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## Research Article

# Urban Landscape Design Through Landmarks and Vital Design of Urban Areas Integrated with Healthcare Facilities.

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### Abstract:

Transportation is considered the economic lifeline in town .and as it adds vitality to the area; it cannot acheive the integration of urban services without the availability of the necessary facilities for the urban space with harmonious urban fabric.

In this search we adopt the vital design of urban area with landmarks of town.as the meterological tower at the western entrance of Ouzera Town is considered a distinctive architectural style for the design of the University Rectorat in urban harmony with landcape architecture in an ecological environment. The Public squares are designed with an integrated approach to urban fabric and scientific facilities. The center of commerce in Ouzera Town is also designed with a vital approach in which access to services is easy. The vital location of the commercial center ensures the integration of services with facilities of health and its distictive architecture increases the urban value of the place in an urban look with solar panels.

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**Keywords:** Landmarks. Urban image. Landscape architecture. Vital design. Healthy town.

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## 1. Introduction

The town needs an integrated commercial services to meet the daily needs of its residents without expensive transport.The town that provides health and scientific services also needs spaces of health environment for a scientific site and facilitates of health with a vital services.

How can an active central trading be provided with a healthy urban spaces in an ecological town of Ouzera to serve the scientific and health facilitates?.

## 2. Ouzera Town : Modeling of landmarks

The architectural landmarks with a distinctive architecture constitute one of the most important factors influencing the ongoing vitality of town.

Since the towers of communication are considered the landmarks by which Ouzera town is known at night ;we find that vital cities are known by their landmarks that differ wording to their distinctive architecture.

In Ouzera town where the modern architectural fabric has drawn an architectural face on the north South Motorway façade ; we are drawing new landmarks with an architectural views on the vital road of town in which the architectural elements are homogeneous and these landmarks have scientific technical and administrative functions ,especially the meteorological tower on the western façade of Ouzera Town as well as the rectorat of university in the urban façade from all four sides of town.

The meteorological station contributes effectively to providing weather information for the railway trains ; the train station of Ouzera is also equipped with snow plows and an advanced technologies of railway line in the snowy region.

### 2.a. The landmarks and urban landscape Entrance

The western entrance Ouzera town is characterized by a modern image of Motoway works and a rich vegetation that adds a clarity of vision throughout the natural landscaping .

The sight of the bridge towards the architectural façade represents a distinctive transition to the urban space at the entrance wich lachs the architectural element that defines the distinctive shape of town through an architectural image that is clear to everyone with a landscape architerture on the façade of Motorway.

Below we modeling the entrance with a door of town and a tower of meterological station with a distinctive architectural element that is form a landmark of town

#### 2.a.1Decriptive approach of landmark Entrance

The design of landmark in the western entrance of Ouzera Town is done with a modern architectural sight in the form of a tower with a symitrical arches that acheive the golden rectangular shape in the façades. The building ends in a spherical shape as found in meteorological towers the contain of radar at the top.

The aerial view of building is circular. The diameter of tower is 16 meter and the total height is 31 meters.

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The tower consists of ground floor and eight floors; the structure has an elevator.

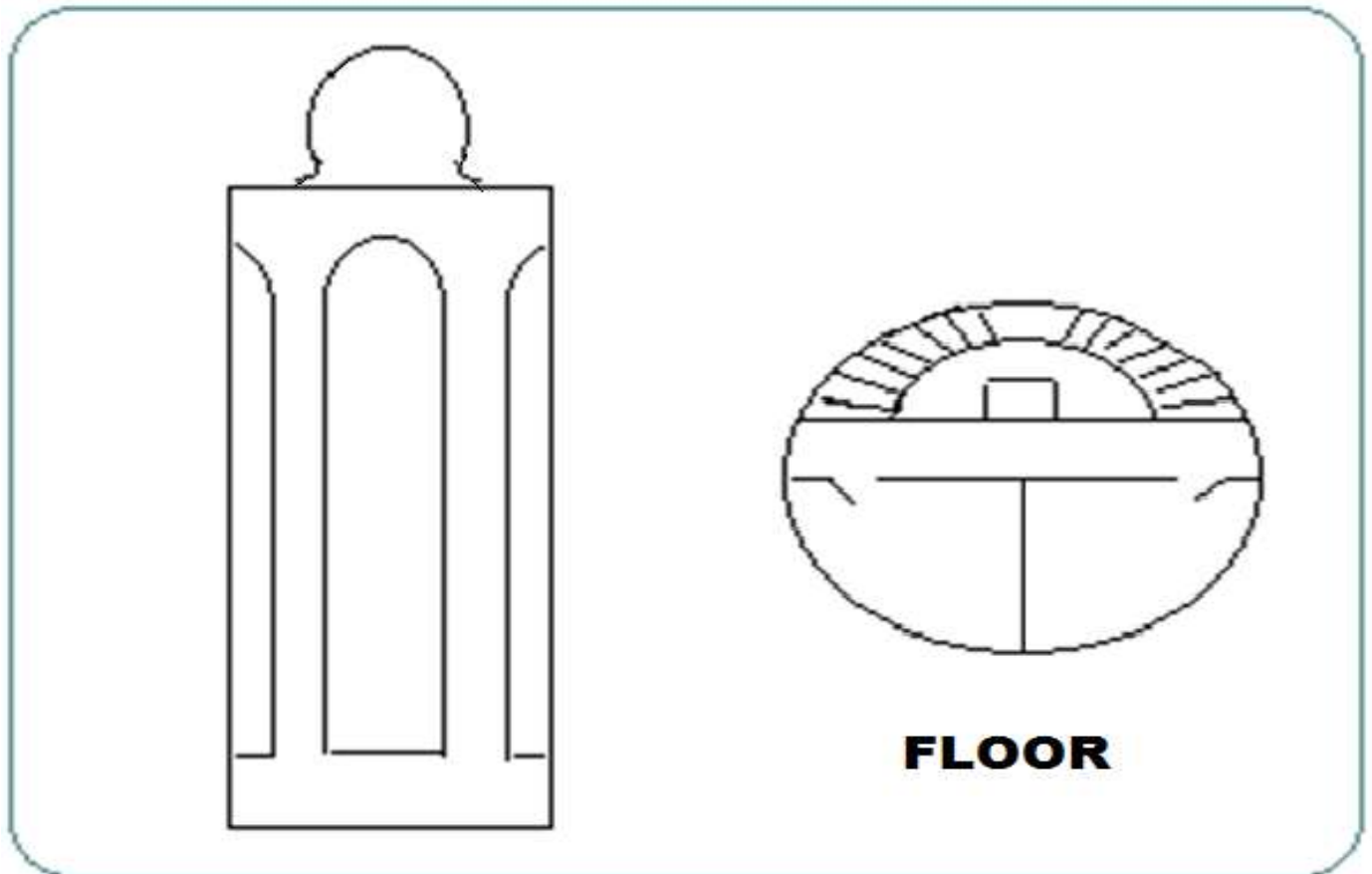


Fig 1 The landmark of town; Architectural Model of Tower

(Source; Author 2025)

### 2.a.1A landscape design of Entrance

The western entrance to Ouzera town has an urban view to the university space adjacent to the North South Motorway. The remaining space between motorway and the border of university facility located near the 29th kilometer point is designated as a meteorological station and the natural scenery is provided by planting trees and shrub on the slopes at the front of motorway. The slopes are being planted on both sides of motorway starting from the 28th kilometer point and ending at the bridge which is considered the door of town.

A mural in architectural form is also being built as an introductory landmark of Ouzera town before the bridge on the northern side of the green space adjacent to the road leading to Ouzera Town.

The Entrance Door is built in a form of an arch of pergola with a height of 14 meters.

The door is decorated with aromatic climbing plants and has lights of night.

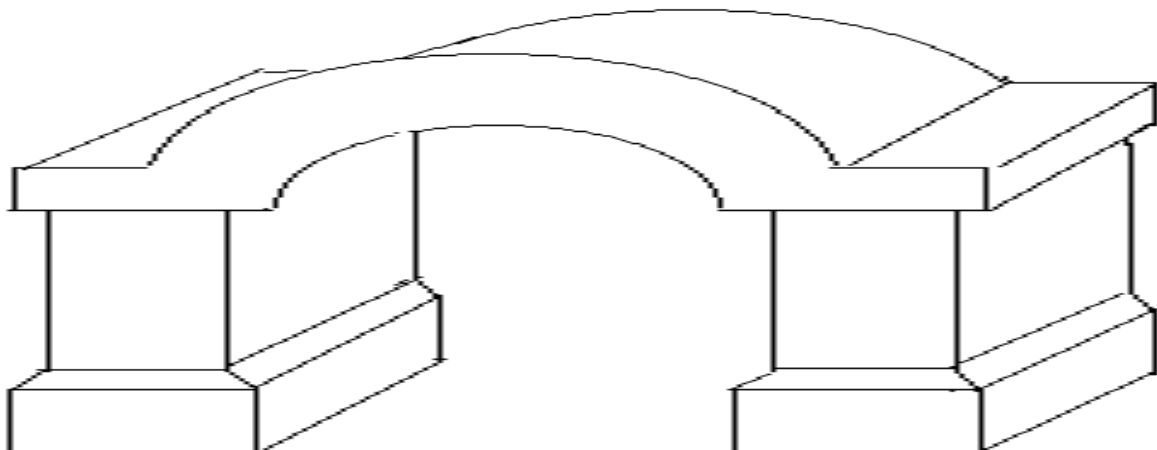


Fig 2 the landmark of town ; Architectural Model of Door

(Source ;Author 2025)

The area surrounding the meteorological tower will be decorated with clumps of palm trees ; shrubs and the area of meteorological station will be surrounding by smal wall in GRC.

A parking area is left on the side of the road that connects the vital road of town to North South Motorway at the front of the residential agglomeration .

The general architectural shape of the residential agglomeration in face of the meteorological station is given by a gemetric wall by several arches in harmony with a shape of tower . and the green space at the crosroads is decorated with an evergreen trees and shrubs in the shape of pistacio branch which is considered as a flora of region.



Fig 3 : Sketching of an aerial view of western entrance and crossroads near the meteorological tower (Source ;Author 2025,photography\*)

### 2.b. Design of an urban landscape sights in a vital road of town

Urban consistency is ensured between the western entrance of Ouzera Town and the nascent urbanization along the vital road by building a door similar to the entrance door ; and this is at the façade of the University seat at the roundabout that ensures the functionality of the roads leading to the urban pole before the fuel station.

This urban landmark defines the roads that passes directly to the urban pole where the spacialized hospital of 120 beds is located. Before the roundabout a number of commercial shops with a façade of arches are built at the slope of the forest area. This structure to stabilize drifting soil. And the shops have lively activities in architectural outlook. They specialize in food and others that sell sanitary ceramics and in return of vital road modern shops that sell various plant seedlings ; photosanitary products and amendments. It was allocated in the forest area on the northern side of vital road in a steppe area devoid of trees to be a forest meteorological station next the North South Motorway.

The Architectural harmony in mass between the entrance of town and the architectural building of university space is achieved by designing the rectorat in the same architecture style in which the weather tower was designed and building a small wall in GRC next to the vital road from the beginning of the shops to landmark door opposite the roundabout. This wall allows to remain clear from the vital road to the North South Motorway.



Fig 4 : Sketching of an aerial view on Roundabout of vital road and its surroundings urban area (Source ;Author 2025,photography\*)

### 3. Observatory on stores of groceries in Ouzera Town

The urban area that is designed in the façade of the vital road contains shops that focus on the architectural façade and urban vitality that reflects the urban approach to continuous activities in the center of town.

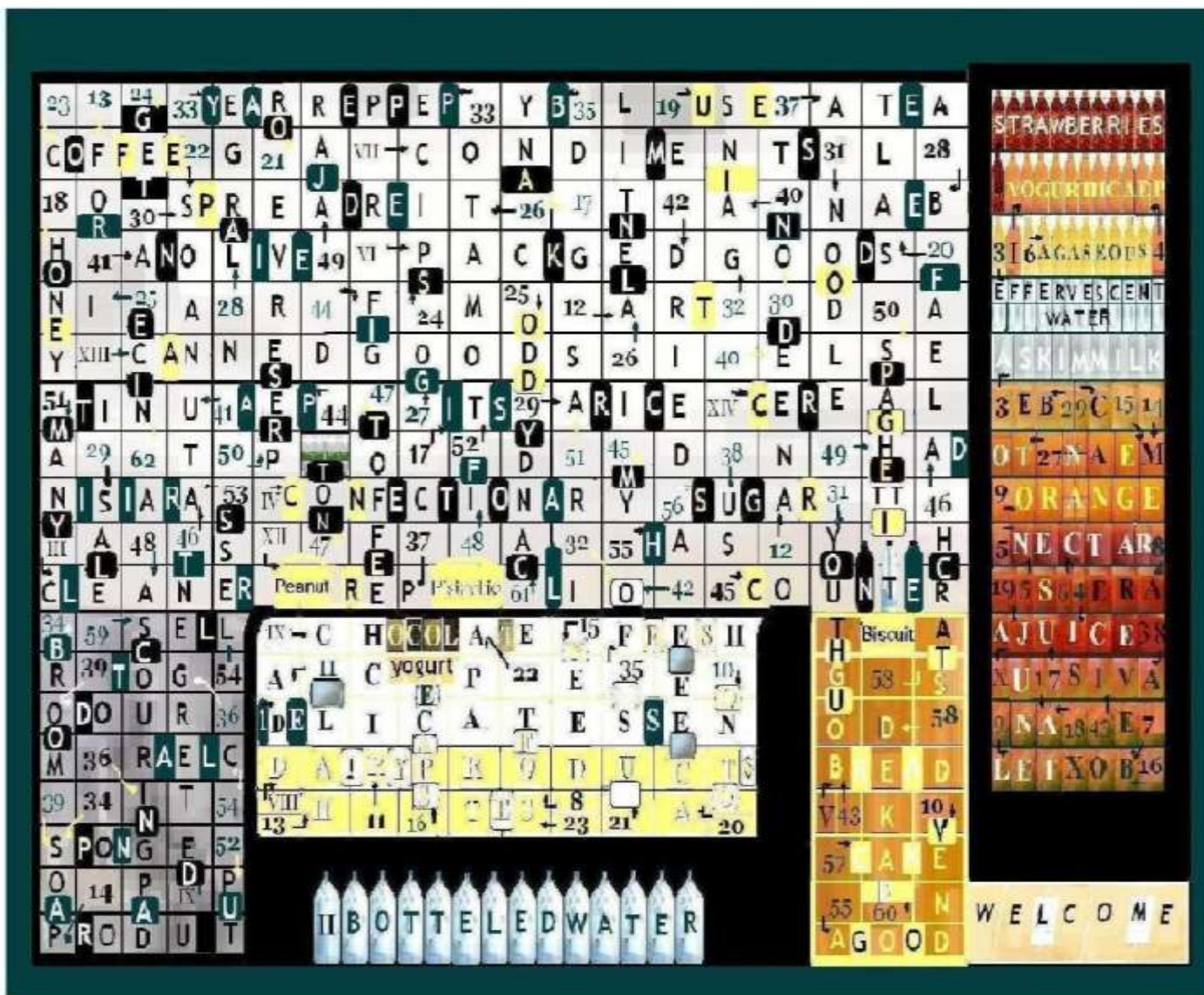
The observatory of commerce for basic foods is considered important for the design of the center of commerce in the centre of Ouzera town.

Through the stores spread throughout the town in which commercial services and goods are distributed. We design a model integrated goods in a significant selling space.

This model is considered a commercial model of vitality ; as it is designed with vocabulary related to grocery. cleaning supplies and retail sales with a healthy nutrition approach and appears in the form of store front.

#### 3.a. Model of retail store.

This model summarizes what the citizen needs in his daily life and draws an important store that must be available in the city center in a significant area that integrates with various commercial activities and in a place that is easily accesible from all quaters and suburbs ; and provides an integrated services for health facilities in one place.



OUZERA TOWN : Modeling of retail stores

#### 3.b. Notes on whole purchasing and retail selling.

The lecture notes of whole purchasing and retail selling in stores of Groceries combine the observatory of most stores into an integrated model.

##### 3.b.1 Whole purchasing

The success of a food store depends on controlling bulk purchases and maintaining capital continuously to ensure the permanent availability of goods and products.

Whole Purchasing

I: Dairy product resulted of fermented and a coagulated milk II: Mineral water replanished in big bottles III: Chemical preparation or simple supplies for cleaning each room of house V: Grain product made with wheat flour VI: Alimentary goods delivered in commercial packages VII: Ingredients for accomodation of foods VIII: Rich product in proteins , vitamins and minerals X: A pulpous drink extracted from a wholesome fruits in a state of ripeness XI: Product used for cleansing XII: Tropical nut used for making cakes XIII: Goods manufactured in cans/ XIV: Food made from semolina and selled in bags for cooking special repast in winter 1: A buyer of beverages in whole to buy a concentrated juice .... manufacturer 2: A purveyor must .... provide a concentrated juice each month of year 4: A wholepurchasing .... a vital element of trading 5: A salesman to write .... on necessary whole provisions 6: In this space inside a store refrigerator we .... set packs of soda 7: This refrigerator designated with a door of glass for a good service of .... 8: Wholesalers on large scale .... located in Algiers 9: A purveyor ..... provide no longer valid juice 10: A grocer to put a butter ..... a story of exhibition into a store refrigerator 11: A retailer to .... the sour milk in a list of providings 12: A retailer to provide .. .... goods each month of year 13: A salesman to provide packets of chocolate used ..... flavoring a milk of children 14: A purveyor of juice said to a retailer : What I do you give today ? A retailer said: give .... a concentrated juice of grapes 15: A trader has a ..... of providing goods 16: This .... reserver for multipacks of yogurt 17: A retailer to buy - - - - types of wrapping for cakes

Whole Purchasing

18: purveyor to unload ..... additional cartons of juice 19: A merchant to purchase high volume of items who have frequent utilization and a specific .... 20: A stock of .... 21: We buy goods .... cans for babies 22: These goods should be arranged on tiers .... as to make it attractive to consumers 23: A retailer to buy .... packaged in small bags 24: A trader to .... on a motorway from Ouzera town 25: A trader to buy goods ... large variety from many wholesalers 26: Tradesman to dispose a preserve of apricot in ..... 27: A retailer to ..... to a wholesaler for buying a preserve of pineapple 28: A ..... varieties of preserves 26: A wholesaler to make a bill of ..... to tradesman 30: A trader to go straight .... a street of wholesalers for buying goods 31: A trader to purchase a quantity of ... and a bottled water 32: A success and ..... in a retail trading related with a good purchasing in whole and a satisfaction of consumers 33: A retailer to list goods who have fewer consumption during .... 34: A retailer to purchase a cleaning supplies such as ..... and scrub brush 35: A purchasing of condiments for resale completed ..... a conoisneur trader 36: A purveyor .... to Ouzera Town at morning 37: A retailer to buy ... .. packaged in caddies 38: A seller of oil said to a retailer: Which type of bottles do ..... take ? A retailer said : Bottles of three quarters liter and small bottles of third liter 39: We fail deals of .... for clothings 40: In this space we provide something .... of packaged cereal 41: A trader to past a .... price of selling on tiers 42: A seller to expose a .... of olive to a retailer 43: We can not put an .... cream in this refrigerator ; we want a freezer 44: A trader to purchase preserves of .. 45: A retailer said to a new purveyor : Let's write your telephone number on .... notebook 46: A retailer to call a purveyor for providing .. .... of oil 47: A salesman to purchase packets of .... 48: A retailer to provide a lot quantity of goods .... there is a repeated request by citizen 49: A cereal of babies ..... purchasing from a special wholesaler 50: A retailer to dispose a quantity of canned preserve .... row 51: A distribution of alimentary goods to necessitate a many intervening such .... a purveyor who get busy a channel of providing from manufacturer to a reailer 52: A salesman to .... in the place reserved for cleaners 53: A retailer to buy bags of .... 54: A trader to .... a price of javelle water 55: A tradesman to provide ..... semolina 56: A trader to purchase a quintal of packaged .... 57: A salesman to set the packages of .... on a tier 58: A salesman said to a purveyor : ..... you have a biscuit baked with cream? A purveyor said : I have hazelnut flavoring 59: A retailer to dispose cleaning products to ... 60: A salesman to arrange a ..... goods bright to consumers 61: A salesman to arrange sticks of ..... in a tier of confectionaries 62: A salesman provides a ..... honey of bees for a nourishment of health

### 3.b.2. Retail selling

From a practical standpoint ;continuous cleanliness and organization of the commercial space are the basis for success in stores of groceries.

#### Retail Selling

IX: Sweet flavoring made from the beans of cacao tree IV: A Dainty prepared with sugar 1: A rod of ... prepared with poultry 2: A trader to arrange a yogurt of ..... in a refrigerator 3: ..... for children 4: A child to buy a yogurt of ..... 5: A ..... of peach 6: A citizen to buy .. .... of lemon 7: A liquid prepared from fruits has been tasted as a ..... 8: A ..... cheese 9: A juice of 10: A trader to ..... a flour for cookies 11: Chocolate is a .... food in cacao solid and others flavorings 12: A Different varieties of lentils to necessitate an ..... of cooking 13: A child to buy a ..... liter of milk 14: A retailer to cost a cleaning ..... 15: We find elements for human body in dairy products 16: A child to buy a juice ... of apple 17: A trader to set .... selling prices of canned goods 18: A .... of forest 19: This juice of apricot must owe consumed in advance of ..... in present year 20: ..... for spreading 21: We .... use knife for cutting a slice of special meat 22: A milk is .... of ingredients of semisweet chocolate 23: A grocer to .... the tubs of margarine in a store refrigerator 24: The ..... is the scented flavourings used for making sauce 25: A citizen to purchase an ..... can of tuna 26: ..... is a good source of iron and folate 27: A citizen .... open a refrigerator for taken a juice of pomegranate 28: This garbanzo dried legume rich in magnesium and fiber 29: ..... is commercially classified with treatments and prices 30: A citizen to sweet ..... 31: This juice box to necessitate ... of hand for opening the cork 32: A pound ..... camembert cheese 33: Black ..... 34: A child to buy a ..... of kitchen 35: A slice of ..... cheese 36: .... is a cleanser 37: The confectionaries as ..... the consumer requirements 38: A milk is an important aliment to all of ..... 39: This .... of toilet to absorb the disagreeable ..... 40: A citizen to provide .... list of groceries and a oil of cooking in the depth of winter 41: ..... of salad salted and preserved in a canned packaging 42: ..... vegetables are a vital element for beloved diet 43: The bags of flour .... in large quantity during summer 44: This preserved .... is an excellent source of protein 45 : A child to put a money on a .... 46: ..... of mint 47: You do .... sells the matches to miners 48: This ..... reserved for a cleaning equipments of cooking 49: ... of clear honey 50: A trader to expose a several trademarks of ..... 51: Dried fruits packaged in ..... forms 52: On a can of a preserved ..... we find dates of manufacturing and expiration 53: .... is dried grapes used for making special repast from cereal 54: This items of insect spray are ..... frequency of utilization 55: A child said to a tradesman : This carton of milk in powder ..... primary container. A tradesman said : A carton of milk has an exterior container on interior container

**4.A vital Design of urban spaces in Ouzera Town**

The vital design of urban spaces in Ouzera town depends on the strategic location of important places whose artery is the main street of town.

Since the main street is considered an extension of the wilaya road number 51 ; the urban image is drawn with landmarks of town in which public squares are considered a vital element that adds important commercial activities so urban spaces with commerce are designed that meet the needs of population and the facilities of health.

**4.a. Urban image through A public place of fountain**

The fountain square has a distinctive design with a view to scientific space that extends to the landscape sight with view of vital road and nascent urbanization surrounding the road number 51.

The urban fabric surrounding the public place also gives it a special view.

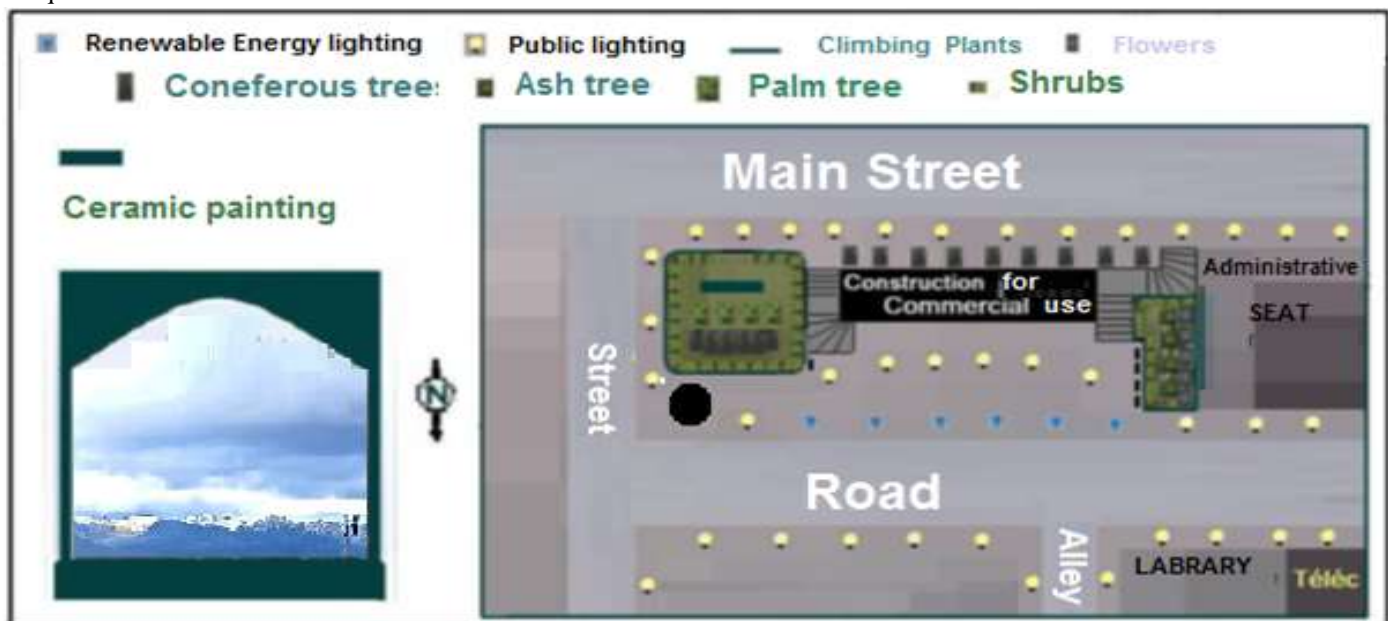


**Fig 5 : Urban design ; Place Of Fountain(Source ;Author 2025)**

The circular kiosks with symmetrical geometry of arches in façades as well as the shops in the face of the fountain add a lively character that makes the place an excellent space that welcomes visitors with shops specializing in food and office services as well as cleaning clothes ; multiple services serving health and sciences

**4.b. A public place of garden such as landmark of town.**

On the land belonging to the state located adjacent to the municipality seat and near to the polyclinic ; a public place is being designed in a location with an extended natural sight to the atlas mountains and an urban façade overlooking the main road number 51 from the individual corridor for given a distinctive character of the public place . a clump of palm trees are planted to act as landmark that can be seen from all roads leading to it. And determine the location of place among the urban building that make up the quarters in a center of town.



**Fig 6: Urban design ; Plance Of Garden**

(Source ;Author 2025,photography\*)

A group of shops will be built for integrated activities in one site with an architectural façade overlooking the main road passing through the polyclinic and the municipal seat of Ouzera.

The shops of premises will also have an architectural façade towards the public place and garden. In the eastern corner of the public place a kiosk will be built in the same architectural form as the kiosks of fountain place to be a clear architectural landmark from the road leading the municipal seat of Ouzera.

**5. Choosing a vital site of commerce accessible to districts and quarters of Ouzera Town.**

The commercial location is chosen in a vital place in a center of town and it is noted that the commercial vitality in town is located in the main street that extends to the wilaya Road Number 51. The land opposite the municipal stadium is considered with its significant area exceeding a quarter of hectare, so a vital commercial center will be built with two commercial façades ;one of which is on the wilaya road number 51 dedicated to furniture and home appliances stores to provide a suitable for parking and enhance the vitality of the place with a clearly marked square with a climp of palm trees.

The other façade on the road adjacent to the municipal stadium has direct access to the parking in order to ensure the arrival and stopping of trucks supplying vegetables and fruits.

In this place ; residents of urban pole can easily access the fruits and vegetables Market whose commodities are considered essential for healthy nutrition and cover large demand in the suburbs and quarters of town in easily accessible principal alley on foot and by transport from the stopping point on main street of town.

The current location of the fruits and vegetables market is being used to build a modern market of Fish and Meat.

The fruits and vegetables commercial centre contributes to its commercial vitality cars can also park near the market in parking on both eadges of the main street of town passing through the eastern suburb.this road at the front of the urban pole is considered important to ensure permanent traffic flow in town and also ensures the connection between the commercial structure and the important facilities in Ouzera town.



**Fig 7 :Location of commercial centre on main street of town (Source ;Author 2025,photography\*)**

**5.a.The center of commerce**

The commercial center depends for its continued functionality on renewable energy to ensure heating in the winter as trade is difficult in harsh conditions and solar panels draw the shape of basket in a distinctive aerial view .

The commercial center has a retail fruits and vegetables market on the ground floor facing the road opposite the municipal stadium. This Market is equipped with a cooling system that maintain the quality of goods during the summer and heating in the winter ensures comfortable services to ensure good and permanent availability of goods that are essential for healthy nutrition and body energy.

On the first underground floor of the commercial center there are a number of stores selling shoes and clothings of men ; and a lively service of cafeteria is included on this floor overlooking the municipal stadium. The water closet also ensure the health of all worker in all shops on the floor as well as the fruita and vegetables market.

The ground floor overlooks on area containing two kiosks and a space that activities the commercial space in the center next to the



main road. This floor contains stores for home appliances, furnitures, office services, ranges and covers, as well as cleaning clothes.

Moving from one floor to another is done using stairs on both sides. The water closet in this floor are for public to serve public health.

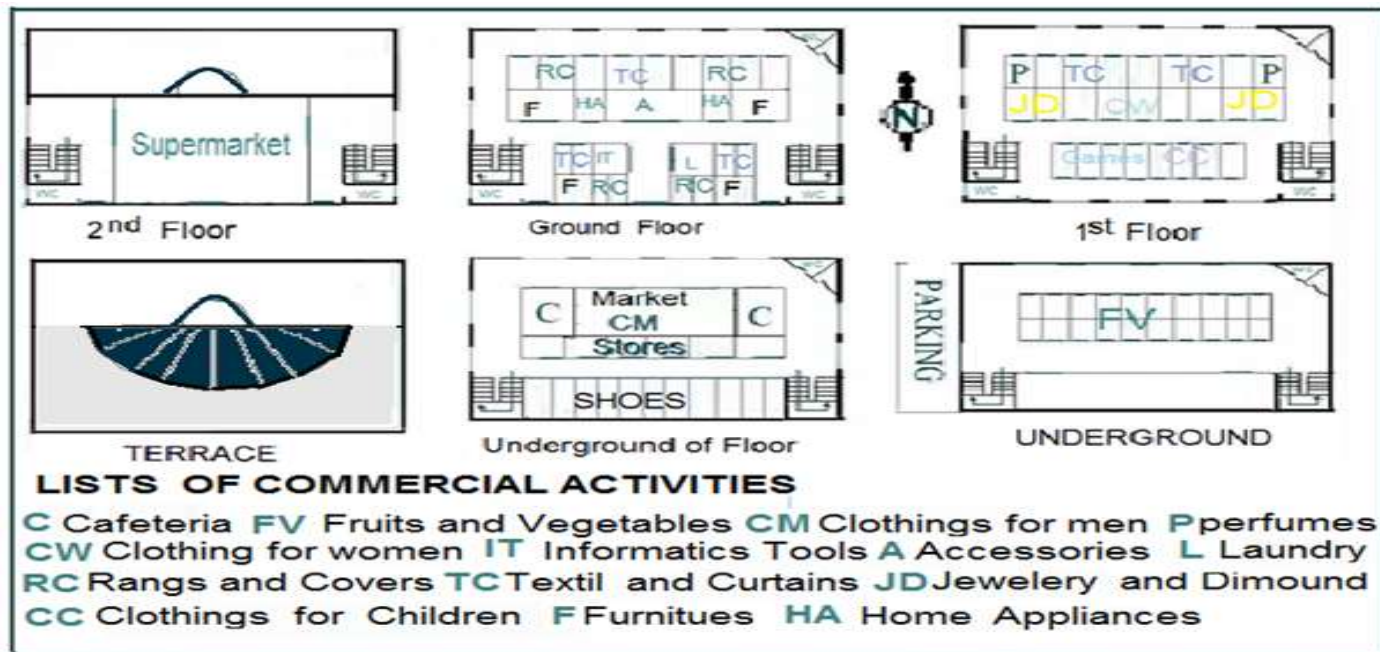


Fig 8 : Design of commercial center (Source ;Author 2025)

On the first floor we find clothing of women and stores for clothes and Games of children as well as perfumes, gold and diamond stores. On this floor there are water closet for women. The upper floor is designated as a spermarket for goods, claening supplies and household ustensiles. The façades of the commercial center are in the same architectural style as those at the entrance of town as the arches give it a distictive architectural shape

The geometric shape of the roof gives a distinctive view of the solar panels as it can be seen from the façade of the main street in a center of Ouzera town.

**5.b.Design :Market of Fish and Meat.**

The market of fish and meat is designed with an architectural façade characterized by the shape of a trawler. The market will be visible to passengers from the main street and from the street alongside the school canteen. The main façade of the market contains shops of white and red meat and on the front of the road leading to the fruits and vegetables market there is a shop of frozen fish. The market has a special area that sells several tupes of fresh fish in space of healthy atmosphere.

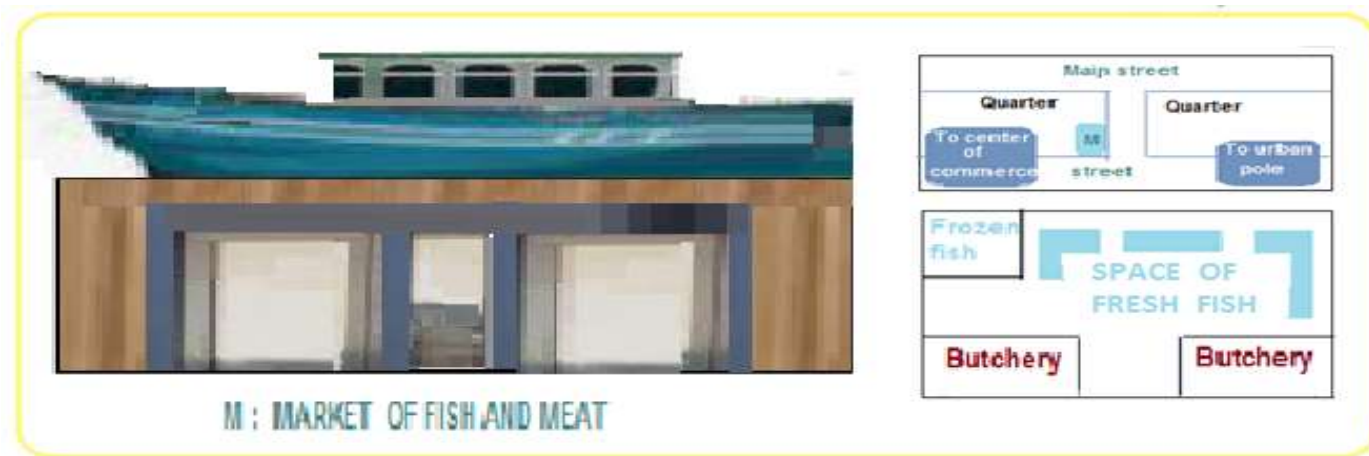


Fig 9 : Architectural Sketching onfish and meat market

(Source ;Author 2025)

**6.Conclusion**

The vital urban design of landmarks in town helps provide commercial services with quality.

The meteorological station tower at the western entrance of Ouzera Town considered an important landmark and a scientific center that monitors the air quality in town and works to ensure the continued menning of trains and good services of the train station especially in weather fluctuations.

The integrated commercial services are achieved in the town of Ouzera in a vital commercial center whose service activity guarantees heating in the cold winter and air conditioning in the hot summer and the renewable energy is used to ensure this commercial services.

The urban spaces also help provide commercial services in an important places of town where scientific and helth services are located.

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\*Source of picture :Facebook account allowed to everyone.

(From the municipality of Ouzera).