



1. Mobility

Safe pedestrian and cycling access is prioritized with car-free areas. A continuous path along the riverbank connects to the existing cycle and pedestrian network. Mobility hubs provide bus stops, bike/ car sharing, parking houses and a potential future rail station. Car traffic is controlled primarily east-west and along Mekanvägen. Local streets are designed for slow traffic, dedicated to services and resident parking access.

2. Solutions for Hazardous Soil Areas

Geotechnical layering using local clay, membranes, drainage, and clean material for safe use. Paved zones provide a cap in public spaces with careful species selection and rain garden design. Elevated beds and ground formations are used for public and private gardens with raised public awareness. Concrete plinths are used under some of the blocks with fully built-up ground floors, internal parking, activated peripheral uses, and housing with semi-private courtyard gardens above.

3. Building typologies

The proposed typologies are responsive to nature, views, light/shadows, adjacencies, and context. River houses open towards the water. Multifamily wetland houses refer to the organic historical condition. Blocks with inner courtyard gardens create an intimate permeable central fabric. Rowhouses with individual gardens mark entrances to safe zones, while small multi-family and clusters of forest houses facilitate a smooth transition from smaller to larger scales.

4. Program overview

Social programs are distributed near local plazas along the Safe-street and River. Sports and recreation facilities are placed along the waterfront. Commercial areas thrive around the main square and extend along the axis linking the site the Town. Additional commercial spaces are distributed on the ground floors along other axes and around blocks with plinths.

5. Green, Blue, and White Infrastructure

The forest extends to the riverfront. Natural buffers create zones for recreation and habitat. Stormwater is treated on site using rain gardens and wetlands before being reintroduced into the hydrologic cycle, alongside snow detention, melt, filtration, and drainage systems.

6. Waterfront

Despite being exempt from the typical 100m riverfront setback regulation, it is believed this buffer should be treated with reverence. The site's greatest asset is dedicated primarily to public space, recreational facilities, and habitat restoration.

