



Universiteit
Leiden

Centre for Global Heritage and Development
Leiden-Delft-Erasmus Universities

Workshop War Heritage

Mei 2025 | Student Leiden Uni. & TU Delft

22-5-2025



Groups

Group 1: Cas Raven, Jesper Smits, Gijs Thissen, Josefina Quiroga Viñas, Jochem Wilmes, Wies Koster, & Danique Vermeij

Group 2: Mike van Venrooij, Isabel van de Kroef, Viola Eber-Monnova, & Milou Overdevest

Group 3: Thomas de Vries, Farisha Kartesemito, Nick Archer, Teun van Dijk

Group 4: Colinda Dek, Sophia Hayda, Tijn Ansems, & Joris Kaptein

Group 5: Raoul Kremers, Chloe Vandewallen, Jelmer Veenstra, & Katinka van der Spek

Group 6: Wiebe Oudesluijs, Floris Henrichs, Eline van der Vossen, & Kyra Trauschke

Group 7: Amber IJsveld, Mark Butterman, Grace Stephanie Stuka, & Sanne Doonbusch

Group 8: Jake van de Byl, Szymon Jazowski, Douwe Wielenga, & Roderick Wanjon

Group 9: Jazz Wilson, David Neurdenburg, Geeske van Batenburg, & Floor Klapwijk

Professors:

Dr. Richard Jansen, Dr. Gerdy Verschuure, and Dr.

Peter de Jongste

Workshop

- 3 day workshop
- Mix students from Leiden en Delft
- Increasing importance of war heritage
- Visionary plans
 - Future perspective
 - Heritage
 - Urbanism and Landscape design





81ste Jaargang

VRIJDAG 10 MEI 1940

No. 24577

LEIDSCH DAGBLAD

DAGBLAD VOOR LEIDEN EN OMSTREKEN

PRIJS DER ADVERTENTIES:

25 etc. per regel voor advertenties uit Leiden en plaatsen waar agentieschappen van ons Blad gevestigd zijn. Voor alle andere advertenties 25 etc. per regel. Voor zakenadvertenties belangrijk lager tarief. Kleine advertenties uitstaand bij vooruitbetaling. Woensdags en Zaterdags 50 etc. bij maximum aantal woorden van 20. - Incasso volgens postrecht. Voor opzending van brieven 25 etc. porto te betalen. - Verplicht bewijsnummer 5 etc.

Bureau Noordeindsplein — Telefoonnummers voor

Directie en Administratie 25041 (2 lijnen)

Redactie 21507

Postcheque- en Girodienst no. 57055 - Postbus no. 54

PRIJS DEZER COURANT:

Voor Leiden en gemeenten, waar agentieschappen gevestigd zijn:

per 3 maanden f. 2.25

per week f. 0.18

Franko per post f. 2.25 per 3 maanden + portokosten.

(voor binnenland f. 0.40 per 3 maanden)

Nederland verraderlijk aangevallen door Duitschland

- Opbouwende spanningen
- 10 – 15 mei 1940 Inval & Capitulatie
- Oorlogsjaren

PROJECT R6 16

**GREEN REDEVELOPMENT
& CULTURAL ENRICHMENT**

Roderick Wanjon (TU), Douwe
Wielenga (TU), Jake van der Byl (LU) &
David Neurdenburg (LU)



01. INTRODUCTION



02. HISTORY



Leiden Militair Hospitaal. (n.d.). <https://collectie.nmm.nl/nl/collectie/detail/1977106/>

THE 19th CENTURY
HOSPITAL



[The attempted demolition of the bunker in 1984].
(1984). <https://www.museumalkmaar40-45.nl/de-bunker/regelbau-616>

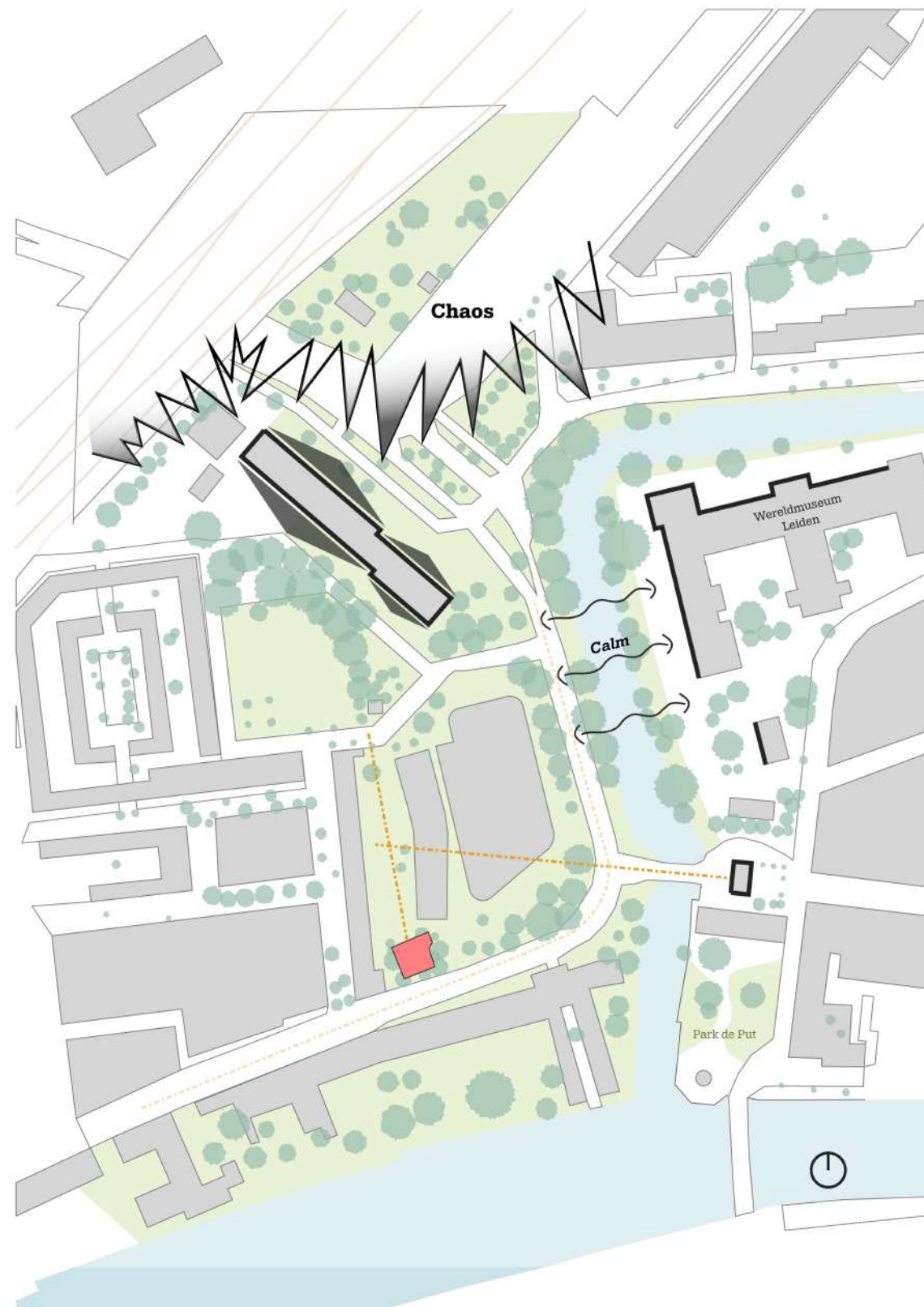
WW2 '616' BUNKER



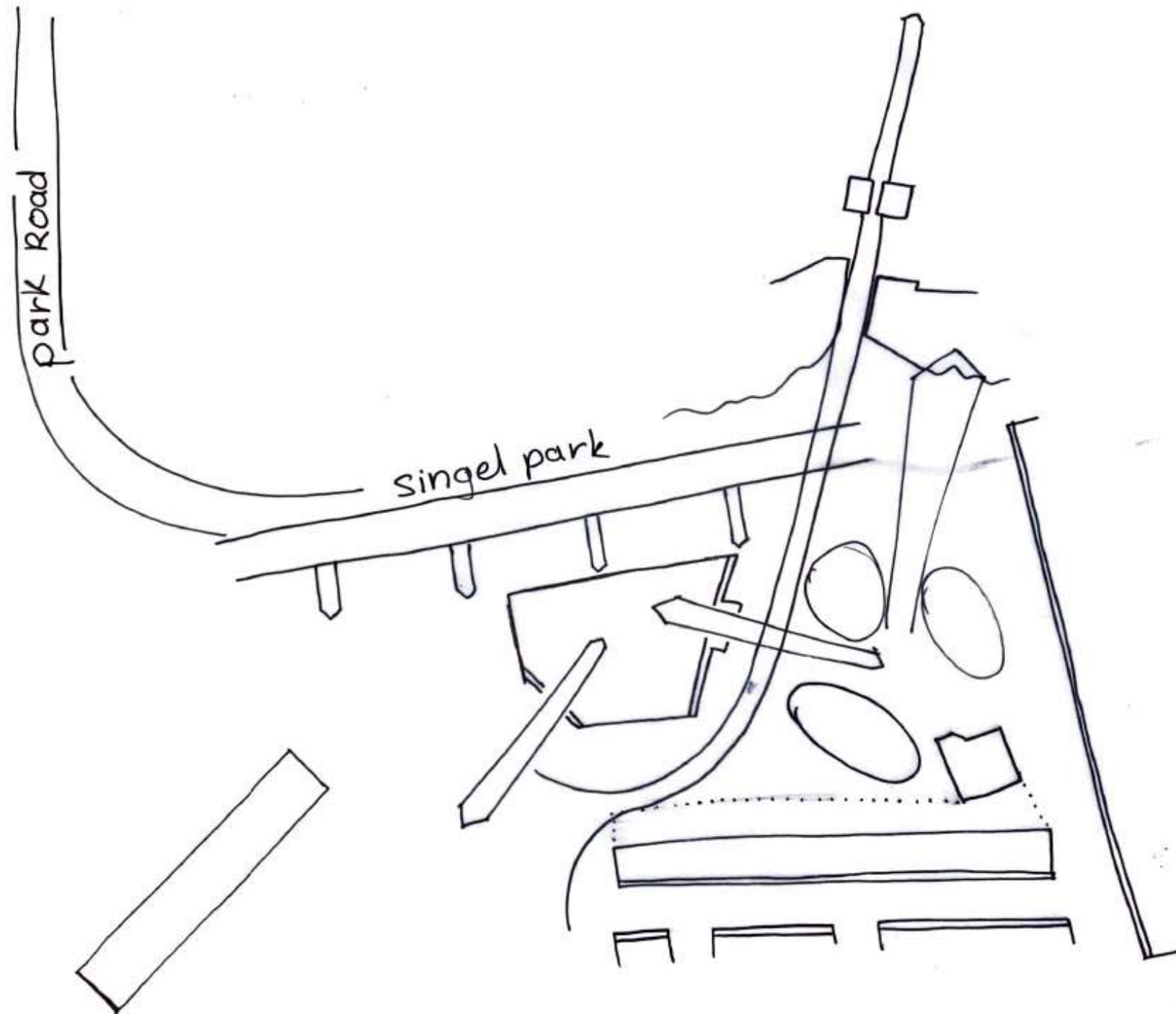
[The attempted demolition of the bunker in 1984].
(1984). <https://www.museumalkmaar40-45.nl/de-bunker/regelbau-616>

THE 1984 DEMOLITION
ATTEMPT

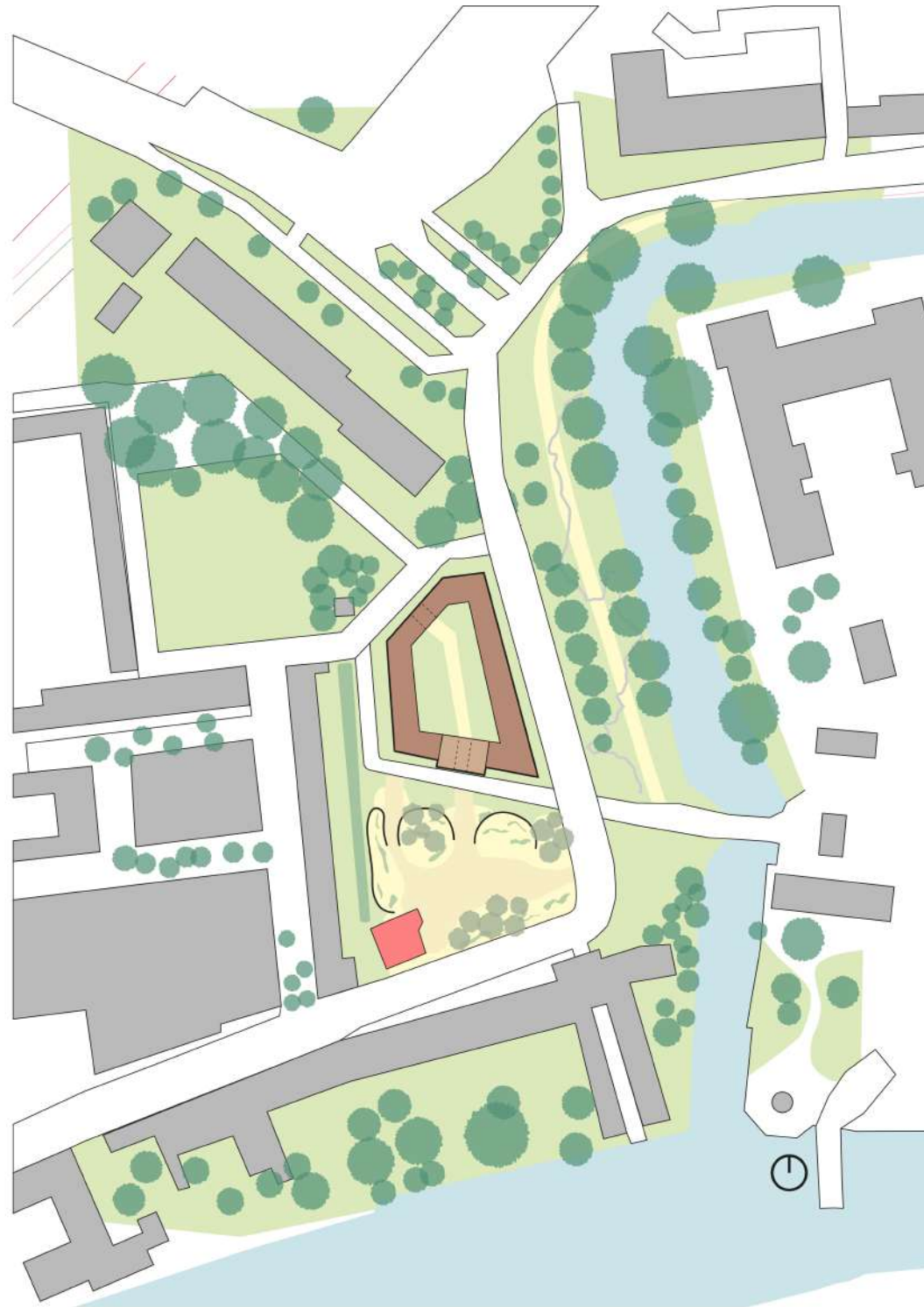
03 . ANALYSIS



04. CONCEPT



05 . MASTERPLAN



05. MASTERPLAN



06 . INCORPORATING HERITAGE

- Our goals:
 - Bring the bunker back into public awareness
 - Help locals reconnect to forgotten stories
 - Work with residents & history enthusiasts to bring these to light
 - Give the Duintuin a unique appearance rooted in its history and environment

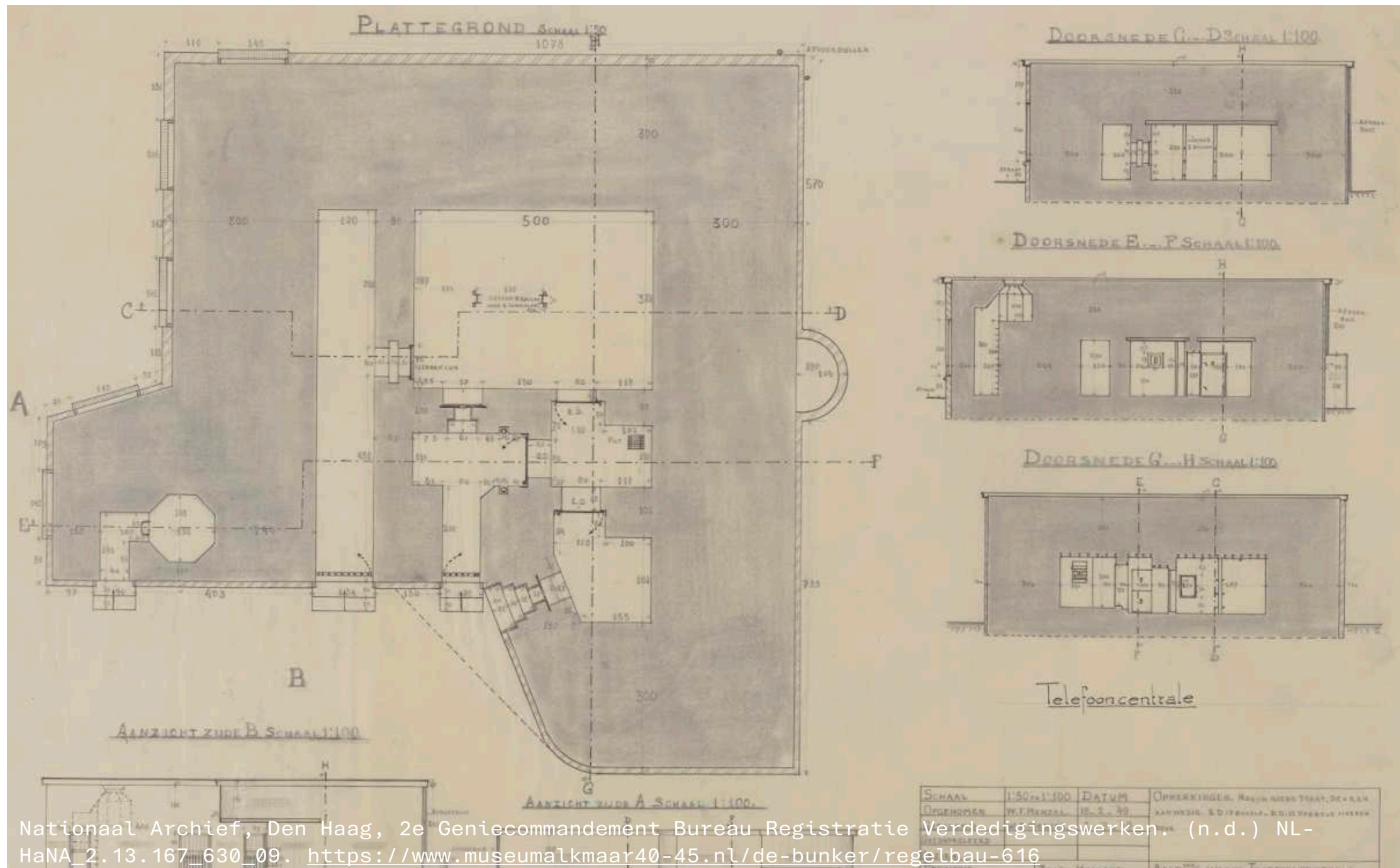
07. MATERIALS



- Tell the stories of;
 - Willem Flim
 - L. van der Kwaak
 - Arthur Schilp
 - Henk van Dijk
 - W.C.J. & M.C. Pera-Zoom



08 . MUSEUM '616'



FLOOR PLAN OF BAUPUNKT 207

08 . MUSEUM '616'



Michèl Admiraal. (n.d.). [Museum Bunker Alkmaar '40-'45]. <https://www.tracesofwar.com/sights/83058/German-Telephone-Bunker-R616-Alkmaar.htm>

MUSEUM BUNKER ALKMAAR '40-'45

09 . CLOSING THOUGHTS

- What we set out to do:
 - Reinvigorate interest in local history
 - Create a safe, pleasant living environment
- How we accomplished this:
 - Redesign and re-green the urban landscape with historically-inspired features
 - Collaboration with stakeholders

10. BIBLIOGRAPHY

- Alkmaar '40-'45. (n.d.) *Regelbau 616 Großschaltstelle*. <https://www.museumalkmaar40-45.nl/de-bunker/regelbau-616>
- Open Monumentendagen Leiden. (2020, September 9). *BUNKER WOII: Oersterk in communicatie* [Video]. YouTube. <https://www.youtube.com/watch?v=FmJA9IWcrqg&t=2s>
- Siebelt, A. (2016, September 30). *Pera-Zoom, W.C.J. en M.C. Leiden4045*. <https://www.leiden4045.nl/pera-w-c-j/>
- Siebelt, A. (2018, January 29). *Kwaal, L. van der. Leiden4045*. <https://www.leiden4045.nl/kwaak-l-van-der/>
- Siebelt, A. (2018, February 19). *Dijk, Hen van. Leiden4045*. <https://www.leiden4045.nl/dijk-henk-van/>
- Siebelt, A. (2018, March 19). *Flim, Willem. Leiden4045*. <https://www.leiden4045.nl/flim-willem/>
- Siebelt, A. (2018, August 17). *Schilp, Arthur. Leiden4045*. <https://www.leiden4045.nl/schilp-arthur/>

De Groene Draad door Tuinstad-Staalwijk

Using a green strip to tell a story

Spatial Heritage Design

Wies Koster, Danique Vermeij, Cas Raven, Jesper
Smits, Gijs Thissen, Josefina Quiroga Viñas and Jochem
Wilmes

Tuinstad-Staalwijk



Location of Tuinstad-Staalwijk district (Map: Gemeente Leiden, 2025)



Location of Tuinstad-Staalwijk district within Leiden (Map: Jochem Wilmes, 2025)

Tuinstad-Staalwijk - Hidden Heritage

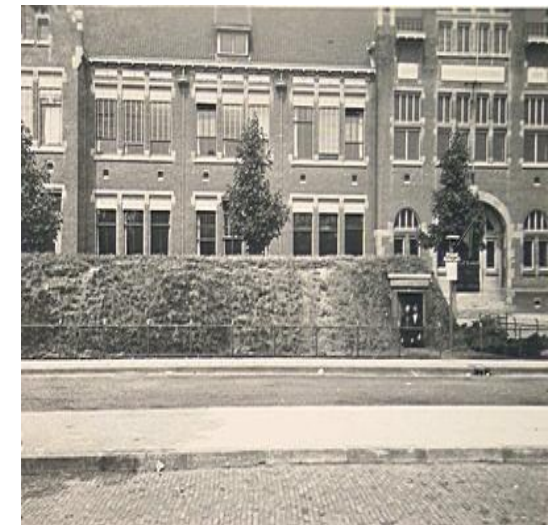
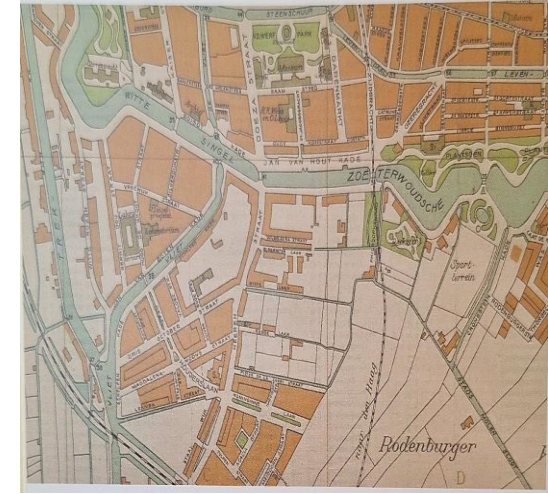
- Part of Zoeterwoude until ~1890

20th Century

- Population growth
- Working class
- Tuinstad-principle

Second World War

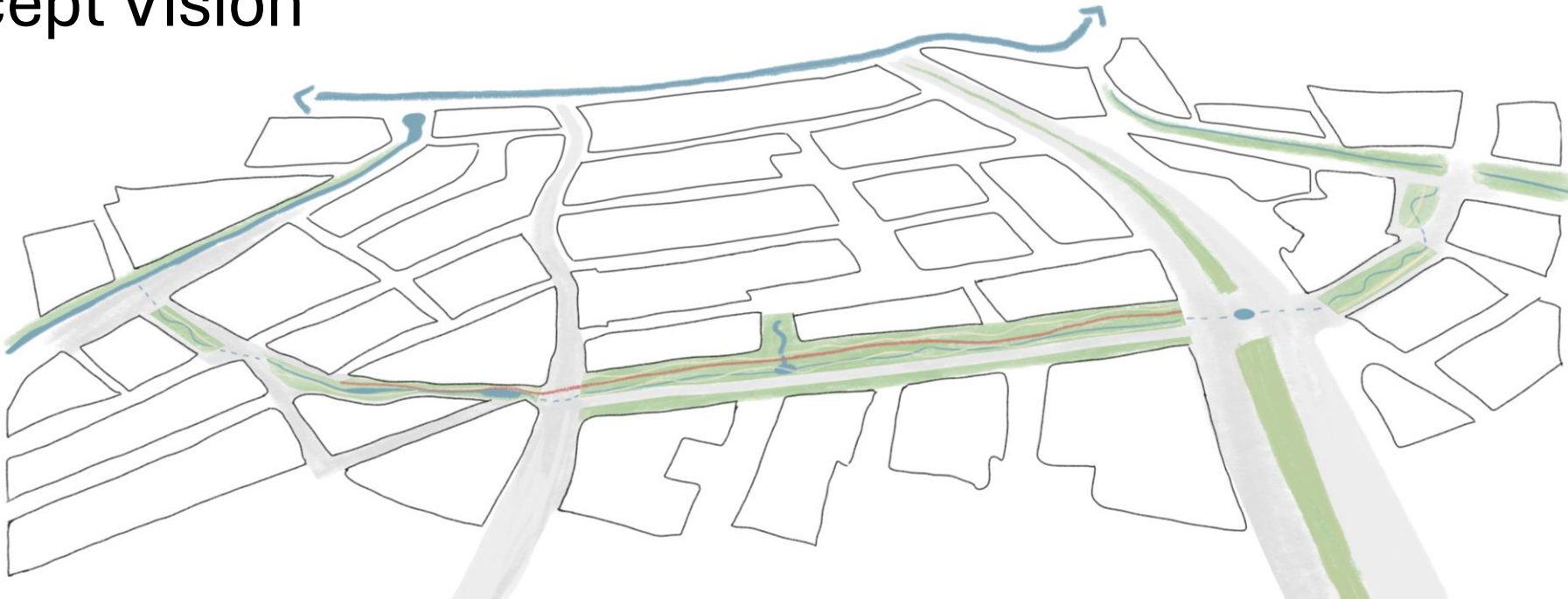
- Shelter construction
- Air raid shelter



Tuinstad-Staalwijk - Hidden Heritage



Concept Vision



Historic timeline



Green strip



Untold stories

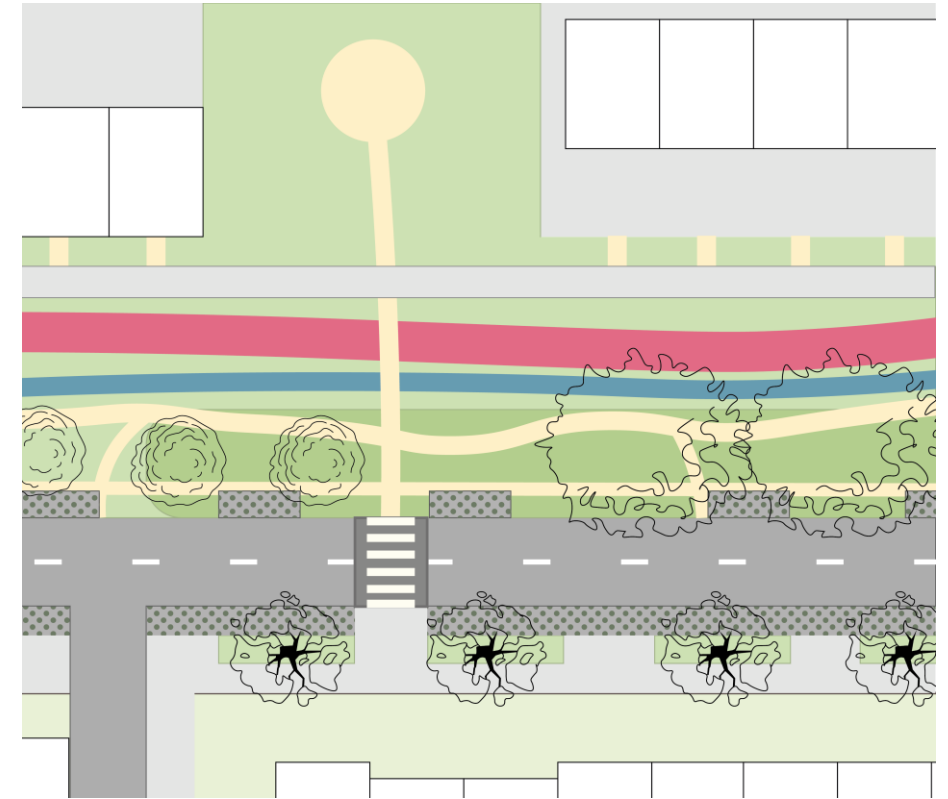
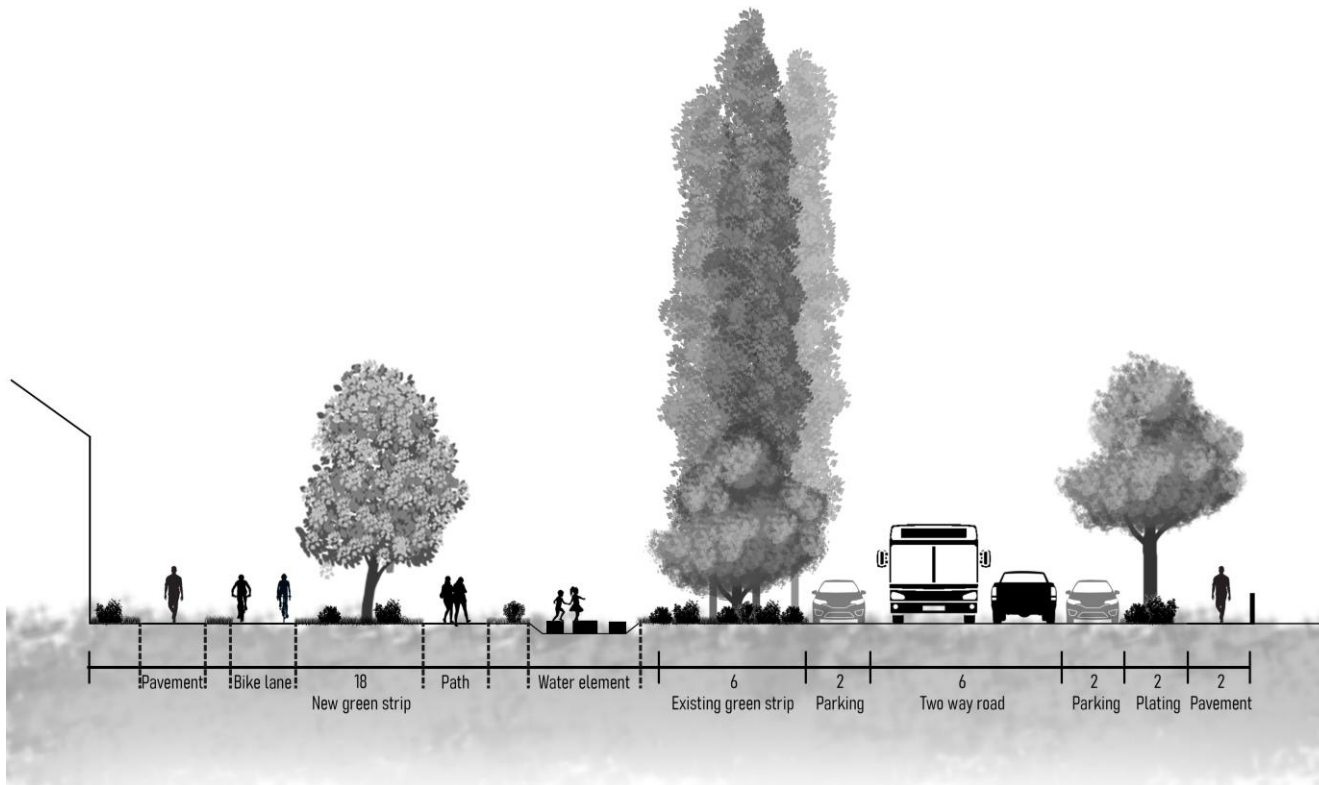


Water as connector

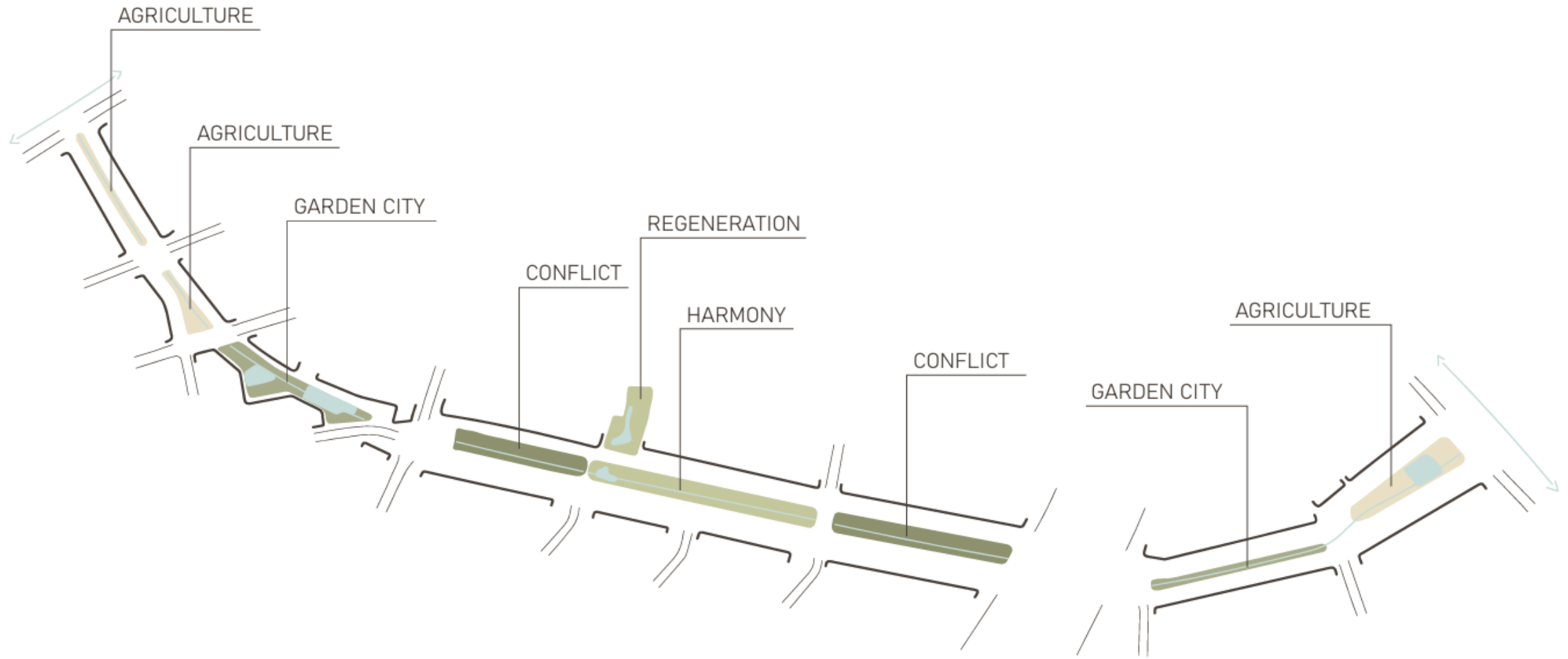


Safe traffic

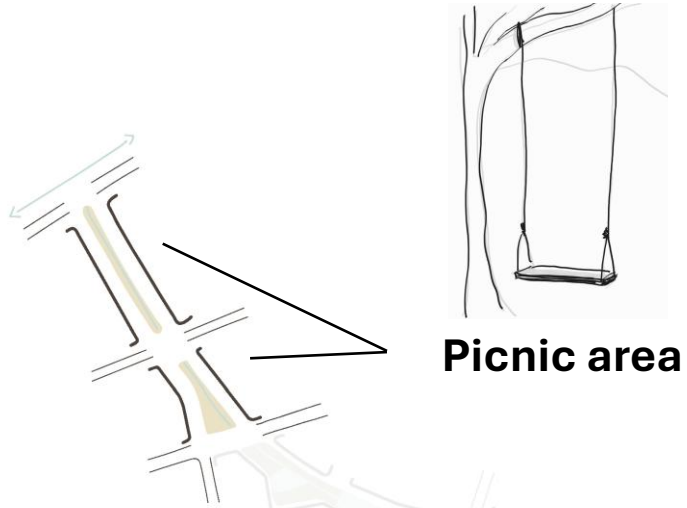
Concept Redesign Koninginnelaan



Patches through time



Agricultural patch



Community Garden

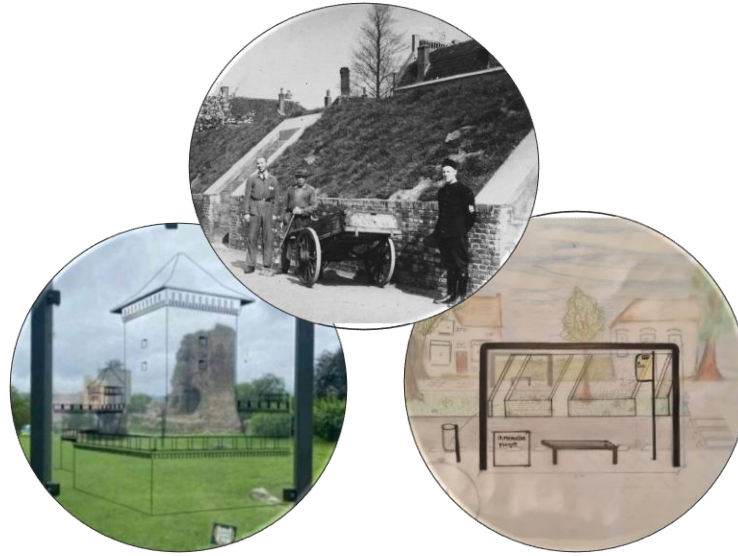
- Meadow
- Livestock & Wool
- Peat for Warmth
- Gardens & Gathering
- Zoeterwoude ↔ Leiden

Garden City Patch

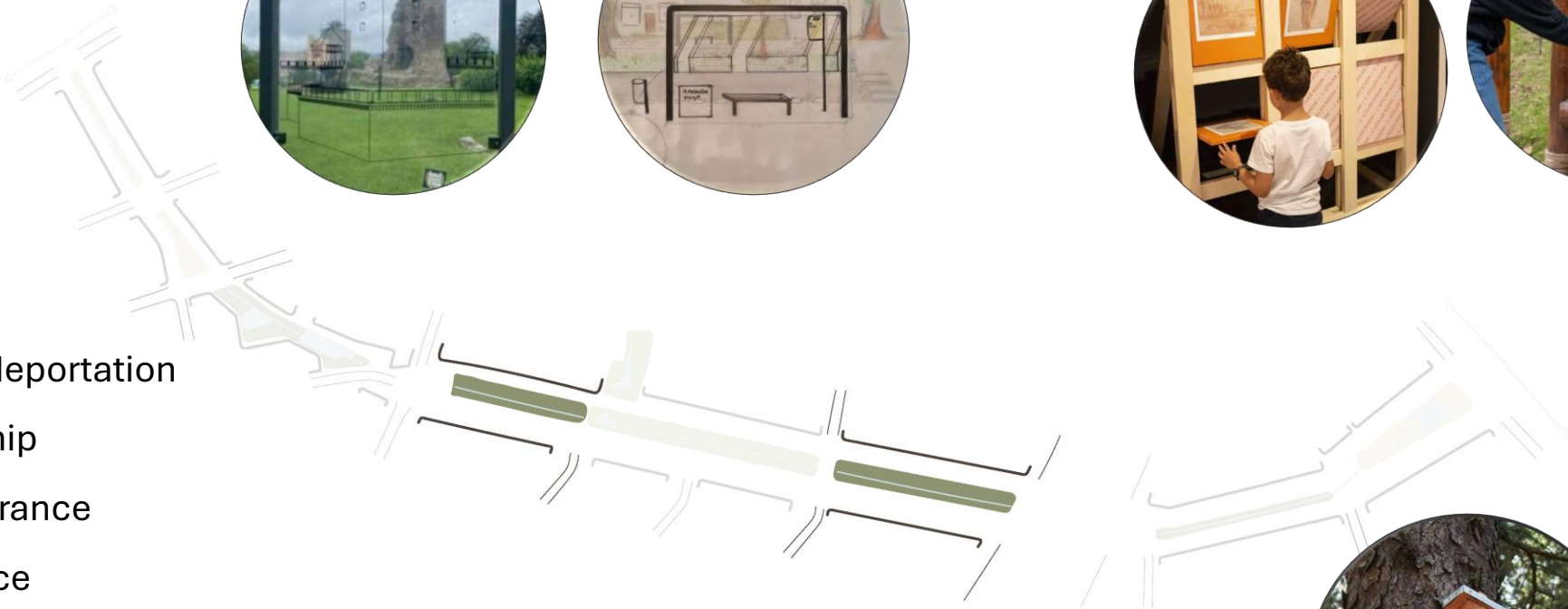


- Labor
- Utopia
- Inclusion, health, equality & progress

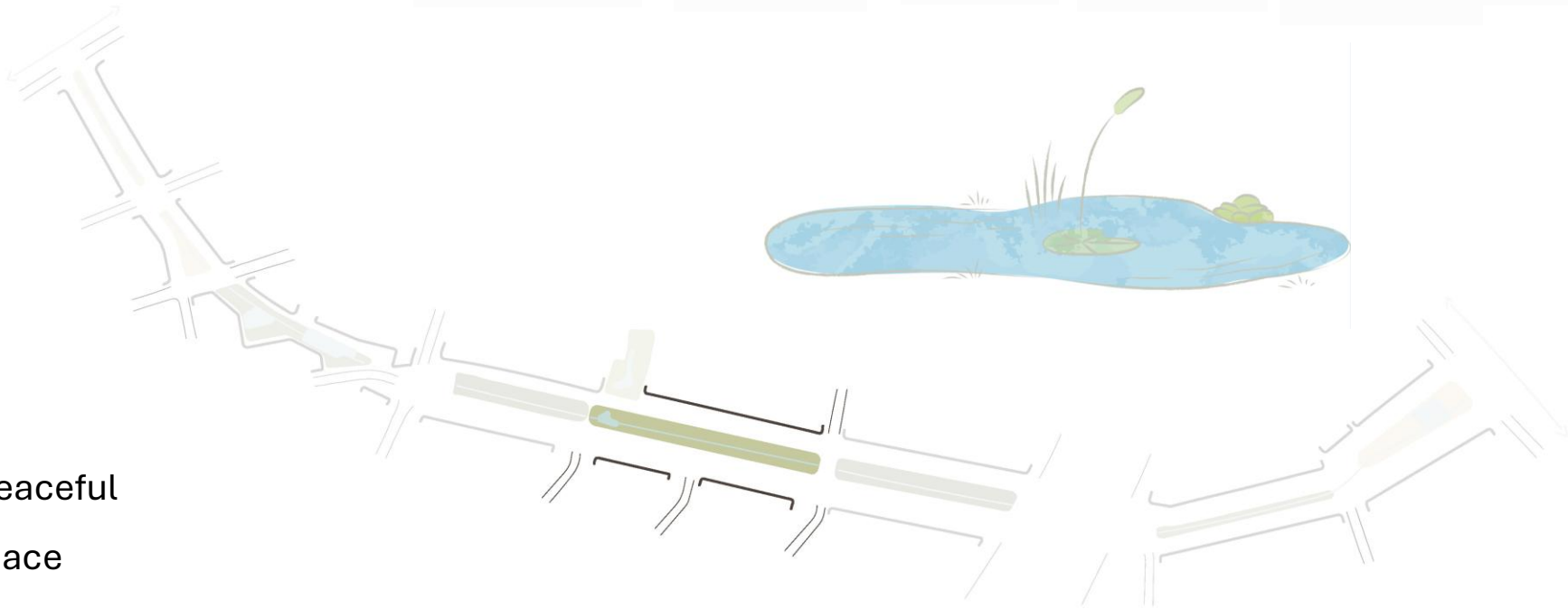
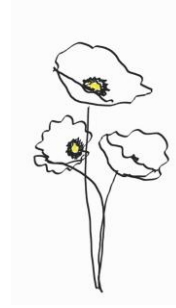
Conflict Patch



- Shelter
- Arrests, deportation
- Censorship
- Remembrance
- Resistance
- Vigilance



Harmony Patch



- Quiet, Peaceful
- Open space
- Flowers Symbolizing peace > pollinators

Regeneration Patch



- Peace
- Continuity
- Future
- Sustainability
- Memory & Joy



Universiteit
Leiden



TU Delft
Delft University of
Technology

Reference List

- Benthemplein Rotterdam. (2013). *Benthemplein in Rotterdam* [Photograph]. Straatbeeld. <https://www.straatbeeld.nl/nieuws/benthemplein-in-rotterdam-een-bijzonder-waterplein>.
- De Bruine Speeltoestellen. (n.d.). *Kruiptunnel 5 meter Zwart Ø80cm kopen? Snelle levering!* <https://www.debruinespeeltoestellen.nl/kruiptunnel-5-meter-zwart-80cm.html>
- Gemeente Leiden. (2025). *Buurtprofiel - bevolking - Pieterswijk*. Leiden in Cijfers. <https://leiden.incijfers.nl/dashboard/buurtprofiel/bevolking>
- Houtplezier Speeltoestellen. (n.d.). *Heuvel met kruipbuis en speelhuis* [Photograph]. Pinterest. <https://nl.pinterest.com/pin/466052261433875713/>
- Kok, R. (2022, April 25). Plek voor 7500 Leidenaars om te schuilen na uitbreken 'groote oorlog' | Oorlogssporen. Leidsch Dagblad. <https://archive.is/6Y4nn#selection-225.0-225.85>
- National Museum Kruševac. (n.d.). *Krusevac fortress* [Photograph]. NMKS.
- Smit, C. B. A. (2010). *Tuinstad-Staalwijk: Van tuinen tot stadswijk*. Wijkcomité Tuinstad-Staalwijk.
- Topotijdreis (2015). *200 jaar topografische kaarten*. Kadaster. <https://www.topotijdreis.nl/>
- *Tuinstad-Staalwijk - geschiedenis*. (2022). Tuinstad Staalwijk. <https://www.tuinstadstaalwijk.nl/geschiedenis>

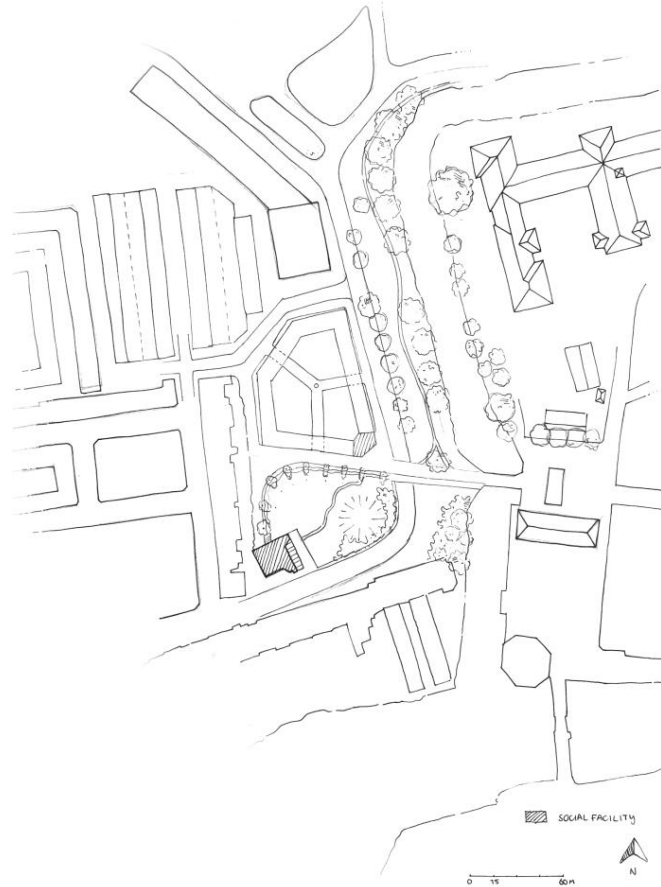


Weeping Birches

Floor, Szymon, Jazz, Geeske



Our Proposal



Morspoort before the war

- Military barracks
- Military hospital, opened 1875, closed 1940
- The hospital active during the 1914 mobilization of the Dutch army
- An important part of the heritage of the area 75 years of the hospital celebrated in 1939
- Air raid shelter

Beeldbankvol.
(2025, May, 21).
<https://www.beeldbankvol.nl/cgi-bin/fotos.pl?ident=004833&search=morssingel&sort=14&veld=all&inword=2&bool=and&display=list&istart=91&sub=0>



Beeldbankvol. (2025, May, 21).
<https://www.beeldbankvol.nl/cgi-bin/fotos.pl?ident=000064&search=1900-1905&veld=dating&display=list&istart=1&sub=0>

Leiden - Morspoort

Morspoort during the war

- Germans shut down the operation of the military hospital
- Occupation forces build a telecommunications bunker in 1941 as part of the Atlantic Wall
- Leiden suffered heavily under Allied bombing



Bezoekatlantikwall.
(2025, May, 21).
<https://www.bezoekatlantikwall.nl/nieuwsbericht/nieuw-oorlogsmuseum-in-telefoonbunker-leiden>



Gemeente Leiden.
(2025, May, 21).



Erfgoedleiden. (2025, May 21).
<https://www.erfgoedleiden.nl/nieuws/vondst-vande-week/1092-vvdw-bombardementen-op-leiden>

Morspoort after the war

- The telecommunication bunker remains standing today
- The military hospital was demolished in 1951
- The military barracks remain today
- The neighborhood is already imbued with heritage and there's opportunity to showcase it



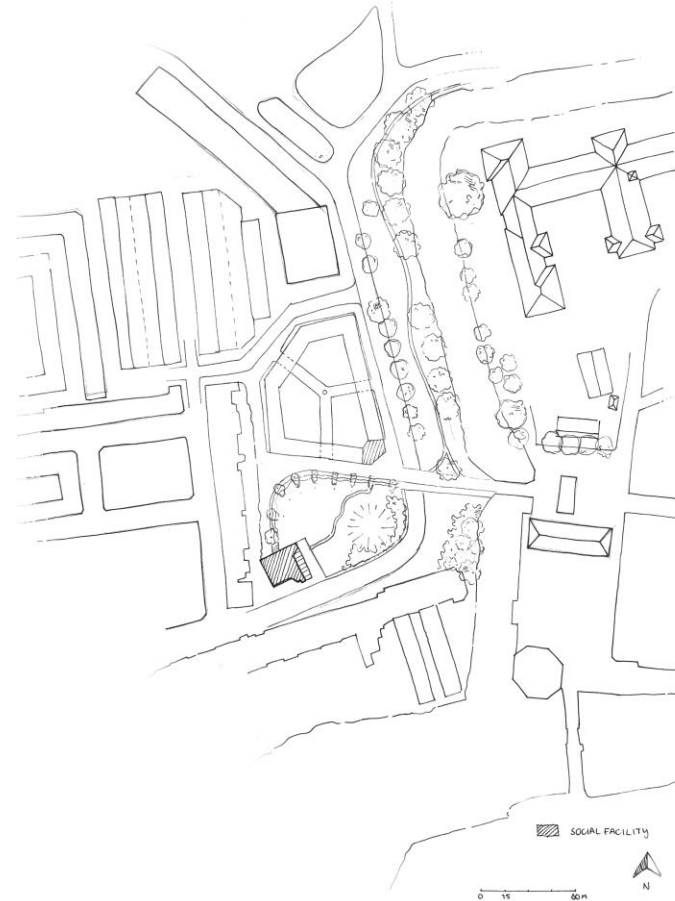
Beeldbankvol. (2025, May, 21).
<https://www.beeldbankvol.nl/cgi-bin/fotos.pl?ident=004833&search=morssingel&sort=14&veld=all&inword=2&bool=and&display=list&istart=91&sub=0>

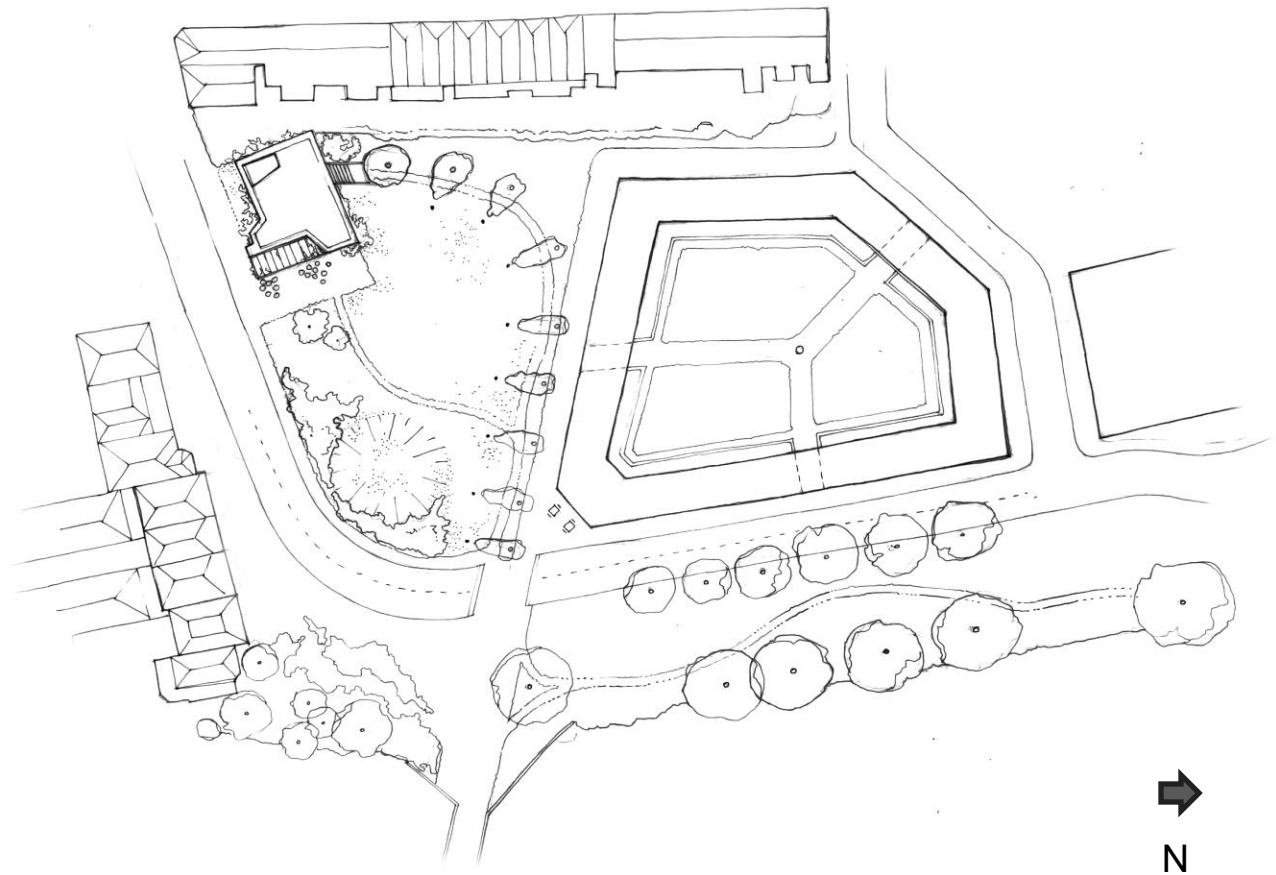


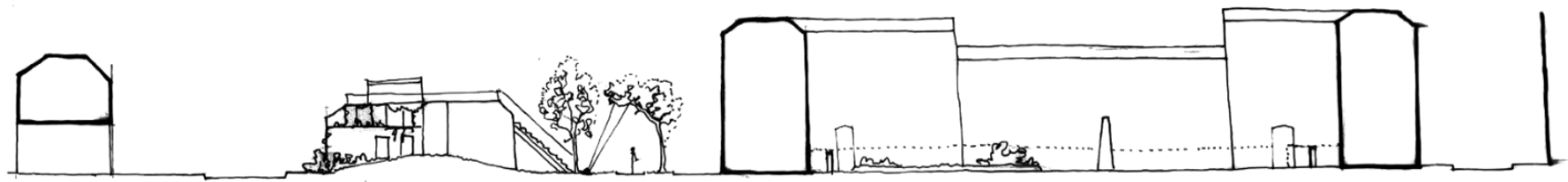
Photo by Benjamin
Jasper Wilson

Housing block design

- Housing blocks to improve the quality and safety of the area.
- Taking inspiration from the lost heritage of the old military hospital through the design of the gardens.
- Additionally, a statue will be placed in the centre of the quad that is dedicated to the nurses who served.
- Ensure plenty of greenery outside the block as well.

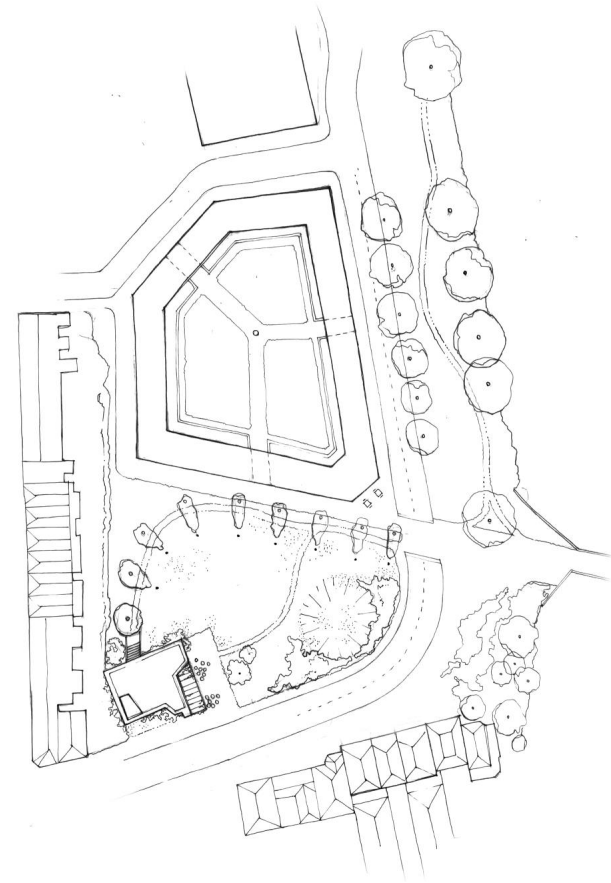






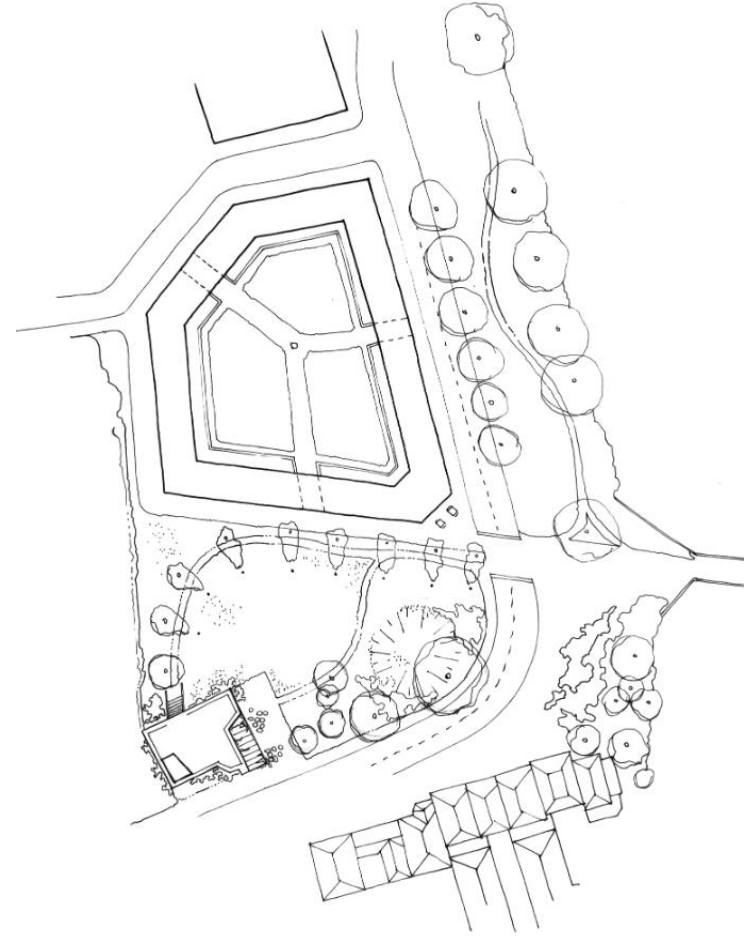
Bunker Area Design

- Bunker will be renovated into a flower shop.
- The top of the bunker will be a terrace with a small coffee cafe.
- Surrounding area will be a large green open area as a meeting spot for the community.
- Weighed down trees that open up as the path approaches the bunker, symbolising healing from the wartime trauma.
- A new path from the Morspoort connecting directly to the bunker.
- Dune landscape introduced to the area to physically and visually link back to the Atlantikwall.
- Popular with the nearby student population.

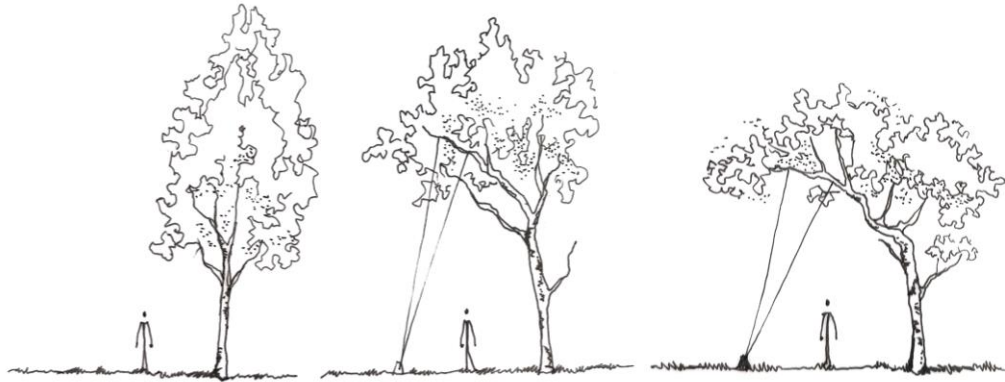


Bunker Area Plan with preserving trees

- This plan addresses the concern for preserving the already growing trees in the area
- It poses additional challenges that create new challenges in solving the other problems of this design



Betula pendula 'tristis' - **Weeping birch**





Stadsmarkering Groningen S07
William Forsythe, Daniel Libeskind - 1990



Bibliography

- Municipality of Leiden. (nd). *Morspoortterrein* . Municipality of Leiden. <https://gemeente.leiden.nl/projecten/stationsgebied-leiden/morspoortterrein/>
- Cadastre. (nd). *Topotijdreis*. <https://www.topotijdreis.nl>
- Leiden, City of Discoveries. (n.d.). *Morspoort* . Municipality of Leiden. <https://www.visitleiden.nl/nl/locaties/2104930519/morspoort>
- Open Monument Days Leiden. (2020, September 9). *BUNKER WWII: Rock-solid in communication* [Video]. YouTube. <https://www.youtube.com/watch?v=FmJA9IWcrgg&t=2s>
- Leidsch Dagblad. (1939, October, 19). Het 75 bestaan van het Christelijk Militair Tehuis. <https://leiden.courant.nu/issue/LD/1939-10-19/edition/0/page/6?query=Militair%20Hospitaal&sort=relevance>

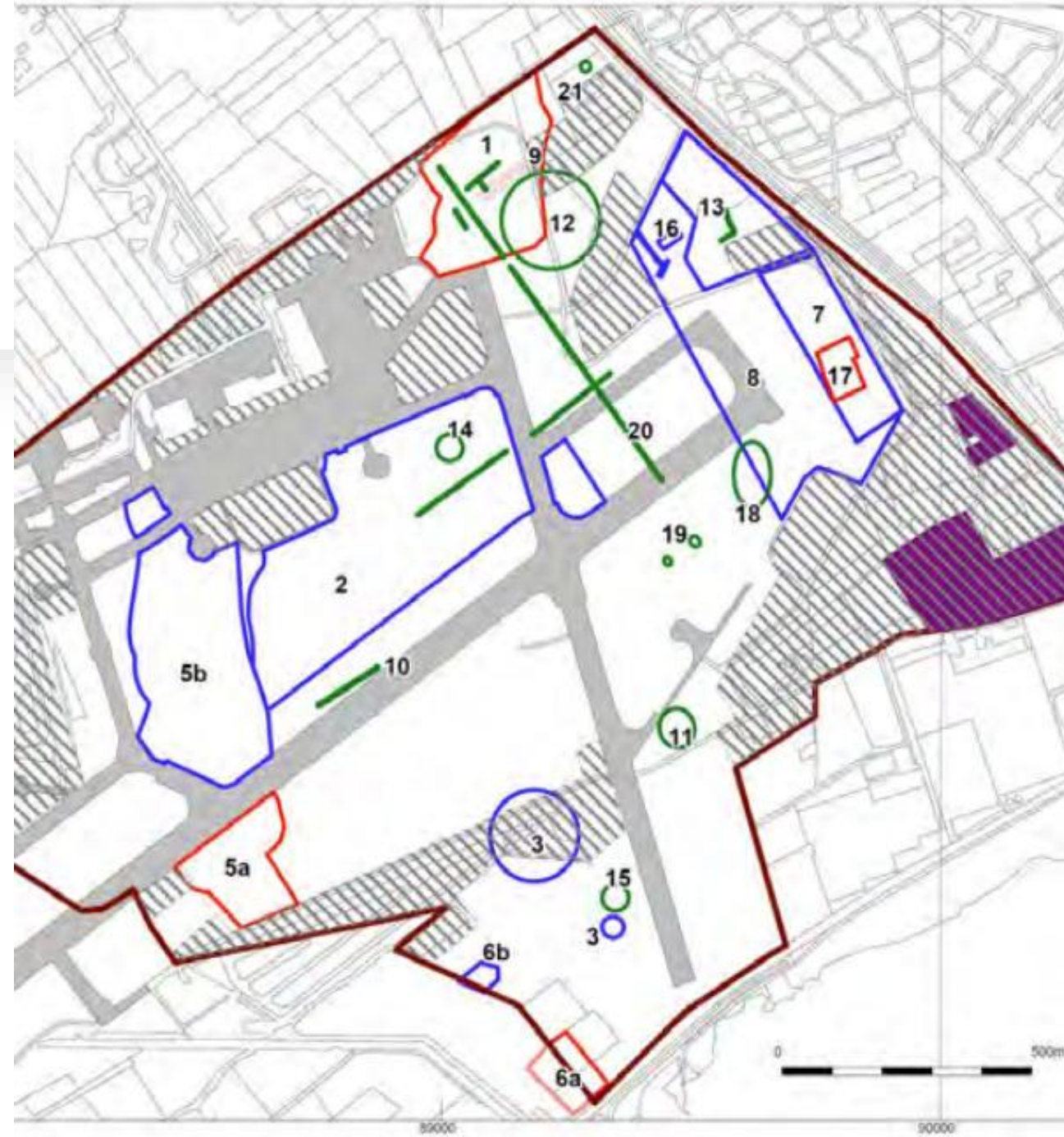
Historic overview of Valkenburg airfield.

Groups: may 1940, cold war and
bunkerbos



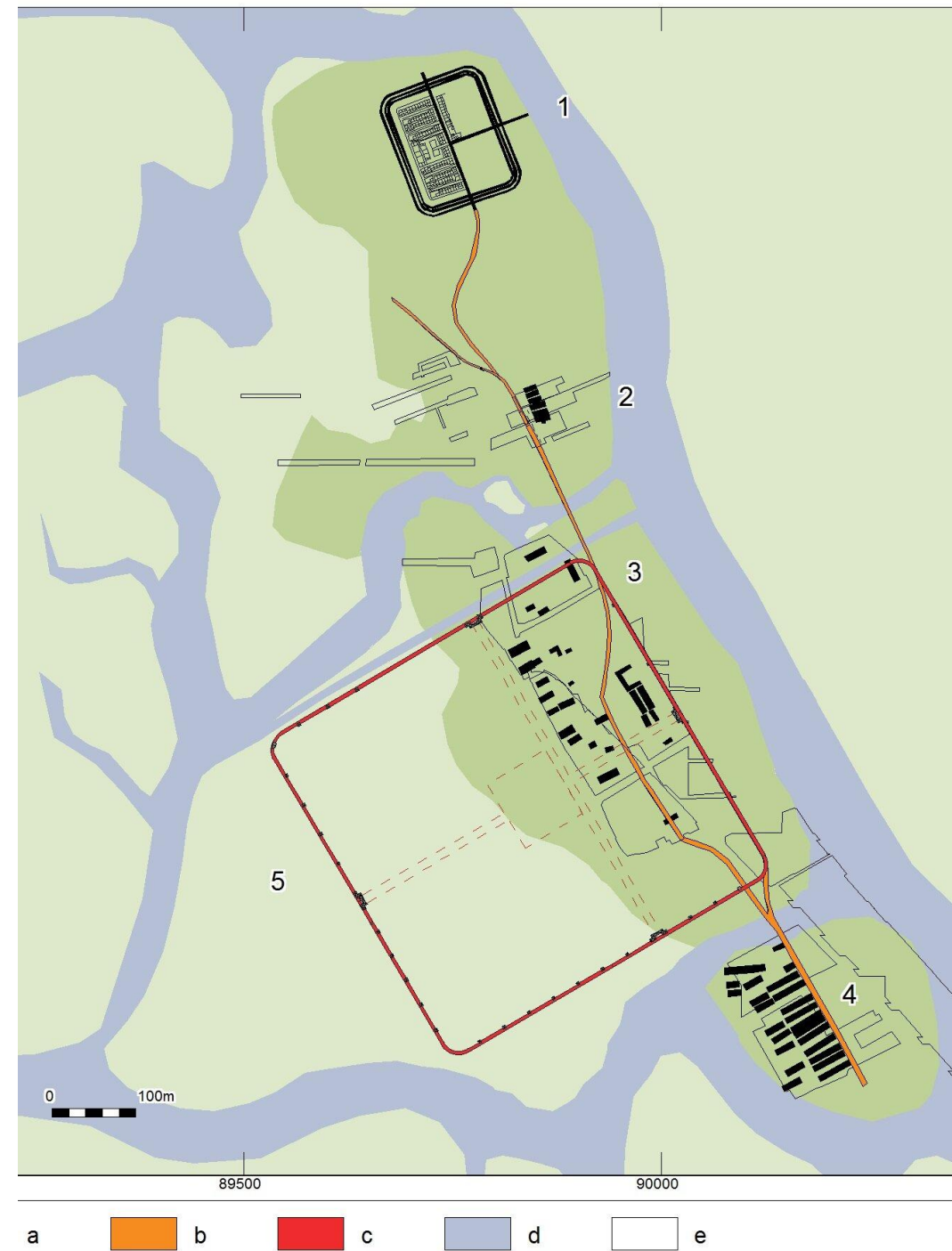
Prehistory of the airfield

- Late bronze age
- Iron age
- Roman period
- Red in-SITU
- Blue and green ex-situ



Roman fortress

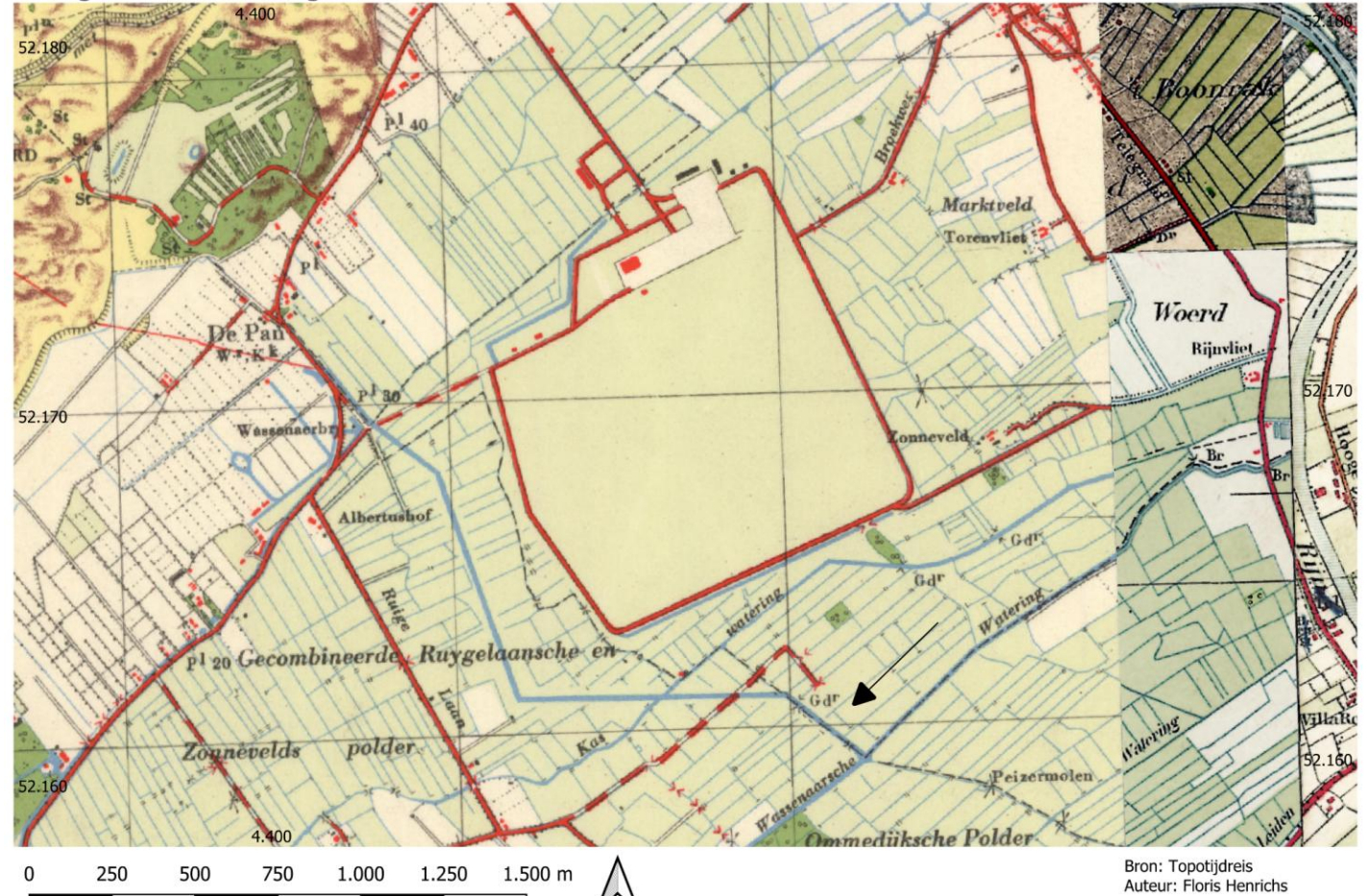
- 39 A.D
- 1 legion, XX Neus?
- Invasion Britannia
- Out of use 50 A.D
- Vicus
- 70 to 270 A.D



Dutch airfield

- Build 1939
- German paratroopers land in 1940
- Heavy fighting
- Dutch reconquer airfield
- Germans use the airfield
- 1942
- 1945 food droppings

Vliegveld Valkenburg 1950



German occupation

Vliegveld Valkenburg RAF foto



Bron: Topotijdreis en
universiteit Wageningen
Auteur: Floris Henrichs

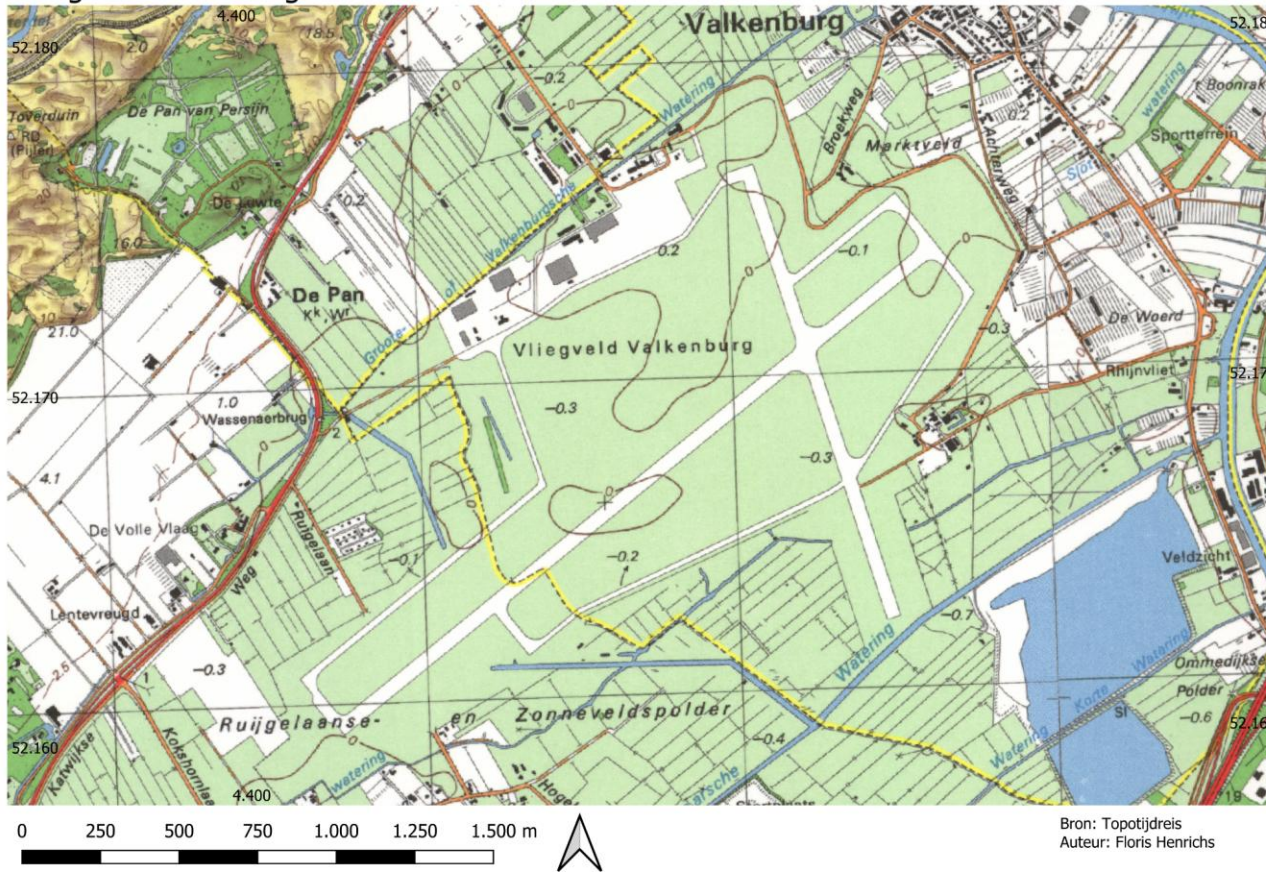
Vliegveld Valkenburg RAF foto



Bron: Topotijdreis en
universiteit Wageningen
Auteur: Floris Henrichs

Cold war airfield

Vliegveld Valkenburg 1988



- 1946 MLD
- Support facility
- Submarines
- 1990 VIP airfield
- Closing 2006

Today

- 2010 soldaat van oranje
- 2012 bestemmingsplan woning
- 2016 drone valley



HERITAGE AND ECOLOGY

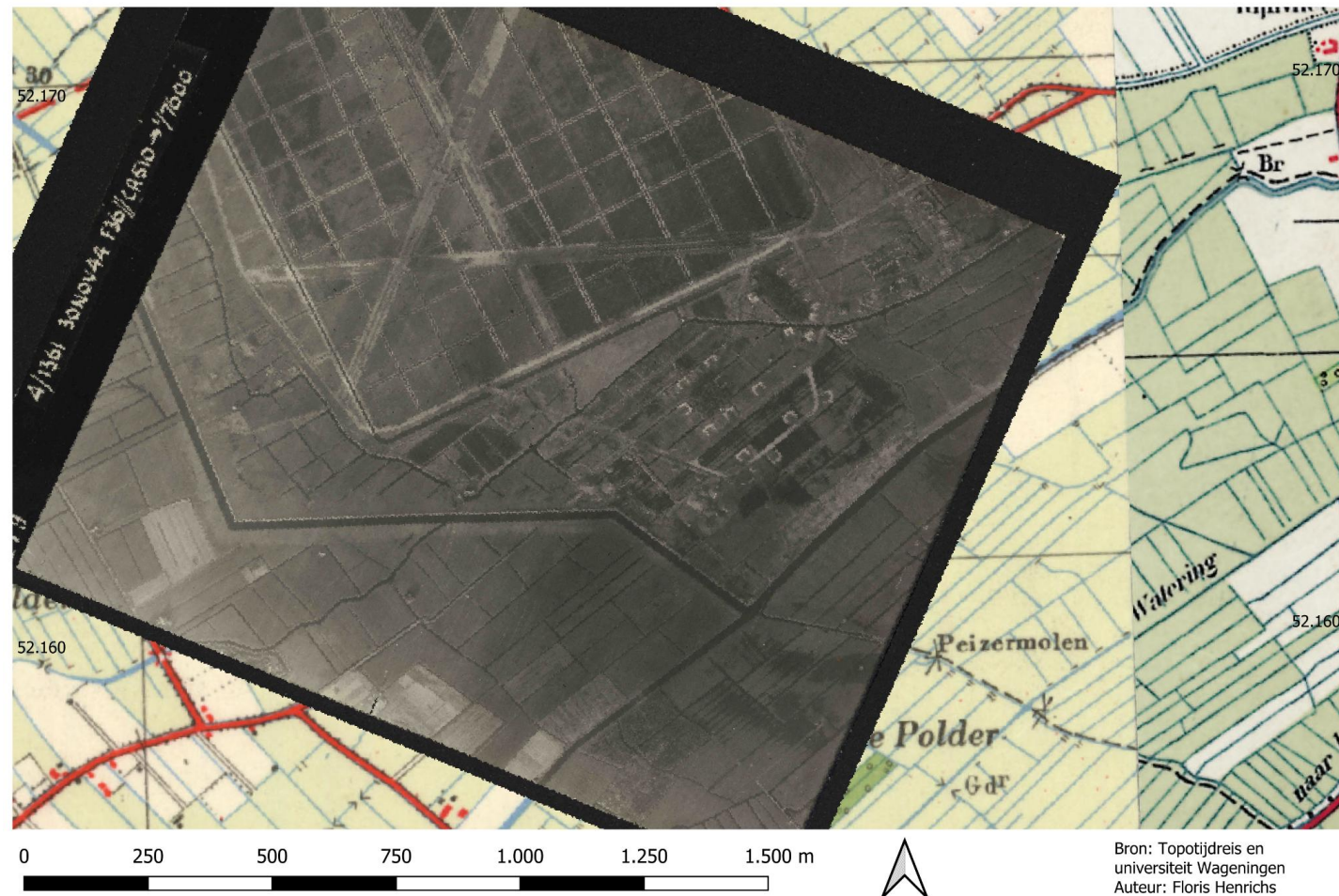
Merging the history of the Bunkerbos with the present situation

Wiebe, Kyra, Eline and Floris

Historic overview

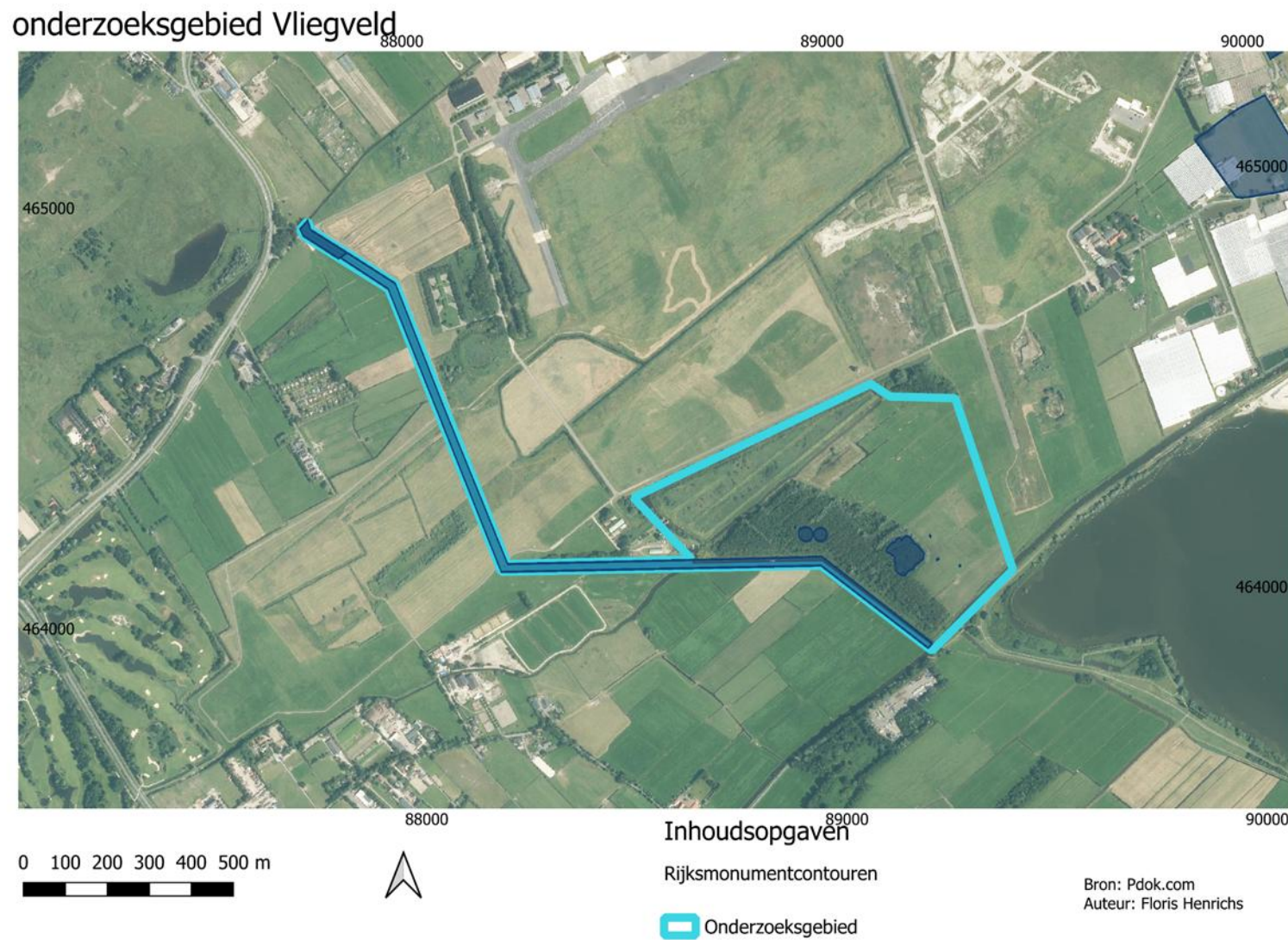
- Antitank ditch
- German anti-air position
- Latrines

Vliegveld Valkenburg RAF foto



Bunker bos in 2025

- Ecologic hotspot
- Bunkers overgrown
- Tank ditch
- Latrines
- Heritage mostly forgotten



Key species

Habitat sketch

The most common habitat, diet and threatend status in a sketch.



Buzzard



Habitat



Diet



Protected



Polecat



Habitat



Diet



Protected



Roe



Habitat



Diet



Protected



Tree frog



Habitat



Diet

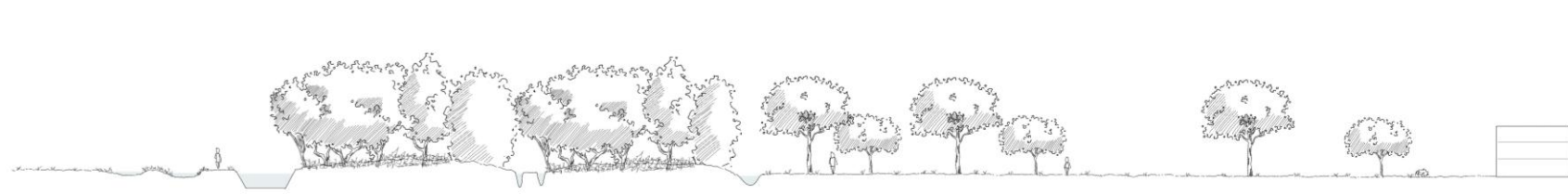


Protected

Our vision

Enhancing heritage and ecology

Adding educational and recreational purposes



- BUNKERBOS
- PARK
- HELOPHYTE FILTER
- MEADOW + TOAD PONDS
- REED SWAMP
- ECOLOGICAL BUFFER CORRIDOR
- BEACH
- TANK DITCH + OTHER WATERS
- BIKE LANE + FOOT PATH
- FOOT PATH
- ROUTE BOAT TOUR
- DOCK
- VIEWING TOWER HELOPHYTE FILTER
- ① TANK DITCH
- ② BUNKERS
- ③ DITCH ALONG BUNKER ISLAND
- ④ BUNKER

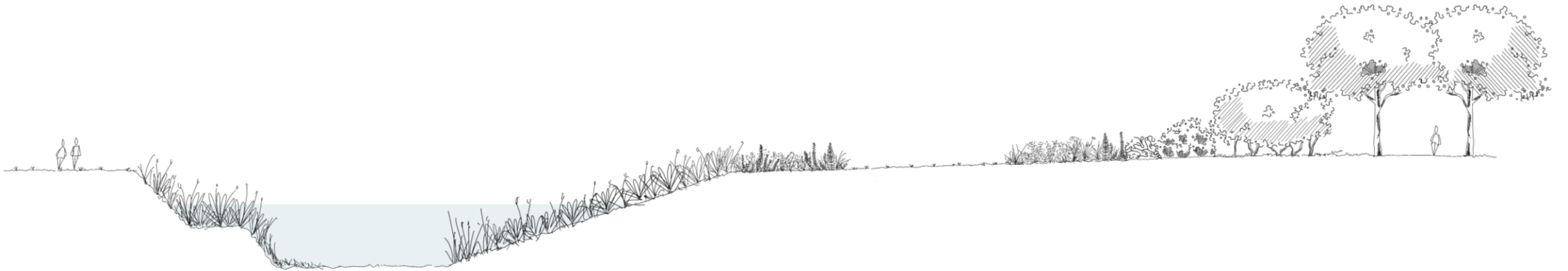
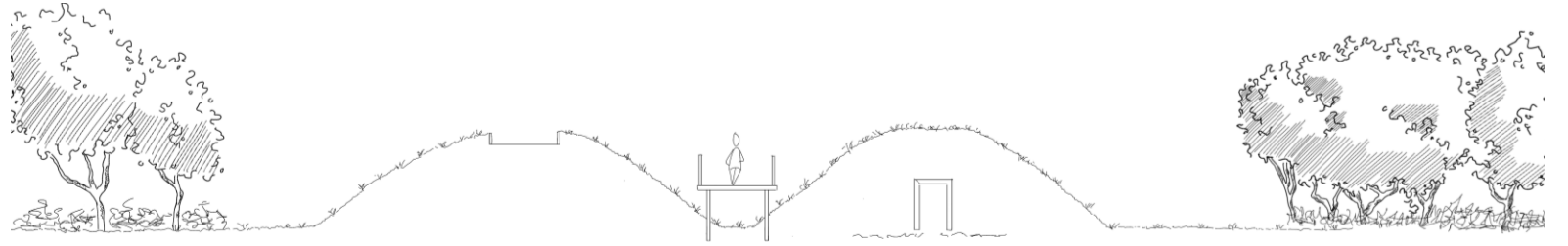


Our vision

Ecological corridors connecting
the Bunkerbos with the Natura
2000 area in the Dunes



Cross-sections



Latrine



Conclusion

With our vision, the Bunkerbos becomes the heart of a new ecological and recreational hotspot. The designed green zone functions as a buffer between the heritage site and new residential developments.