN LAB
PRAC TRAINING LAB
CLEAN LAB
PRAC TRAINING LAB
STORAGE
LECTURE HALL
CATTLE VETERINARY CLINIC
BREEDING & GENETICS RESEARCH LABS
FACULTY OF BREEDING & GENETICS

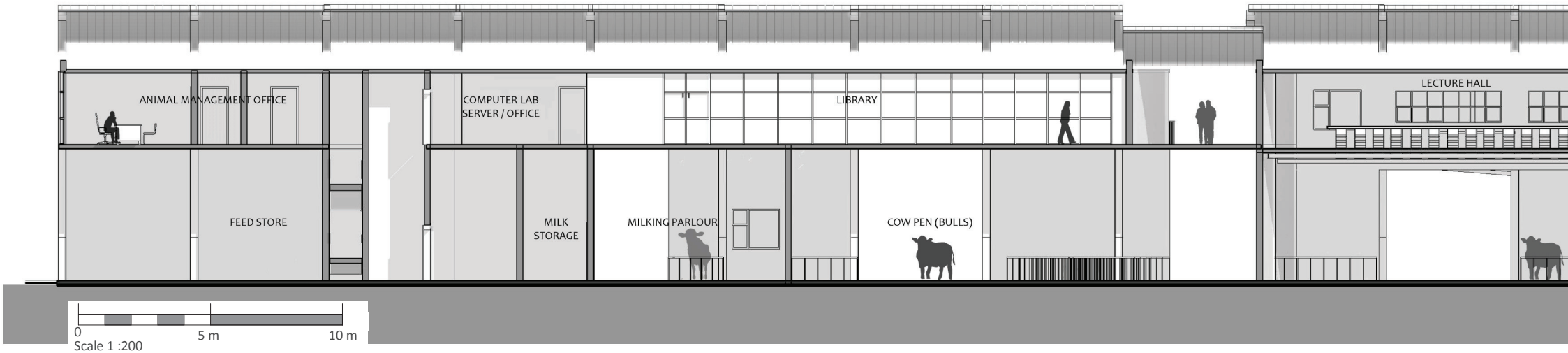

0
5 m
10 m
Scale 1 :200
FOOT BATH
CATTLE GROOMING ROOM
FEED STORAGE
FFL ooo
MILK STORE
MILKING PARLOR
OFFICE
EQUIPMENT
STORE
COW PEN
(BULLS)
DUNG DRAIN
FFL ooo
DUNG DRAIN



FACULTY OF ANIMAL NUTRITION & MANAGE






ANIMAL MANAGEMENT OFFICE
COMPUTER LAB
SERVER / OFFICE
LIBRARY
LECTURE HALL
FEED STORE
MILK
STORAGE
MILKING PARLOUR
COW PEN (BULLS)
0
5 m
10 m
Scale 1 :200