The first part of the urban plan is formed at the square between the Father & Son towers and the railway station. This is a place where users are always in a hurry. The wind pattern is chaotic, as is the infrastructure and architecture. The building has to follow fluently on the urban structure through the inner square. This has been done by the shape of the two volumes situated here.

The urban park is made for the workers and inhabitants of the area. Or, in other words, the "stayers" of Telepoort. The Father & Son building creates a wake behind the building and therefore gives an urban climate that fits with the function.
The Parking garage follows the structure of the towers and the structure of the plinth building on top of it. The dominant core structure principle is based on a roundabout. The garage gives place to 156 cars.

The Ground floor has 4 different functions: 1. Socializing, 2. Meeting, 3. Resting, 4. Consuming. These functions are found in a radial interior structure situated on a four-floor high central hall. The interior is flexible and can easily be used for different activities.
On top of the plant a green roof is situated for the office employees to rest and look at the “liveness” of the station square while eating their lunch in the 12 o'clock sun.

The higher dwellers have the magnificent view when looking around at the docks, Amsterdam City, The Brettenzone and even Haarlem. Though if they look down they see the fluid fibre facade.
Dwelling B
This Dwelling has 2 bedrooms and a large living. The living has a 90 degree view from all rooms. The long wall has been accentuated by placing the other rooms in a block and keeping the long wall free. This gives the space a longitudinal effect.

Dwelling D+E
These dwellings are meant for couples and expats. They are respectively a single bedroom dwelling and a studio. Both based on the radial structure and focused on the view of the surrounding context.

Dwelling C
This Dwelling has 2 bedrooms and a large living. The living is the one-floor version of dwelling A and means for 50+ inhabitants that would love the high tech Teleport.

Dwelling A
This Dwelling has 3 bedrooms and a large living with separate kitchen and dining room. The living has a built-up from the core to the outside. The side and the set back with give the glass facade extra dimensions.

This Dwelling has 2 bedrooms, a spacious living and a 90 degree view from all rooms. The long wall has been accentuated by placing the other rooms in a block and keeping the long wall free. This gives the space a longitudinal effect.

Floor plans 1:100 / 1:50

Dwelling B
This Dwelling has 2 bedrooms and a large living. The living has a 90 degree view from all rooms. The long wall has been accentuated by placing the other rooms in a block and keeping the long wall free. This gives the space a longitudinal effect.

Dwelling D+E
These dwellings are meant for couples and expats. They are respectively a single bedroom dwelling and a studio. Both based on the radial structure and focused on the view of the surrounding context.

Dwelling C
This Dwelling has 2 bedrooms and a large living. The living is the one-floor version of dwelling A and means for 50+ inhabitants that would love the high tech Teleport.

Dwelling A
This Dwelling has 3 bedrooms and a large living with separate kitchen and dining room. The entire dwelling has a build-up from the core to the outside. The side and the set back with give the glass facade extra dimensions.

Dwelling B
This Dwelling has 2 bedrooms and a large living. The living has a 90 degree view from all rooms. The long wall has been accentuated by placing the other rooms in a block and keeping the long wall free. This gives the space a longitudinal effect.

Dwelling D+E
These dwellings are meant for couples and expats. They are respectively a single bedroom dwelling and a studio. Both based on the radial structure and focused on the view of the surrounding context.

Dwelling C
This Dwelling has 2 bedrooms and a large living. The dwelling is the one floor version of dwelling A and meant for 50+ inhabitants that would love the high tech Teleport.

Dwelling A
This Dwelling has 3 bedrooms and a large living with separate kitchen and dining room. The entire dwelling has a build-up from the core to the outside. The side and the set back with give the glass facade extra dimensions.

Dwelling B
This Dwelling has 2 bedrooms and a large living. The living has a 90 degree view from all rooms. The long wall has been accentuated by placing the other rooms in a block and keeping the long wall free. This gives the space a longitudinal effect.

Dwelling D+E
These dwellings are meant for couples and expats. They are respectively a single bedroom dwelling and a studio. Both based on the radial structure and focused on the view of the surrounding context.

Dwelling C
This Dwelling has 2 bedrooms and a large living. The dwelling is the one floor version of dwelling A and meant for 50+ inhabitants that would love the high tech Teleport.

Dwelling A
This Dwelling has 3 bedrooms and a large living with separate kitchen and dining room. The entire dwelling has a build-up from the core to the outside. The side and the set back with give the glass facade extra dimensions.

Floor plans 1:100 / 1:50

Dwelling B
This Dwelling has 2 bedrooms and a large living. The living has a 90 degree view from all rooms. The long wall has been accentuated by placing the other rooms in a block and keeping the long wall free. This gives the space a longitudinal effect.

Dwelling D+E
These dwellings are meant for couples and expats. They are respectively a single bedroom dwelling and a studio. Both based on the radial structure and focused on the view of the surrounding context.

Dwelling C
This Dwelling has 2 bedrooms and a large living. The dwelling is the one floor version of dwelling A and meant for 50+ inhabitants that would love the high tech Teleport.

Dwelling A
This Dwelling has 3 bedrooms and a large living with separate kitchen and dining room. The entire dwelling has a build-up from the core to the outside. The side and the set back with give the glass facade extra dimensions.
The Poly membrane fibre can be installed in three different ways:
- First, there is the rigid, then the half rigid, and then there is the flexible.
- For the Father & Son Facade, the middle one has to be chosen:
  - Half rigid for safety and half flexible to create the double torsion.

The Plinth wind panels are made of the same fibre as the towers.
- Though the mounting is rigid and strong (option 1) to prevent vandalism.
Natural ventilation will suffice

Additional mechanical ventilation

Floor heating

Natural + Additional mechanical ventilation

Climatisation
The twisting floor plans make that when we make a section through the core we see that a "stair like" structure is the result. To make a clear system out of the fibre facade the two details are a mirror of each other and thus they can easily be applied during the shacking of the tower. The insulation is placed on top or underneath the ISO-korf console depending on the direction of the insulating.
The facade is made out of polypropylene fibre. Choosing this material gave me the freedom to create the double curved surfaces that the torsion of the tower afflicts. The fibre is attached to the ISO-Korf concrete consoles.
The "Head" and "Tail" of the building are not covered with the fibre facade. This is done not only to give the tower a clear front and rear, but also to give the dwellers the joy of playing with their own wind screens. The way this works is seen above.
The roofing of the son tower is made with a moss-sedum roofscape to give the dwellers a place to go and enjoy the view and sun. The facade flows fluently into the guardrail that is attached to the roof ending. This guardrail gives the necessary cover for prevailing winds.
The facade in the plinth is a glass facade with flexible windows. In front of the windows, a fibre has been placed to keep the wind and curious people out. The attachments of the fibre are covered by a hood and attached to the bubbledeck floor.