AURACURVE HABITAT SERVICE SYSTEM

Site Plan Drawings List - List of Sheets

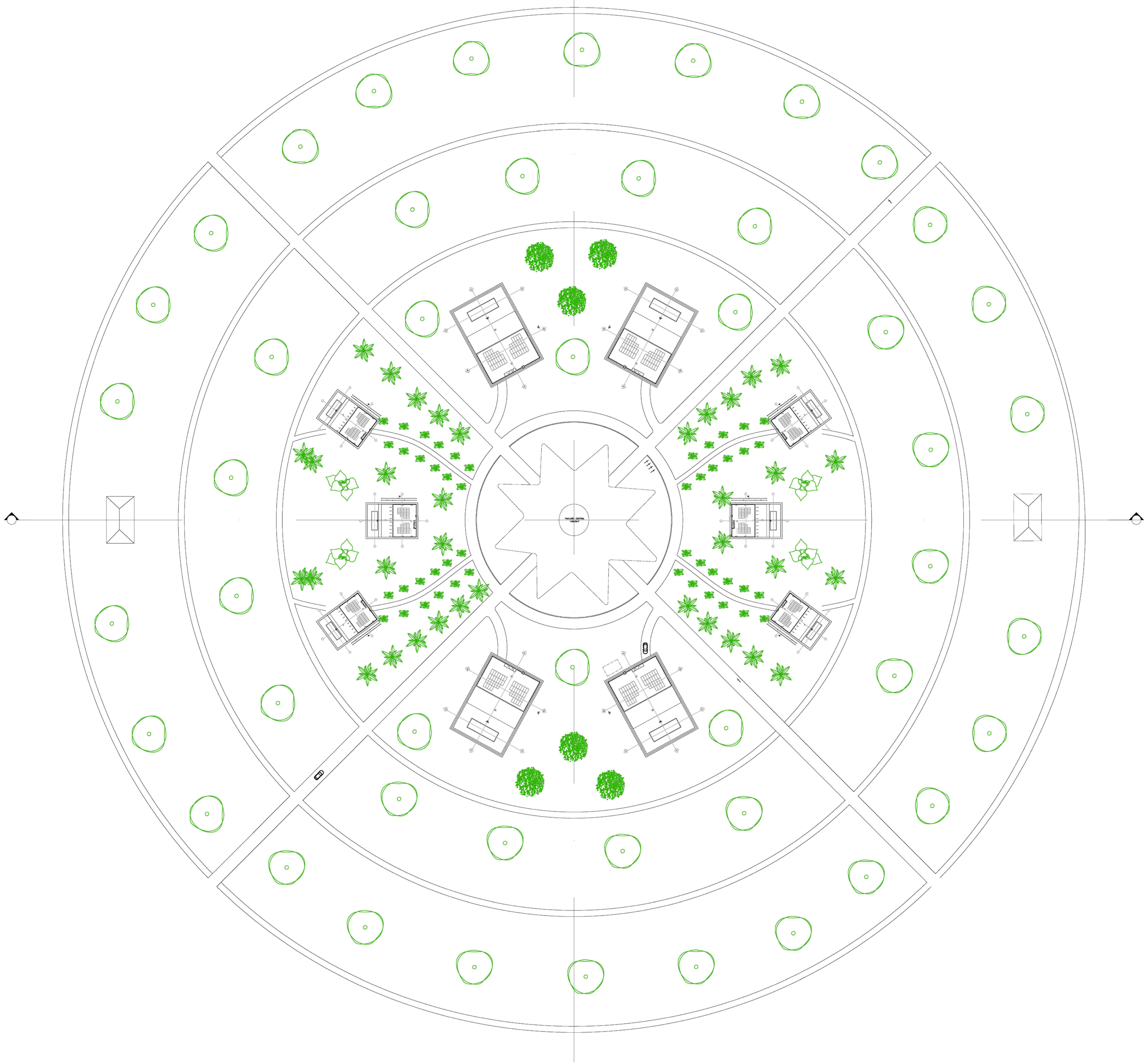
2023/06/09

Sheet Number	Sheet Name	Description	Page #
D1.01	Index Sheet	Drawing Sheet List, Abbreviations *(Missing: Symbols, Assembly Types, Building Code Review)*	1
M1.01	Master Site Plan	Master Site Plan with Multi-Storey Dwellings	2
M1.02	Master Site Plan	Master Site Plan with AuraCurve Dwelling Floor Plans	3
M1.03	Master Site Plan	Detailed Master Site Plan	4
C1.01	Cultivation Plan	Cultivation Plan with Labels	5
C1.02	Cultivation Plan	Regenerative Agriculture Plan with Labels	6
C1.03	Cultivation Plan	Cultivation Plan with Labels and Buildings	7
C1.04	Cultivation Plan	Integrated Agriculture Cultivation	8

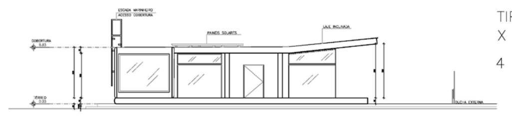
Abbreviations	
D	Drawing List Sheet
M	Master Plan Sheet
C	Cultivation Plan Sheet

THE AURAVANA PROJECT

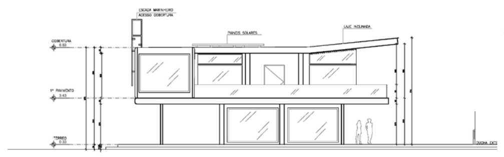
PROJECT FOR A COMMUNITY-TYPE SOCIETY



TIPOLOGIAS

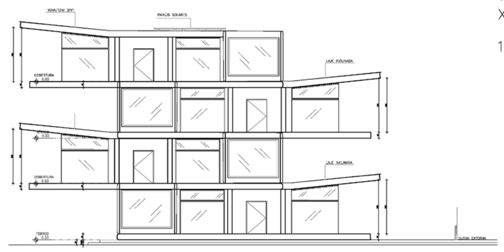


TIPO 1 – 1 FAMÍLIA
X 2 UNIDADES
4 FAMÍLIAS

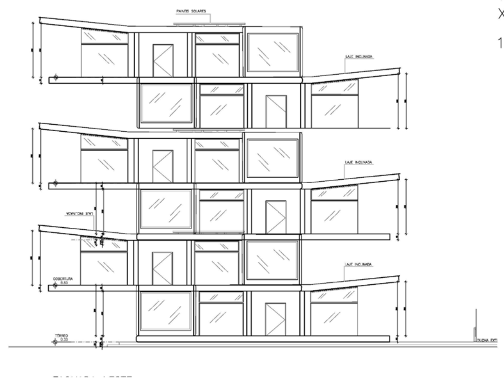


X 2 UNIDADES
4 FAMÍLIAS

FACHADA LESTE

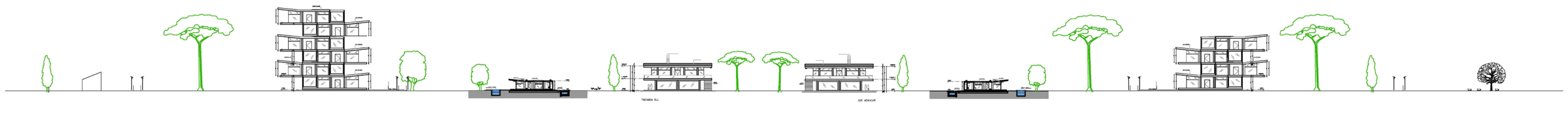


TIPO 2 – 4 FAMÍLIAS
X 4 UNIDADES
16 FAMÍLIAS



TIPO 3 – 6 FAMÍLIAS
X 2 UNIDADES
12 FAMÍLIAS

TOTAL – 32 FAMÍLIAS – 31 FAMILIES
ÁREA CIRCULAR TOTAL = 88.670M²
9 A 10 HECTARES



THE AURAVANA PROJECT
PROJECT FOR A COMMUNITY-TYPE SOCIETY

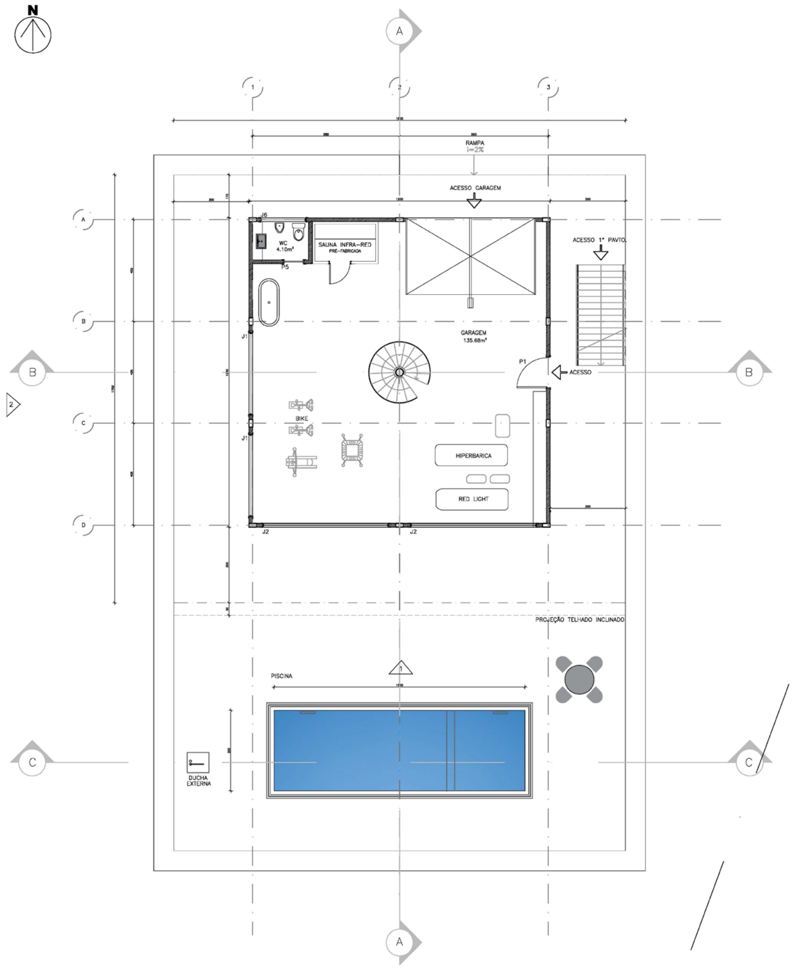
Arquitetura AuraCurve

PROJETO EXECUTIVO - BASE DE ARQUITETURA

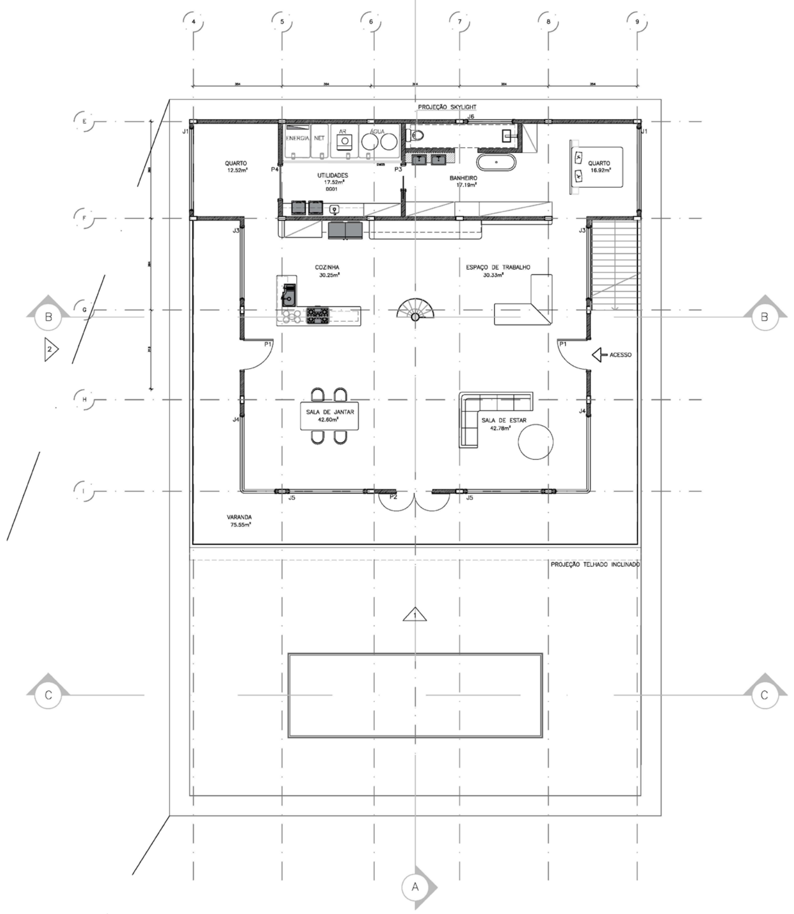
PLANO MASTER - AVALIAÇÃO DE TERRENOS - PAISAGISMO

Revisão:00 DATA:15.10.21
ESC: 1/750

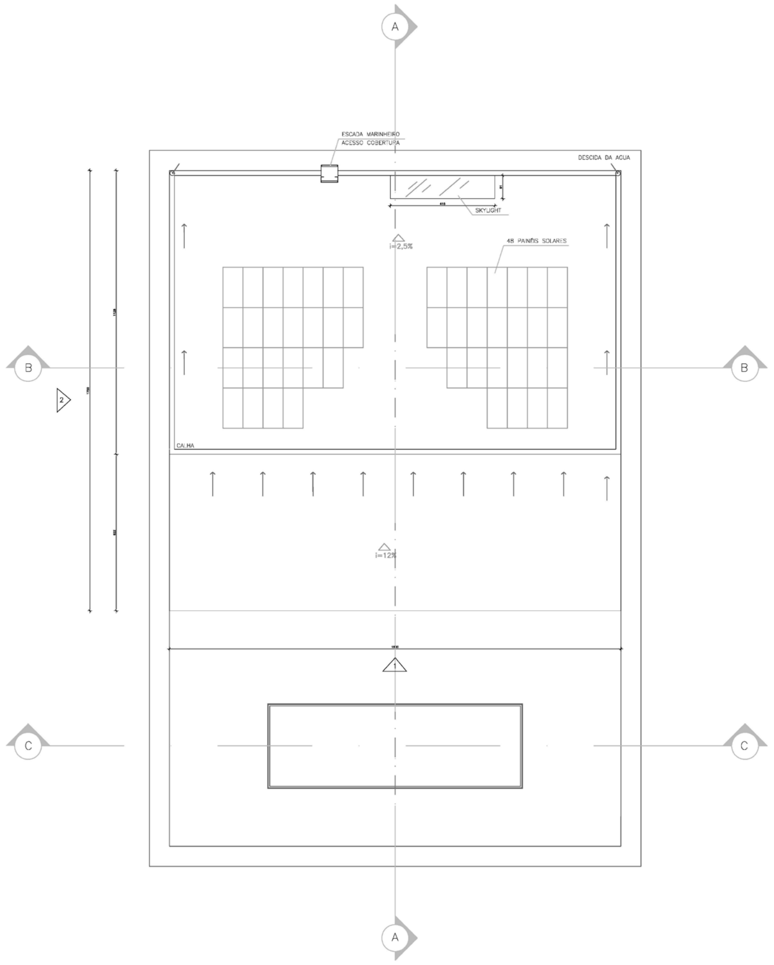
Elizabeth Reizinger and Travis Grant



02 TÉRREO
ESCALA 1/100



03 1° PAVIMENTO
ESCALA 1/100



04 COBERTURA
ESCALA 1/100

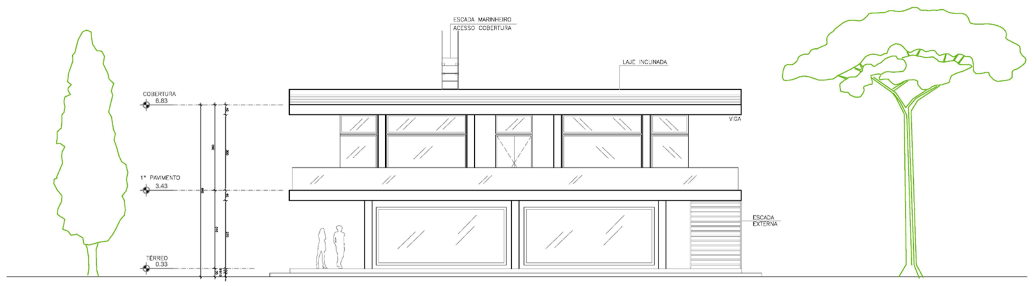
LEGENDA

ALVENARIA - PLACA DE CONCRETO ALVEOLAR

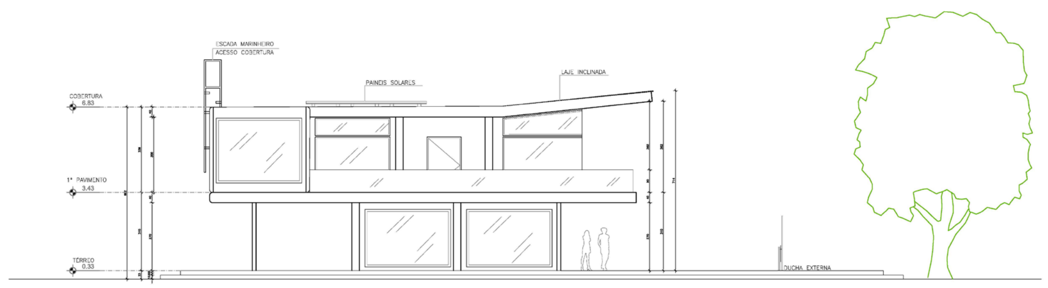
ESTRUTURA METÁLICA - VIGAS E PILARES

QUADRO GERAL DE ESQUADRIAS							
TIPO DE ESQUADRIA	CÓDIGO	LARGURA	ALTURA	PEITORIL	TIPO	MATERIAL	QUANT.
JANELA	J1	3,20	2,80	–	FIXA	PERFIL AÇO E VIDRO DUPLO	4
	J2	5,00	2,80	–	FIXA	PERFIL AÇO E VIDRO DUPLO	2
	J3	2,85	2,80	–	FIXA	PERFIL AÇO E VIDRO DUPLO	2
	J4	3,20+1,20	2,80	–	FIXA E CURVA	PERFIL AÇO E VIDRO DUPLO	2
	J5	3,00	2,80	–	FIXA	PERFIL AÇO E VIDRO DUPLO	2
	J6	1,80	1,90	0,90	FIXA	PERFIL AÇO E VIDRO DUPLO	2
	TOTAL						14
PORTAS	P1	1,20	2,80	–	ABRIR	PERFIL AÇO E VIDRO DUPLO	3
	P2	1,40	2,80	–	ABRIR 2 FOLHAS	PERFIL AÇO E VIDRO DUPLO	1
	P3	1,30	2,10	–	CORRER	PERFIL AÇO E VIDRO DUPLO	2
	P4	0,75	2,10	–	CORRER	MADEIRA	1
	TOTAL						7

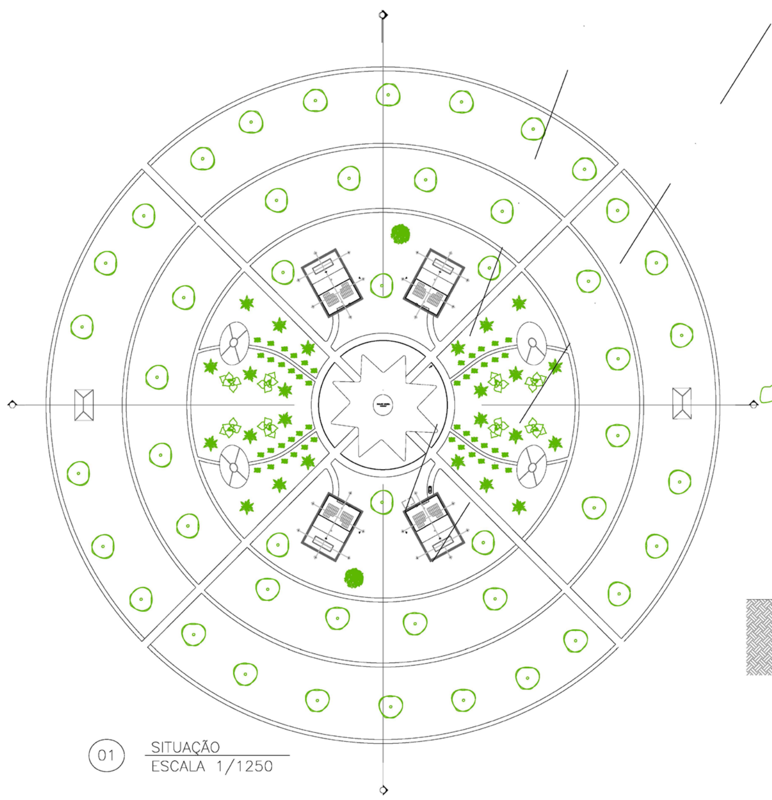
QUADRO DE ÁREAS		
PAVIMENTO	COMODO	ÁREA (M^2)
TÉRREO	GARAGEM	$135.68m^2$
	WC	$4.10m^2$
TOTAL		$141.61m^2$
1° PAVIMENTO	COZINHA	$30.25m^2$
	ÁREA DE TRABALHO	$30.33m^2$
	SALA DE JANTAR	$42.60m^2$
	SALA DE ESTAR	$42.78m^2$
	QUARTO	$16.92m^2$
	BANHEIRO	$17.19m^2$
	UTILIDADES	$17.52m^2$
	QUARTO	$12.52m^2$
	VARANDA	$75.55m^2$
TOTAL		$306,10m^2$



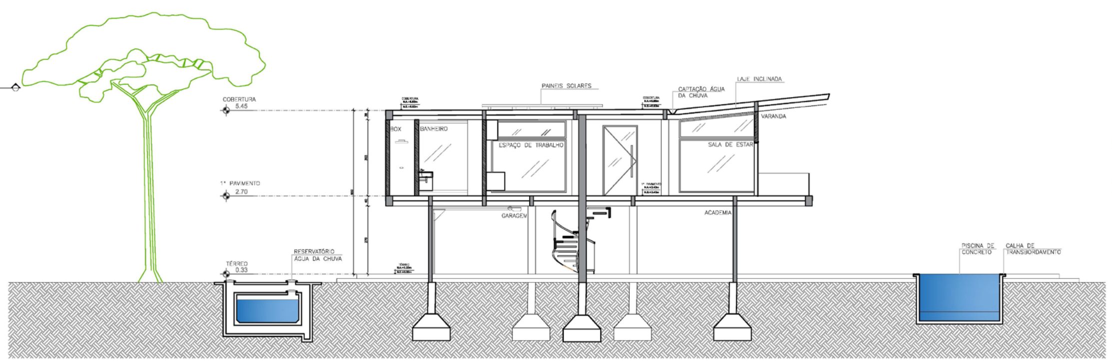
05 FACHADA 1 – SUL
ESCALA 1/100



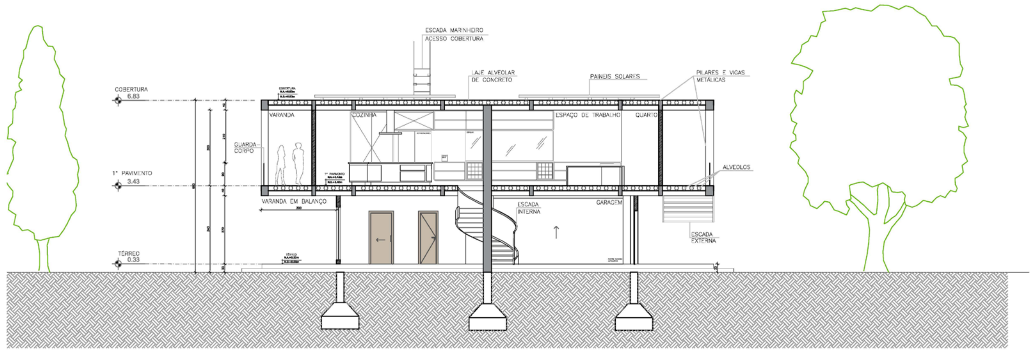
06 FACHADA 2 – LESTE
ESCALA 1/100



01 SITUAÇÃO
ESCALA 1/1250



07 CORTE AA
ESCALA 1/100



08 CORTE BB
ESCALA 1/100

THE AURAVANA PROJECT
PROJECT FOR A COMMUNITY-TYPE SOCIETY

Arquitetura AuraCurve

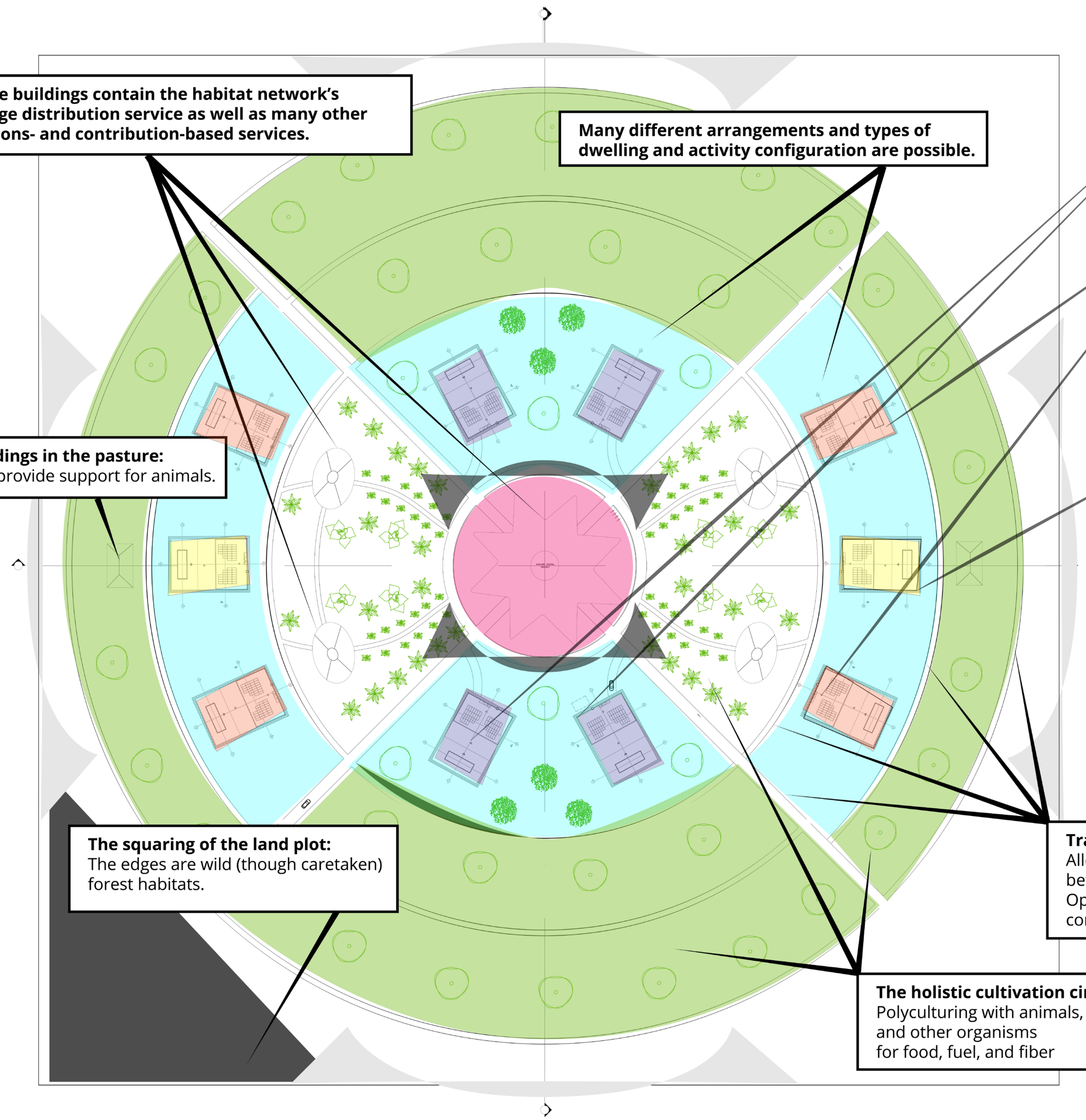
PROJETO EXECUTIVO - BASE DE ARQUITETURA

PLANTA BAIXA - PLANO MASTER - SITUAÇÃO

Revisão:00 DATA:06.10.21
ESC: VÁRIAS

Elizabeth Reizinger and Travis Grant

Optimization of the habitat service system through a network configuration



Service buildings contain the habitat network's package distribution service as well as many other commons- and contribution-based services.

Many different arrangements and types of dwelling and activity configuration are possible.

Buildings in the pasture:
Can provide support for animals.

The squaring of the land plot:
The edges are wild (though caretaken) forest habitats.

Transportation pathways
Allow for efficient access within and between networked habitats.
Optimized for walking, biking, and electric conveying vehicles.

The holistic cultivation circulars:
Polyculturing with animals, plants, and other organisms
for food, fuel, and fiber

TIPOLOGIAS

This configuration can dwell 32 families.

total circular area = 88.670m^2
8 to 9 hectares

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PROJETO EXECUTIVO - BASE DE ARQUITETURA

PLANO MASTER - AVALIAÇÃO DE TERRENOS - PAISAGISMO

Revisão:00 DATA:15.10.21
ESC: 1/750

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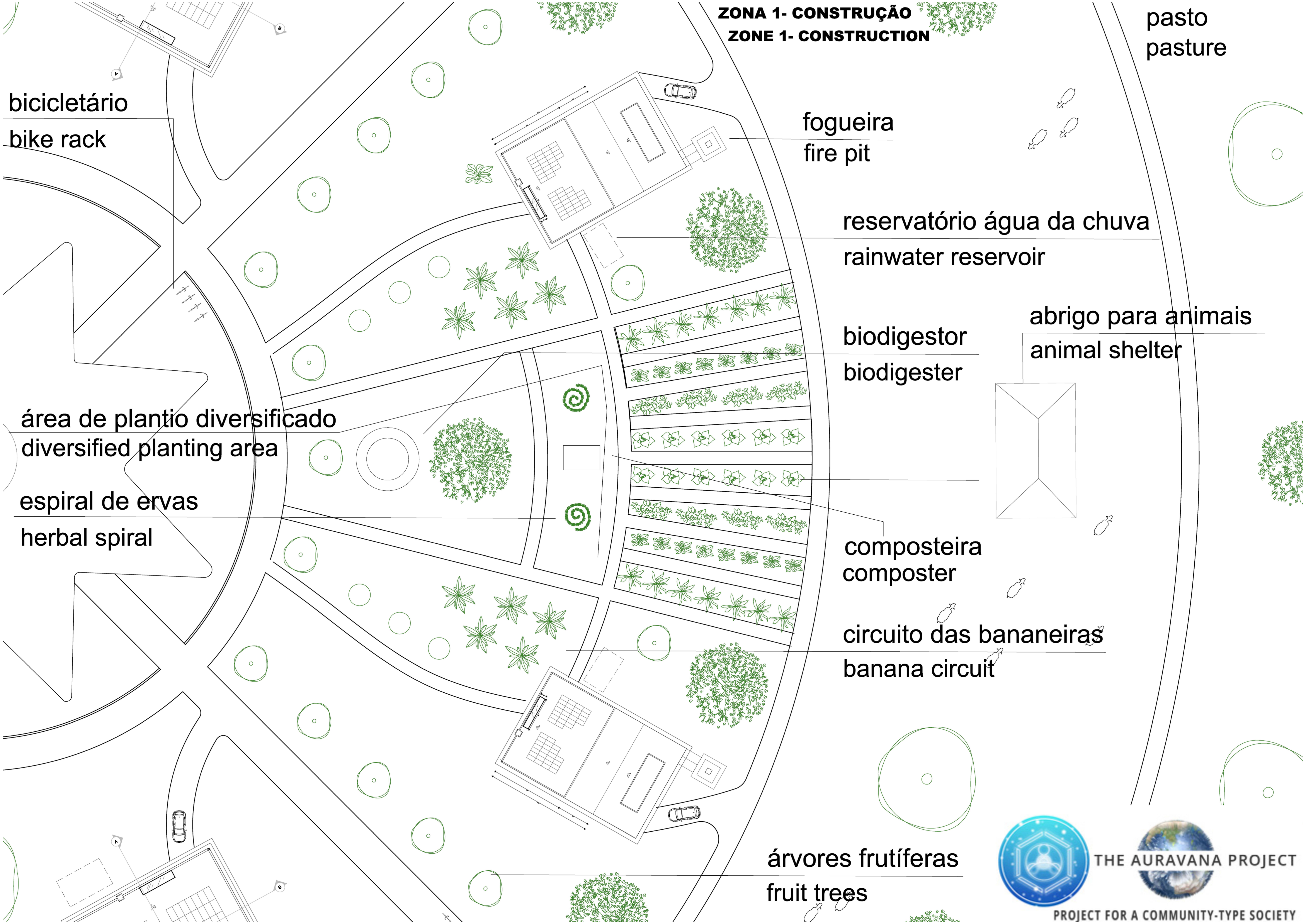


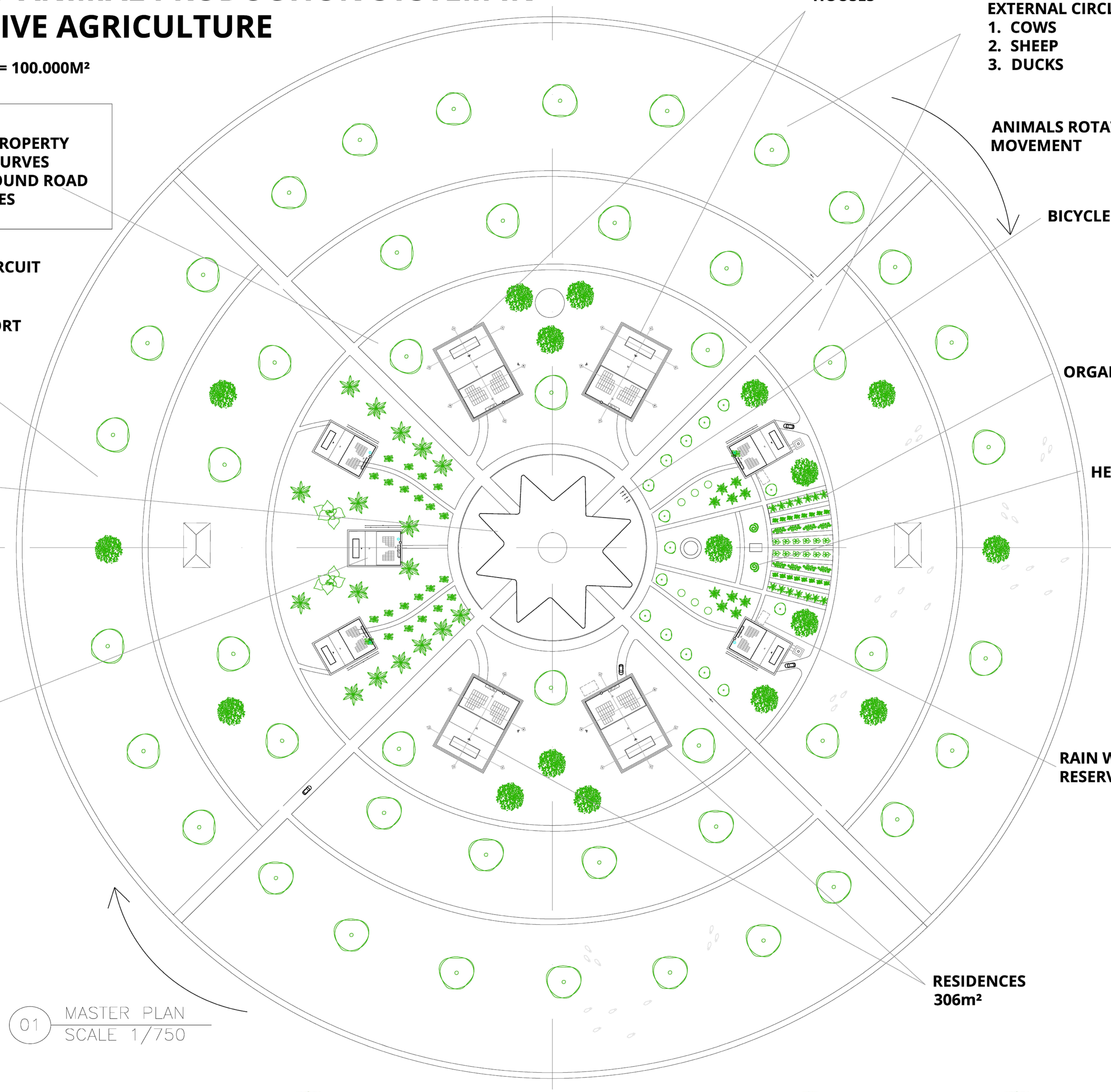
THE AURAVANA PROJECT

PROJECT FOR A COMMUNITY-TYPE SOCIETY

INTEGRATED ANIMAL PRODUCTION SYSTEM IN REGENERATIVE AGRICULTURE

TOTAL CIRCULAR AREA = 100.000M^2
10 HECTARES

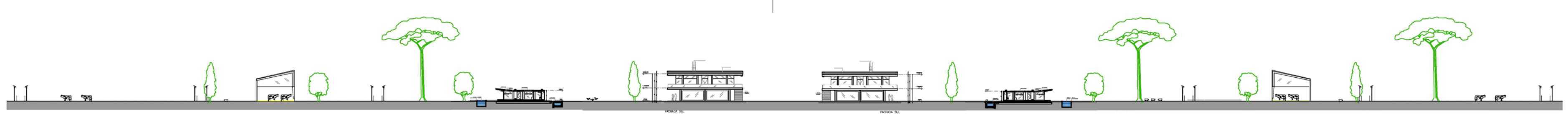
REQUIREMENTS
1. WATER ON THE PROPERTY
2. SMOOTH LEVEL CURVES
3. 0 TO 5KM OF GROUND ROAD
4. 15 TO 20 HECTARES



01 MASTER PLAN
SCALE 1/750

TYPOLOGIES

N

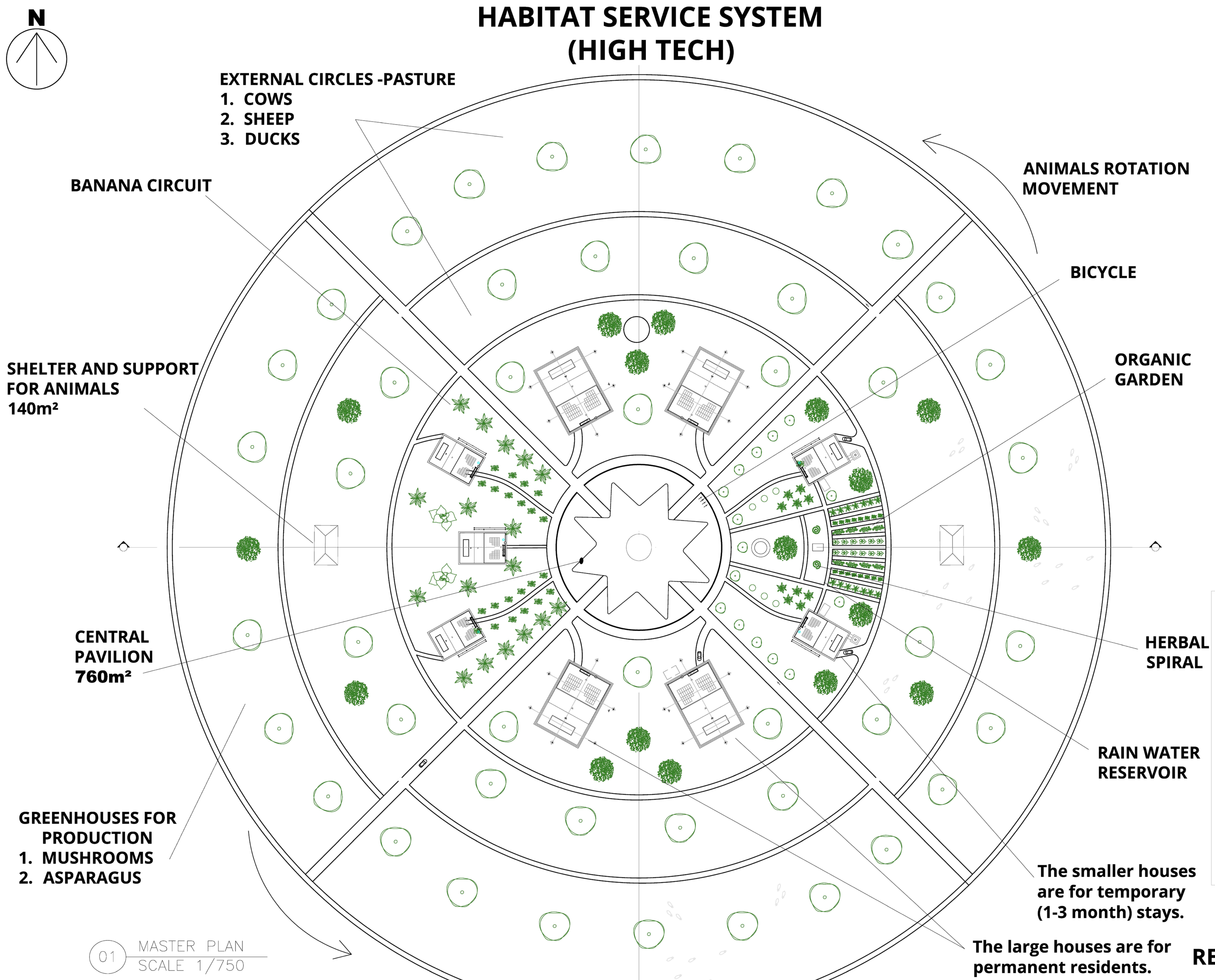


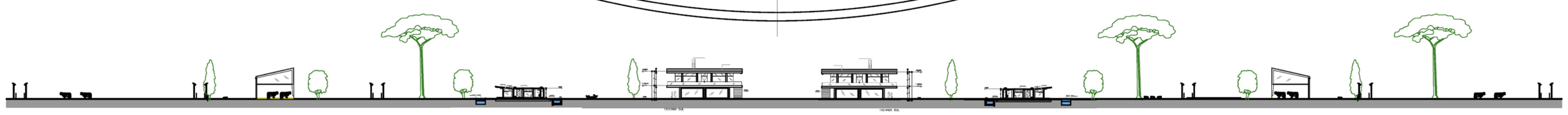
THE AURAVANA PROJECT
PROJECT FOR A COMMUNITY-TYPE SOCIETY

EXECUTIVE PROJECT - ARCHITECTURE BASE
MASTER PLAN - LAND ASSESSMENT

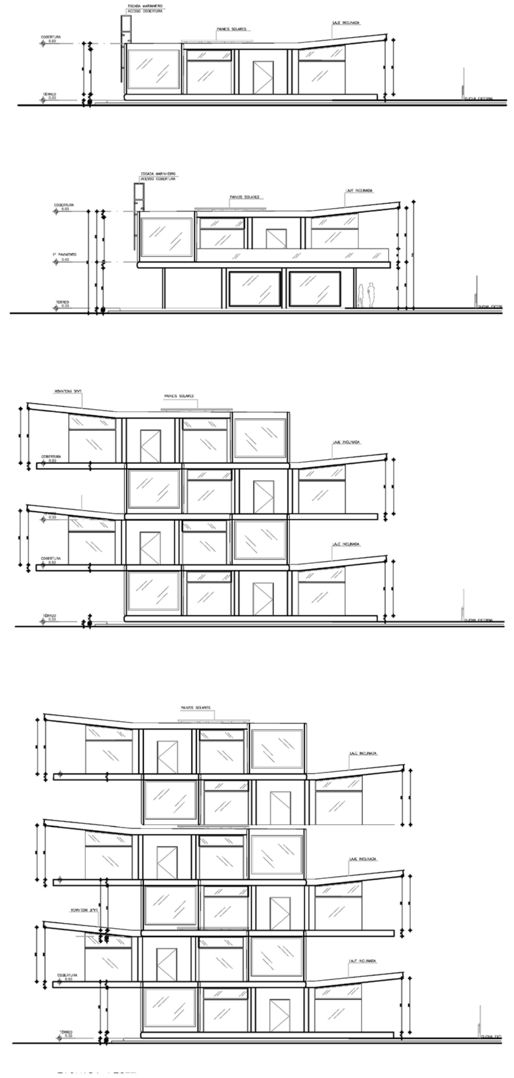
Revisão:00
ESC: 1/750
DATA:09.12.21

HABITAT SERVICE SYSTEM
(HIGH TECH)





TYPOLOGIES



AURACURVE HOUSE CONSTRUCTION METHOD: METALLIC STRUCTURE AND CONCRETE ALVEOLAR PANEL

1 HOUSE= 1 FAMILIES (2 TO 5 PEOPLE)

TOTAL IN THIS HABITAT SYSTEM= 9 HOUSES (18 TO 45 PEOPLE)

TOTAL CIRCULAR AREA = 100,000M² 10 HECTARES

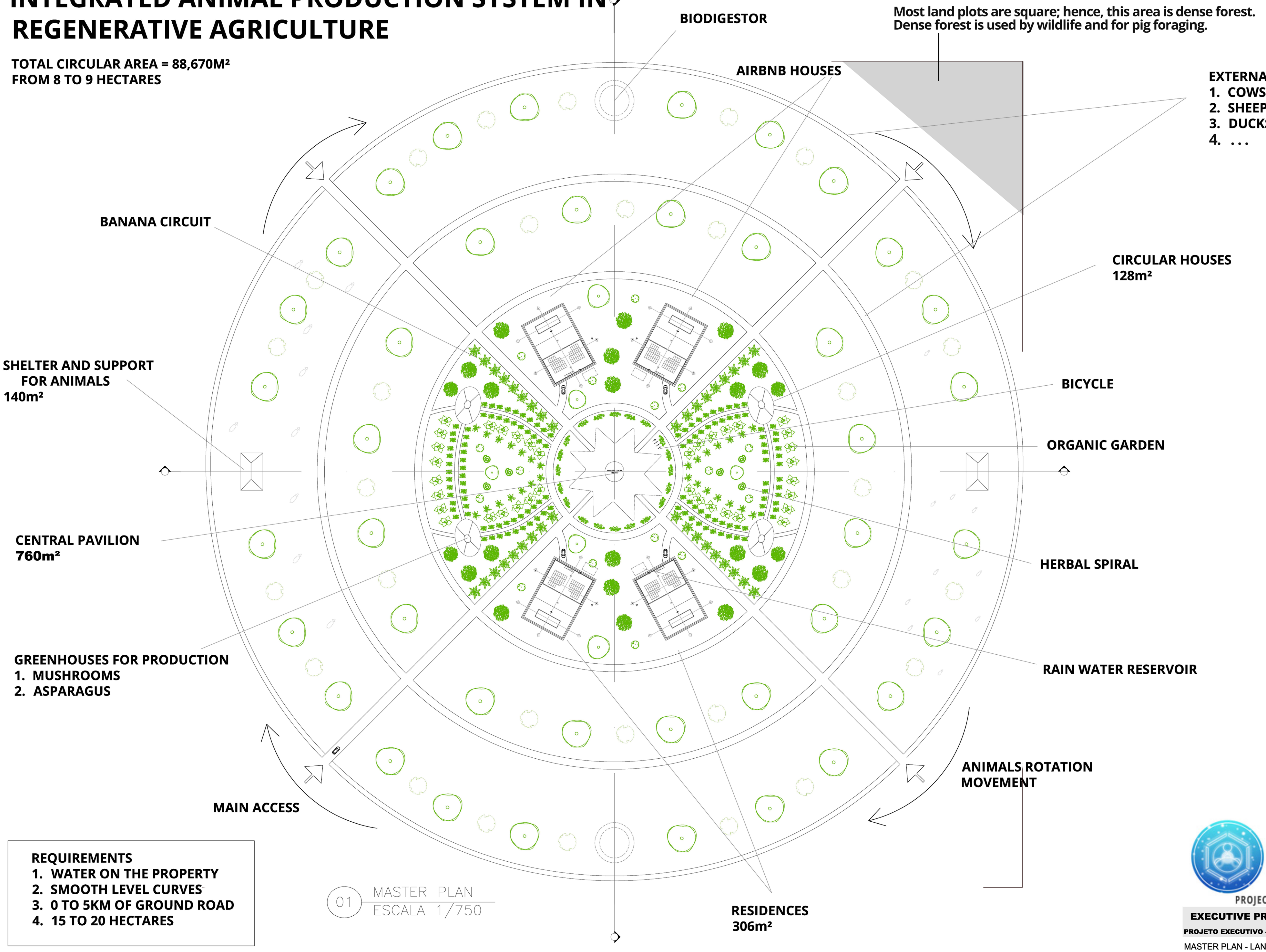
INTEGRATED ANIMAL PRODUCTION SYSTEM IN REGENERATIVE AGRICULTURE

THE AURAVANA PROJECT

PROJECT FOR A COMMUNITY-TYPE SOCIETY

INTEGRATED ANIMAL PRODUCTION SYSTEM IN REGENERATIVE AGRICULTURE

TOTAL CIRCULAR AREA = 88,670M²
FROM 8 TO 9 HECTARES



REQUIREMENTS
1. WATER ON THE PROPERTY
2. SMOOTH LEVEL CURVES
3. 0 TO 5KM OF GROUND ROAD
4. 15 TO 20 HECTARES

THE AURAVANA PROJECT
PROJECT FOR A COMMUNITY-TYPE SOCIETY

EXECUTIVE PROJECT - ARCHITECTURE BASE
PROJETO EXECUTIVO - BASE DE ARQUITETURA
MASTER PLAN - LAND ASSESSMENT
Revisão:00 DATA:15.10.21
ESC: 1/750