

BINDING TANGIBLE AND INTANGIBLE ELEMENTS

BROKEN TRACES

"Theodosian Wall—a Broken Tower (inside). We must turn away from the vaults of the ruined tower, and leave it as a symbol of the decay that eats out the heart of all nations who forget that their country's greatness was built up only by the self-sacrifice of former generations."

PORPHYROGENITUS

The Palace of the Porphyrogenitus, from within the Walls.

"The majestic proportions of this building are best seen from here; and here again we may notice the remains of yet another balcony and, in continuation of the legend, gather that the infant prince took his first view of the city from here, and on this spot was proclaimed "Caesar Urbis."

BOOTMAKERS' TRACES

Gate of the Bootmakers, or the Crooked Gate.

"Egri Kapoussi, formerly the Gate of Kaligaria—the bootmakers' quarter. To-day this quaint old gateway is seldom used, the industry that gave it a name is dead; dead warriors rest under the cypress-trees that throw their slender shadows over the tortuous uneven path."

PALACE TRACES

The Palace of the Porphyrogenitus, from the Fosse. This is the Palace of the Porphyrogenitus, of him born in the Purple.

ANGELUS AND ANAMAS

Towers of Isaac Angelus and Anemas. A gloomy history this strong Tower of Anemas tells us. In strong contrast stands out that more rugged Tower of Isaac Angelus.

VALLEY OF THE LYCUS

The Valley of the Lycus, from inside the Walls. "Before the city extended as far as these walls, and ere there was occasion for them, the Valley of the Lycus was a pleasant place to see."

PORTA AUREA

The Golden Gate, from South-West. "This is the Golden Gate, the "Porta Aurea" of so many glorious moments in the life of Constantine's great city."



HOUSE OF THE PHANAR

Old House in the Phanar. Here and there we may see an old house whose stout walls have resisted all attempts at destruction.

SOCIAL TRACES

Third Military Gate. "In the gateway you may see signs of commercial enterprise. From sunrise to sunset this place is full of the sounds and sights that travellers in the East are wont to enjoy."



THE VALLEY OF THE LYCUS

The Valley of the Lycus, showing where the last Emperor fell. One more look upon the ruined curtain through which the built-up arch gave ingress to retreating Greeks and Ottoman assailants on that 29th of May, there in the angle caused by the wall and its southern flanking tower you may faintly see the remains of a postern-gate. There fell Constantine, the last of the Emperors of the East.



THE VALLEY OF THE LYCUS

The Valley of the Lycus, looking North. "The road leads up to the ridge on the other side like a white band, strongly contrasting with the deep tone of the cypresses that crown the height."



PORTA AUREA

The Golden Gate, from South-West. "This is the Golden Gate, the "Porta Aurea" of so many glorious moments in the life of Constantine's great city."



COMMON YEDIKULE

Yedi Koulé Kapoussi, or Gate of the Seven Towers. "None but Emperors or visitors of the highest rank was the Golden Gate thrown open—People can use Yedi Koulé Kapoussi."



MEVLEVİHANE TRACES

"Gate of Rheimium, or Yedi Mevlevi Haneh. The Gate of Rheimium—now known as Yedi Mevlevi Haneh, Kapoussi."

SECOND MILITARY STATE

Theodosian Wall and approach to Belgrade Kapoussi, Second Military State.

"These are the Theodosian Walls, the proudest and most lasting monument to that dynasty which was founded when Gratian invested Theodosius with the Imperial Purple."

TOPKAPI TRACES



Top Kapoussi, Gate of St. Romanus. "The slight bend in the road takes us to the Gate of St. Romanus, now known as Top Kapoussi."

YEDIKULE

Part of Turkish Fortress of Yedi Koulé. "We may enter one of the strong towers, the shape of which is familiar to all who have visited Roumelii Hissar, and thus we know it to be of Turkish construction."

LANDWALLS AS A PARTICIPATORY EXPERIENCE AREA
 CHARACTERS: SEYAH, BOSTANER, PHOTOGRAPHER,
 ERA: BYZANTINE PERIOD, OTTOMAN PERIOD, REPUBLIC PERIOD



Country / City Turkey / Istanbul

University / School Istanbul Technical University

Academic year 2022 - 2023 Spring Term

Title of the project RETRACE | Historical Landwalls Experiences

Authors Hande Beril Küçükler

TECHNICAL DOSSIER

Title of the project	RETRACE Istanbul Landwalls Experience
Authors	Hande Beril Küçükler
Title of the course	Graduation Project
Academic year	Landscape Architecture Department / Faculty of Architecture
Teaching Staff	Prof. Dr. Hayriye ESBAH TUNÇAY, Assist. Prof. Dr. Aysegül AKÇAY KAVAKOĞLU
Department / Section / Program of belonging	Landscape Architecture Department / Faculty of Architecture
University / School	Istanbul Technical University



The historical traces that have layers over the years in the Istanbul Land Walls have created a tangible and intangible cultural heritage in the Historical Walls of Istanbul. This cultural heritage can be transferred from one generation to the next through the continuous act of “re-creation” and therefore kept alive. With a holistic approach that uses the power of experience to ground the body-place-memory, the “re-tracing” project offers users the opportunity to experience the layers of history. The “Retrace” project reminds that the cultural landscape is not only a reminder, but also a place to live, by offering various programs to increase conscious cultural mobility, protect cultural memory, and ensure local food production and consumption. A new transportation-experience route has been proposed for the area. It is aimed to teach cultural heritage by including the cultural heritage areas within the city walls on the route. In order to provide experience on the route, 8 different programs have been defined. These programs are: Observation Corridors, Platforms and Stairs, Gathering Areas, Memory Stations, Temporary Museum Areas, Memorial Points, Green Corridors and Surface Water Systems. With these programs, the selected Topkapı Landwalls area was designed.

For further information

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12th International Biennial Landscape Barcelona

Barcelona November 2023

SCHOOL PRIZE

GOAL 1 — **GOAL 2** — **GOAL 3** — **GOALS**

SOCIAL STRUCTURE

To minimize social segregation and to help people regain their sense of belonging to Istanbul.

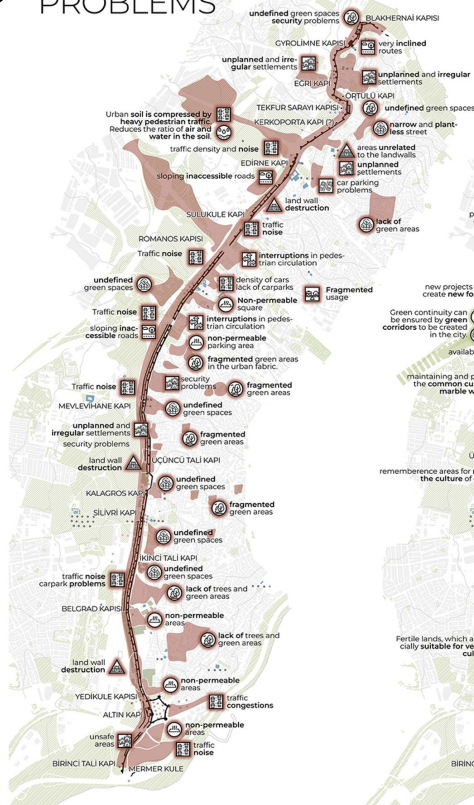
CULTURAL MEMORY

To use the fortification walls, which have been a cultural threshold throughout history and which is the border between inside and outside, to make the history of the city visible and livable, and to bring it to the fore.

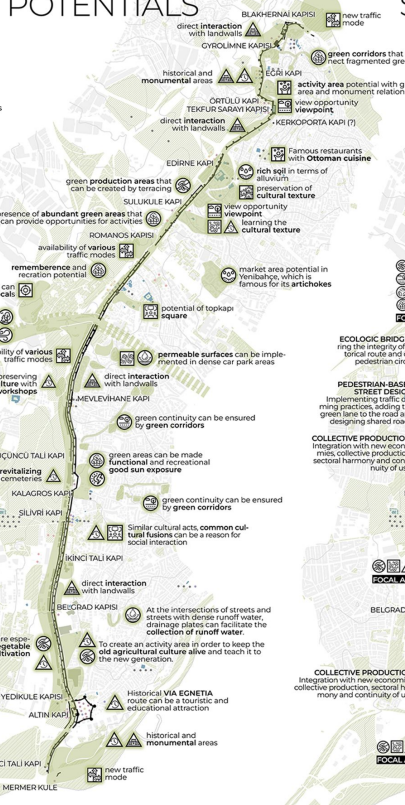
ECOLOGIC DEVELOPMENT

To use the city walls and the surrounding bastions to improve the environmental quality.

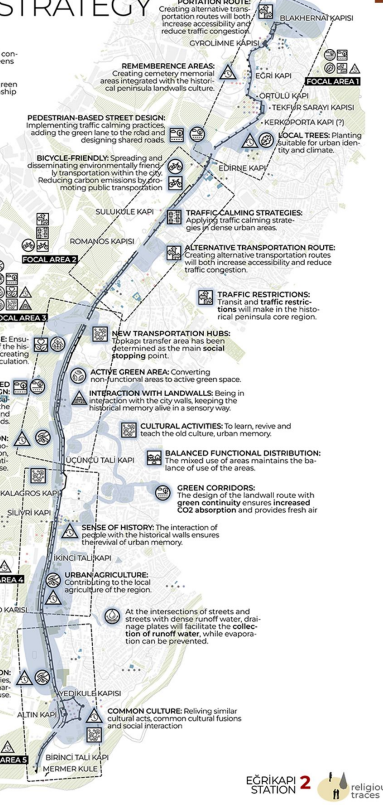
PROBLEMS



POTENTIALS



STRATEGY



UPPER SCALE SYSTEM ANALYZES: NATURAL SYSTEM



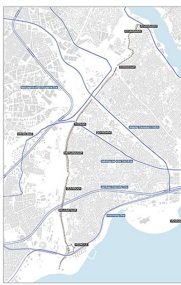
UPPER SCALE SYSTEM ANALYZES: STRUCTURAL SYSTEM



HIGHWAYS - MAIN ROADS



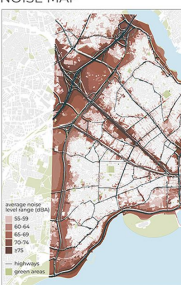
RAIL SYSTEM ROUTES



SEA ROUTES AND PIERS

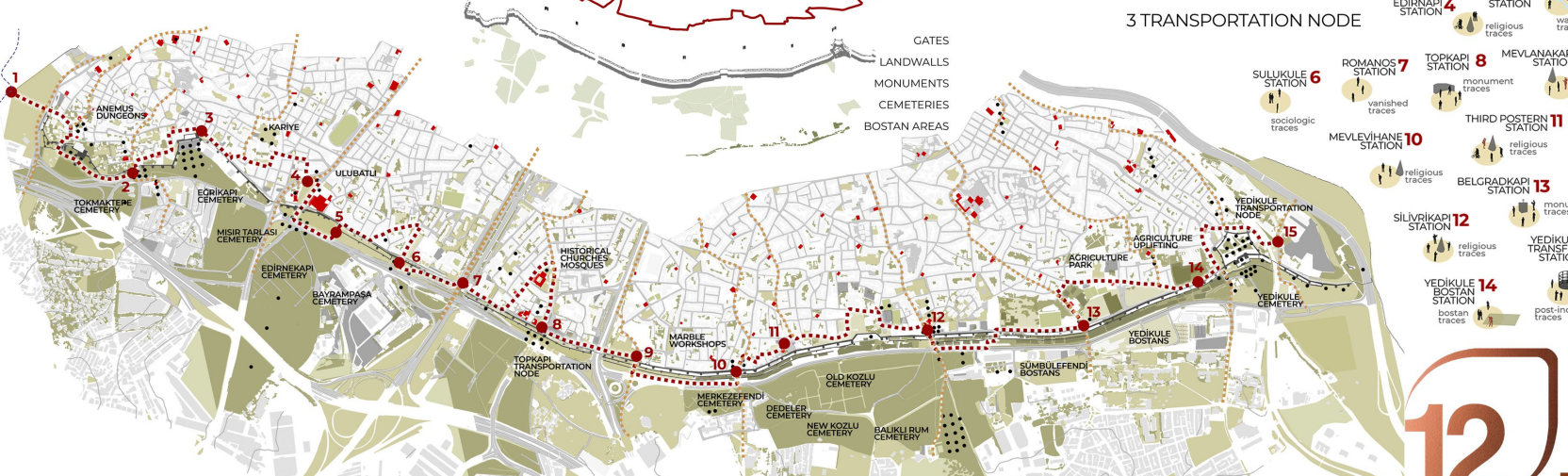


NOISE MAP



PHYSICAL FRAMEWORK

RETRACE ROUTE



A ROUTE LINKING DIFFERENT LAYERS OF ISTANBUL LANDWALLS

RETRACE ROUTE

15 MEMORY STATION

3 TRANSPORTATION NODE

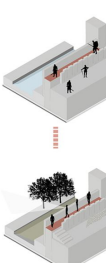
- 1 AVANSADAY STATION
- 2 EKIRKAPI STATION
- 3 TEKFOR STATION
- 4 EDIRNAP STATION
- 5 SULLUKULE STATION
- 6 SULLUKULE STATION
- 7 ROMANOS STATION
- 8 TOPKAPI STATION
- 9 MEVLANAKAPI STATION
- 10 MEVLEVIHANE STATION
- 11 THIRD POSTERN STATION
- 12 SILIVRIKAPI STATION
- 13 BELGRADKAPI STATION
- 14 YEDIKULE BOSTAN STATION
- 15 YEDIKULE TRANSFER STATION

RE:TRACE BY TRACING THE PAST INTO THE PRESENT

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SEĞİRDİM YOLU

The path on the landwalls where soldiers marched and stood guard behind "dendanlar" and the "crenel" also seğırdim yeri

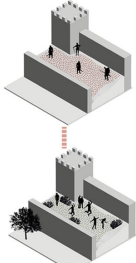


OBSERVATION CORRIDORS

Observing the areas within the walls as a flat height and looking at the area from within the walls.

PERİBOLOS

The area between the inner wall and the outer wall. It was designed for the soldiers to move freely between the walls during the sieges.

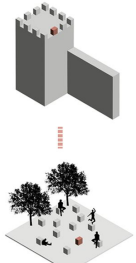


PLATFORM AND STAIRS

Exploring the inside of the landwalls, creating an interactive transition area between the inside and outside of the city walls.

DENDANLAR

The places where soldiers needed up while they were inside the bastions of the landwalls.

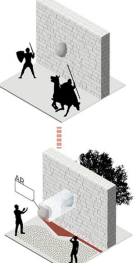


GATHERING AREAS

Creating a free gathering area for users with seating elements made of natural stone in the form of dendan.

STORIES AND NARRATIVES

The narratives found in travelogues, films and old books about the landwalls.

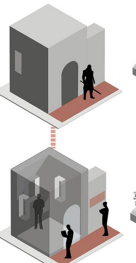


MEMORY STATIONS

To teach and transfer the cultural heritage of the area to the next generation with the installations and AR technologies.

BASTIONS

Wall sections built in order to increase the defensive effect on the landwalls and to easily switch to the counter-defense.



TEMPORARY MUSEUMS

To turn these areas which were designed as closed for defense purposes, into temporary exhibition and gallery units.

Nİ'MEL-CEYŞ KABİRLERİ

Tomb and graves of people who participated in the conquest of Istanbul in various places.

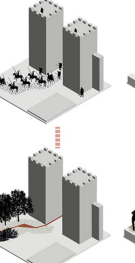


MEMORIAL POINTS

To create separate commemoration points for the conquest-burial areas located in scattered parts of the city.

ALAYLAR VE GEÇİTLER

Ceremonies, processions, parades and routes used in this area throughout history.

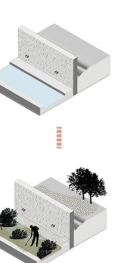


GREEN CORRIDORS

To make the traces of the parades and ceremonies made in ancient times readable from the ground of the green areas.

BARBAKAN

The water transmission openings made outside the land wall, usually on the opposite side of the ditch.



SURFACE WATER SYSTEMS

Reinstalling the old water system, bringing surface water runoff to rain gardens and soft texture.

GREEN CORRIDORS

BICYCLE-FRIENDLY: Spreading and disseminating environmentally friendly transportation within the city, reducing carbon emissions by promoting public transportation.

WIND CORRIDOR: Reducing air pollution and improves the thermal environment.

PEDESTRIAN-BASED STREET DESIGN: Implementing traffic calming practices, adding the green lane to the road and designing shared roads.

ECOLOGICAL CORRIDOR: Ensuring the integrity of the natural ecosystem of the region and supporting biodiversity.

ACTIVE GREEN AREA: Converting non-functional areas to active green space.

BIOSWALE: Removing rainwater pollutants with plants, preventing floods by managing runoff, supporting biodiversity.

SURFACE WATER: Bringing the water collected on the surface by water harvesting to the urban rain water line.

PLATFORM AND STAIRS

LEARNING AREAS: To create learning stops in the city about the history and values of the city.

INTERACTION WITH LANDWALLS: Being in interaction with the city walls, seeing the historical memory alive in a sensory way.

NEW FOCAL AREAS: New focal points, reduce congested areas in the city.

LOCAL TREES: Planting suitable for urban identity and climate.

COMMON CULTURE: Reviving similar cultural acts, common cultural fusions and social interaction.

RETRACE: LANDWALLS EXPERIENCES PROGRAMS

SURFACE WATER SYSTEMS

COMMON CULTURE: Reviving similar cultural acts, common cultural fusions and social interaction.

URBAN AGRICULTURE: Contributing to the local agriculture of the region.

INTERACTION WITH LANDWALLS: Being in interaction with the city walls, seeing the historical memory alive in a sensory way.

COLLECTIVE PRODUCTION: Interaction with new economies, collective production, sectoral harmony and continuity of use.

SENSE OF HISTORY: The interaction of people with the historical walls ensures the revival of urban memory.

LEARNING AREAS: To create learning stops in the city about the history and values of the city.

ACTIVE GREEN AREA: Converting non-functional areas to active green space.

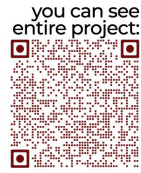
GATHERING AREA

SOCIAL INTERACTION: Supporting the community's need to share, integrate and be together with past programs.

SENSE OF HISTORY: The interaction of people with the historical walls ensures the revival of urban memory.

LEARNING AREAS: To create learning stops in the city about the history and values of the city.

COMMON CULTURE: Reviving similar cultural acts, common cultural fusions and social interaction.



you can see entire project

RETRACING THE HISTORICAL PATH WITH GREEN CORRIDORS

This green corridor, which passes through the Mevlevi-hane Gate and reaches the "Yenikapi Mevlevihanesi" outside the city wall, reaches the parks with religious themes and the mosques in the urban texture.



MERKEZ EFENDİ CEMETERY

İSTANBUL PANORAMA 1453 MUSEUM

MİMAR ASİM YILDIZ MOSQUE

İSTANBUL PANORAMA 1453 PARK

MEVLANAKAPI

TOPKAPI UNDERPASS

ŞAHİ MEMORY STATION

The bombard called "Şahi" has a big role in the destroyed parts of the city walls, "şahi" installations were placed for the reviving of the urban memory and identity of the city.

İDRİS PEHLİVAN TÜRBESİ

MEVLANAKAPI KARAKOLU

SPORTS AREA

GREEN CAR PARKS

PLATFORM & STAIRS

Exploring the inside of the landwalls, creating an interactive transition area between the inside and outside of the city walls.

BOSTAN SYSTEMS

"Social pocket areas" were created in the unused and deserted parts of the bostan areas. The joint of these pocket areas helps direct the surface water flow and the bostan water system.

MEHMET KETHUDA ÇEŞMESİ

KARAAĞAÇ MELEK HATUN MOSQUE

MEVLEVIPARK PARK PROPOSAL

Within the area, Mevlevi Park has been proposed as a station on the green corridor and historical route.

GREEN CAR PARKS

İSKENDER AĞA MOSQUE

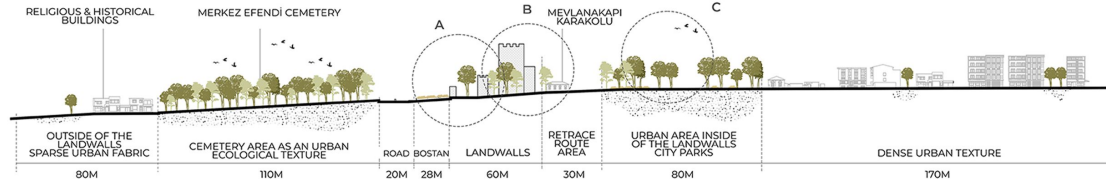
ELHAC EFENDİ MOSQUE

MİMAR ACEM MOSQUE

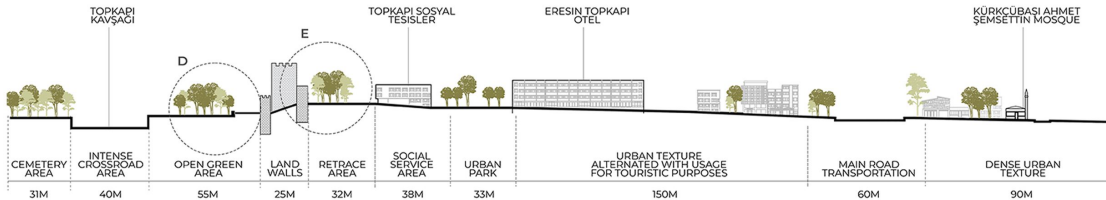
TARSUSİ MEHMET EFENDİ MESCİDİ



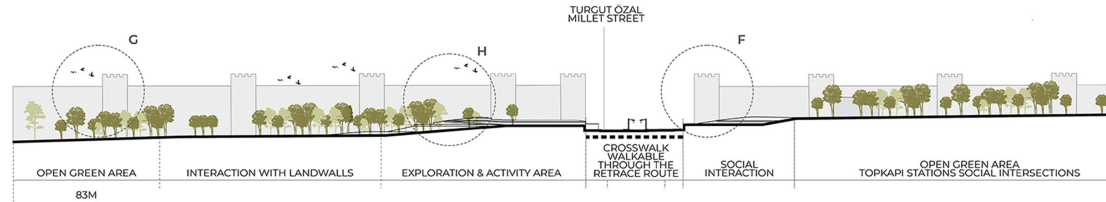
A-A' SECTION
SCALE: 1/1000



B-B' SECTION
SCALE: 1/1000



C-C' SECTION
SCALE: 1/1000



- A. OUTER LANDWALLS, INNER LANDWALLS, BOSTAN AREAS, SURFACE RUNOFF, WATER
- B. INFORMATION AREA, MEVLANAKAPI KARAKÖLÜ, GATE PERSONALIZATION
- C. INTENSIVE WOODED AREA, RECREATIONAL USAGE, LANDWALLS CAFE, KÜFEKİ STONE GATHERING AREA
- D. GÖD & DUVAR HÖKÜMÜLLERİ, TRANSFORMATION ZONE, TREE SPECIES FOR ANTI-POLLUTION
- E. RETRACE ACTIVITY INSIDE THE LANDWALL, DIRECT INTERACTIONS

