

ANIMAL TREATMENT AND ACCOMMODATION CENTER





UNIÃO METROPOLITANA DE EDUCAÇÃO E CULTURA

MONIQUE PENALVA SAMPAIO LOPES
ARCHITECTURE AND URBANISM

ANIMAL TREATMENT AND ACCOMMODATION CENTER

LAURO DE FREITAS-BA
2022.2

MONIQUE PENALVA SAMPAIO LOPES

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Work presented by Monique Penalva Sampaio Lopes for the subject of Introduction to the Final Graduation Project (TFG), under the guidance of Professor Igor Catunda Gondim, at UNIME - União Metropolitana de Educação e Cultura (Metropolitan Union of Education and Culture), submitted as a requirement for the grade of 2022.1.

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MONIQUE PENALVA SAMPAIO LOPES
ARCHITECTURE AND URBANISM

Final graduation work in Architecture and Urbanism at Faculdade -Unime -
União Metropolitana de Educação e Cultura as part of the requirements for
completion of the course.

APPROVED ON:: _____

Teacher Igor Catunda
Gondim advisor

Guest Architect.

Guest Teacher



"I am in favor of animal rights as well as human rights. This is the path to a complete human being."

DEDICATÓRIA

"I dedicate this work to my cat, Val, whom we rescued from a car accident. Without the necessary care, she would not have survived; she is living proof that with love and care, anything is possible. I dedicate this work also to all the animals that find themselves in a street situation, just as Val was, that they all may have this hope, quality of life, and the opportunity to receive the necessary care."



RESUMO

Este dossiê desenvolve sobre o tema saúde animal, levantando assuntos importantes como maus tratos aos animais, zoonoses, abandono e o resgate animal, mostrando a realidade dos animais em situação de rua e mostrando a necessidade e a importância de um centro de acolhimento e tratamento animal, trazendo informações relevantes sobre o assunto.

O trabalho também traz análise urbanística do terreno escolhido para a implantação do centro de acolhimento e tratamento animal, esse estudo mostra todas as particularidades do terreno escolhido e do seu entorno.










ABSTRACT

This dossier develops on the topic of animal health, raising important issues such as animal abuse, zoonoses, abandonment and animal rescue, showing the realities of homeless animals and showing the need and importance of an animal reception and treatment center. , providing relevant information on the subject.

The work also brings urban analysis of the land chosen for the implementation of the animal reception and treatment center, this study shows all the particularities of the chosen land and its surroundings.








Keywords: Animal health, mistreatment, animal abandonment.

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ANIMAL HEALTH



ANIMAL HEALTH

Animal health is related to animal diseases, public health, and animal welfare. To ensure animal health, qualified veterinary services are necessary to take early measures for the eradication of diseases. It is also linked to animal well-being and quality of life.



The [National Zoonosary Information System \(SIZ\)](#) is based on data about occurrences of animal diseases in the country, as well as other information related to animal health. Its main objective is to collect and disseminate zoonosary information to contribute to the formulation, analysis, and selection of strategies for surveillance, prevention, and eradication of diseases.

"The [Center for Zoonosis Control \(CCZ\)](#) is an agency responsible for monitoring the proliferation of diseases transmitted by animals. This was the initial purpose for the creation of the zoonosis centers; however, today they do much more than their initial purpose, such as environmental awareness events, animal adoption, vaccination and neutering campaigns."



ANIMAL HEALTH

Os serviços oferecidos pelo CCZ:

- Free rabies vaccination.
- Observation of aggressive animals.
- Collection of animals with critical illnesses, those that have been run over, or are aggressive.
- Collection of animals that are aggressive, making coexistence with humans impossible.
- Collection of animals with diseases transmissible to humans.
- Sheltering and veterinary medical assistance for kennel animals.
- Referral of rehabilitated animals for adoption.





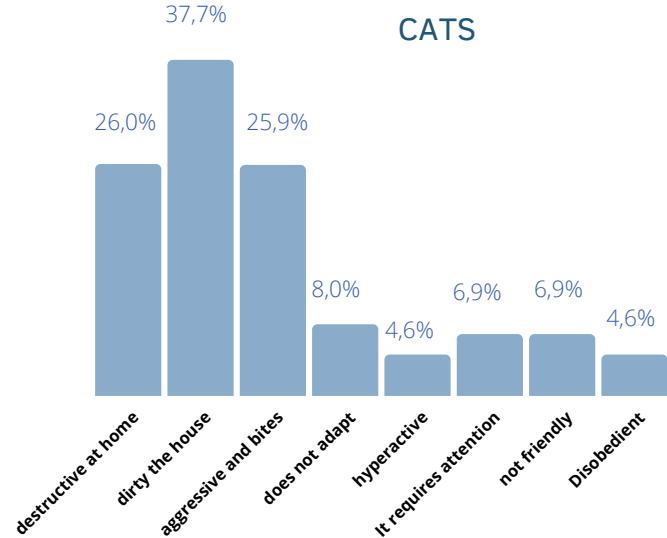
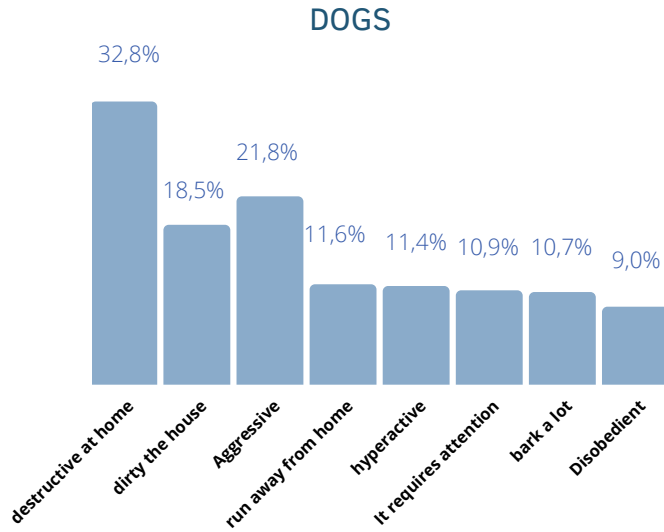
ANIMAL ABANDONMENT

Despite having a recent federal law on abandonment and mistreatment of animals, which increased the detention penalty for the crime, many people still do not take the lives of these animals seriously. Abandonment often occurs due to the owner's lack of knowledge about the indispensable care for the animal, such as feeding it, having the space and attention to its psychological and physiological needs, which requires some planning. When this is not done in advance and in an appropriate way by the caretaker, one of the alternatives is the 'disposal' of the animal, leaving it on the streets exposed to hunger, mistreatment, and contagious diseases.

Article 6: 1. Every animal that man has chosen as a companion has the right to a lifespan in accordance with its natural longevity.
2. The abandonment of an animal is a cruel and degrading act.

ANIMAL ABANDONMENT

In animal shelters in the United States, a study was conducted by the Journal of Applied Animal Welfare Science in 2007 with the intention of showing the **main reasons** that lead to the cruel act of animal abandonment, as cited by the population.



Fonte: ANDA 2014. modificado pelo autor

ABANDONMENT OF ANIMALS IN BRAZIL

According to surveys by IBGE, Brazil has the second-largest population of dogs and cats in the world, with 52.2 million dogs and 22.1 million domestic cats. However, the numbers of street animals are also extremely high. According to data from the WHO (World Health Organization), there are more than 30 million animals living on the streets, about 20 million dogs and 10 million cats. Since this data is from 2014, it is estimated that these numbers could be even higher.



10 Million

Street cats



20 Million

street dogs



74 Million

domestic cats and dogs

Source: IBGE. modified by author

MISTREATMENT TO ANIMALS



Mistreatment of animals is considered a crime in Brazil, and actions such as abandonment, poisoning, being constantly tied with very short ropes, being confined in unhygienic places, mutilation, being confined in spaces too small for the size of the animal or in places without proper lighting and ventilation, physical aggression, exposure to excessive effort, and working with debilitated animals, all these acts are considered mistreatment.

Article 17: Committing an act of abuse, mistreatment, injury, or mutilation of wild, domestic, or tamed animals is subject to a fine.

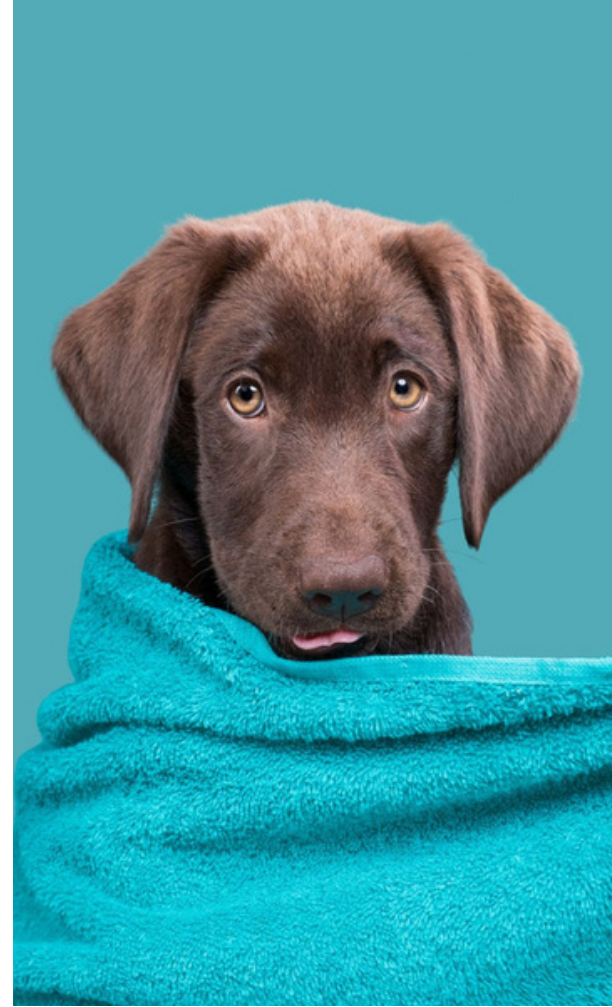
Article 11: Any act that results in the death of an animal without necessity is a biocide, that is, a crime against life.

Source: Crimes Against Animals (Decree No. 3,179, of September 21, 1999)

ANIMAL RESCUE

There are thousands of animals at risk, abandoned, exposed to all kinds of diseases, and susceptible to any acts of human cruelty. When it comes to animal rescue, it involves numerous cases, rescuing street animals and even removing the animal from an owner who is not providing the care that the animal should be receiving according to animal rights.

In Brazil, there are appropriate laws and competent authorities responsible for monitoring laws and punishing crimes.



ANIMAL RESCUE

Mistreatment of animals is a crime and must be reported. Complaints can be made to a competent public agency in your municipality, to the sector responsible for sanitary surveillance, zoonoses, and even the police. It's worth noting that each municipality has different legislation, so you may use State Law or refer to Federal Law.

The report of mistreatment is legitimized by Article 32 of Federal Law No. 9,605 (Law of Environmental Crimes) and by the Brazilian Federal Constitution, dated October 5, 1988.



<http://www.mpf.mp.br/servicos/sac>



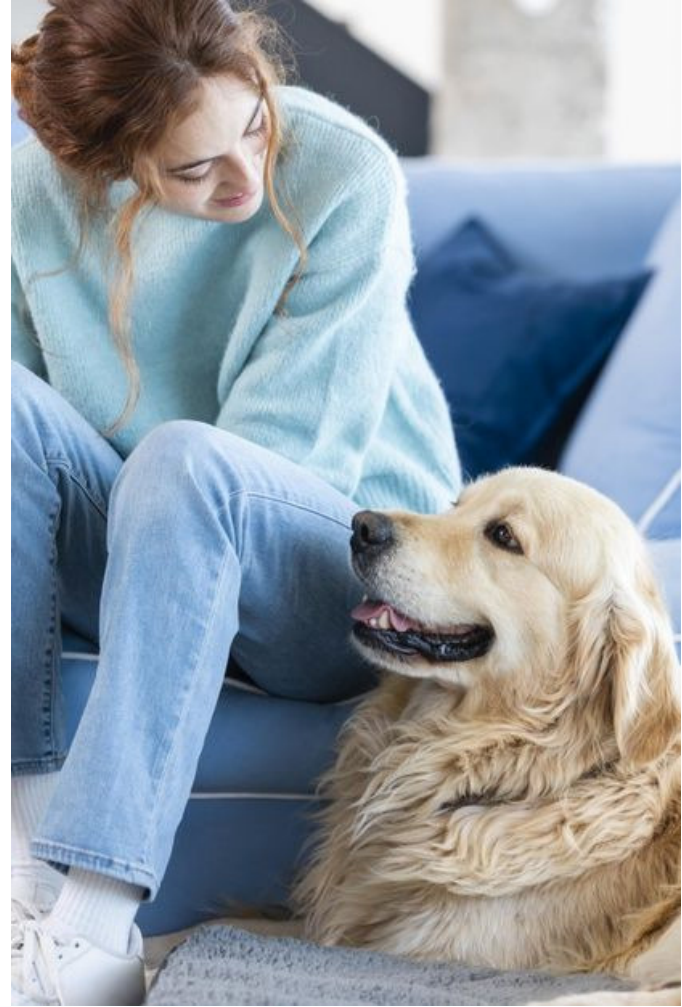
BA- 3235-000 (capital) / 181 IBAMA: 0800 61 8080



ANIMAL ADOPTION






Adopting an animal is valuing life. A dog or cat is capable of feeling emotions such as pain, joy, hunger, cold, and therefore can suffer as much as humans. Adopting is about recovering a life and reintegrating the animal into society. With the act of adoption, you teach your child, and the children with whom you live, the values of responsibility, commitment, compassion, and humanity.

By adopting, you help reduce the number of abandoned dogs and cats. Typically, street animals or those in shelters have already endured much suffering and need a home where they can find love and care.



ANIMAL ADOPTION

Five benefits that a pet can bring:

-  Decreases family depression and anxiety.
-  Improvement in quality of life.
-  It helps in the development of people with special needs.
-  Helps in the development and socialization of children.
-  Collaborates for the development of a sense of responsibility at all ages.



THE IMPORTANCE OF ADOPTION

For many animals, adoption represents a new chance to live in a family and social context. Through adoption, they find in their new family the affection and attention they need to grow and develop in a healthy and happy way. Adopting a new family member is an act of love for everyone involved.

Many parents begin to build a relationship with their children through animal adoption. With the arrival of a new family member, they are able to re-establish family communication, also aiding in the development of children and teenagers.



JUSTIFICATION AND PROBLEMS



JUSTIFICATION

Through the studies conducted, we understand the relevance of zoonosis centers, shelters, animal reception centers, and their importance for the well-being and health of animals abandoned on the streets. In Dias d'Ávila, today, the need for an animal treatment and reception center is clear given the current alarming scenario. The city's government and zoonosis department do not have an exact number of animals in street situations, but the amount is frightening.

There are animals in street situations all over the city; these animals are exposed to cold, heat, rain, hunger, abuse, and mainly diseases (zoonoses). Therefore, there is a great need for the implementation of an animal treatment and reception center in the area, to bring hope and quality of life to these animals.

“In my deepest dreams, no animal will live in the loneliness of abandonment in the streets, or even in the abandonment of a loveless home, chained, going hungry and cold.”

Amara Antara

JUSTIFICATION



Authorial image taken approximately 300m from the chosen terrain



Authorial image taken approximately 800m from the chosen terrain

JUSTIFICATION












Authorial image taken approximately 800m from the chosen terrain



Authorial image taken approximately 300m from the chosen terrain

PROBLEMS

-  How to bring sustainable solutions to the project?
-  How to design a welcoming environment for animals rescued from abuse?
-  How to attract people to the animal reception and treatment center adoption fairs?
-  How to solve the thermal comfort of the building in the design phase?
-  How can the animal reception and treatment center help with the control of zoonoses?
-  How can the object help raise awareness about abuse and abandonment of animals?
-  How to design a space for proper adoption and vaccination events?
-  How to bring acoustic resolutions to the center?
-  How to make the project accessible to everyone?



OBJECT



OBJECT

The Animal Treatment and Shelter Center is an environment that is responsible for basic treatment of ailments, the process of rehabilitation and reintegration of the animal into society, seeks animal well-being, and better quality of life, offering shelter to these animals with appropriate veterinary treatment

Article 2: 1. Every animal has the right to be respected.

3. Every animal has the right to human attention, care and protection.

OBJECT

The center also aims to create awareness campaigns about abandonment, preventing more animals from being left on the streets, conduct vaccination and adoption campaigns, raise awareness about animal health, and shelter animals that are victims of mistreatment.

"I am in favor of animal rights as well as human rights. That is the way of a whole human being"
Abraham Lincoln.



TIMELINE

EVOLUTION OF ANIMAL RIGHTS

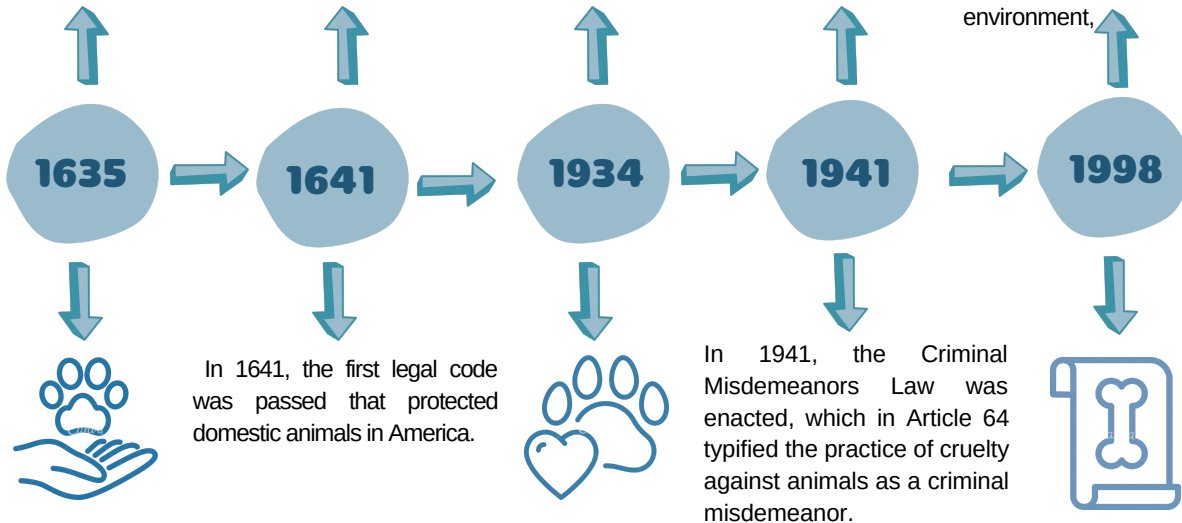
The first legislation against animal cruelty was only passed in Ireland in 1635.



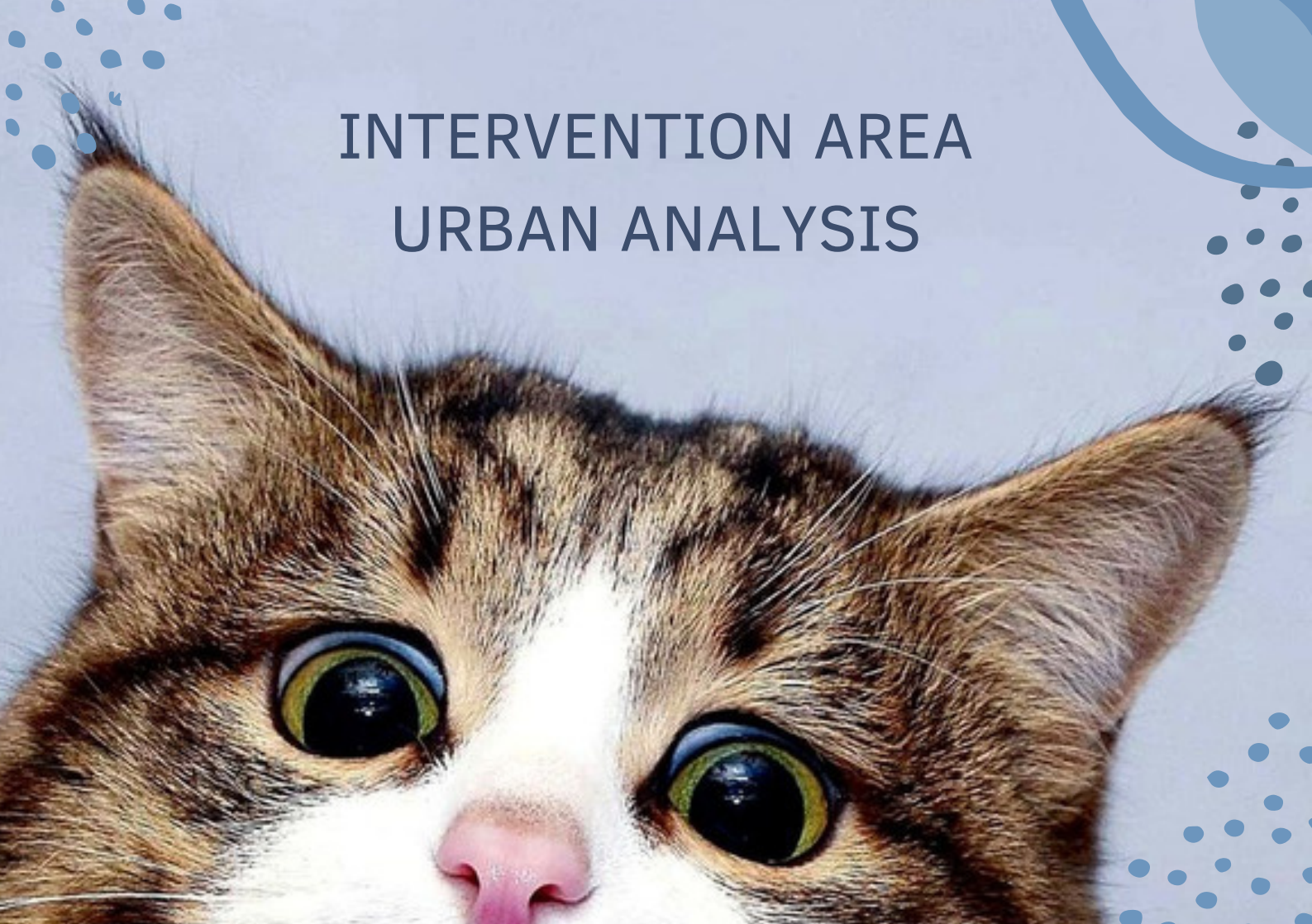
It was in 1934 that Decree n. 24,645, which establishes measures to protect animals.



1998, Federal Law n. 9,605, Environmental Crimes Law, establishing criminal and administrative sanctions against violations of the environment.

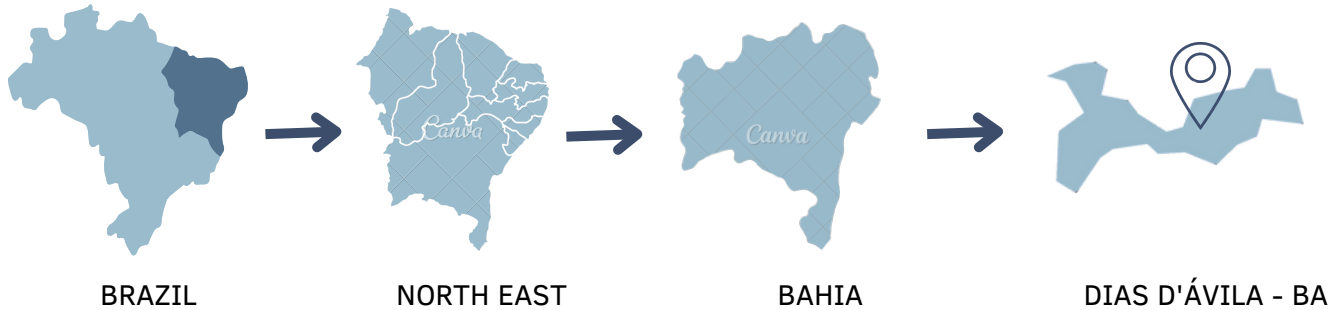


INTERVENTION AREA URBAN ANALYSIS





INTERVENTION AREA


LOCATION



The chosen land for the implementation of the animal treatment and shelter center is located in the northeastern part of Brazil in the state of Bahia. The specific plot is located in Dias d'Ávila, a metropolitan city of Salvador.

 Av. Lauro de Freitas, 1220 - Genaro,
Dias d'Ávila - BA, 42850-000

 12°36'48.6"S 38°17'48.2"W

 -12.613497, -38.296710

INTERVENTION AREA

THE TERRAIN

The land being studied for the implementation of the animal shelter center is located in Dias d'Ávila-BA and faces Av. Lauro de Freitas as its main facade. It has a perimeter of 322.3m with an area of 6,383 square meters.



Av. García Dávila



Av. Áurea Seixas



Av. Lauro de Freitas



R. Nossa Sra. de Santana

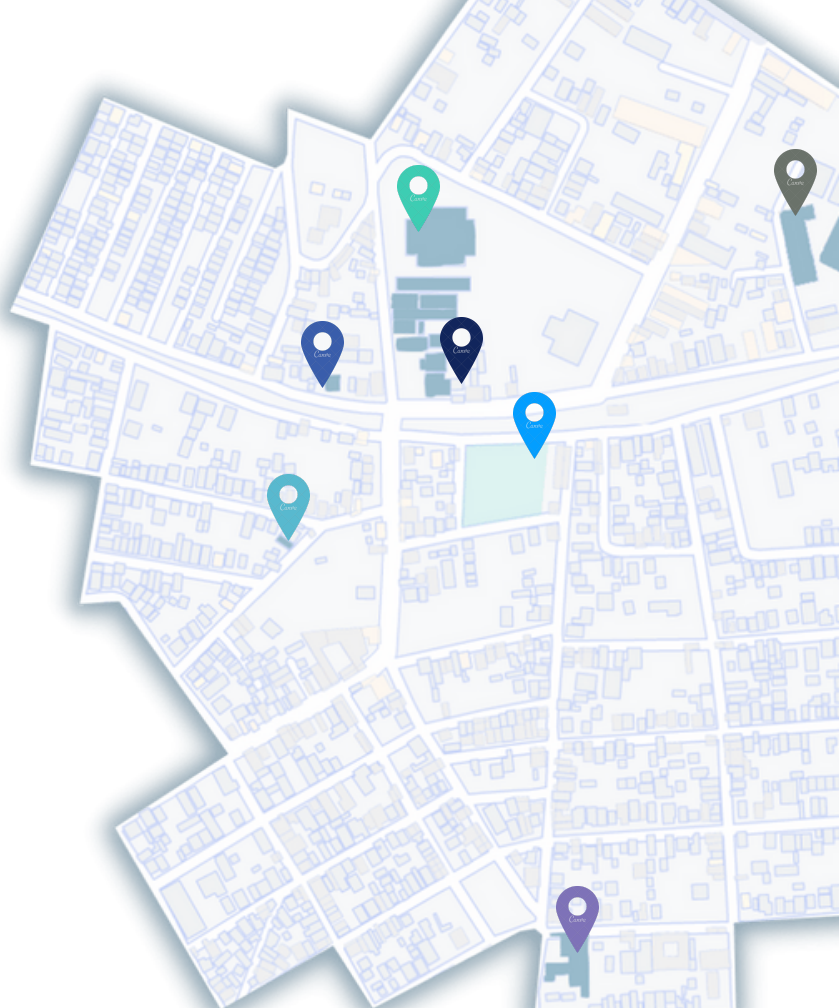


Terrain

INTERVENTION AREA EQUIPMENT

To carry out the urban analyses in the intervention area, a polygon was created with a distance of 500m starting from the center of the study site. The chosen land is located on Lauro de Freitas Street, in front of the Promater hospital, which is opposite the railway line. In the area encompassed by the polygon, there is no animal shelter center, but there is a veterinary clinic, Míiau, and the pet shop Bella Pet.

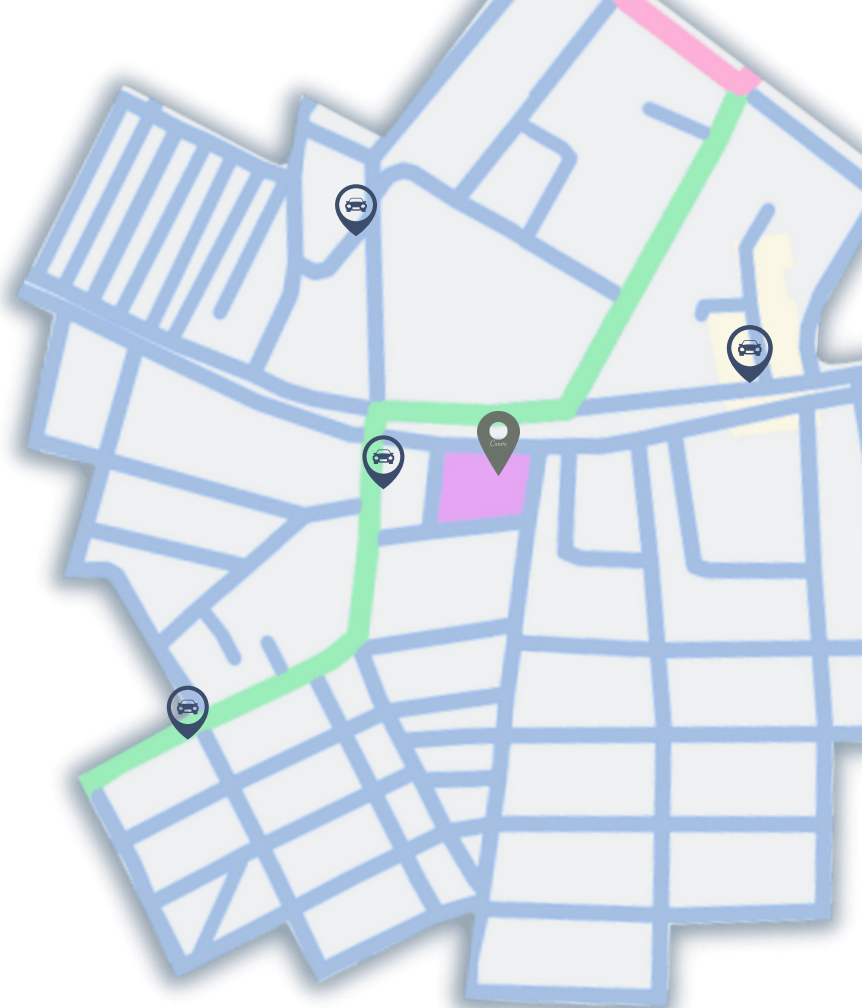
-  Mercado Municipal
-  Serventec
-  Terrain
-  Clínica Veterinária Míiau
-  Hospital Promater
- 
-  Bella Pet Pet Shop
-  Ginásio poliesportivo José da Cruz



INTERVENTION AREA

ROAD SYSTEM

The road system map is important for understanding the hierarchy of roads, a fundamental component for urban mobility. The study polygon shows a predominance of local roads, as a large part of its territory is residential, so there is an arterial road that is quite busy during peak hours. There are four bus stops close to the land under analysis, and also the old bus station of the municipality.



Ponto de Onibus



Terrain

Vias Locais

Rodovias

Vias Arteriais



INTERVENTION AREA

FULL AND EMPTY

The map of filled and empty spaces allows for the analysis of the urban morphology of the study polygon, showing that the urban form does not follow a standard pattern of lots or blocks, clearly indicating a lack of urban planning. The study polygon does not present areas with large urban densities; most of its buildings do not occupy the entire perimeter of the lot.



full



empty



Terrain

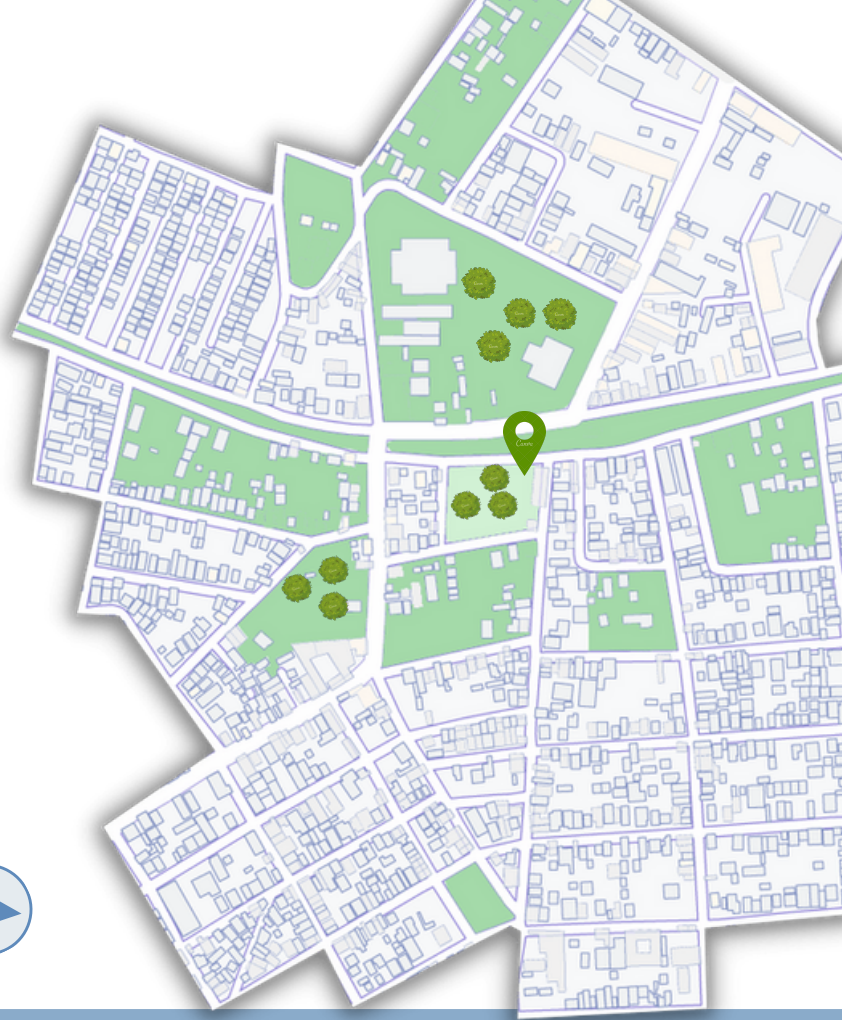


INTERVENTION AREA

GREEN AREAS

Green areas in urban environments are seen as an indicator of environmental quality, significantly affecting the quality of life of the population. On the map, we can identify that around the chosen plot, there are green areas throughout the entire study polygon, thus bringing well-being to the population that resides there.

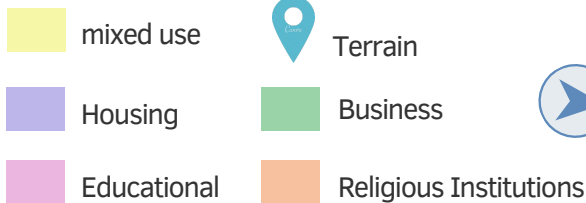
 Green areas



INTERVENTION AREA

USE OF THE SOIL

Analyzing the land use of the defined polygon, it is possible to observe that it is diverse, but there is a predominantly residential use, which mostly consists of houses, but also includes small housing complexes. In the immediate surroundings, we find the presence of services and commerce, in addition to the residences.




INTERVENTION AREA

HEIGHT GAUGE

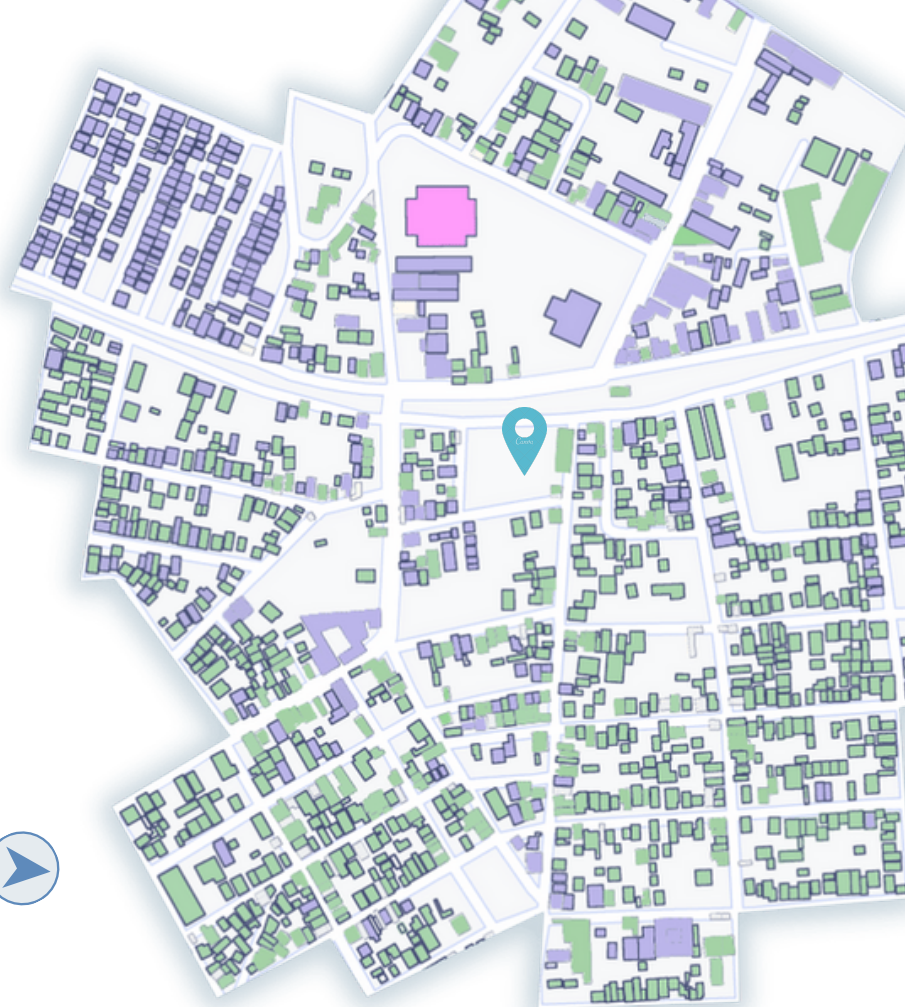
The building height within the chosen polygon does not exceed two floors, except for a few developments. The building height is represented on the map by the number of floors, considering 3 meters of height for each floor, bearing in mind that there may be variations.

 1-2 floors

 3-4 floors

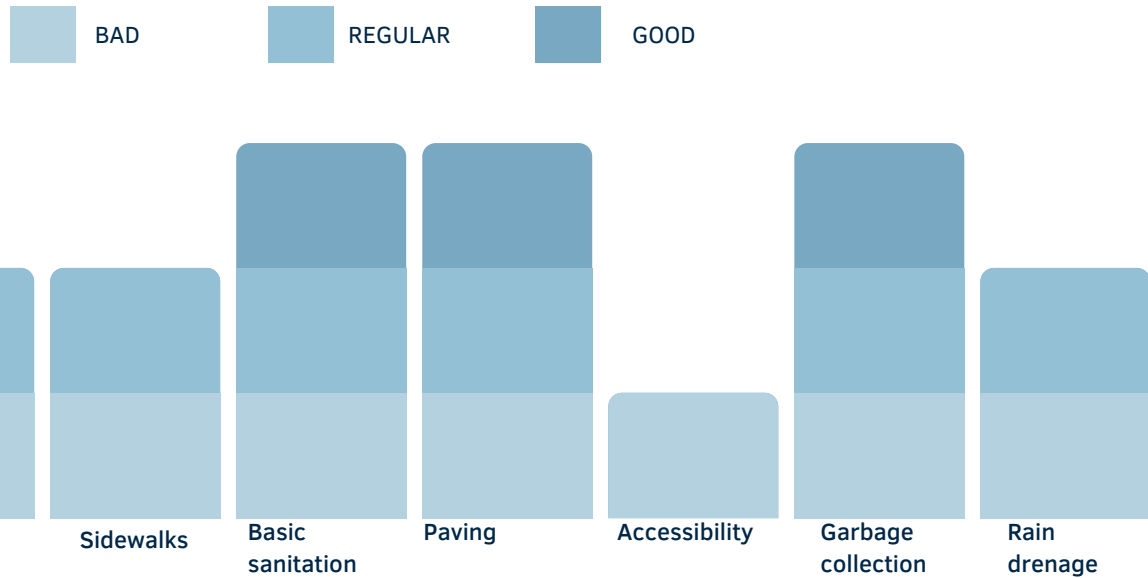
 Terrain

 Ground floor



INTERVENTION AREA INFRASTRUCTURE

Urban infrastructure refers to the basic services that a city offers to its residents. Analyzing the intervention area, the lack of accessibility in the streets is noticeable. The sidewalks are regular but lack proper ramps, and there is an absence of pedestrian crosswalks. However, public lighting is regular.



INTERVENTION AREA

THE PLACE

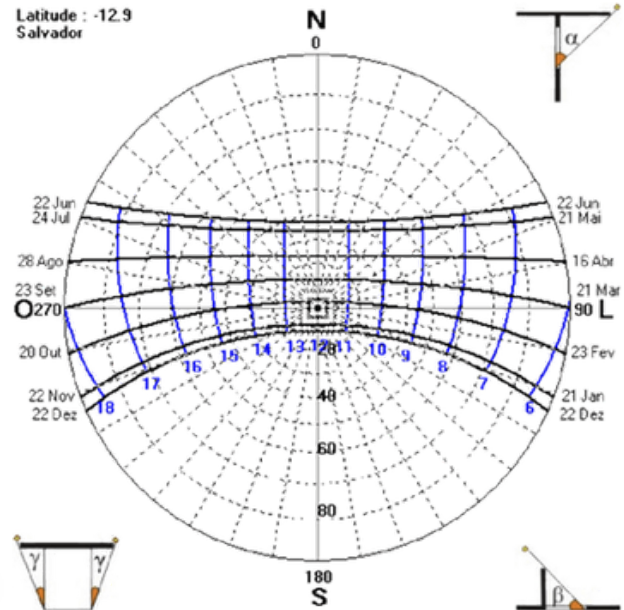
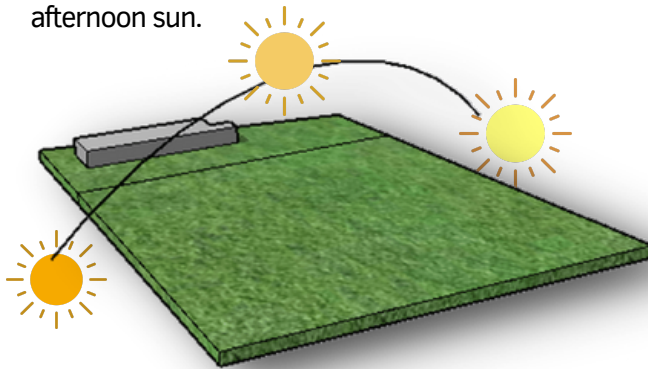


INTERVENTION AREA

SOATING STUDY

The study of sunlight exposure is extremely important as it allows for the design of environments with proper thermal comfort and natural lighting, making the space pleasant to inhabit.

The main facade of the plot faces west, receiving higher solar incidence during the afternoon. This brings about the need to design the primary facade with solutions for thermal comfort to ensure that the interior spaces remain comfortable despite the exposure to the strong afternoon sun.

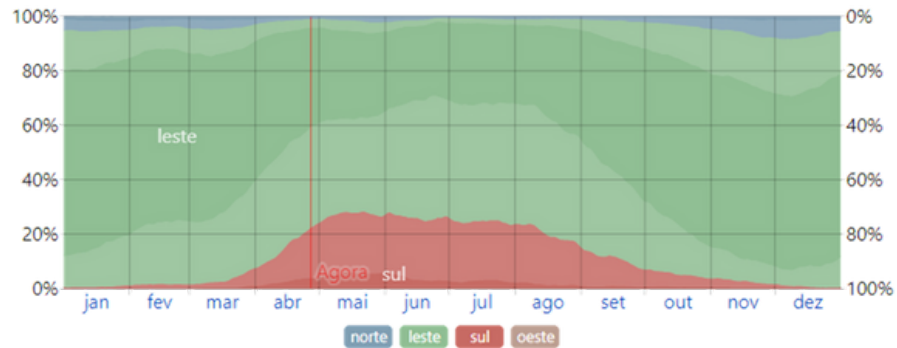
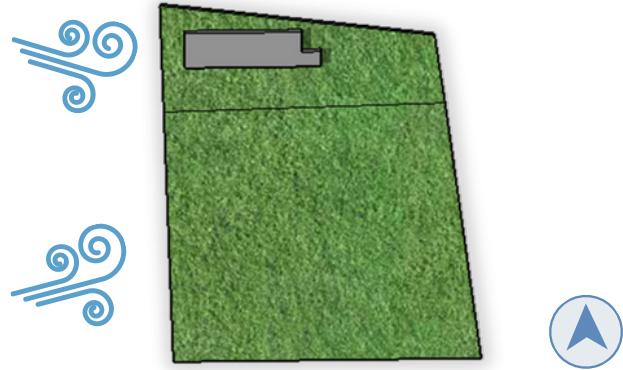


INTERVENTION AREA

WINDS

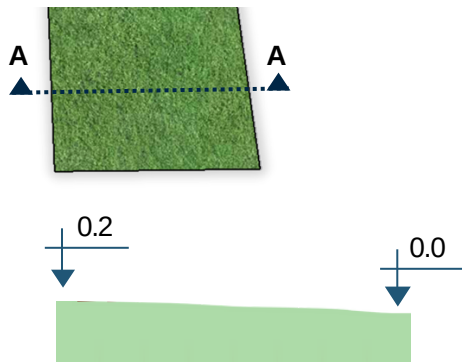
The study of wind patterns, like the study of sunlight exposure, is extremely important for designing with thermal comfort in mind. Proper utilization of ventilation can create pleasant environments with natural airflow, thereby reducing energy expenses.

The predominant wind direction at the site comes from the east and moves towards the west. Despite the high temperatures in Dias d'Ávila, there is rainfall throughout the year, with the most significant period of rain being from April to June. Understanding these climatic factors can greatly influence the design, allowing for spaces that are not only comfortable but also sustainable and in harmony with the local environment.

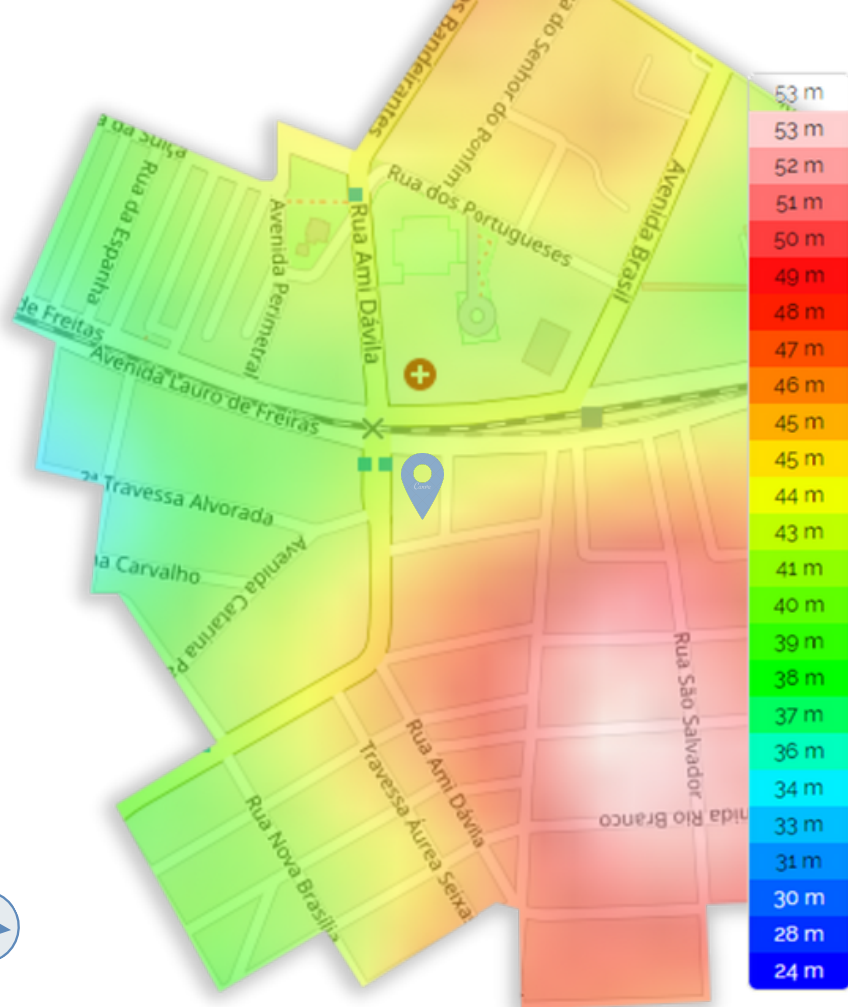


INTERVENTION AREA TOPOGRAPHY

In the analysis of the site's topography, a chromatic scale was used for topographical representation. A schematic cut was applied to provide a better understanding of the terrain's topography through the cut labeled "AA," showing that the chosen site has a subtle elevation change.



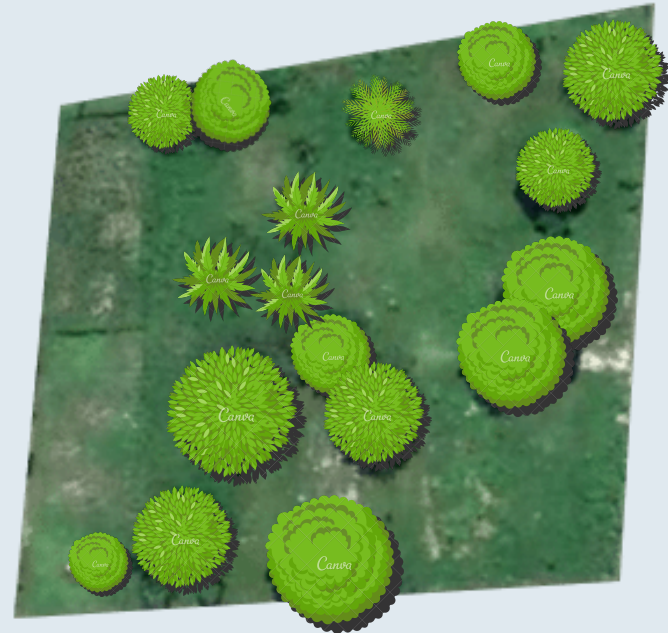
CORTE AA



INTERVENTION AREA GREEN AREAS

The study of green areas is highly important for the design phase, as the vegetation found on the site directly affects the overall design concept and the implementation of the entire project.

In the chosen location for the animal treatment and shelter center, we can observe the existence of large vegetation, such as coconut trees (*Cocos nucifera*) and mango trees (*Mangifera indica*), for example, as well as some ground cover plants.



THE TERRAIN



INTERVENTION AREA

URBAN ZONING

The chosen site is located in the Predominantly Residential Zone 9 (ZPR-9): a linear zone, residentially consolidated, structured by Avenida Lauro de Freitas and longitudinally intersected by the railway line.



Source: PDDU 2020

TABLE OF RELATIONSHIPS BETWEEN ZONES AND URBANISTIC INDEX ZPR-9

PARAMETERS	CAB	CAM	IO	IP	h máx (m)	
DESCRIPTION	coefficient of Basic Use	coefficient of Maximum Use	ÍMaximum Occupancy Index	Maximum Permeability Index	Maximum height of the building body	
	1,0	--	0,50	0,35	6,0	
SETBACKS	RLA	RFR	RFU			
DESCRIPTION	Minimum lateral setbacks of the building on the lot	Minimum front setback of the building on the lot	Minimum setback of the building at the bottom of the lot			
	1,0	--	3,0			
INSTALLMENT	Lmín (m ²)	Lmáx (m ²)	FR mín (m)	ATM	ATM	ATM
DESCRIPTION	Minimum lot	Maximum lot	minimal front	Minimum Percentage of Green Areas, Squares and Gardens	Minimum Percentage of Institutional Areas	Minimum Percentage of Circulation and Parking Systems
	240,0	1.200,0	6,0	15,0	8,0	

Source: PDDU 2020

Specific legislation

NBR- 9050

Accessibility to buildings, furniture, spaces and urban equipment

NBR- 16.401-2

Thermal comfort, sets internal operating temperatures

NBR- 10152

regulates noise levels that interfere with acoustic comfort

NBR- 5410

establishes the conditions for low voltage electrical installations



REFERENCE PROJECTS



Palm Springs Animal Care Facility





Palm Springs Animal Care Facility

This state-of-the-art pet facility integrates traditional mid-century desert design motifs with modern and cutting-edge habitats and support systems for animal care. The project's layout is a reflection of the desired operational flow of people and animals into and out of the facility, organized around a central Canine Adoption Garden shaded by fabric overhangs and cooled by misters.

architects: Swatt | Arquitectos de Miers





SUPPORT AREAS

- PUBLIC ADOPTION / RETRIEVAL
- SURRENDER AREA
- CLINIC/MEDICAL AREA
- CLASSROOM
- ADMINISTRATION/LOUNGE RESTROOMS/LOCKERS
- ANIMAL & BLDG. SUPPORT AREAS

DOGS

- DOG ISO
- DOG HOLDING
- DOG ADOPTION

CATS & SMALL ANIMALS

- CAT ISO
- CAT & SMALL ANIMALS HOLDING
- CAT & SMALL ANIMALS ADOPTION

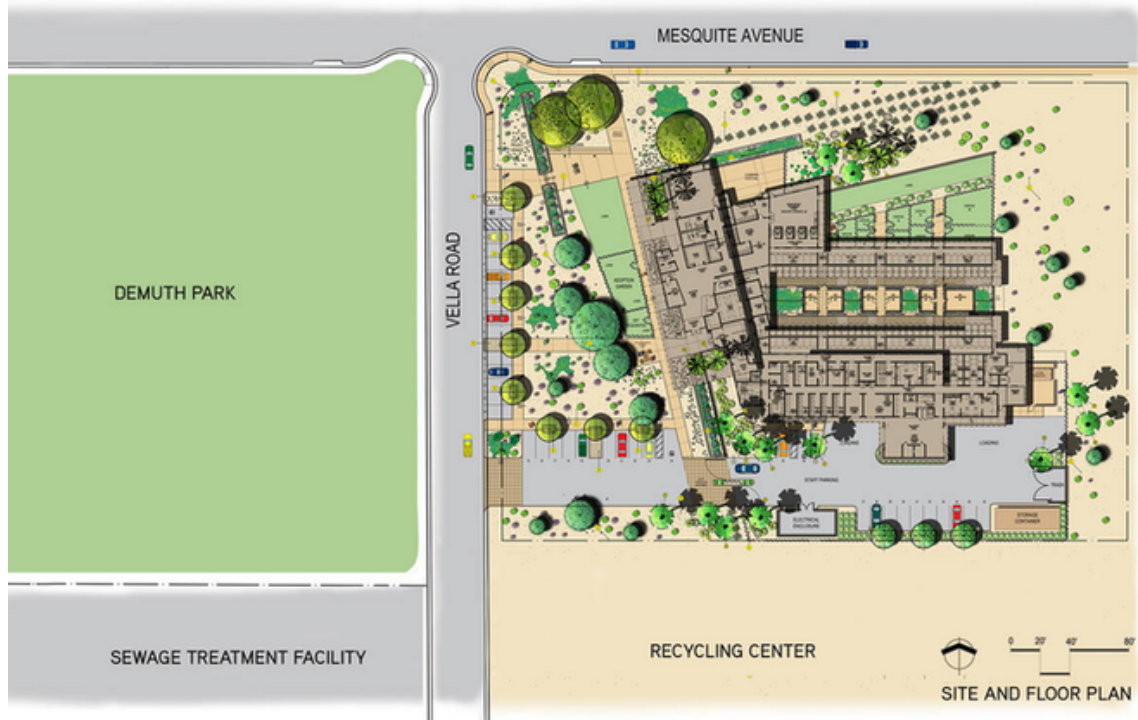
ANIMAL / HUMAN OPERATIONAL FLOW

- ADO INTAKE
- PUBLIC INTAKE
- PUBLIC ADOPTION / REDEMPTION
- AFTER HOURS CLASSROOM ACCESS





O R G A N I Z A T I O N A N D N A T U R A L I Z A T I O N







Wallan Veterinary Hospital

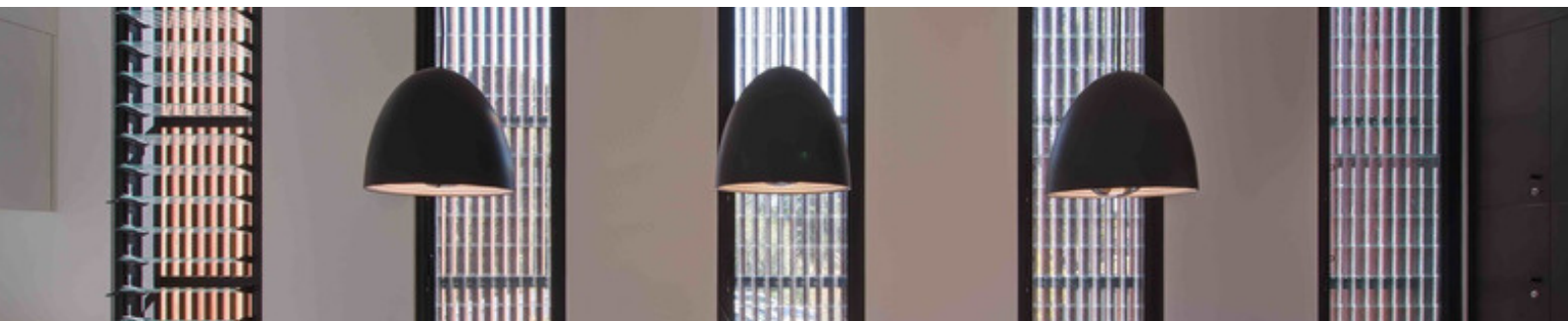


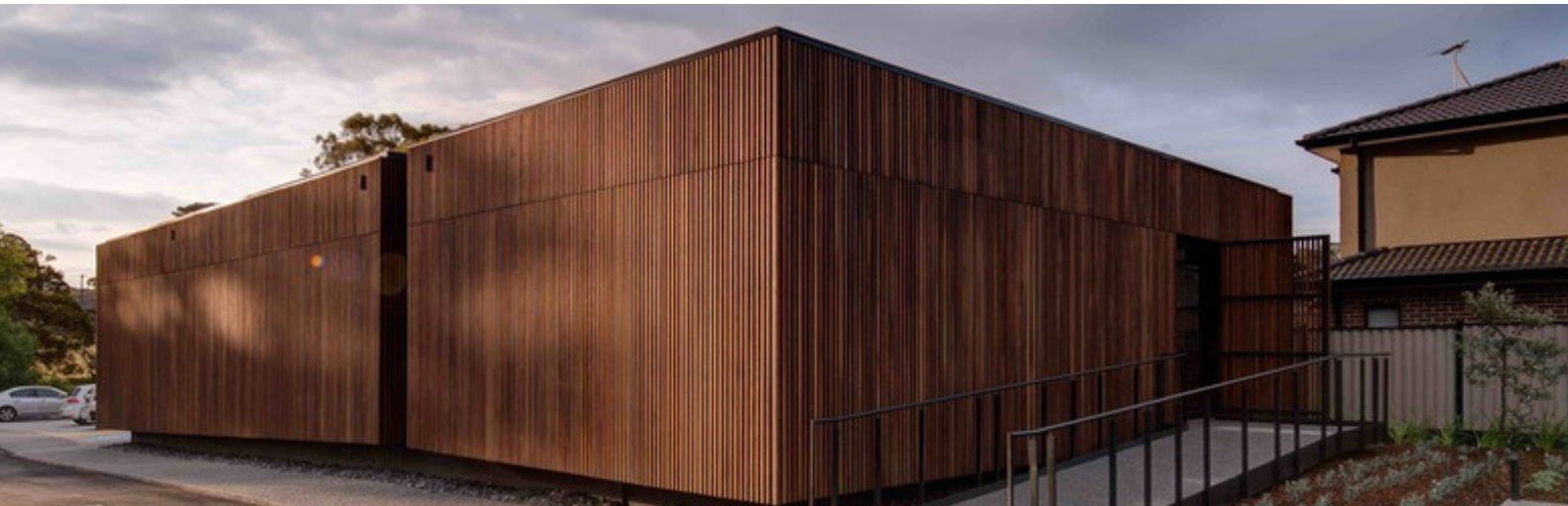


Wallan Veterinary Hospital

Three box-shaped volumes rationalize the layout and reflect the building's multiple uses. The public zone is located at the front with animal wards to the side. The staff-only and operational areas are the heart of the building and occupy the most amount of space. Each volume breathes with ample cross-ventilation allowed by louvered windows and intersecting corridors that gracefully punctuate the double facade.

-  Architects: Crosshatch
-  Area : 280 m²
-  Year : 2016
-  Address: Wallan VIC 3756, Austrália





FLOOR PLAN




- 1 ENTRY
- 2 WAITING AREA 1
- 3 RECEPTION
- 4 WAITING AREA 2
- 5 CONSULTING ROOM 1
- 6 CONSULTING ROOM 2
- 7 PHARMACY
- 8 CONSULTING ROOM 3
- 9 CORRIDOR
- 10 ISOLATION ROOM
- 11 CAT WARD
- 12 PREPARATION ROOM
- 13 LABORATORY
- 14 THEATRE
- 15 MORGUE
- 16 SERVER CUPBOARD
- 17 STERILE SUPPLY
- 18 DIAGNOSTIC ROOM
- 19 LAUNDRY
- 20 DOG WARD
- 21 ACCESSIBLE BATHROOM
- 22 BATHROOM
- 23 BEDROOM
- 24 STAFF ROOM
- 25 ACCESS TO EXERCISE YARD
- 26 EXERCISE YARD
- 27 SERVICE ZONE
- 28 PEDESTRIAN WALKWAY
- 29 DRIVEWAY


Wind Clinic / Sute Architect




Wind Clinic / Sute Architect

The Wind Clinic is a beauty clinic project located in the center of Ubon Ratchathani province, Thailand. It is designed and constructed from a steel structure. This is the main structure of the project, and the essential material of the facade is glass block. The integration of the exterior area with the interior space of the development is achieved through indoor gardens and a broad view of the external garden.

 architects: Sute Architect

 Area : 1200 m²

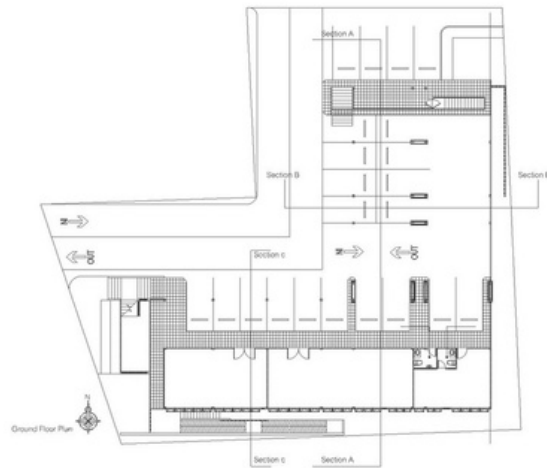
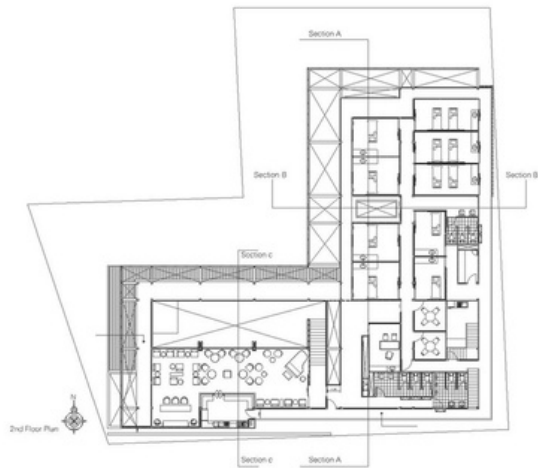
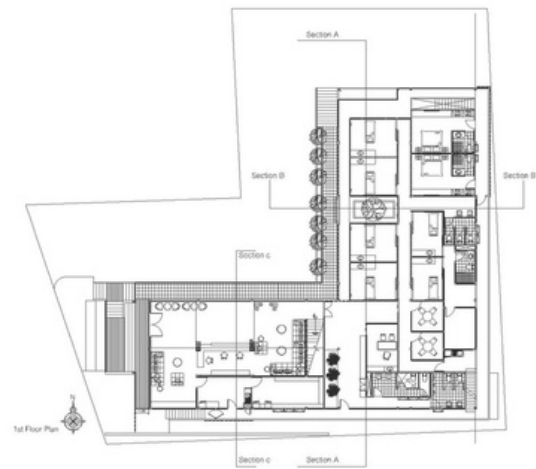
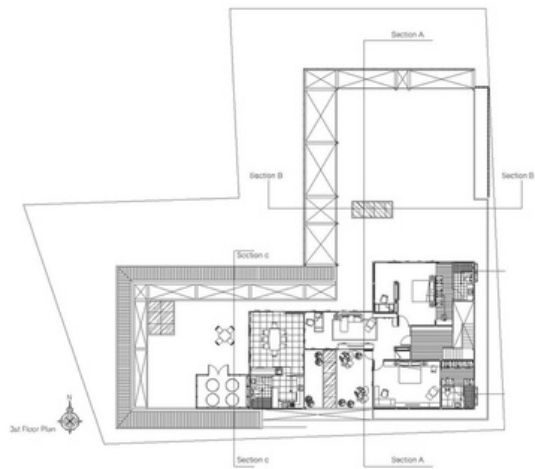
 Year : 2021

 Address: Província de Ubon Ratchathani, Tailândia









OBJECTIVES



OBJECTIVES

GENERAL OBJECTIVES

The animal treatment and shelter center aims to house animals that are living on the streets or have suffered abuse, offering them hope and quality of life, as well as the opportunity to become part of a new family through responsible adoption. The objective of this work is also to design the facility in a way that meets the needs of its users and harmonizes with its architectural form.

SPECIFIC OBJECTIVE



Design an animal treatment and shelter center that is tailored to the needs of each user.



Design a building with appropriate thermal and acoustic comfort solutions.



Integrate the building with the outdoors through thoughtful landscaping solutions.

DESIGN PROCESS



NEEDS PROGRAM

KANNEL /CATTERY

- Individual kennels
- Individual catteries
- Deposit
- Collective kennel
- Collective cattery
- Kennel and cattery support

MEDICAL

- Clinic
- Exam rooms
- Pharmacy
- Morgue
- Reception.
- Surgery room
- Sanitary
- Purge
- Emergency
- Vaccination
- hospitalization
- Sterilization

ADMINISTRATIVE

- Meeting room
- Secretary
- female toilet
- Treasury
- Male toilet

SERVICES

- women's locker room
- Cup
- Men's locker room
- Functionary area

EXTERNAL AREA

- Parking
- Garbage center
- Event patio
- Substation
- Dogdromo

PET SHOP

- Reception.
- Store
- Waiting room
- Bath
- Sanitary
- Deposit
- clipping
- Medicine deposit
- Office

SUPPORT SHELTER

- Reception.
- Bath and groom
- Medicines
- Adoption room
- Food preparation
- Quarantine
- Donation room
- Deposit
- Maternity

NEEDS PROGRAM IN PORTUGUESE

CANIL E GATIL	<ul style="list-style-type: none">- Canis individuais- Canil coletivo	<ul style="list-style-type: none">- Gatis individuais- Gatil coletivo	<ul style="list-style-type: none">- Depósito- Apoio canil e gatil
ÁREA MÉDICA	<ul style="list-style-type: none">- Consultório- Recepção- Emergência	<ul style="list-style-type: none">- Salas de exames- Sala de cirurgia- Vacinação	<ul style="list-style-type: none">- Farmácia- Internação- Sanitários- Necrotério- Expurgo- Esterilização
ADMINISTRATIVO	<ul style="list-style-type: none">- Sala de Reunião- Sanitário fem.- Sanitário mas.	<ul style="list-style-type: none">- Secretaria- Tesouraria	
SERVIÇOS	<ul style="list-style-type: none">- Vest. fem.- Vest. mas.	<ul style="list-style-type: none">- Copa- Área de funcionário	
ÁREA EXTERNA	<ul style="list-style-type: none">- Estacionamento- Pátio de eventos- Cachorrodromo	<ul style="list-style-type: none">- Central de lixo- Subestação	
PET SHOP	<ul style="list-style-type: none">- Recepção- Banho- Tosa	<ul style="list-style-type: none">- Loja- Sanitários- Depósito medicamentos	<ul style="list-style-type: none">- Sala de espera- Depósito- Escritório
APOIO ABRIGO	<ul style="list-style-type: none">- Recepção- Sala de adoção- Sala de doação	<ul style="list-style-type: none">- Banho e tosa- Preparação alimentos- Depósito	<ul style="list-style-type: none">- Medicamentos- Quarentena- Maternidade

SIZING

KANNEL /CATTERY

Environment	Quant.	Area
Collective kennel	01	326.45m ²
Individ. kennels	19	2.88m ²
Kennel support	01	5.06m ²
Collect. cattery	01	194.6m ²
Individ. cattery	19	2.88m ²
cattery support	01	5.06m ²
kennel garden	19	2.28m ²
cattery garden	19	2.28m ²

TOTAL: 727.25m²

MEDICAL

Environment	Quant.	Area
Clinic	02	19.14m ²
Reception	01	56,26m ²
Emergency	01	31.06m ²
Exam rooms	02	13.03m ²
Surgery room	02	15.24m ²
sterilization	02	15.00m ²
Pharmacy	01	6.22m ²
hospitalization	01	9.35m ²
hospital waste	02	13.33m ²

TOTAL: 178.63m²

SUPPORT SHELTER

Environment	Quant.	Area
Reception	01	107.39m ²
Adoption room	01	11.37m ²
Donation room	01	11.37m ²
bath / groom	01	22.74m ²
food preparat.	01	13.10m ²
Deposit	01	23.52m ²
medicine room	01	9.70m ²
Maternity	02	23.04m ²
Quarantine	01	23.72m ²

TOTAL: 245,95m²

SIZING

SERVICES/ADM

Environment	Quant.	Area
locker rooms	02	33.73m ²
toilet	01	12.07m ²
Functionary	01	46.56m ²
Meeting room	01	23.52m ²
Treasury	01	11.52m ²
Secretary	01	11.51m ²

TOTAL: 138.91m²

EXTERNAL AREA

Environment	Quant.	Area
Parking	20	515,20m ²
wooden deck	01	54.85m ²
Dogdromo	01	110.21m ²
garbage/subst	02	13.64m ²
Interlocked floor	01	1227.79m ²
Green area	--	1458.54m ²

TOTAL: 3.380,23m²

PET SHOP

Environment	Quant.	Area
Store	01	91.36m ²
bath / groom	01	12.98m ²
Deposit	02	19.81m ²
waiting room	01	12.71m ²
Sanitary	01	15.95m ²
Office	01	9.86m ²

TOTAL: 162.67m²

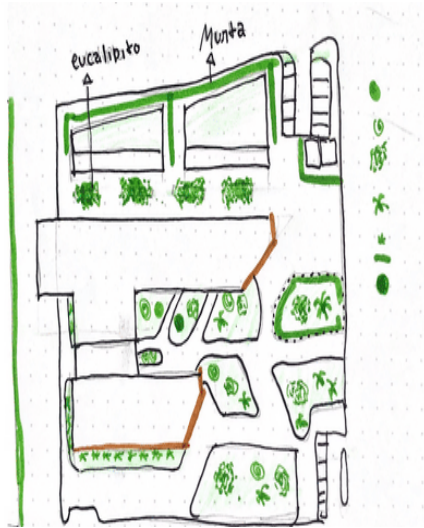
TOTAL: 4.833,64 m²

DESIGN PROCESS

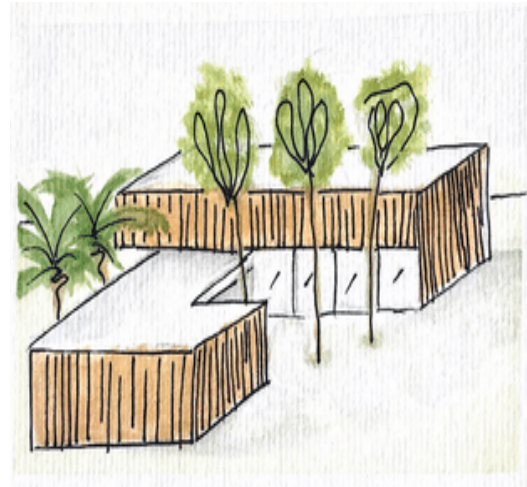


Volumetric study

DESIGN PROCESS

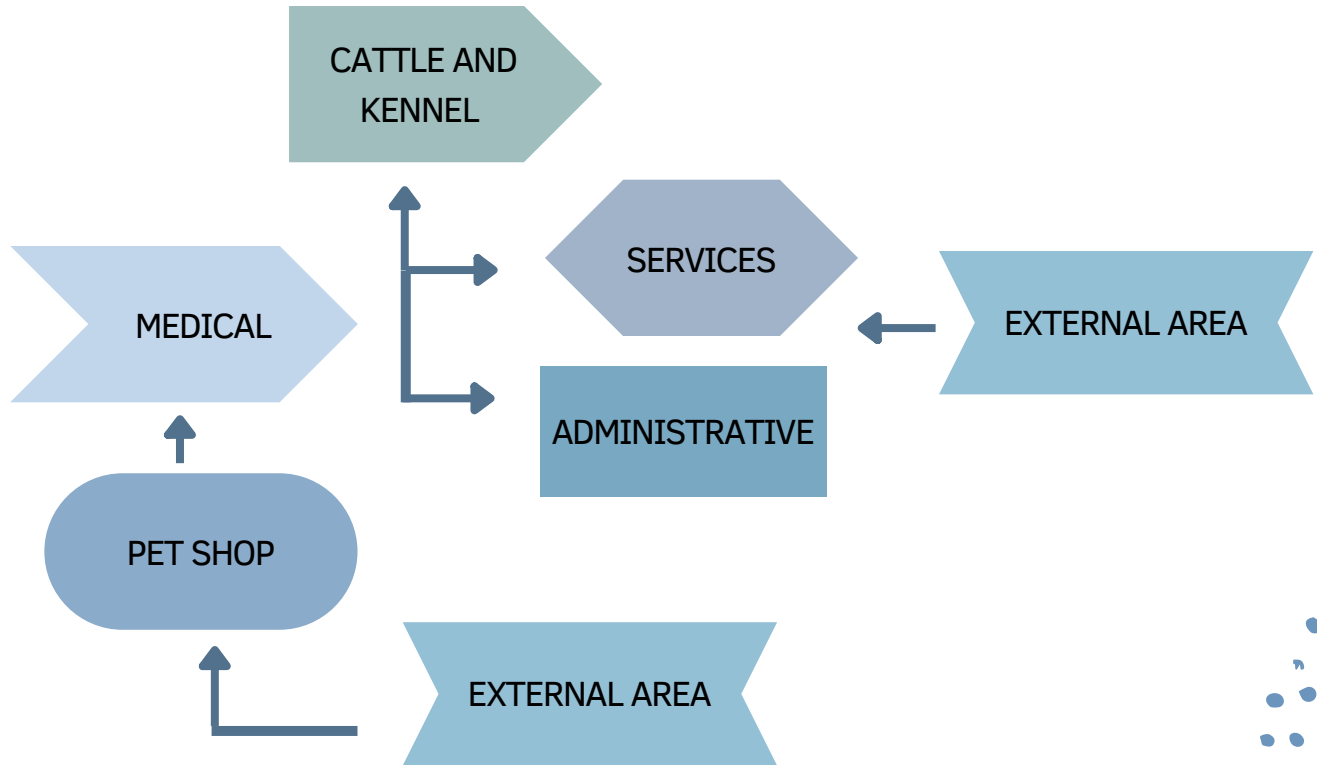


landscaping study



facade study

FLOWCHART



PROJECT



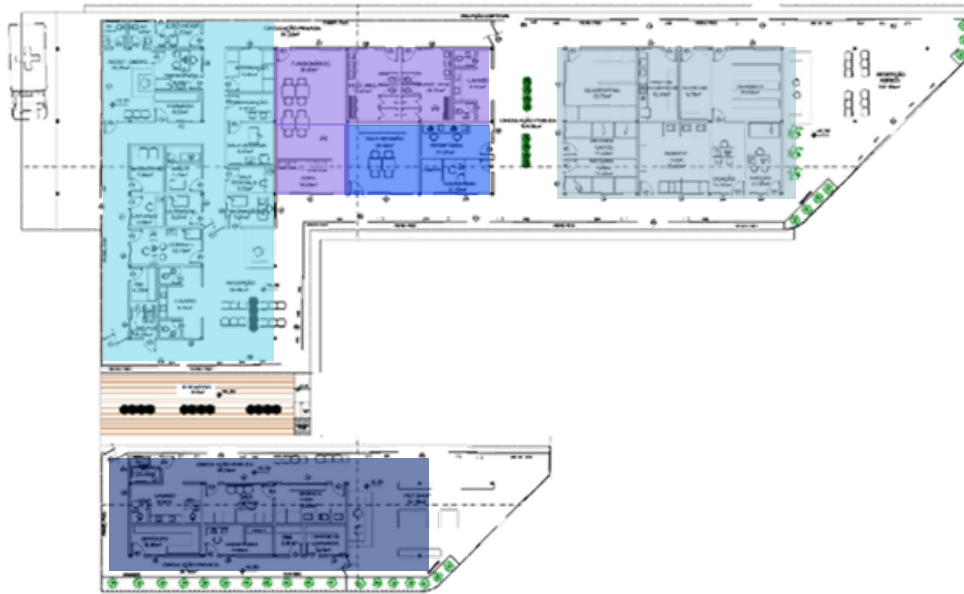
CONCEPT

Starting from the concept of hospitality and well-being, especially for animals, these creatures need care, particularly those that have suffered some form of trauma. However, the project features open and airy environments, with the majority offering views of the outdoors through glass panels and glass doors. This provides a sense of freedom and connection to the outside, yet at the same time offers a comforting feel through the choice of materials, such as wood. It's a perfect balance of an open yet welcoming concept, directly aiding in the animals' recovery.

SITUATION



SECTORIZATION



CLINIC

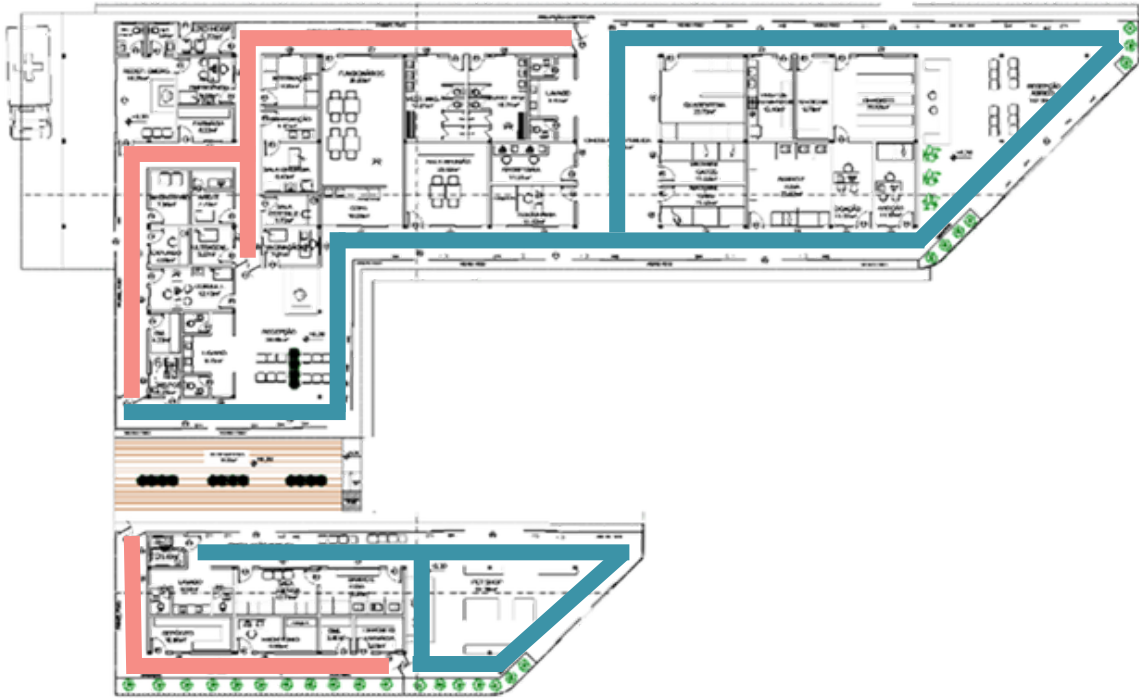
FUNCTIONARYS

ADM

SUPPORT
SHELTER

PET SHOP

CIRCULATION



PRIVATE CIRCULATION

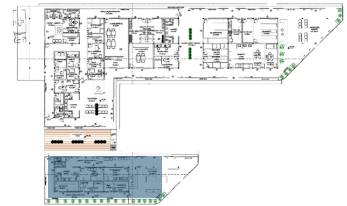
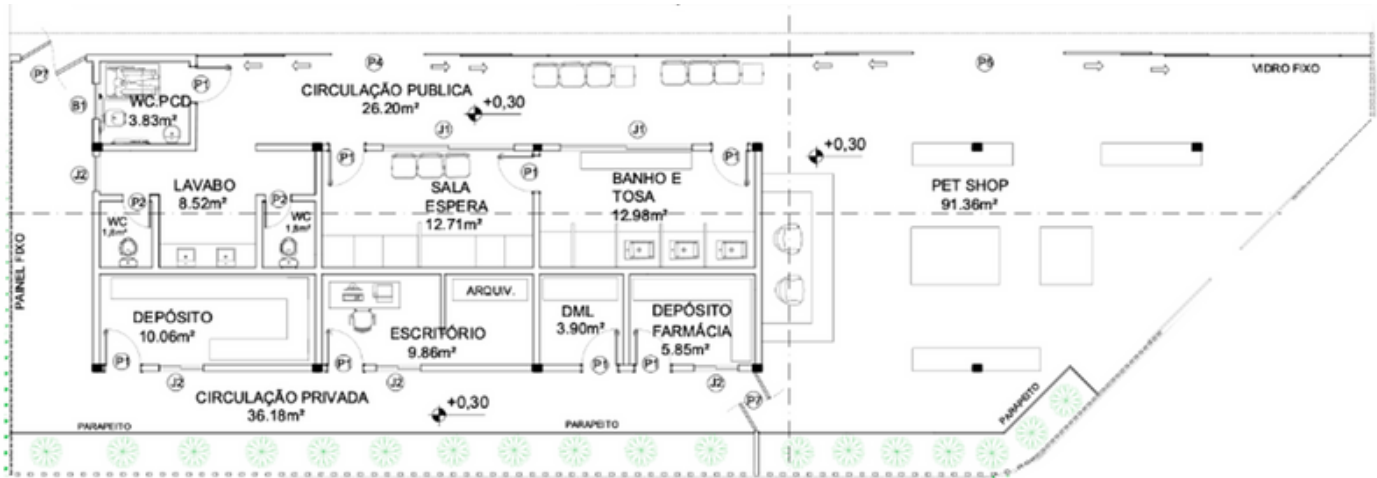


PUBLIC CIRCULATION

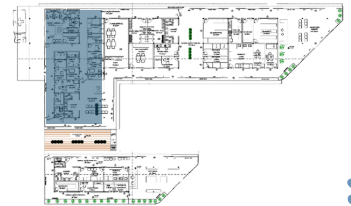
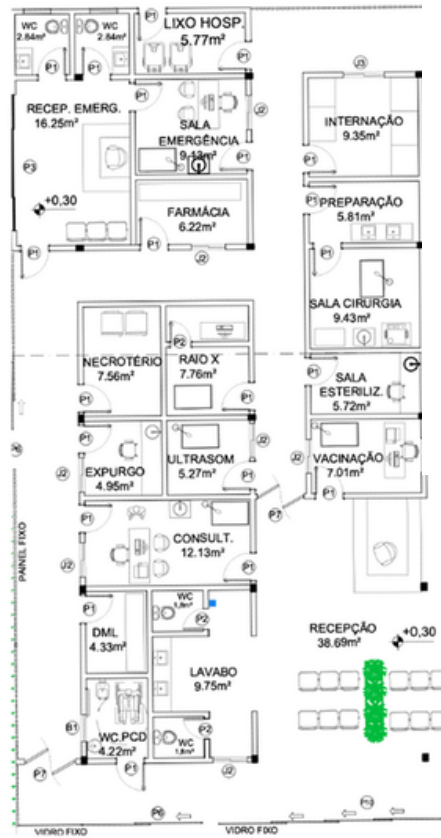
FLOOR PLAN



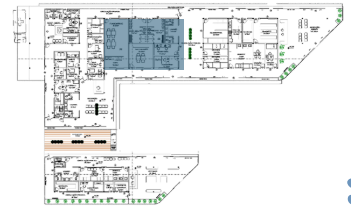
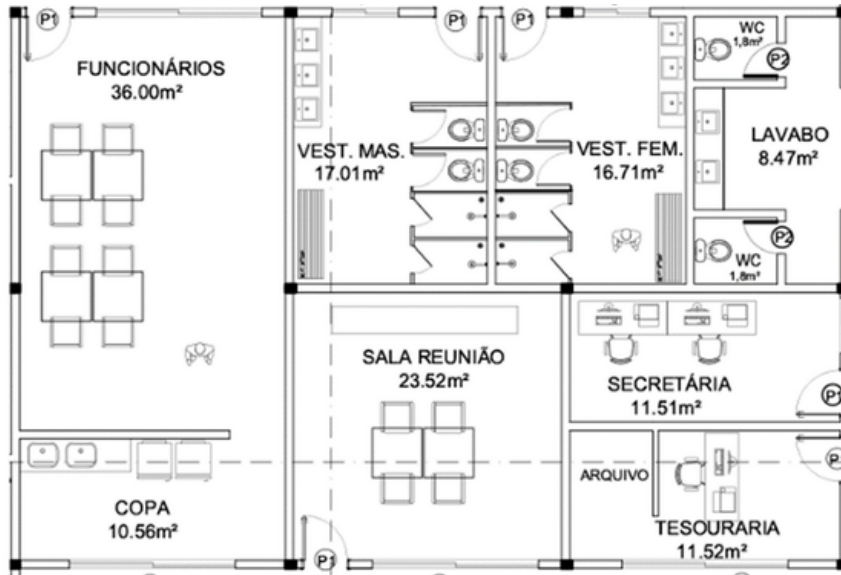
FLOOR PLAN



FLOOR PLAN



FLOOR PLAN



FLOOR PLAN



MATERIALS



WOOD



BURNT CEMENT



WOODEN PUC PANEL



STEEL GRATING



GLASS SLIDING DOORS

FACADES

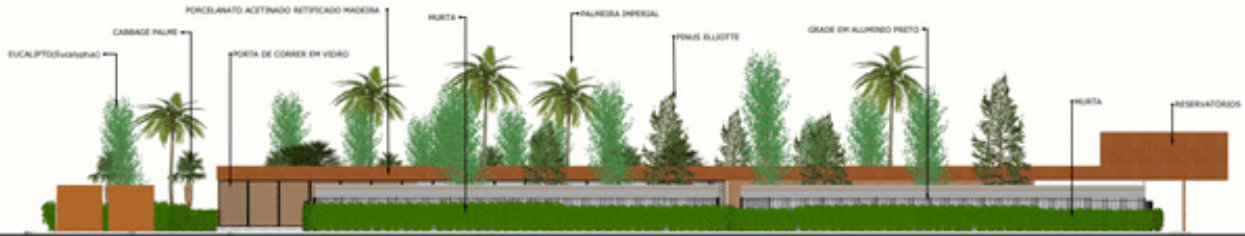


FACHADA SUL



FACHADA NORTE

FACADES



FACHADA LESTE

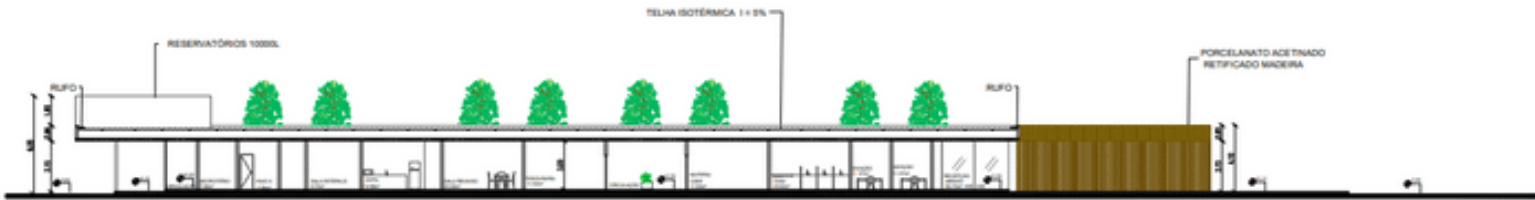


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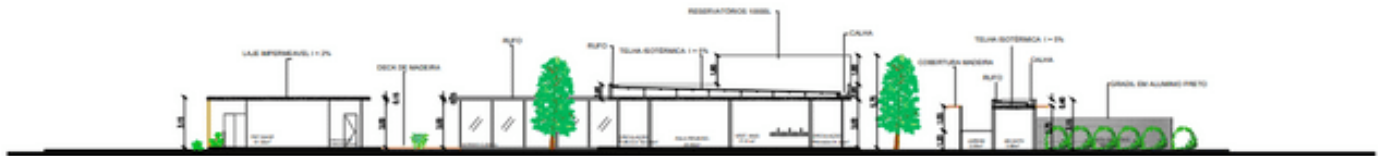
SECTIONS



SECTION AA



SECTION BB



SECTION CC

HOPE

Animal Shelter



HOPE

Animal Shelter



HOPE

Animal Shelter



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