

CIHAN UNIVERSITY/SULIMANIA,
ARCHITECTURAL ENGINEERING DEPT.
FIFTH YEAR 2025-2026
FIRST SEMESTER THESIS



CIHAN UNIVERSITY
SULAIMANI

Similar Examples

CHAPTER 1
LECTURE 2

DR. NAHEDH T. AL-QEMAQCHI



SITE

URBAN ANALYSIS

CONCEPT

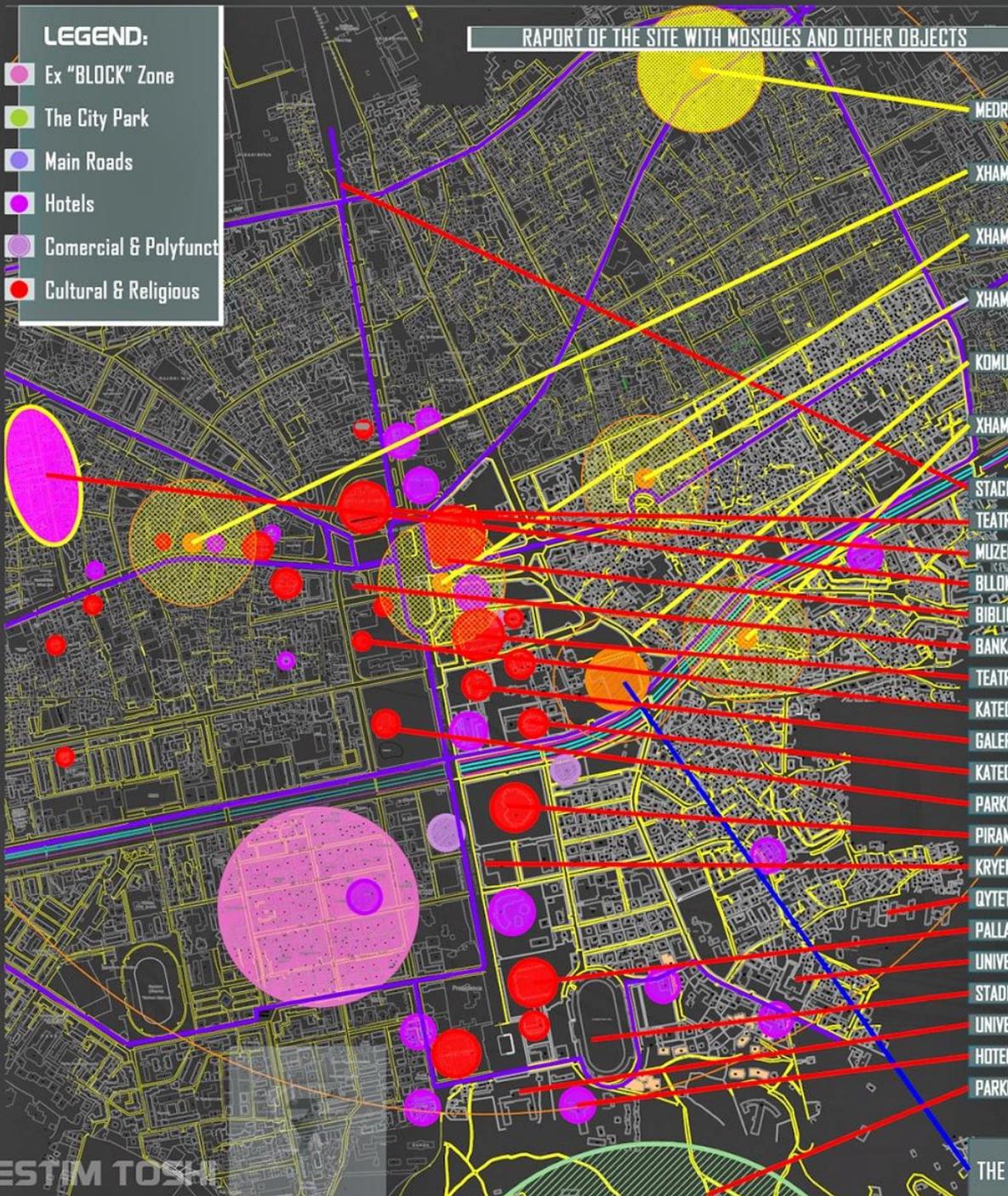
DESIGN

TECHNOLOGY

LEGEND:

- Ex "BLOCK" Zone
- The City Park
- Main Roads
- Hotels
- Comercial & Polyfunct
- Cultural & Religious

REPORT OF THE SITE WITH MOSQUES AND OTHER OBJECTS



MEDRESAJA DHE XHAMIA

XHAMIA 'DINE HOXHA'

XHAMIA E 'ETHEM BEUT'

XHAMIA 'KARAPICI'

KOMUNITETI MUSLIMAN

XHAMIA E TABAKEVE

STACIONI I TRENIT

TEATRI I OPEARS

MUZEU KOMBETAR

BILLOKU I AMBASADAVE

BIBLIOTEKA KOMBETARE

BANKA E SHOPIPERISE

TEATRI KOMBETAR

KATEDRALJA ORTODOKSE

GALERIA E ARTEVE

KATEDRALJA KATOLIKE

PARKU RINIA

PIRAMIDA

KRYEMINISTRIA

QYTETI STUDENTI

PALLATI I KONGRESEVE

UNIVERSITETI I TIRANES

STADIUMI 'DEMAL STAFI'

UNIVERSITETI POLITEKNIK

HOTEL SHERATON

PARKU I LIQENIT ARTIFICIAL

MOSQUES

OTHER

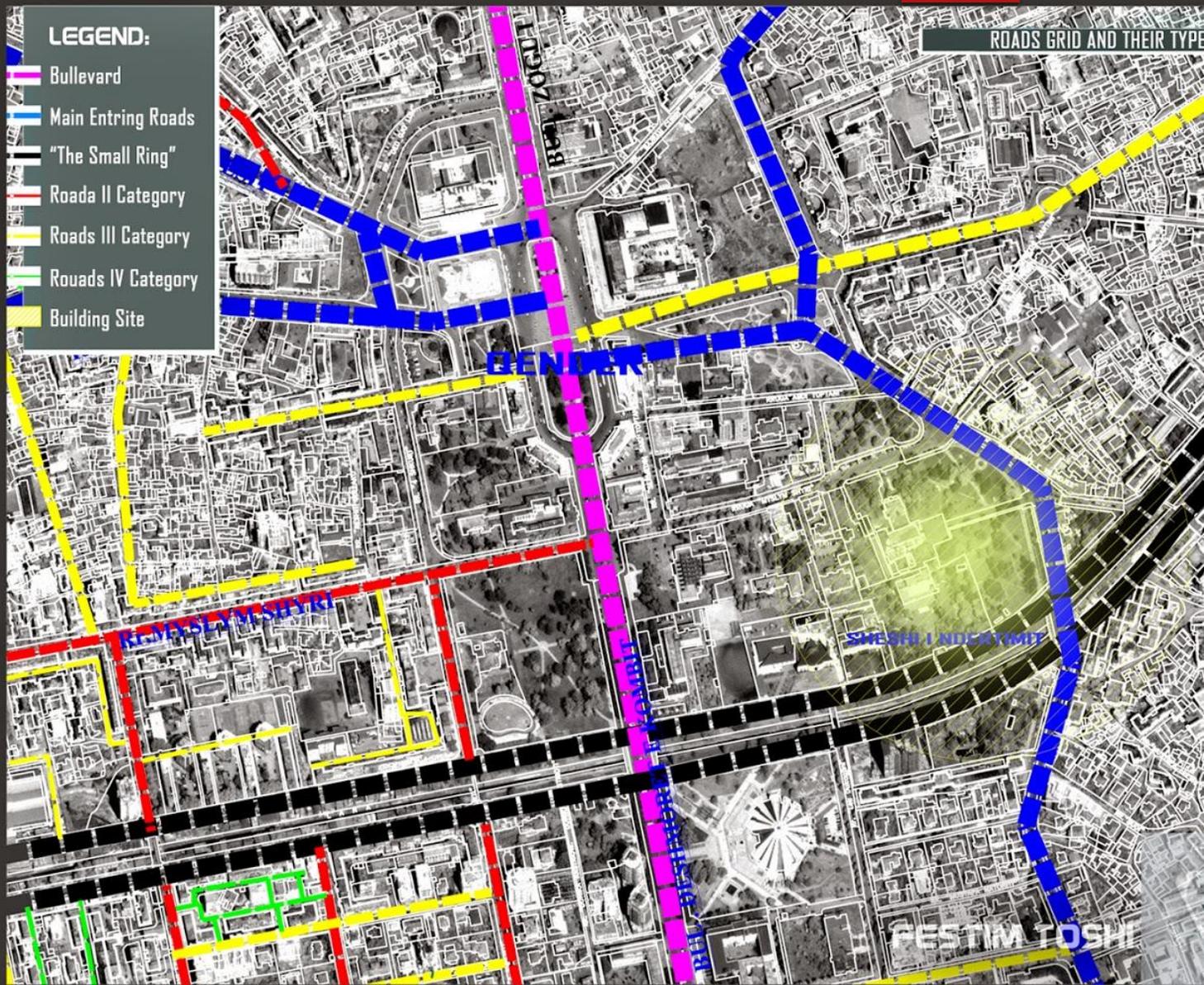
THE BUILDING SITE



FESTIM TOSHI

Site analysis

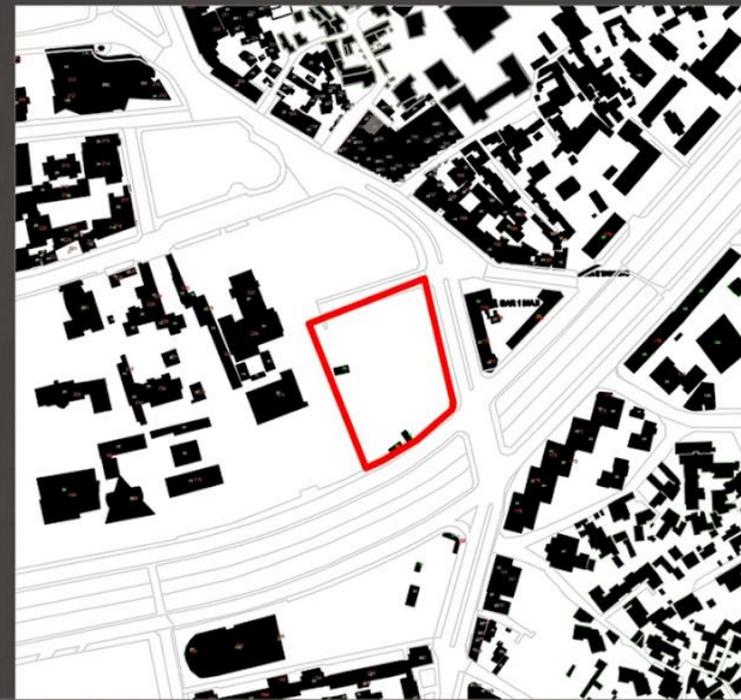
URBAN ANALYSIS



Surrounding analysis

ANALYSYS

FULL-EMPTY SPACE ANALYSYS

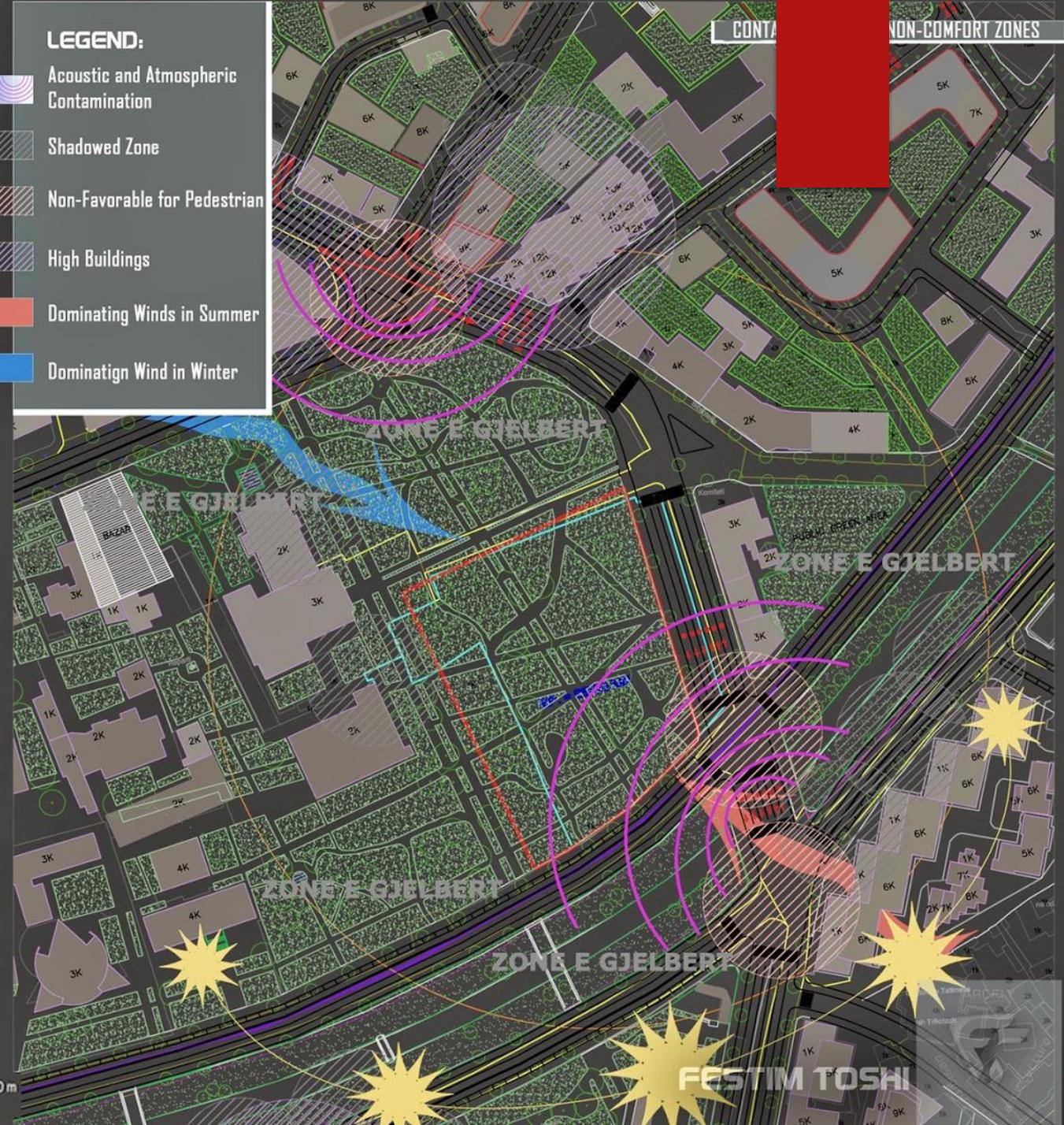


Climate analysis



ENVIRONMENTAL ANALYSIS

- LEGEND:**
- Acoustic and Atmospheric Contamination
 - Shadowed Zone
 - Non-Favorable for Pedestrian
 - High Buildings
 - Dominating Winds in Summer
 - Dominatign Wind in Winter



OGY



0 50 100 200 m

FESTIM TOSHI

Location analysis



SITE

BUILDING SITE



CONCEPT



DESIGN



TECHNOLOGY



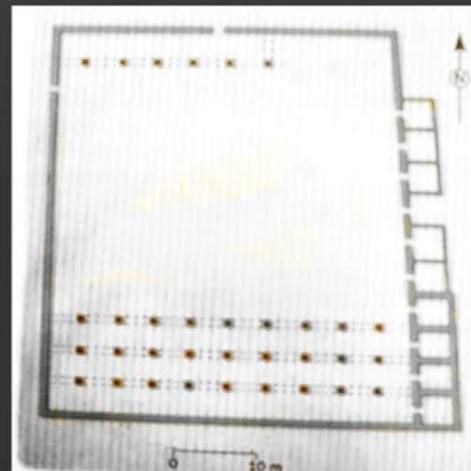
References

HISTORICAL ANALYSIS

mazgjaja' today is situated between the Elbasani Road, the entrance of the Albanian Parliament, Jean d'Arc Boulevard and the Officers House. This green site was surrounded with stone walls and characteristic cypress, some of them are there even now. This place was dedicated for Eid prayers, of Ramadan and Adha, was also used for gatherings of the citizens of Tirana; even in 1946 there was done the Eid prayer. The tradition of performing the prayer here came back after many years in 1993, but for long. In this year was set the sign of beginning of construction of a new mosque in the big proper size, it is mandatory for the Tirana citizens needs. The mosque has not yet been built, and the tradition of performing the Eid prayer has moved from this site, which didn't provide any of the necessary space needed for the believers, due to the trees, at the Scanderbeg Square, by the side of Et'hem Beut Mosque for the first time in 2003



Ura e Terzive dhe e Tabakëve.



Planimetria e Xhamisë së Profetit në Medine rivendëruar sipas përshkrimit të shokëve të tij.



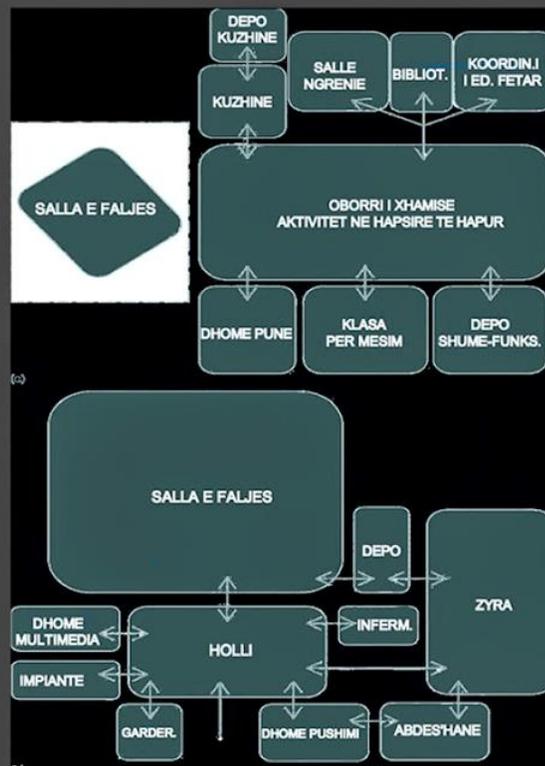
FESTIM TOSHI



Spaces & facilities

AMME

SCHEME E THJESHTUAR FUNKSIONALE E XHAMISE DHE E QENDRES KULTURORE ISLAME



Programi sipas normative nga manuale te n					
Kthinat e nevojshme	Normativa	Siperfaqja	Siperfaqja shtese 1	Siperfaqja shtese 2	%
Salla e Faljes - mihrabi - mynberi	0.75 m2/person	3750 m2 2 m2 3 m2	45 m2		15.6%
Oborri i Jashtem	0.75 m2/person	6750 m2	45 m2		27.9%
Hapesira per abdes - wc (burra) - wc (gra) - abdes (burra) - abdes (gra) - dushe (burra) - dushe (gra)	50 cope 25 cope 100 vende 50 vende 2 cope 2 cope	70 m2 35 m2 90 m2 45 m2 2 m2 2 m2	25 m2	270 m2	1.3%
Levizshmeri - shkalle - koridore	2 pjese -----	180 m2 x m2	20 m2	200 m2	1.0%
Kepucet	5000 vende	65 m2	5 m2	70 m2	0.3%
Personeli - imami - muezini - pastruesit	1 person 1 person 6 persona	16 m2 12 m2 30 m2	7 m2	65 m2	0.3%
Minarja	1 cope	25 m2	5m2	30 m2	0.1%
Ambjente ndihmese - depo - "xhenazja"	2 dhoma 1 dhoma	50 m2 15 m2	5 m2	70 m2	0.3%

Edukimi - salla mesimi - biblioteke - salle konferencash - dawa - info-botimet	6 klasa 2 ambjente 2 salla 2 dhoma 2 dhoma	300 m2 60 m2 300 m2 15 m2 15 m2	70 m2	760 m2	3.5%
Administrata - hoxha - mesuesit - administratori - kuzhinleri - sekretaria - mjeku	1 dhoma 6 dhoma 1 dhoma 1 dhoma 1 dhoma 1 dhoma	20 m2 100 m2 15 m2 10 m2 10 m2 15 m2	20 m2	190 m2	0.8%
Plotesuese - nhs - fjetje - gatim - ngrenie	4 grupe 2 ambjente 1 dhoma 2 dhoma	20 m2 50 m2 40 m2 60 m2	20 m2	190 m2	0.8%
Ambjente komerciale - librari - kafeteri - minimarket hallall - butique - parfumeri	1 ambjent 1 ambjent 1 ambjent 1 ambjent 1 ambjent	50 m2 50 m2 50 m2 50 m2 20 m2	30 m2	250 m2	1.2%
Implantistika - ujl - ajri - energjia	4 depozita 2 sisteme 2 kabina	50 m2 50 m2 20 m2	20m2	140 m2	0.6%
Vende parkimi	2 kate	200 vende	25 vende	2* 5900 m2	47.3%
TOTALI	3,6 dhe 7 kate	24120 m2	210 m2	24330 m2	100 %

Shenim: Kapaciteti i synuar i xhamise eshte 5000 persona (brenda) totali edhe ne shesh 10000 persona. Parkimi dhe disa sherblime jane te perbashketa per Xhamine dhe Qendren Kulturore Islame. Oborri perpara Xhamise nuk eshte llogaritur ne siperfaqen totale te nxjerre.

XHAMIA

QENDRA KULTURORE ISLAME

TOTALI

CONCEPT

REQUIREMENTS

Segregation of sexes

Use of Mystical elements such as:
Air - Water - Light

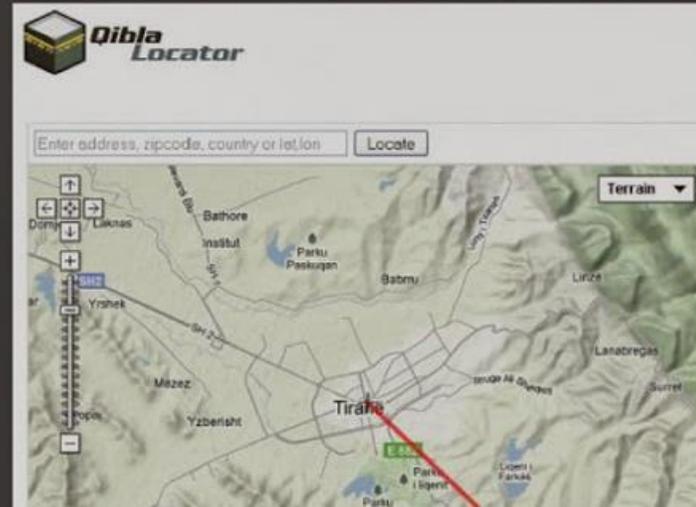


DESIGN

Reach dacordness

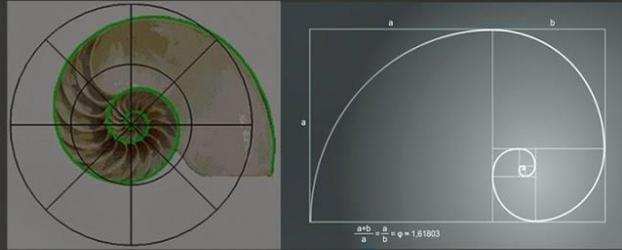
Qibla Orientation

Sostenibility and preservation of
natural site elements



TECHNOLOGY

SITE



CONCEPT

REPRESENTATIVE ELEMENTS

Golden Ratio - Fibonacci Sequence

The White Rose as a symbol of:
Purity
Innocence
Spirituality



Use of the element of Water
The Design Qibla Orientation

DESIGN

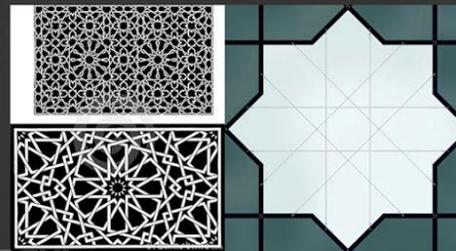
Floral and Geometric Islamic Design

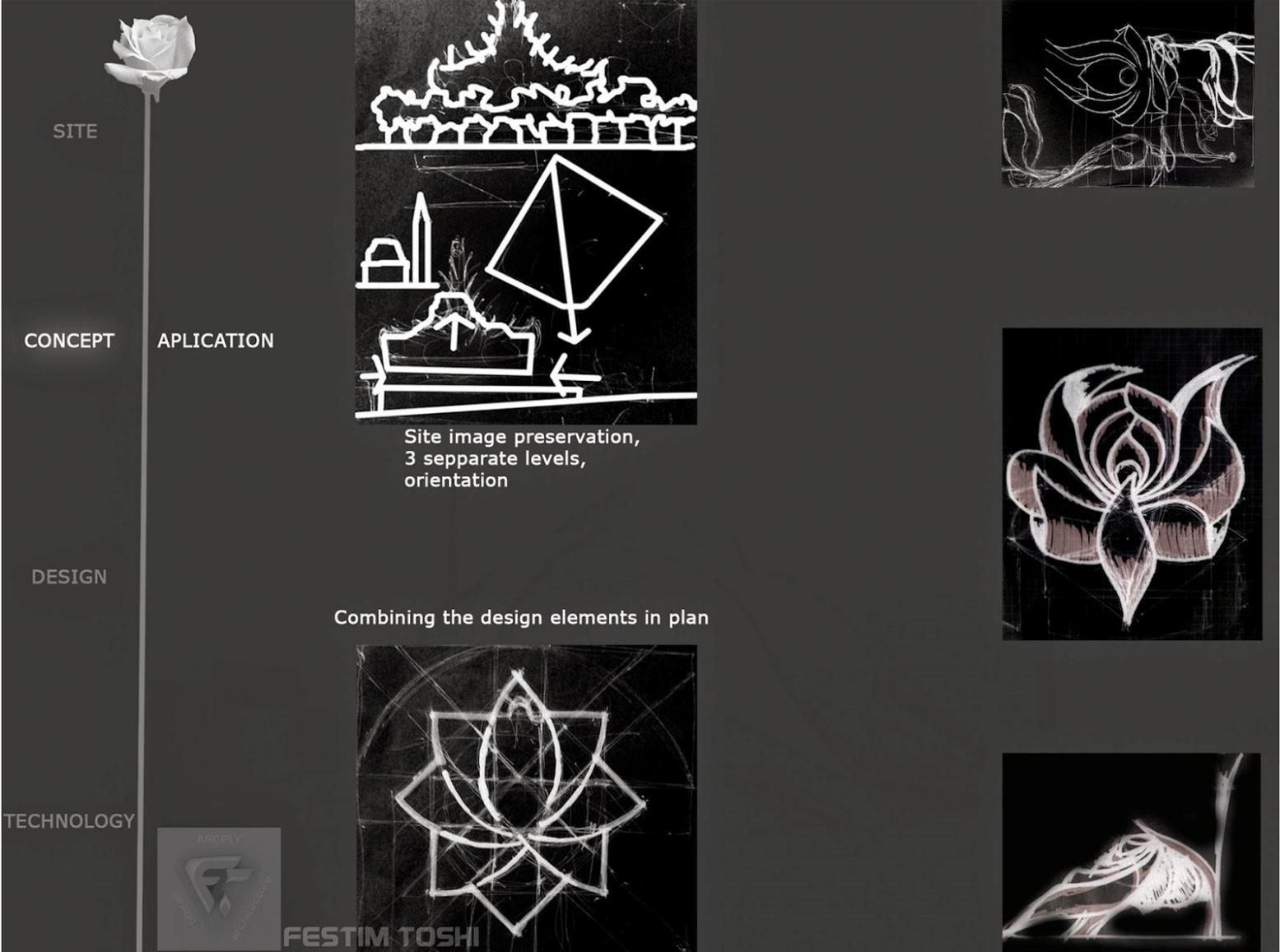
The Concept of Life in Islam

TECHNOLOGY



FESTIM TOSHI





SITE

CONCEPT

APPLICATION

DESIGN

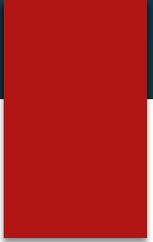
TECHNOLOGY

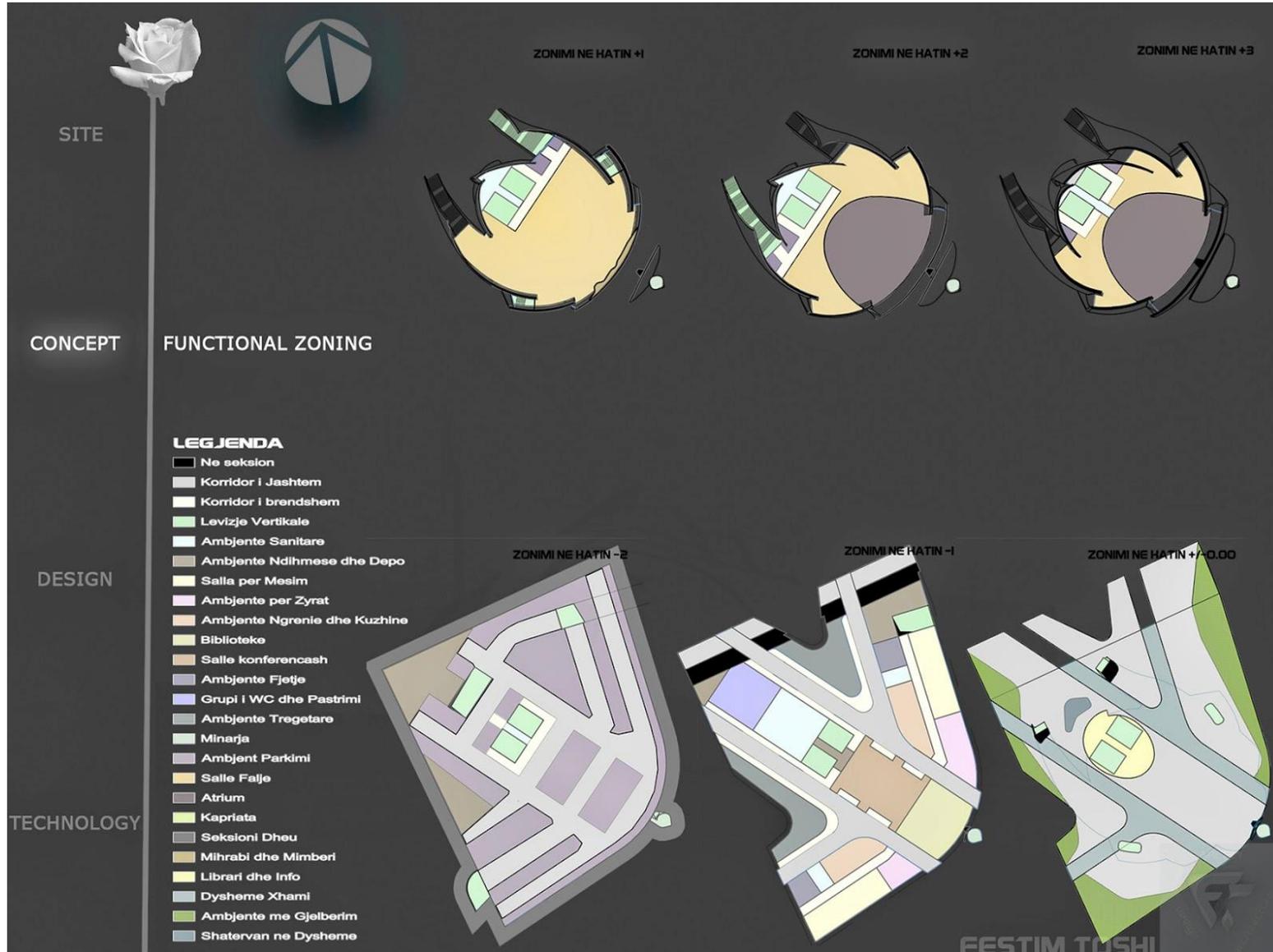
Site image preservation,
3 separate levels,
orientation

Combining the design elements in plan

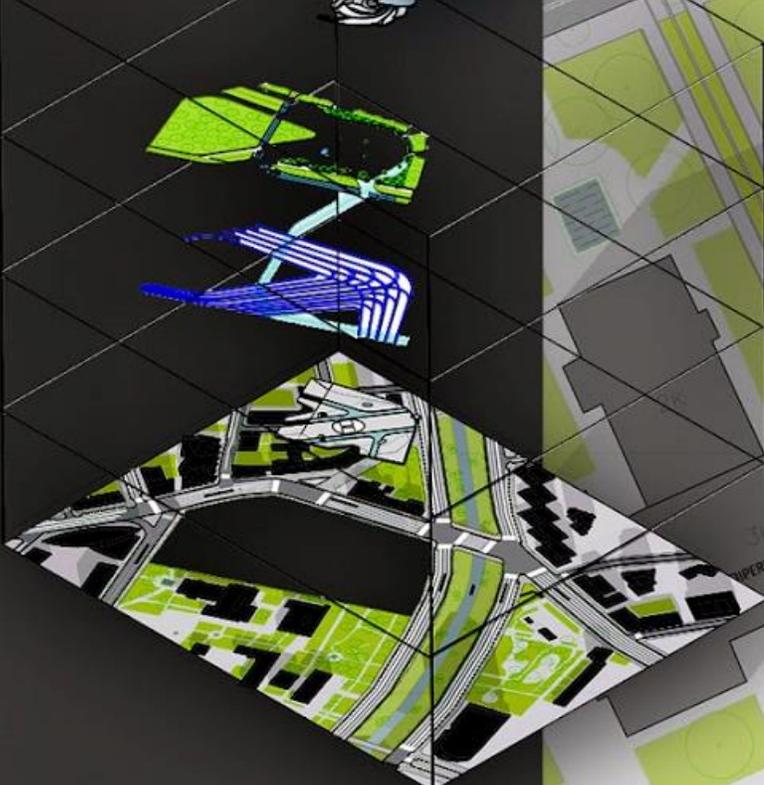


FESTIM TOSHI



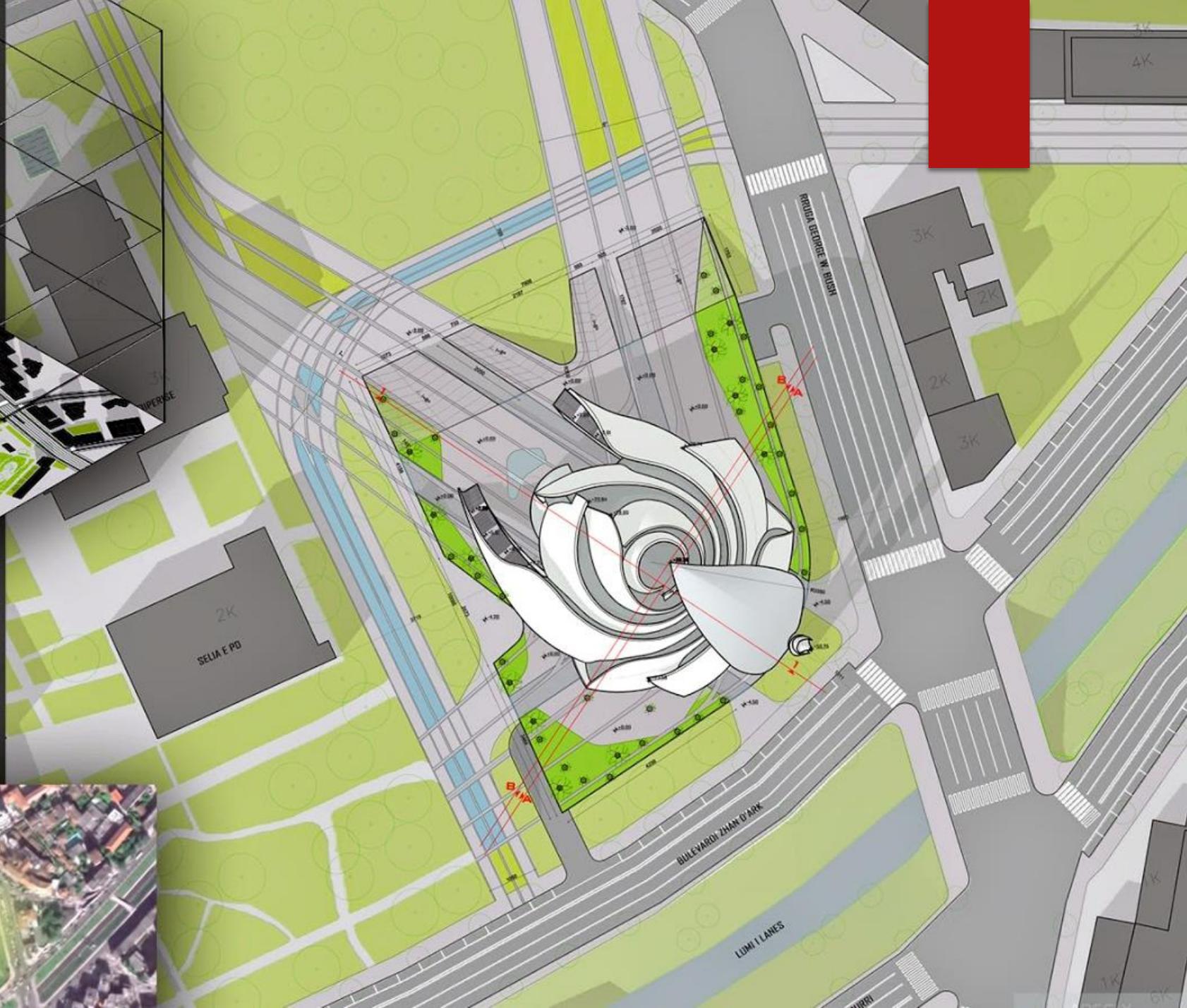


CONCEPT



DESIGN

GENERAL PLAN



TECHNOLOGY



SITE



CONCEPT

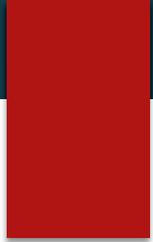
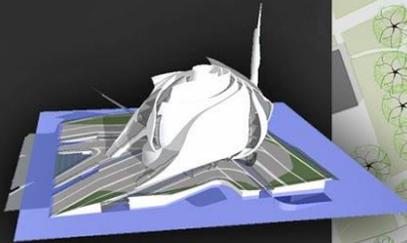


DESIGN

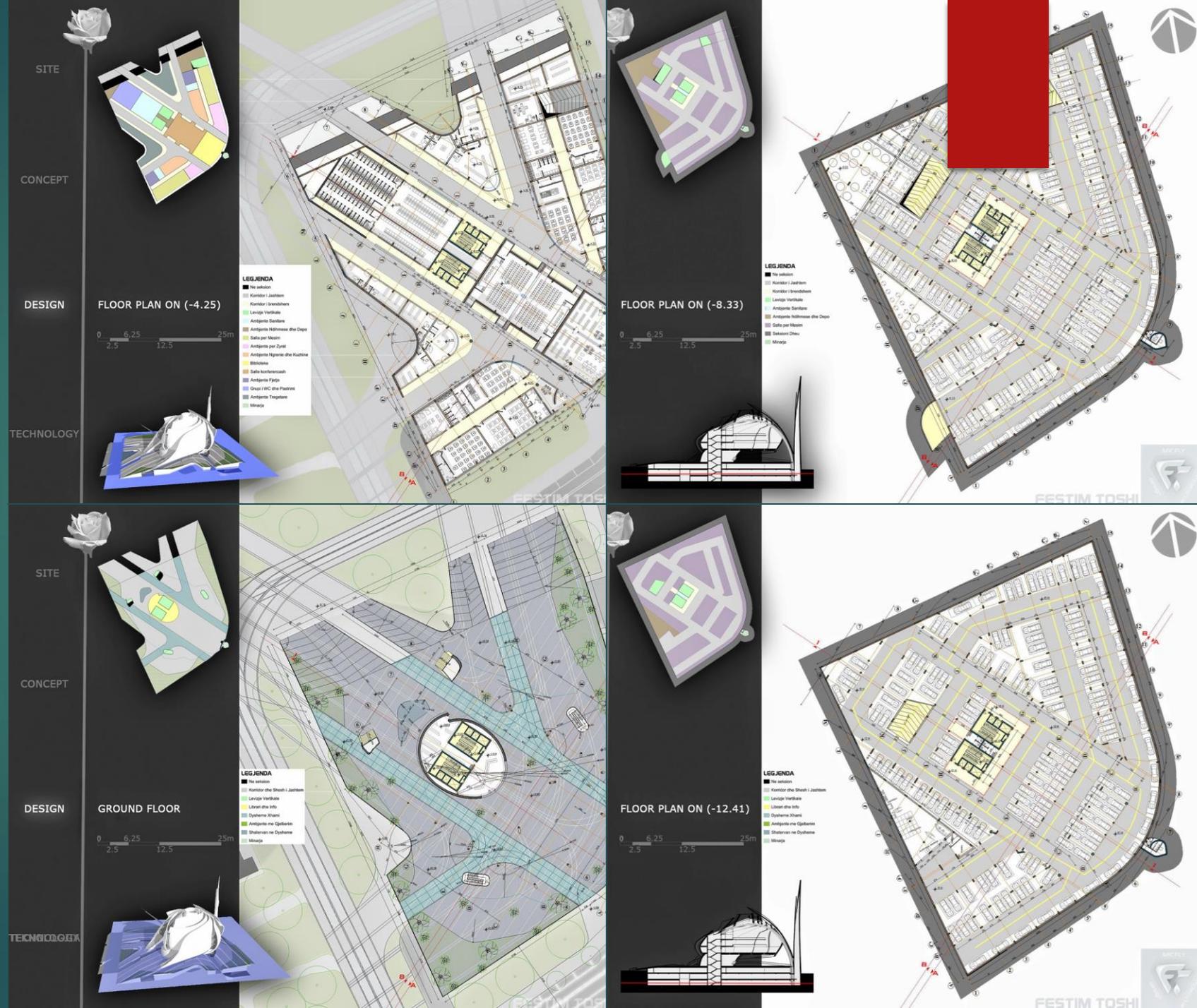
SISTEMATION PLAN



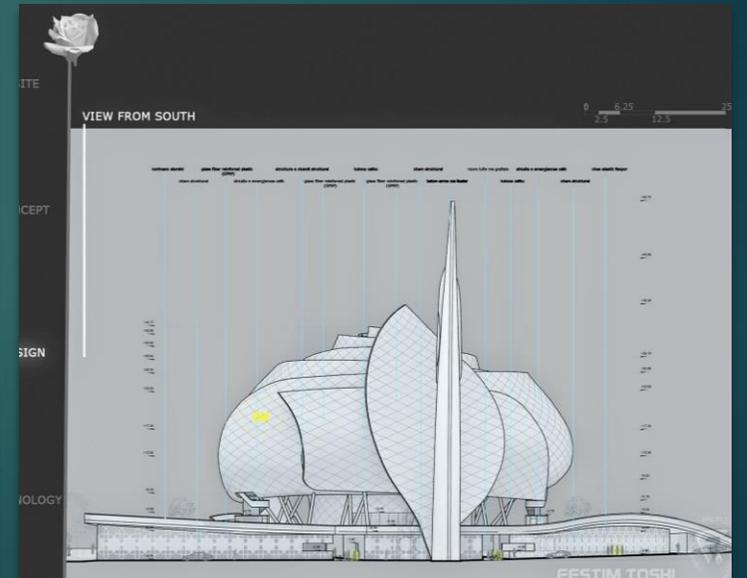
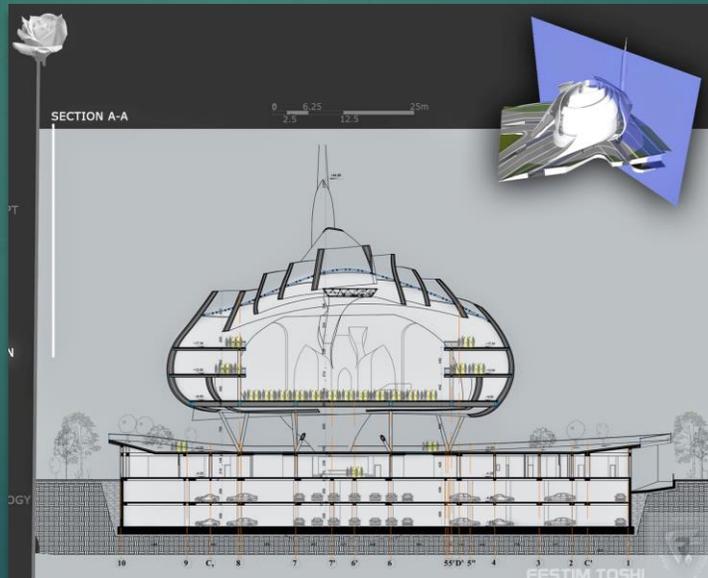
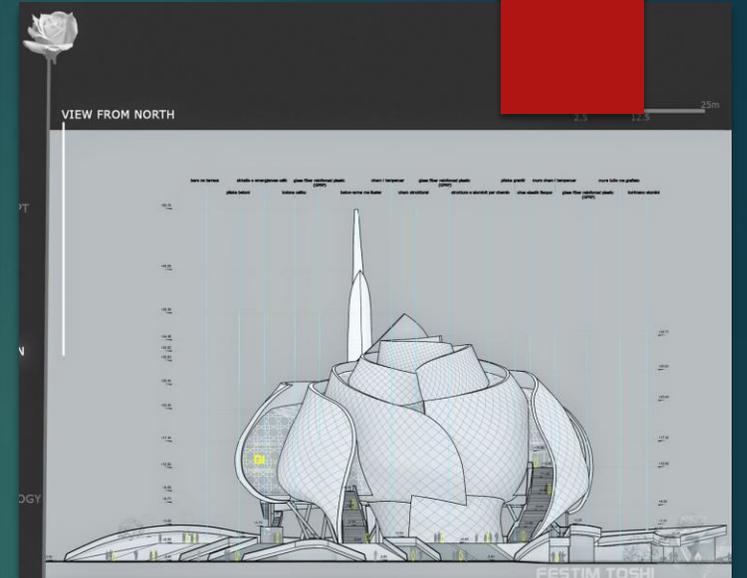
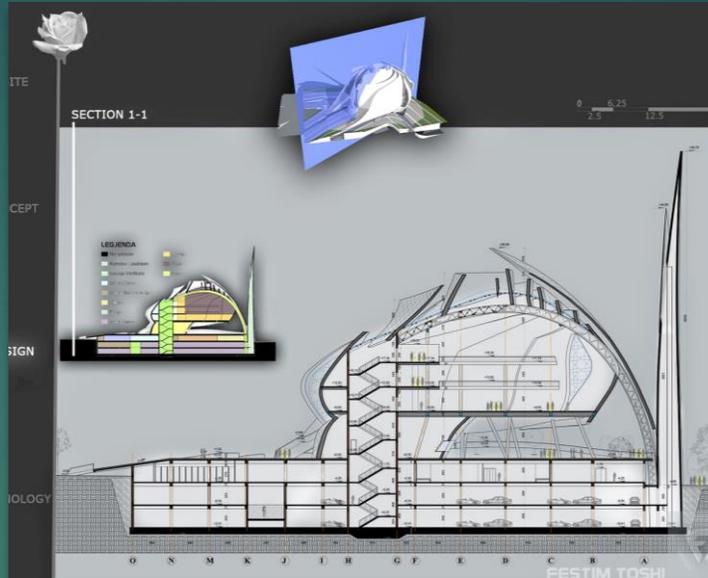
TECHNOLOGY

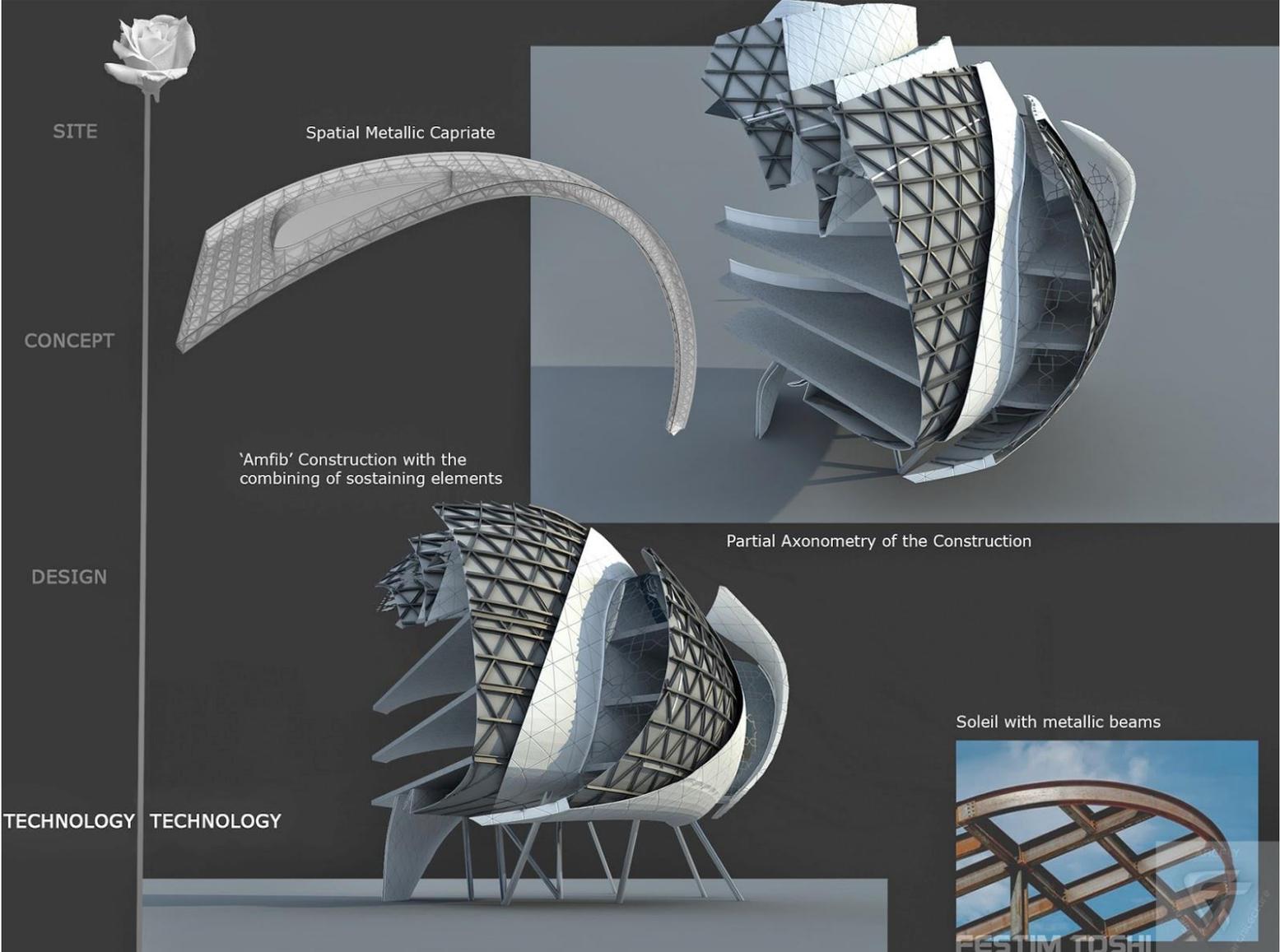


Functional analysis



vision





SITE

CONCEPT

DESIGN

TECHNOLOGY

TECHNOLOGY

Spatial Metallic Capriate

'Amfib' Construction with the combining of sustaining elements

Partial Axonometry of the Construction

Soleil with metallic beams



FESTIM TOSHII

Masses & appearance

