

**THE TECHNICAL REPORT OF THE COMPETITION OF DESIGNING THE STRATEGIC PLAN OF THE COMPETITION OF
DESIGNING THE CENTER OF THE CENTRAL OF DOBRICH**

A PLACE TO GATHER TOGETHER (THE CRISTAL GATE PLAZA)

WHERE THE WAY TO THE CITY STARTS FROM THE CITY GATE

AND THE CITY GATES ARE THE CRYSTAL GATE PLAZA

**CRYSTAL BUILDINGS PLANTED IN THE PLAZA
WHERE ALL THE CITY GATHERED TOGETHER MELTS IN ONE COMMON PLACE**

THE DOUBTS AND THE REASONS

**OUR AIME FOR IS TO ESTABLISH A PLAZED PARK TO BE A LAND MARK
FOR DIBROCH ON THE MAP OF THE WORLD**

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**CRYSTAL BUILDINGS PLANTED IN THE PLAZA
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MELTS IN ONE COMMON PLACE**

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THE SHAPES INDEX

THE INTRODUCTION

IN OUR MAIN AIM AND PROPOSE FOR DESIGNING THE CENTER OF DOBRICH WE TOOK IN CONSIDERATION THE ROLE OF THE CITY CENTER TOWARDS ITS RESIDENCE, ITS USERS, VISITORS AND THE SURROUNDING NEIGHBORHOODS, AND HOW TO DO ITS FUNCTIONS.

FROM THE ABOVE SENTENCE WE STARTED OUR DESIGN, IN OUR VISION FOR HOW TO CREATE A DESIGN FOR THE PLOT, WITH ITS IRREGULAR SHAPE WHICH WAS A CHALLENGE HOW TO MAKE A FRIENDLY DESIGN WHO CAN HOST THE WANTED NO. OF RESIDENTIAL UNITS, THE ROLE OF IT TO BE A PLACE TO GATHER TOGETHER, A PLACE OF RECREATION, A PLACE FOR CEREMONIES WITHOUT NEGLECTING ITS EFFECT ON THE SURROUNDINGS TAKING IN CONSIDERATIONS THE URBAN EFFECT, THE COMMUNITY EFFECT, THE ENVIRONMENTAL EFFECT, THE FORM EFFECT AND THE SUSTAINABLE EFFECT.

WE HAVE A DIFFERENT VISION FOR THE RESIDENTIAL PROJECT YOU CAN AGREE OR DISAGREE BUT WE DO HAVE OUR STRONG REASONS IN WHY IT WILL BE PRODUCED LIKE THAT.

WE DIDN'T NEGLECT THE HUMAN SIDE REASONS WHICH LEADS TO BE PRODUCED LIKE THAT.

AT THE END WE HOPE TO BE SUCCEEDED TO GIVE AN ADDITION TO THOSE PEOPLE WHO NEEDS A PLACE TO GATHER TOGETHER, A PLACE OF RECREATION, A PLACE FOR CEREMONIES, TO SUPPORT THEM IN FACING HOW CRUEL IS THE LIFE, HOW STRONG ARE THE CIRCUMSTANCES IN ORDER TO SUPPORT THEM IN THEIR FIGHT IN THE LIFE

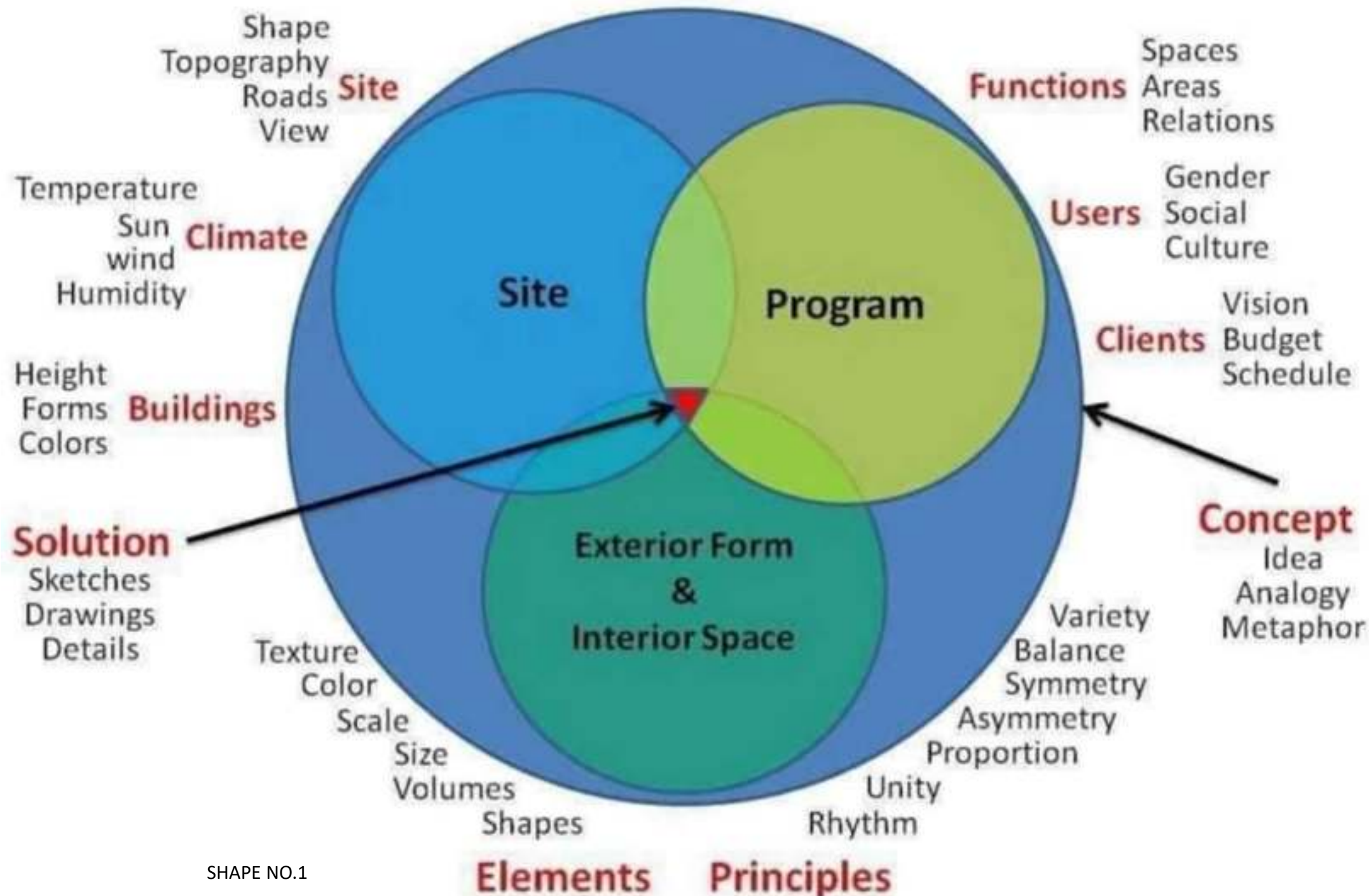
ONE MORE WORD EVERY ONE OF US HAVE FACED SOME OF THIS CIRCUMSTANCES, SO IN THIS PROJECT WE HAVE AVOIDED WHATEVER WE FACED IN ORDER TO DO OUR ROLE TO IMPROVE THE PEOPLE LIFE

IT IS A COMMUNITY-ORIENTED PARK PLAZA THAT INCORPORATES SMART TECHNOLOGIES IN DIRECT RESPONSE TO THE DISTRICT'S RECENT REBRANDING AS AN INNOVATION DISTRICT. AT THE SAME TIME, THE DESIGN VOCABULARY OF THE PARK HAD TO RESPOND TO AND INTEGRATE WITH THE DISTRICT'S HISTORIC CHARACTER AND DISTINCT MATERIAL PALETTE. THE RESULT IS A FLEXIBLE PARK WITH VARIED PROGRAMMING THAT PHYSICALLY BLENDS IN WITH ITS HISTORIC CONTEXT WHILE DISCRETELY INCORPORATING SMART TECHNOLOGIES THAT OPTIMIZE MAINTENANCE, PROMOTE SUSTAINABILITY, AND ENHANCE THE VISITOR EXPERIENCE.

THANKS A LOT

THE ARCHITECT

The Concept



1st THE PROJECT CALCULATIONS

THE POPULATION DENSITY AND THE STRUCTURAL DENSITY STUDIES

AREA OF WORK: 375606.91 SQ M

FEDAN AREA = 4200 SM

AREA OF WORK = $375606.91 / 4200 = 89.43$ FEDAN

POPULATION = 250 PERSONS / FEDAN

$89.43 * 250 = 22375$ PERSONS

**89.43 FEDAN 60% (PATHWAYS, PLAZAS, GREEN AREAS... ETC.) = 53.65 FEDAN = 225,330 SQM
RESIDENTIAL AREA 40% = 35.77 FEDAN SERVICES = 150,234 SQM**

BUILT UP DENSITY = 22375 4 PERSONS / A RESIDENTIAL UNIT =

$22375 / 4 = 5596.3 = 5597$ RESIDENTIAL UNITS

ONE UNIT EQUALS 150 SQM

$150 * 5597 = 839550$

REQ FAR = 2.23

ONE BUILDING 25 FLOORS

ONE FLOOR EQUALS = 4 NITS = 600 SQM + 30 PERCENT SERVICES = 720 SQM * 25 FLOORS = 18000 SQM

**40 BUILDING * 18000 SQM = 720000 + 30 PERCENT SERVICES (SPA, MALLS
, SHOPS, ... ETC) = 720000 + 216000 = 936000 SQM**

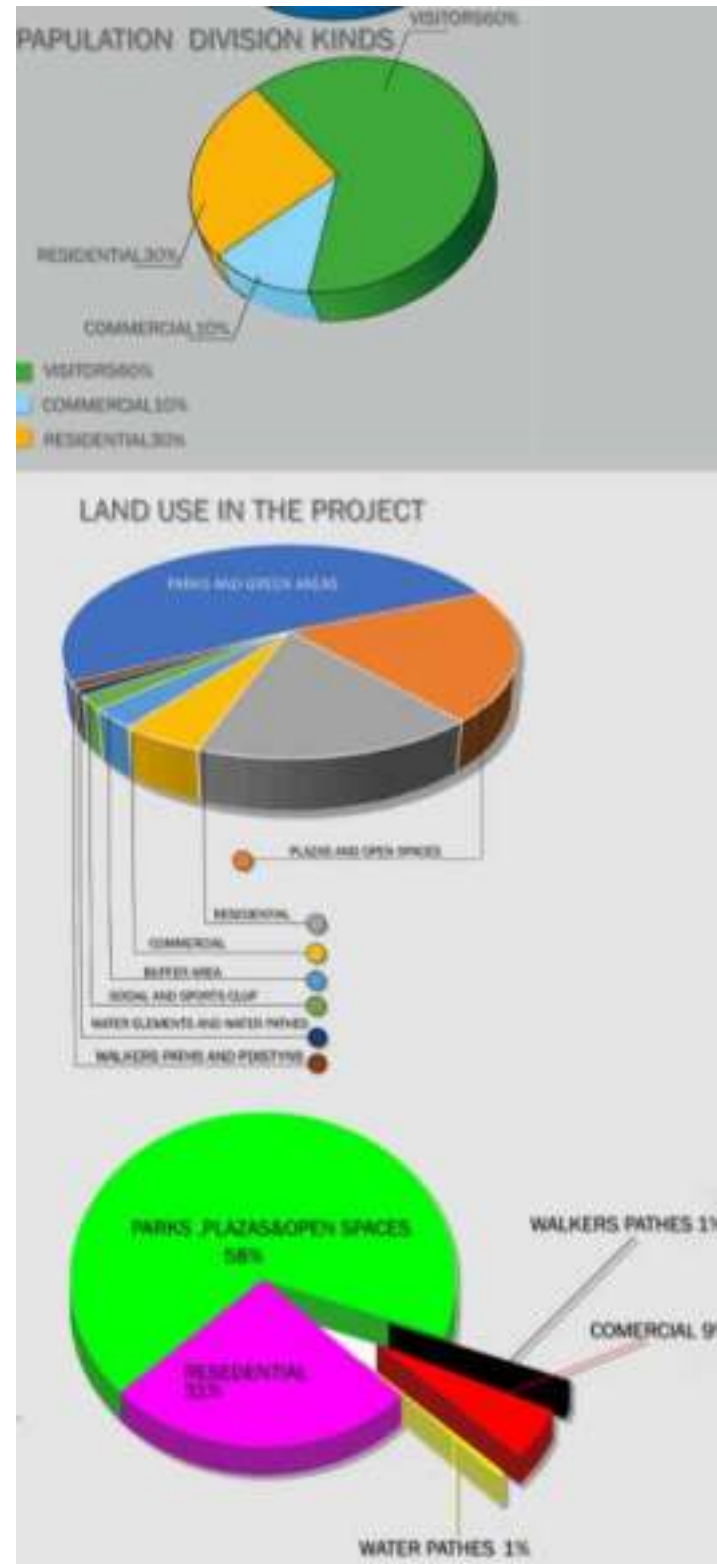
DESIGNED FAR = 2.49

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1st THE PROJECT CALCULATIONS



SHAPE NO.2

1st THE PROJECT CALCULATIONS

WHEN WE STARTED WORKING FOR THE PROJECT AND ACCORDING TO THE CALCULATIONS AND THE INFORMATION'S FROM THE COMPETITION'S COMITY WE STARTED TO IMAGINE WHAT WE WANT FROM THE PLOT: WE WANTED 3 THINGS POPULATE THE ENOUGH NO. OF PEOPLE AND CREATE A LAND MARK TO THE CITY OF BELFAST (URBAN DENSITY, OPEN SPACE ACTIVITIES,.....ETC.) AND INTEGRATION WITH THE URBAN AROUND.

THE F.A.R

WE USED ANOTHER F.A.R OTHER THAN THE PROPOSED F.A.R (AND WE HAVE OUR STRONG REASONS FOR THAT) AS WE USED THE VERTICAL F.A.R RATHER THAN THE HORIZONTAL F.A.R IN ORDER TO ALLOW FOR MORE FACILITIES AND MORE ACTIVITIES EITHER RECREATIONAL OR ECONOMICAL A HIGH-RISE BUILDINGS IN ORDER TO HOST THE NEEDED NO. OF RESIDENTS IN THE MINIMAL AREA STEP FOOT PRINT AS THE WANTED RESIDENTIAL NO IS VERY BIG COMPARED TO THE PLOT AND THE FACILITIES SHOULD BE IN THE PLOT SO INSTEAD OF THAT WE USED A HIGH-RISE BUILDINGS G+30 IN ORDER TO SOLVE THIS PROBLEM AND TO HAVE AN EXTRA OPEN SPACE FOR THE USE OF THE ACTIVITIES FOR THE RESIDENTS AND THE VISITORS (MENTIONED IN THE ECONOMIC STUDY SECTOR AND THE ECONOMICAL ACTIVITY OF THE NEIGHBOURHOOD) AND TO GIVE A GOOD WAY OF LIVING FOR THE RESIDENTS AND TO BE A PLACE FOR BIRTH OF ACTIVITIES FOR THE WHOLE CITY WHICH HELPS IN ATTRACTING VISITORS FOR THE PLOT WHICH GIVES A FLOURISH IN THE ECONOMIC ACTIVITY OF THE NEIGHBOUR HOOD .

2ND THE DEMOGRAPHIC STUDY FOR THE PROJECT

IN OUR VISION FOR THE PROJECT WE DIDN'T NEGLECT TO STUDY THE DEMOGRAPHIC COMPONENT FOR THE PROJECT AND IN THE FOLLOWING THE STUDY:

WE DIVIDED THE COMPONENT INSIDE THE PROJECT INTO 3 DIVISIONS:

1-THE RESIDENT AND THIS WILL BE DIVIDED TO 2 DIVISIONS A: WHICH WILL TAKE A RESIDENTIAL UNIT TO BE AS A SHELTER FOR HIM INSTEAD OF THE UNIT THAT IS DEMOLISHED IN THE DEVELOPMENT OF THE PLAZA AND IT HAS TO BE EFFECTIVE TO HIM TO DO ITS ROLE FROM RESIDENTIAL ROLE TO A SOCIETY ROLE IN ORDER TO CONVERT THE LIFE OF THOSE WHO HAVE NO SHELTER AND CONVERT THEIR LIFE FROM A CRUEL PROBLEMATIC LIFE TO A LIFE FULL OF SUCCESSION AND FLOURISH

B: THE RESEDENT WHO IS BAYING A FLAT OR AN APARTMENT FACES THE PLAZA TO BE A PLACE FOR ENJOYING HIS LIFE AND TO BE A PLACE FOR LIVING HIGH LUXRY LIFE

2-THE TENANT AND THIS IS DIVIDED INTO 3 DIVISIONS,

A: WHICH IS ONE WHO WILL RENT THE SHOW ROOMS IN THE GROUND FLOOR AND THE MEZANIN 1 AND 2 OF THE HIGH RIZE BULDINGS, THE SHOPS IN THE MALL IN THE BASMENT 1 AND THE HIGH MALL WHICH REVOLVES AROUND THE PLAZA IN THE ROOF WHICH IS LINKING THE BUILDINGS TOGATHER.

B: THE TENANT WHICH IS RENTING A ROOM IN THE WHOTELS IN THE BUILDINGS FACING THE PLAZA WITH IT'S VIEW, ACTIVITIES AND CERMONIES AND THE ASTONSHING ATMOSPHERE OUTSIDE AND RELAXING ATMOSHER INSIIDE.

C: THE TENANT WHO IS RENTING AN OFFICE TO DO BUSINESS IN THE SAME MENTIONED ABOVE BULDINGS WHICH IS A PLACE TO DO BUSINESS IN EASNEASE WAY AND IN AN UNPANED ATMOSPHERE INSIDE IN THE BUILDINGS FACING THE PLAZA WITH IT'S VIEW, ACTIVITIES AND CERMONIES AND THE ASTONSHING ATMOSPHERE OUTSIDE.

AND WITH ALL THE MENTIONED ABOVE REASONS WHICH WILL ACT AS A POINT OF ATTRACTION TO THE VISITORS IN ORDER TO BE ONE OF MANY REASONS OF UNISOLATING THE PLAZA FROM IT'S SURROUNDING AND TO BE PART OF THE INTEGRATION PLAN WITH IT'S SURROUND.

3-THE VISITOR WHICH WILL VISIT THE PROJECT FOR ALLOT OF REASONS SUCH AS USING THE CYCLE PATH, JUGGING ENJOYING THE PARKS, THE RECREATION AND THE SHOPPING.

4-THE USER WHICH IS USING THE PROJECT IN ALL THE LEVELS EITHER BY PASSING THROUGH IT, OR USING THE COMMERCIAL PART ,OR USING THE SPORTS PART OR THE HUMANELY PART, AND HE IS NOT A RESIDENT THERE OR A TENANT OR A VISITOR .

THOSE 4 KINDS WHICH ARE THE COMPONENTS OF THE COMPONENT OF THE DEMOGRAPHIC OF THE NEIGHBOURHOOD SHOULD MELT IN ONE PLATE INTEGRATING IN THE COMMUNITY AROUND AND INTEGRATING WITH THE COMMUNITY AROUND.

WHAT WAS ABOVE IS THE INTRODUCTION TO THE VERY IMPORTANT WHICH IS COMING IN THE FOLLOWING:

IT'S WELL KNOWN THAT SOFIA WAS A PLACE FOR A SOCIAL CONFLICTS BEFORE, IN OUR PROJECT IT'S AN EQUAL COMMUNITY IN ORDER TO MELT THE CONFLICT PARTS IN ONE COMMON FABRIC THESE WILL HAPPEN THROUGH FIRST DEFINE THE FABRIC BY THE MENTIONED 4 DIVISIONS AND NEGLECTING ANY OTHER RESIST WORDS STANDING ON THE COLOUR OR THE RELIGION OR THE SOCIAL PLACE

THE NEIGHBOURHOOD IS A GOOD OPPORTUNITY TO CONFIRM THE INTERNAL SOCIAL PEACE OF SOFIA TO BE AN EXAMPLE TO BE FOLLOWED NOT ONLY IN SOFIA , BUT ON THE WORLD

WE WANTED TO SHOW THE WORLD HOW GREAT IS SOFIA AND BALGARIA AFTER, HOW STRONG THEY ARE HOW DEEP THEY ARE.

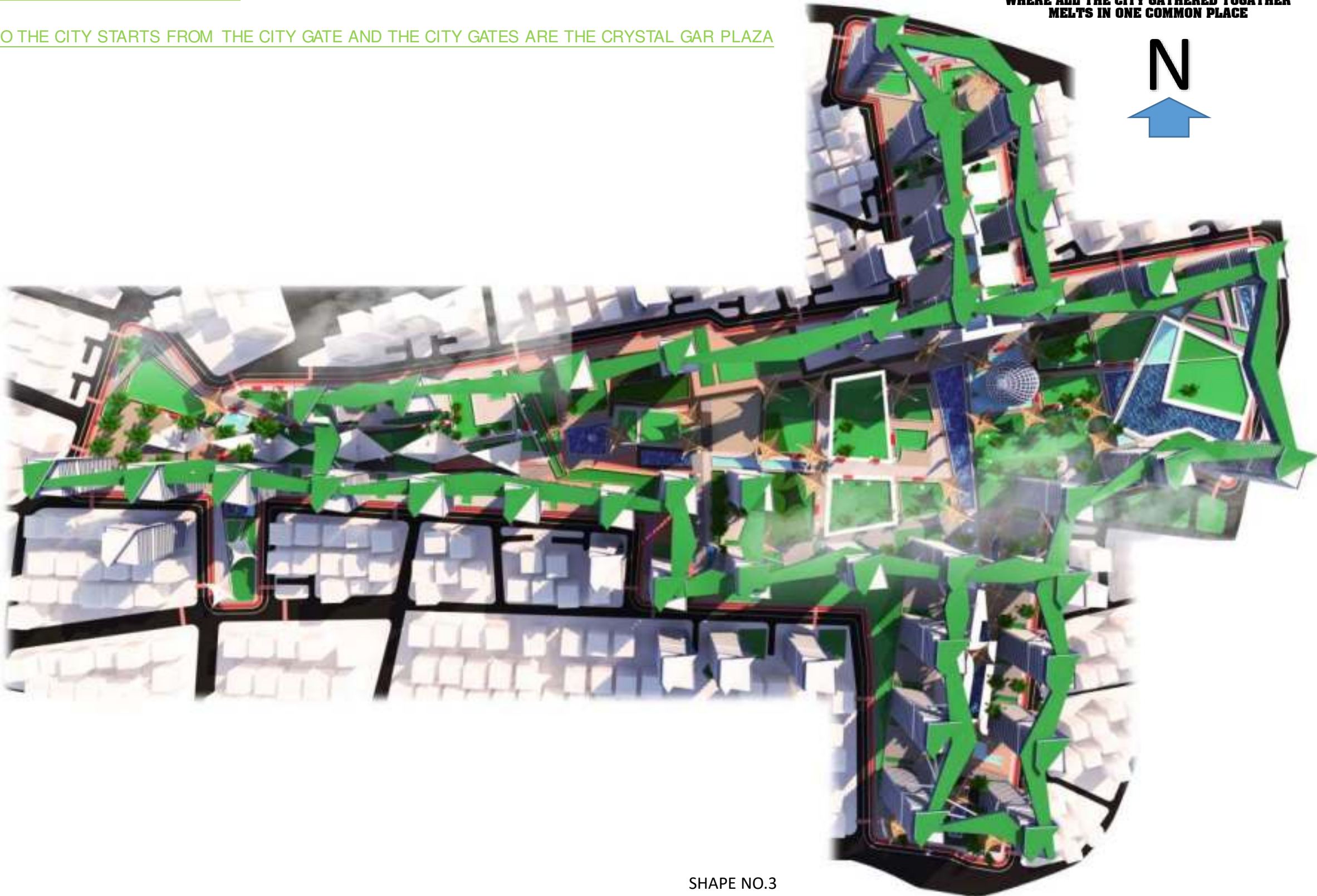
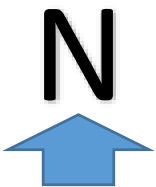
3RD THE PHILOSIPHAL CONCEPT IN THE PROJECT

THE CRYSTAL PLAZA

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MELTS IN ONE COMMON PLACE

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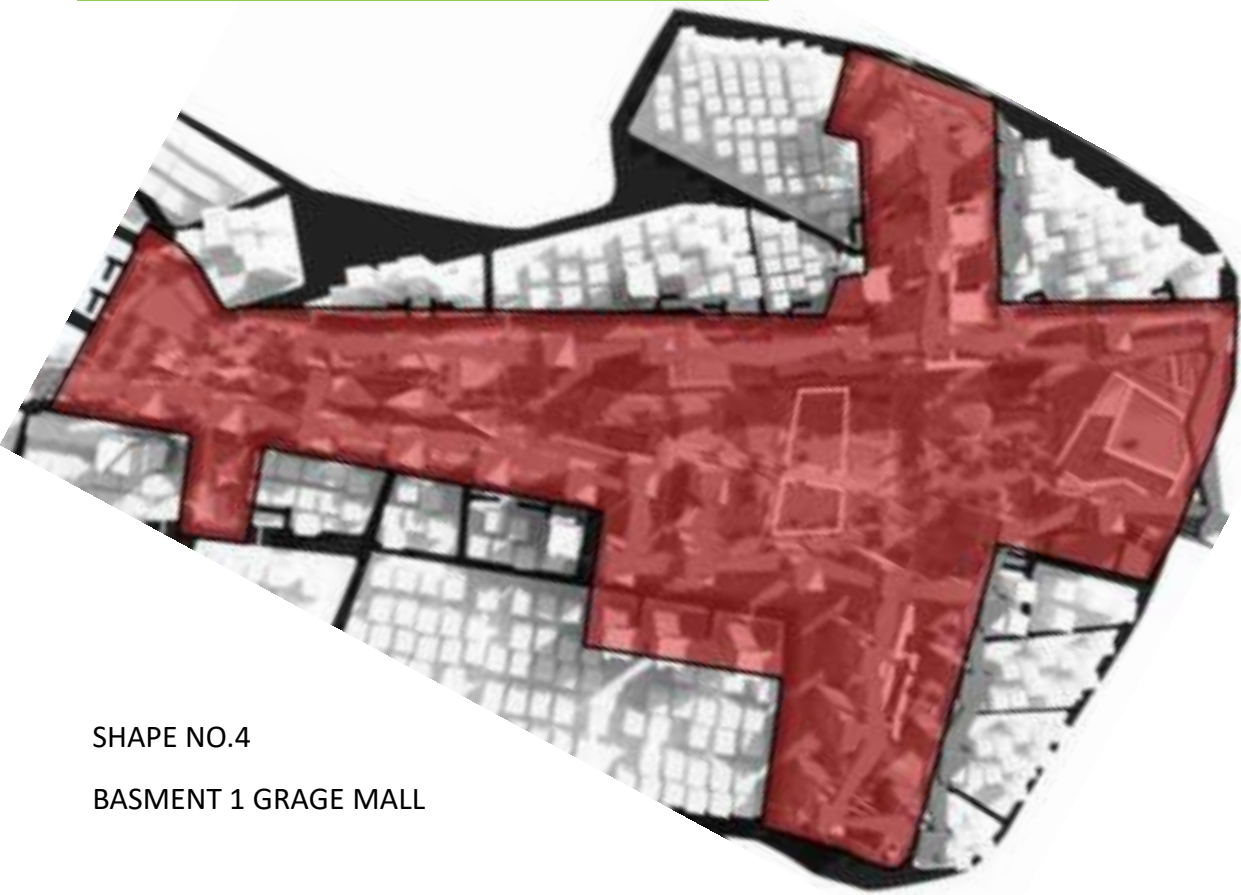
SHAPE NO.3
SITE

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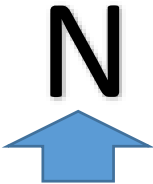
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SHAPE NO.4
BASMENT 1 GRAGE MALL



SHAPE NO.5
BASMENT 2 CAR PARKING



SHAPE NO.6,7,8
BASMENT 1 GRAGE MALL

3RD THE PHILOSIPHAL CONCEPT IN THE PROJECT

THE CRYSTAL PLAZA

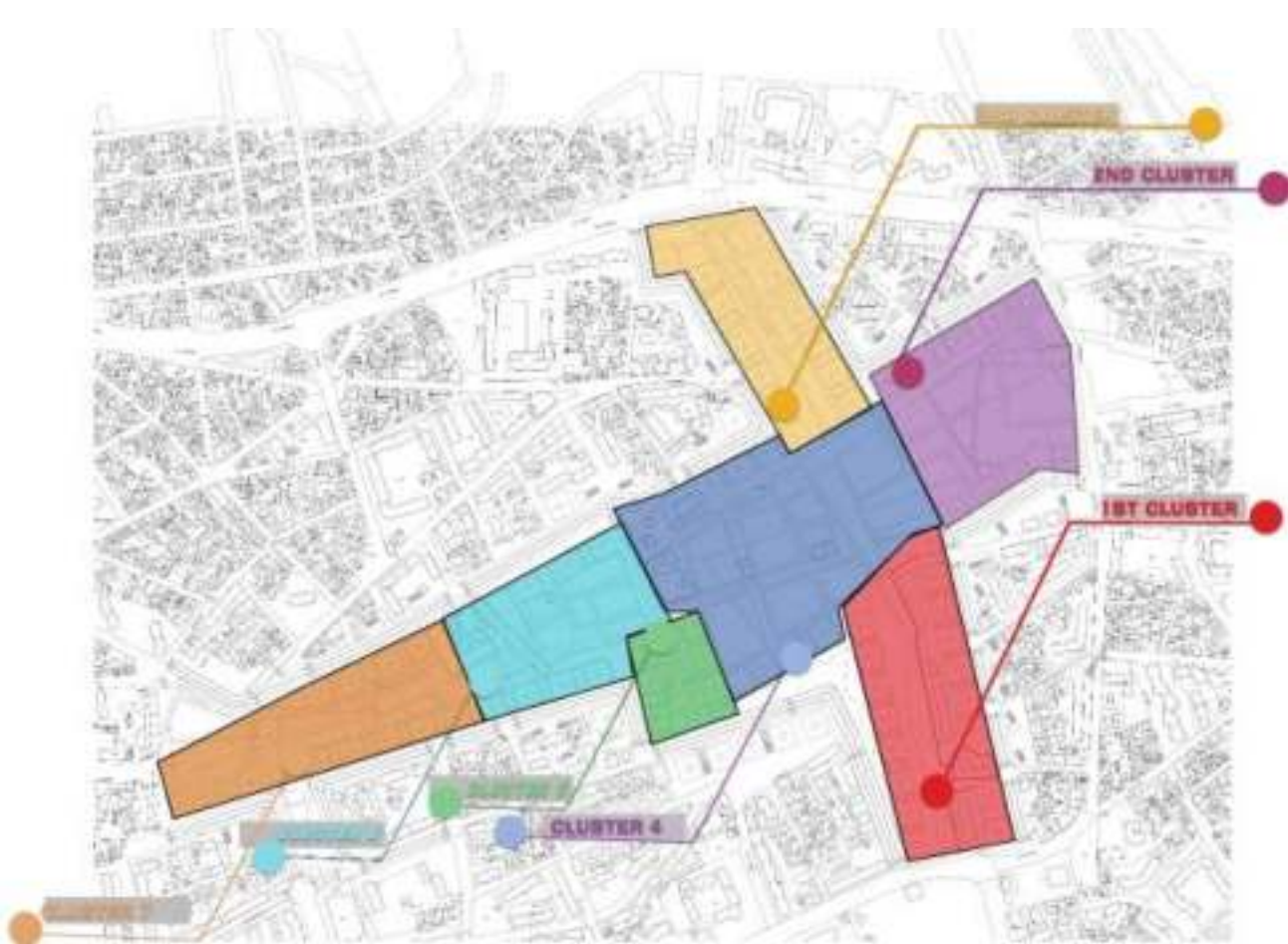
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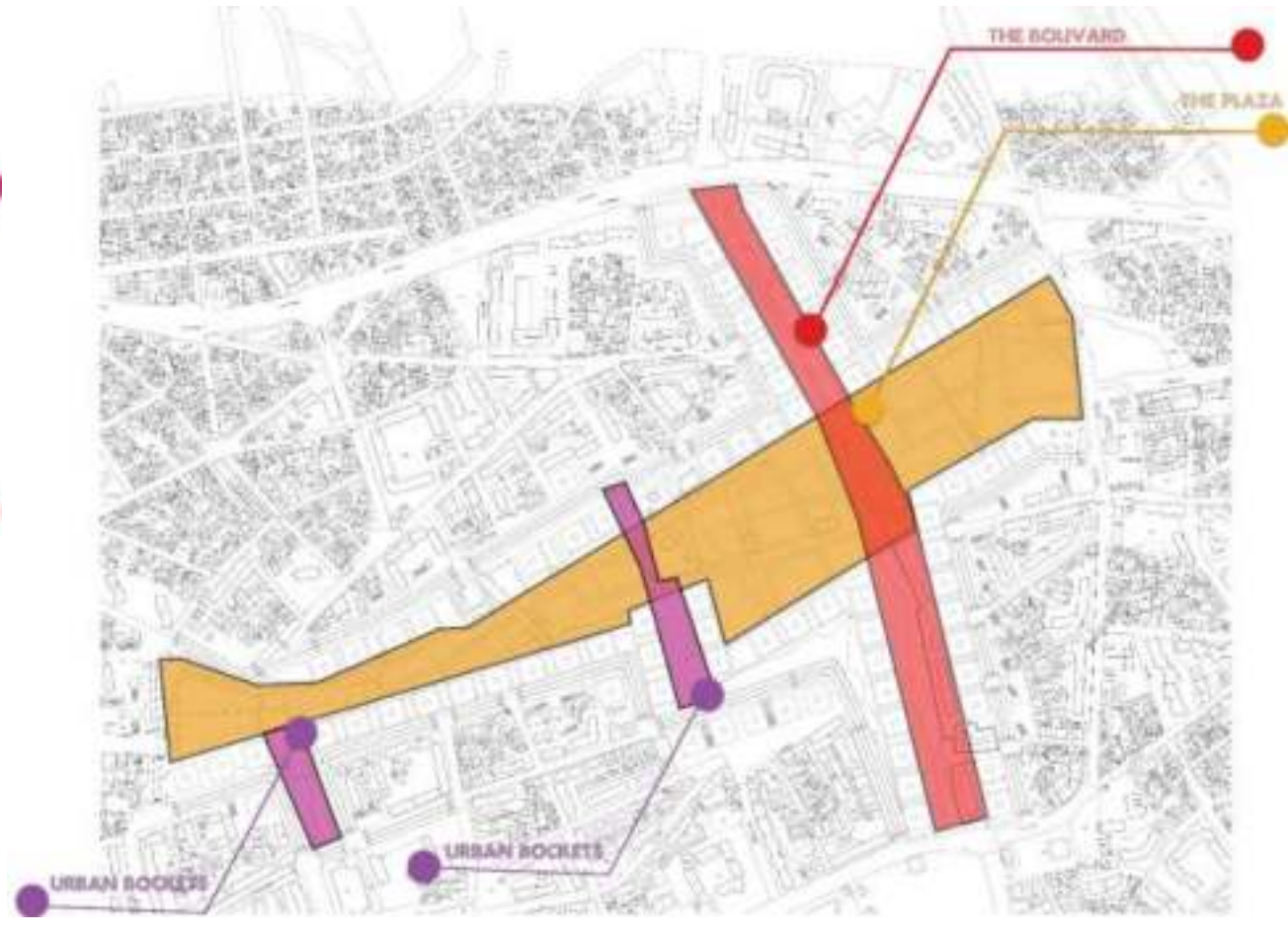
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SHAPE NO.9
CLUSTERS



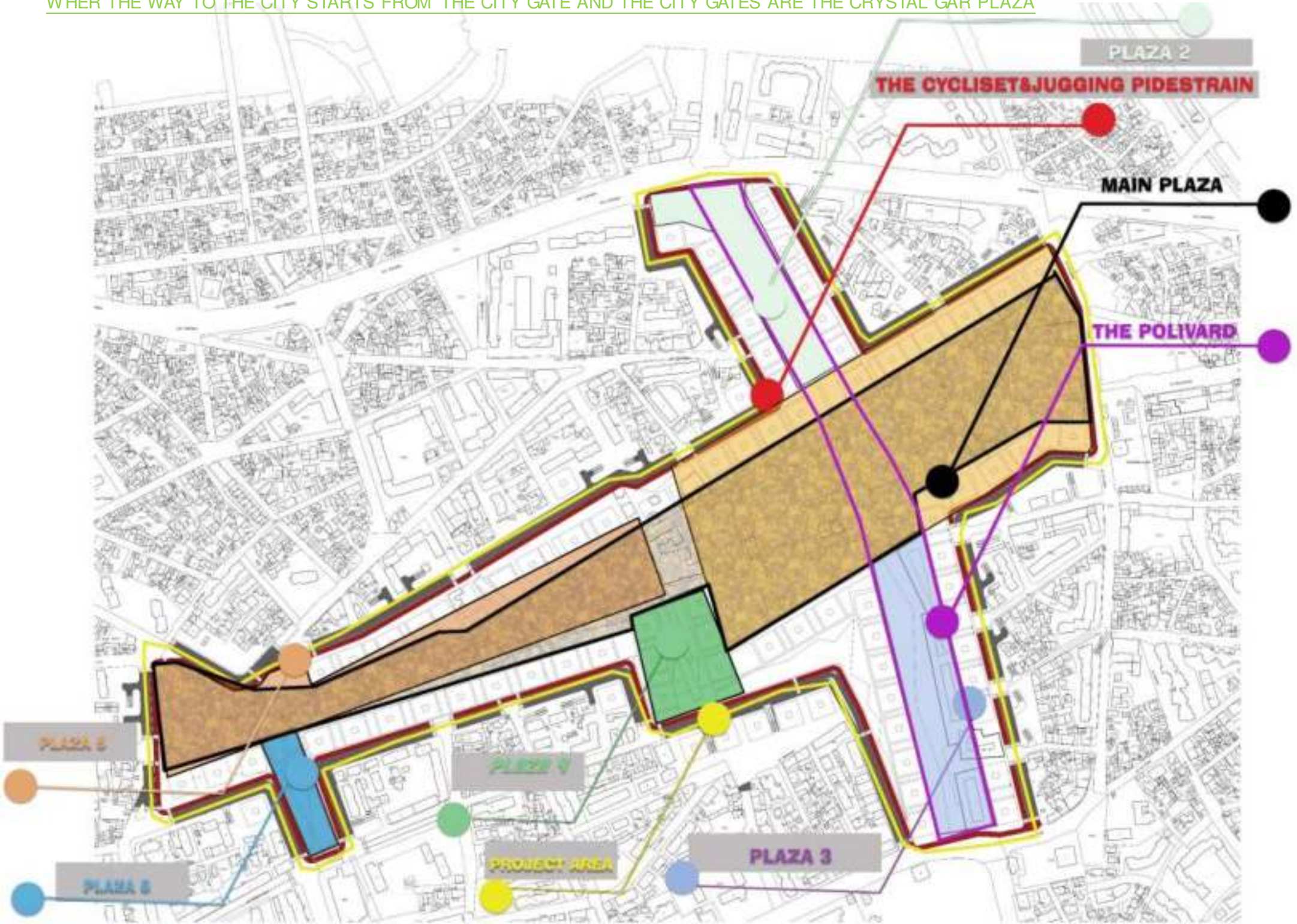
SHAPE NO.10
URBAN DIVISIONS

THE CRYSTAL PLAZA

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SHAPE NO.11

PLAZA DIVISIONS

3RD THE PHILOSOPHICAL CONCEPT IN THE PROJECT

THE CRYSTAL GAT PLAZA

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WHERE THE WAY TO THE CITY STARTS FROM THE CITY GATE AND THE CITY GATES ARE THE CRYSTAL GAT PLAZA

IN OUR VISION TO THE PLAZA WE HAVE A LOT OF HEADLINES IN OUR MIND WE WANT TO TRANSLATE IT ON THE LAND OF REALISTIC WHICH IS:

WE WANTED TO HAVE A SERIES OF PLAZAS TO BE A PLACE OF GATHERING AND DOING ACTIVITIES FOR THE RESIDENTS AND VISITORS, THE PLAZAS WILL GIVE A PANORAMIC VIEW FOR THE USER IN A VISUAL SEQUENCE ATTRACTS THE USER TO WALK FORWARD TO EXPLORE WHICH WILL GIVE AN ELEMENT OF ATTRACTION IN ORDER TO SUPPORT THE WALKABLE CONCEPT RATHER THAN THE ABOUNDED ENCLOSED CONCEPT FOR THE PLAZA ON IT'S RESIDENTS.

WE WANTED TO HAVE A VERTICAL HEIGHT NOT HORIZONTAL IN ORDER TO HAVE AN EFFICIENT CAPACITY OF RESIDENTIAL AND TO LEAVE AN ENOUGH PART OF THE PLOT FOR THE OTHER SERVICES AND ACTIVITIES.

WE MENTIONED BEFORE THE BENEFITS OF THE VERTICAL HIGHRISE BUILDINGS AND LOW RISE BUILDINGS AS IT IS THE EFFICIENT SOLUTION FOR THE PROJECT.

WE WANTED TO MAKE AN ICON FOR DOBRICH AND FOR WHOLE BALGARIA THIS WAS ANOTHER REASON TO SUPPORT THE HIGHRISE BUILDINGS PRINCIPAL IN THE PROJECT.

WE INTENDED TO HAVE THE THEME OF A PARKED PLAZA IN ORDER TO GIVE A GOOD STYLE OF LIVING FOR THOSE WHO WILL LIVE HERE

WE WANTED TO HAVE AN ATTRACTIVE ELEMENT WHICH WILL ATTRACT VISITORS FOR A LOT OF REASONS LIKE :CREATING JOBS ,MAKES THE PLACE A PLACE OF ACTIVITIES AND CRANVALIC PLACE NOT ABOUNDED OR ENCLOSED ON ITS RESIDENCE WHICH BENEFITS THE RESIDENTS ,THE NEIGHBOURS ,AND THE WHOLE CITY, THIS EXECUTED BY THE SHOW ROOMS DOWN OF BUILDINGS ,THE GRAGE MALL ,AND THE SKY MALL INSIDE WHICH IS THE SERVICES FOR THE NEIGHBOURHOOD AND THE SURROUNDS, THIS MAKES US PUT THE MALLS DOEN AND UP NEAR THE MAIN APPROACHS TO HOLD THE TICK FROM THE MIDDLE SOME PEOPLE TAKE THEIR NEEDS WITHOUT ENTERING INSIDE AND OTHERS WALK INSIDE TO ENJOY THE TRIP TO NOT OVER THE LIMITATIONS WHICH LEEDS TO CROWDS

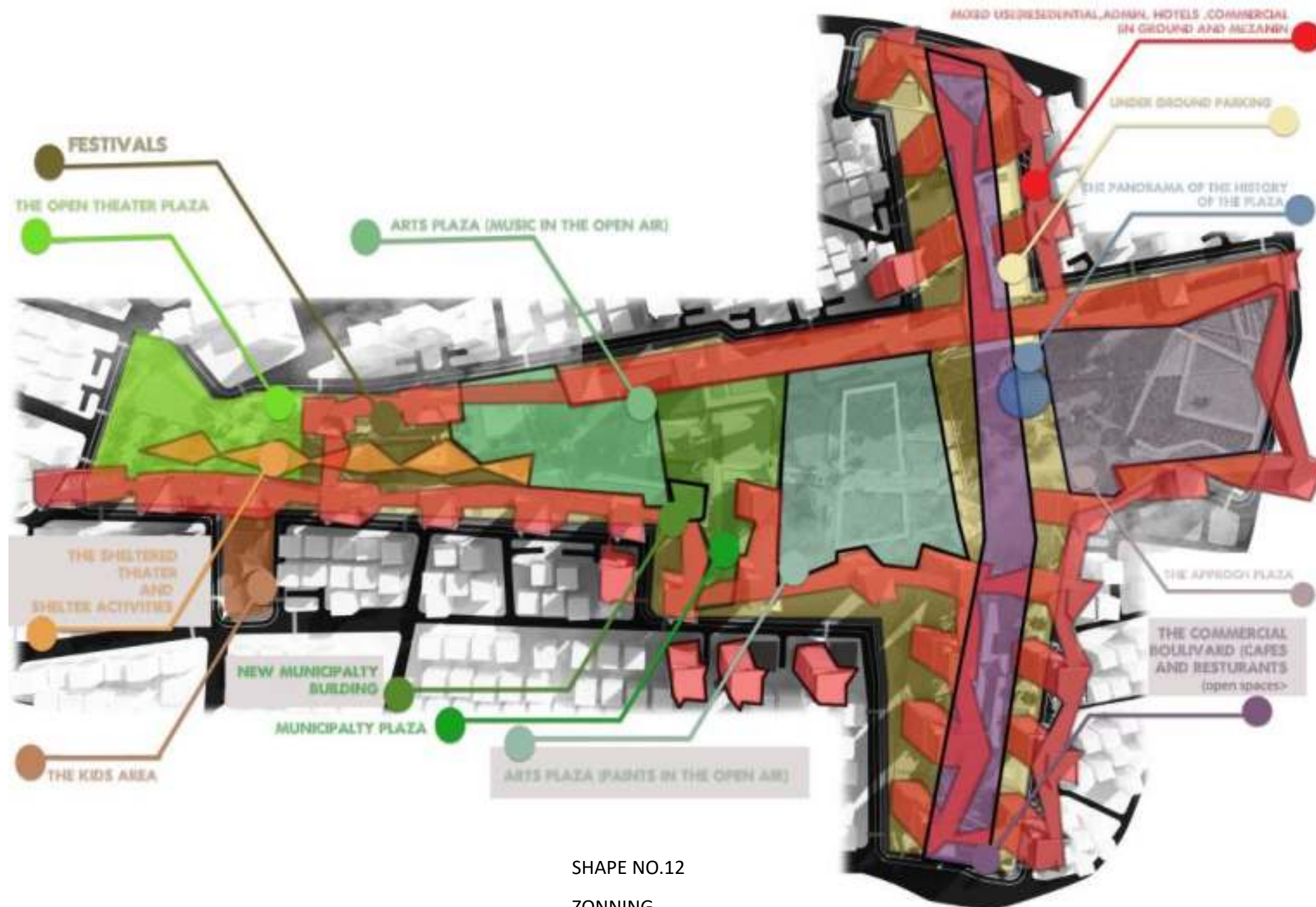
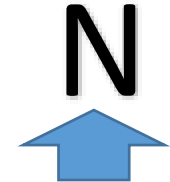
THE DESCENDING STEPS IN THE LEVELS OF THE PLOT LEEDS TO HAVE A PANORAMIC VIEW FROM THE BUILDINGS TOWARDS DOWN AND TOWARDS UP

3RD THE PHILOSOPHICAL CONCEPT IN THE PROJECT

THE USES OF THE LAND

WE DIVIDED THE USES OF THE LAND INTO THE FOLOWING:

ENTERTAINMENT, COMMERCIAL, RESIDENTIAL, ADMIN, TOURISM AND HOSPITALITY....AND RECREATIONAL
PLAZAED PARK.



SHAPE NO.12

ZONNING

3RD THE PHILOSOPHICAL CONCEPT IN THE PROJECT

THE FORM

ONE OF THE BIGGEST PROBLEMS WHICH WAS FACING THE PROJECT WHICH ALMOST AFFECTS EVERYTHING WAS THE SHAPE OF THE PLOT WHICH IS IRREGULAR, SEPARATED PARTS FROM EACH OTHER'S AS IT IS NOT COMPACTED TOGETHER, SOMETIMES IRREGULAR SHAPE BUT COMPACTED WHICH LETS YOU DEAL WITH THIS IRREGULARITY, BUT BOTH PROBLEMS GIVES YOU DIFFICULTY IN THE FORM AND PUTTING THE FUNCTION WHICH SHOULD BE TRANSLATED IN THE FORM.

IN ADDITION THE OUTER STREETS NETWORK WHICH IS NOT CONTINUES TO ESTABLISH ON IT BUT CUTE AND STOPPED IN IRREGULAR SHAPE OR ORDER WHICH EVEN GET THINGS WORTH NOT BETTER.

FROM THIS WE STARTED OUR FORM, WE TRIED TO GET THE PREVIOUS POINTS TO BE POINTS OF STRENGTH NOT POINTS OF WEAKS

1ST OF ALL WE STARTED TO GET A FORM FROM THE IRREGULAR SHAPE BY GETTING BACK TO THE PRIMITIVE SHAPES THAT CONSISTS OF THE IRREGULAR SHAPE OF THE PLOT AND THEN WE TRIED TO GET A MESH FOR THESE SHAPES AND THEN AFFECT EACH OTHER'S IN ORDER TO CONNECT EACH OTHER'S .

2ND WE STARTED TO HAVE A LOT OF MESHES IT'S PRIMITIVE ORIGIN IS THE PRIMITIVE SHAPES WHICH THE PLOT CONSISTS OF, ON THESE MESHES AND ON THESE SHAPES WE STARTED TO FIND THE SOLUTION OF THE LAND THROUGH PASSENGERS PATHS GREEN AREAS, WATER AREAS, SETTING AREAS, OPEN THEATERS, THE SHAPES OF THE MINOR PLAZAS ...ETC

THE PRIMITIVE SHAPES IS THE DOMINANT AND THE MESHES LIES BENEATH AND APPEARS AND DISAPPEARS DURING THE FULL SHAPE IN ORDER TO GET ONE HYBRID THE MESHES APPEARS AND DISAPPEARS IN BETWEEN PRIMITIVE SHAPES AFFECTS THE MESHES IN A LOT OF PLACES AND THE MESHES AFFECTS EACH OTHERS IN A LOT OF PLACES THIS IS PLUS THE EFFECT OF THE FIRST MESH PRIMITIVE SHAPES TO GET AT THE END ONE FINAL INDIVIDUAL SINGULAR SHAPE MESH FROM THIS POINT OUR PROJECT GOT READY TO BE SETTLED, THE PRIMITIVE SHAPES AND MESH REPRESENT ALL THE KINDS OF THE BULGARIAN COMMUNITY IN GENERAL AND THE MESHES REPRESENTS THE DOBRICH KINDS COMMUNITY IN SPECIAL AND THE CONNECTION BETWEEN ALL THESE MESHES AND INTERACTION BETWEEN THE SHAPES AND THE MESHES AND THE EFFECT OF THE MESHES AND SHAPES ON EACH OTHERS REPRESENTS THE SOCIAL FABRIC, THOSE MESHES ARE PLEXUSES WITH EACH OTHER BY A WAY YOU CAN'T SEPARATE THEM AND EFFECTED BY THE MESHES OF THE BUILDINGS AND THE SHAPE OF THE PLOT SITE FORM IN A WAY OF UNSEPARATED SOCIAL LAND FABRIC REPRESENTS THE NORTHERN IRISH SOCIAL FABRIC.

WE DESIGNED THE PROJECT AS MENTIONED IN URBAN STUDY AS A HIGH-RISE PROJECT AND THIS IS GOOD AND ENOUGH AND GIVES THE RESIDENTS A HEALTHY GOOD LIFE.

WE DESIGNED THE BUILDINGS WITH THE SHAPE AND THE SAME CONCEPT OF THE SITE WHICH IS ORGANIC SUSTAINABILITY WE PLANTED THE CRYSTAL BUILDINGS AND THE LEAVES WHICH CONCEPTUALIZED BY THE SKY MALL BRIDGE WHICH WE PLANTED THE ROOF WHICH GIVES THE DEEP EFFECT OF THE PLANTED BUILDINGS ON THE SITE BY PUTTING THE SEED OF THE BUILDING AND LET IT GROW UP.

WE USED THE STRIPES TERRACE IN ITS ELEVATIONS AS A CONTINUATION OF THE MESHES LINES AND A REFLECTION TO THE ELEVATED SKY MALL BRIDGE AND THE OUTLINES OF THE BUILDING IS A CONTINUITY OF THE LINES AS THERE IS SOME FORCE LET THE LINES LEFT UP TO GIVE THAT SHAPE

WE SUPPORT THE CONCEPT OF GROUPING, WE SUPPORTED THE URBAN SUPPORT OF A HIGHRISE WITH MORE URBAN ACTIVITIES AND URBAN SPACE GIVES A PLACE FOR ACTIVITIES.

3RD THE PHILOSOPHAL CONCEPT IN THE PROJECT

THE FORM

THE PLAZA

WE DESIGNED A MAIN GATHERING PLAZA AND A BULIVARD TO BE A BUSNEES HUB TO THE WHOLE CITY OF DIBROCH IN ORDER TO PUT DIBROCH ON THE MAP OF BUSNESS AND COMERC, TOURISM AND HOSPITALTY, LUXRY AND REAL STATE INVEST OF THE WORLD.

THE PLAZA IS CONSISTING OF SEVRAL PLAZAS TAKING THE VISTOR FROM ONE TO ANOTHER, WITH A MULTY ACTIVITIES ON IT, FROM CARNVAL TO FESTIVALS, FROM OPEN THEATER FOR SHOWS TO SKY DOME FOR OBSERVATION, FROM COMMERC TO BUSINESS, FROM TOURISM TO LUXRY HOTELS AND RESDNCES.

WE DESIGNED THE BOULIVARD TO BE A TOURISM WALK WAY HOLDING AN AMUSMENT ACTIVITIES.

WE DESIGNED A HUGE CYCLING AND JUGGING BEDSTRIN FOR THE CITZENS AND VISTORS OF DIBROUCH.

WE DESIGNED A PLACE NOT ONLY FOR DIBROCH BUT FOR THE WHOLE WORLD

AN ICON

IN OUR AIME FOR THE PROJECT WE WANTED IT TO BE A LAND MARK FOR DIBROCH ON THE MAP OF THE WORLD WE SUPPORTED THE CONCEPT OF THE CRYSTL BUILDINGS TO SUPPORT A HUG CRYSTALINE PLAZA WELL KNOWN TO THE WORLD

WE USID THE CONTINUSTY OF THE LINES THROUGH THE BUILDINGS AND THE PLAZA TO HAVE ONE COMMON FORM FOR THE UNITION OF THE SHAPE AND THE MEANNING

THE INSPIRATIONS

WE INSPIRED THE SHAPE FROM THE GATS OF THE OLD CITIES OF EUROPE WHER IN THE MID CENTURIES EVERY CITY HAS A BOUNDRY WALL TO DEFEND IT AND A GAT TO ENTER IT ,THE POINT HERE IS IN THE MEANNING WHER IS THE NEW CITY CENTER OF DOBRICH IS THE GATES TO THE CITY EVEN WE INSPIRED THE BRIDGES WHER IT IS THE SKY MALL TO BE LIKE THE GATES ,FROM THIS POINT WE STARTED OUR FORM WHERE THE GATES ARE REBERTHED BUT IN A NEW MODERN FORM REPRESENTS THE NEW FACE OF THE CITY WHERE THE CONTINUSITY AND THE HARMONY OF THE LINES RESHAPES THE GATES IN A CRYSTAL THEME REPRENTS THTRANSPIRANCY OF THE CITY TOWARDS IT'S PEOPLE



THE INSPIRATIONS FOR THE PROJECT FROM
THE TRADIONAL ARCHITECTURE OF BULGARIA

4TH -THE TOBOGRAPHIC STUDY FOR THE PROJECT

IT IS WELL KNOWN THAT THE LAND IS SPREADING HORIZONTALY IN A FLAT LEVEL IN GENERAL ,SOME LEVELS FROM THE START TO THE END WITH A DIFFRANCE IN LEVEL 1.2 M INCLAINNING FROM THE EAST TO THE WEST AND .75M FROM NORTH TO SOUTH

WE REFORMED THESE LEVELS INTO 4 LEVELS THE DIFRANCE IN THEM IS .30M (2 STEPS)IN ORDER TO GIVE ORDER ON THE PLOT AND IN ORDER TO REFORM THE PLOT TOWARDS THE VIEW AND TO GIVE THE PROJECT A DESCENDING ORDER TOWARDS DOWN AND THE VIEWFROM EAST TO WEST IN ORDER TO GIVE A WELCOMING AS THE LAND OPENS TO DOWEN

THESE ARE THE LIMITATIONS ON THE TOPOGRAPHY OF THE LAND WE INTENDED TO ALLOW THE MAXIMUM DAY LIGHT TO ENTER THE OUTDOOR SPACES AND THE RECREATIONAL AREAS.

WE LET A SPACE IN-BETWEEN THE URBAN FABRIC TO ALLOW THE MOVEMENT OF THE AIR IN THESE SPACES TO GIVE A GOOD VENTILATION FOR THE URBAN SPACE AND URBAN FABRIC.

THE DESCENDING ORDER WILL GIVE THE PROJECT THE FEELING OF STEP DOWN WELCOMING FEELING FROM THE APPROCH OF THE PROJECT TOWARDS THE ENDE OF THE PLOT

BY THESE LEVELS WE AIMED TO HAVE A DIFFERENT LEVELS OF BALCONIES TO ALLOW AN INCREDIBLE INTERNAL VIEW, AND TRANSFORMED THE POINT OF WEAKNESS TO A POINT OF STRENGTH IN THE PROJECT.

5TH-THE FUNCTIONAL STUDY OF THE PROJECT

WHEN WE STARTED PUTTING OUR VISION FOR THE PROJECT WE LOOKED FOR THE FUNCTIONALITY AS IT WAS NO1 FOR US AND IN THE FOLLOWING OUR ASPECTS AND DESIGN DECISIONS:

DUE TO THE ABOVE CALCULATIONS WE DESIGNED THE PROJECT AS A HIGHRISE PROJECT G+30

WE BANNED THE CAR MOVEMENT INSIDE AS ALL THE MOVEMENT INSIDE THE PROJECT EITHER WALKING AND IN THE OUTER FRAM BY CYCLING OR ELECTRIC GOLF CAR AND THE SIMILAR TO IT AND WE DID SO FOR MANY REASONS (MENTIONED IN THE URBAN STUDY)

OUR AIME FOR THE PROJECT TO BE A MIXED USE PROJECT DUE TO THE LOCATION AND THE NATURE OF THE PROJECT AND THIS NATURE DICTATES SOME ACTIVITIES TO BE DONE LIKE ENTERTAINMENT AND LESURE ,FROM THIS POINT WE DESIGNED THE PROJECT TO BE HOTEL,ADMIN,COMMERCIAL AND RESIDENTIAL .

WE REMOVED ALL THE BUILDINGS FACING THE POLIVARD AND TE PLAZA AND RE CONSTRUCTED THE HIGH RISE G+30 IN ORDER TO BE SUFFICIENT TO HOST ALL THIS FUNCTIONS

THE ENTRANCE TO THE PROJECT THROUGH AN UNDERGROUND PARKING TO PARK THE CAR AND USE THE PROJECT THROUGH STAIRS TO PROJECT PLAZA OR TO DIRECTLY TO THE BUILDINGS CORE ELEVATORS INSIDE THE PROJECT THE USAGE EITHER WALKING OR CYCLING OR ELECTRIC GOLF CAR AND THE SIMILAR TO IT

THE MAIN CONCEPT OF THE FUNCTIONALITY IS THE PLAZA AND THE BOULEVARD WHICH ARE THE MAIN SPINES OF THE PROJECT, THE PLAZA IS PART OF SEQUENCED PLAZAS WHICH FORM TOGETHER THE MAIN PLAZA.

THE AREA OF THE PROJECT CONSISTS OF KIDS AREA FESTIVALS PLAZA OPEN THEATER SHADED CEREMONIES AREAS AND THE SKY DOME

WE DESIGNED THE PROJECT WITH 4 APPROACHES 4 ARE MAIN WHICH LIES ON THE EAST AND WEST ARE LEADING TO 2 MAIN PLAZAS, AND 2 MAIN APPROACHES FROM THE BOULEVARD NORTH AND SOUTH ARE LEADING TO 2 MAIN PLAZAS EACH PLAZA OF THE 4 APPROACHES ARE LEADING TO THE MAIN PLAZA TO BE PART OF IT CAN LEAD TO THE SERVICES HUBS WITH 2 MALLS IN IT TO SERVE AND COVER THE WHOLE AREA.

THE FUNCTIONAL SEQUENCE IN THE PROJECT THE CIRCULATION PATH PASSES FROM A MAIN PLAZA TO ANOTHER MAIN PLAZA THROUGH A SECONDARY PLAZA IN A SEQUENCE ALLOWS THE FLOW OF PEOPLE AND THE FLOW OF THE VISUAL SEQUENCE CONSISTING TOGETHER THE MAIN PLAZA AND THE BOULEVARD.

5TH-THE FUNCTIONAL STUDY OF THE PROJECT

WE DESIGNED THE PROJECT WITH THE OLD CONCEPT WHICH IS THE COMMERCIAL STREETS, WE KNOW THAT THIS IS AN OLD CONCEPT BUT WE HAVE OUR REASONS AND THEY ARE THE FOLLOWING

A-WE WANTED TO GIVE SOME SIMILARITIES BETWEEN THE OLD CITY AND THE NEW PLAZA TO GET INTEGRATION IN THE CONCEPT AND THE HIDDEN LINES IN THE MIND OF THE USER.

B-WE INTENDED THE PROJECT TO BE AN OPEN WALKABLE AREA FROM THE RESIDENTS AND THE VISITORS AND IN ORDER TO DO SO WE NEED AN ELEMENT OF ATTRACTION TO CATCH THE EYE OF THE USER TO KEEP WALKING AND THIS IS AN ELEMENT OF THEM.

C-THE COMMERCIAL ACTIVITY IN THE SHOW ROOM WILL KEEP THE INTERNAL INDIVIDUAL SECURITY BY KEEPING A LOT OF VISITORS IN THE STREET WHICH KEEP THE SECURITY.(MENTIONED IN DETAILS IN THE SECURITY STUDY)

D-ALSO IT IS A WAY A FUNDING THE ESTABLISHMENT AND CONSTRUCTION OF THE PROJECT BY GIVING A CASH FLOW THROUGH SELLING THE RIGHT OF USE OF THESE SHOPS (MENTIONED IN DETAILS IN THE ECONOMIC STUDY)

WE DESIGNED IN THE FUNCTIONALITY TO HAVE SKY MALL WHICH IS THE LINKS BETWEEN THE BUILDINGS AROUND THE PLAZA IN ORDER TO HAVE A MAGNIFICENT VISIT TO THE PLAZA, IT WILL CONTAIN COMMERCIAL, ENTERTAINMENT AND LEISURE

WE DESIGNED A PEDISTRIAN THROUGH THE CIRCUMFERENCE OF THE PROJECT TO BE LIKE A BALCONY OR TERRACE TO ENJOY THE VIEW AND SETTING AND EXPLORING THE PROJECT.

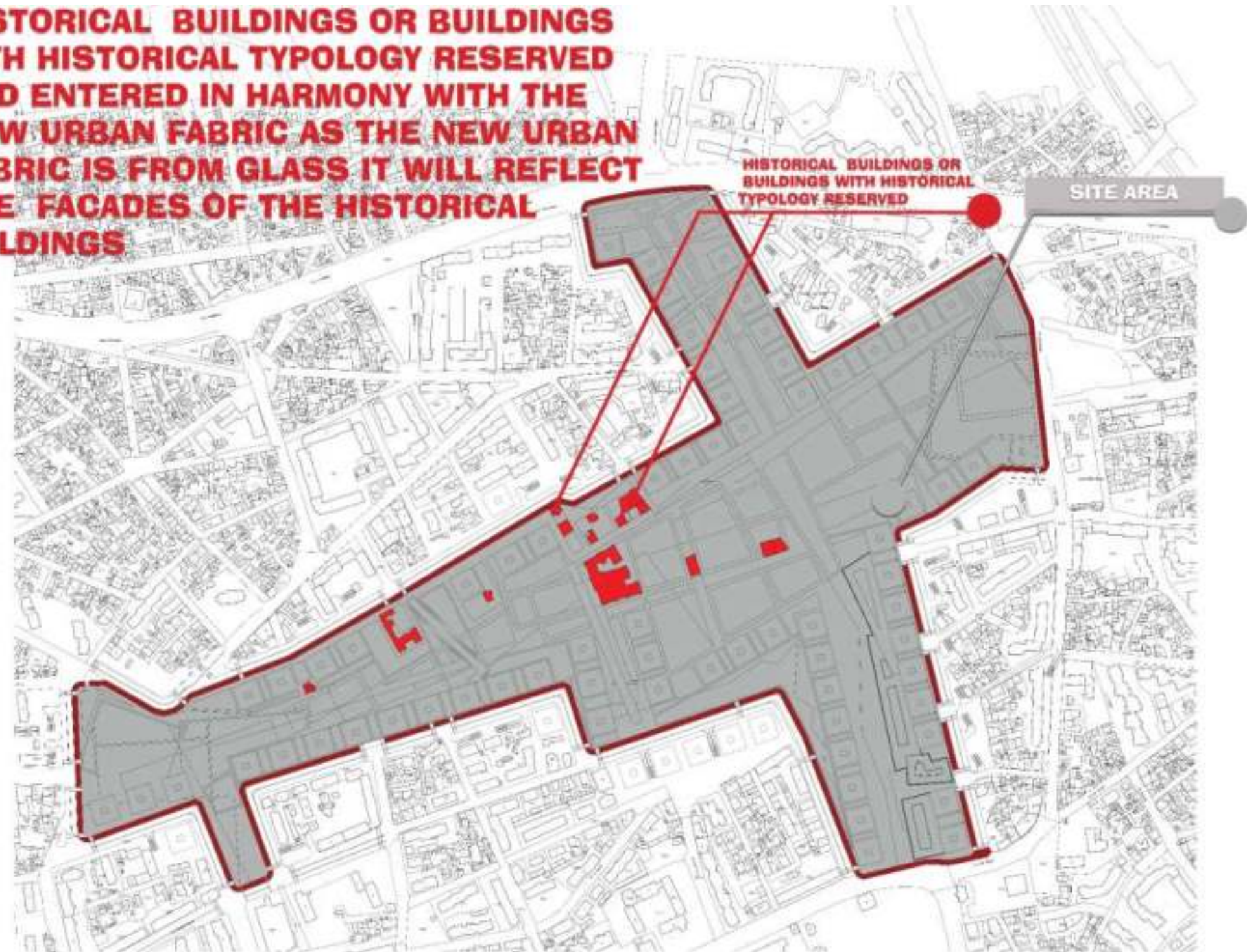
WE DESIGNED A WATER ELEMENTS THROUGH THE FOUNTAINS TO BE A NATURAL RESERVOIR FOR WATER AND AN INTERNAL VIEW AND TO DO THE ACTIVITIES OF FISHING AND DESALINATION AND RECYCLING OF WATER (MENTIONED IN DETAILS IN SUSTAINABILITY)

5TH-THE FUNCTIONAL STUDY OF THE PROJECT



5TH-THE FUNCTIONAL STUDY OF THE PROJECT

**HISTORICAL BUILDINGS OR BUILDINGS
WITH HISTORICAL TYPOLOGY RESERVED
AND ENTERED IN HARMONY WITH THE
NEW URBAN FABRIC AS THE NEW URBAN
FABRIC IS FROM GLASS IT WILL REFLECT
THE FACADES OF THE HISTORICAL
BUILDINGS**



6TH-THE SITE ANALYSIS

IN LOOKING CLOSER TO THE SITE ANALYSIS WE FIND THAT THE NORTH IS UP AND THIS LEADS US TO DIRECT ALL THE PLAZAS TOWARDS THE NORTH TO HAVE A GOOD VENTILATION AND GOOD NATURAL LIGHTING ALL THE PATHS ARE DIRECTED FROM SOUTH TO NORTH FOR THE GIVEN REASONS.

ALL THE UNITS ARE DIRECTED TOWARDS THE PLAZAS AND THE BOULEVARD WHICH IS DIRECTED TOWARDS THE NORTH FOR THE ABOVE MENTIONED REASONS.

ALL THE RESIDENTIAL UNITS HAVE AN OPENING IN THE NORTH DIRECTION THE DAILY ACTIVITIES TO HAVE GOOD NATURAL LIGHTING.

ALL THE PLAZAS AND THE BOULEVARD HAVE A WAY TOWARDS EAST OR WEST FOR THE LIGHTING

THE MAIN PLAZA HAVE A DIRECTION TOWARDS THE EAST TO THE WEST AND HAVE A LOT OF WAYS TOWARDS THE NORTH FOR DAILY NATURAL LIGHTING

THE BOULEVARD IS OPPOSITE HAVE A DIRECTION TOWARDS THE NORTH TO THE SOUTH AND HAVE A LOT OF WAYS TOWARDS THE EAST AND THE WEST FOR DAILY NATURAL LIGHTING

FOR THE SOUTH AND DUE TO THE BAD LIGHTING IN A PART OF THE DAY WE DIRECTED A SECONDARY OPENINGS IN ORDER TO COLLECT LIGHTING AS AN ADDITION BUT NOT ESSENTIAL ALSO WE BUT THE UNNECESSARY NEEDS OF NATURAL LIGHTING AND VENTILATIONS ON IT .

AND AS FOR THE SOUTH OF THE PLAZA THE SHADOWS OF THE BUILDINGS WILL WORK OUT TO REDUCE THE UNBELOVED LIGHTING, ALSO THE TREES WILL ACT AS A NATURAL SHADOWS PROVIDERS TO SUPPORT THE SAME CONCEPT

IN THE ABOVE WE ARE SPEAKING ON AN ORDINARY GOOD SUNNY DAY.

BUT WHAT ABOUT A CLOUDY FOGGY DAY IN THE FOLLOWING THE SCENARIO:

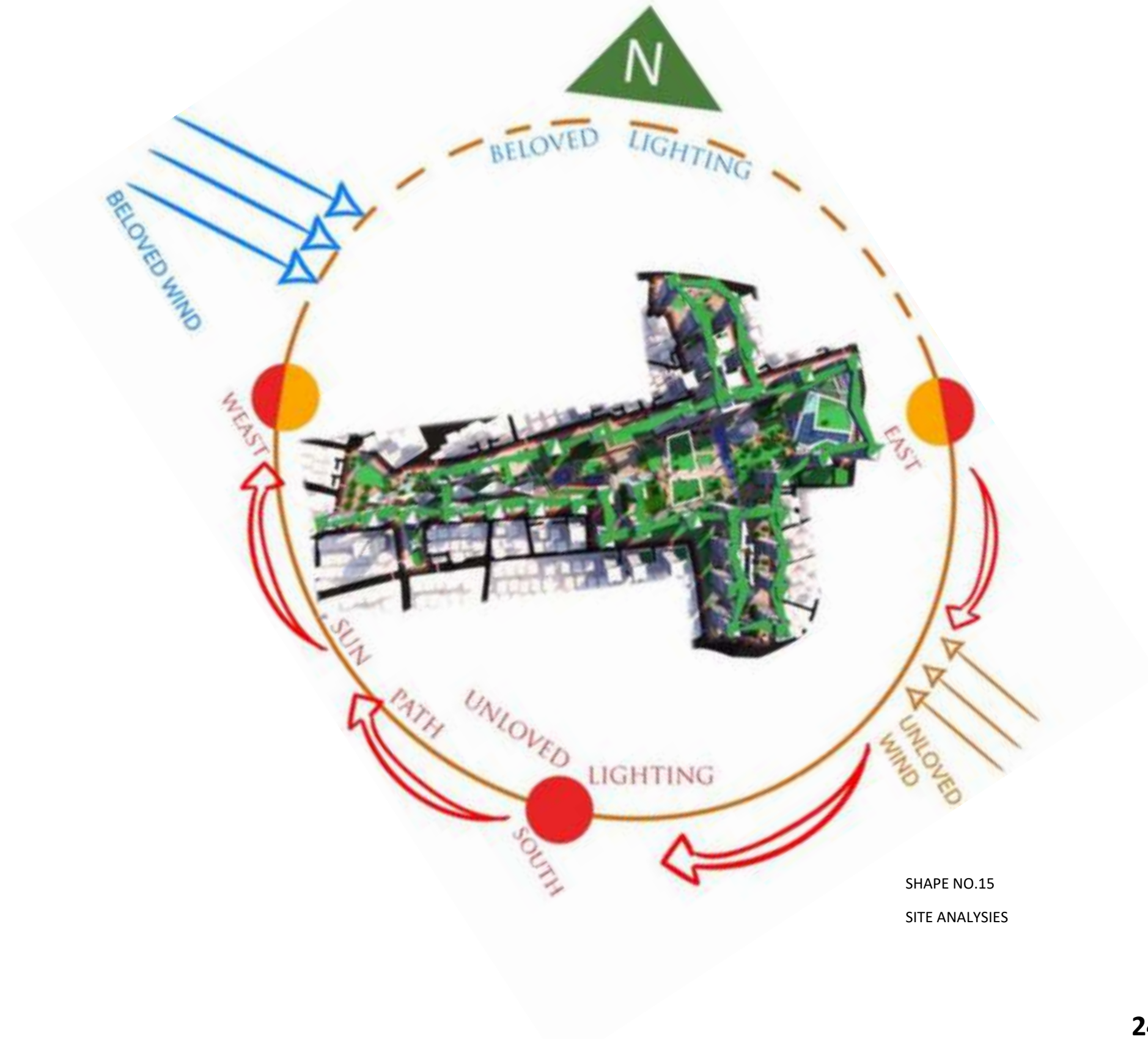
THE NORTH AND EAST WEST ARE WIDE FULL WALL OPENINGS IN ORDER TO COLLECT THE MAXIMUM LIGHTING IN WINTER MAXIMUM NATURAL VENTILATION IN SUMMER.

FOR THE SOUTH IT WILL ACT AS AN ADDITION TO MAXIMIZE NATURAL LIGHTING IN WINTER AND NATURAL VENTILATION IN SUMMER

THE PLAZA AND THE BOULEVARD HAVE A LOT OF WAYS TOWARDS THE FOUR DIRECTIONS TO SUPPORT ENTERING THE NATURAL LIGHTING

THE GREEN COVERAGE OF THE TREES AND PALMS AND SHADES WILL SUPPORT THAT CONCEPT

6TH-THE SITE ANALYSIS



SHAPE NO.15

SITE ANALYSIES

7TH-THE URBAN STUDY

WE DESIGNED THE URBAN OF THE PROJECTS ACCORDING TO SOME ASPECTS WE BELIEVE IT'S VERY ESSENTIAL TO THE PROJECT AND WE HAVE OUR REASONS IN IT AND IN THE FOLLOWING WE WILL SHOW IT:

WE DESIGNED A WALKABLE PROJECT NO PLACE IN IT FOR THE CARS TO BE A HEALTHY SAFE PROJECT WE DIDN'T NEGLECT THE CAR BUT THE USE OF THE CAR IS FROM AND TO THE PROJECT AND AROUND IT ,BUT INSIDE THE PROJECT EITHER WALKING OR CYCLING OR ELECTRIC GOLF CAR AND THE SIMILAR TO IT IN ORDER TO KEEP THE ENJOYMENT AND THE RECREATIONALLY INSIDE AND THE VISUAL ENJOYMENT INSIDE FOR BOTH THE VISITOR AND THE RESIDENT.

WE DESIGNED AN ACCESSIBLE AND UN ACCESSIBLE PROJECT, ACCESSIBLE IS UNDERSTOOD AS IT IS ACCESSIBLE FROM THE VISITORS AS IT IS OPEN AND UN ACCESSIBLE AS THE ACCESSIBILITY IS CONTROLLED FROM THE APPROACHES OF THE BUILDINGS ONLY TO CONTROL AND SECURE THE WHOLE PROJECT, THIS IS THE SAME CONCEPT IF WE REPLACED THE APPROACHES WITH STREETS ENTRANCES, WE USED THE FUNCTION AND THE OPERATION BUT WE CHANGED THE SHAPE AND THE PERFORMANCE

THE ACCESSIBILITY LEADS TO THE INTEGRATION WITH THE SURROUNDS AND MELTS WITH THE SURROUND URBAN WITHOUT LOSING ITS IDENTITY, INTEGRATION AND MELTING IN THE CORE AND THE CONCEPT BUT SINGULARITY IN THE SHAPE AND THE PRINCIPLE

WE DESIGNED THE URBAN ACTIVITY AS A RESIDENTIAL COMMERCIAL AND WE KNOW THAT THIS IS AN OLD CONCEPT BUT WE WANTED TO GET THE SPIRIT OF THE HERITEGHOUSE URBAN WHICH WE INSPIRED THE CONCEPT FROM IT AND WE DEVELOPED IT AND THIS FOR SO MANY REASONS:

1-TO MAKE THE PROJECT AS ONE BIG MIXED USE MALL WHICH GIVES A TASTE AND A SPRITE FOR THE PROJECT.

2- GIVES A TOUCH FOR THE PROJECT AS IT IS LARGER THAN LIFE AND ALWAYS HAVE LIFE AS THE COMMERCIAL ACTIVITY IS ATTRACTIVE FOR THE RESIDENTS.

3-SELF SECURITY BY THE CROWDS 24 HOURS 7 DAYS A WEEK

4-THE PATH FOR THE WALKING AND SHOPPING IS SEPARATED FROM THE PATH OF THE CYCLING AND JUGGING WHICH MEANS IT DOESN'T HAVE ANY EFFECT ON THE OTHER ACTIVITIES.

5-OPPENS JOBS FOR THE RESIDENTS AND IVESTESMENT WHICH DECREASE THE POLLUTION INCREASES THE INCOME FOR THE PROHECT

6- A WAY OF FUNDING THE CONSTRUCTION OF THE PROJECT AS THE SHOPS WILL BE SELLED AND THEN RENTED WHICH HELPS IN FUNDING THE CONSTRUCTION OF THE 30 FLOORS ABOVE

7TH-THE URBAN STUDY

WE DESIGNED THE PROJECT CONSISTS OF PLAZAS, AN APPROACH PLAZA TAKES THE USER THROUGH THE SECONDARY PLAZA INTO A MAIN PLAZA WHICH ALL THIS PLAZAS GATHERED TOGETHER CONSISTING THE MAIN PLAZA WITH ALL THE ACTIVITIES IN CAN BE A PLACE FOR ACTIVITIES FOR THE RESIDENTS AND VISITORS

IT IS NOT ONLY A PAVED PLAZA BUT A GREEN PLAZA OR SMALL PARK WHICH ADDS A VALUE TO THE PLACE AND THE ENVIRONMENT AND THE URBAN FABRIC OF THE WHOLE CITY

IN OTHER WORDS WE DIDN'T DESIGN AN ORDINARY NEIGHBOURHOOD PLAZA, WE DESIGNED A PARKA PLAZAA PLACE FOR GATHERING THE WHOLE CITY AND A LUNG FOR A WHOLE CITY TO GET ITS BREATH FROM IT, TO DO ITS ACTIVITY FROM IT TO GIVE A HAND FOR THOSE WHO HAVE NO SHELTER

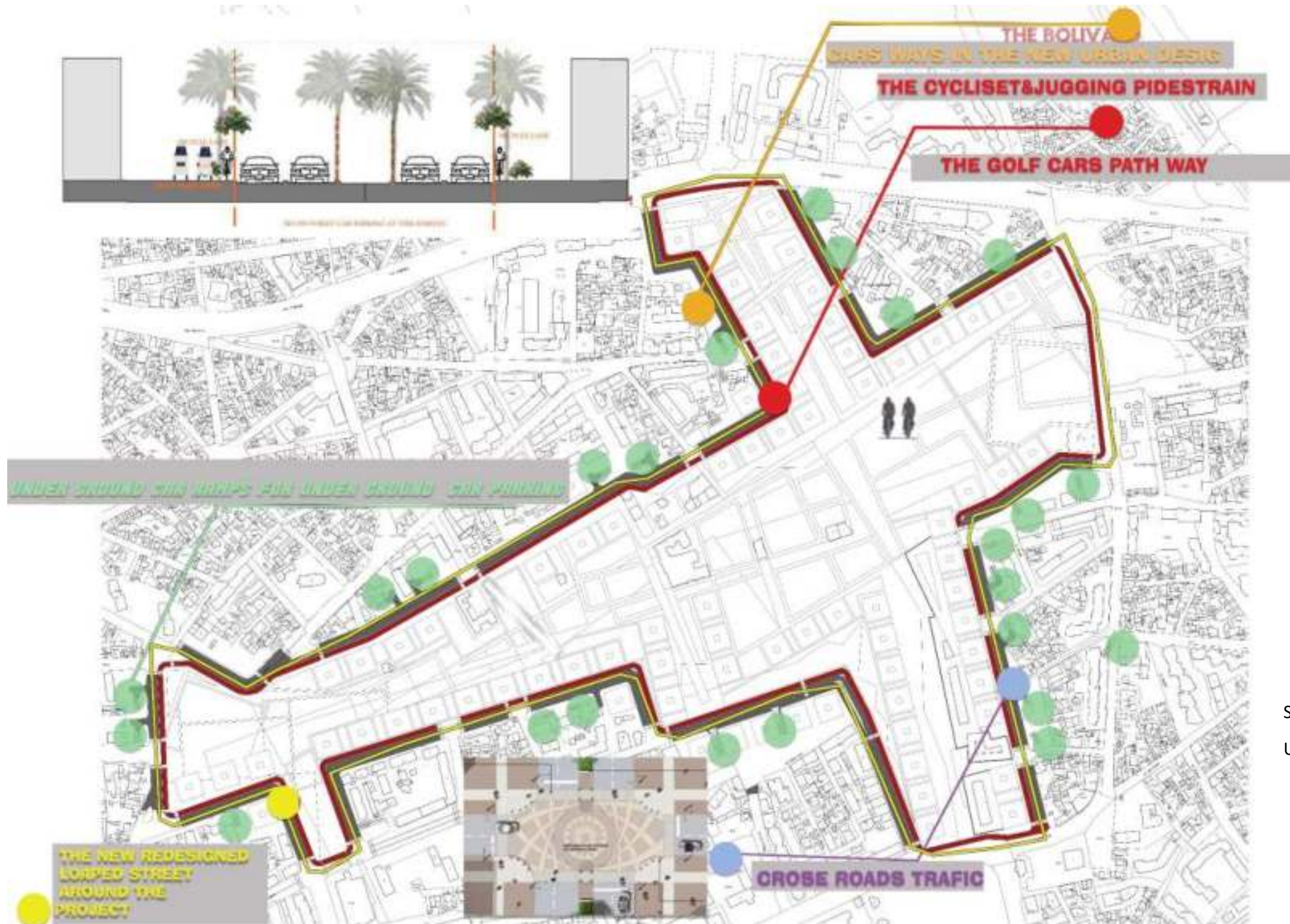
THE CLUSTERS WE DIVIDED THE PROJECT AS A CLUSTER CONTAINED IN A NEIGHBOURHOOD INTO 7 CLUSTERS WITH A CONFIGURATION OF 2 ESSENTIAL CLUSTERS OF THE APPROACH (THE BOULIVARD CLUSTERS) WITH THE SERVICES IN IT (MALL, APPROACH, PLAZAS,...ETC.) AND 1 MAIN CLUSTER MOST EAST APPROACH CLUSTER WITH SERVICES IN IT (SKY DOME, GATHERING PLAZAETC) AND 2 SECONDARY CLUSTERS IN THE WEST WINGS OF THE PROJECT WITH A LESS SERVICES (SECONDARY APPROCH, PLAZAS,...ETC.) AND THEY ARE LESS IN SIZES ALSO AND LESS IN REPRESENTATION BY THE VOLUME ,AND ONE MAIN CLUSTER BIG IN SIZE BIG IN SERVICES TO ACT AS A CONNECTION BETWEEN THE TWO WINGS OF THE PROJECT IN AN ATTEMPT TO OVERCOME THE IRREGULAR SHAPE OF THE PLOT WHICH MAKE BANES TO THE CONNECTION AND THE FUNCTION OF THE PROJECT.

AND TWO EAST CLUSTERS CONTINUES THE SHAPE AND THE SERVICES (OPEN THEATER, MAIN PLAZAS, ...ETC.)

THE MAIN CLUSTER IS SINGULAR BY THE VOLUME SINGULAR BY THE SHAPE SINGULAR BY THE ROLE WHICH LEADS ALL THE WAYS TO IT MOST OF THE ACTIVITIES IN IT THE MAIN THEME IN IT THE MAIN CAPACITY IN IT.

ALSO THE ABOVE DIVISION IS THE FORCED DIVISION DUE TO THE SHAPE AND THE ASPECTS OF THE PLOT AND THE DEMANDS OF THE PROJECT AND IT IS THE BEST WAY TO MAKE THE PROJECT EFFICIENT IN THE FUNCTION OF IT AND TO DO ITS ROLE IN EFFICIENT WAY

7TH-THE URBAN STUDY



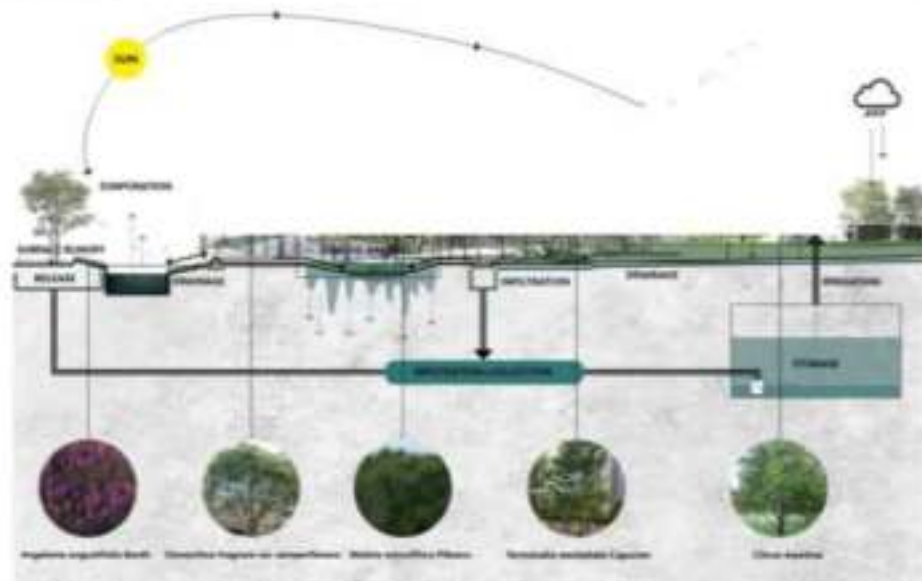
SHAPE NO.16

URBAN DIGRAM

A-THE SPUNG PLAZA

SPONGE CITY AND PLANT ANALYSIS

historical center of the city



DEVELOPMENT PRICES

Category	Price
1. WATER MAINS	1.00
2. WATER MAINS	1.00
3. WATER MAINS	1.00
4. WATER MAINS	1.00
5. WATER MAINS	1.00
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100. WATER MAINS	1.00



7TH-THE URBAN STUDY

B-THE LAND SCAPING STUDY

THE LAND SCAPING STUDY WILL SHOW THE AIM OF THE LAND SCAPE IN THE PROJECT AND IN THE FOLLOWING THE STUDY:

OUR AIMED FOR THE LANDSCAPING IS TO ESTABLISH A PLAZED PARK TO BE A PART FROM THE NATURE MADE BY HUMANS EFFICIENT IN ITS FUNCTIONALITY

FROM THIS PHRASE WE STARTED OUR PROJECT WE STARTED LOOKING TO THE SITE WITH ITS IRREGULAR SHAPE,

A-WE STARTED TO DESIGN A WATER FOUNTAINS IN THE MID OF THE PLOT PENETRATING IT CONNECTING IT WITH EACH OTHER THE WATER FOUNTAINS WILL HAVE A FUNCTION TO BE A NATURAL RESERVE FOR THE RAIN WATER AND A NATURAL RECYCLED WATER WHICH WILL BE TREATED NATURALLY (MENTIONED IN THE SECTION OF RECYCLED WATER IN DETAILS) WE AIM TO HAVE NATURAL MARINE LIFE IN IT FROM THE REVERS OF SOFIA FOR THE ENVIRONMENTAL BALANCE, ENVIRONMENTAL INTEGRATION AND FOR THE HUMAN HEALTH.

ALSO THE WTER DANCING FOUNTAINS WILL HAVE A FUNCTIONAL ROLLS FOR THE FISHING RIVER SPORTS AND PUBLIC VIEW, AND TO HAVE A BEAUTIFUL INTERNAL VIEW.

B-WE THEN REACHED THE GREEN COVERAGE WE USED TO KINDS OF GRIDS THE PERPENDICULAR GRID AND THE CURVED GRID AND THEY BOTH HAVE A MEANING (MENTIONED IN DETAILS IN THE CONCEPTUAL STUDY) THOSE BOTH GRIDS ARE PLEXUSES WITH EACH OTHER BY A WAY YOU CANT SEPARATE THEM AND EFFECTED BY THE MESHES OF THE BUILDINGS AND THE SHAPE OF THE PLOT SITE FORM, THIS GIVES AN INTEGRATION BETWEEN THE PROJECT SITES AND CORNERS AS THIS WAS ONE OF THE MAIN PROBLEMS IN THE PROJECT TO BECOME A POINT OF STRENGTH

IN BETWEEN THE GREEN COVERAGE STARTED TO BE CREATED GRADUALLY WE USED A NATURAL PLANTS FROM THE SURROUND ENVIRONMENT TO MATCH WITH NATURE TO HAVE A CARPET FROM THE GRASS INCLUDE A HIGH BIG LEAVES FOR THE SHADOWS IN SUMMER AND A SHELTER IN WINTER .

C-WE THEN REACHED TO 2ND PART OF THE FORM THE WALKERS PATHS WHICH IS REFORMED FROM THE UNITY AND INTEGRATION OF TH TWO MESHES MENTIONED ABOVE , THOSE MESHES HAVE ALLOT OF PROPOSES :

1-TO CONNECT THE CORNERS OF THE PROJECT WITH EACH OTHER'S

2-TO FACILITATE THE TRANSPORTATION THROUGH THE PROJECT AND BETWEEN ITS PARTS.

3- TO CREATE A PUBLIC SPACE FOR THE PUBLIC ACTIVITIES LIKE JUGGING, CYCLING, WALKINGETC.

4-TO FACILITATE THE SECONDARY PURPOSE WHICH IS A COMMERCIAL WALK PATH.

5-TO CREATE A SUSBENSABLE PATH ATTRACTS THE USER TO EXPLORE THE PROJECT WHICH IS MOSTLY THE VISITOR, AND TO KILL THE BORING BY THE CONTINUITY IN THE PROJECT, AND BY LIVING IN THE SITE WHICH ALWAYS HAPPENS AS THE YEARS GO FORWARD AND BY THE TIME PASSING.

D-THE PLAZAS WHICH REPRESENTS THE CONTAINED SHAPE WHICH CONTAINS ALL THE ABOVE WHICH ACTS AS A GATHERING AREA AND AN OPEN SPACE TO CONTAIN THE ACTIVITIES IN THE PROJECT AND CONTAIN EVERY CLUSTER

**THE TECHNICAL REPORT OF THE
COMPETION OF DESIGNNING THE STRATIGIC
PLAN OFTHE COMPETION OF DESIGNNING THE
CENTER OF THE CENTRAL OF DOBRICH**

APLACE TO GATHER TO GATHER (THE CRISTAL PLAZA)

**CRYSTAL BUILDINGS PLANTED IN THE PLAZA
WHERE ALL THE CITY GATHERED TOGATHER
MELTS IN ONE COMMON PLACE**

SHAPE NO.10

7TH-THE URBAN STUDY

B-THE LAND SCAPING STUDY

1-THE LEVELS OF THE LAND

WE USED THE FLAT HORIZONTAL LAND SURFACE IN THE PROJECT TO GIVE THE FEELING OF LEVELS OF A HORIZONTAL PLAZA WE USED THE 1.2 DIFRANCE IN LEVELS TOWARDS THE WEST TO GIVE A DOWEN LEVELS WELCOMING THE VISTORS THROUGH REFORMING THE SHAPE OF THE LAND BY MAKING FOR LEVELS EACH LEVEL IS .3 M,ALSO WE USED THE LEVELS IN THE FROM NORTH TO SOUTH WHICH IS .9 M TO FOR THE SAME REASONS ABOVE TO SUPPORT THE CONCEPT OF THE OPEN PLAZA CONCEPT IN THE PROJECT

2-THE TREES COVERAGE IN THE PROJECT

WE DESIGNED A TREE COVERAGE TO BE A NATURAL BAN FOR THE WIND TO REDUCE ITS VELOCITY IN THE WINTER AND AS A NATURAL FILTER IN THE SUMMER.

THE AIM OF THESE TREE COVERAGE IS TO SERVE AS A NATURAL FENCE AND TO ADD THE AREA USED AS A SHELTER IN WINTER AND SHADOWS AND FILTRATION IN SUMMER FROM PARTICLES AND DUST IN SUMMER

3-THE WATER ELEMENTS AND SEA AND LAND BREASE PHENOMENA

WE USED THE WATER ELEMENTS IN THE PROJECT FOR 2 REASONS

A- AS A SHAPE AND TO WORK AS A RELAXING ELEMENT

B-AS A SEA BREASE PHENOMENA WHICH ACTS AS AN ELEMENT TO MAKE THE

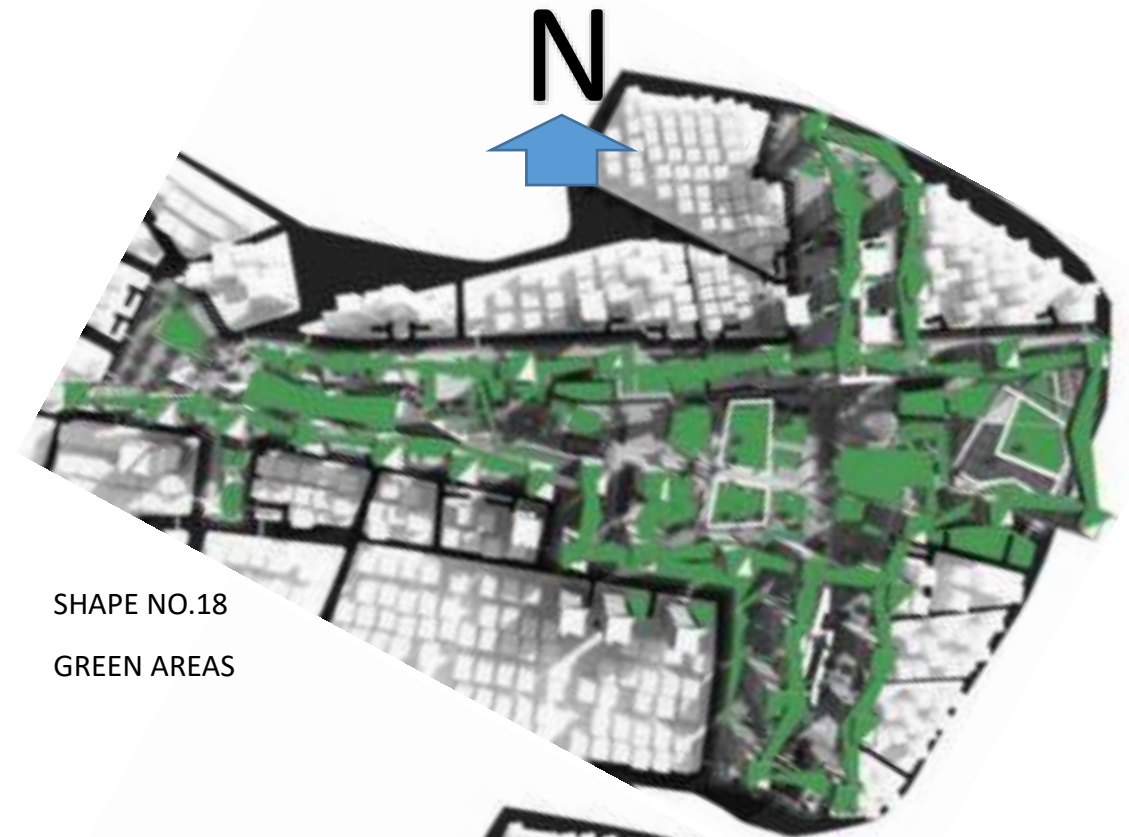
ATMOSPHERE MUCH BETTER AS IN WINTER OR IN SUMMER ,AS THE WATER TAKES

HEAT SLOWLY AND REMMITS IT THROUGH NIGHT SLOWLY WHICH IN SUMMER

REDUCES HEAT AND IN WINTER REDUCES COLD

2ND THE WIND PASS BY THIS WATER ELMINTS AND MAKES IT'S TEMP. MUCH BETTER AS IT IS GAINS THE HEAT

FROM IT



SHAPE NO.18

GREEN AREAS



SHAPE NO.19

WATER ELEMINTS IN THE PROJECT

7TH-THE URBAN STUDY

B-THE LAND SCAPING STUDY

4-THE WATER ELEMENTS AND SEA AND LAND BREASE PHENOMENA

WE USED THE WATER ELEMENTS IN THE PROJECT FOR 2 REASONS

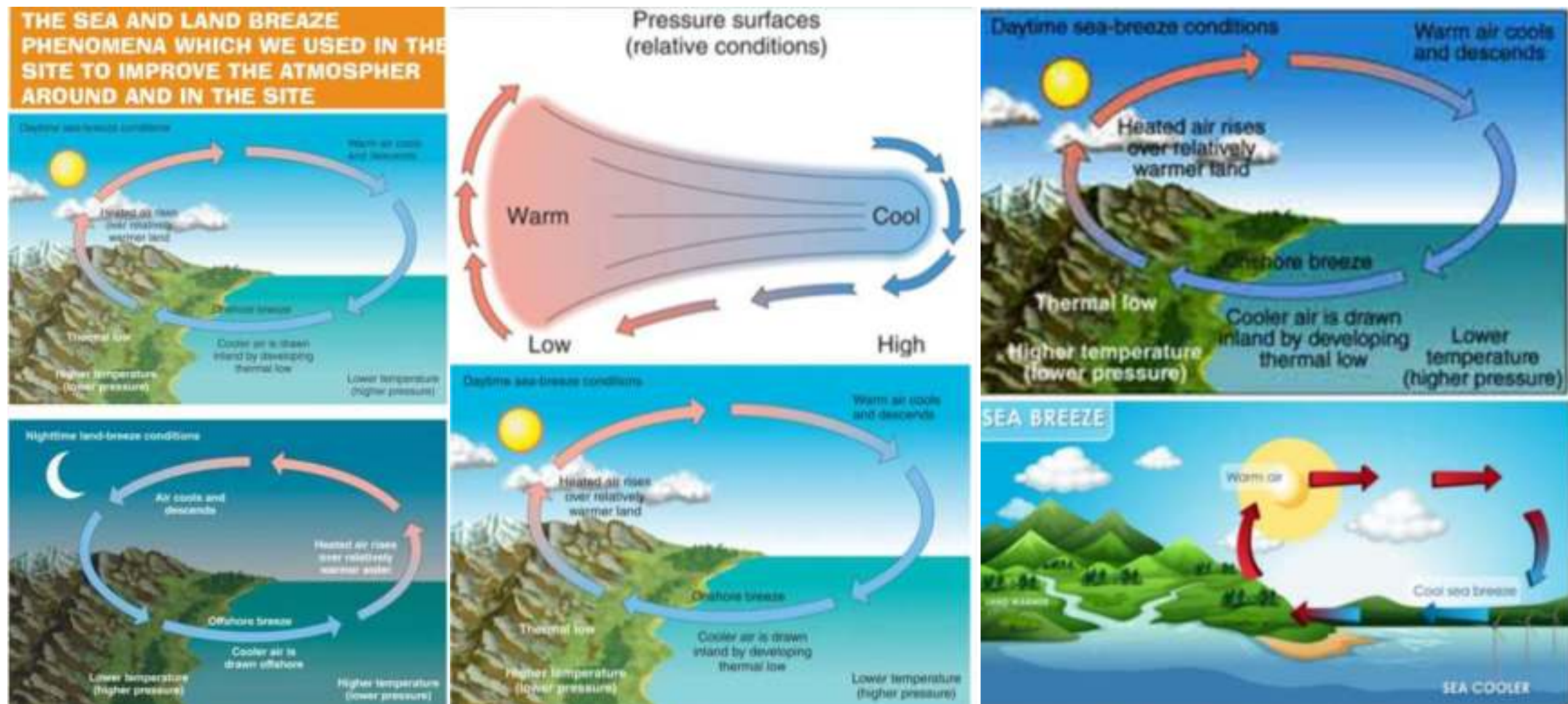
A- AS A SHAPE AND TO WORK AS A RELAXING ELEMENT

B-AS A SEA BREASE PHENOMENA WHICH ACTS AS AN ELEMENT TO MAKE THE
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HEAT SLOWLY AND REMMITS IT THROUGH NIGHT SLOWLY WHICH IN SUMMER

REDUCES HEAT AND IN WINTER REDUCES COLD

2ND THE WIND PASS BY THIS WATER ELMINTS AND MAKES IT'S TEMP. MUCH BETTER AS IT IS GAINS THE HEAT FROM IT



SHAPE NO.20
SEA AND LAND
BREASE

7TH-THE URBAN STUDY

B-THE LAND SCAPING STUDY

5-NATURAL WATER TREATMENT

THE WAY THAT WE WILL SHOW WAS A RESEARCH AND EXPERIMENTED AND APPROVED BY THE MINISTRY OF WATER AND IRRIGATION IN EGYPT IT'S A NATURAL WATER TREATMENT EVEN FROM THE TOXIC AND CHEMICAL COMPONENTS :

WE USE 2 ELEMENTS IN IT REED PLANT AND EICHHRONIA PLANT BY THE FOLLOWING WAY:

WE DIVIDE THE SECTOR WHICH IS USED FOR TREATMENT INTO 4 SECTORS:

WASTE WATER: A PLACE TO COLLECT THE WASTED WATER AND THE WANTED TREATED WATER

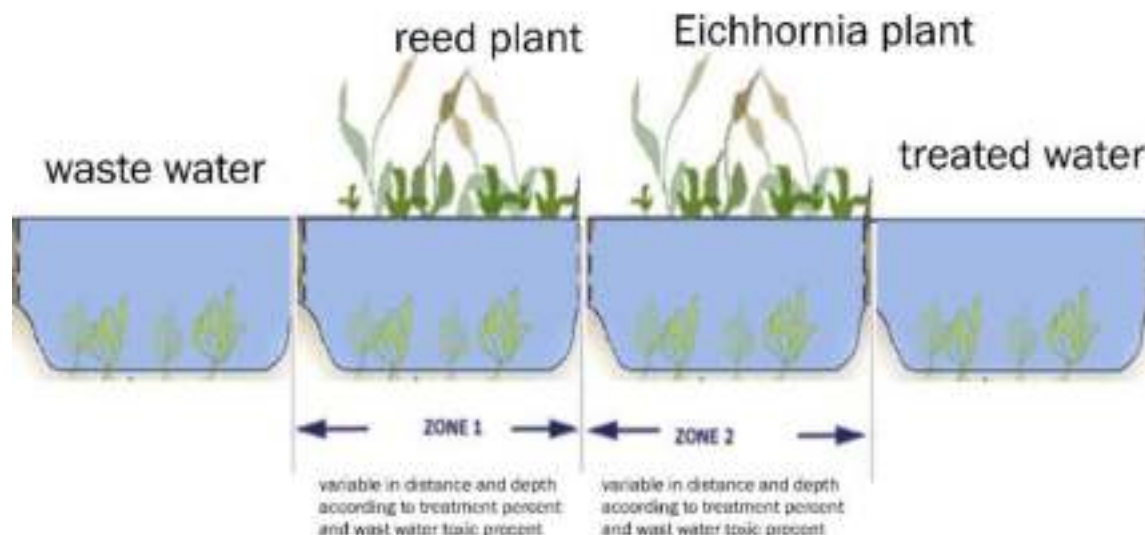
THEN A PLACE TO PUT THE REED PLANT WHICH BY IT'S LONGITUDINAL LENGTH AND DEPTH THE BACTERIA WHICH IS CREATED ACTS ON EATING AND DECOMPOSING THE TOXIC AND CHEMICAL COMPONENTS IN WATER.

THEN THE 3RD SECTOR IS THE EICHHRONIA PLANT SECTOR BY IT'S LONGITUDINAL LENGTH AND DEPTH THE BACTERIA WHICH IS CREATED ACTS ON EATING AND DECOMPOSING THE TOXIC AND CHEMICAL COMPONENTS IN WATER, IT WILL ACT AS A 2ND FILTRATION FOR THE WATER .

THE EICHHRONIA AS IT IS FLOATING OVER THE WATER IT IS SUPPORTED TO THE BOTTOM OF THE BASIN BY STEEL BARS TO HOLD IT FROM FLOATING AND SWIMMING WITH THE FLOW.

THE 4TH SECTOR IS THE TREATED WATER OR THE RECYCLED WATER THIS PLACE IS THE WATER ELEMENTS

THE PLACE THAT ALL THE MENTIONED ABOVE PROCESS WILL TAKE PLACE IS IN THE WATER ELEMENTS IN THE PLAZA COLLECTIVE BASIN



7TH-THE URBAN STUDY

B-THE LAND SCAPING STUDY

6-THE STREET FURNITURE

WE USED A NEW CONCEPT IN THE STREET FURNITURE THE SEATS WHICH IS THE LAND SCRAPERS CONCEPT STREET FURNITURE IN ORDER TO DO THE INTEGRATION BETWEEN ALL THE ELEMENTS OF THE PROJECT,ADDED WE TRIED TO MAKE THE PLAZA AS AN OPEN GALLERY THROUGH THE ARISTIC ELEMENTS SPREADED IN THE PLAZA THIS ELEMENTS WILL BE FROM THE SYMBOZIOM THAT WILL HELD IN THE PLAZA EVERY YEAR TO BE A HAND GIVEN FROM THE PLAZA TO THE LOCAL ARTISTS ,AND A FREE COMMERCIAL TO THE PLAZA BY INVITING THE INTERNATIONAL ARTISTS TO PARTICIPATE IN THE SYMBOZIOM

7-THE LIGHTING PILLARS

WE ARE GIVING A NEW CONCEPT WHICH IS LIGHTING BY THE GENERATORS OF THE SPORT TO GIVE A NATURAL LIGHTING AND IT IS CLEARFIELD IN THE DRAWINGS

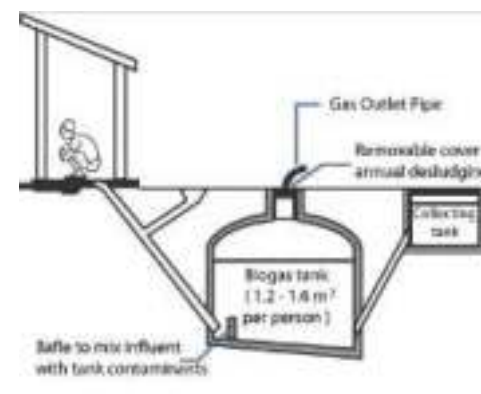
8-THE USING OF SOLID WASTE AND BLACK WATER IN EXTRACTION OF BIO GAS

THE SOLID WASTE AND THE BLACK WATER WILL BE COLLECTED AND BIO GAS WILL BE EXTRACTED THROUGH THE NON AIR DIGISTION TECHNOLOGY WHICH IS SIMPLY GATHERING ALL THIS SOLID WASTE UNDER VERY HIGH PRESUUR AND NO AIR

IT TRANSFORMS INTO BIO GAS METHAN GAS

THE EXTRACTED GAS WILL BE REVERSED AND SEI AGAIN TO BE USED IN COOKING AND HEATING.

THE WASTE COLLECTOR WILL BE UNDER GROUND AND THE PIPES OF SENDING WASTE AND GAS ALL UNDER GROUND IT WILL BE HIDDEN FROM VISUAL TO AVOID DISTURBANCE



SHAPE NO.22-B

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CENTER OF THE CENTRAL OF DOBRICH**

APLACE TO GATHER TO GATHER (THE CRISTAL PLAZA)

**CRYSTAL BUILDINGS PLANTED IN THE PLAZA
WHERE ALL THE CITY GATHERED TOGETHER
MELTS IN ONE COMMON PLACE**



SHAPE NO.22-A



7TH-THE URBAN STUDY

B-THE LAND SCAPING STUDY

9-THE AIR PURIFIER

TO KEEP THE LIMITS OF THE CO₂ IN MINIMALIST WE USED BY THE ALGAE AIR PURIFIER IT IS CLEARFIELD IN THE DRAWINGS ,THE AIM IS TO SUPPORT THE PROJECT IS A WHOLE LUNG TO BELFAST IN THE FAR RANGE AND THE SURROUND IN THE NEAR RANG AND THE RESIDENCE IN THE NEAREST RANG

10-THE SKY LINK BRIDGE

IT IS THE OBSERVATION BRIDGE WHICH LINKS THE BUILDINGS WITH EACH OTHERS SARROUNDING THE PLAZA AND IT'S FLYING ON SUPPORTS TO GIVE THE PROJECT THE FEELING OF THE FLYING CARPET IT'S AIM IS TO FACILITATE THE TRANSITION BETWEEN THE BUILDINGS OF THE PLAZAL AND TO GIVE A FULL VIEW FOR THE PROJECT AND THE PARK

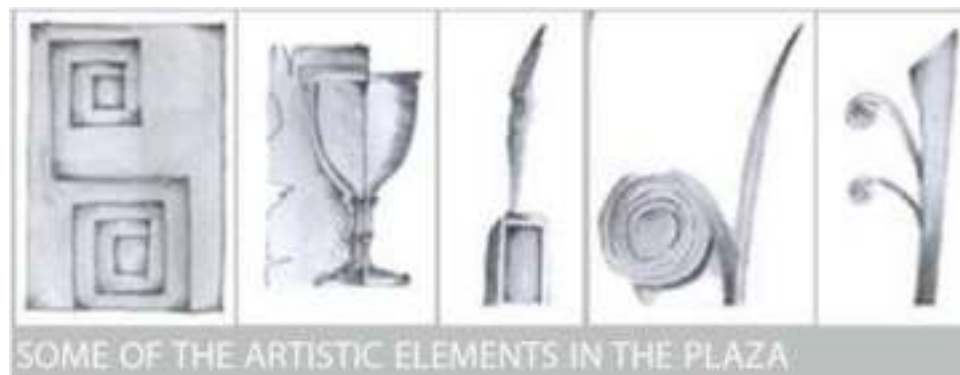
FROM ALL THE ABOVE WE REACHED OUR AIM

IT'S AN ADDITION TO THE PROJECT AND THE PARK

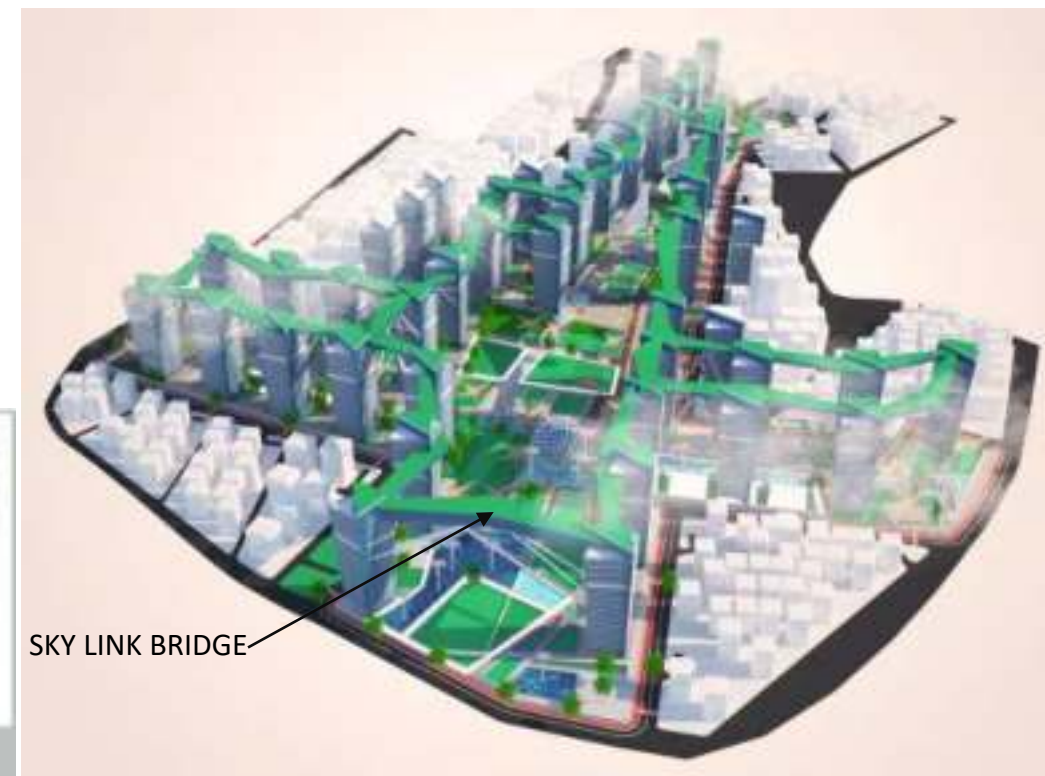
FROM ALL THE ABOVE WE REACHED OUR AIM

THE LANDSCAPING IS TO ESTABLISH A PLAZED PARK TO BE A PART FROM THE NATURE MADE BY HUMANS EFFICIENT IN ITS FUNCTIONALITY

THE LANDSCAPING IS TO ESTABLISH A PLAZED PARK TO BE A PART FROM THE NATURE MADE BY HUMANS EFFICIENT IN ITS FUNCTIONALITY



SHAPE NO.23 AIR PURIFIER



SHAPE NO.24 SKY LINK BRIDGE AND SOME OF THE ARTISTIC ELEMENTS IN THE PLAZA

7TH-THE URBAN STUDY

A-THE LAND SCAPING STUDY

11-THE SUSTINABILTY IN THE PROJECT

The Three Spheres of Sustainability



SHAPE NO.25



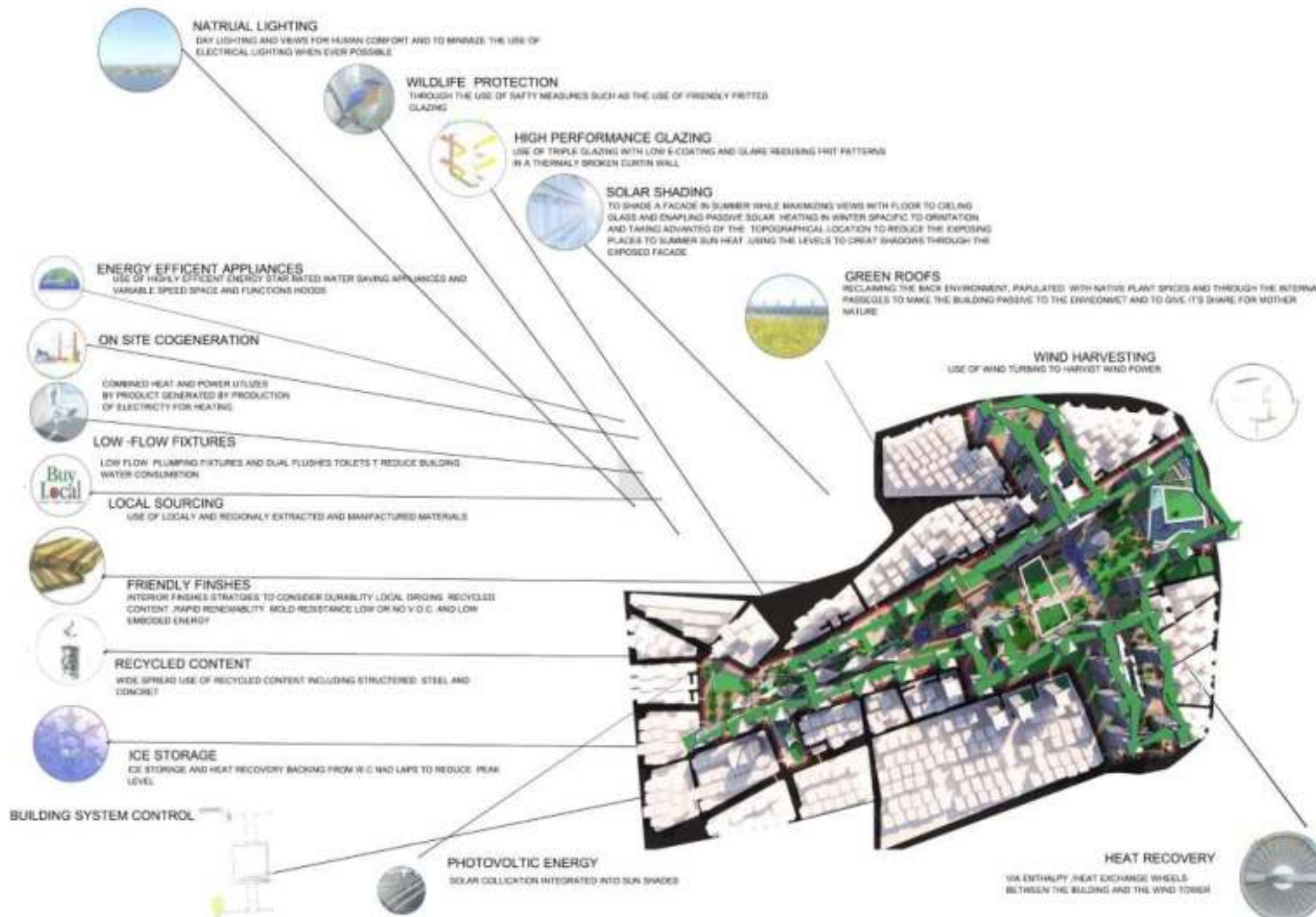
SHAPE NO.26

7TH-THE URBAN STUDY

B-THE LAND SCAPING STUDY

11-THE SUSTINABILTY IN THE PROJECT

WE AUTHORIZED THE SUSTAINABILITY AS A MAIN THEME IN THE PROJECT AND IN THE FOLLOWING HOW DEEP IS SUSTAINABILITY AND HOW DEEP IT'S ROOTS IN THE CONCEPT OF THE PROJECT



7TH-THE URBAN STUDY

B-THE LAND SCAPING STUDY

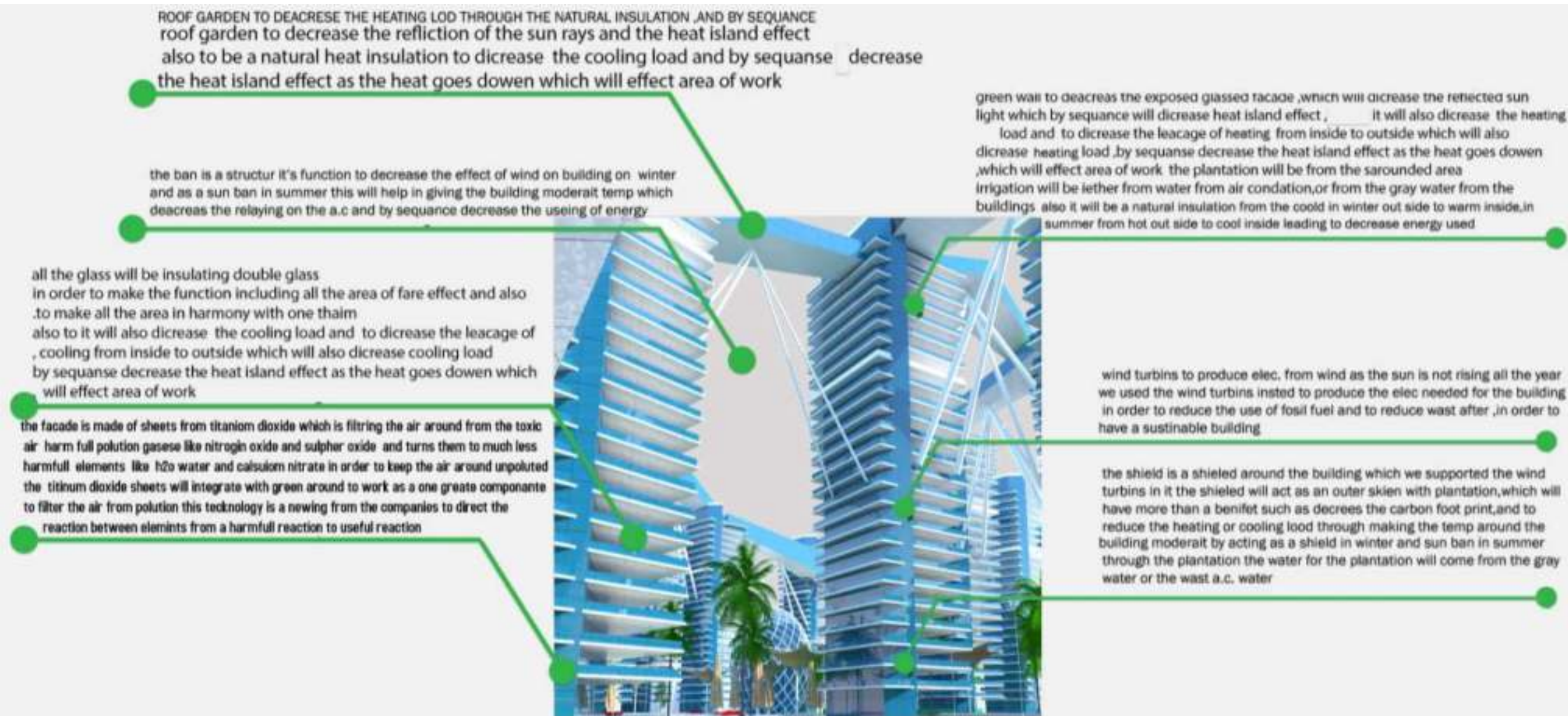
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MELTS IN ONE COMMON PLACE**



SHAPE NO.29 FAÇADE ANALYSIES

7TH-THE URBAN STUDY

B-THE LAND SCAPING STUDY

11-THE SUSTINABILTY IN THE PROJECT

WE AUTHORIZED THE SUSTAINABILITY AS A MAIN THEME IN THE PROJECT AND IN THE FOLLOWING HOW DEEP IS SUSTAINABILITY AND HOW DEEP IT'S ROOTS IN THE CONCEPT OF THE PROJECT

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THE SUSTINABILTY STUDY

- 23-THE CONTAINER HIGH RISE** : in order to keep the identity of the harbour and to reduce the waste and increase the recycled content we use the recycled containers in the high Rise towers.
- 24-DISTRECT HEATING AND COOLING** : in order to reduce the CO2 input which reduces the green house effect we used the distract heating and cooling for the quality of life and the best control ,and as the co2 inputs is fare from the site
- 25-WASTE WATER TREATMENT PROCESSE** : we will use the waste black water in a treatment process in order to be treated and reused in the watering process for the green area and the gardens.
- 26-RECYCLING THE WATER:** by using of gray water waste from the buildings in the recycling of water as non potable water for the non human uses such as the toilet flushing .
- 27-THE USE OF RENWABLE ENERGY** : as the use of energy from renewable sources like plantation .
- 28- HOME AUTOMATION** : as the use of home automation will decrease the demand on energy and reduce the waste from the energy and increases the Indore environmental quality.
- 29-SOLLAR URBAN LIGHTING** :the expanding in the urban solar lighting and the use of solar systems in civil applied systems .
- 30- THE USE OF STORM WATER IN WATERING** : the reuse of storm water in watering the gardens after filtration and in the non potable uses .
- 31-THE USE OF WHITE AND LIGHT COLORS IN THE FACADES OF THE BUILDINGS** : in order to reflect the sun light which will decrease the cooling load inside as there is a decrease in the heat permeability inside the space which will decrease the demand on energy and by sequence will decrees the CO2 emissions and the heat emissions from the A.C. machines which will act in the life quality inside
- And at the end we tried to got the best benefit from the site and to integrate with environment around it in order to reduce the expected effect and the expected pollution print for the site



THE SUSTINABILTY STUDY

- In our vision for the development plan we looked to the future as the future for the sustainability either in the economy or the architecture and in the following we will show the sustainably in the project:
- 1-WIND HARVISTING** : the use of turbines to harvest wind power .
 - 2-GREEN ROOFS** : populated with native spices
 - 3-HEAT RECOVERY** : via enthalpy/heat exchange wheels.
 - 4-SOLAR SHADING** :to shade façade in summer while maximizing views with floor to calling glass and enabling passive solar heating in winter specific to orientation .
 - 5-HIGH PERFORMANCE GLAZZING** : use of triple glazing with low e-coating and glare reduce frit patterns in a thermally broken Curtin wall .
 - 6-WILED LIFE PROTECTION** : through the use of safety measures such as bird friendly fritted glazing .
 - 7-NATURAL LIGHTING** : daylighting and views for human comfort and to minimize the use of electrical lighting when ever possible .
 - 8-REGENERATIVE ELEVATORS** : highly efficient regenerative elevators .
 - 9-PUBLIC TRANSPORTATION** : proximity to sub way and buss routs .
 - 10-PHOTO VOLTIC ENERGY** : solar collection integrated into sun shades.
 - 11-ENERGY EFFICIENT APLIANCES** : use of highly efficient energy star rated water savings appliances and variable speed kitchen hoods .
 - 12-ON-SITE COGENERATION** : combined heat and power utilizes by product generated by production of electricity for heating .
 - 13-LOW FLOW FIXTURES** : low flow plumbing fixtures and dual flush toilets reducing building water's consumption .
 - 14-LOCAL SOURCING** : use of local sourcing and regionally extracted and manufactured materials TO DECREASE THE TRANSPORTATION AND THE ACTIVE INPUTE TOWARDS ENVIRONMENT,
 - 15-FRIENDLY FINISHES** : interior and exterior finishing strategies to consider durability local origin , recycled content , rapid renewability ,mold resistance ,low or no voc. and low embodied energy.
 - 16-RECYCLED CONTENT** : wide spread use of recycled content including concrete and structural steel.
 - 17-VEHICLE SHARING** : provide residents access to fuel efficient vehicle sharing program
 - 18-BICYCLE STORAGE** : expand options for employee and residents commuting.
 - 19-ICE STORAGE** : ice storage and heat recovery from kitchens and bathes to reduce beak loading .
 - 20- INSULATED WALLS AND CEILING** :USING INSOLATED WALLS AND CIELING , USING OF SIETE GENERATED ENERGY .
 - 21-CONCEPT OF CONNECTING AND DICONNECTING SYSTEM** :TO REDUCE THE WASTE AND TO AVOIDE THE CHANGE OF THE SHAPE OF THE LAND .
 - 22-THE I.C.F. TECHNIQUES** : we recommended in order not to control the creativity TO REDUCE THE CONSUMPTION IN HEATING AND SOUND BY 60%.

8TH-THE INFRASTRUCTURE AND THE SMART NEIGHBOR HOOD

WE DESIGNED THE INFRA STRUCTURE AND THE SMART NEIGHBOURHOOD WE PUT IN OUR INTENTIONS TO HAVE A MODERN INFRA STRUCTURE EITHER IN SEWAGE OR POTABLE WATER WITH AN ELECTRIC AND INFORMATION'S NETWORK BUT WE DIDN'T STOP AT THIS POINT WE WENT FARTHER THAN THAT AND IN THE FOLLOWING GRAPH THE SMART NEIGHBOURHOOD AND NEW INFRA STRUCTURE

Tourist Information Center



Telemedicine



Water supply and sewerage

- Water sourcing through unique system eliminates long conveyance
- Sectorwise Centralized treatment and distribution system with 24/7 pressured supply through meters
- Treatment and distribution monitored closely
- STP with three levels of tertiary treatments: Chlorination, Ozonization, and UV
- Zero discharge: Recycled effluent is fully used for flushing, cooling, construction and irrigation.
- Separate ETP for a laundry and hospital; decentralized STPs in future

Solid Waste Management

- 100% collection through 3 bin system
- Segregation at source as well as at collection centre
- Organic waste converted to compost; recyclables given to recycling agencies.
- No landfill site planned at the site
- Hazardous waste is stored in specially designed storage, handed over to authorized agency for disposal at regional facility.
- Liberal provision of dust bins along roadside, footpaths and on the promenade

Our Infrastructure – Telecom Towers



Security & Surveillance



Public safety and security

- High level of safety and security to residents and public provided by Lavasa security in conjunction with the State Police.
- Strategically installed all-weather digital cameras connected to Central Command Centre.
- Security and patrolling guards equipped with vehicles and independent wireless communication system
- Continuous patrolling to detect and control security and public safety threats
- Mid-sized fire engines equipped with Mist technology suitable for fighting fires in building and in forest.

8TH THE INFRASTRUCTURE AND THE SMART NEIGHBER HOOD

City Management Services

- A dedicated City Management Services team
 - headed by a specialist City Manager to provide enhanced quality of community living to its citizens and visitors
- Delivery on Governance
 - Vision to create a replicable model of City Governance for new cities by bringing world-class standards and innovative governance to Indian urban life
- Emphasis on
 - Public Safety & Security - law and order services, fire and disaster management, etc.
 - Provision of uninterrupted and good quality water & power to all customers; sewerage services and gas distribution.
 - Public transportation, parking and traffic control
 - Value added services connecting citizens to services like housekeeping; garden, street and promenade maintenance; waste management; pest control; property management, etc.

Smart City ICT Infrastructure

- In 2006, laid 42-km, 24-core Fiber Optic Backbone for ICT connectivity between Lavasa and the rest of the world
- Laid 170 km of fiber optic network in the 1700-acre first town, Daisee
- GPON (Gigabyte Passive Optic Network) in place within Lavasa connecting all homes, businesses and facilities. Multiple services to users from multiple service providers
- Network can provide 100 mbps speed at user end depending on user requirement.
- Established separate SPV, My City Technology Ltd with Wipro and Cisco's participation

Smart City Applications

- Citizens services: providing following Voice, Data and Video services through vendors on a single fiber to home:
 - DTH TV, Cable TV, Telephone, Internet, IPTV,
 - Smart home automation systems;
 - Digital security system
- City level applications
 - Citizens contact center management
 - Emergency alarm system for senior citizens
 - CCTV surveillance and command center
 - Water and energy metering
 - Unified billing and on-line payment apps
 - Public Wi Fi in town center area
 - Parking and traffic management
 - Assets management
- Of 65 smart city parameters, 28 implemented, 7 enabled

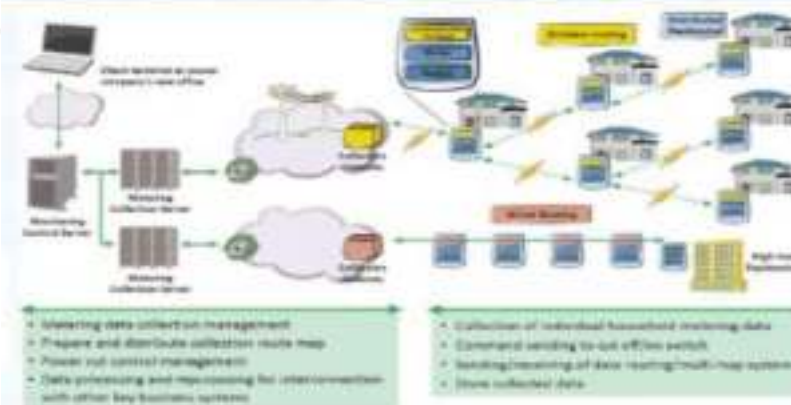
Power and gas supply

- Complete power distribution network including receiving station, sub stations, distribution cables and lines
- Managing the distribution network
- No load shading in the area.
- Centralized LPG supply to commercial establishments and apartment in the town centre; O & M and safety managed by the City Management Services

Citizen Contact Center

Citizen Contact Center For Receiving And Handling Large Volume Customer Care Requests

Smart Metering



Smart Metering For Centralized Utility Monitoring

Integrated Building Management System



Smart Parking and Traffic Management



Efficient Parking and Traffic Management and Intelligent City Bus Service for Citizens

Technology Supported Transport



8TH THE INFRASTRUCTURE AND THE SMART NEIGHBOR HOOD

e-Governance in a Smart City



Smart Home



Cashless Cards

will have a Prepaid Payment System - An experience of Shopping with easy and secure forms of payment.

- Single card acceptable at all outlets at Lavasa.
- Single card for multiple uses such as access card, identity card and payments.
- A basket full of loyalty benefits.



Our Infrastructure – GPON Network



- 180km fiber network for Davao
- GPON Architecture
- 10 year sustenance and scalability

All Services on ONE Network

Tele Presence

Tele Presence:

- A state of art Telepresence facility to improve interaction and information exchange.
- LCL has 5 sets of high end Telepresence equipment from Cisco, installed between Vikhroli (Mumbai) office and Lavasa Town Hall, LEC and LICC and can be used as a Public Room.



Wi – Fi Internet Services

Wi-Fi Internet Services

Centrally administered, Seamless Wi - Fi Internet access at Hospitality and Commercial Establishments.

- Ekamra The Retreat
- Hotel Mercure
- Fortune Select Davao
- Lavasa International Convention Center
- Wi-Fi extended to other properties and the Promenades
- Creation Public and Private Hot Spots.



Mandate – Create a Smart City

- an E-City
 - E-Governance (& integrated service systems)
 - E-Learning
 - E-Health Care
 - E-Commerce
 - E-Homes

smart city

Safe, Aware, Interactive, Efficient

9TH-THE MASTER PLANNING ANALYSIES OF THE PROJECT

IN ORDER TO SUPPORT A FULL DEVELOPMENT PLAN FOR THE PROJECT ,AND IN SUCH A PROJECT WE COULDN'T DO UNLESS WE FIND A SOLUTION TO TH MASTER PLANNING AROUND AND THE TRANSPORTATION IN ALL LEVELS FROM AND TO THE PROJECT AND IN THE FOLOWING IS THE PLAN:1-WE REMOVED ALL THE BUILDING AROUND THE PROJECT IN ORDER TO HAVE A LOAPED STREET AROUND THE SITE ,THIS STREET IS CONSSISTIN (FROM THE PROJECT TO THE OTHER SIDE)

1-4 METERS WIDE PLATFORM FOR WALKING AND TRANSFERING THE PASSENGERS FROM AND TO ,2 BYCICLE AND JUGGING LANES,2GOLF CARS AND ELECTRIC CARS ON THE SAME SCALE LANES AND THIS CARS ARE ONLY FOR THE SERVICE OF THE PROJECT ONLY,4 CAR LANES INCLUDING BUS PERIORITY LANE

2-WE CONNECTECTED THE SITE OF THE PROJECT TO THE END OF THE BANAYOT HELOVE STREET

IN ORDER TO HAVE A LOOPED STREET AROUND THE PROJECT AS WE REMOVED ALL THE BUILDINGS FACING THE NEW AREA OF WORK TO HAVE THIS NEW LOOPED STREET TO FICILITATE THE MOVMENT AROUND AND TO BE A 1ST APPROACH TO THE NEW BUSINESS ,CENTER OF DOBRICH.

ALL THE CITZENS OR THE PEOPLE LIVING IN THE PLACE OF REMOVAL WILL BE TAKEN A FLAT IN THE NEW DESIGN (MENTIONED IN DETAILS IN THE FINNANCIAL PLAN)



9TH-THE MASTER PLANNING ANALYSIES OF THE PROJECT

A-THE CIVIAL WORK PLAN

IN ORDER TO EXCUTE OUR VISION FOR THE CRYSTAL PLAZA WE HAVE TO DO SOME TACKING BACK THE OWENERSHIP OF SOME PROPORTIES AND GIVING THE RESEDNTS

1-WE REMOVED ALL THE OLD BUILDINGS FACING THE PLAZA, THE BOULIVARD AND ALL THE AREA OF WORK IN ORDER TO REPLACE THEM WITH NEW HIGH RISE BUILDINGS MIXED USE SUITS THE NEW ROLE IT SHOULD DO AS A BUSINESS, COMERCIAL, RESDENTIAL HOTELS AND HOSPITALTY HUP

2-WE REMOVED ALL THE BUILDINGS BANNING THE JOINNING OF THE PLAZA TO THE END OF THE BANAYOT HELOVE STREET IN ORDER TO HAVE THE LOPED STREET AROUND AND EXTENDING THE PLAZA TOWARDS THE END OF THE BANAYOT HELOVE STREET TO WIDEN AND AD EXTRA ACTIVITIES LIKE THE OPEN THIATERETC TO DO THE NEW ROLE FOR THE PLAZA AS A BUSINESS, COMERCIAL, RESDENTIAL HOTELS AND HOSPITALTY HUP

3-WE REMOVED SOME BUILDINGS FOR THE UNDER GROUND CAR PARKING ENTRANCE AND EXITS

4-WE KEPT THE HERITGIOUS AND HISTORICAL BUILDINGS

5-ALL THE ENFRA STRUCTURE PASSING THROUGH THE PROJECT WILL BE RENEWED WITH THE ESTABLISHMENT OF THE PROJECT,IT WILL BE TRANSFERRED DURING THE EXCUTION



10TH-THE SECURITY STUDY IN THE PROJECT

WE INTENDED TO KEEP THE SECURITY OF THE RESIDENTS AND THE VISITORS TOO FROM THAT POINT PUT THE PLAN OF SECURITY IN CONSIDERATION:

1-WE COVERED ALL THE PLOT WITH CCTV CAM. FOR THE WATCHING.

2-WE HAVE A CONTROL ROOM FOR THE DETECTION OF DISASTERS LIKE FIRE, EMERGENCYETC. WHICH ALERTS THE CONTROL ROOM TO TAKE THE PERSEDURES AND THEN ALERTS THE POLICE, FIRE, AND HOSPITALS....ETC.

3-WE AUTHORISED THE SELF-SECURITY WHICH IS THE PLOT IS SECURED BY THE CROWDS AS IT SELF-SECURITY BY THE CROWDS 24 HOURS 7 DAYS A WEEK AS IT IS ACCESSIBLE AND THERE IS AN ELEMENT OF ATTRACTION WHICH ARE THE SHOPS AND THE ENJOYMENT OF THE RECREATION AND RELAXATION WITH THE SITE

4-ALTHOUGH THERE IS A LOT OF ENTRANCE AND IT IS OPENED TO PUBLIC ANY TIME AS IT IS A PUBLIC SPACE BUT THE BUILDINGS IS ENTRANCES FROM THE PLAZA AND FROM THE GRAGE IS UNDER CONTROL

5-IT IS AN OPEN SPACE THE SECURITY IS TO KEEP ORDER INSIDE THE PLAZA ALTHOUGH IT IS ACCESSIBLE AND THE SECURITY IS TO KEEP ORDER NOT DETECT EVERY ONE ENTERING THIS GIVES CONTROL IN THE CASES OF EMERGENCY OR A CALCULATED CONTAINED FLUIDITY

12TH-THE FINNANCIAL STUDY

OUR PLAN TO FINANCE THE FUNDS OF THE PROJECT IN ORDER TO REMOVE THE BEAR ON THOSE WHO WILL BE A RESIDENTS IN THESE PROJECT:

1-THE PROJECT WILL SELL THE SHOW ROOMS DOWN THE RESIDENTIAL BUILDINGS AND THE MALL.

2-THE PROJECT WILL SELL THE ADVERTISEMENT RIGHTS IN THE PROJECTS.

3-THE INCOME FROM SELLING THE UNITS WITH ITS DIFRENT KINDS ,RESEDENTIAL,ADMIN,COMMERCIAL,...ETC

4-THE CITY MUNICIPALITY WILL SUPPORT EITHER FINANCIALLY OR MATERIALISTIC FUNDS

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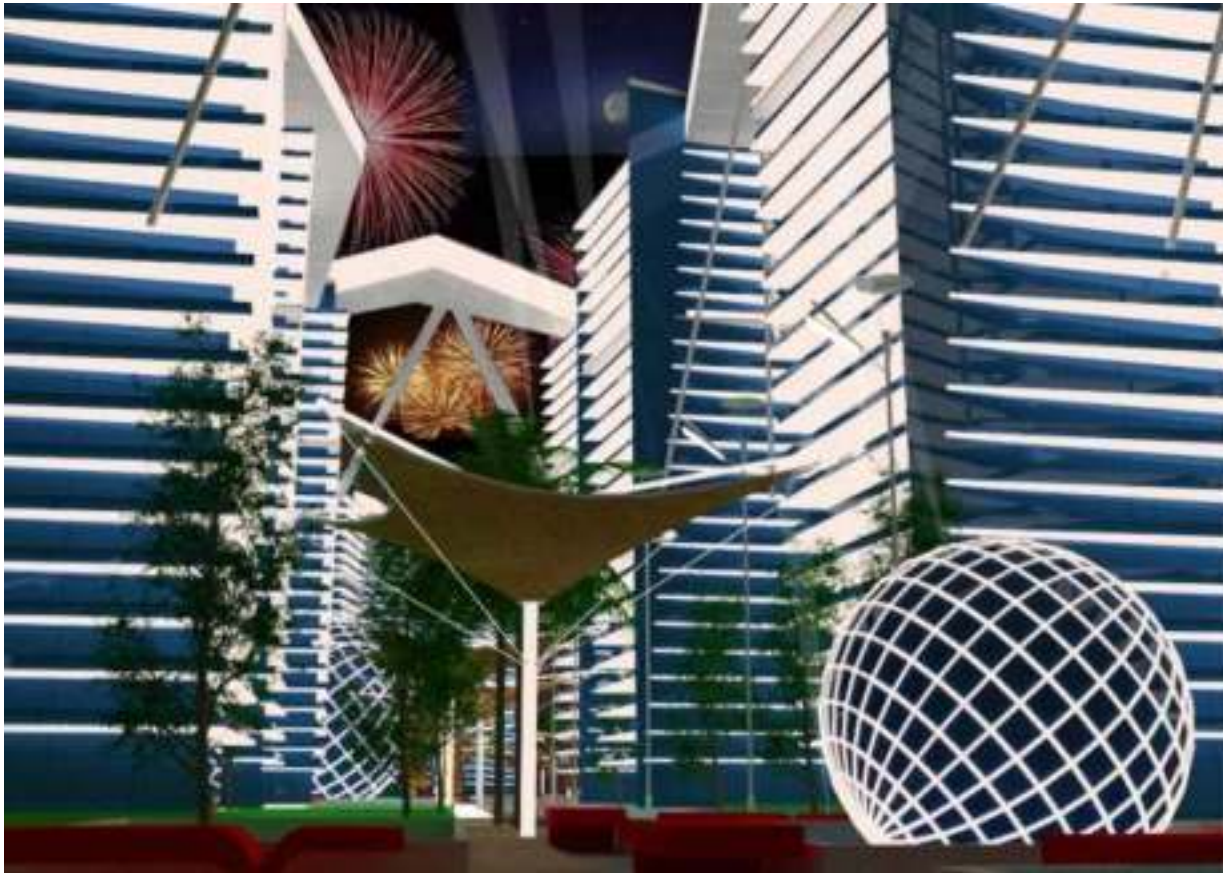
**CRYSTAL BUILDINGS PLANTED IN THE PLAZA
WHERE ALL THE CITY GATHERED TOGETHER
MELTS IN ONE COMMON PLACE**



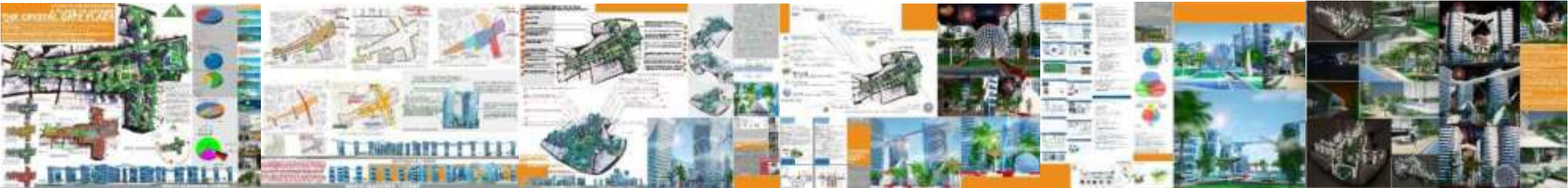
**THE TECHNICAL REPORT OF THE
COMPETION OF DESIGNING THE STRATIGIC
PLAN OFTHE COMPETION OF DESIGNNING THE
CENTER OF THE CENTRAL OF DOBRICH**

APLACE TO GATHER TO GATHER (THE CRISTAL PLAZA)

**CRYSTAL BUILDINGS PLANTED IN THE PLAZA
WHERE ALL THE CITY GATHERED TOGETHER
MELTS IN ONE COMMON PLACE**



11TH THE FULL PROJECT



1

2

3

4

5

6

**CRYSTAL BUILDINGS PLANTED IN THE PLAZA
WHERE ALL THE CITY GATHERED TOGETHER
MELTS IN ONE COMMON PLACE**

BOARDS 1,2



1

2

APLACE TO GATHER TO GATHER (THE CRISTAL PLAZA)

**CRYSTAL BUILDINGS PLANTED IN THE PLAZA
WHERE ALL THE CITY GATHERED TOGETHER
MELTS IN ONE COMMON PLACE**

11TH THE FULL PROJECT

BOARDS 3,4



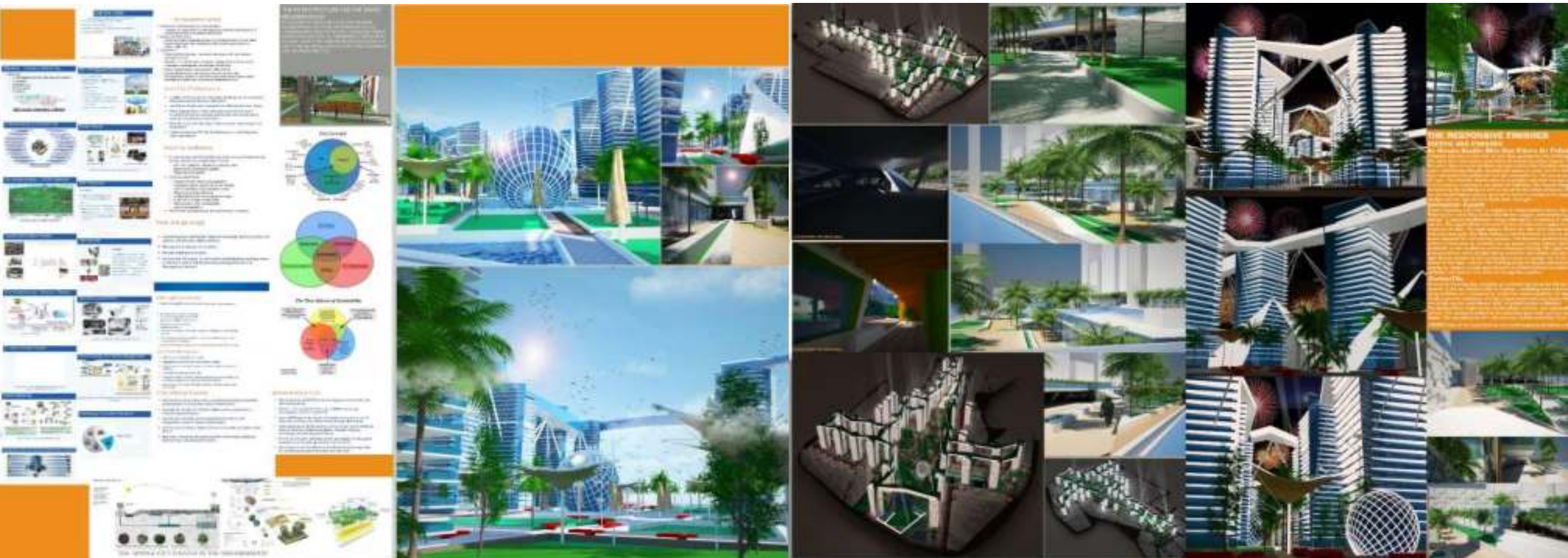
SHAPE NO.43

3

4

11TH THE FULL PROJECT

BOARDS 5,6



SHAPE NO.44

5

6

THANKS ALOTE