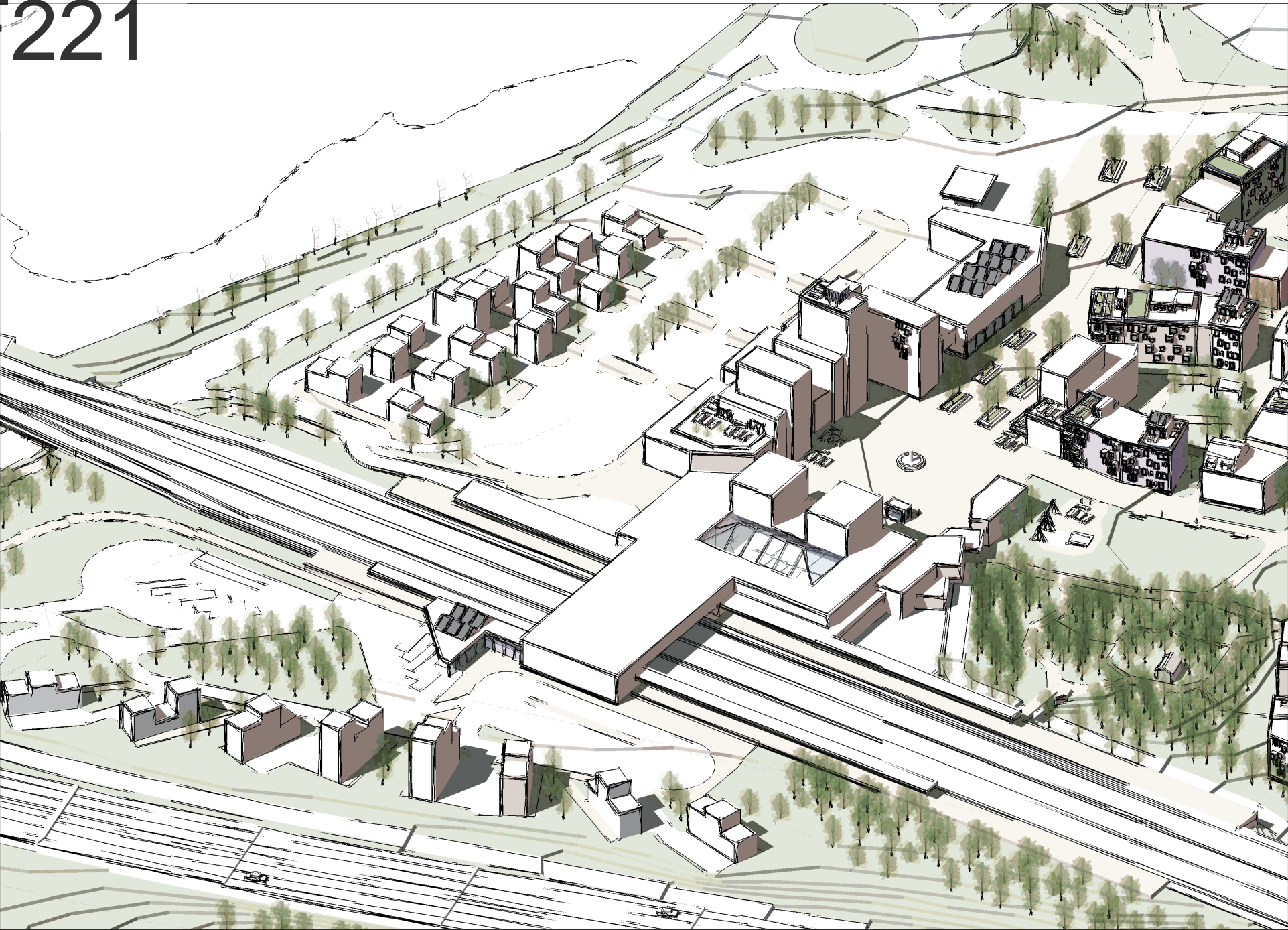


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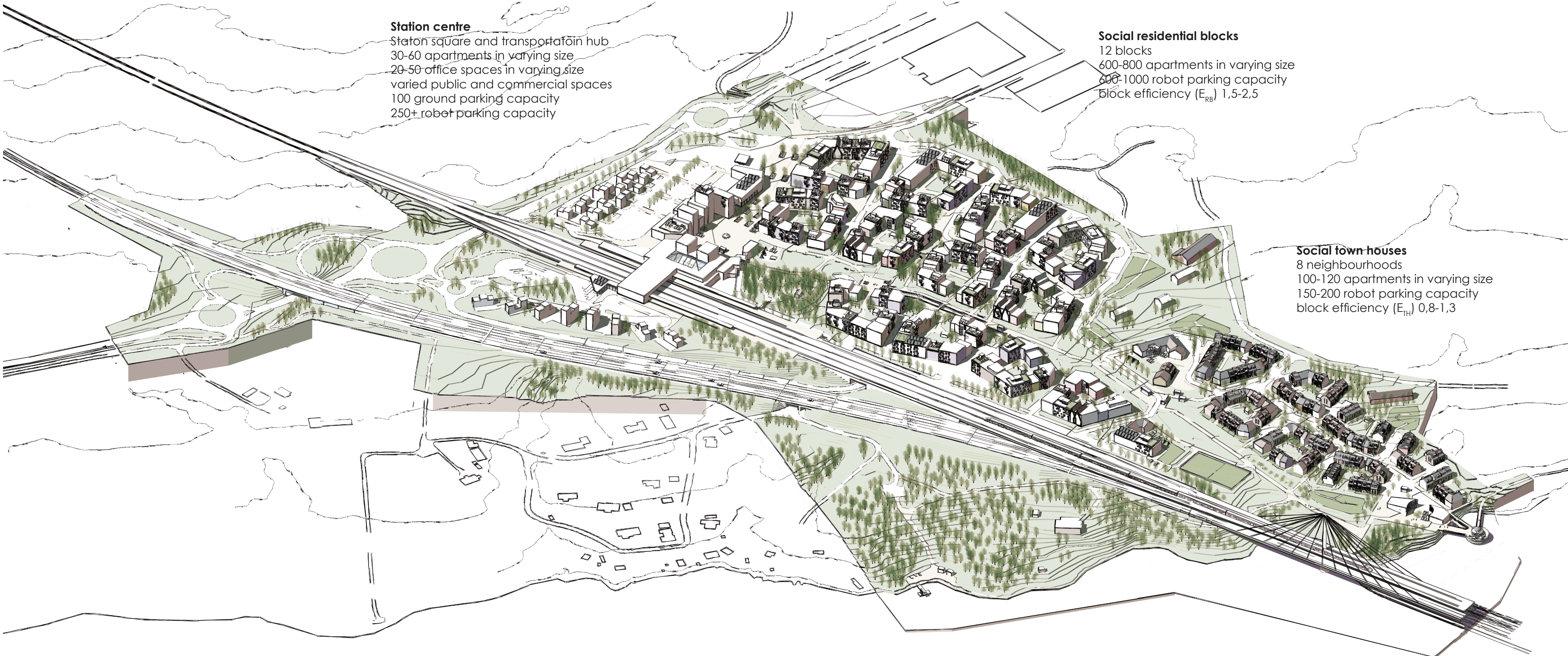
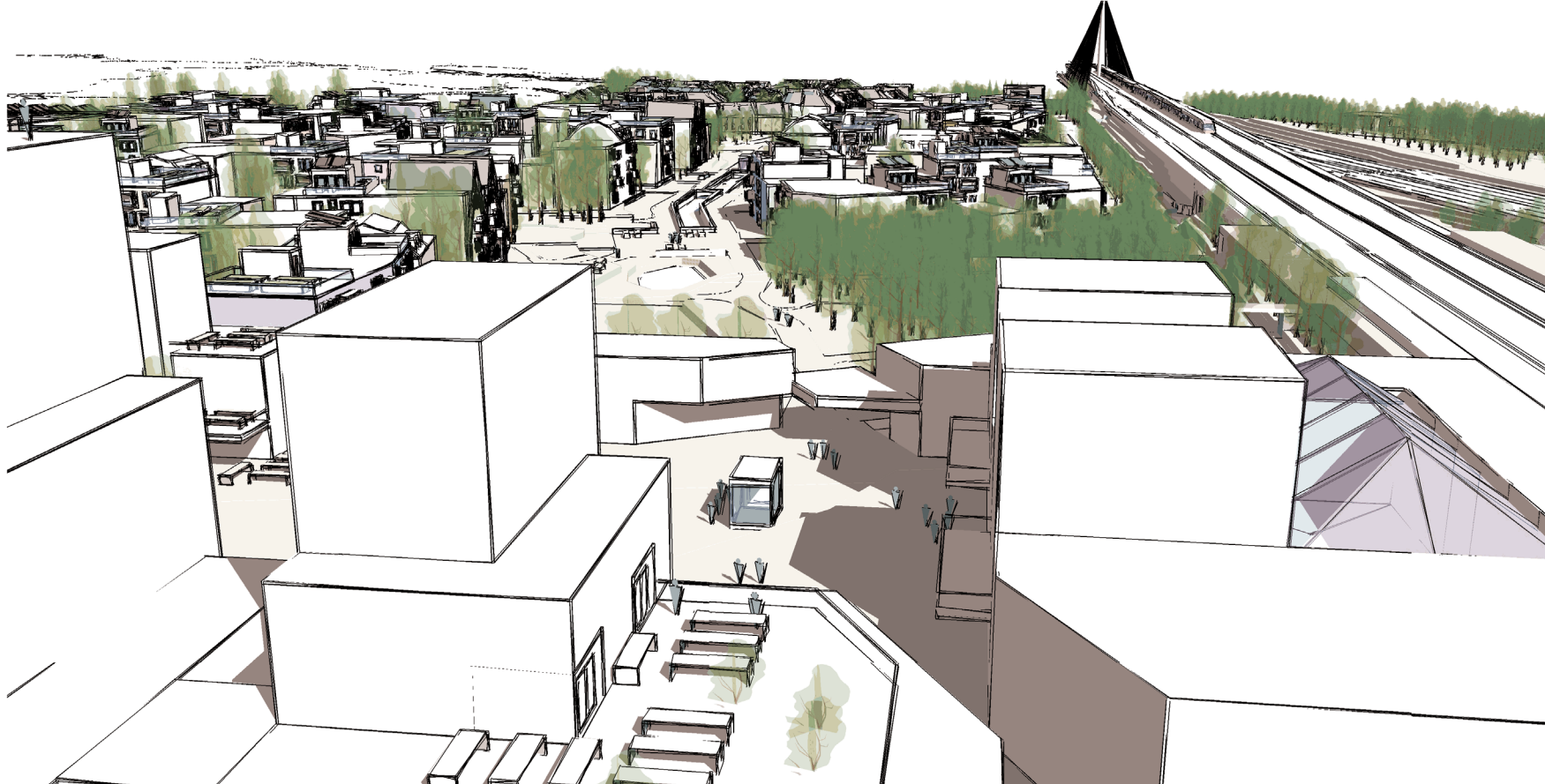
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The **station square** (50m x 60m) is the **centre point** of the new district, **connecting all functions** to thereby create a vibrant meeting point, for not only necessary, but also voluntary and social activities. The **transportation hub** is located at one side of the square, and it provides accessible travel connections by fast train, long distance bus, local city bus, local neighbourhood transport pod, taxi, private car, bicycle and walking. It is also the **main crossing point** for the pedestrian routes in the area.

In addition to the transportation the station square connects a **multitude of other functions**; shops, restaurants, services, small scale workshops, offices, rooftop terrace and viewpoint, residential apartments, as well one end of the main park and a playground. This mix of functions will keep the square a **vibrant place** throughout the day and late into the evening. The buildings surrounding the square are well-suited for mixed use, with a gradual transition from commercial to residential, so that the proportion of functions can vary according to needs and trends.



Station centre
Station square and transportation hub
30-60 apartments in varying size
20-50 office spaces in varying size
varied public and commercial spaces
100 ground parking capacity
250+ robot parking capacity

Social residential blocks
12 blocks
600-800 apartments in varying size
600-1000 robot parking capacity
Block efficiency (E_{R8}) 1.5-2.5

Social town houses
8 neighbourhoods
100-120 apartments in varying size
150-200 robot parking capacity
block efficiency (E_{H1}) 0.8-1.3



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The **social residential blocks** consist of 3-5 buildings that creates a common inner courtyard for each block. The apartment blocks are 3-5 stories high, in order to maintain a **human scale** for the courtyard and the streets between the blocks.

Each house has a **shared roof terrace** and interior space at the top floor so that every inhabitant has access to the terrace and living room with the best view. The roofs can be used as chosen through **direct democracy** by the inhabitants of each house. The roofs must have the readiness to hold solar panels, saunas, allotment gardens and other functions the residents might decide to have there.

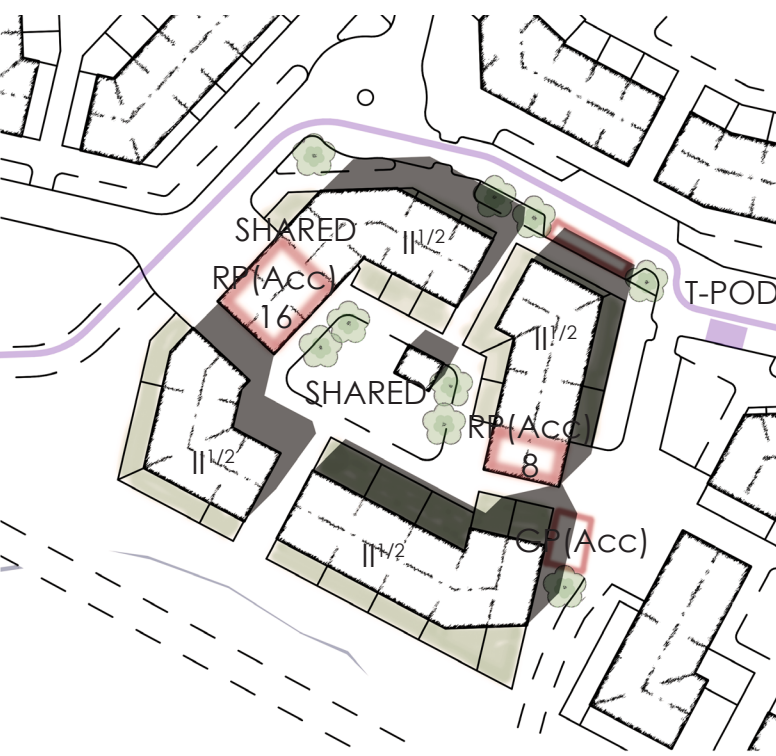
Because the blocks have similar dimensions to one another they should have somewhat different style regarding roof types, materials, colors, windows and balconies, so that each block and each courtyard have their own **distinctive expression**. This means that one easily recognizes one's own home without having to look at the house number. Both the materials and methods of construction will be **sustainable** and **natural** (the primary material will be wood).

The parking solution for the residential blocks is robot parking in units, which partly occupy one building closest to the entrance road. It has the same dimensions and style as the rest of the block and will serve the parking needs for two residential neighbourhoods. In this way, there is no need for big parking areas or underground parking solutions. The cars are kept safe and dry, and if the need for parking decreases in the future, a module can be rebuilt with a new function without having to change the dynamics of the rest of the block. The maximum distance to walk to the parking is 100m. All parking spaces are accessible (see robot parking)

Both the residential blocks and the town house blocks have in common the idea that everyone has not only access, but also **inclusivity** and **influence** over all four levels of private and public spaces:

- private: the apartments, small gardens in front of townhouses
- semi-private: roof terraces, common interior spaces (workshops, meeting rooms)
- semi-public: the courtyards (BBQ - place, playground, allotment), robot parking
- public: parks, squares and outdoor activity nearby, as well as public and commercial services within walking distance

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The **social town houses** consist of **dense** and **organic** blocks of terraced housing, 2-3 stories high. The buildings consist of unique housing units in the corners with modular units in between, adding up to a total of 10-25 units per block. Most units have their own small garden and roof terrace. In the middle of the block there is a shared garden with a small canopy, barbeque area, tables, playground and an allotment area.

One unit in each neighborhood is a **shared** unit with **social** areas (workshop, meeting room, terrace, storage)

2-3 units per block are allocated for residential parking. Due to its function (see robot parking) all parking spaces here meets the demand for accessible parking as well. The units have similar dimensions and style to the rest of the residential units, but it contain a rotary parking system within, that has space for 8 cars each. Temporary parking and guest parking is allowed on the streets.

