

BODY, TIME & GRAVITY

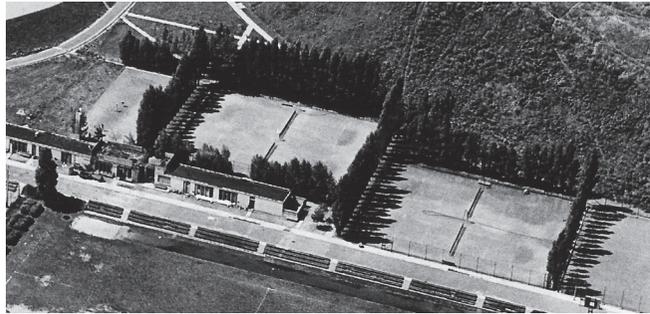
WARSAWIANKA was conceived as a complex mechanism that connects humans with nature. Fundamental ideas present within the original design remain vital, thus any intervention will take form by practice of **PRESERVATION BY MANAGEMENT** to bring the space alive through thoughtful exposition of modernist heritage and its enhancement for the evolving social and natural environment.

Warszawianka thus becomes a **LIVING MONUMENT**, a platform that connects **HUMANS** with **NATURE** via **PHYSICAL ACTIVITY** and **CULTURE**. Entire grounds are to be perceived as a contemporary, complex equivalent to a **SUNDIAL** that will enable the users to place themselves in direct and indirect relation to **BODY, TIME** and **GRAVITY**.

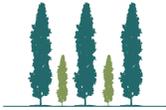
The space acquires **DIGITAL CONSCIOUSNESS** enhancing interaction with existing and potential users. It transcends physical presence through multiple touchpoints and supplements it with self-triggered visual manifestations of users' actions visible on-site. It aims at lowering barrier of entry, increase user loyalty and support future data-driven development decisions.

Project roadmap and governance model of Warszawianka shall be structured and documented in a way, that will allow it to become an exemplary and transferable format of a **PUBLIC SERVICE** addressing important **HEALTH** and **SOCIAL POLICY** goals.

INHERITED NATURAL LANGUAGE



Arboreal shady rooms.



column trees



hedges



espalier
double tree row



responsive
retaining wall



potted plants



umbrella tree



climbers



protected wildlife
reserves
+ paths on the
edges



Inherited



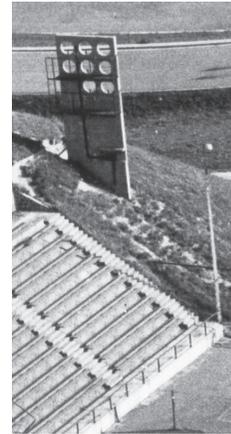
Interpreted

INHERITED ARCHITECTURAL LANGUAGE

TG2016



Space markers: clock tower / score tower.



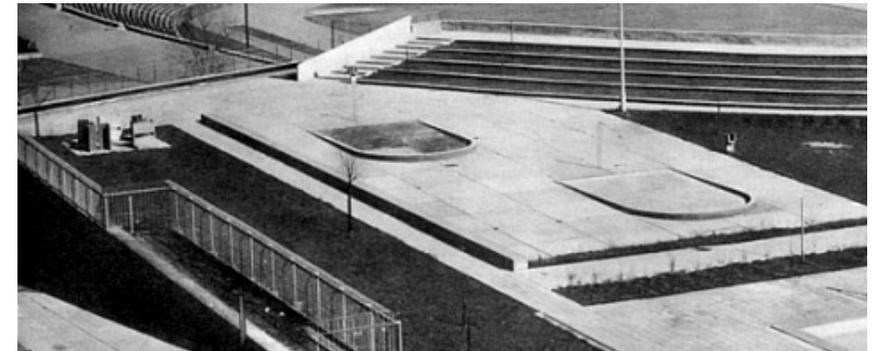
Soltan pavilion



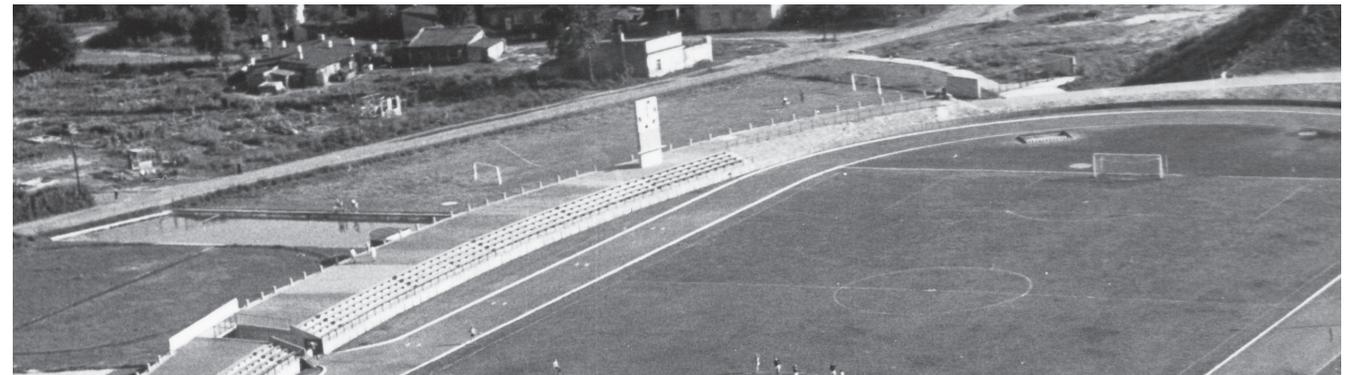
Retaining wall and spout



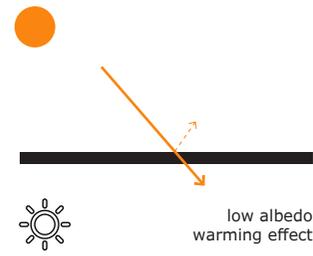
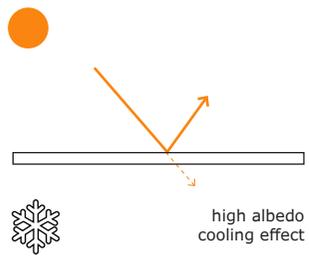
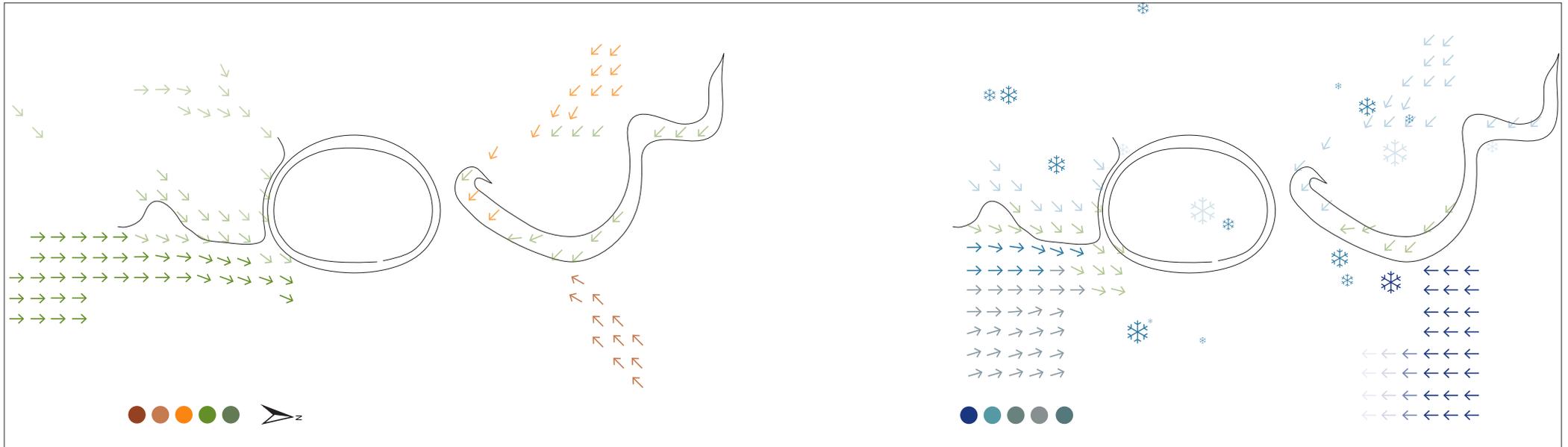
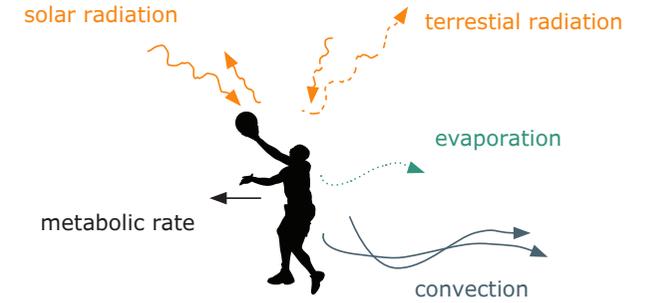
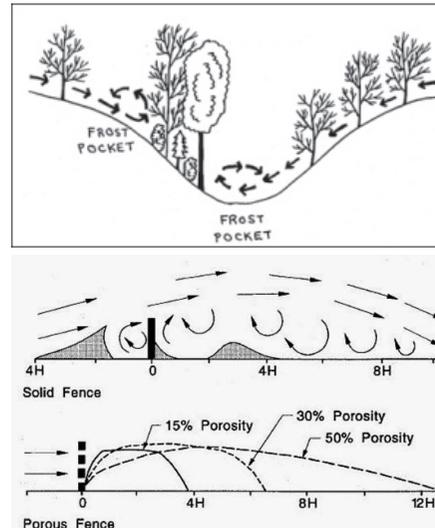
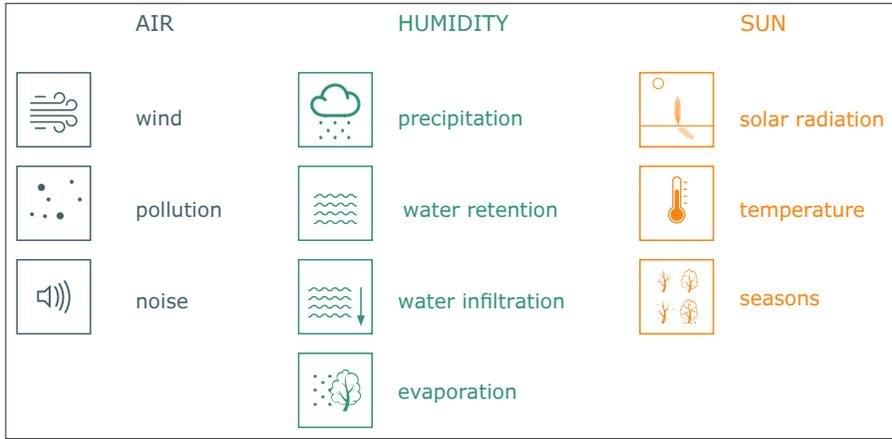
Playscapes: sculptural playgrounds

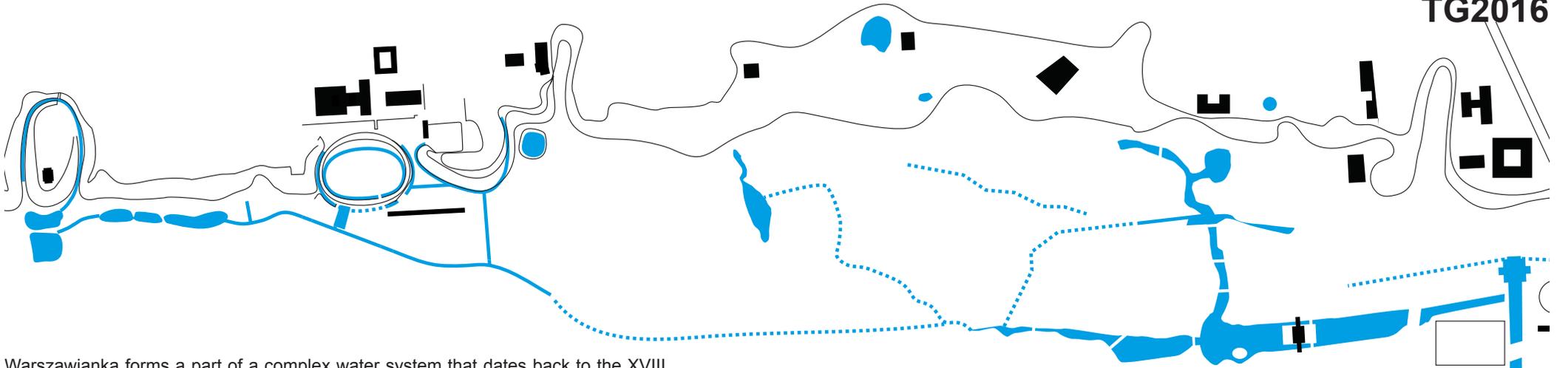


Playscapes: sculptural playground / artificial puddles / grassy steps for sunbathing



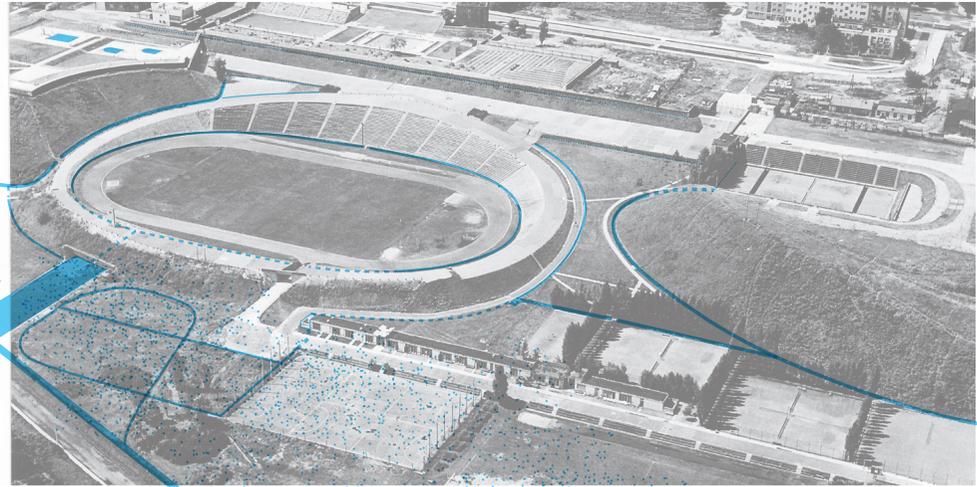
Gates-bridges that served, along with the topography as access control system: eastern stadium gate and south western ramp of the stadium. Are also visible the water retention pool and the clock tower.



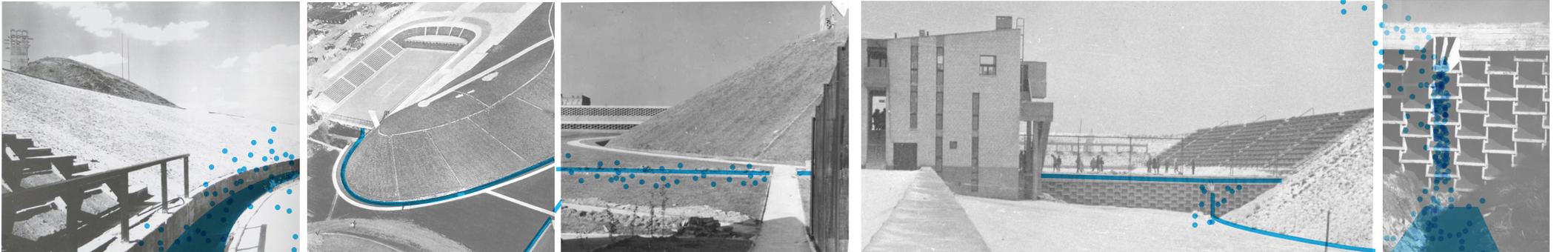


Warszawianka forms a part of a complex water system that dates back to the XVIII century, when the water pumps installed below Królikarnia Palace were utilized along with the Vistula River water (via Piaseczyński Canal) to create the Łazienki Park complex. The designers of Warszawianka decided to use this water administration system as a **MAIN vehicle for the COMPOSITION and ACCESS CONTROL**. **Water canals, ditches, drainage stripes, swimming pools, as well as retention and humidifying pools** were shaped by pre-existing gravity-based water systems and topography (both existing and manmade) that **influenced the character and the shape of the paths and roads**. Warszawianka's lot is well watered—despite the fact that many **ducts and spouts are blocked (which caused a slow destruction of architectural features such as concrete walls)**—it remains well connected to a functioning system of streams and springs evident today in the overgrowth of the greenery along the structure's main axis of water ducts and ditches.

To enable the **free movement of water** along the planned architectural composition the following should be done: the retaining wall modules that were filled (the-so-called "Tomaszewski walls") should be unblocked, the ditches and ducts restored or replaced with new ones, where necessary.



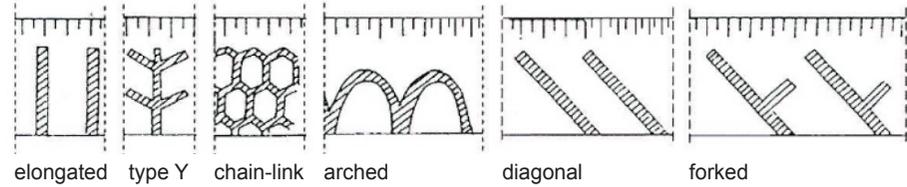
Warszawianka's aquatic veins nowadays blocked



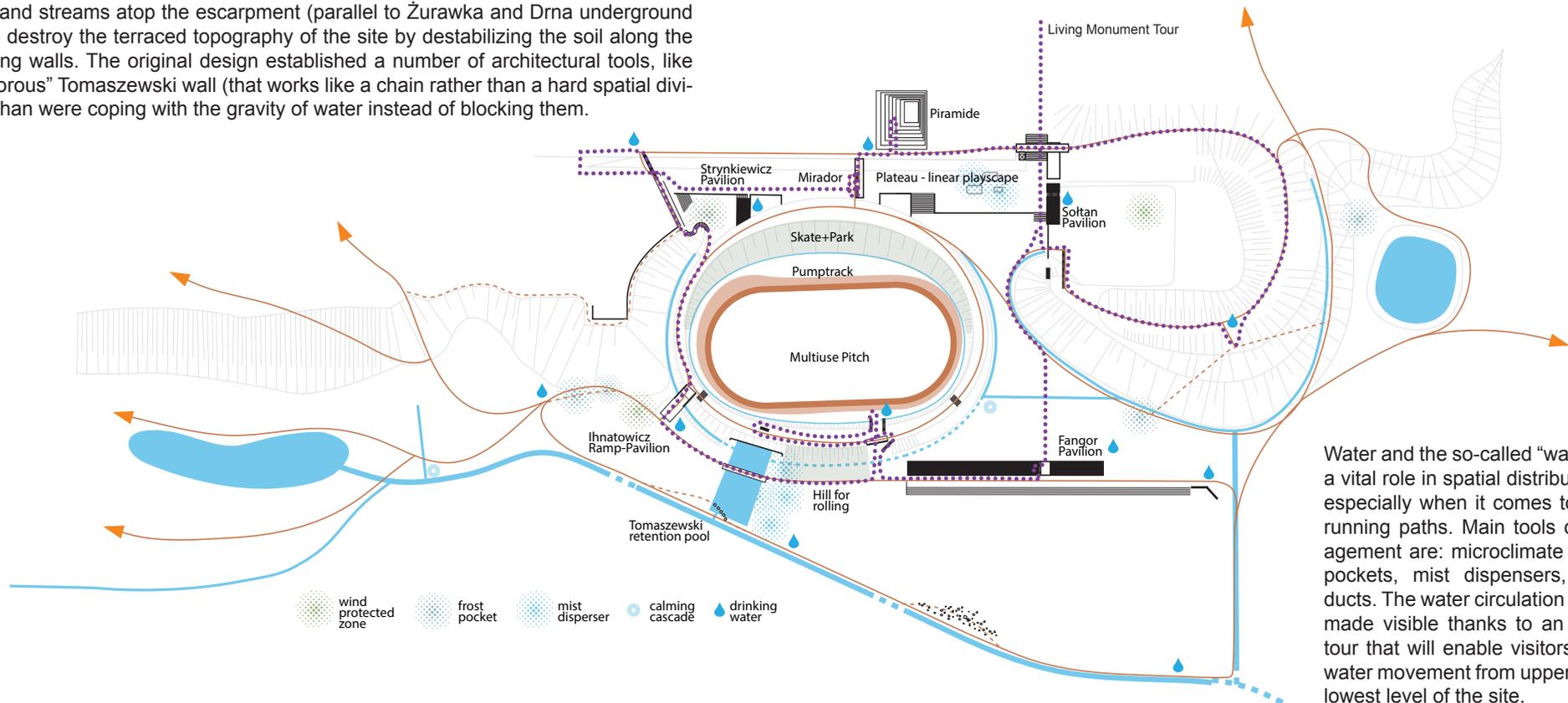
Climate changes prompt new needs. When the designers of Warszawianka were developing the water and shading solutions, the temperatures rarely rose above 30 degrees Celsius. This is currently not the case. **The summer of 2016 was considered by NASA scientists as the WARMEST SEASON on Northern Hemisphere in the history of meteorological records.** This should be treated not only as a phenomenon but as growing evidence of the ongoing **GLOBAL WARMING.** **New retention / humidifying pools should be created in order to prevent draught.** The western and south-western winds that blow along the side of escarpment will disperse the hot air onto the surface of the pools and push the humid air towards the sport areas. **A high-capacity grey water channeling and retention system should be developed in order to collect the excess of water during spring and autumn rainfall.** This water could later be used for lawn maintenance, sanitary systems, and most of all for watering new green spaces planted throughout the process.

Grey water will also be used for obstacle sports (such as the increasingly popular sport, "boot camp training," and for the creation of artificial "puddles," original Sołtan pools that fill after the rain). Grey water will also be used to create **microclimate zones**, the so-called **frost pockets** (in late autumn and early spring), **wet pockets** (during spring and summer) as well as **mist dispersing pools.**

Water management plays a crucial role in the preservation of the site. Blocked ducts and streams atop the escarpment (parallel to Żurawka and Drna underground rivers) destroy the terraced topography of the site by destabilizing the soil along the retaining walls. The original design established a number of architectural tools, like the „porous” Tomaszewski wall (that works like a chain rather than a hard spatial division) than were coping with the gravity of water instead of blocking them.



rainwater conveyance as spatial graphic



Water and the so-called "water veins" play a vital role in spatial distribution of the lot, especially when it comes to walking and running paths. Main tools of water management are: microclimate pockets, frost pockets, mist dispersers, ditches and ducts. The water circulation system will be made visible thanks to an app-operated tour that will enable visitors to follow the water movement from upper terrace to the lowest level of the site.

Vistula's escarpment became an organizational axis for various activities grouped as:

CULTURE, SPORTS, LEISURE and EDUCATION.

All four are represented on Warszawianka's grounds, yet culture is the main binding element that brings the above elements together. **Warszawianka is an expression of CULTURE** in itself (by being an Avant-garde modernist architecture), which is why we also envision an app-assisted sightseeing loop parallel to the running loops. Its value should be revealed to the public both through commemorating the original design by housing an exhibition at the Fangor Pavilion and also through visualizing the **WAY IT WORKS with the use of MIRADOR. The MIRADOR's function is to exhibit the space of the Warszawianka in its near entirety in a PANORAMIC VIEW that would span across stages of its development to include:** lost elements from its past such as outdoor pools, solariums, sculptural gates and bridges. The MIRADOR's viewpoint would be accessible from the „boulevard” and from the end of the axis (beginning with Puławska street and the District Mayor's Office) that would be connected at the plateau level. Escarpment's paths start by the Królikarnia Palace and museum and lead north to Bielany's campuses by the Academy of Catholic Theology and Academy of Physical Education, passing by Warsaw's most important institutions, such as the Ujazdowski Castle, Jazdów Grounds, Military Museum, National Museum, YMCA Theater, Museum of the Earth, Polish Architectural Association, Chopin's Museum, the campus of the University of Warsaw, Center for Historical Research „Karta”, architectural heritage zones of King's Road, Mariensztad, King's Castle, Old and New Town and Żoliborz, not to mention that the entirety of the escarpment itself is under protection of the law as natural and cultural heritage.

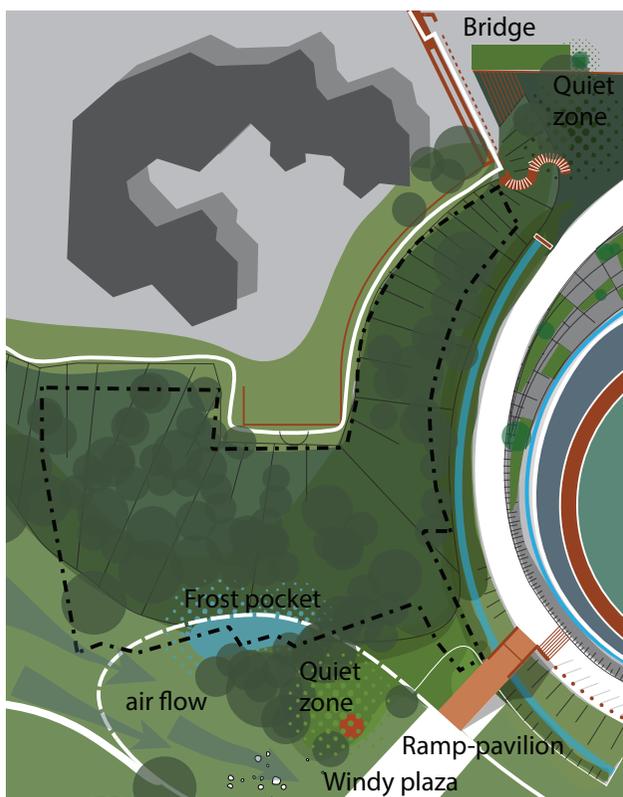


Ecosystem Management (Użytek ekologiczny) unlike Ecological Reserve, functions by overseeing preservation by method of Preservation by Management.

The management should be proceeded by: controlling Ecosystem Management (abolishment of grass burning, maintaining sun exposed slope habitat, etc.), control of invasive species (i.e. *Robinia pseudoacacia* and *Acer negundo*), recanalization and upgrade of rainwater management system plus make it responsive to climate change, bring back the responsiveness of the green walls, by elimination of inflexible concrete joints and exchange them for livable system of stabilizing rooting plants, enhance the drainage of the slopes with drainage gravel stripes, reconnecting the area to the neighborhood and increasing the visibility by cutting down overgrown areas, management plan for the plantings developing in long-term perspective, for example, establishing arboreal walls of various column trees that would develop over time.



Unlawful practices to be prevented



Użytek ekologiczny Cz. Łaszka / Mokotów 0,41 ha



Fauna to be protected



Solidago canadensis

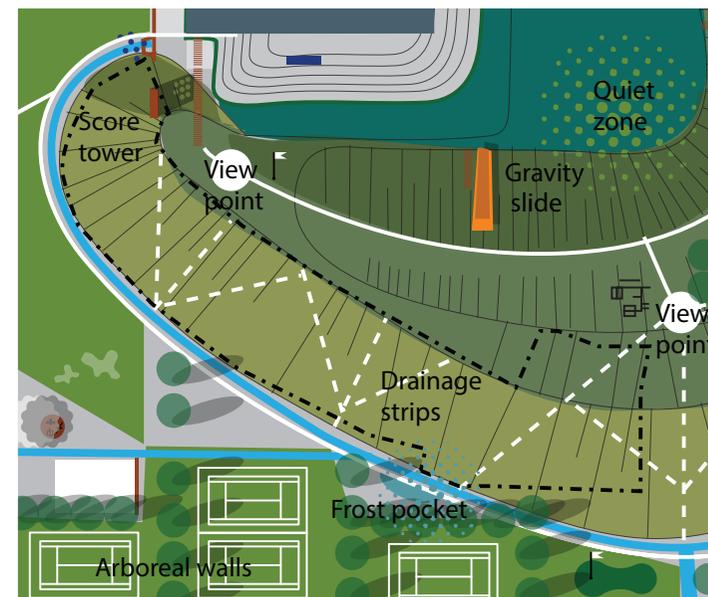


Acer negundo



Robinia pseudoacacia

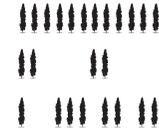
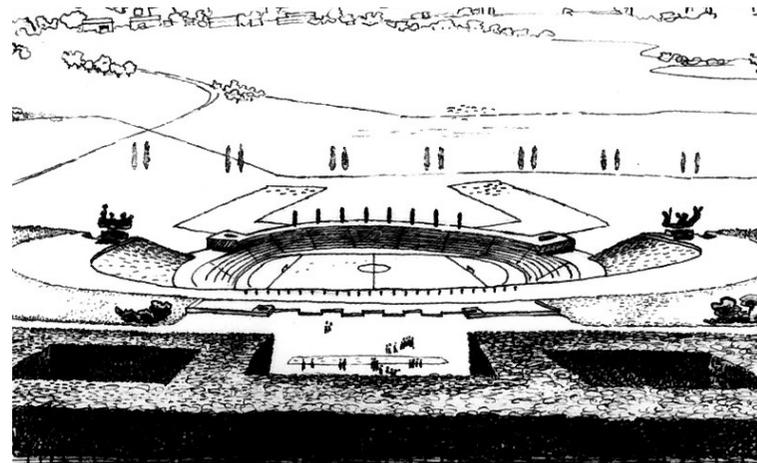
Invasive species of flora to be managed



Użytek ekologiczny Kusocińskiego / Mokotów 0,59 ha

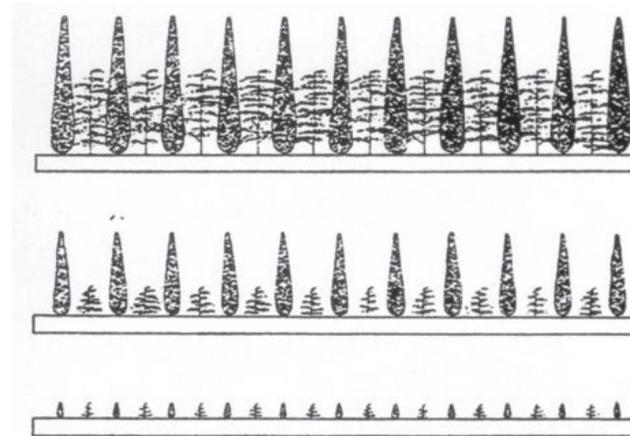
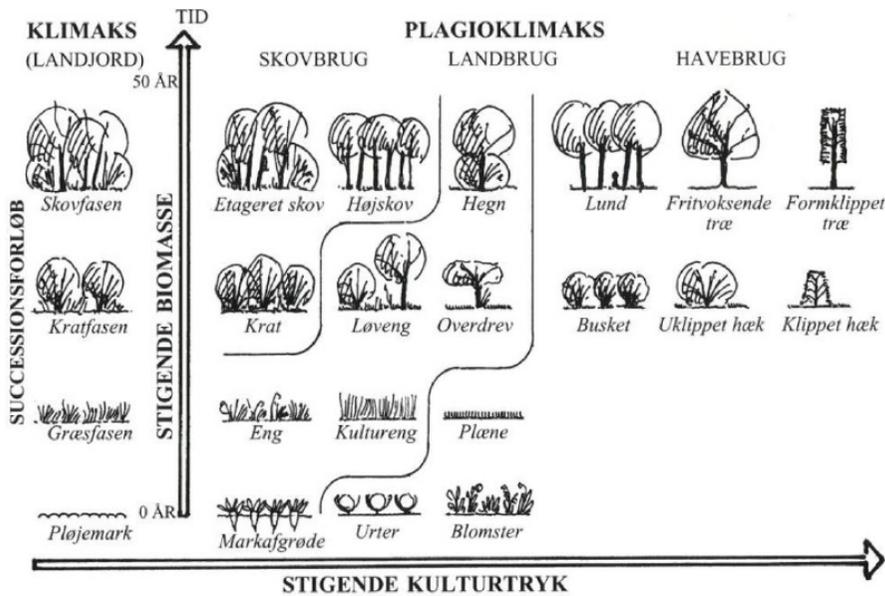
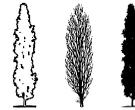
PRESERVATION BY MANAGEMENT

In order to constitute the object a LIVING MONUMENT, the involvement of MANAGEMENT is necessary in the preservation process. We call this PRESERVATION BY MANAGEMENT. Just as instruments need to be played regularly to preserve their original sound from diminishing, Warszawianka mechanism has to be widely used in order to prevent it from decay. To achieve cohesion, the idea has to be executed by a single operator coordinating permanent and periodic activities run by variety of entities such as sport clubs, citizen groups and NGOs. The operator allows and plans activities according to the long term preservation strategy for both architecture and landscape and is able to reflect on any dynamic shifts of circumstances.

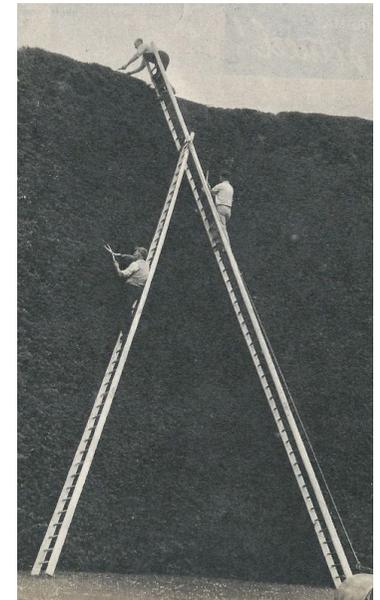


MANAGEMENT ROUTINES

- clear cutting tidying up
- thinning seeding
- pruning weeding
- mowing watering



Rem Koolhaas, Parc de la Villette, Paris competition 1982



With expanded program variety Warszawianka can support hundreds of use cases and user backgrounds. Outline below presents the possible spectrum of users, with first two representing early stage user profiles.



Karolina Leniarska

- 26 years old, single;
- Anthropology graduate;
- Office work at Służewiec;
- Lives close to Puławska street, from where she rides bike to work;
- Three visits per week.

Karolina likes to stay healthy, thus started running during her studies, as she began to spend more time working on her computer. Few years into regular running in Warsaw, she tried obstacle running, which she found refreshing. She participated few times in the events such as Runmageddon, or Color Run.

Build awareness: digital news source
 Research: pre-training visit with a friend during a weekend
 Visit: Comes straight from work on a bike, parks it; rents a locker and gets to obstacle running track starting point. Finishes her personal best, spectates the visual effect in space. Changes clothes, eats a healthy post-training meal at the cafe. Leaves with breakfast ingredients.
 Post-visit: shares her result, returns, tracks events



Mateusz Tomczyk

- 42 years old, married;
- Two kids (9 and 7 years old);
- Runs a local real estate company;
- Heavy car use at work;
- One visit per week.

Ursynów native, drives his kids to Warszawianka for a swimming class once a week. While waiting, he finds out about a possibility to have a picnic at Warszawianka. Having few spare minutes, visits the website on his smartphone and is convinced to go for it. Is allowed to pay via smartphone, receives e-mail confirmation.

Build awareness: poster at the swimming pool
 Research: visit website to see the offer, informs wife
 Visit: weekend visit with the parents of two 9 year olds. Arrive nearby swimming pool, park cars, collect picnic ingredients from the cafe, head to the picnic site, located nearby pumtrack, where they also ride bikes. After the picnic, visit to the playscape, buy ice-cream.
 Post-visit: prints and frames one of the picture taken.



Janina Krawiec

- 72 years old, married;
- Retired biology teacher;
- Living near pl. Unii Lubelskiej;
- Three visits per year.

Janina remembers the time, when Warszawianka was built. She spent a lot of time there during her adulthood, also taking there her kids. Now, hearing about the revival, she is interested and willing to come and see the premises and the new activities, which she had not encountered earlier.

Build awareness: local tv news
 Research: based on local tv content about the event
 Visit: arrives by tram with her husband, uses elevator instead of steps, participates in the event. After event is over, walks around and sits on benches to observe.
 Post-visit: discusses the visit with her children and few friends, returns for a weekend walk.



Tomek Szulc

- 18 years old, skateboarder;
- High school graduate;
- Living in Katowice;
- One visit per year.

Tomek is starting his holiday with a bus trip to Warsaw, where he can find a few prominent skateboarding spots, which provide opportunity to gather a noticeable video footage, necessary for a clip he is planning to publish online. He has seen a few tricks done at the Warszawianka skate + park by other skaters. Arrives with a camera operator and two other friends.

Build awareness: online video
 Research: find public transit from bus station via Jakdojade
 Visit: arrives, checks-in on his mobile via instagram, skates for few hours, drinks a lot of water from the free source, stays for a rest with friends, eats and spends time at the playscape.
 Post-visit: shares his sponsor-me video online, returns next summer.

Ready to host people of all ages and abilities, Warszawianka introduces a healthy mixture of leisure, recreation and sports activities. They attract multiple demographics and allow disconnected, single-purpose spaces creating hermetic tribes of users (eg. football and tennis players) to be tied together by living, multiuse space.

Spring - Autumn

Space	Function name	Main user group	Activity type
Multiple locations	Running tracks	Men/Women 21-45	Recreation
	Obstacle running track	Men/Women 21-35	Sport
	Discgolf	Families	Recreation
	Picnic spaces w. ovens / grills	Families / young adults	Leisure
	Senior gym path	Men / Women 55+	Recreation
	Socialised seating areas	Men / Women 70+	Recreation
	Warszawianka explorer path	Tourists	Leisure
	Difficult urban sport obstacles	Urban sport pros	Sport
	Tennis courts & training sites	Men / Women 21+	Recreation
Chess / card game tables	Men 60+	Recreation	
Playscape	Parkour, freerunning track	Men / Women 7-40	Recreation
	Ping-pong (multiple tables)	Men / Women 7-65	Recreation
	Slackline	Youth / Young adults	Recreation
	Sculptural rain puddles	Kids 4-8, Sport pros	Recreation
	Bouldering	Men / Women 7-35	Recreation
	Climbing	Men / Women 15-3	Recreation
	Dancefloor	Men / Women 55+	Recreation
Stadium	Skate+park	Youth	Recreation
	Pumptrack and snakerun	Youth / Families	Recreation
	Running track	Young adults	Sport
	Reconfigurable playing fields	Young adults	Multiple
	Slides & Rolling down	Kids 4-12	Recreation
	Running tracks	Kids 4-12	Recreation
Pocket spaces	Badminton	Families	Recreation
	Mini playgrounds	Families	Leisure
	Yoga / Tai - Chi	Women 20+	Recreation
	Street workout	Young adults (men)	Sport
	Volleyball	Youth / young adults	Recreation
Close by	Dirt-biking track (skwer małkowskich)	Men 18-35	Sport

Winter

Space	Function name	Main user group	Activity type
Multiple	Running tracks	Men/Women 21-45	Sport
	Tennis	Men / Women 21+	Sport
	Ice skating tracks	Families	Recreation
	Sleding	Families	Leisure
	Picnic spaces with ovens	Families	Leisure

Indoor (everyday availability)

Space	Function name	Main user group	Activity type
Existing	Swimming	Men / Woman 7-50	Recreation
Existing	Tennis	Men / Women 21+	Recreation
Existing	Fitness	Men / Women 18+	Recreation
Existing	Paintball	Men 18-35	Recreation
Existing	Climbing	Men / Women 15-35	Recreation
Existing	Sauna	Men 40+	Recreation
Existing	Shooting gallery	Men 40+	Recreation
New	Fencing	Men / Women 15-35	Sport
New	Intelligent training fields	Men / Women 15-35	Sport
New	Trampoline park	Men / Women 8-21	Recreation
New	Performance clinic	Men / Women 21-35	Recreation

Supporting infrastructure

Exhibition space	Sanitary facilities	Partner storage spaces
Cafes & restaurants	Locker rooms	Equipment rental
Water fountains	Laundry service	Equipment workshop
Universal access lift		