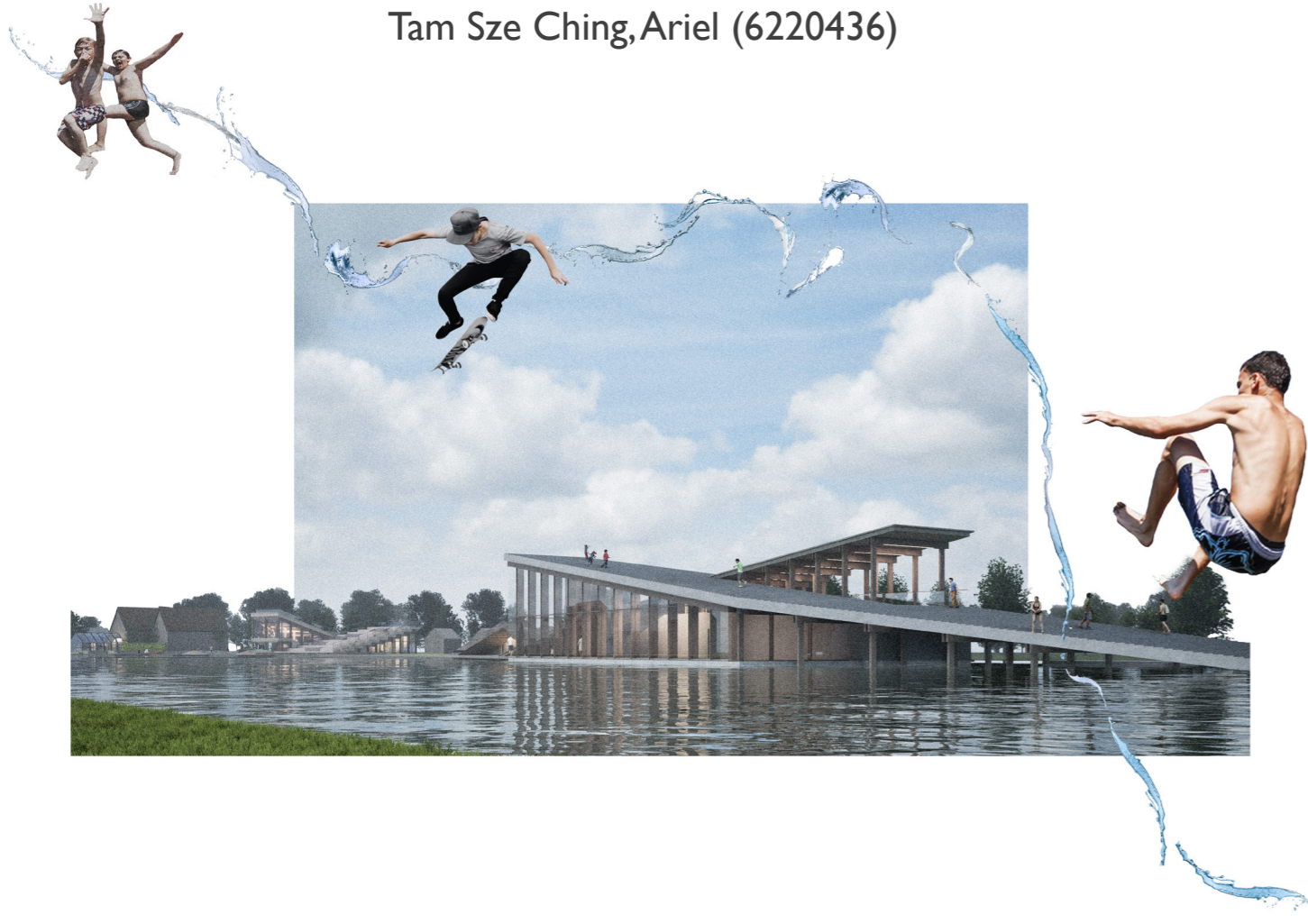


WHERE WATER CONNECTS

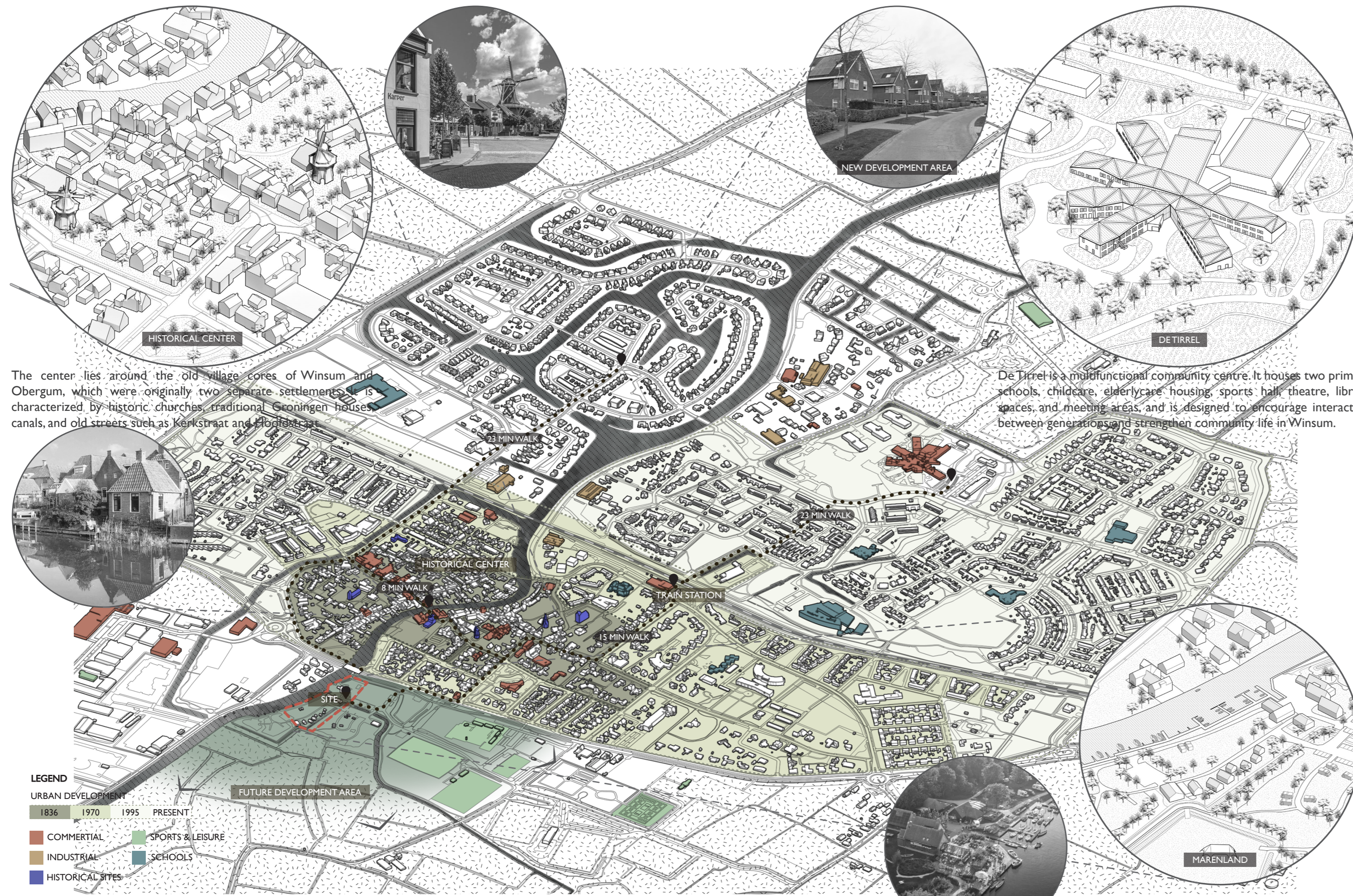
Architecture as a Catalyst for Year-Round Activation
 Tam Sze Ching, Ariel (6220436)



The Studio positions itself within the framework of Nij Begun—a 30-year plan recently implemented by the Dutch Government to build a better future for the regions of Groningen and North Drenthe. Nij Begun targets areas that have been affected for decades by practices of gas extraction and, as a consequence, also by several earthquakes, causing serious damage to buildings as well as economic and mental damage to its inhabitants. This project investigates how architecture can contribute to the regeneration of economically and socially marginalised areas by strengthening cultural identity, fostering a sense of belonging, and simultaneously generating economic vitality. It explores how sustainable tourism—one that celebrates nature, ecology, and multispecies coexistence—can trigger positive models of economic development and social cohesion.

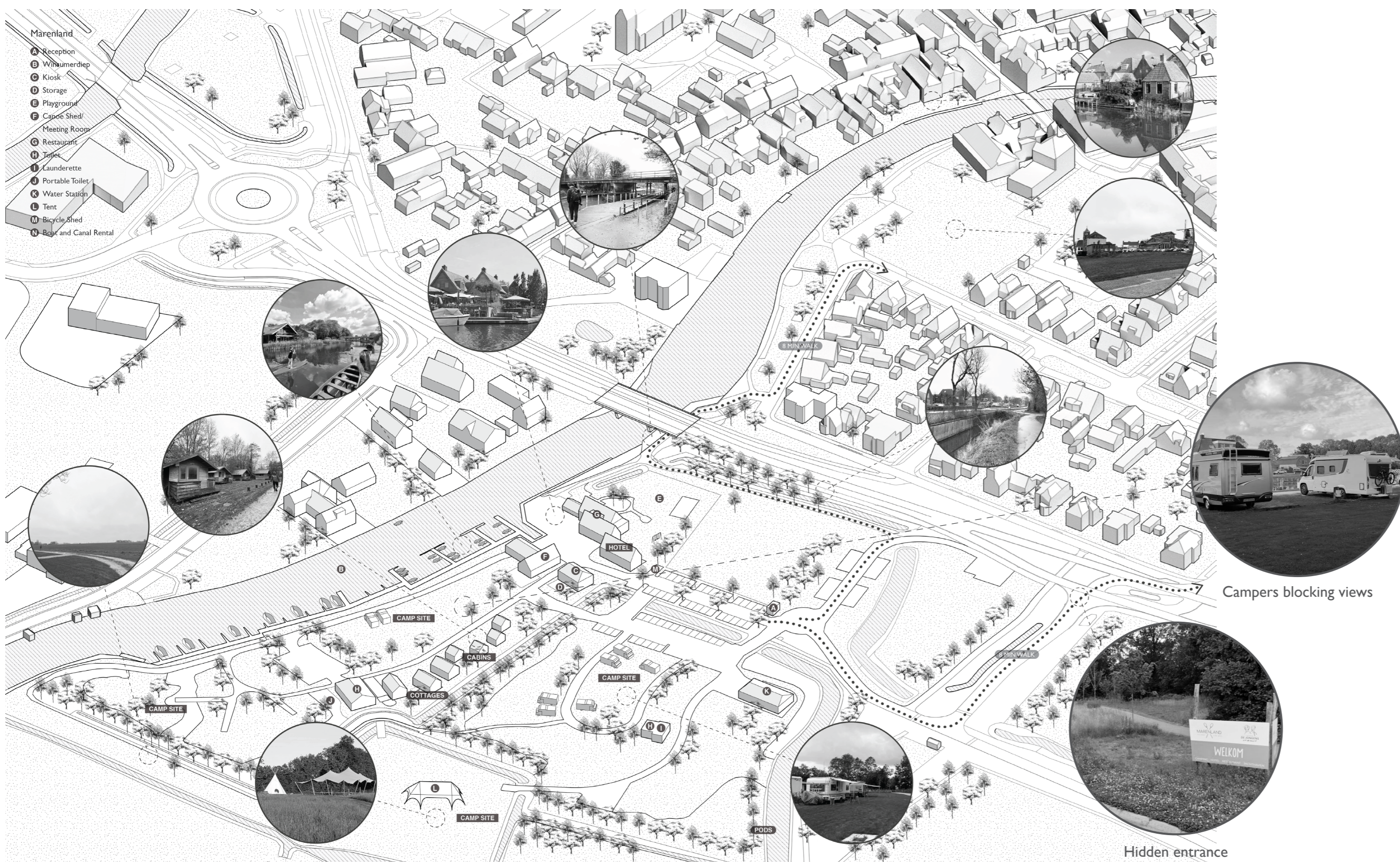


SITE: WINSUM

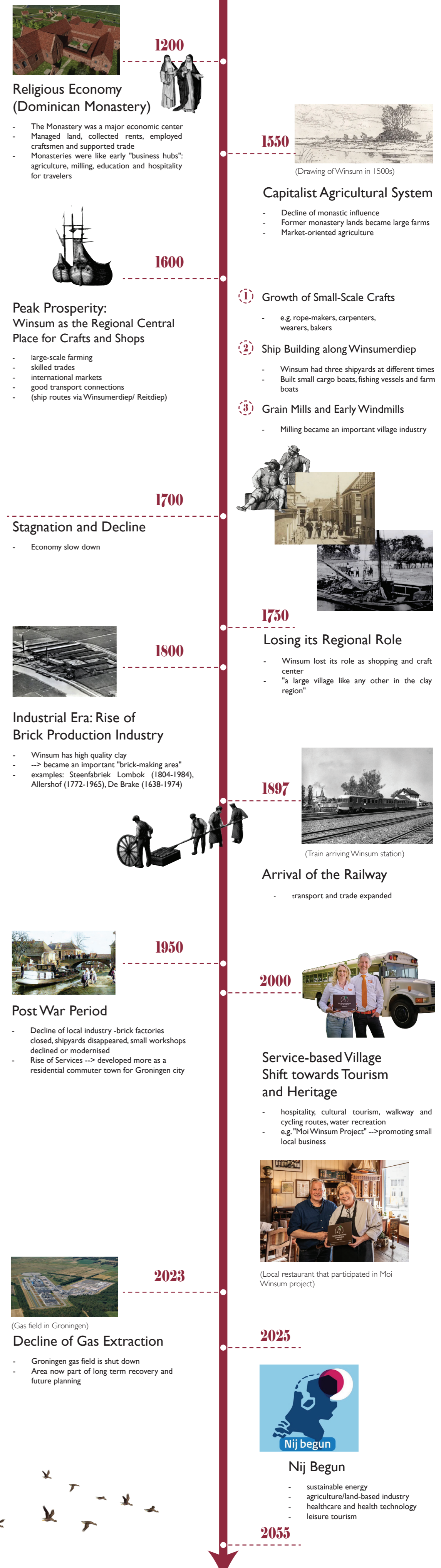


SITE: MARENLAND

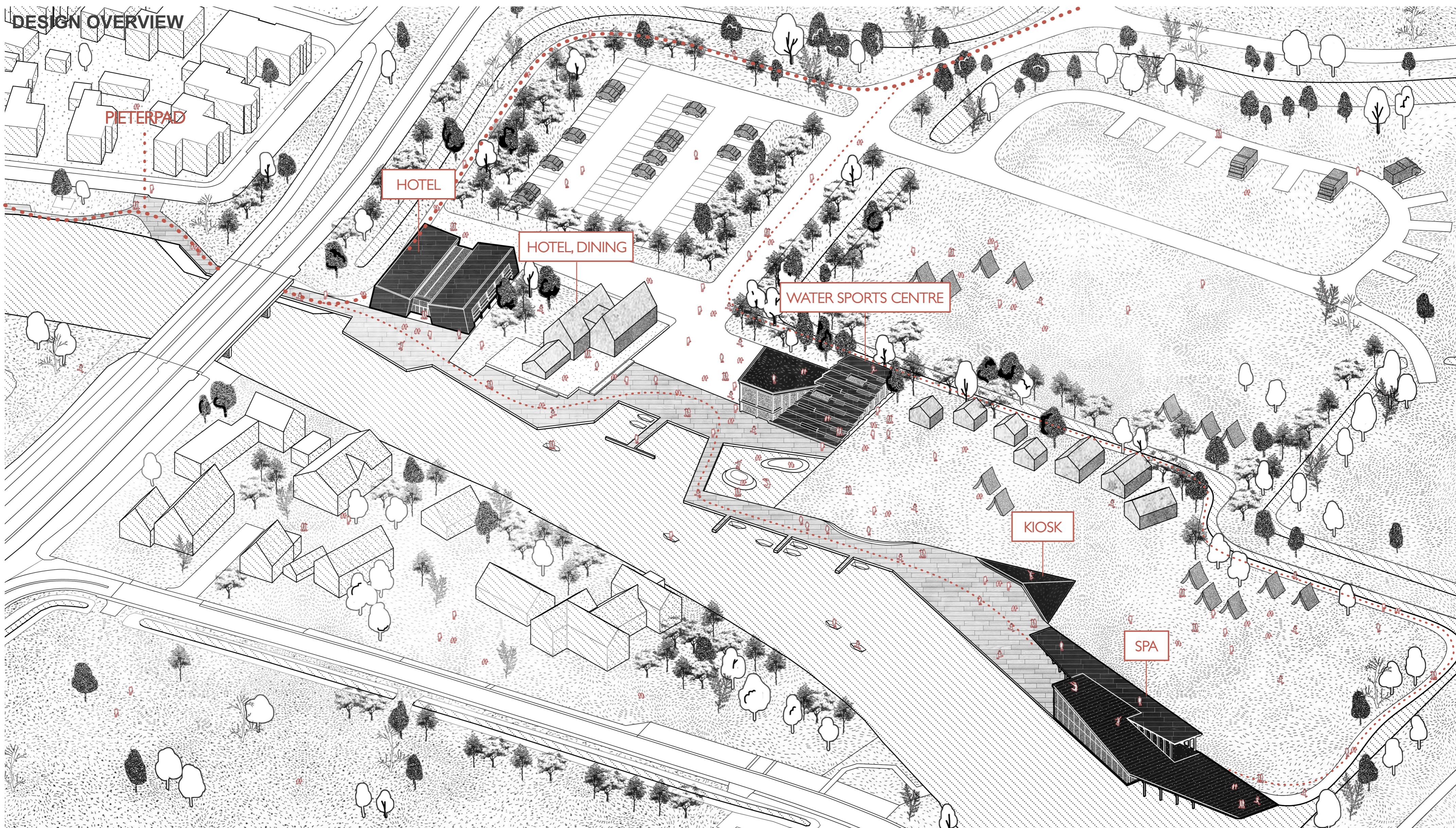
Marenland is a popular camping site in summertime. But its attractiveness disappears in the winter. It also only functions in the warmer half of the year. The site has minimal infrastructure and is isolated from the village. But it has good connection to public transports and the Pieterpad.



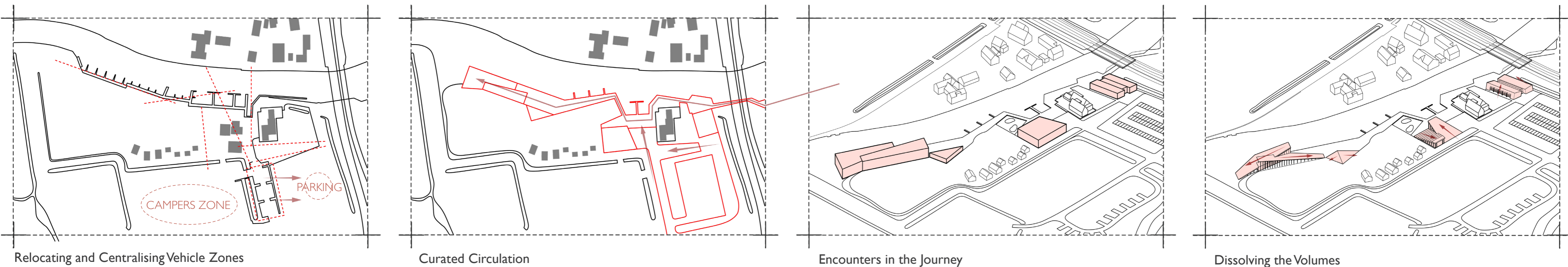
WINSUM HISTORY



DESIGN OVERVIEW



DESIGN STRATEGIES



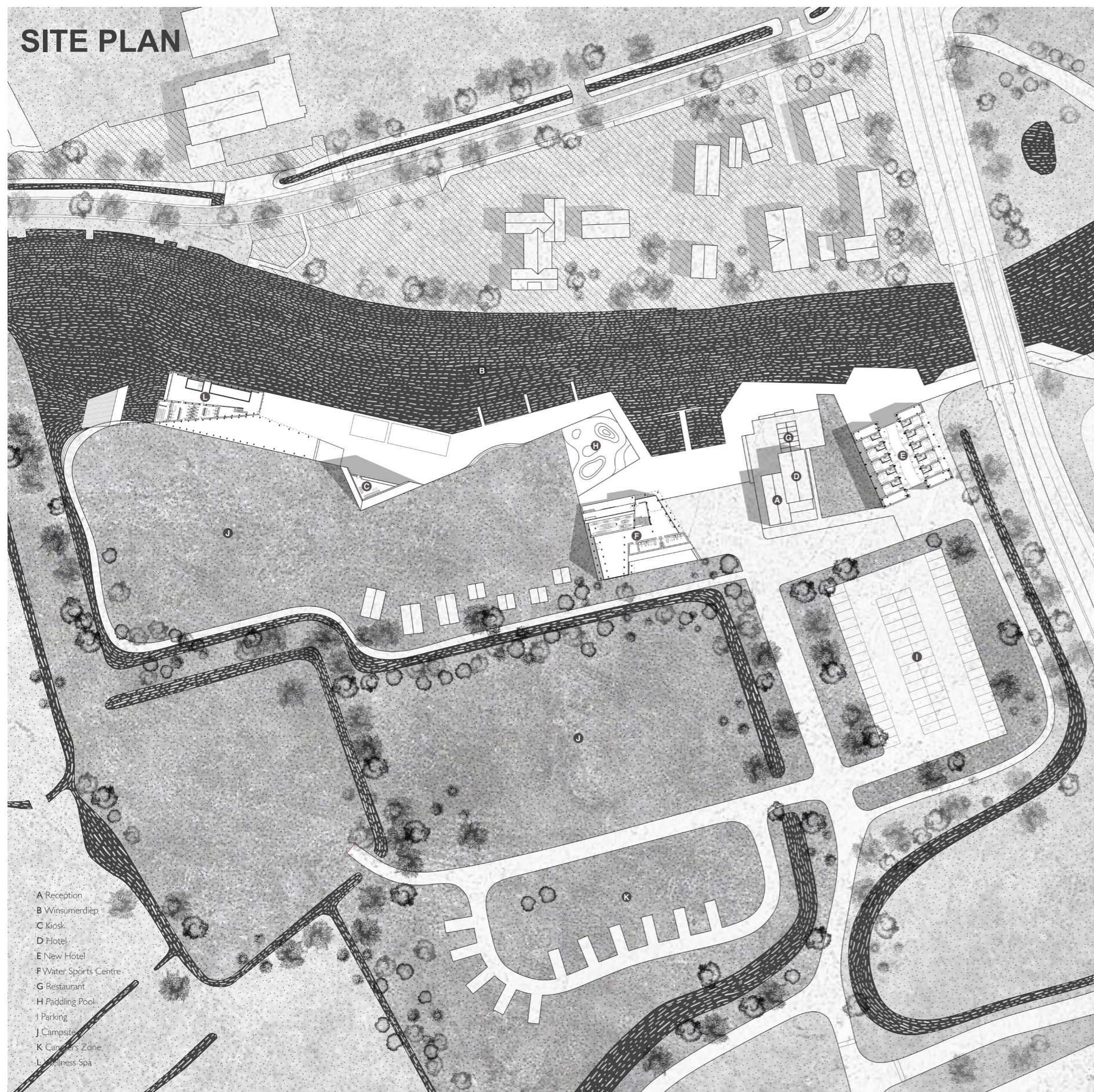
Relocating and Centralising Vehicle Zones

Curated Circulation

Encounters in the Journey

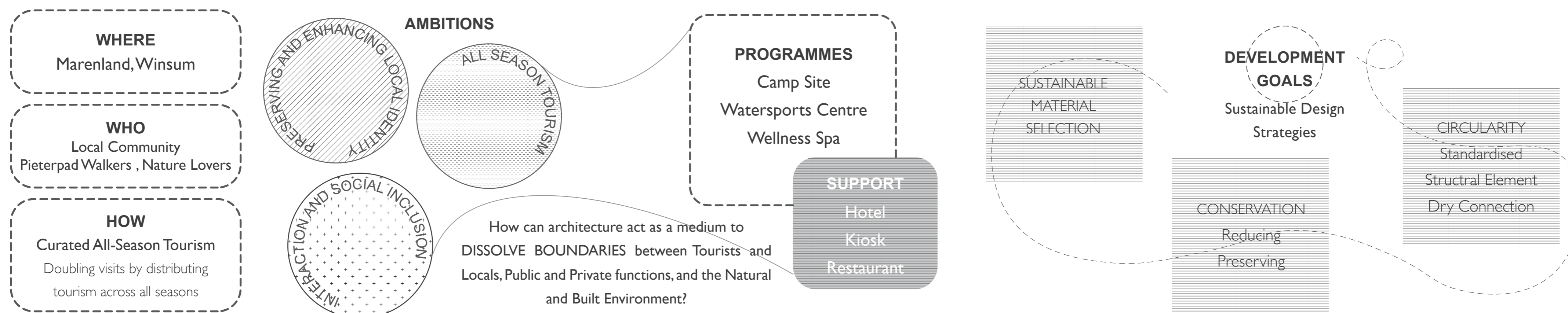
Dissolving the Volumes

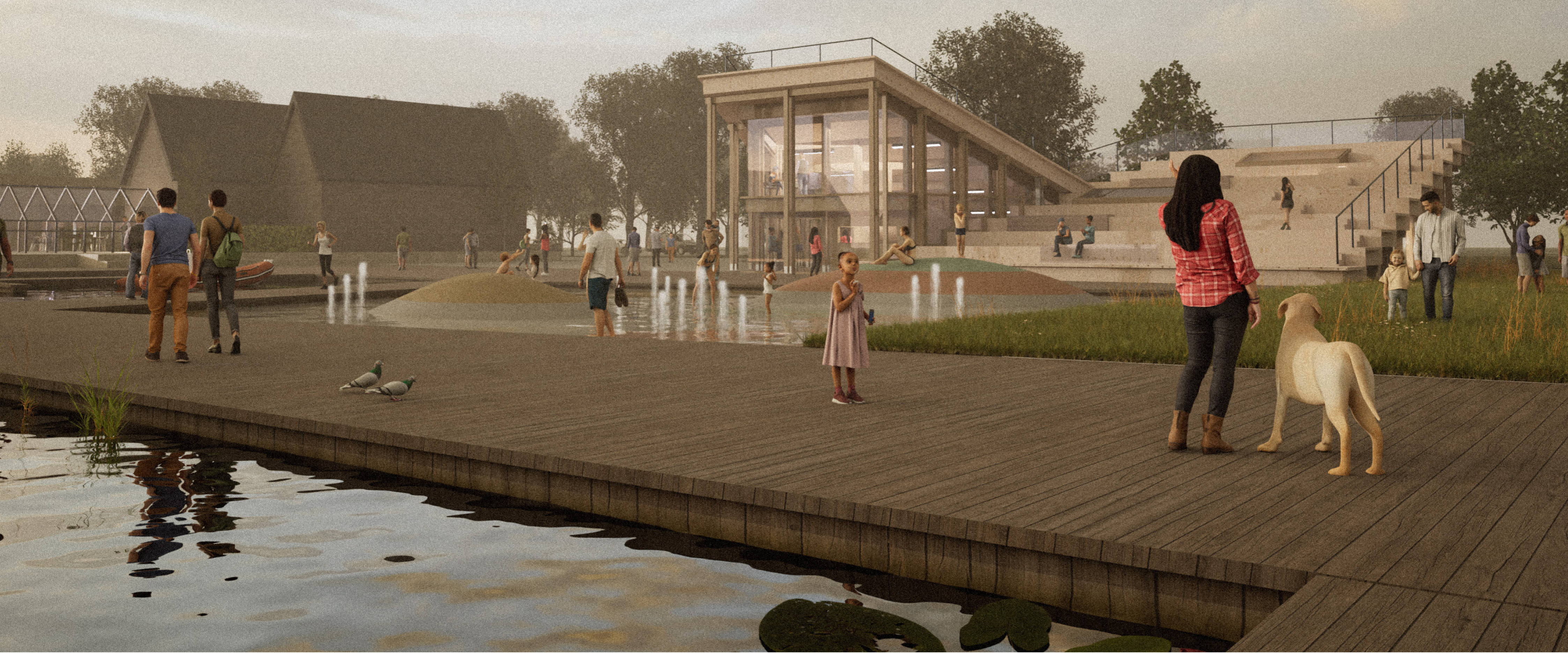
SITE PLAN



USER ANALYSIS

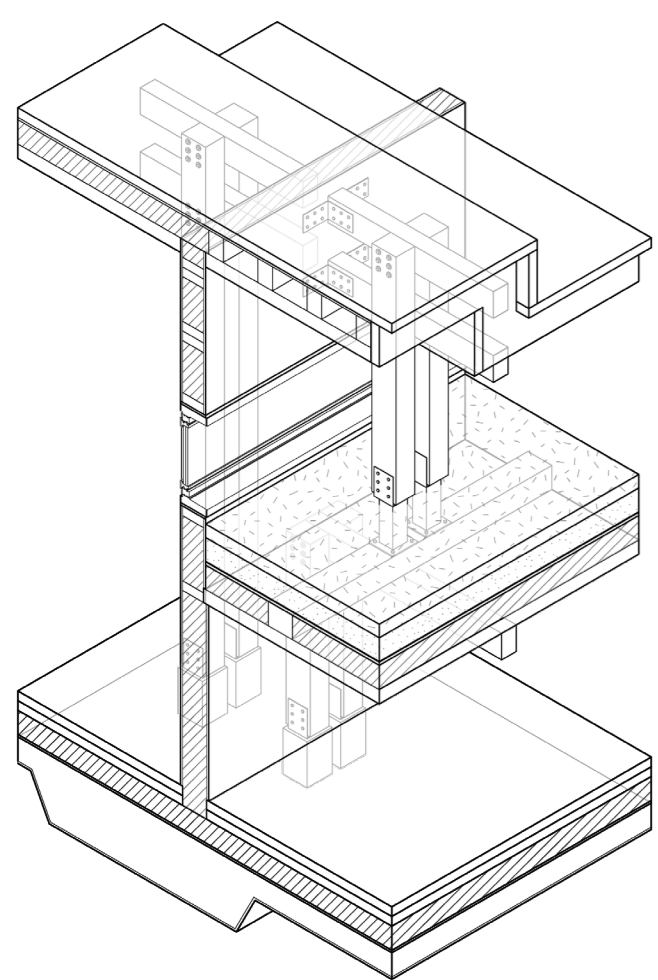
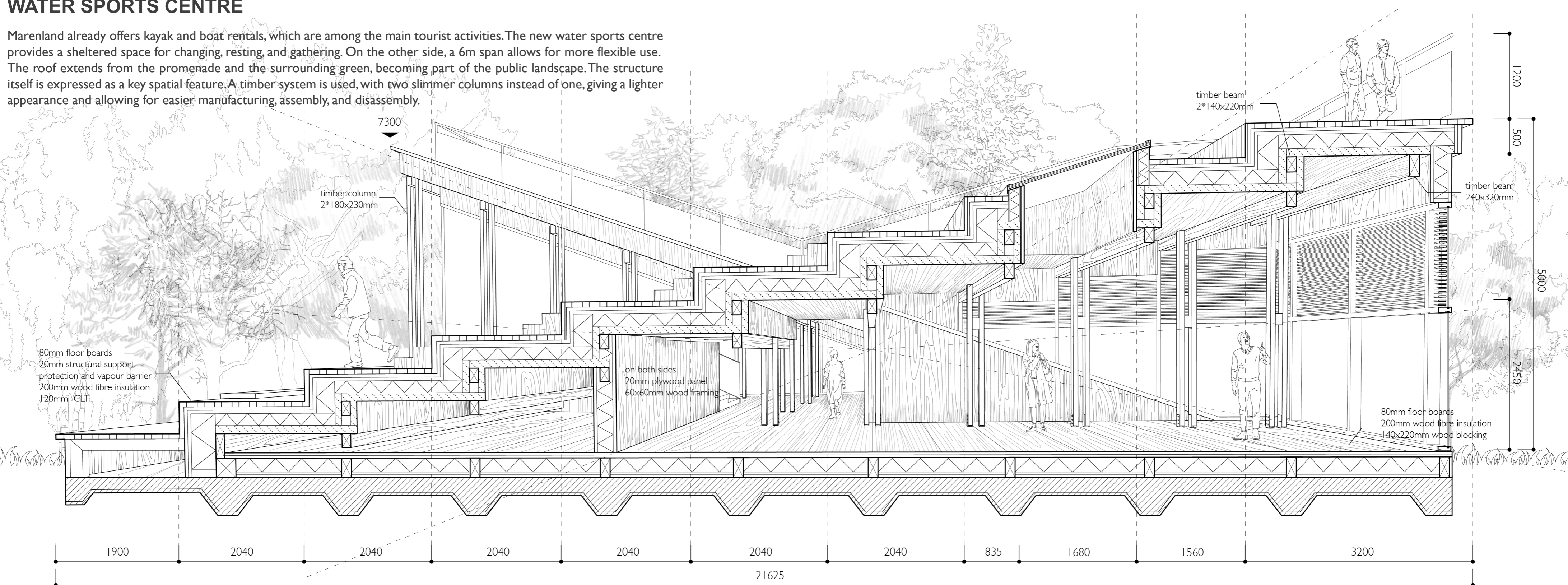
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
CAMPERS outdoor enthusiasts & campervan travelers												
HIKERS/ CYCLISTS active outdoor enthusiasts												
FAMILIES parents with children												
FRIEND GROUPS social & fun getaways												
URBAN PROFESSIONALS remote workers & city escapers												
COUPLES romantic getaways												
WELLNESS TRAVELERS wellness & relaxation seekers												
LOCALS people from all age groups												
	WINTER cozy, quiet, wellness focused			SPRING nature awakening, active & fresh			SUMMER lively, social, family & group season			AUTUMN cozy, colorful, relaxed		WINTER cozy, quiet, wellness focused



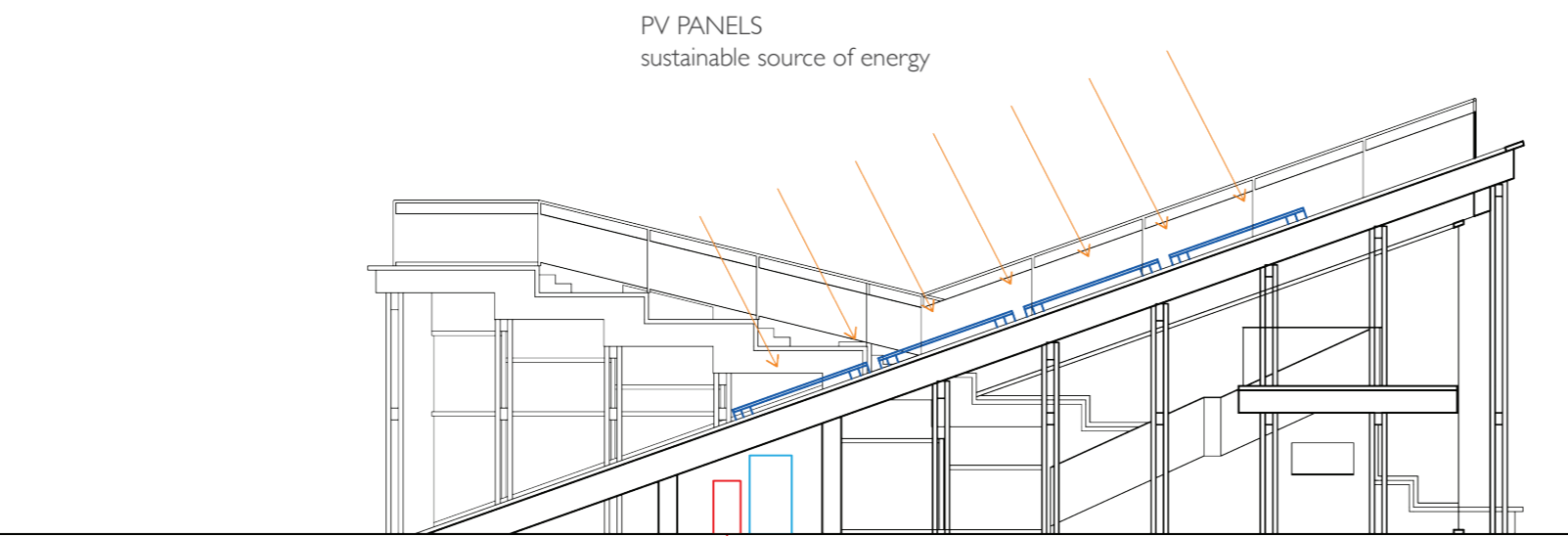


WATER SPORTS CENTRE

Marenland already offers kayak and boat rentals, which are among the main tourist activities. The new water sports centre provides a sheltered space for changing, resting, and gathering. On the other side, a 6m span allows for more flexible use. The roof extends from the promenade and the surrounding green, becoming part of the public landscape. The structure itself is expressed as a key spatial feature. A timber system is used, with two slimmer columns instead of one, giving a lighter appearance and allowing for easier manufacturing, assembly, and disassembly.

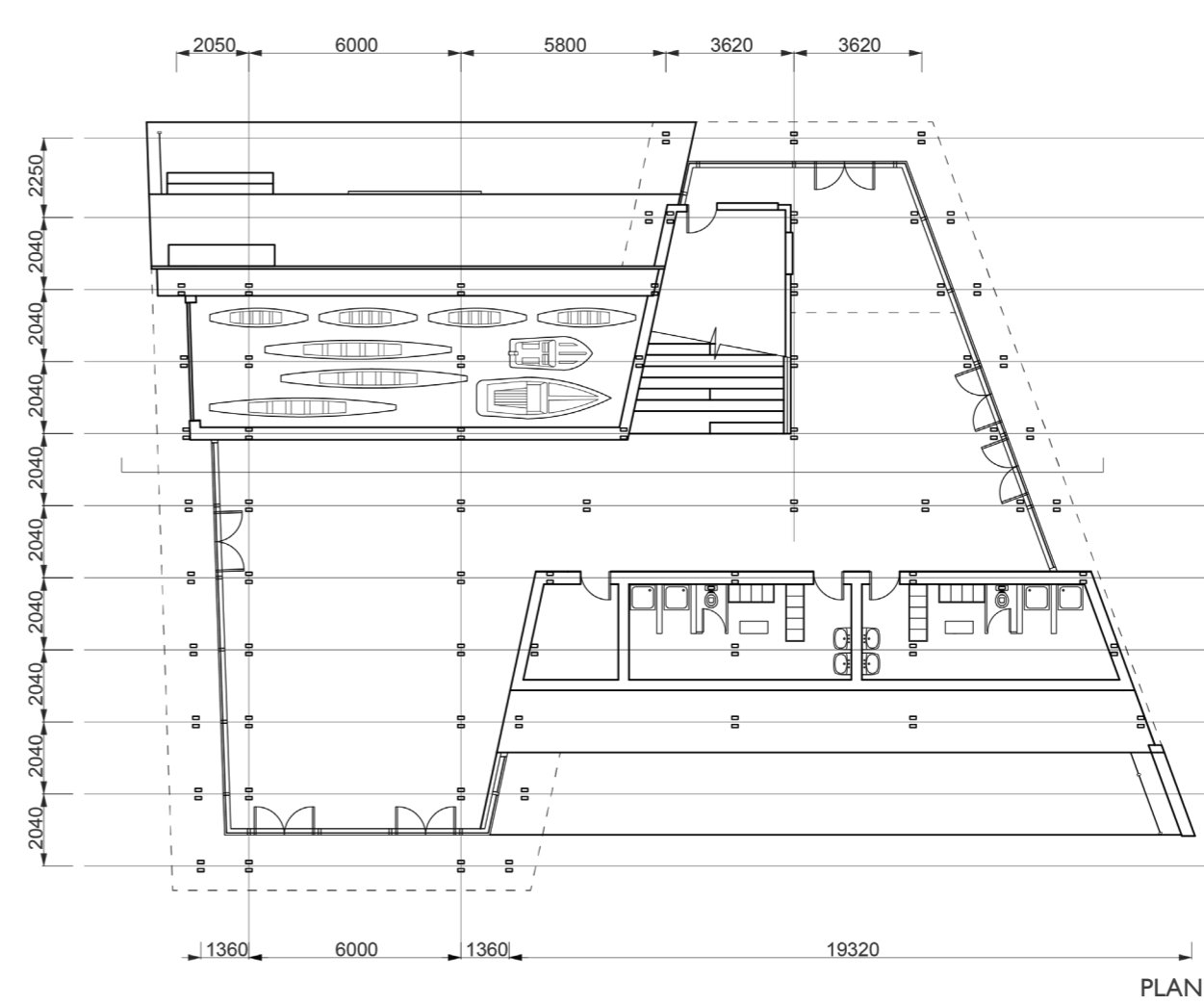


CONSTRUCTION DIAGRAM

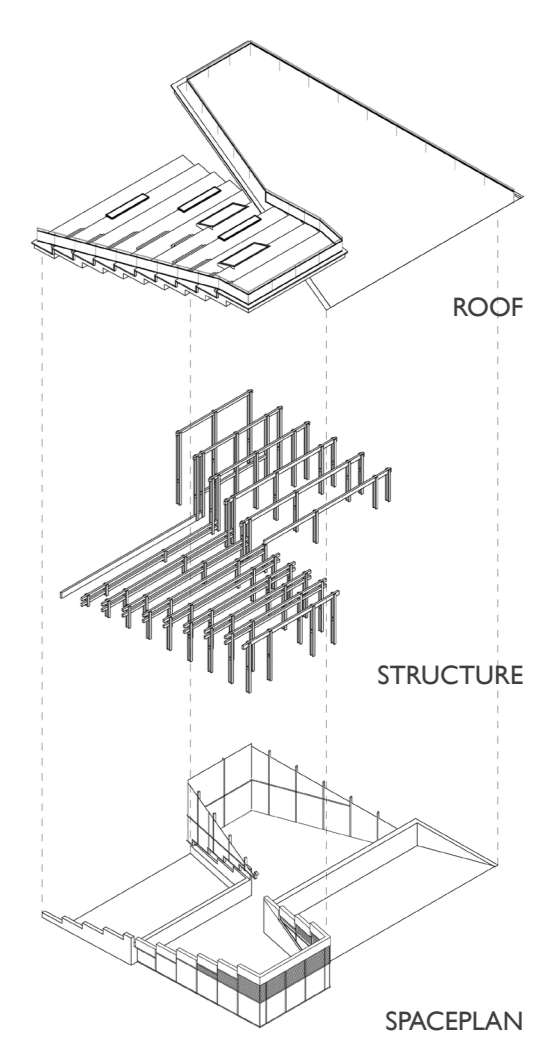


ENERGY SOLUTION

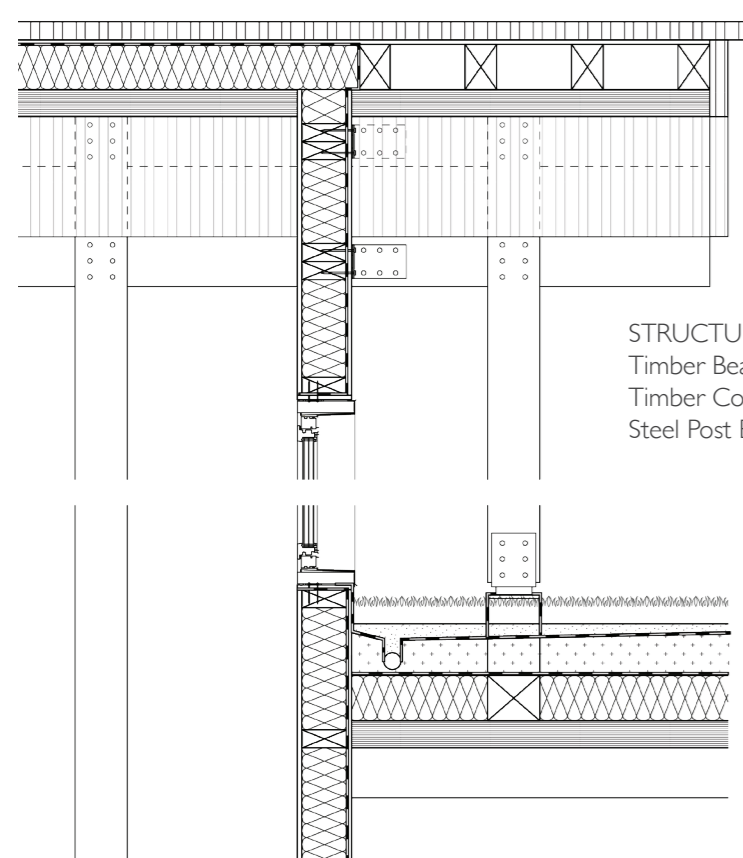
GROUND SOURCE HEAT PUMP
take advantage of the constant temperature of shallow earth (40°-70°F/4.5°-21°C) to efficiently exchange temperatures, heating homes in the winter and cooling homes in the summer.



PLAN

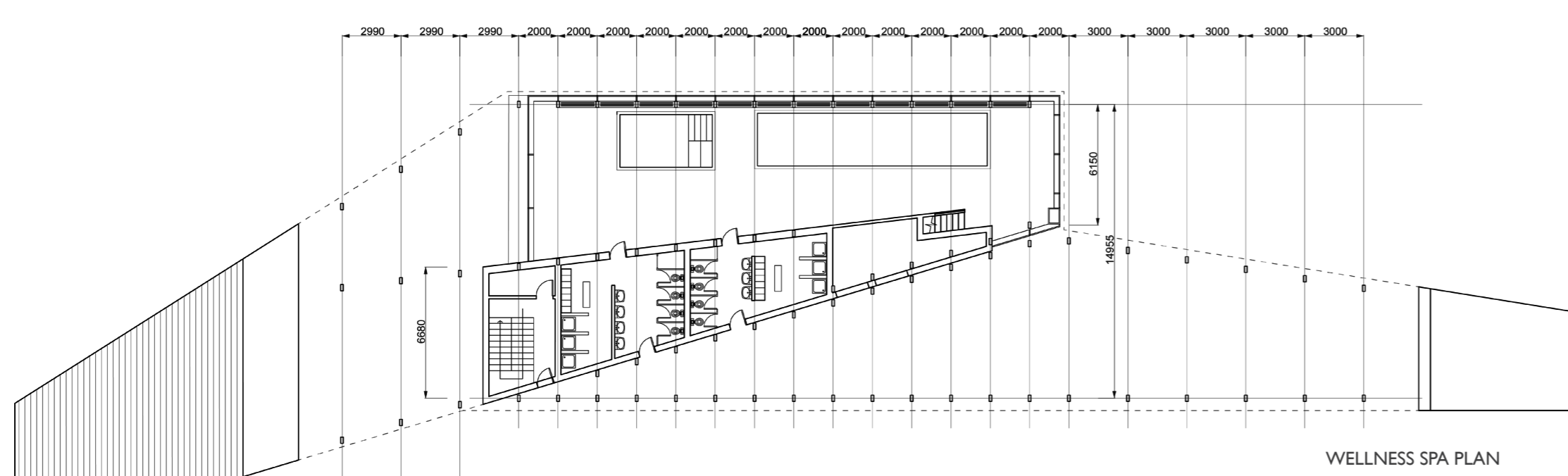


SPACEPLAN



WELLNESS SPA

The wellness spa is the final stop of the journey. It serves as a key attraction to extend camping activity into the winter season. Upon arrival, visitors can choose between ascending to the roof or moving through a more enclosed corridor leading to the changing rooms and, ultimately, the indoor pool. During the summer months, selected pools are shared with general users for swimming, allowing the building to operate across seasons. The spatial qualities of the spa and the potential programming of the rooftop still have to be further explored. Structurally, the building adopts a timber system. Unlike the water sports center, it utilises two beams instead of two columns, creating a series of portal frames that establish a rhythmic and spatially expressive interior.

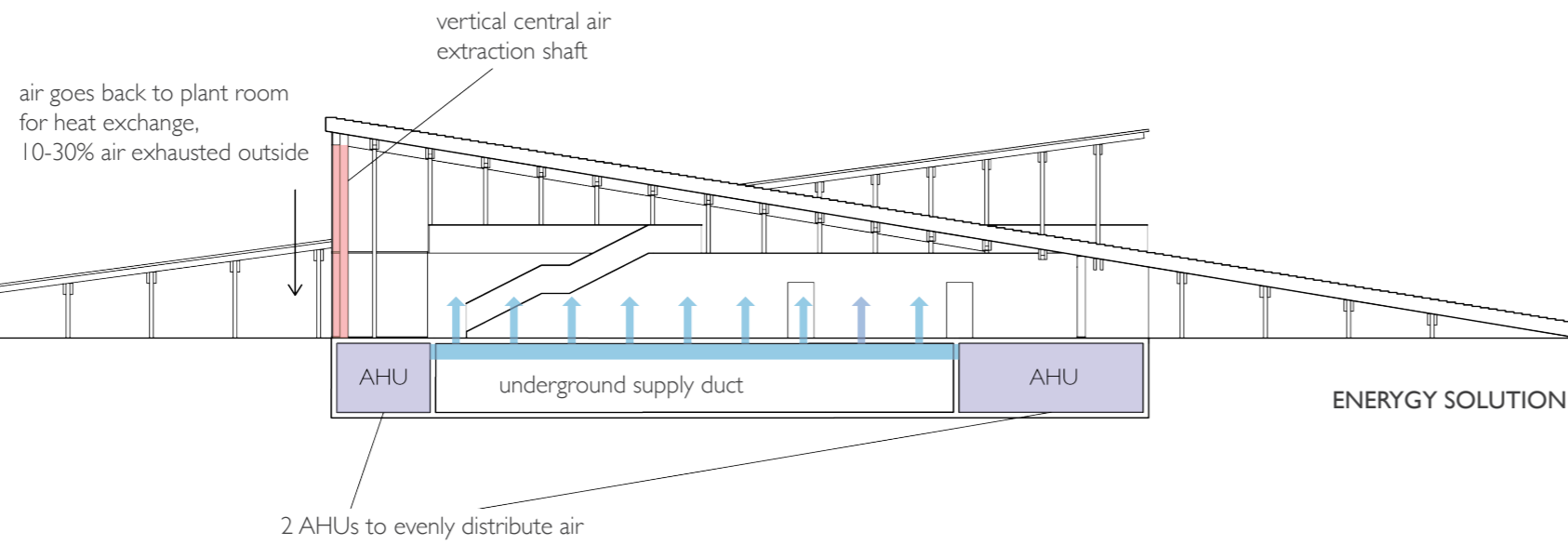
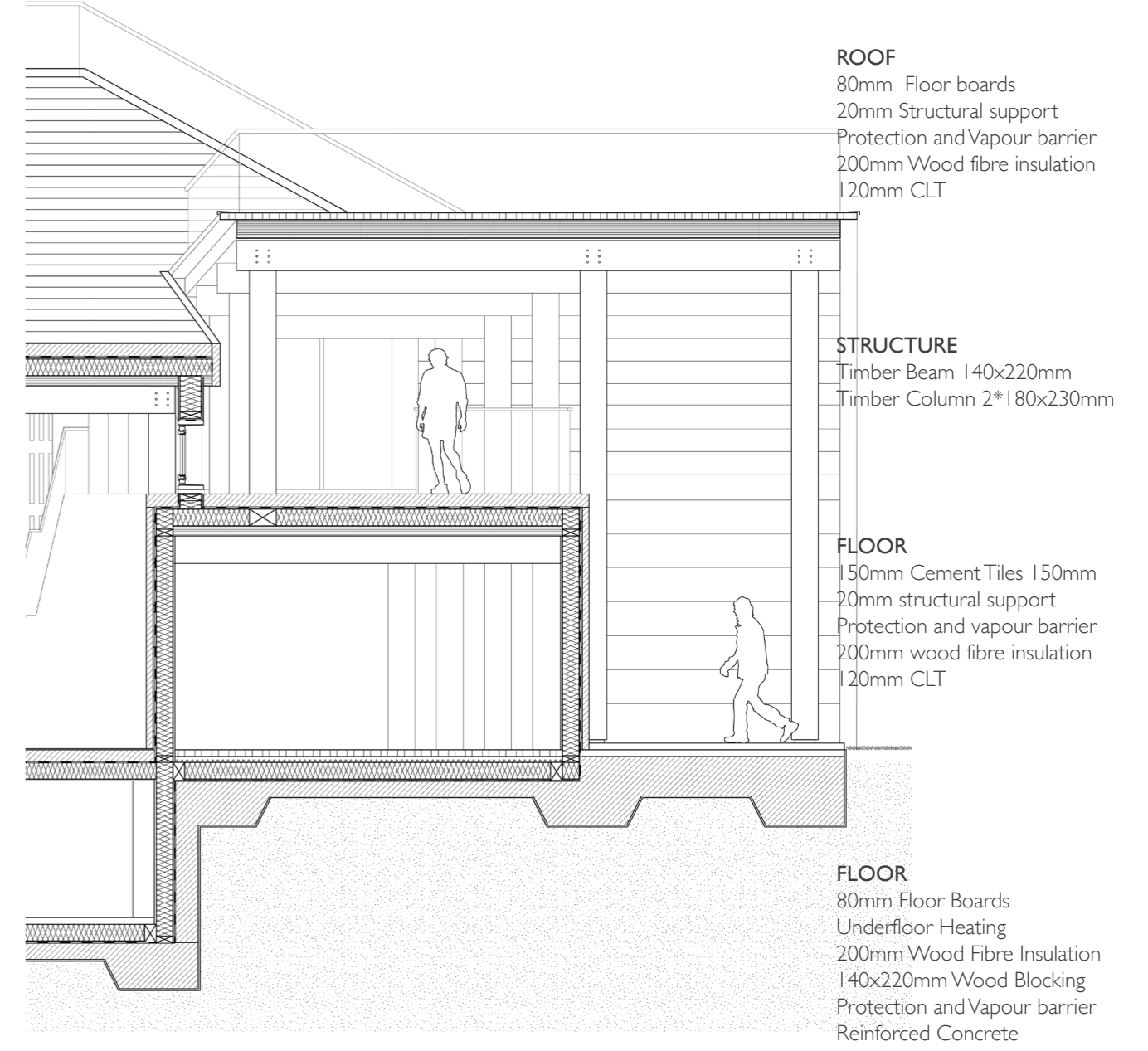


ROOF
80mm Floor boards
20mm Structural support
Protection and Vapour barrier
200mm Wood fibre insulation
120mm CLT

WALL
20mm Plywood Panel
150mm Wood fibre insulation
60x150mm Wood Blocking
20mm Plywood Panel

FLOOR
20mm Tiles
150mm Reinforced Concrete
Water Proof Membrane
200mm Wood fibre insulation
20mm Plywood Panel

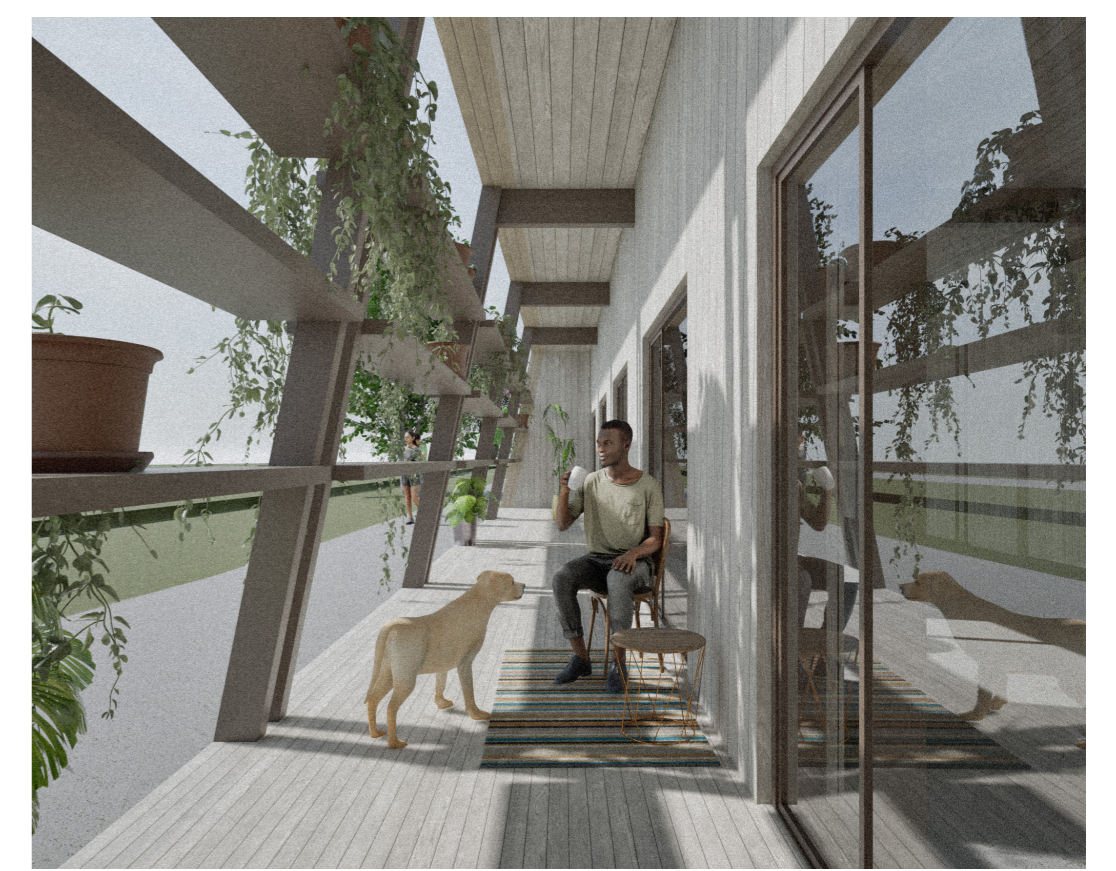
FOUNDATION
250mm Reinforced Concrete
Retaining Wall
Water Proof Membrane
150mm Wood fibre insulation
60x150mm Wood Blocking
20mm Plywood Panel



HOTEL EXTERIOR



HOTEL PASSAGE



PRIVATE GREEN SPACE

HOTEL

The hotel acts as a support to the existing Marenland accommodation service, to provide more indoor rooms for people who prefer a more curated and cosy experience. The structural system is similar to that of the Water Sports Centre, which is a timber construction. It features a symmetrical form with a glass corridor with a series of portal frames that connect visitors to the back of the site.

