ROO[E]S 33

The architectural concept of "roo(u)tes" envisions a cultural conservatory formed by the creation of a new route, coexisting with nature while ensuring its natural rhythms are undisturbed. The project's name, a play on "roots" and "routes," reflects the transformation of military-controlled land, which has been used for private purposes instead of benefiting the public. The military presence is seen as the root of the issue, and the design aims to address this by creating a conservatory shaped by its routes. Paths that go beyond mere access, but define the entire space. Inspired by the origins of the RTC program, which historically came from Boy Scouts, the programming takes cues from merit badges, interpreting the essence of scouting like exploration, achievement, and connection, through interventions along the routes. These paths and bridges weave through the conservatory, subtly linking natural landscapes with the proposed cultural spaces. Drawing inspiration from the surrounding nature, including Doi Suthep and Navamin Lake, elements like floating mounds on thin sheets of water and fog help integrate the landscape into the conservatory. Ultimately, "roo(u)tes" offers a unique park experience that respects the land while inviting a journey of discovery and engagement.

Ministry of Defense Organization Act ‘Section 8’

Section 8: The Ministry of Defence has the following duties:

To safeguard the independence and security of the Kingdom from external and internal threats, to suppress rebellions and riots, and to ensure the military forces are available and utilized as prescribed by the Constitution of the Kingdom of Thailand or as defined by law.

To protect and safeguard the institution of the monarchy and to support the mission of the monarchy.

To protect and preserve the national interests and the democratic system of government with the King as the Head of State, to develop the country for its security, and to support other state missions in national development, disaster prevention and resolution, and assisting the people.

To study, research, develop, and undertake activities related to the national defense industry, military energy, scientific and technological defense, and space-related activities, information technology, and communications, in order to support the Ministry of Defence’s mission and national security.

To undertake other military operations not related to warfare but for the security of the Kingdom or any other operations, as defined by law or by resolution of the Cabinet.

In carrying out item (4), the Ministry of Defence may assign specific agencies within the Ministry or other affiliated entities to carry out these operations or may collaborate with the private sector under the provisions of the law.

PCCC

SHIFT IN IDENTIFICATION OF ‘PEACE’ : Re-emphasizing the organization act

Clause (1)

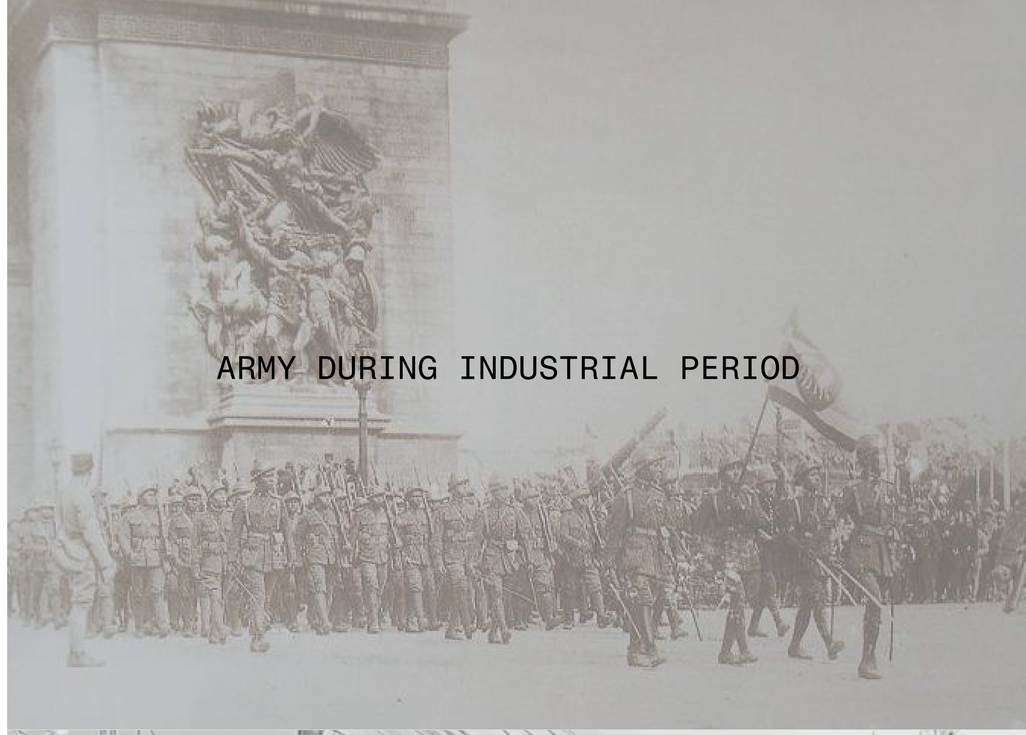
To safeguard the independence and security of the Kingdom from external and internal threats, to suppress rebellions and riots, and to ensure the military forces are available and utilized as prescribed by the Constitution of the Kingdom of Thailand or as defined by law.

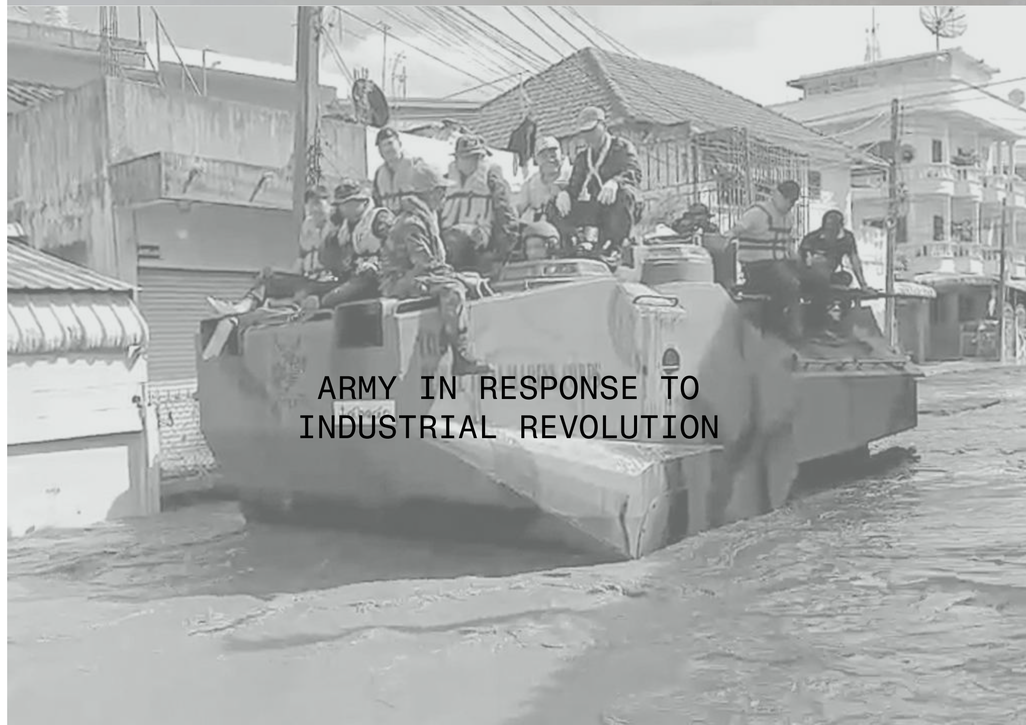
(RESULTS OF INDUSTRIAL REVOLUTION)

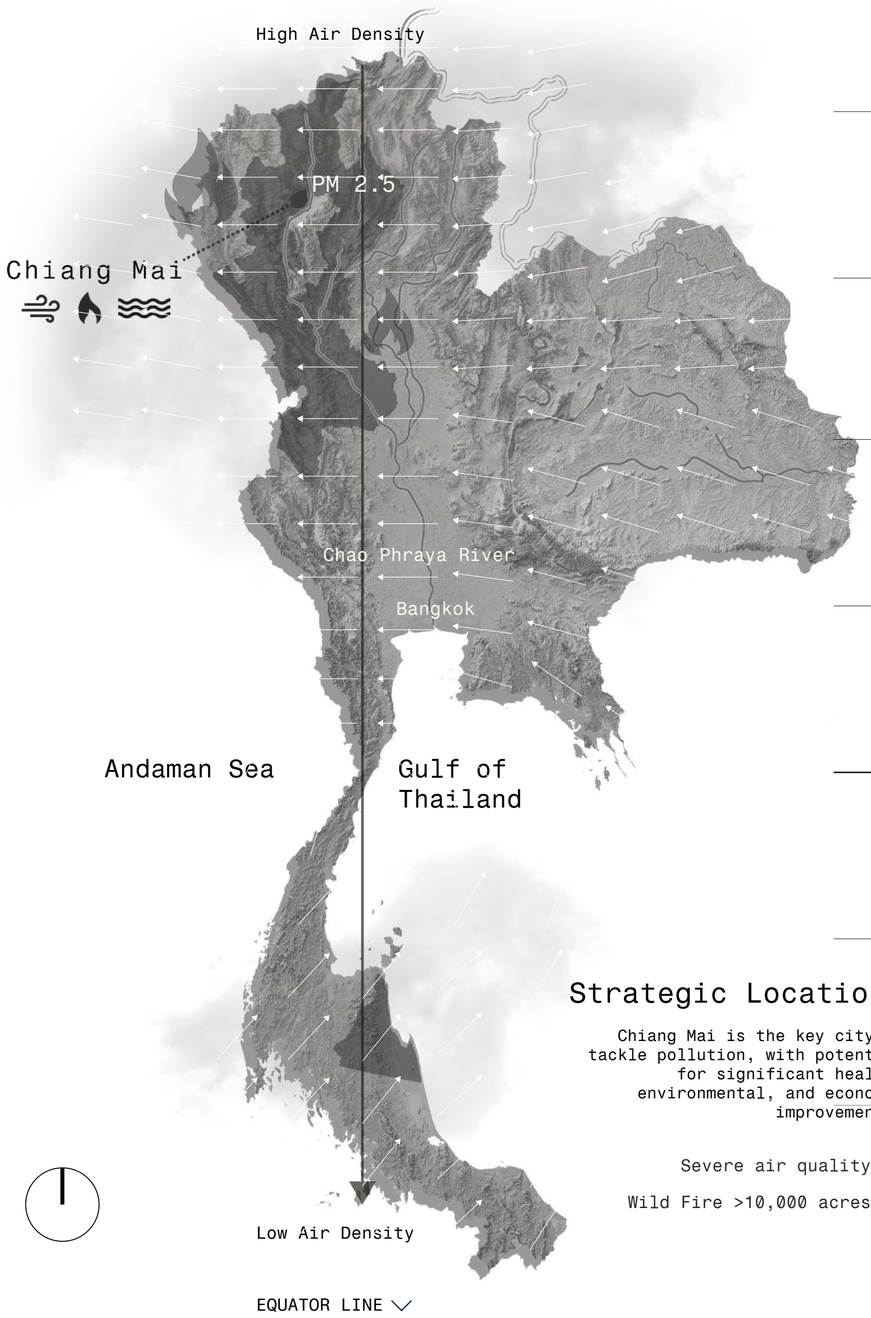
Clause (4)-(5)

To undertake other military operations not related to warfare but for the security of the Kingdom or any other operations, as defined by law or by resolution of the Cabinet.

In carrying out item, the Ministry of Defence may assign specific agencies within the Ministry or other affiliated entities to carry out these operations or may collaborate with the private sector under the provisions of the law.







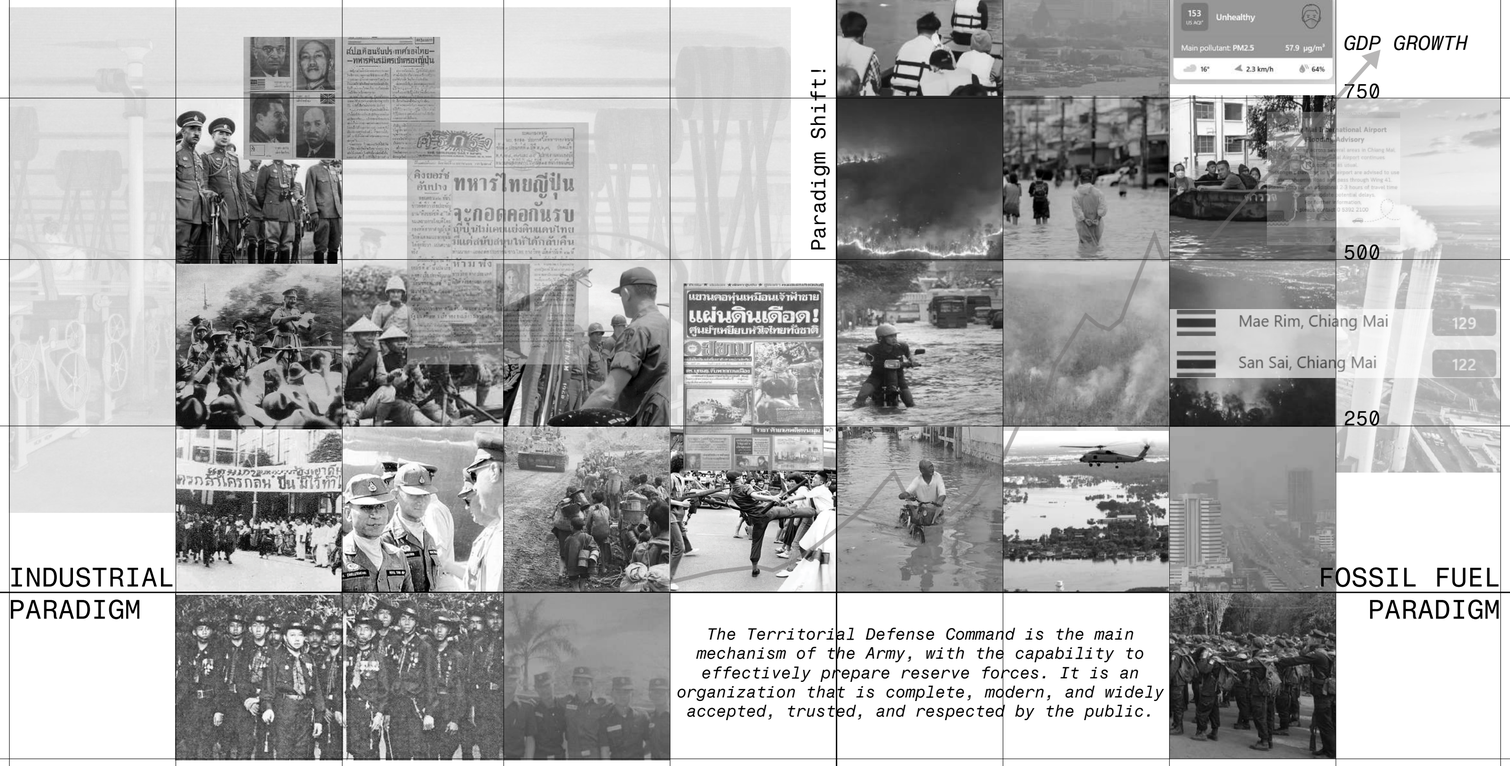
Strategic Location:

Chiang Mai is the key city to tackle pollution, with potential for significant health, environmental, and economic improvements.

Severe air quality ○

Wild Fire >10,000 acres ●

Events in Correlation to Military's Reaction...



PM2.5 x4.7

2023 average PM2.5 concentration in Thailand: 4.7 times the WHO annual air quality guideline value

The Territorial Defense Command is the main mechanism of the Army, with the capability to effectively prepare reserve forces. It is an organization that is complete, modern, and widely accepted, trusted, and respected by the public.

1940–1950	1950–1960	1960–1980	1980–2000	2000–2010	2010–2020	2020–2030
World War II *Sino-Thai War* *Thai-French War*	*Indochina War* *Korean War*	*Vietnam War* *Laotian War*	*Communist Insurgency in Thailand*	• *Northeastern Flooding 2008* • *Northern Wildfire 2005* • *Bangkok Flooding 2004* • *Northeastern Flooding 2000*	• *PM 2.5 Crisis 2018* • *Southern Flooding 2016* • *Chiang Mai Wildfire 2014* • *Bangkok Flooding 2011*	• *Chiang Mai Flooding 2024* • *Chiang Mai Wildfire 2021* • *Thailand's constant PM 2.5*

Politics & Society

POLITICS

27 Sep 64

Phinnaphan Phochana

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Light

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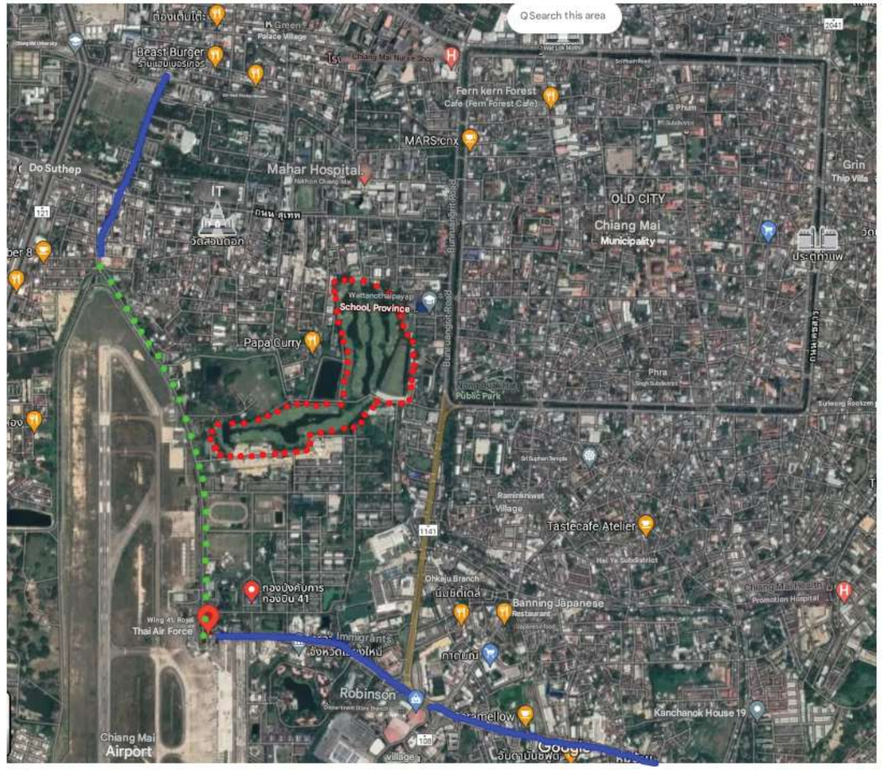


The assumed route of the golf course, Wing 41, Chiang Mai, southwest of the city. The red line is the golf course. The green line is the road within Wing 41 that will connect to the upper part of Nimmanhaemin Road and the lower part of Mahidol Road to Chiang Mai Airport.

WING 41: Chiang Mai, Thailand

Lease Agreement for Crown Property :

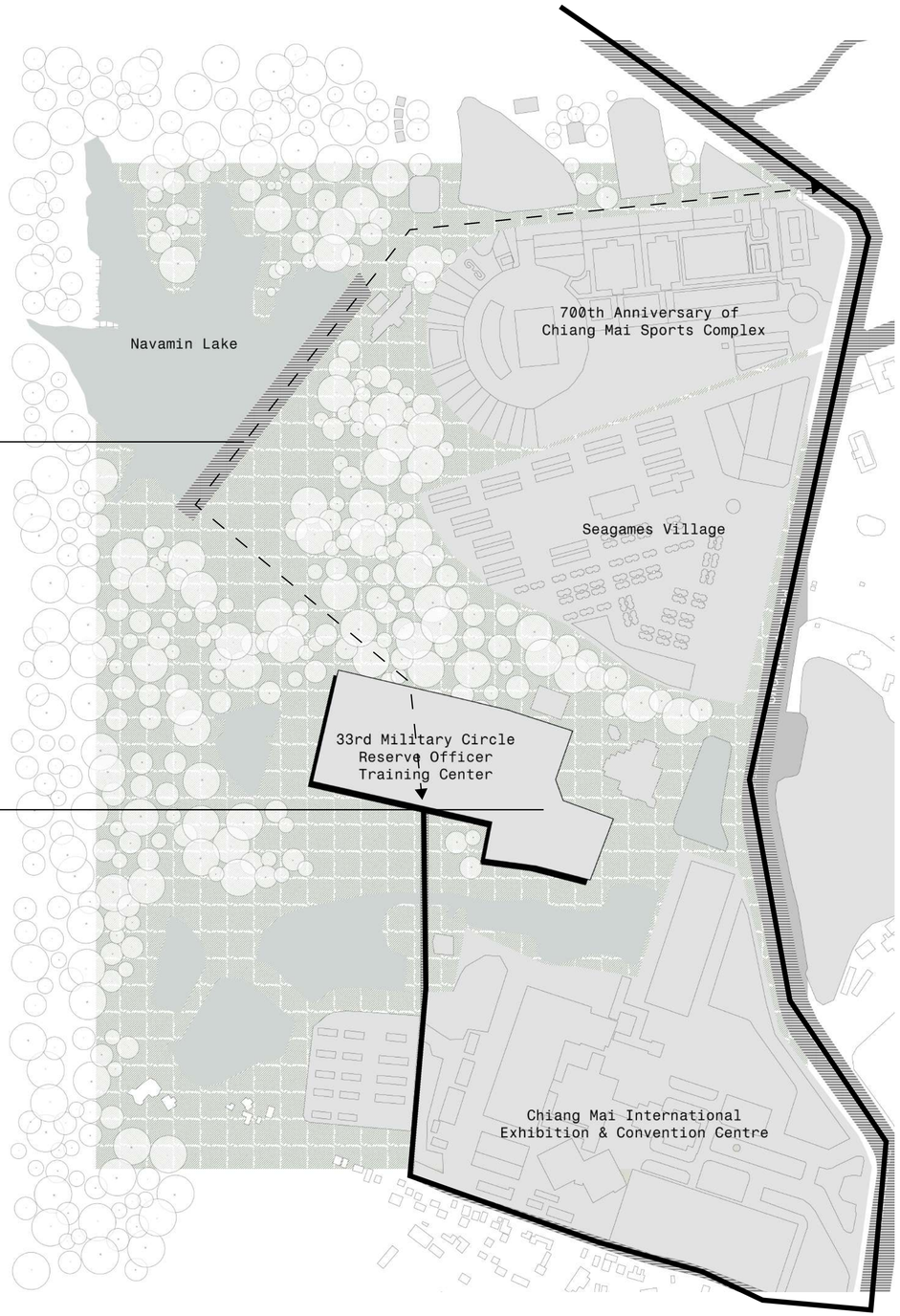
In 2024-2025 government has agreed to lease around 32,000 acres of the crown’s properties

How many is too many?

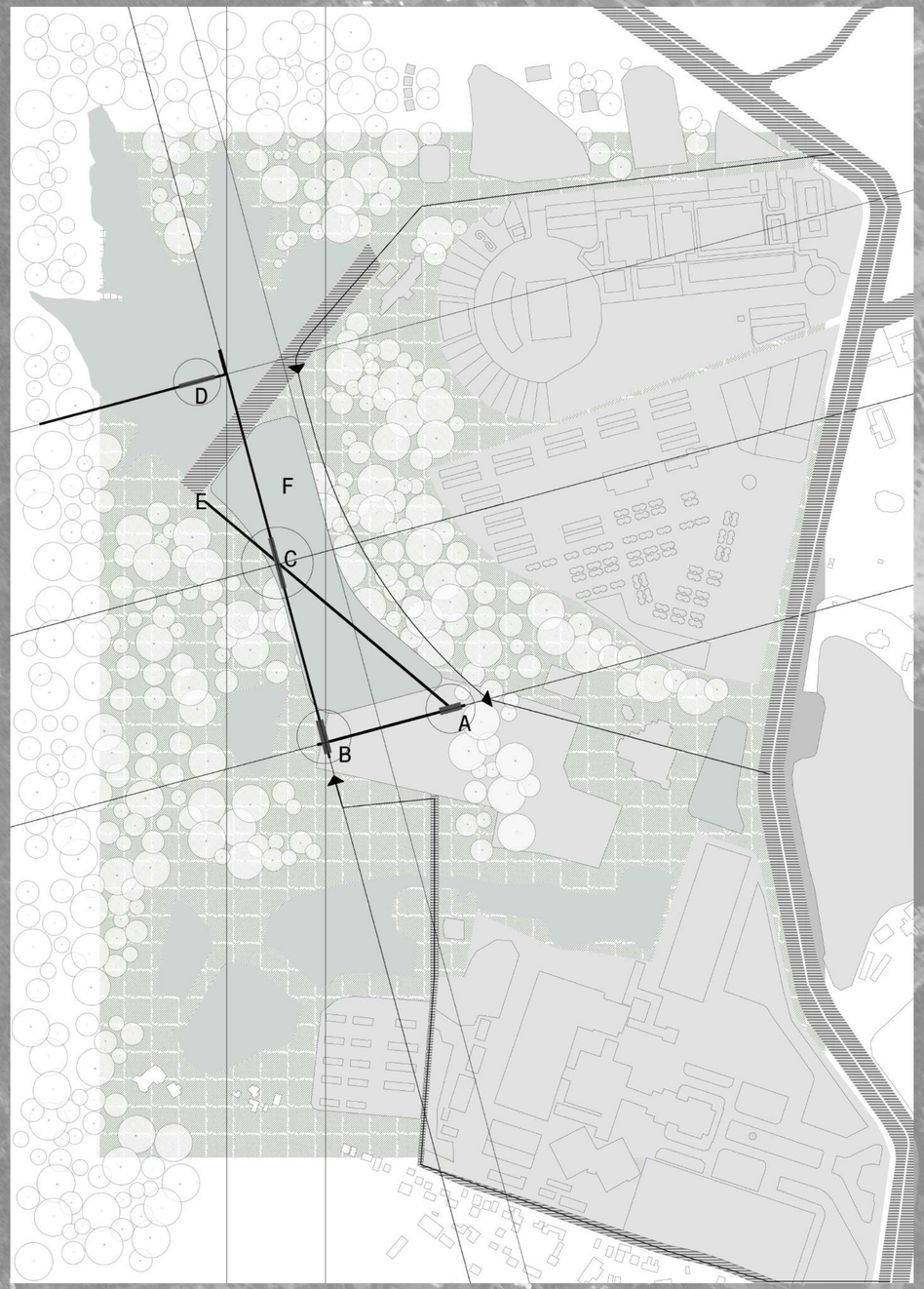
Doi Suthep
Mueng Chiang Mai
Navamin Lake
700th Anniversary of
Chiang Mai Sports Complex
Seagames Village
33rd Military Circle
Reserve Officer
Training Center
Chiang Mai International
Exhibition & Convention Centre

Desire Lines that can be created by this alternative route which acts as an access way to the military land as well.

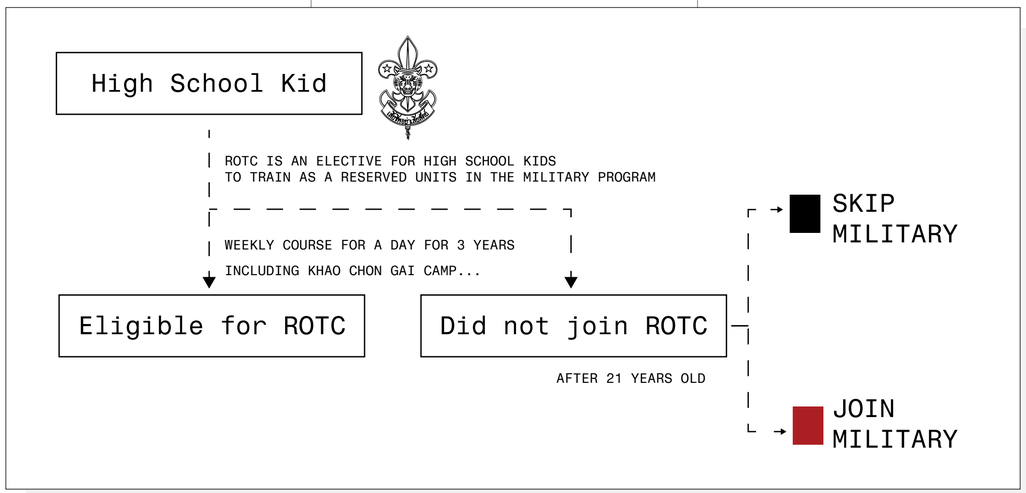
The Military is Blocking a loop that can connects an alternative/scenic route and facilitate publics.



Doi Suthep



Mueng Chiang Mai



1922

Rama 6
establishment of
National Boy Scout
“Sue Pa”

1934

Later became
Youth Soldier
Program

1938

Branches of into
National Boy Scout
Program

1940s

ROTC:
Reserved Officer
Training Corps

1973

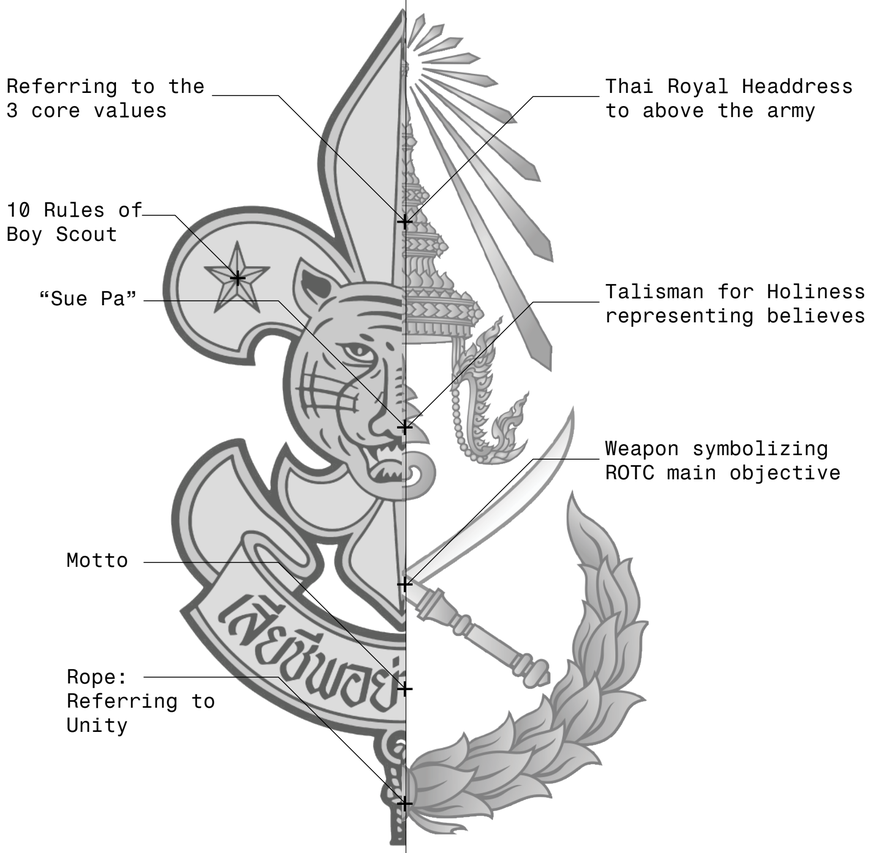
Soldiers
VS
Public

2000s

Resisting
ROTC Program

Process: Revisiting

Process: Revisiting

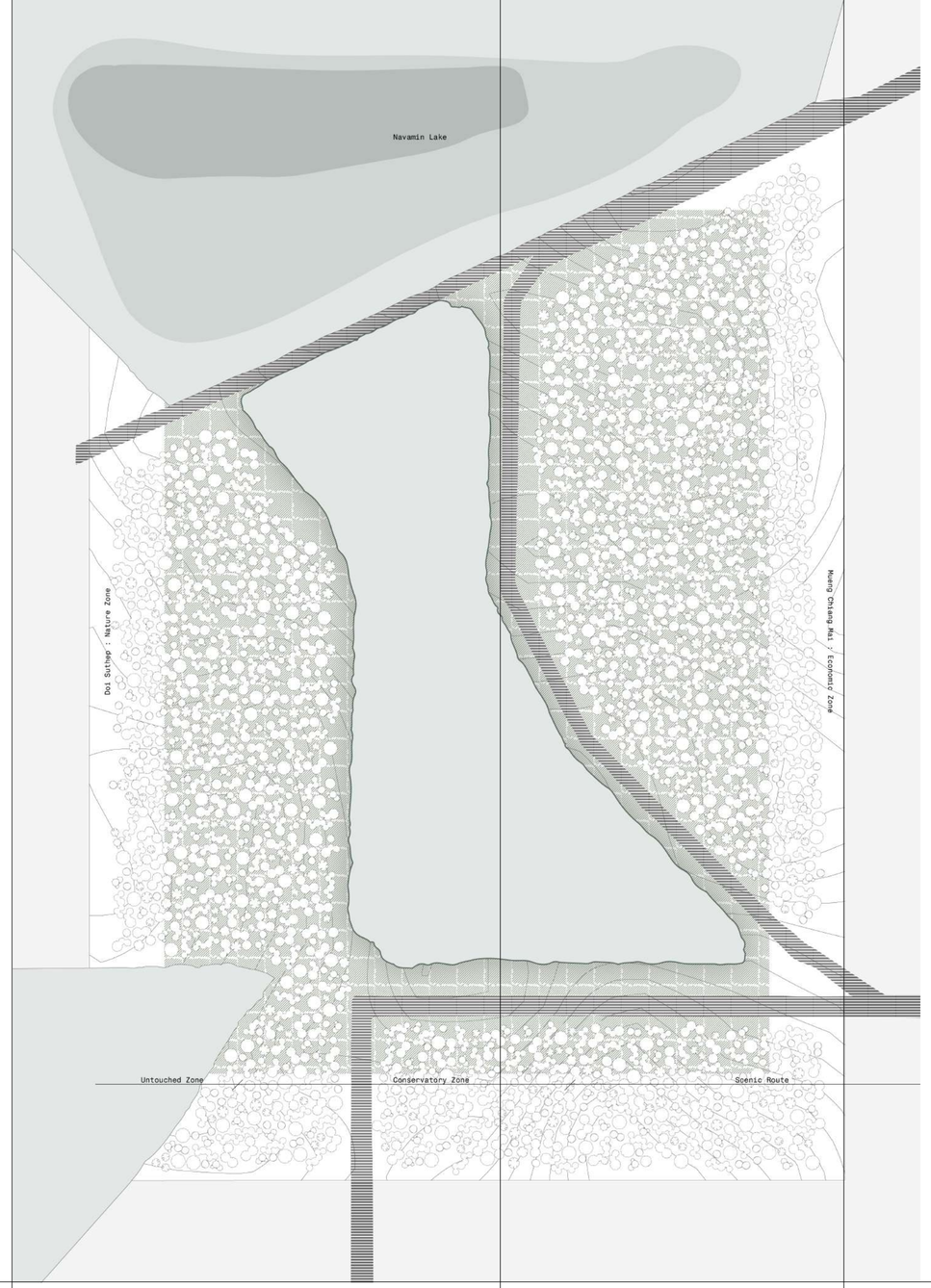


ROTC Badges:

01. Cadets’ General Director
02. Parachuting Badge
03. Sniper Badge
04. Special Force Badge
05. Tower Jumping Badge
06. Medical Badge
07. Shooting Badge
08. Cadets’ Director
09. Volunteering Badge

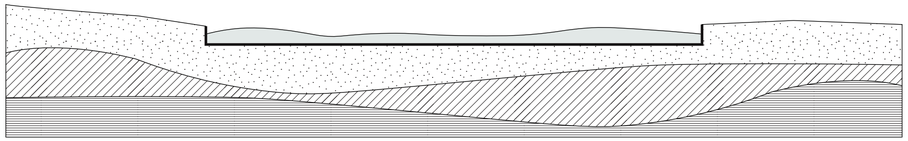
Process: Revisiting

ROUTES
NATURE
PROGRAM
ARCHITECTURE
ROOTS



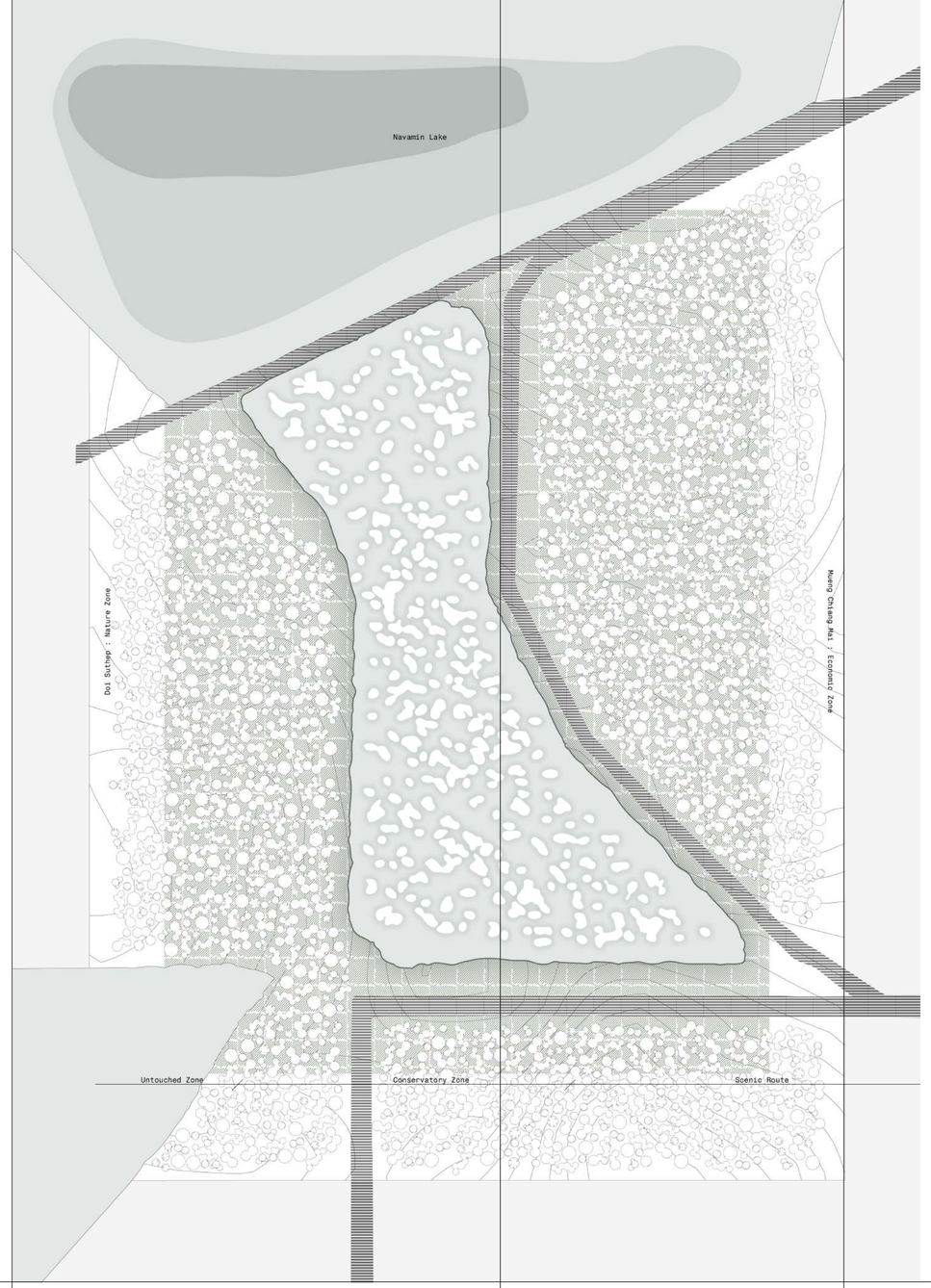
Landscape

Key features of nature that have always been existing but never coexist...



Untouched Nature | Cultural Conservatory | Scenic Route | Economic Zone

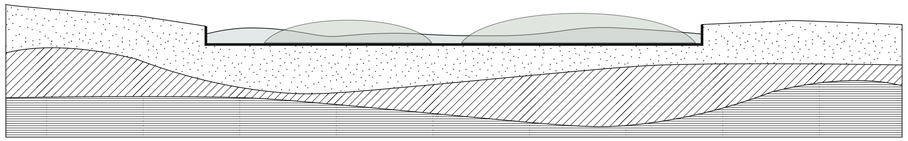
Process: Unbuilding



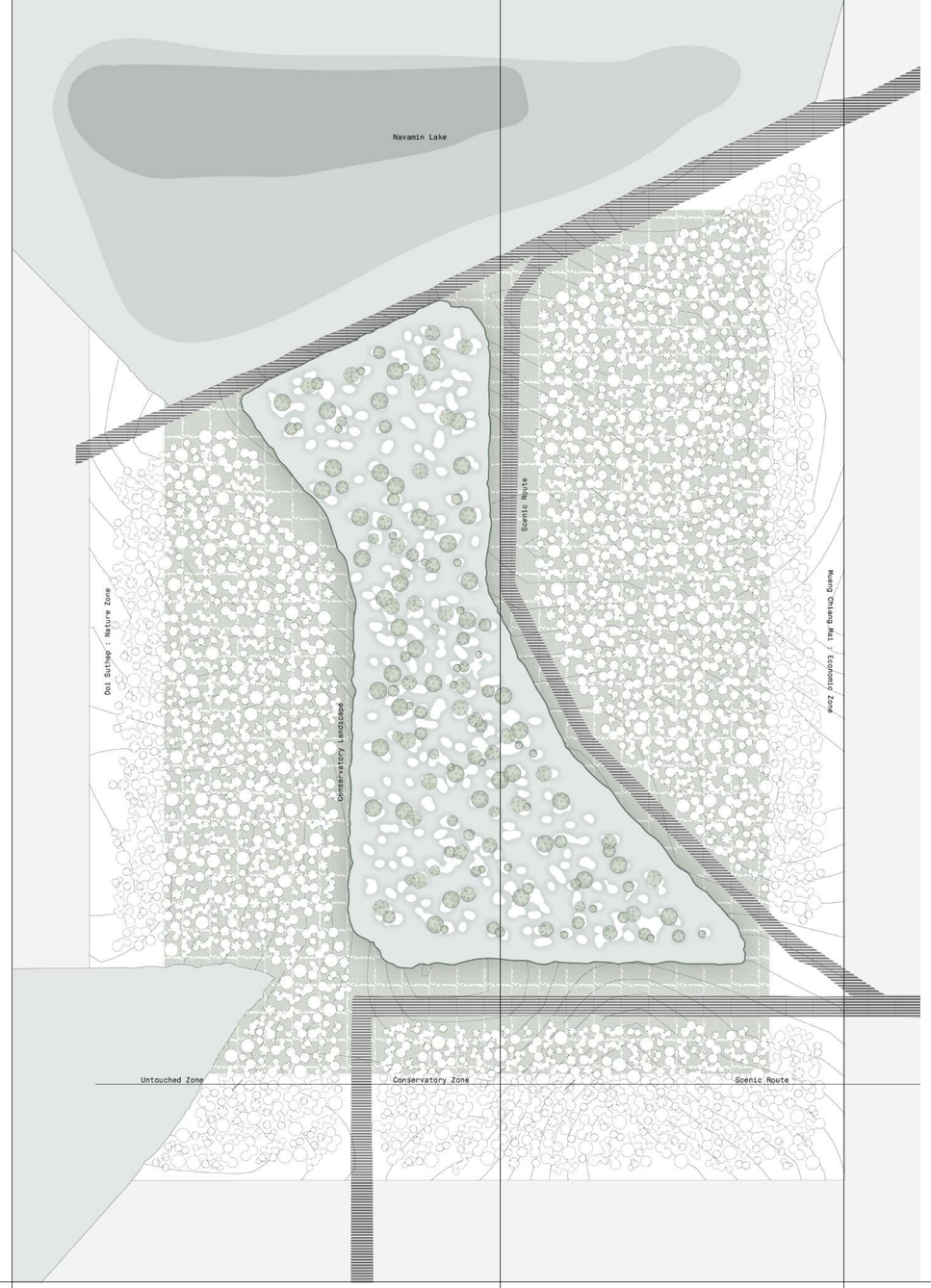
Untouched Nature | Cultural Conservatory | Scenic Route | Economic Zone

Landscape

Key features of nature that have always been existing but never coexist...

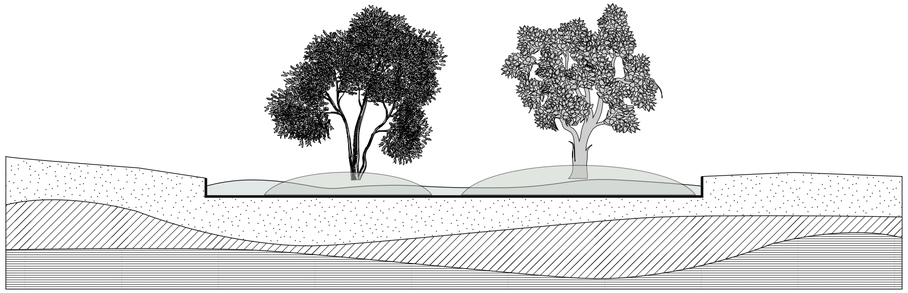


Process: Unbuilding



Landscape

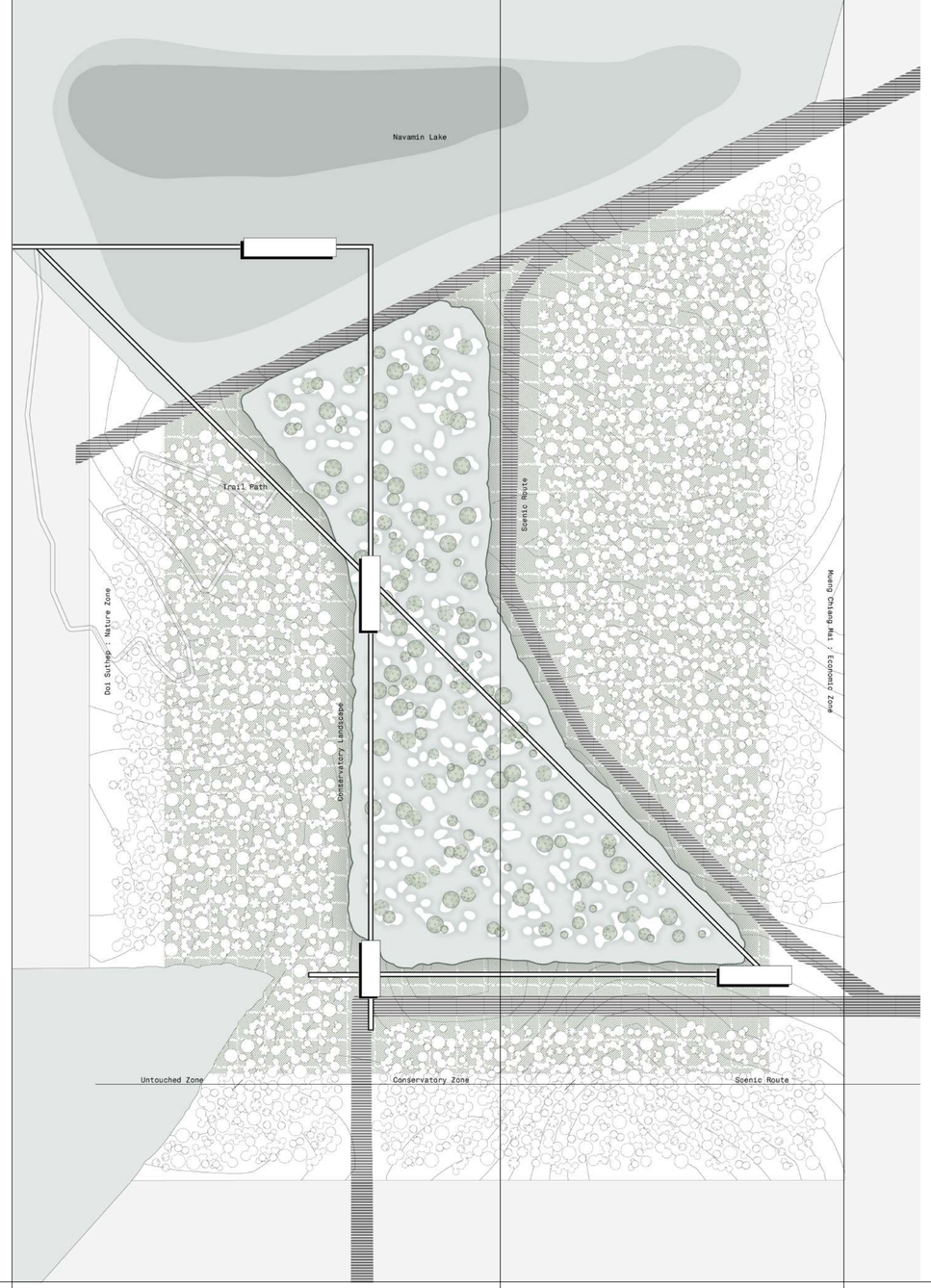
Key features of nature that have always been existing but never coexist...



Untouched Nature | Cultural Conservatory | Scenic Route | Economic Zone

Process: Unbuilding

Unbuilding the original traning center

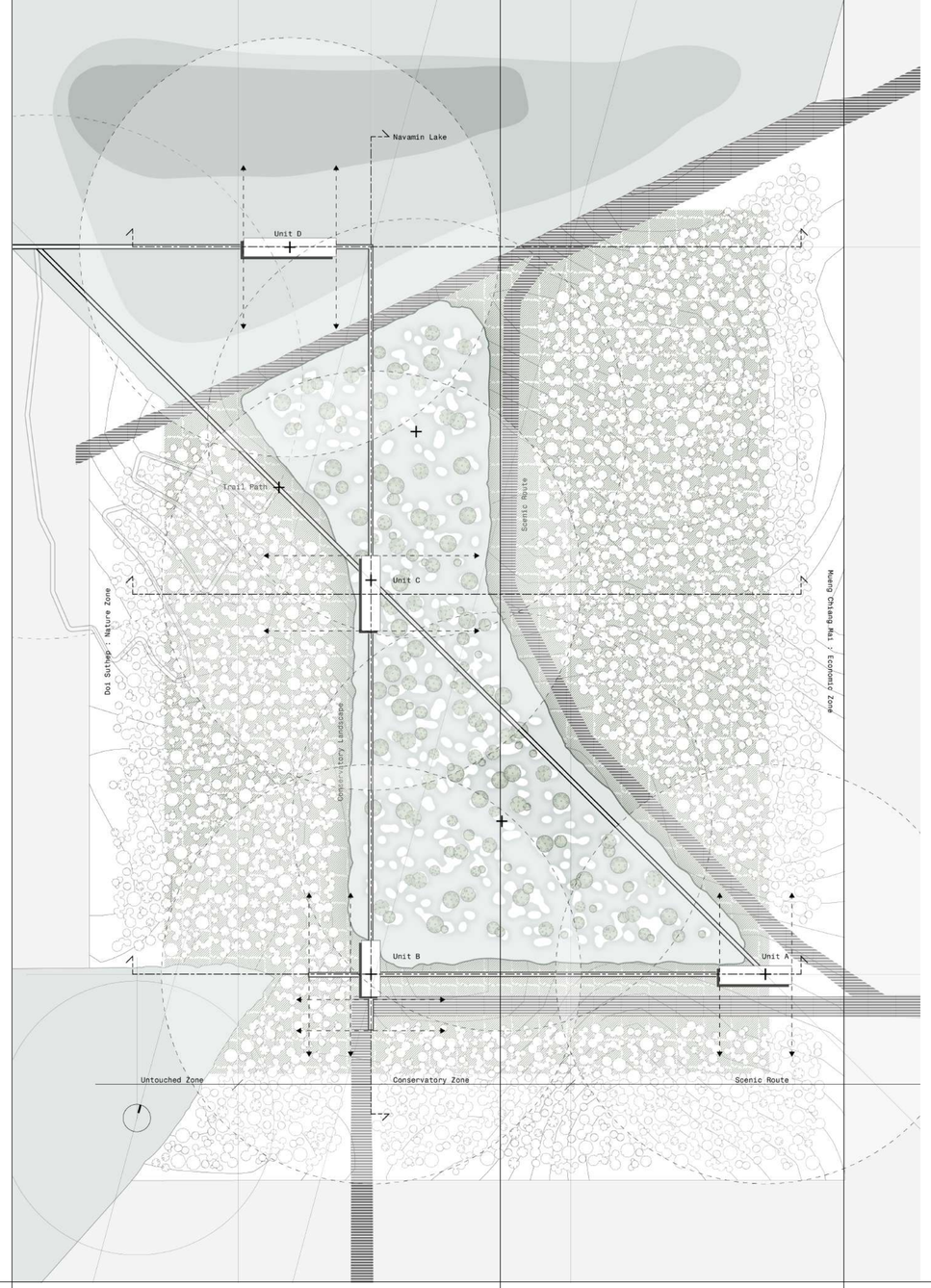


Programs

Depiction of scenarios that refers to
merit badges that relate to nature and landscape.

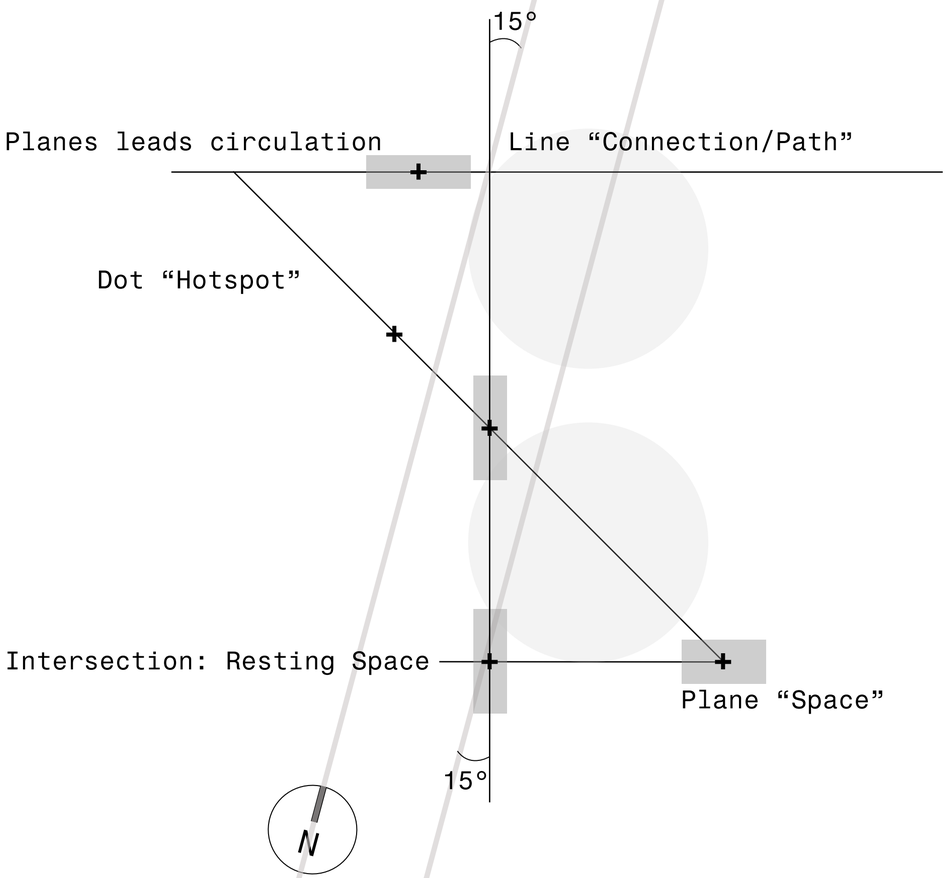
Untouched Nature | Cultural Conservatory | Scenic Route | Economic Zone

Process: Re-building



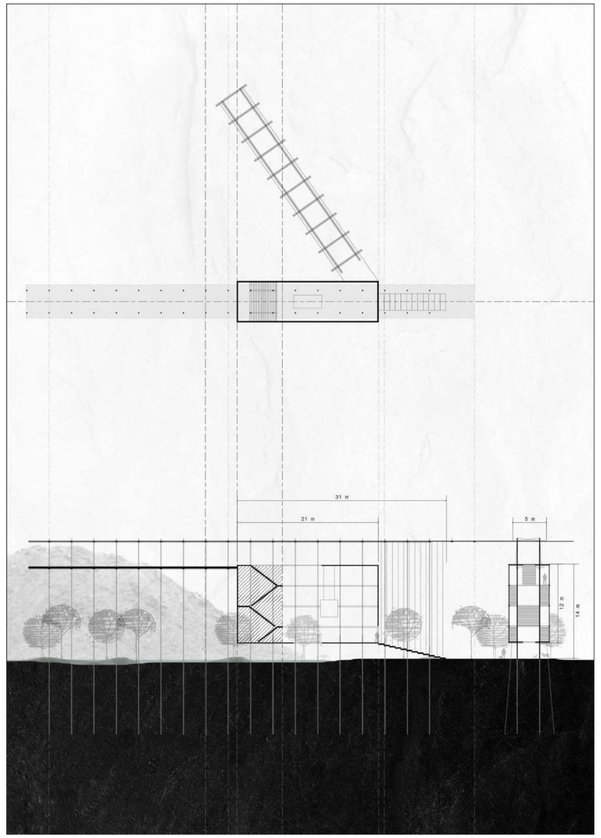
Architecture

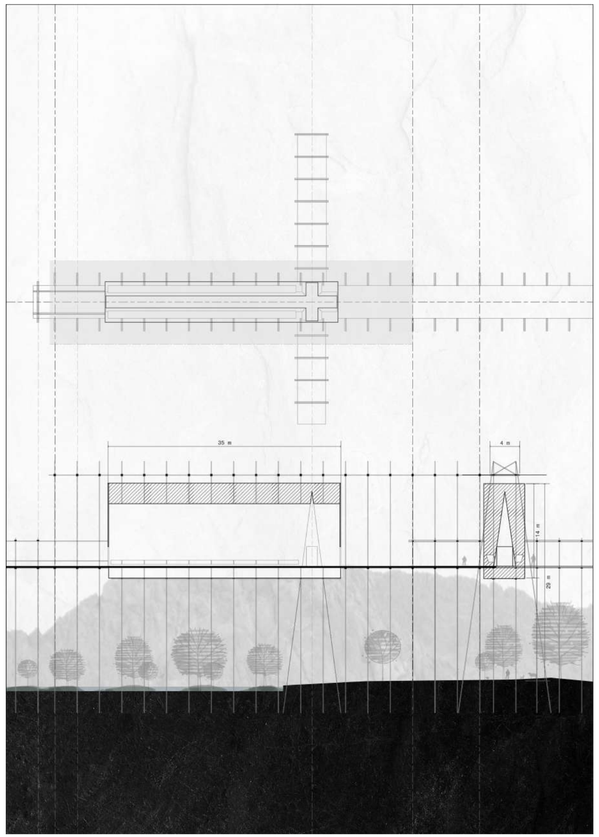
Root definition of architecture redefined.

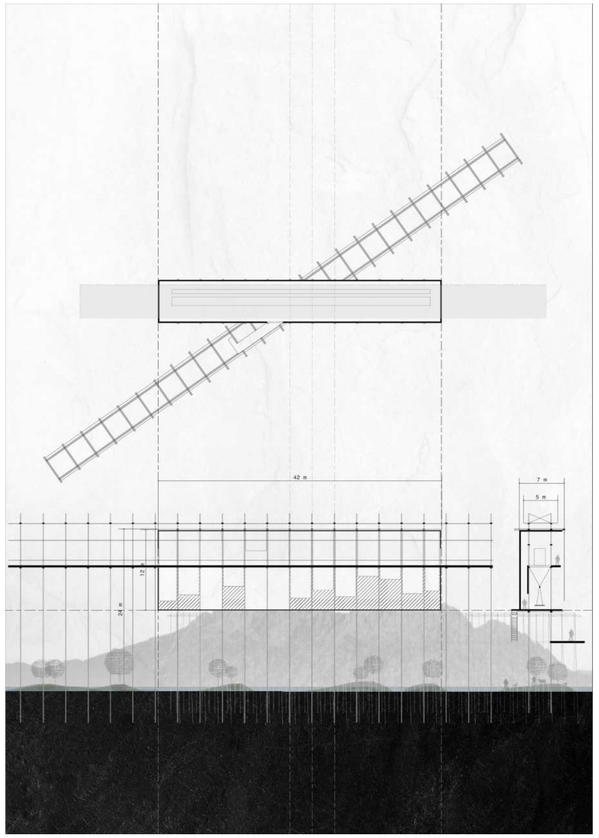


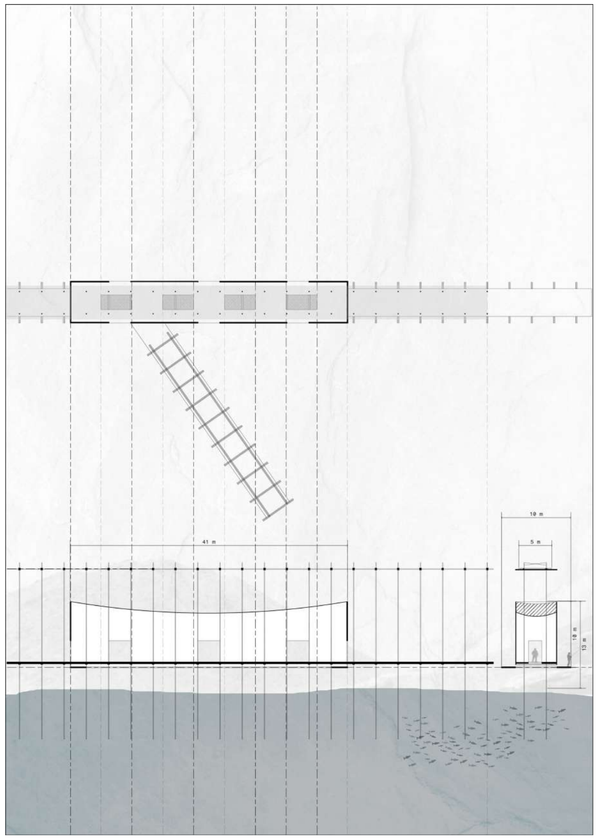
Untouched Nature | Cultural Conservatory | Scenic Route | Economic Zone

Process: Re-building

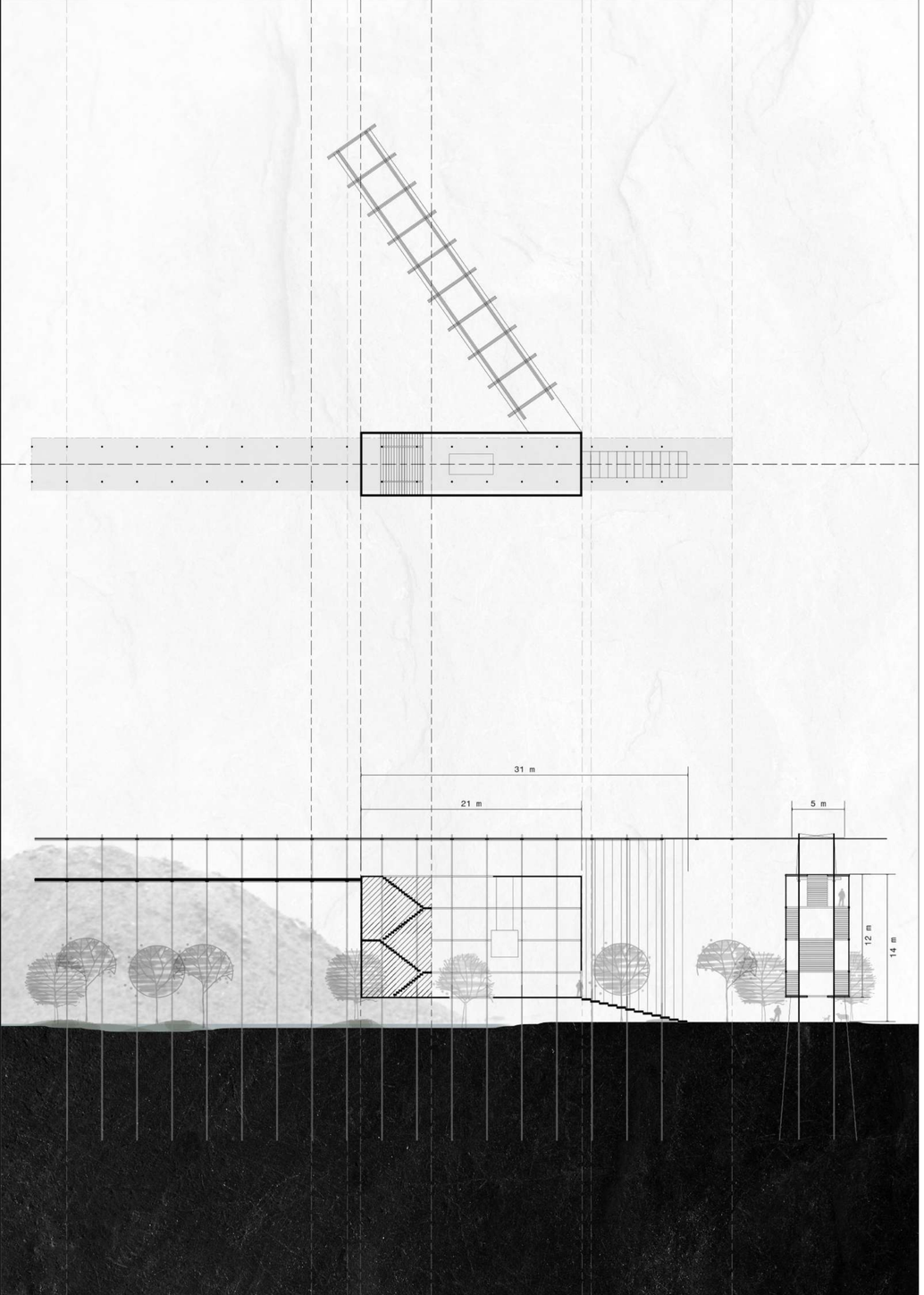


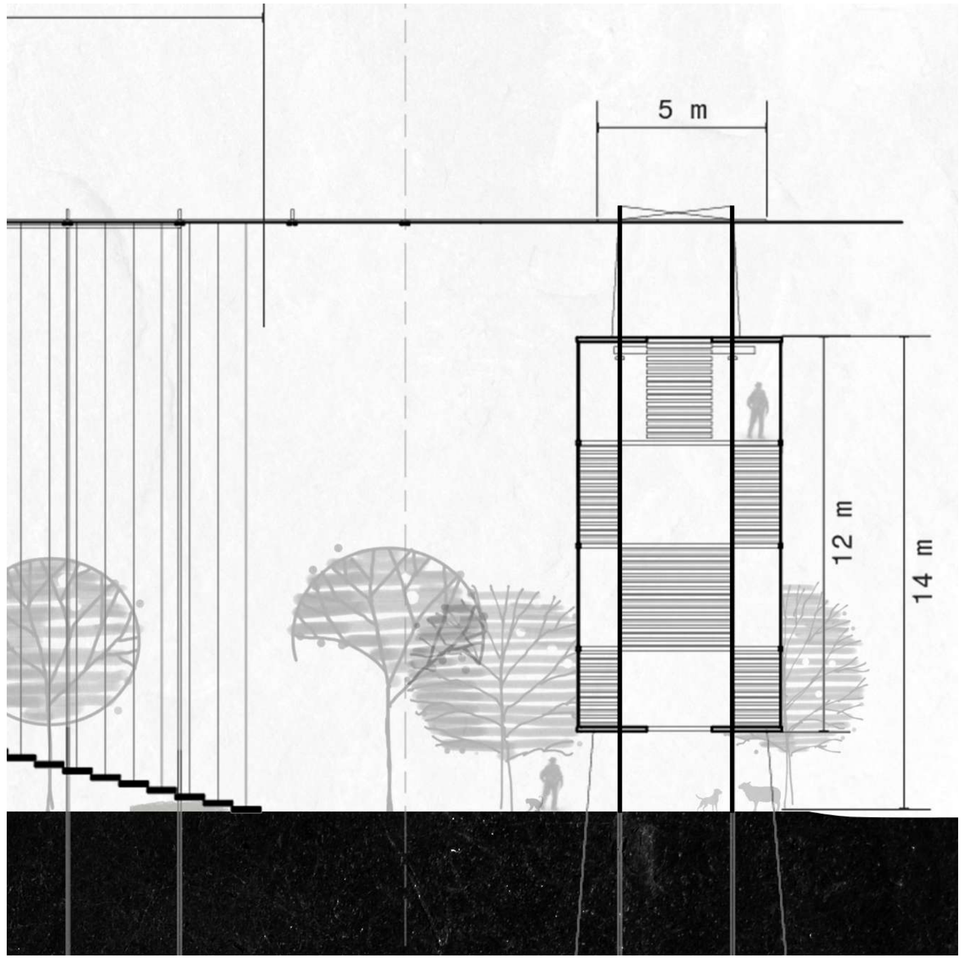






Process: Re-building

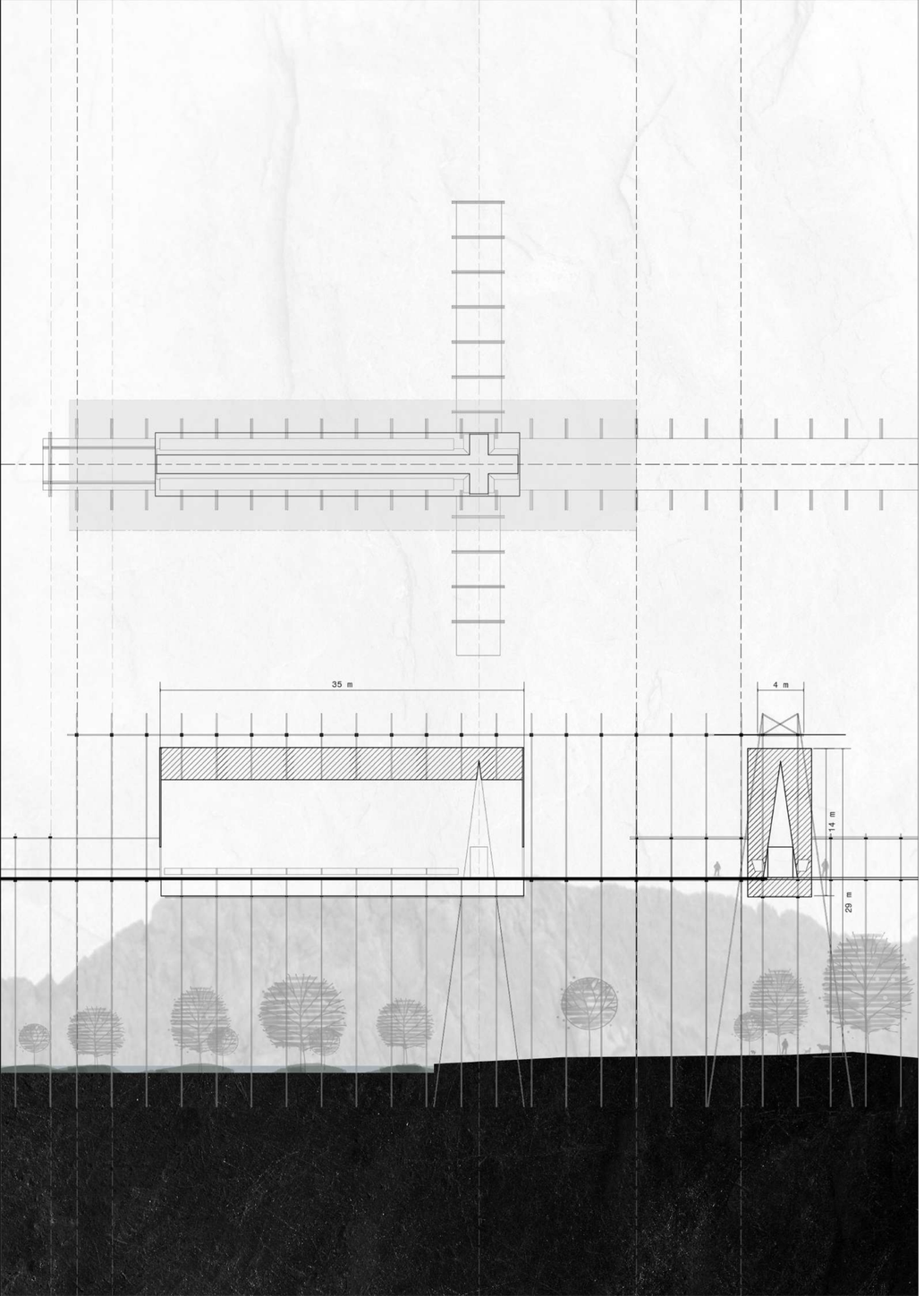


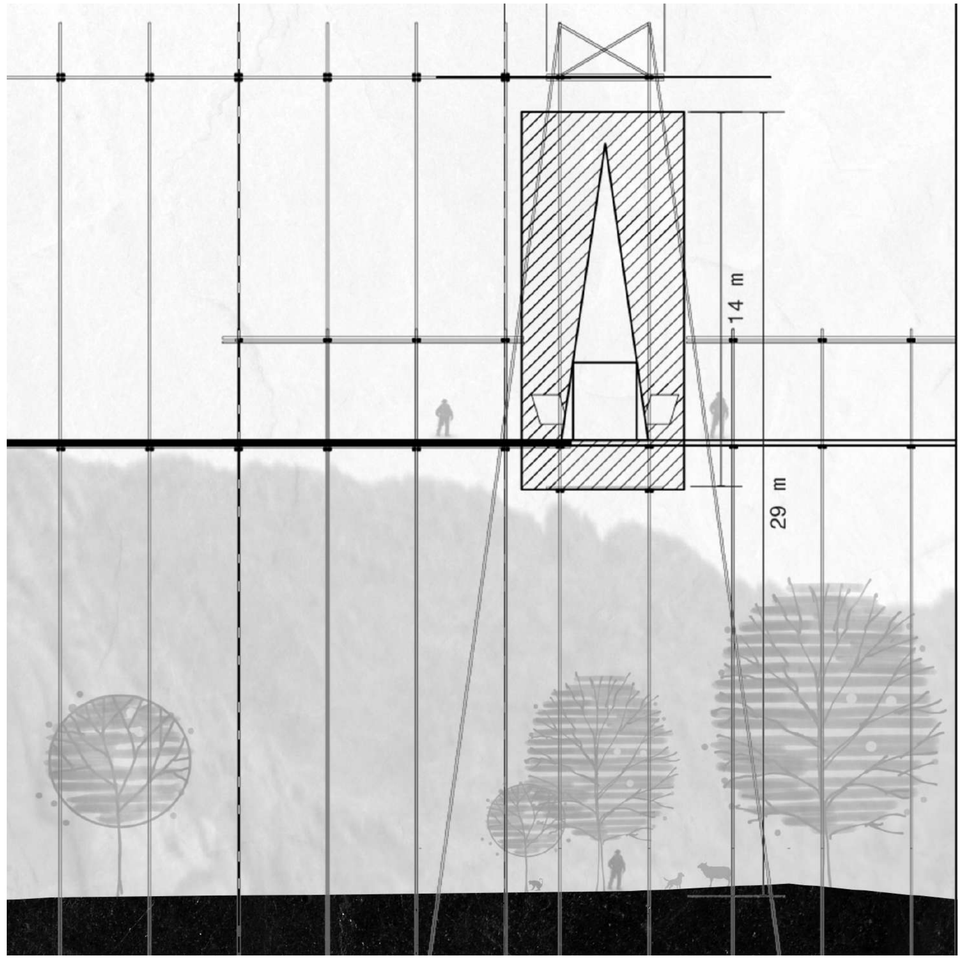


Process: Re-building

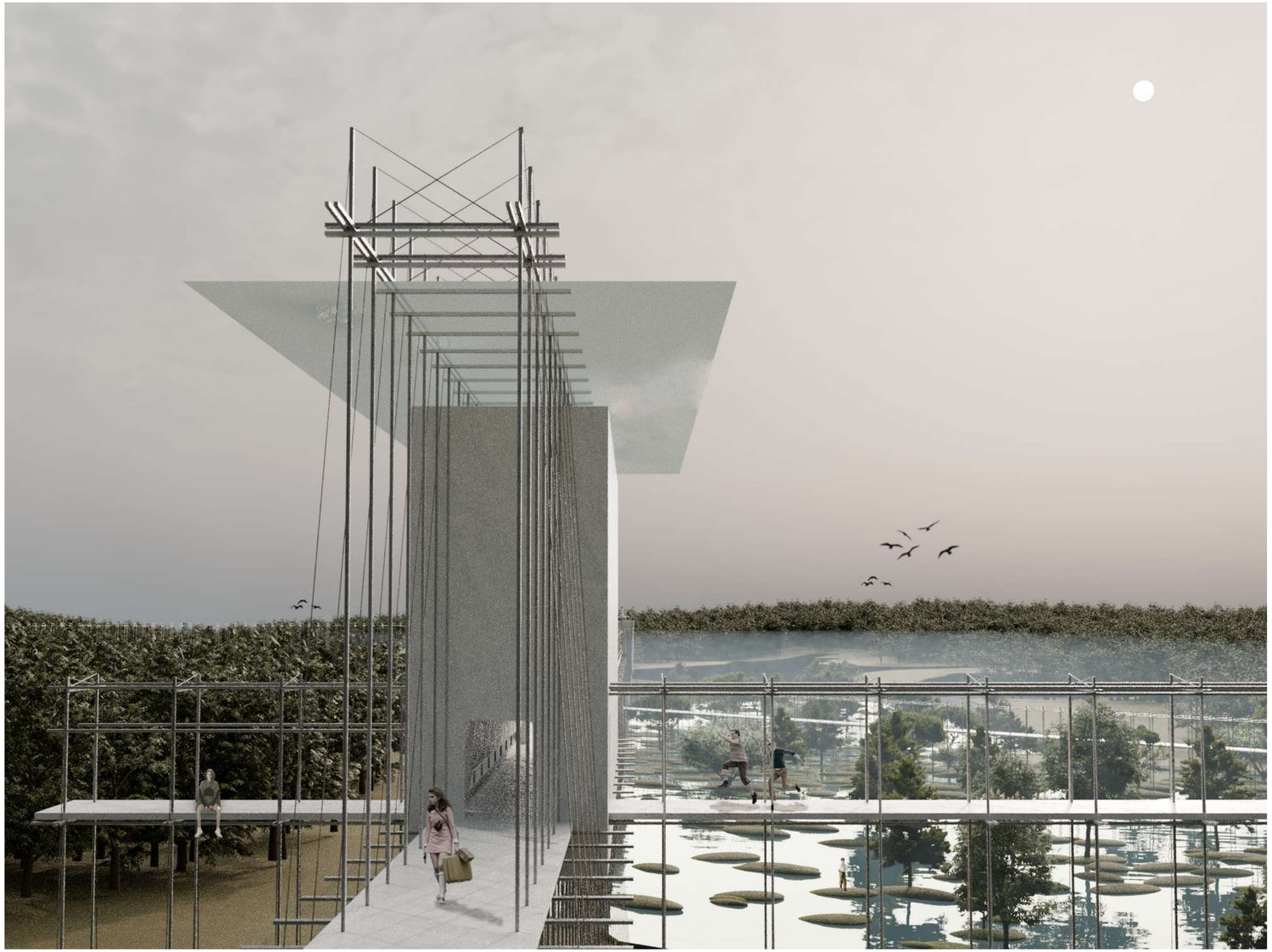
Intervention A

Process: Re-building



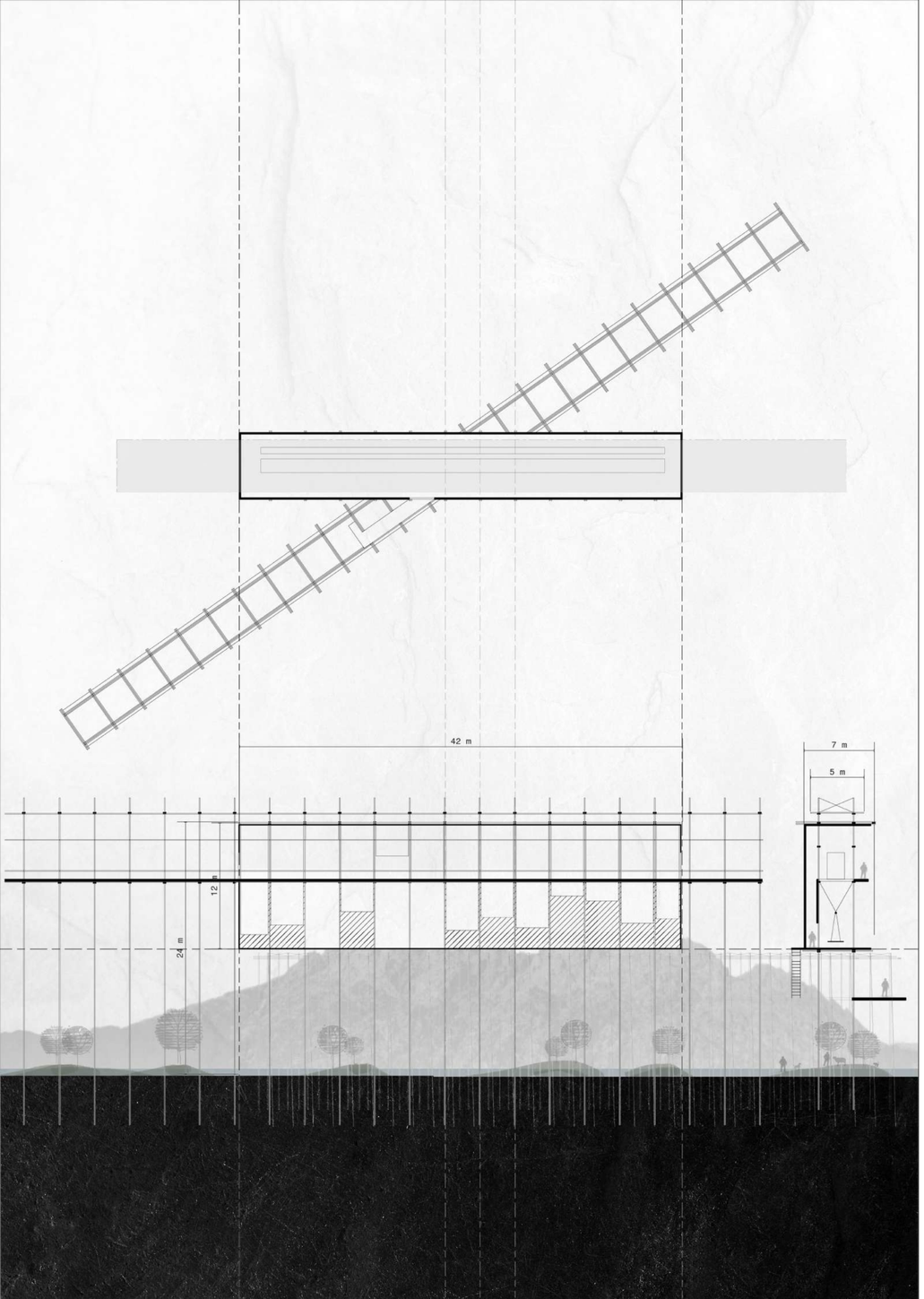


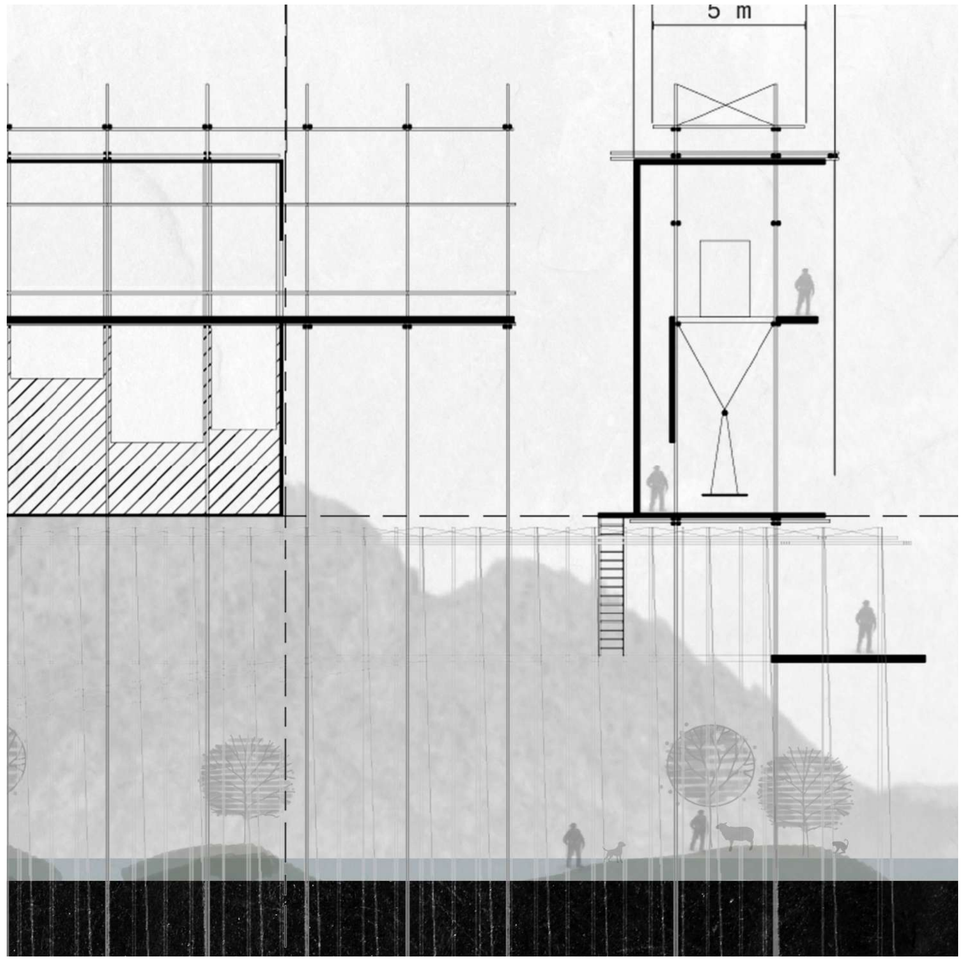
Process: Re-building



Intervention B

Process: Re-building

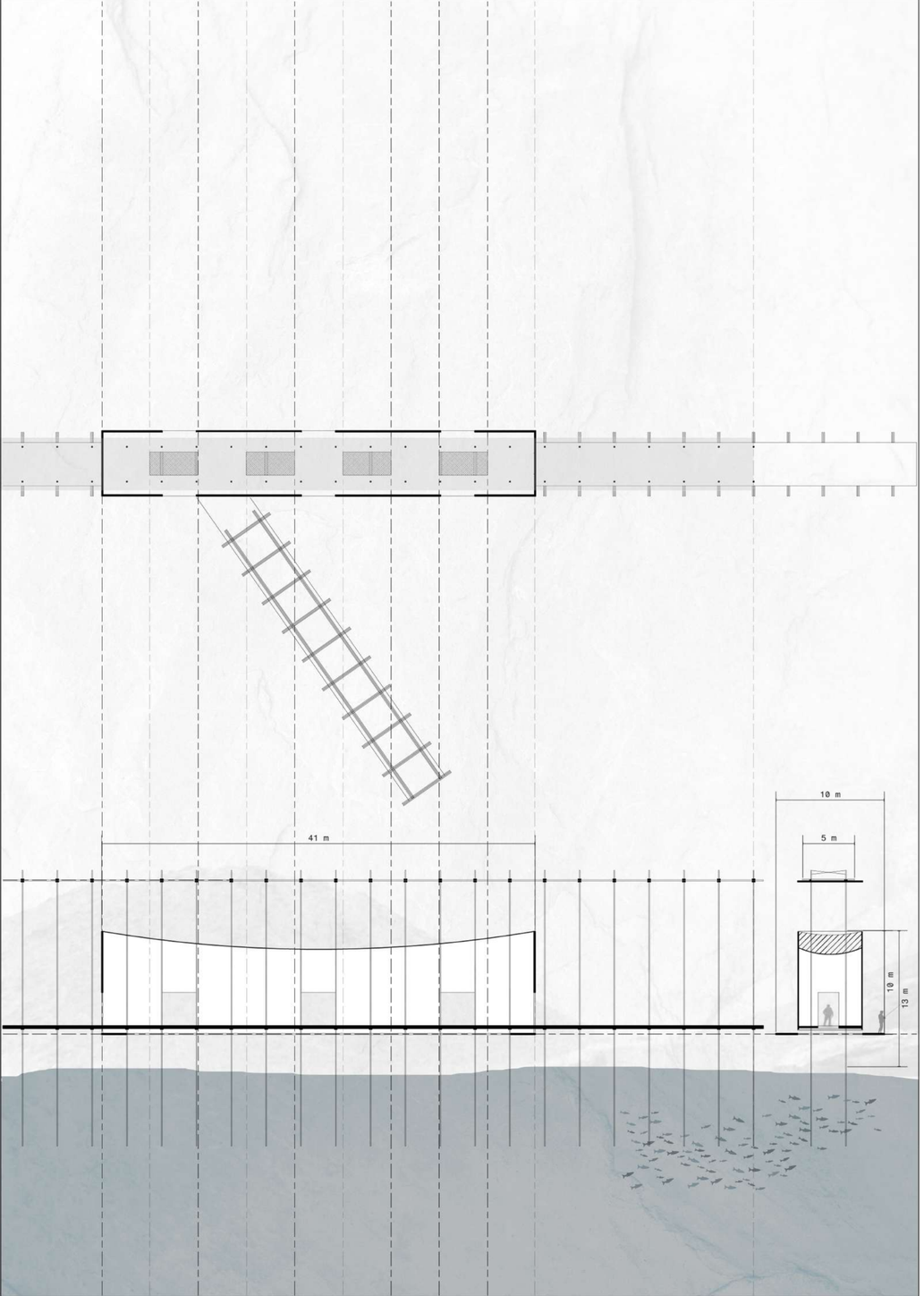


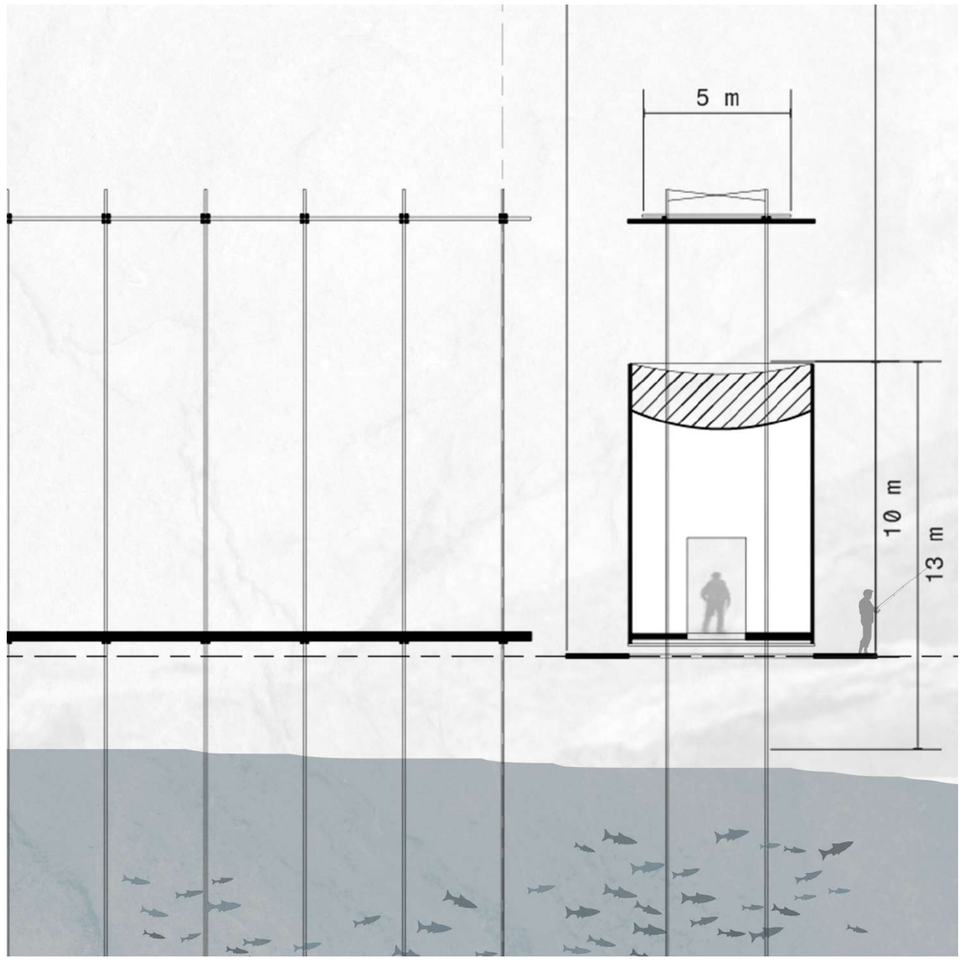


Process: Re-building

Intervention C

Process: Re-building





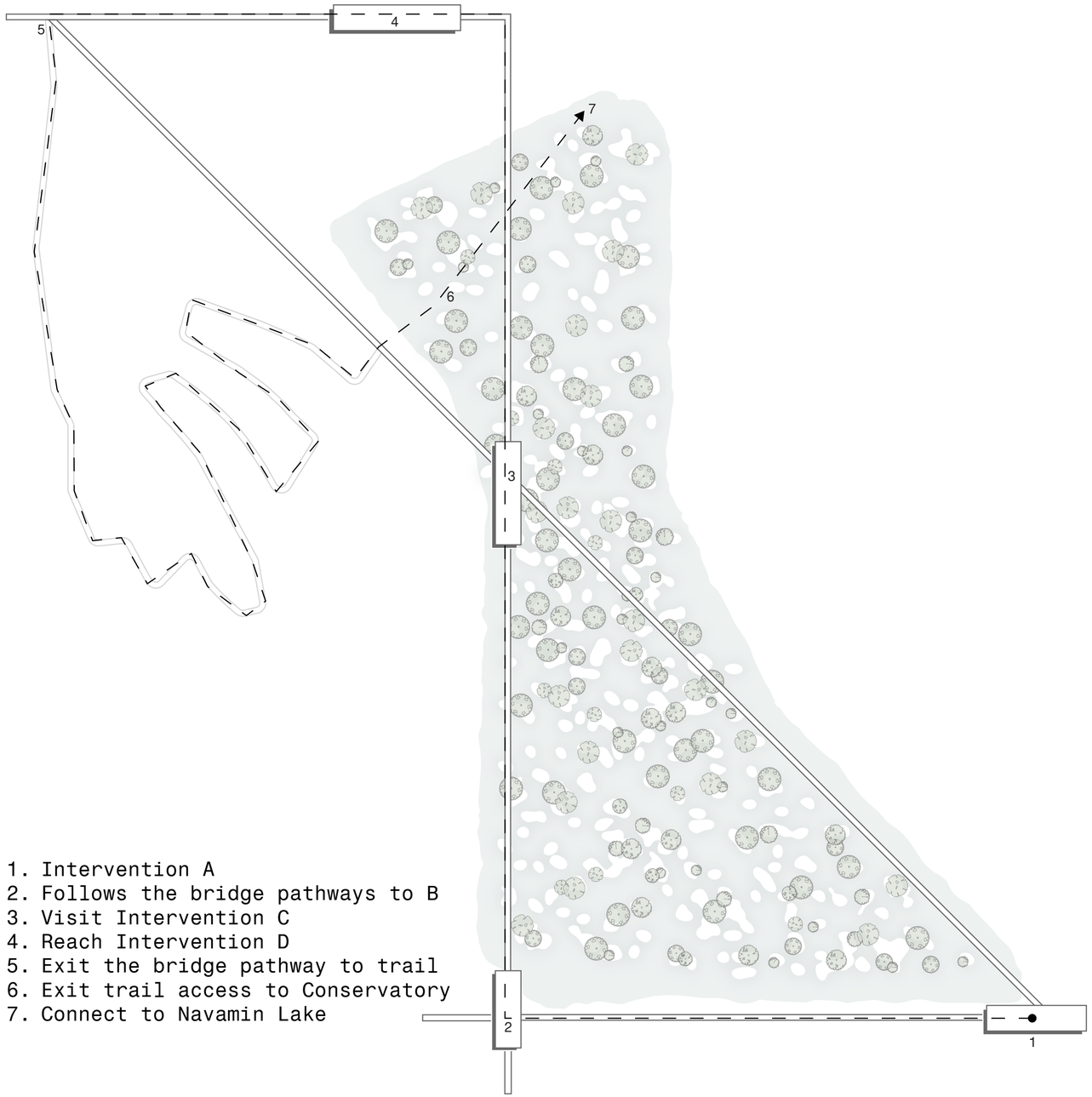
Process: Re-building

Intervention D

Process: Re-building

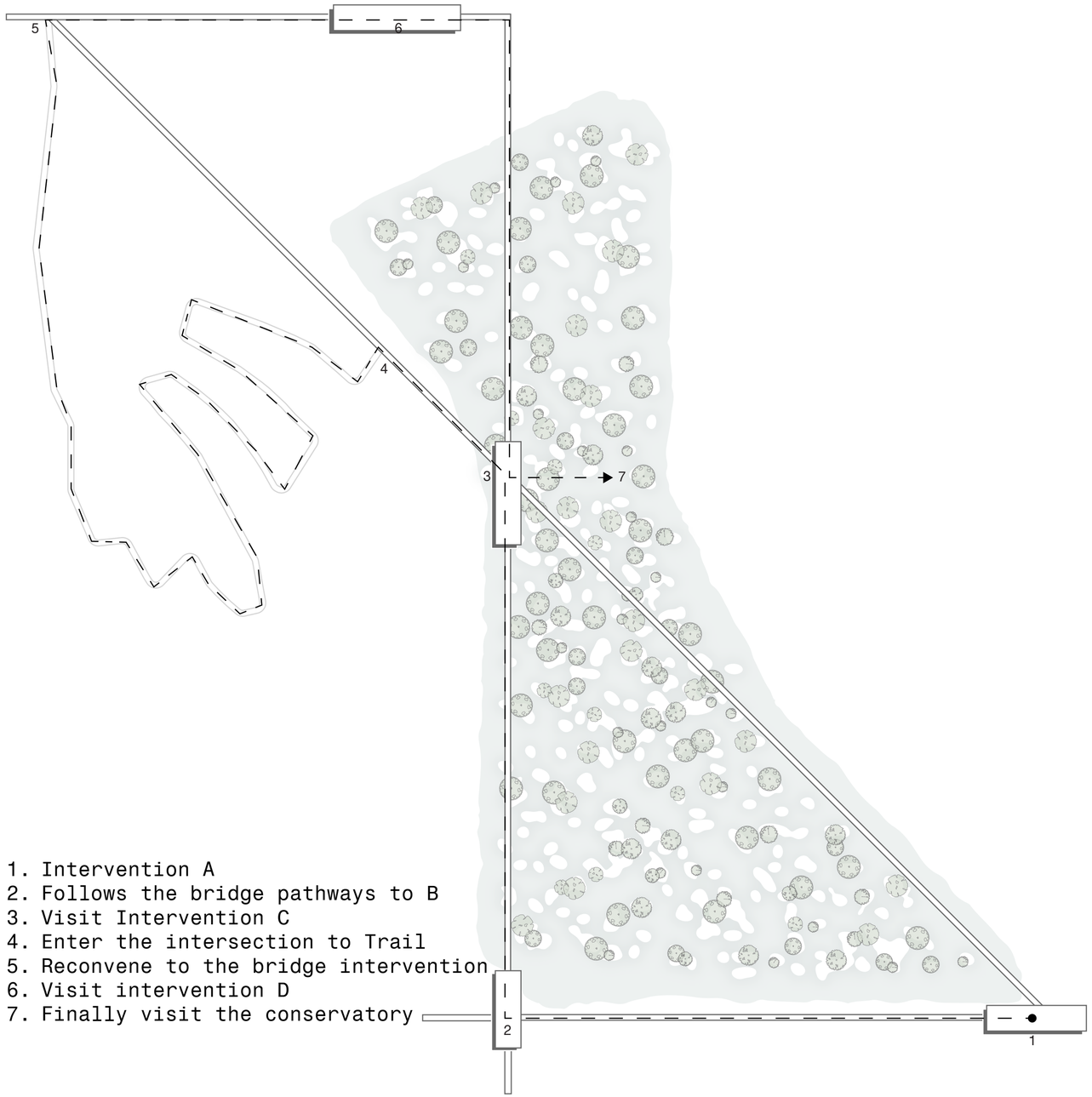
Result of the new conservatory

Result of the new conservatory



1. Intervention A
2. Follows the bridge pathways to B
3. Visit Intervention C
4. Reach Intervention D
5. Exit the bridge pathway to trail
6. Exit trail access to Conservatory
7. Connect to Navamin Lake

Result of the new conservatory



1. Intervention A
2. Follows the bridge pathways to B
3. Visit Intervention C
4. Enter the intersection to Trail
5. Reconvene to the bridge intervention
6. Visit intervention D
7. Finally visit the conservatory

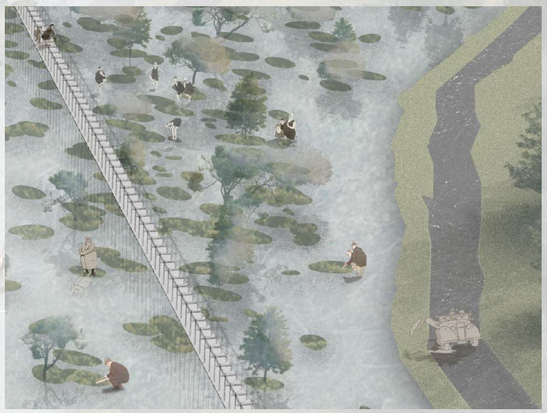
Result of the new conservatory

1. Enjoy the conservatory
2. Intervention A
3. Follows the subbridge to trail
4. Enter main bridge to Intervention D
5. Visit intervention C
6. Walkback to Intervention B
7. Connect back to Intervention A

Trail Path looped around the intervention visiting the conservatory and Navamin Lake.

Result of the new conservatory

Visiting Nature and interact with different pathways and routes.

Thin Pole structure tries to the nature undisturbed whilst creating a soft zoning.

Identifying space with elevation yet coexist and witness each other’s activities