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Date: June 26th 2015

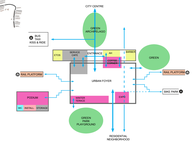
URBAN FOYER
´LJOUWERT´

URBAN FOYER LJOUWERT

The urban foyer Ljouwert is located at the most congested area of the city of Leeuwarden. The foyer connects and activates the people of Leeuwarden to eachother and beyond. A podium to express the individual and the collective, a place for debat and development or just being seen. The foyer is the new social cultural hotspot of Leeuwarden.

The monumental stationbuilding dating from 1864 is situated at the edge of the historical city centre. The area in front of the station is part of the business district and cluttered with traffic. By diverting cars and busses a beautifull open space emerges. The amplification of the green character of the surroudings gives the urban foyer an open and synoptic entrance.

EUROPEAN CAPITAL OF CULTURE 2018
In 2018 Leeuwarden is the new European capital of culture. Throughout the year there will be various events wich attract a lot of visitors to the city. The urban foyer is the welcome area of the city. Visitors will be directly confronted with Leeuwarden, its qualities, ambition and of course its inhabitants.

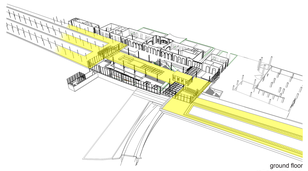


LEEUWARDEN FRYSLÂN 2018 european capital of culture
Kulturele Haadstêd fan Europa
Culturele Hoofdstad van Europa

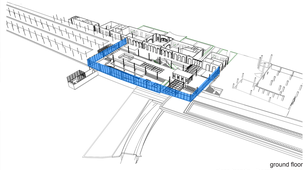
By diverting the traffic new public space is generated.

Situation
1:1000

ground floor
entrances

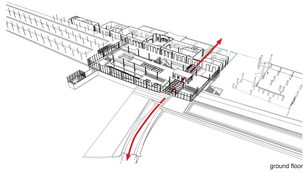


ground floor
rail platform level



ground floor
glass facade - thermal envelope

ground floor
green surroundings



ground floor
connection bike path

lower level
connection bike path and new exstension bike park

south entrance

new train platform to accomodate extra intercity to Groningen

At night the focus switches towards the inside

View to the park on the south side

View to the park on the south side

Bicycle tunnel

the main hall whit its masonry arches is restored to its former glory

foyer

ground floor

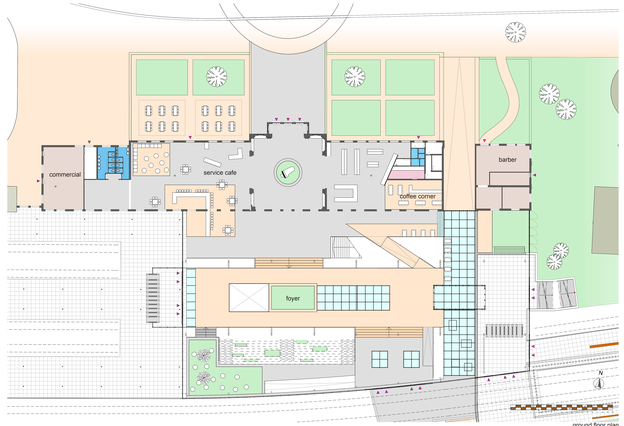
lower level and bike park

Section

info area

platform level

service cafe



ground floor plan

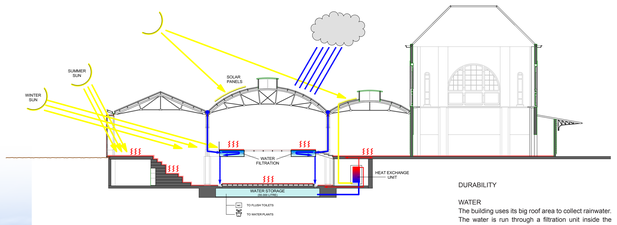
podium lower level

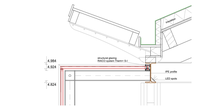
water curtain after a rainy day

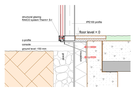
Urban foyer Ljouwert is a multifunctional building. Each space can be claimed and reshaped to fit whatever need. By opening op the existing building towards the new foyer visibility improves and space can be shared or devided as needed.

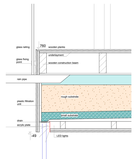
Whether you are a visitor by train or coming from the city the foyer gives a clear line of sight through the building and towards the green sleeve surrounding the foyer. This open view also triggers curiosity. "What are they doing over there?" Being visible is the first step towards interaction between people.

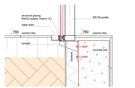
The existing construction of cast iron columns and trusses are put on simple concrete pillars and painted white to make them less dominant.











Details

DURABILITY

WATER
The building uses its big roof area to collect rainwater. The water is run through a filtration unit inside the raised floor in the middle of the building.
Relative clean water drips out a drain in the bottom creating a water curtain underneath the floor in the lower level. The water is collected in a storage tank where it can be used for watering plants or flushing the toilet.

HEATING AND COOLING
The same water is used for the heating and cooling of the building. A heat exchange unit brings the water up to the desirable temperature and spreads it through the building via floor heating. In the summer periode cold water is pumped trough to cool down the building.

SOLAR ENERGY
The heat exchange unit is powered by solar panels inside the glass of the skylights. The solar panels also act as an sunscreen in the summer reducing the overall temperature of the building.