Pontus Restadh

Handledare/ Supervisor: Nina Lundvall, Peter Lynch, James Payne
Examiner/ Examiner: Per Franson

Examensarbete inom arkitektur, avancerad nivå 30 hp
Degree Project in Architecture, Second Level 30 credits
25 maj 2018
PANEL ARRANGEMENT, PANELS ONE AND TWO. NUMBERS REFER TO THE NUMBERS AT THE BOTTOM OF THE PAGES.
Panel Arrangement, Panels Three and Four. Numbers refer to the numbers at the bottom of the pages.
VINTERVIKSDALEN

A DIPLOMA PROJECT ABOUT
MINOR ARCHITECTURE AS
DEVELOPING FACTOR IN
URBANIZING A PARK IN
SOUTHWEST STOCKHOLM

PONTUS RESTADH

STUDIO 7

SUPERVISORS/
NINA LUNDVALL, PETER LYNCH,
JAMES PAYNE
I would like to do minor insertions in this park to unify and clarify it. To do this I propose a concrete path that spans the full length of the park and with some insertions along the way to activate the parts that lack it today.

The main idea of the path is to establish something constant and durable so that it gives support for the activities and functions to evolve around it without dissolving the basic structure of the park.

There are two main areas I’ve chosen to concentrate on in my project. The area closest to the motorway bridge Essingeleden where I propose a bath house and a retaining wall to activate the area.

Stockholm is growing but have many spaces that have the possibility to connect areas but doesn’t. They often connect spatially but have big spaces of nothing which is experienced as unsafe and uninviting. I would like to propose a change for one of those areas.

The area between Vinterviken and Trekanten is located between Aspudden, Örnsberg, Gröndal and Liljeholmen. Residential areas which will probably grow together as Stockholm is growing and going through a lot of changes. Vinterviken have both nature and culture but no apparent connection to areas surrounding it. There are dark spots that makes the area uninviting. Still a lot of people choose to move through the area.

There are some spaces in which people have committed themselves to improve the surroundings. The old sheds which is now a sculpture park/ateliers. The old dynamite factory which been transformed to a gallery and a café. The allotments where the gardening association choose to build a scene and small dance-floor.

The buildings the city are responsible for are less inviting. A kindergarten built next to Blommensbergsskolan, it’s a dark barack, Vintervikshallen, a sporting facility. They are planned without dedication to the area.

The site holds all of these good fragments but as Stockholm has grown there’s been additions and subtractions to the area that have weakened the area. So what’s needed is clarification and unification.
4. LOCATION PLAN, 1:10 000
5. CURRENT DETAIL PLAN
6. CURRENT DETAIL PLAN
FIRST THOUGHTS ON SHEDS

Sheds are a structure that holds many possibilities. They can be used for almost anything but show very little of its usage on the outside. They can be transformed to almost any new purpose without having to change its structure.

"In these terms it is in no wise a synonym for any temporary or informal structure, nor for improvisation, nor for the use and reuse of cheaply available materials. But - with the ubiquitous garden shed in mind - this seems to have become the common usage."

- Nicholas Olsberg, Some Thoughts on Sheds

URBAN SHEDS

I think the shed as type can be assorted into several categories where the urban is the one most interesting when searching for urbanization. It’s the structure that pops up in the city when there is something missing. It has a way of lowering the scale of the built and to humanize its surroundings.
FIRST THOUGHTS ON WALLS

Walls are most often used as a divider between two areas, but they also create a tension between those areas as well. In that sense they have a great way to elevate areas and create new ways we see areas in relation to each other.
“Urbanity is articulation, complexity and difference. Articulation of floors, pavements, itineraries, supports, empty spaces.”

Manuel de Solà-Morales, For a ‘material’ urbanity, 2005

AURELIO GALFETTI, CASTELGRANDE, BELLINZONA
AURELIO GALFETTI, BATHHOUSE, BELLINZONA
LIVIO VACCHINI, PIAZZA DEL SOLE, BELLINZONA

URBANITY

REFERENCE
PROJECTS/VISITS

AURELIO GALFETTI, WORKS IN BELLINZONA
AURELIO GALFETTI, CASTELGRANDE
AURELIO GALFETTI, BATHHOUSE
SITE PICTURES

TOWARDS RÅVUDDEN
Unaccessible due to the fragile state of the rock wall.

UNDER THE BRIDGE
The parking lot.

THE BARACKS
A barrier.
SPORT HALL
A barrier. Both visually and spatially.

SCULPTURE ATELIERs
And the nothingness in front of them.

NEXT TO THE ALLOTMENTS
Moving close to something good but not being able to partake.

SPORT HALL
A barrier from the other side as well.
UNDER THE BRIDGE

The disarray of movements and spaces.
**EXISTING**

Main problems in each part:

<table>
<thead>
<tr>
<th>Area</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RÄVUDDEN/</td>
<td>It lies on a perfect site for taking a bath but lacks it today. The site for dwelling is fenced off due to falling rocks.</td>
</tr>
<tr>
<td>SCULPTURE ATELIER/</td>
<td>The ateliers are fenced off with wire fence. This fence creates a border but no privacy. The sculptures aren't available for the public.</td>
</tr>
<tr>
<td>GALLERY AND LIVING/</td>
<td>Mainly a good fragment but lack clear movement and has a focus on cars that disturbs the park.</td>
</tr>
<tr>
<td>ALLOTMENTS/</td>
<td>The movement through this area is put aside due to focus on the allotments.</td>
</tr>
<tr>
<td>GARDEN ASSOCIATION/</td>
<td>Mainly a good fragment but could grow without damaging the area.</td>
</tr>
<tr>
<td>GREEN FIELD/</td>
<td>Used as a dumping ground for snow. The sporting hall is a barrier that creates a lot of bad spaces around it.</td>
</tr>
<tr>
<td>UNDER THE BRIDGE/</td>
<td>The space under the bridge is unclear and lacks activity.</td>
</tr>
<tr>
<td>BLOMMENSBERGS SKOLAN/</td>
<td>The barracks blocks the view and creates a lot of dark spaces during the night. The road is perceived as a barrier.</td>
</tr>
</tbody>
</table>
MINOR ARCHITECTURE

What I propose in each area:

RÄVUDDEN/  I propose a bath shed with showers and sauna. It's accompanied with a bath ramp. I've also drawn a retaining wall to create places for dwelling and access to the ridge.

SCULPTURE ATELIERS/  I propose a wall around the ateliers to create privacy but also to establish a space in front of the ateliers for a sculpture park. I put a wall along the water and draw it together with the other wall to create an entrance from Örnsberg.

GALLERY AND LIVING/  I let the path cut straight through the area to elevate the people walking.

ALLEOTMENTS/  I establish a new row of allotments on the other side of the path to create the feeling of walking through them.

GARDEN ASSOCIATION/  I expand the path’s in this area for future establishing of a trade garden.

GREEN FIELD/  I choose to tear down the old sporting hall and rearrange the area to become a activity based space without disturbing the movement in the park or the sight.

UNDER THE BRIDGE/  To activate the area and make it a gathered space I propose a skate ramp and two basket courts that steps up in the landscape. This frames the area between Essingeleden and Blommensbergskolan to create a proper schoolyard. On the other side of the bridge I propose a walkbridge to tie together the ridges and let the park take back a part of Essingeleden.

BLOMMENBERGS SKOLAN/  I choose to tear down the barracks and put a new school building to further frame the schoolyard. To slow down traffic and create a square I put a bus stop along the path.
GALLERY AND LIVING
SCULPTURE ATELIERS
RAVUDDEN
boat club/boat storage
VINTERVIKEN
MÖRTVIKEN

existing buildings
existing green
the path
new buildings
new green/activities
new walls
**URBANIZATION**

What this changes for each area:

<table>
<thead>
<tr>
<th>Area</th>
<th>Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>RÄVUDDEN/</td>
<td>It gets a clear connection to one of the apartment areas.</td>
</tr>
<tr>
<td>GALLERY AND LIVING/</td>
<td>Even though they get buildings a lot closer I think the height difference will keep them reasonably separated.</td>
</tr>
<tr>
<td>GARDEN ASSOCIATION/</td>
<td>The establishing of a trade garden and event pavilion will give a higher flow of people through the park.</td>
</tr>
<tr>
<td>GREEN FIELD/</td>
<td>Having buildings visible from this area will hopefully make people feel safer walking through the area.</td>
</tr>
<tr>
<td>UNDER THE BRIDGE/</td>
<td>The walk bridge gets a clear connection to the new apartment area and the people living there get a faster way to a subway station.</td>
</tr>
<tr>
<td>BLOMMENSBERG'S SKOLAN/</td>
<td>It gives the bus stop an even bigger usage.</td>
</tr>
</tbody>
</table>
30. SECTION THRU SPORTS HALL AND BIKE SHED
OVERVIEW OVER THE START OF THE PATH
1. 3 mm sheet metal
2. steel wire
3. HEA-beam
4. drainage pipe
5. top soil
6. concrete
7. granite curb stone
8. concrete stone tiles
9. in-situ concrete
10. support course
11. reinforced concrete beam
12. steel pillar bolted into concrete beam
13. leveling course
14. frost protection course
General section thru the path between BLOMMENSBERGSSKOLAN and the ALLOTMENTS, 1:50

1. top soil
2. drainage pipe
3. frost protection course
4. in-situ concrete slab

General plan thru the path between BLOMMENSBERGSSKOLAN and the ALLOTMENTS, 1:50
1. precast concrete beam/slab
2. precast concrete, joined with beam with expander bolts
3. precast concrete staircase

Detail section of the walkbridge and joining stair, 1:50

Detail plan of the walkbridge and joining stair, 1:50
Entry level from the path, 1:500
Entry level from the road, 1:500
Elevation of north facade of sports hall, 1:500
Sections Sports hall and Bike shed, 1:500
43. RETAINING WALL ON THE WAY TOWARDS RÄVUDDEN
45. BATH HOUSE AND BATH RAMP
46. DRAWINGS OF BATHING HOUSE
1. top soil
2. drainage pipe
3. frost protection course
4. support course
5. concrete pillar
6. railing posts are fastened by being sunked in pre-drilled holes and casted in place with asphalt.
7. pre-cast concrete slab
8. concrete
1. top soil
2. drainage pipe
3. frost protection
4. stone tile
5. stone tile with recess for drainage, strollers and bikes
6. support course
7. concrete high curb
8. fill course
9. sand
10. concrete
11. retaining wall of concrete
12. support course
13. steel gabion wall
14. concrete bricks
15. mortar
16. rear anchoring using stone anchor
17. concrete

Detail section of the stair and retaining wall by the ferry bridge, 1:50

Plan of the stair and retaining wall by the ferry bridge, 1:50
General section of the path when it passes between the ALLOTMENTS, 1:50

1. top soil
2. drainage pipe
3. frost protection course
4. mortar joint to elevate lime stone for drainage
5. pool support structure in waterproof concrete
6. 2 mm pool liner
7. lime stone
8. fine round course
9. frost protection course
10. in-situ concrete slab
11. concrete stone tile
12. concrete
13. concrete curb stone

General plan of the path when it passes between the ALLOTMENTS, 1:50