The Hide en Boundary exploring the spatial and temporal continuity in Den Helder's Defence Line area

Graffiti Painting Wal

Ying Han 5541069

Supervisor: Saskia de Wit Second Mentor: Oscar Rommens

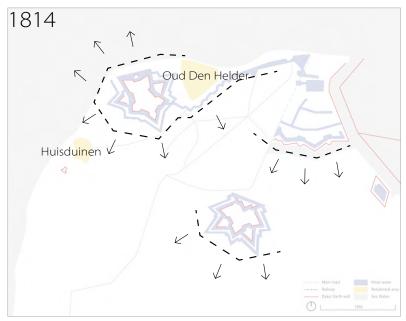
23.06.2023

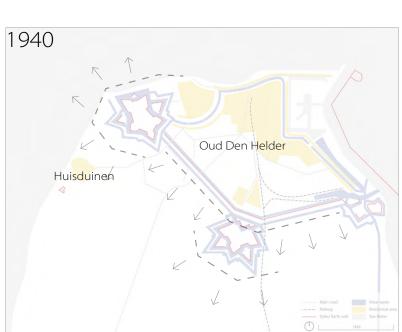
Introduction Location: Den Helder, NL

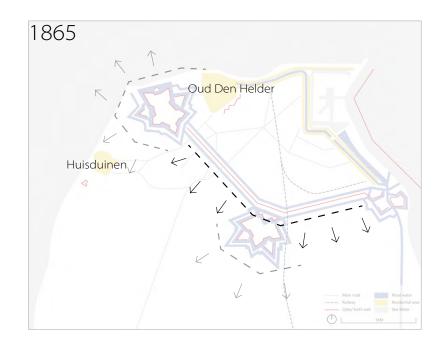


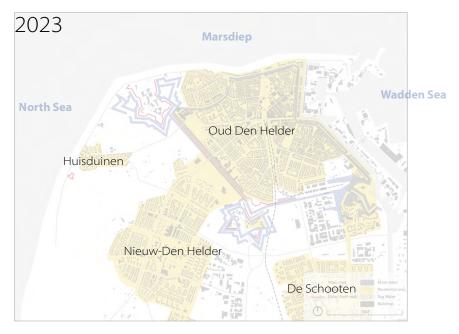










































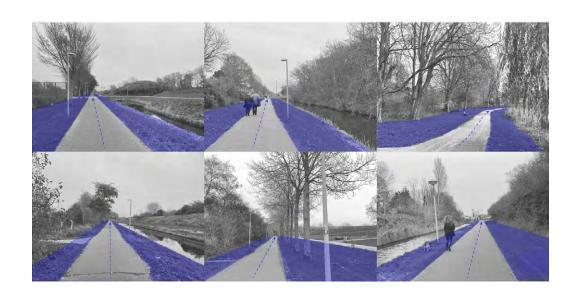








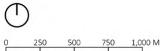
















What about our history?



Continuous space?



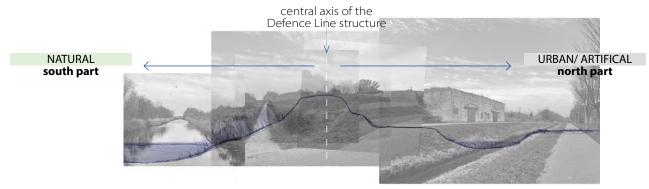
Spatial experience?

Research Question:

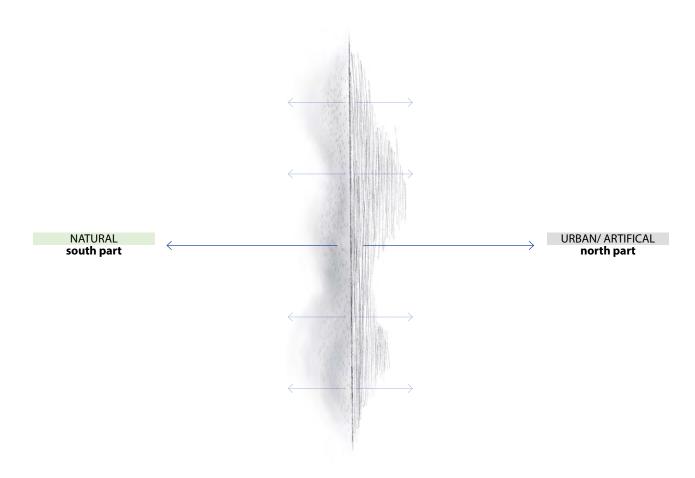
How to **reactivate** and develop a **multi-functional boundary** area and surrounding landscapes based on the exploration of **spatial** and **temporal continuity**?

Den Helder's Defence Line - 7 Zones

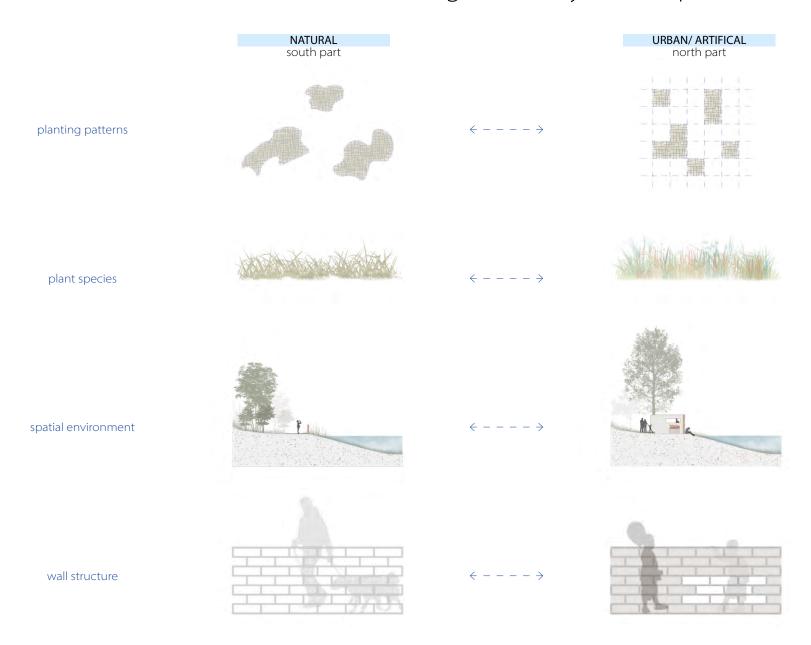




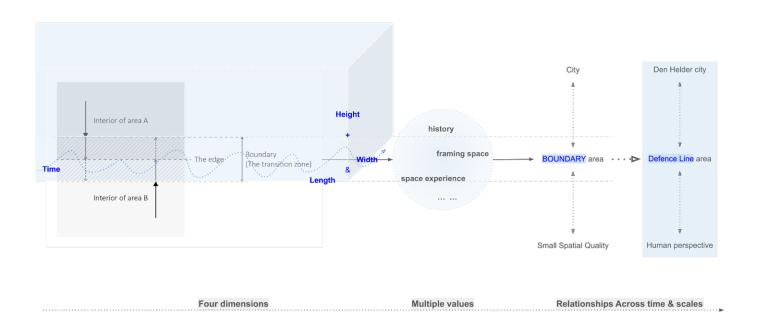
Concept A contrasting boundary landscape



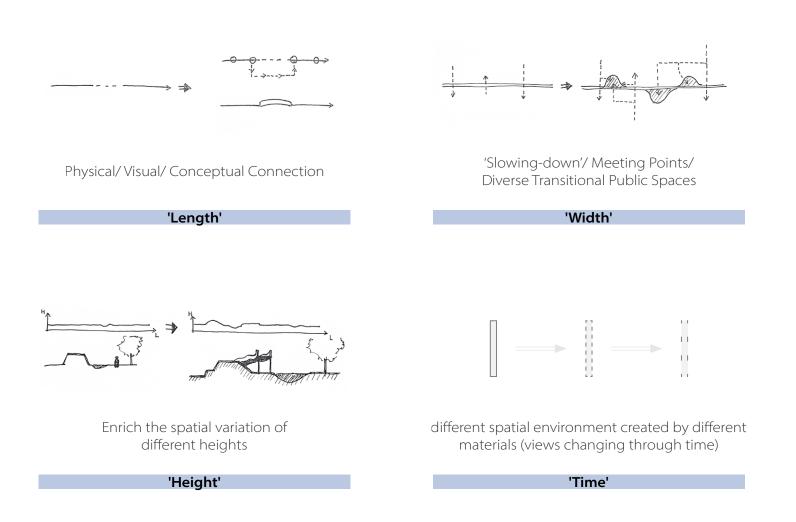
Concept A contrasting boundary landscape



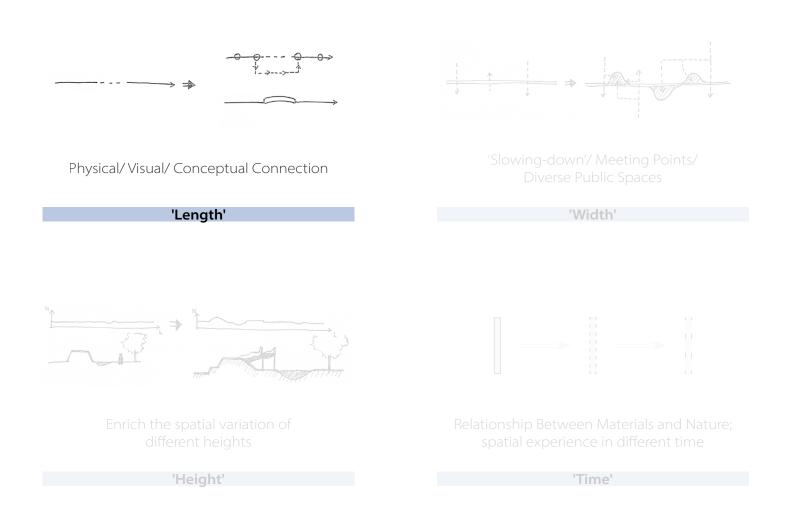
Four Dimensional Boundary



Four Dimensional Boundary



Principle 1 --- Length of Boundary

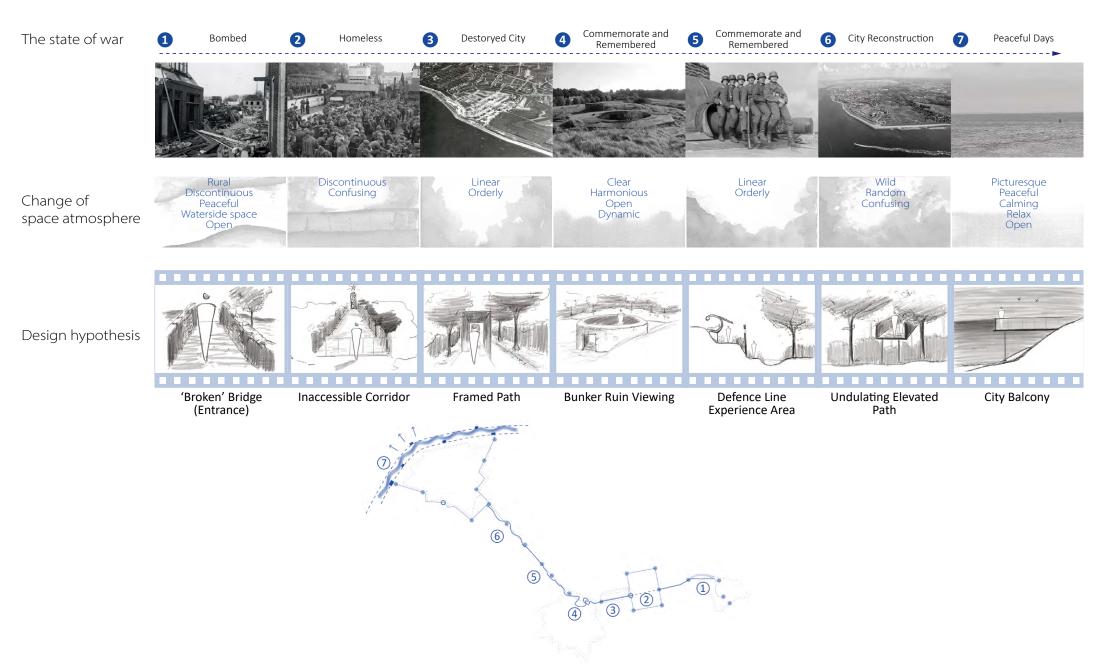


Principle 1 --- Length of Boundary guiding points; linked by journey about the war or about the various spatial experiences

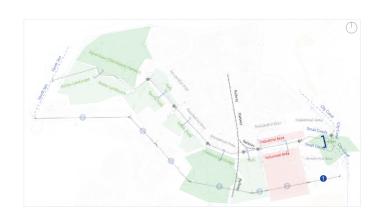


Principle 1 --- Length of Boundary

guiding points; linked by journey about the war or about the various spatial experiences

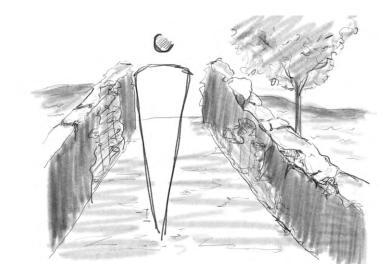


Zone 1 - Fort Westoever Area









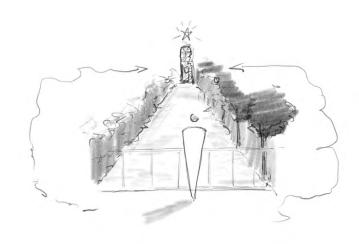


Zone 2 - Industrial Area



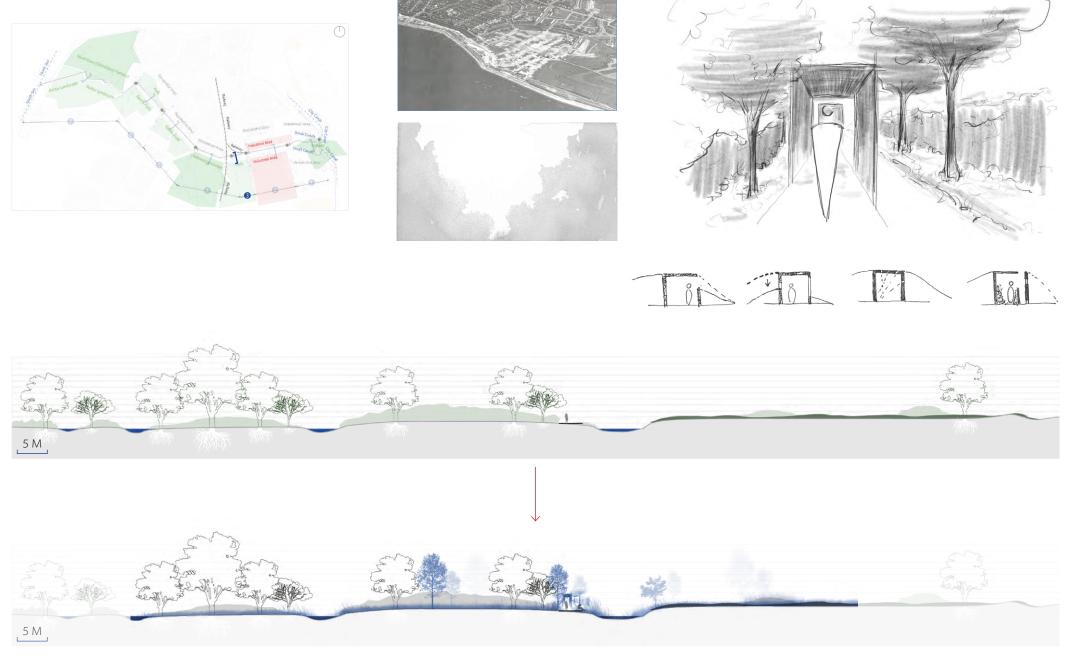




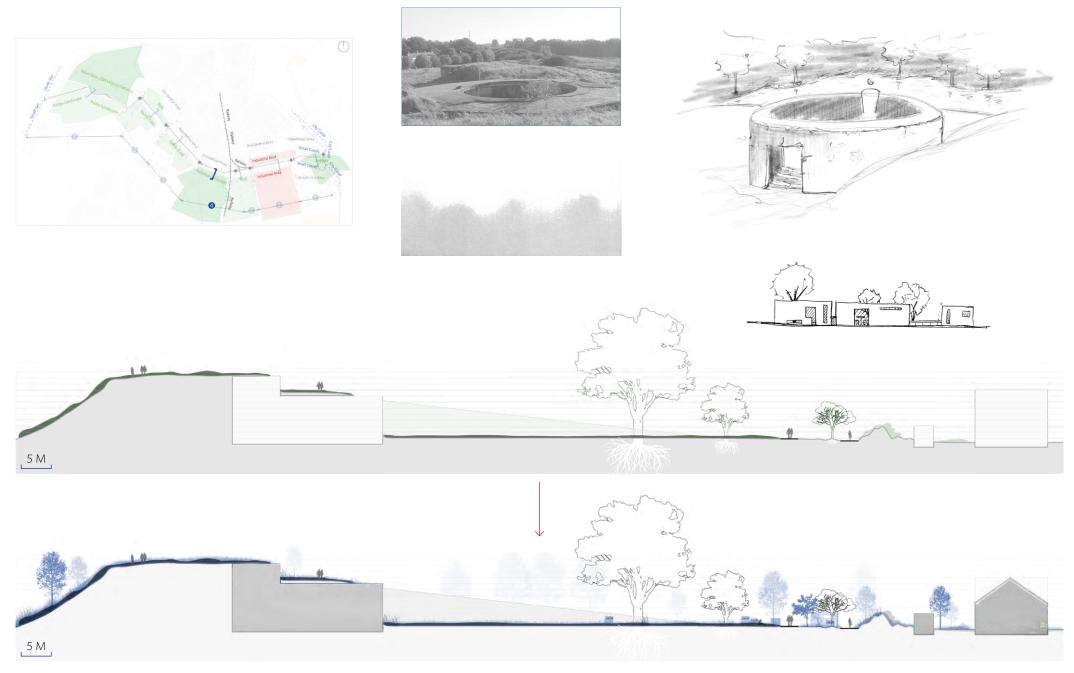




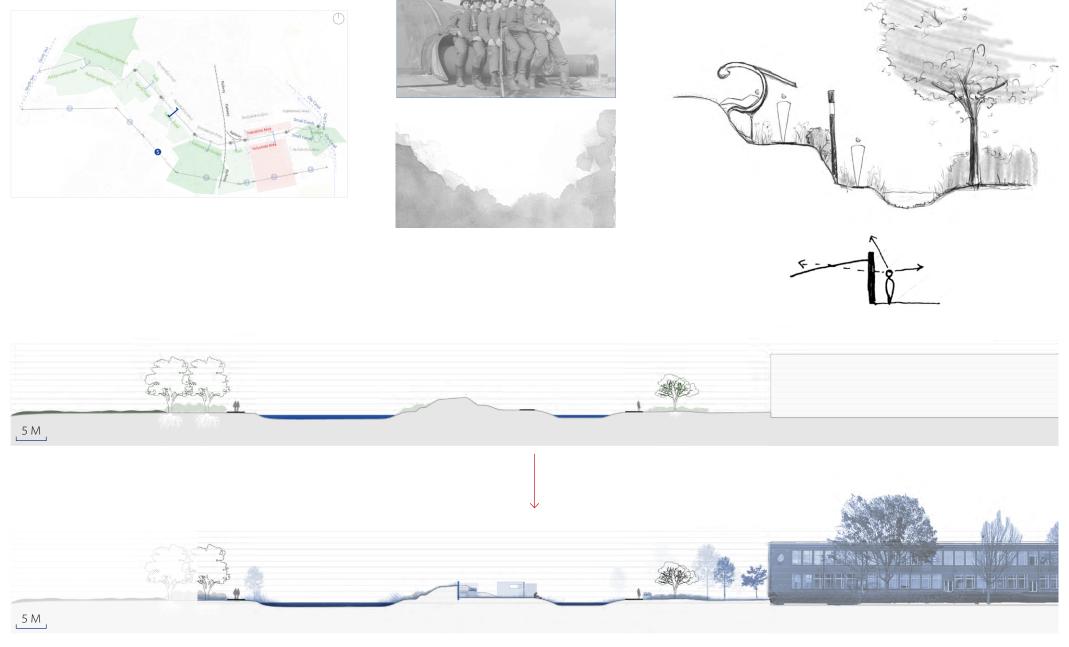
Zone 3 - Corridor Area



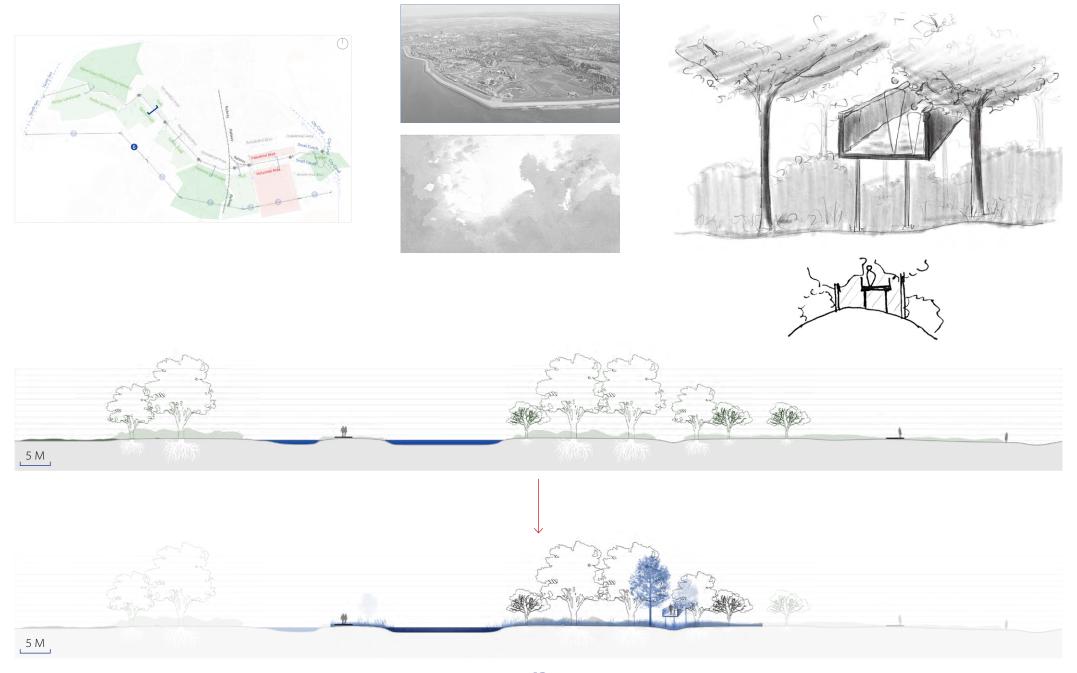
Zone 4 - Defence Line In-between Area



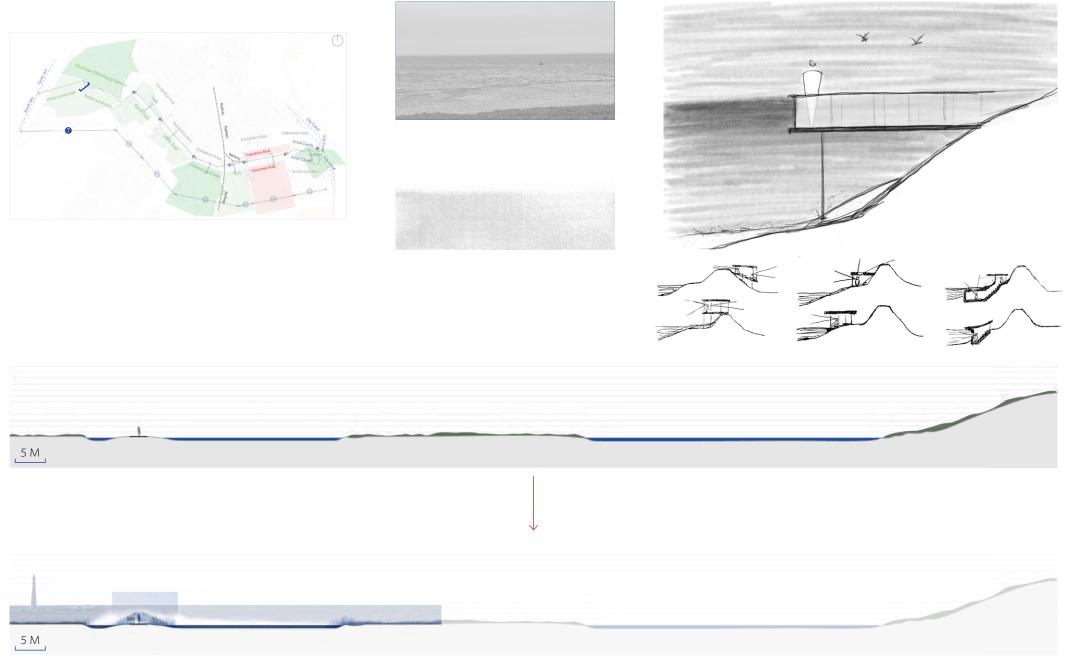
Zone 5 - Defence Line Linear Area



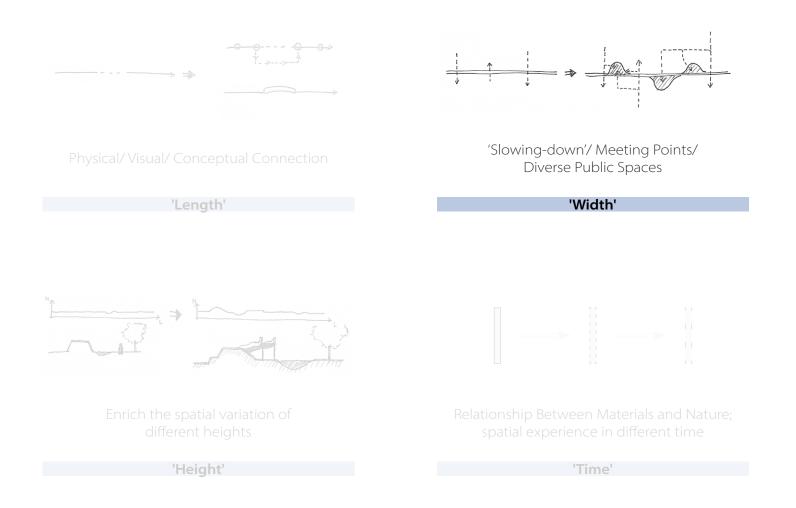
Zone 6 - Timor Park Area



Zone 7 - Polder & Seaside Area



Principle 2 --- Width(transition) of Boundary



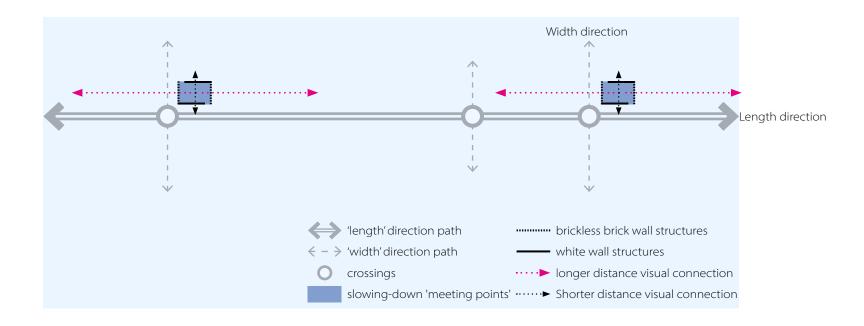
Principle 2 --- Width(transition) of Boundary

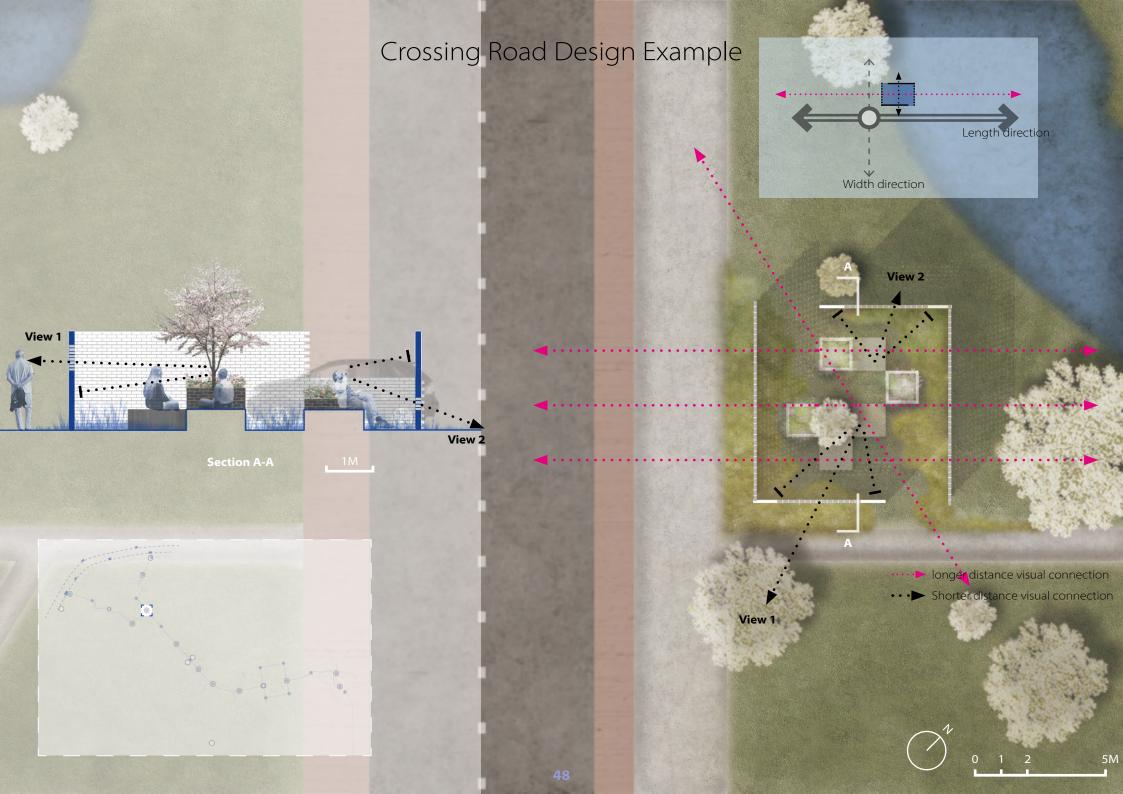
dynamic connection to residential areas; slowing-down 'meeting point' beside crossroads



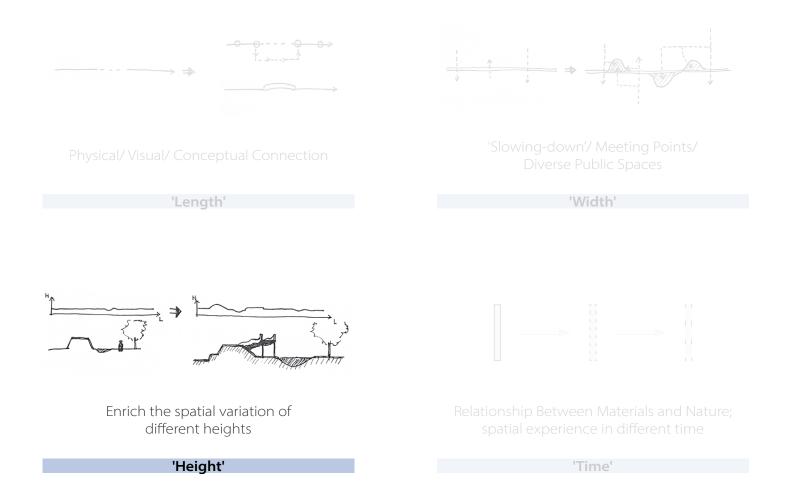
Principle 2 --- Width(transition) of Boundary dynamic connection to residential areas;

slowing-down 'meeting point' beside crossroads

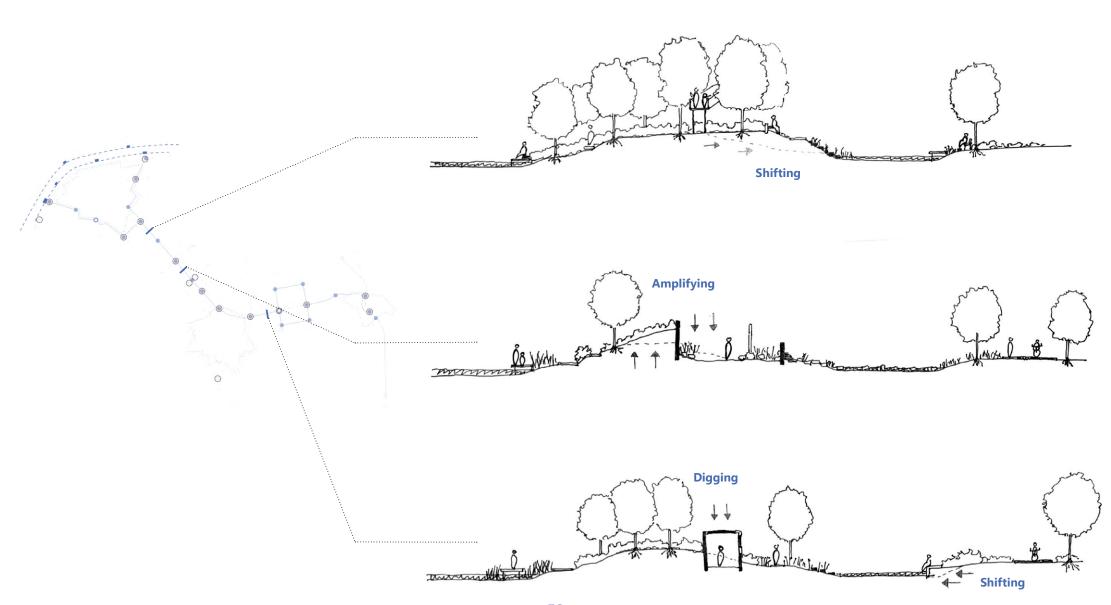




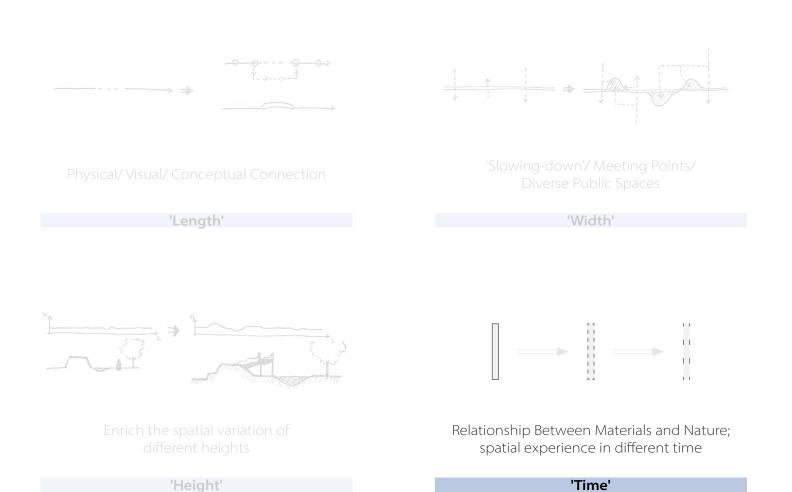
Principle 3 --- Height of (Undulating) Boundary



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Principle 4 --- 'Time' of Boundary



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Relationship Between Materials and Nature; Spatial experience in different time

brickless brick walls (can been seen through)



bricks made of raw mud (unfired bricks)



bricks were pushed out with pressure washers



showed traces of time on the walls

white walls



made of thick white steel or bricks



with nice shadow changes throughout the day



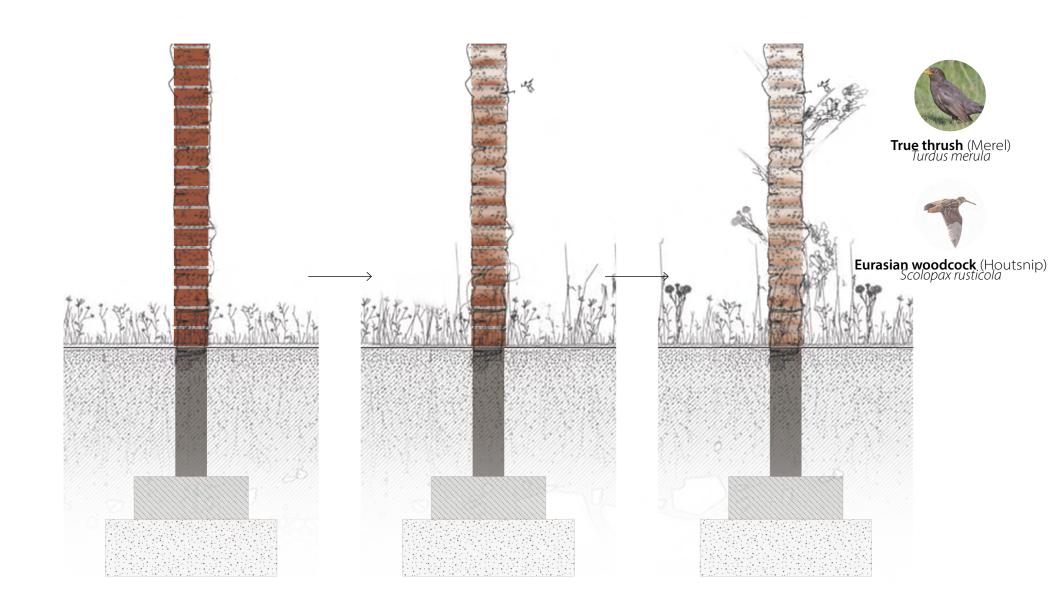
wooden piles (as fort outline/boundary's guiding lines)



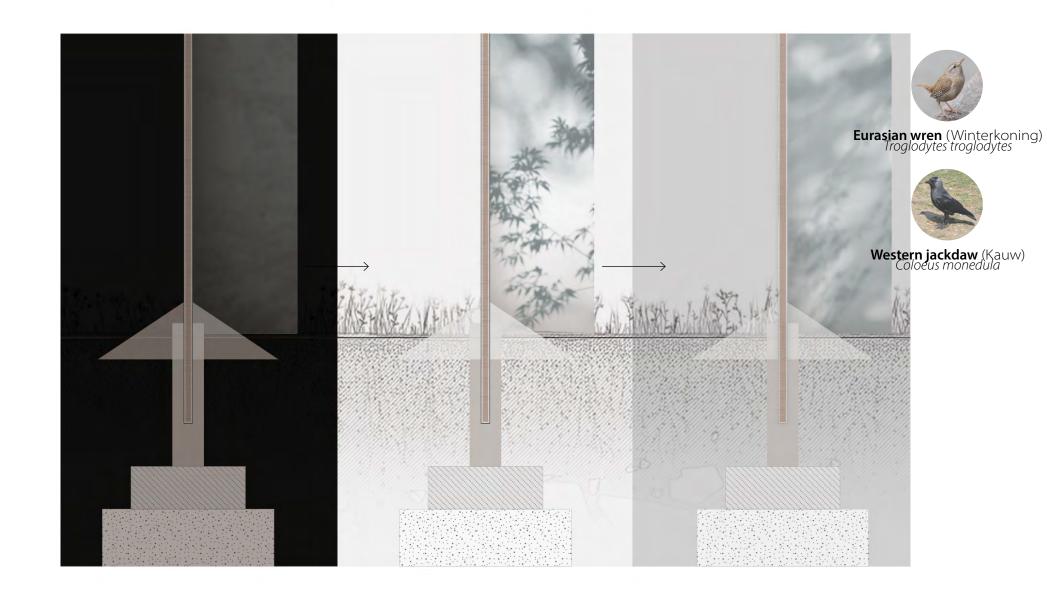




Principle 4 --- 'Time' of Boundary
Relationship Between Materials and Nature; Spatial experience in different time

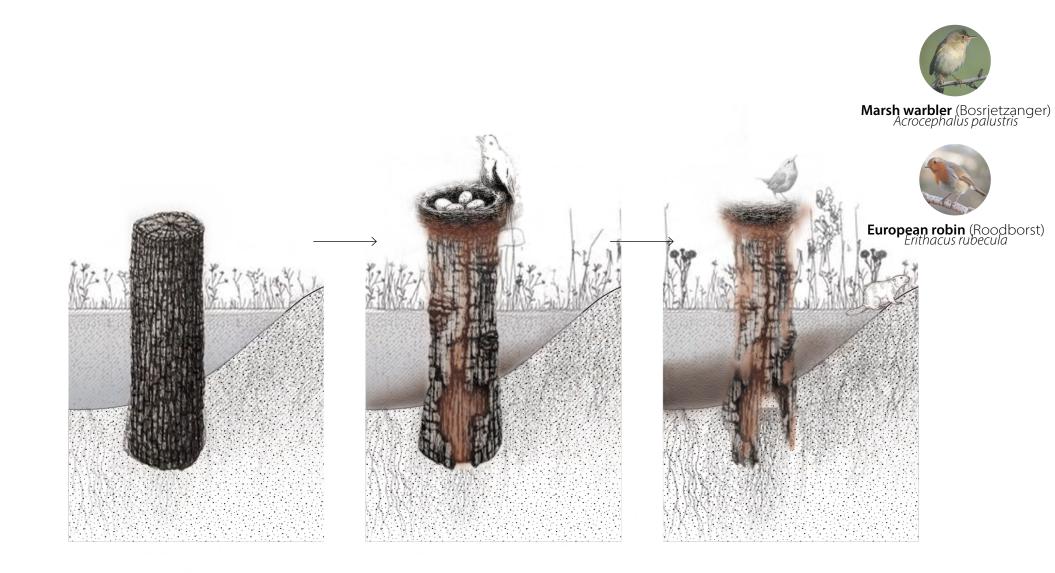


Principle 4 --- 'Time' of Boundary Relationship Between Materials and Nature; Spatial experience in different time

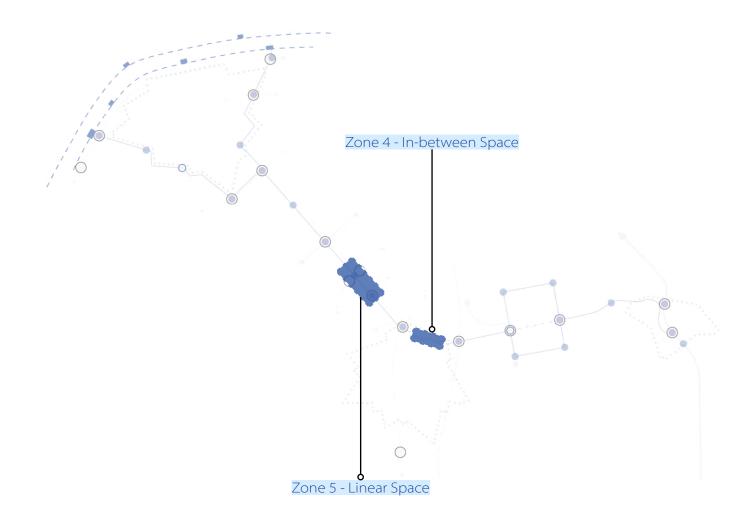


Principle 4 --- 'Time' of Boundary

Relationship Between Materials and Nature; Spatial experience in different time



Four Dimensional Combination Design



Zone 5 - Defence Line Linear Area

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Current Environment



Current Physical and Visual Connection



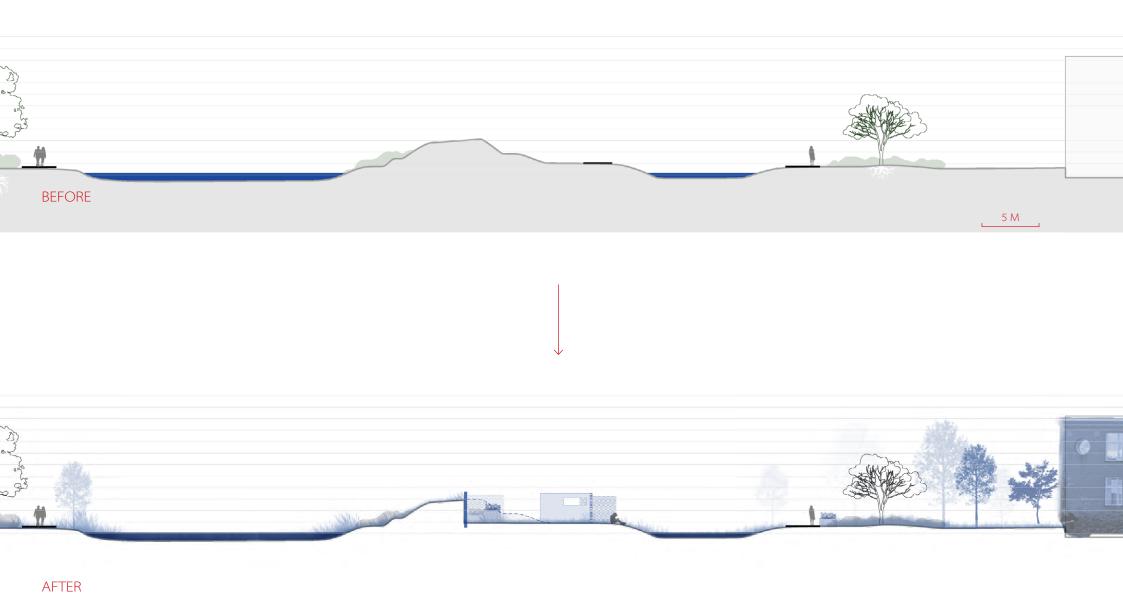
Principle 1 --- Length of Boundary

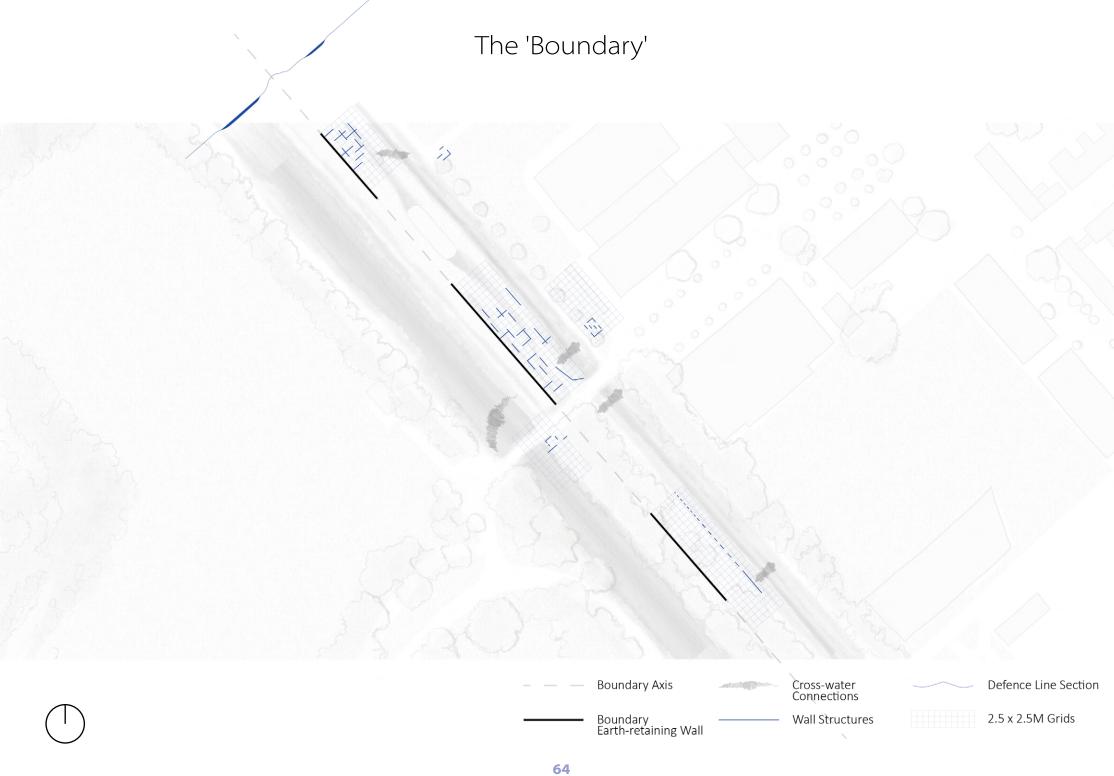


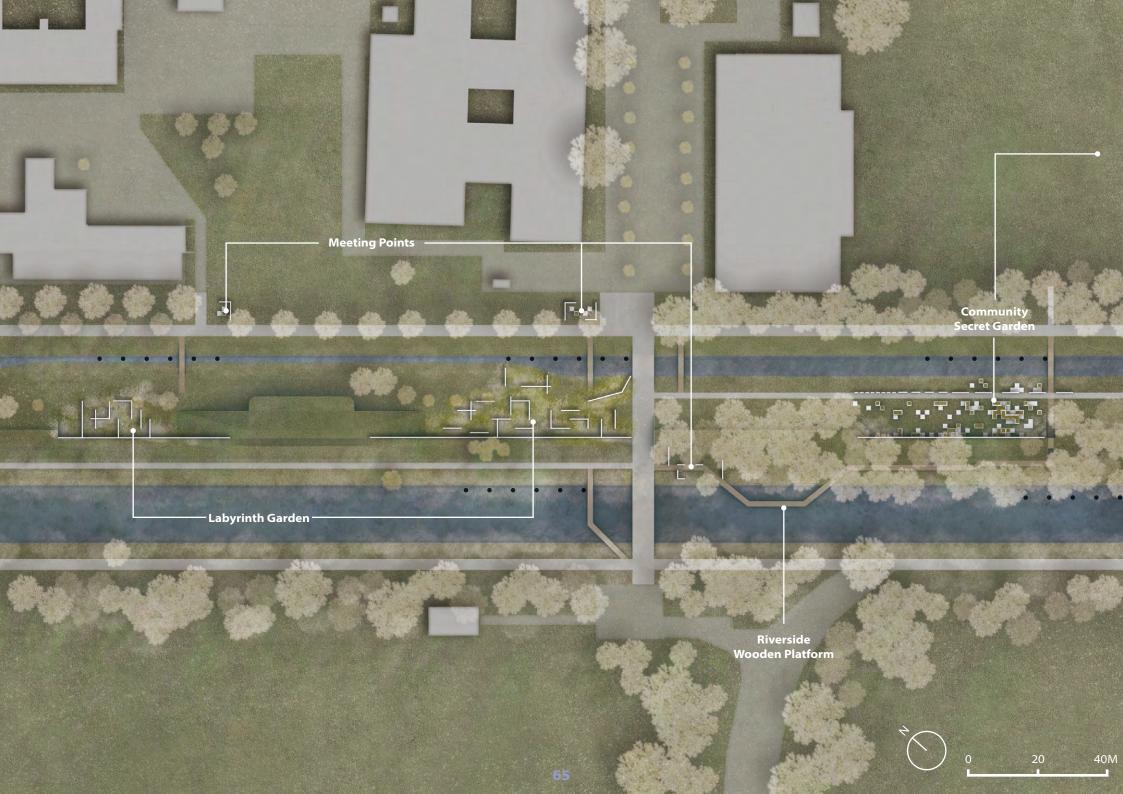
Principle 2 --- Width(transition) of Boundary

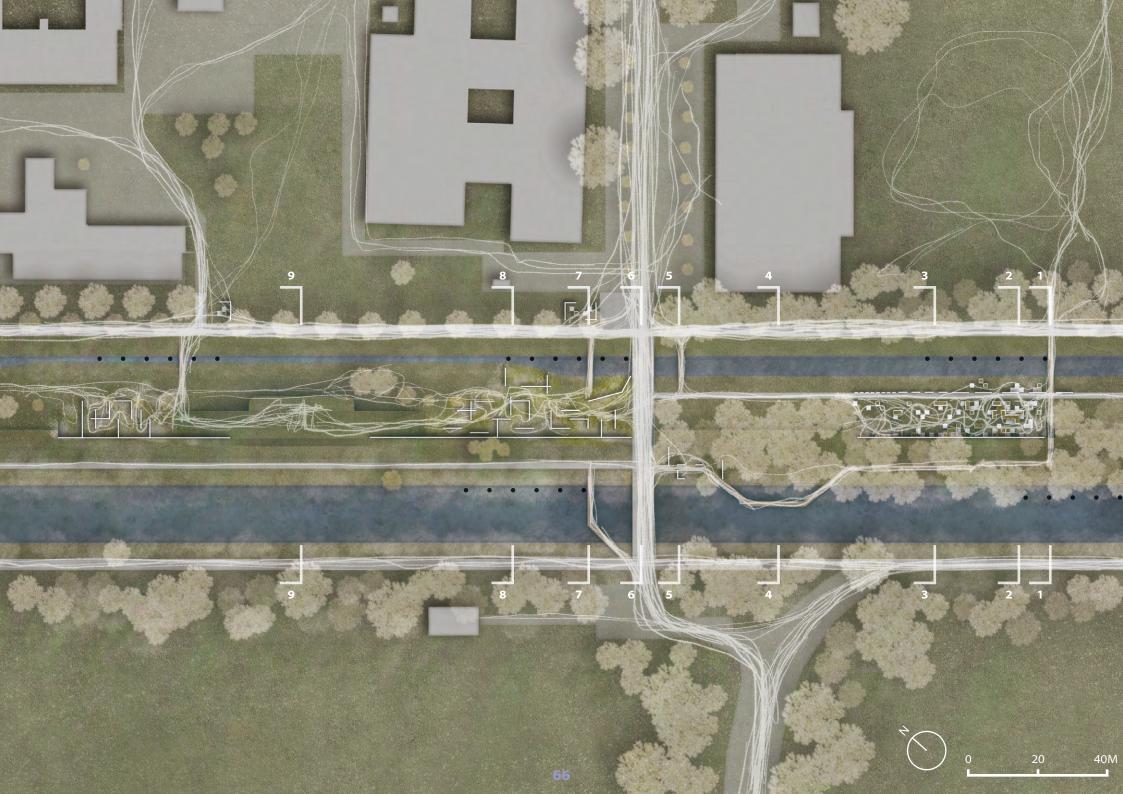


Principle 3 --- Undulating Boundary















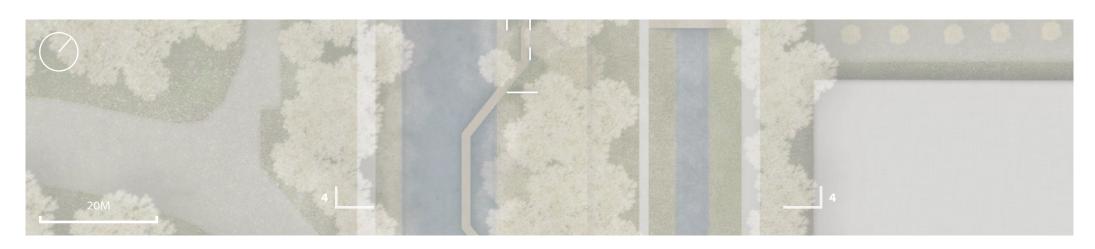




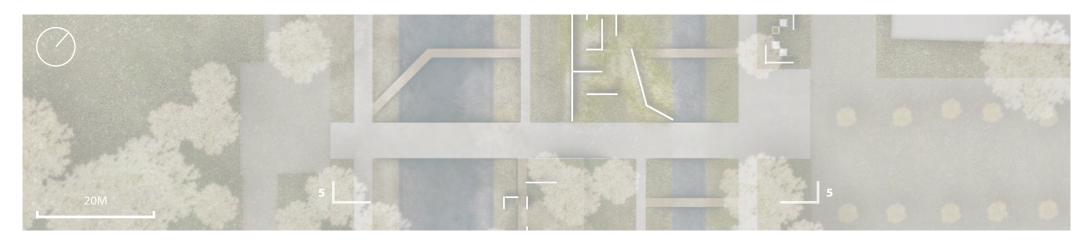


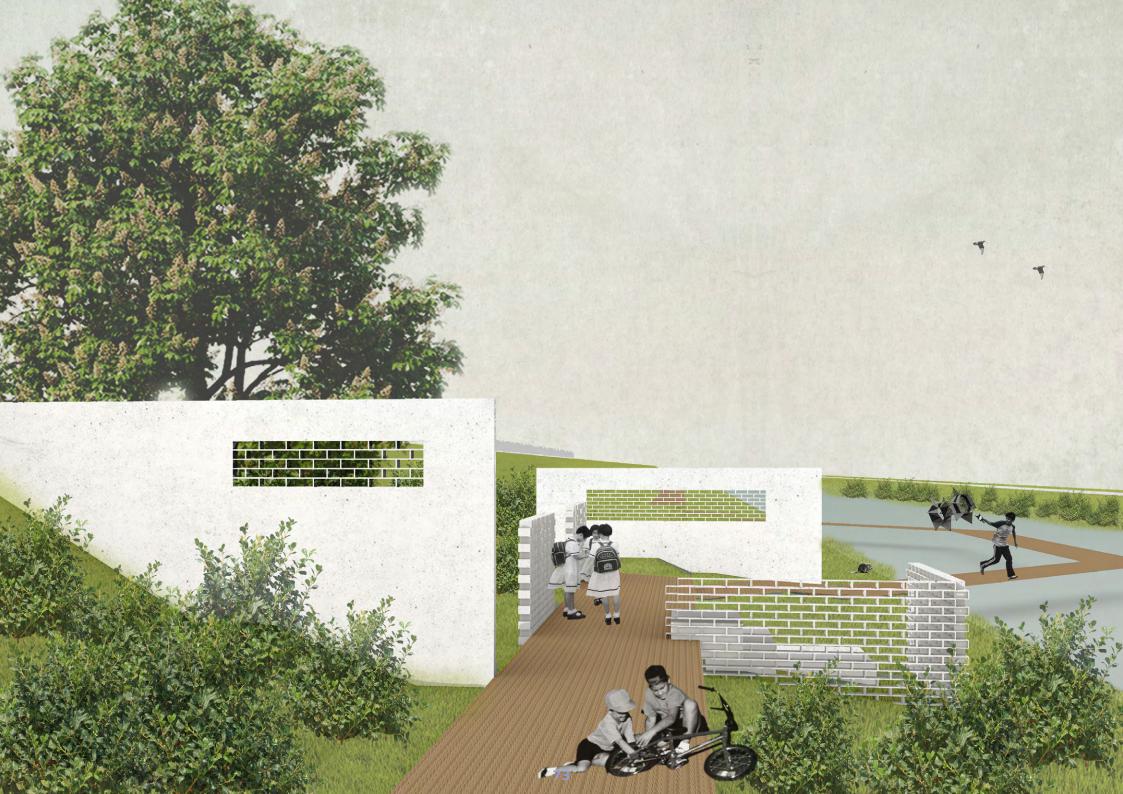




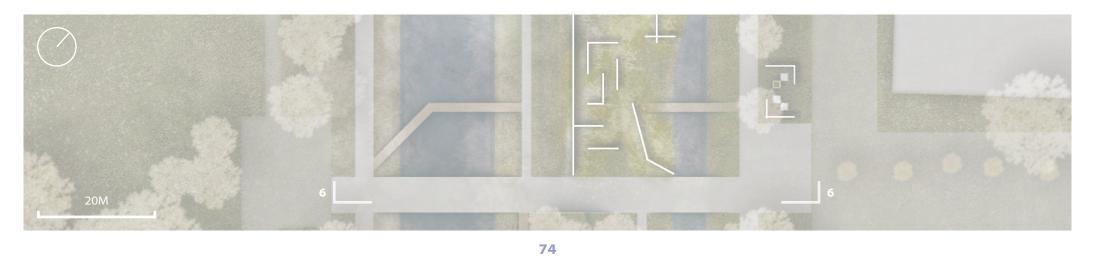




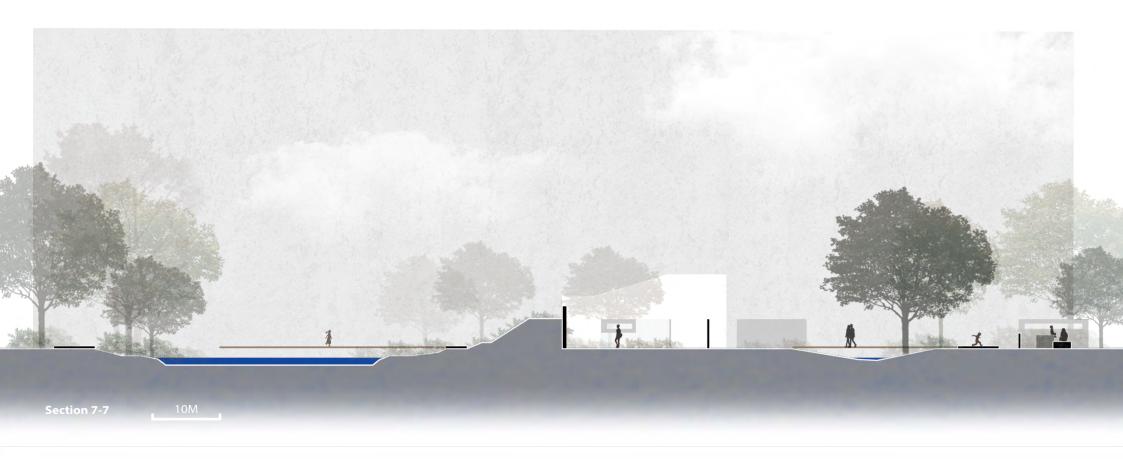


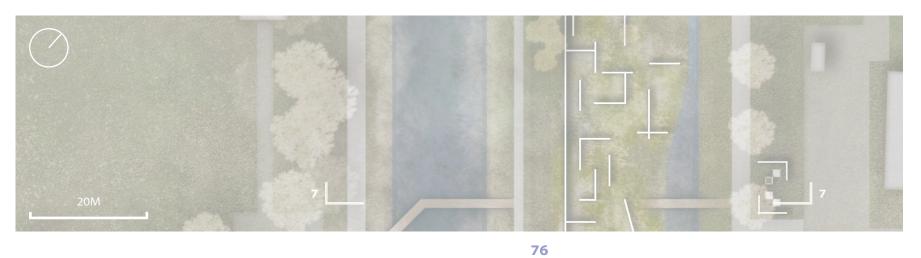




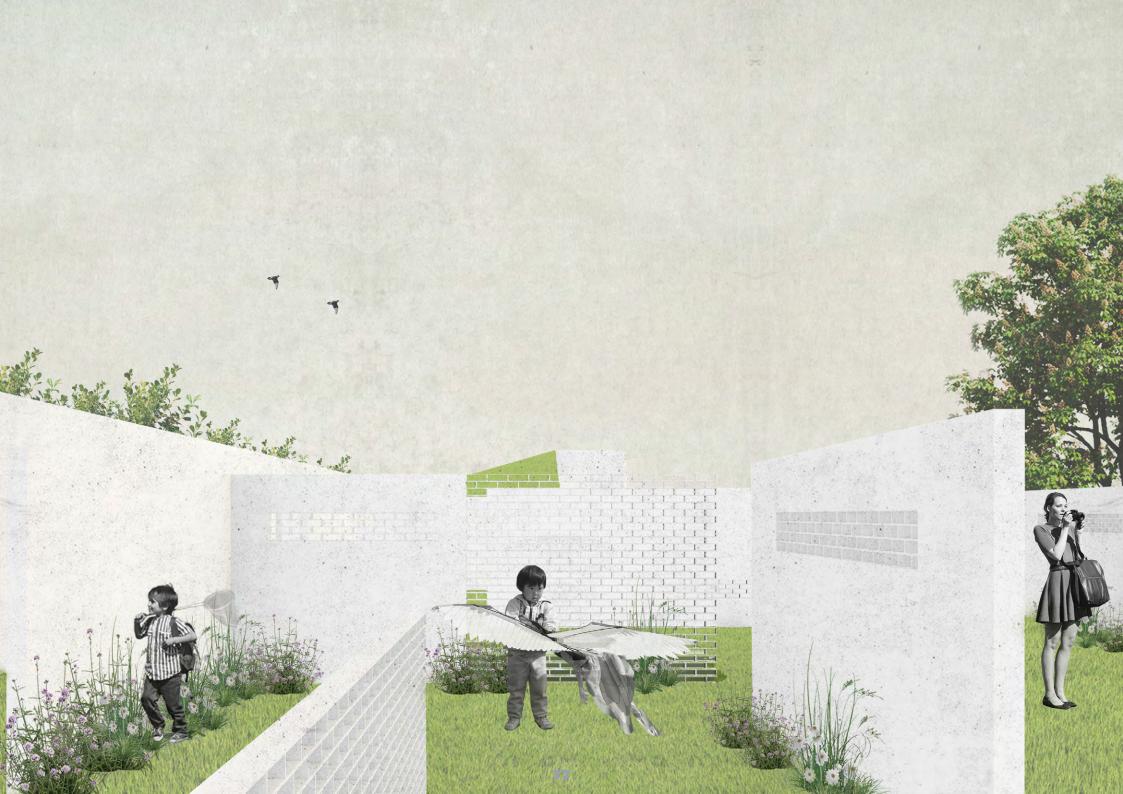


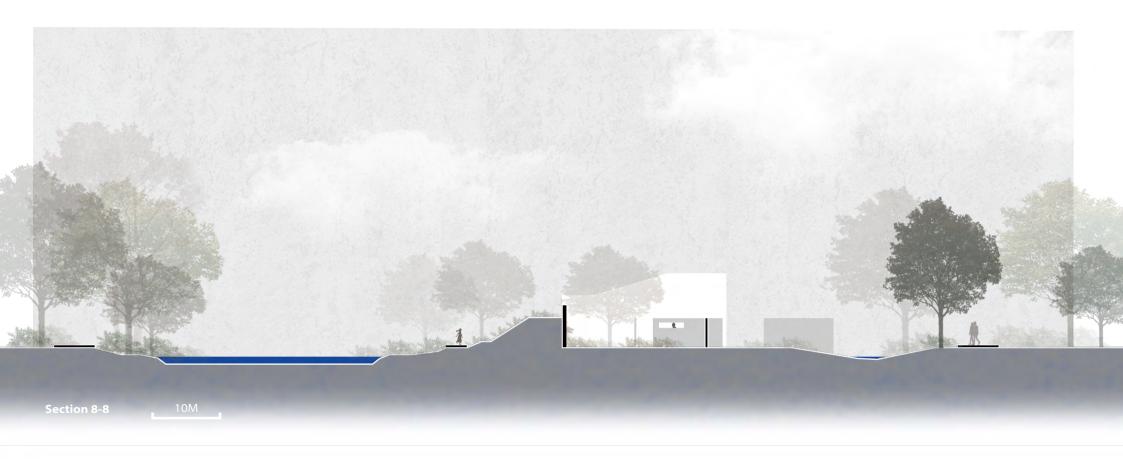


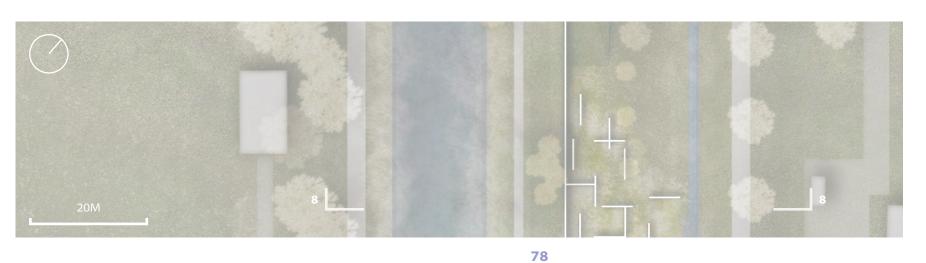






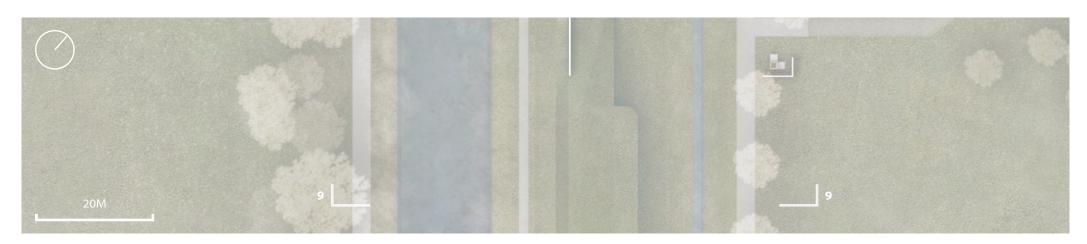


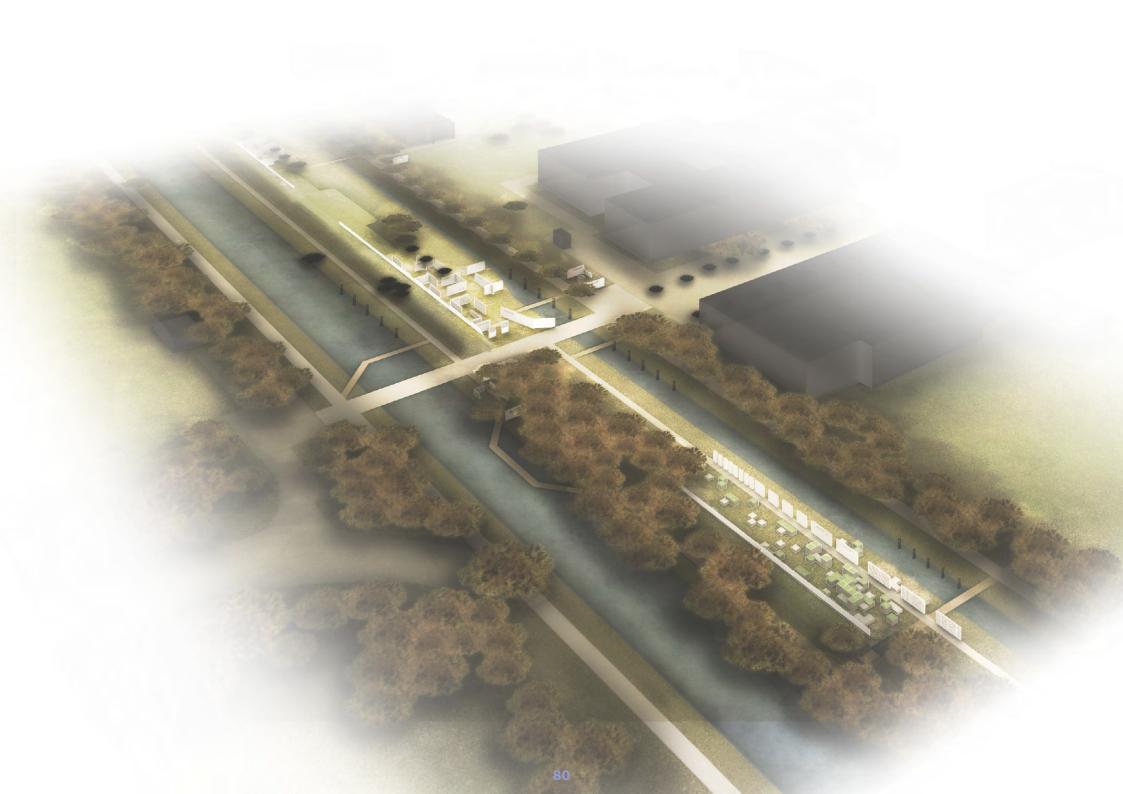






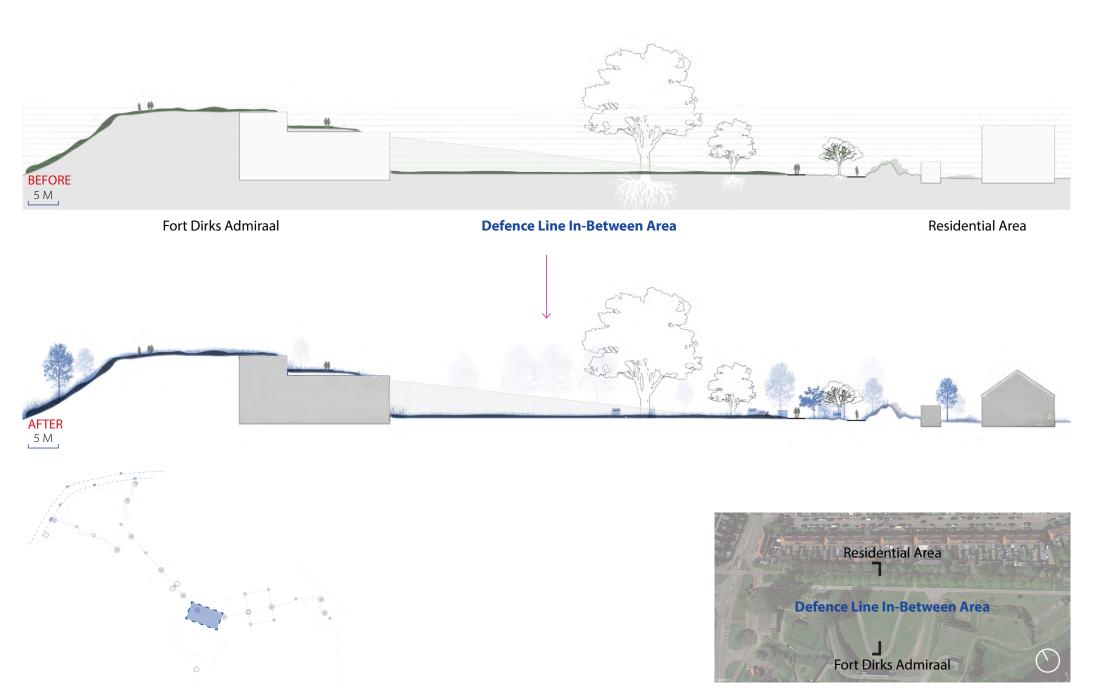


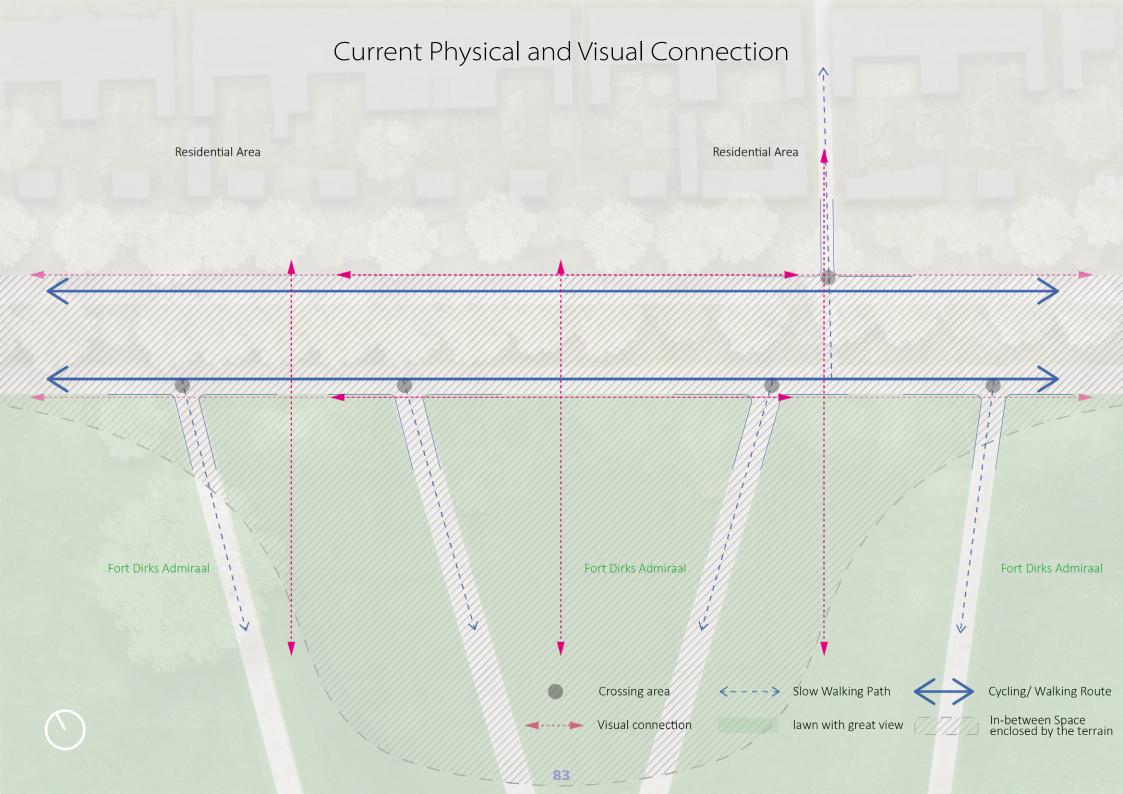


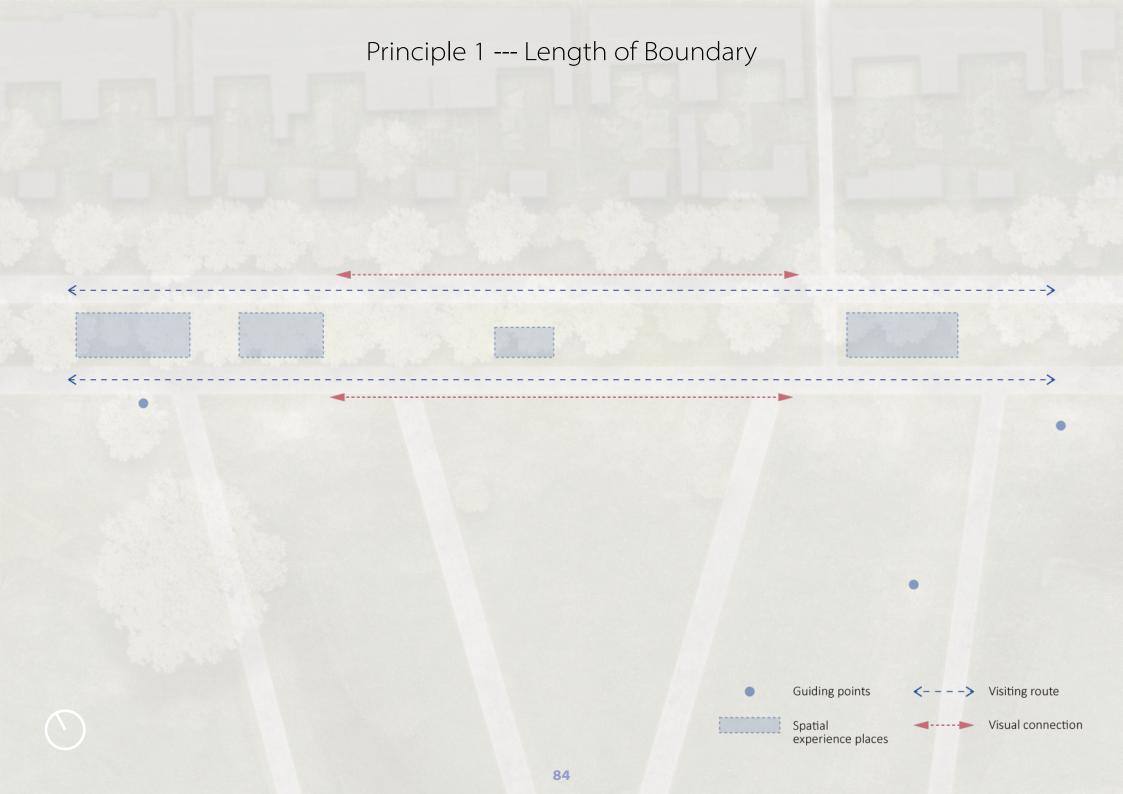


Zone 4 - Defence Line In-between Area

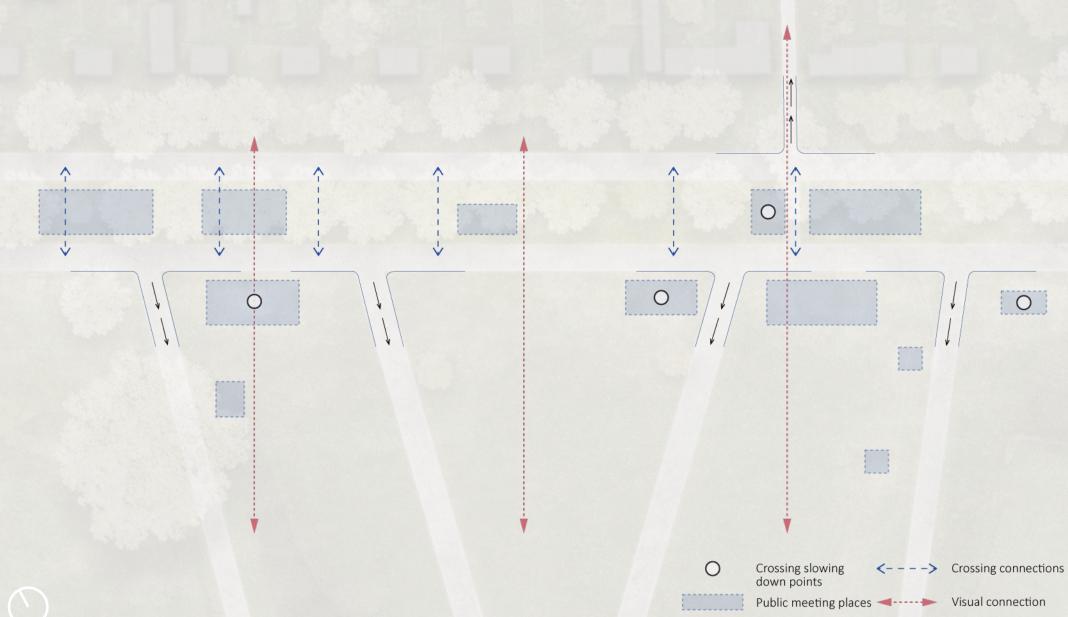
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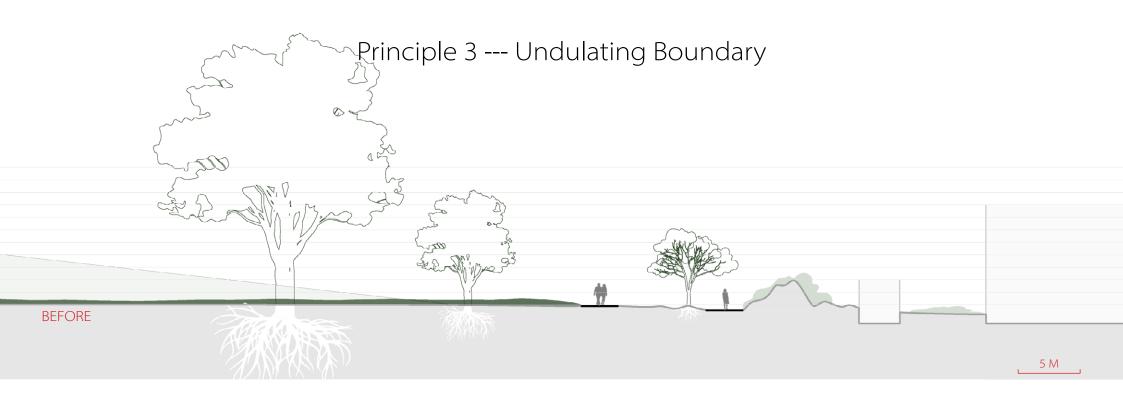




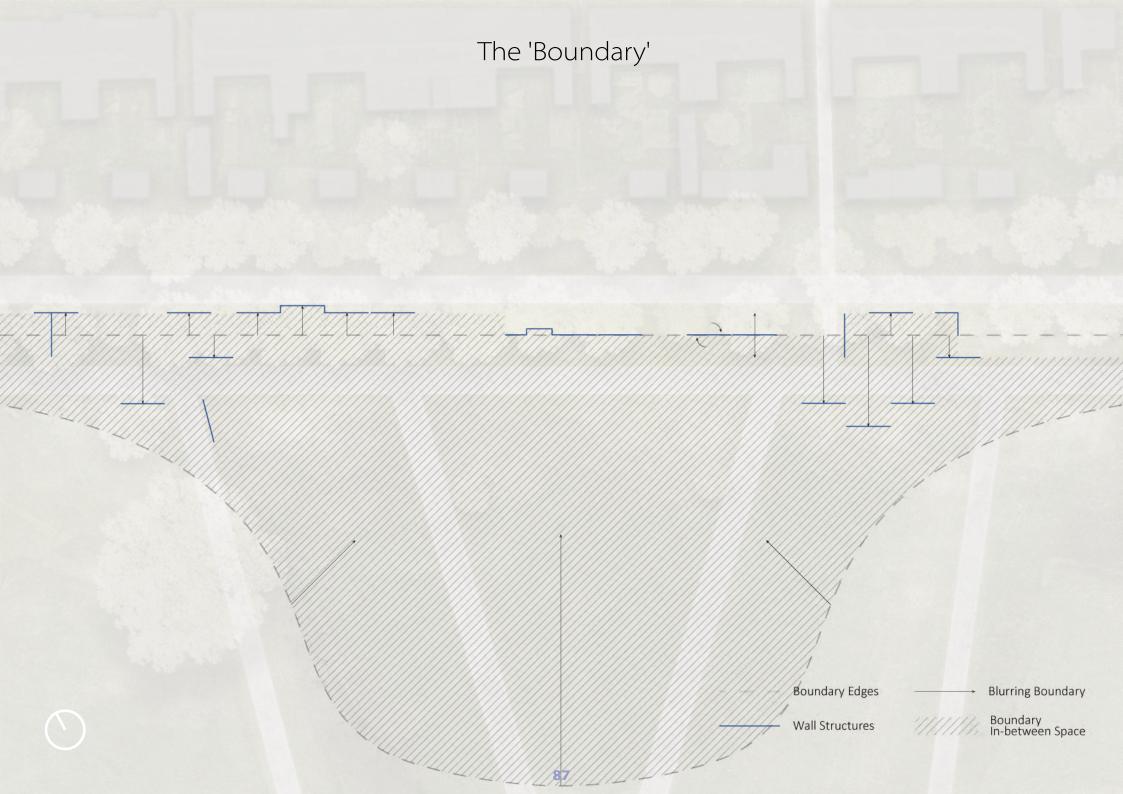


Principle 2 --- Width(transition) of Boundary









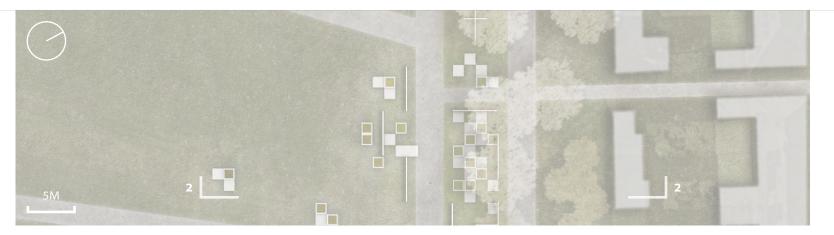






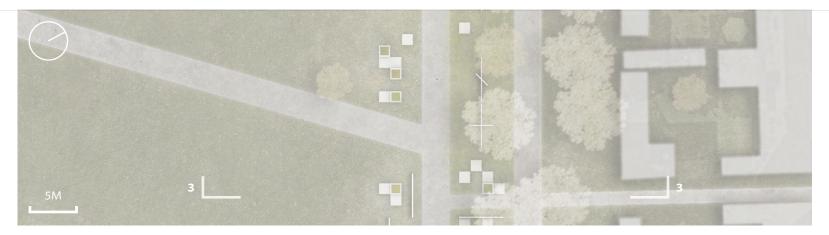




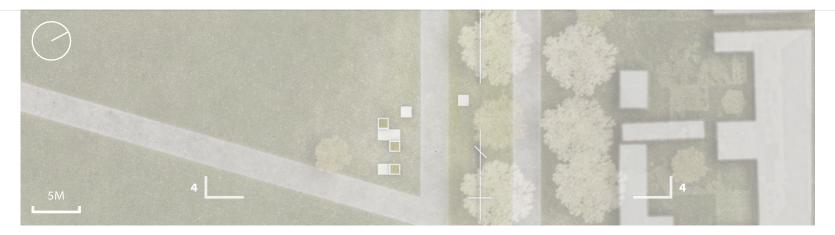




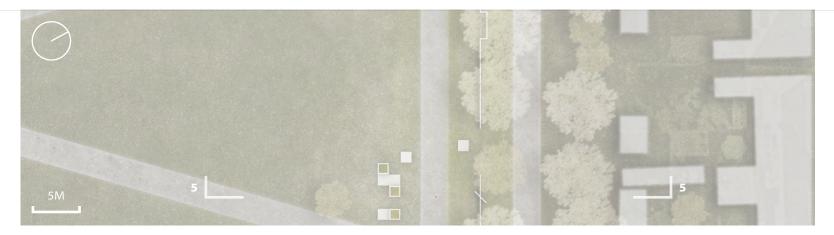










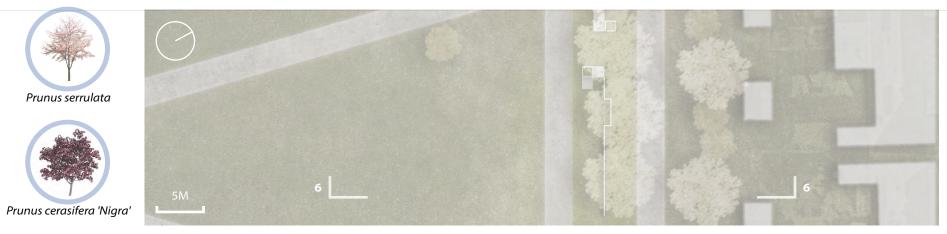




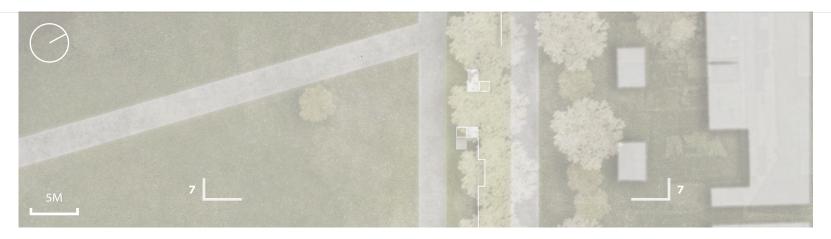


Section 6-6

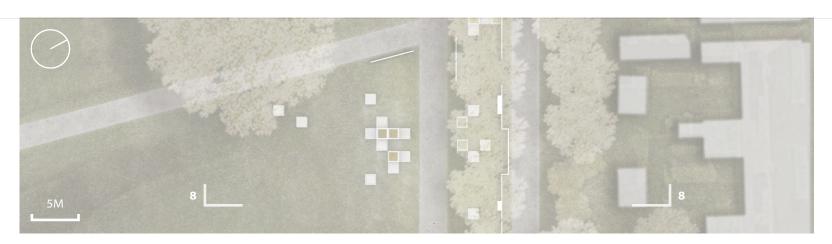
5M





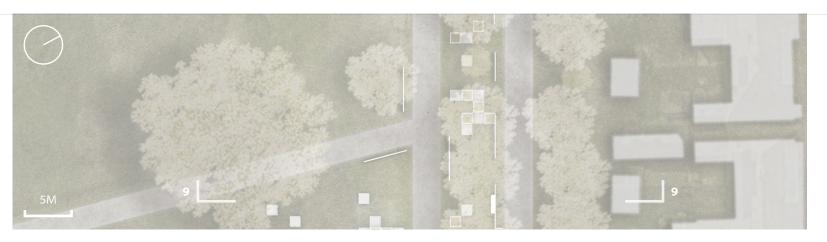
















Conclusion and Reflection

--- Research Question --How to reactivate and develop
a multi-functional boundary area and surrounding landscapes
based on the exploration of spatial and temporal continuity?

