(STRÖMSHOLMEN)

Reintroducing a Public Building

Johanna Larsson Master Thesis 2021 Chalmers School of Architecture Deptartment of Architecture and Civil Engineering Building Tectonics Examiner: Mikael Ekegren Supervisor: Björn Gross

Present in the memory of Norrköpings inhabitants is the grand Restaurant Strömsholmen, which acted as the center for entertainment during the early 20th century. The Restaurant was a project assigned to Carl Bergsten, during his early career, and was built for the Norrköping Exhibition of Art and Industry hosted in 1906. Unfortunately the building suffered a fire accident in 1939 and was never restored (DM, 2019).

Today the site is a green open area, surrounded by trees and has numerous pedestrians passing by daily. For the last 20 years, there has been an expressed will from the municipality, private actors as well as the inhabitants to reintroduce a building to the site. A building which will contribute to the active and welcoming cultural city that Norrköping has come to be (Nordström, 2011).

By investigating which the architectural qualities were in Bergstens design, and how they can be referenced to in a contemporary building using modern building techniques, the aim is to develop a design proposal worthy of the sites potential. A proposal which allow for the island to be used for organized as well as spontaneous events and activities, and at the same time remind visitors of the rich history of the site in a subtle way. An analysis of the site and history will help locating the introduced building structures on the site. The method of researching by design is applied through hand drawings, digital modeling physical models and material testing.

A program including a restaurant with generous space for outdoor seating, exhibition spaces and a smaller cafe will offer spaces for a plethora of events, attractive to the inhabitants as well as to visitors. Locating the volume on the north shore will minimize the intrusion of the public park and maximize the sun reaching the site.

The reintroduction of a public building with references to the work of Carl Bergsten will contribute to using the full potential of a unique location, and gain appreciation from visitors at Strömsholmen.

Keywords: Public Building, Strömsholmen, Norrköping, Carl Bergsten

Johanna Larsson Master Thesis 2021

Chalmers School of Architecture Deptartment of Architecture and Civil Engineering Architecture and Urban Design

> Supervisor: Björn Gross Examiner: Mikael Ekegren



Contents

Student Background

Abstract	3
Student Background	5

Part 1

Introduction	6
Thesis Questions	8
Prupose/Aim	8
Method	9
Delimitations	9
Site	10
Historic Development	14
References	20
Restaurant Strömsholmen	20
Carl Bergsten	24
Process	28
Design Strategy	45
Space Program	46

Part 2

Design Proposal	48
Discussion	78
Bibliography	80

2019-2021	Architecture M.Sc, Chalmer - Matter Space - Nordic Archit - Architecture &
2019	World Wide M.Sc, Tongji U - Rural Urbanis - Modern Chin
2015-2018	Architecture B.Sc, Chalmers
	Experience fr practice/acade
2020	Swedish Inst Anna Ahrenber
2020 2018	Architectural Fredriksson Ark

2020

2018

Architectural Intern Ferrum Arkitekter, Gothenburg

Education

ure and Urban Design mers University of Technology ace Structures chitecture re & Urban Space Design

de Exchange program ji University, CAUP, Shanghai anism hinese Architecture

are ners University of Technology

ce from cademia

nstitute in Rome abergs scholarship

ıral Intern Arkitektkontor, Norrköping

Introduction

Strömsholmen, by local politicians described as "a rough diamond right in the center of Norrköping" has been loudly discussed over the last two decades. Voices are raised to make better use of the unique plot and its potential. The opinions on how to develop the site though, are very much divided.

The initial motive to take on the task of reintroducing a public building to Strömsholmen comes from a personal relationship to the city and the island. After following the public discussion over the years I believe the different interests could be joint by an architecture anchored in the rich history and identity of the city. Taking a step beck to investigate which the qualities were, that created all of these positive memories and experiences, and try to reinterpret and implement them into a contemporary public building would contribute to creating new memories in the future.

Architect Carl Bergsten and his "Restaurant Strömsholmen" is used as the main reference due to the strong link between Bergsten and his career, the specific site, the DNA of Norrköping. The period during which the restaurant was in service is often described as the prime years of Strömsholmen. Illustrated on the right page one can see the dense vegetation and the city hall tower as the main backdrop of Bergstens restaurant.



Thesis Questions

What is the best way to reintroduce a public building at Strömsholmen, having the unique qualities and rich history of the site in mind?

How can the qualities of Carl Bergstens work be referenced to, and contribute to a contemporary public building?

Purpose/Aim

To develop a design proposal for a public building in order for the unique site to live up to its full potential. A proposal which allow for the island to be used for organized as well as spontaneous events and activities, and at the same time remind visitors of the rich history of the site in a subtle way.

Using the design and principles of Carl Bergsten as reference will provide a framework for the project and a result in clear tie to the identity of the city, and at the same time act as a destination in a contemporary daily life. The developed framework will help design a cohesive project from the large scale down to the details.

Studying Restaurant Strömsholmen, which was previously on the site, through documentation and photos will provide a better understanding of the architectural qualities in the building which is still present in the memory of Norrköpings inhabitants. These qualities will then be translated into a contemporary building, using modern building techniques.

The method of researching by design is applied through hand drawings, digital modeling physical models and material testing. Graphic material on different scales is made in order to represent how the building will be viewed from a distance as well as in detail.

Delimitations

The quality of the soil and ground conditions on Strömsholmen are uncertain. Principles for construction will be designed making assumptions about the ground conditions without any closer investigation.

Other buildings have been built on the site through history, but the scope of this master thesis will be focusing on Carl Bergstens restaurant. Bergsten has left a mark on the Swedish architectural history as well as on the built environment in central Norrköping.

Method

During the first part of the 19th century, Norrköping experienced rapid growth due to the expanding industry. The fabric industry in particular contributed to the city becoming the third largest city in the nation. About 80 % of the Swedish wool production was located here and Holmens bruk contributed to also making the paper industry an important part of the citys heritage (Droste, 2008).

Up until 1950, 50 % of the inhabitants were still making a living from the industry, but the crisis within the textile industry led to a shift where the main employment became more administrative. Despite this shift, the heritage of the industrial era remains and can be seen clearly within the urban fabric today. Large brick buildings are located right on the edge of the riverbanks and has created the characteristic motive of Norrköping (Droste, 2008).

The history of Strömsholmen, located in Motala Ström, can be traced back through centuries and the land mass did first appear from dredging masses from the bottom of the river. Since then, a number of public functions have been located on the island, within more or less permanent building structures and the green park area.

The current master plan allow for a new building to be placed on the west end of the island where the ground conditions are clay down to about 50 m depth and the water level can vary from -0,34 m to +1,27 m (SGU, 2021).









Site History



on paus

Site Development

Along the lines of the National project called "Den Goda Staden", initiated in 2005, Norrköping presented the ambition to strengthen the cities brand as a park city along the river with a series of enjoyable outdoor spaces connected. The goal was to create an even more attractive city and a solid basis for further expansion. Greenery and flowing water provide the opportunity to experience changes in seasons and the natural beauty of Swedish nature, and safe, accessible pedestrian paths are important to the public health. To create a an interesting city, attraction points presenting a diversity of functions and appearances are necessary to encourage people to an active daily life (Design Program, 2005).

The design program presented back in 2005, suggests a public functions on Strömsholmen, including an outdoor bath, café and restaurant. The program also includes suggestions on how to open up a series of parks and building blocks towards the river, and develop paths and the quays to allow for pedestrians and boats to access (Design Program, 2005).

Cecilia Österholm, landscape architect at the municipality describes one of the projects, designed by Nyréns Arkitektkontor, as a result of the initiative with the ambition to be realized in 2018. The project includes a series of restaurant and café pavilions along the south quay, connecting the path with the bridge to and passed Strömsholmen. She describes a vision of people activating the space, from early morning until late at night. A space to which people go to enjoy the light summer breeze, during lunch on a work day or with family or friends during the weekend. The city has such potential with the water running though the center, and yet visual and physical connections with the water are lacking. The ambition is to change that. To allow the public to access the water (Hultberg, 2016).

Project leader Rickard Huld describes the South Quay and Strömsholmen as an unused, poorly illuminated and a bit unsafe part of the inner city. A place the visitor wish to pass by quickly because of it's gray and motor traffic focused appearance. Strömsholmen, as part of a separate project designed by Codesign will once again become a center for entertainment and leisure. A hotel and restaurant will act as the heart of Strömsholmen (Hultberg, 2016).

City architect Karin Milles gives an update on how the progress looks like today, since no buildings, decks or development has been realized as this thesis is being written in 2021. The winning proposal for a building on Strömsholmen, a hotel and Restaurant, has been stopped since no construction had been initiated within the time limit stated in the contract. The municipality was planning for the park development, and continued the plans for construction even after the Hotel project was stopped. Along with the park development, a café, storage space, public bathroom, technical space and a scene was planned for and included in the budget up until fall 2020. When the budget no longer allowed for the development the project was set on paus. The dialogue with the citizens as well as local businesses has shown a clear wish for some sort of restaurant or café and a stage for organized and spontaneous performances. At the same time the public wants to keep the island green and open for leisure and recreation (Milles, 2021).





View of West end of the island from the North bridge. Norrköping Town Hall tower and Grand Hotel in the background. Access from North. Pedestrian bridge constructed in 2012

References Restaurant Strömsholmen



Strömsholmen, Norrköping Architect: Carl Bergsten 1906 Carl Bergstens family, especially his father Per Wilhelm Bergsten, physician to the profession, was part of a social circle in Norrköping where people had great influence. The Swartz family, part of the same group, assigned young architect Carl Bergsten with the project to design a summer restaurant at Strömsholmen. After showing a few different proposals, the final one was finished in 1906, in time for the Art - and Industry Exhibition. Strömshomens oblong shape decided the location of the plot where the most important rooms, café, dining hall and park seating, were organized around a common courtyard, which acted as the entrance to the complex (Festin, 2005).

The wooden construction was covered in matchboard cladding. Great effort was put into the interior by the architect. It was important that the color scheme was not disturbing the atmosphere. The entrance was light gray with blue linoleum covering the floor, the café had orange-yellow walls with black stencil paintings in the ceiling. This was were the characteristic café chairs, also designed by Bergsten, were. Lighting, door handles and furniture were all carefully designed for the project (Festin, 2005).

The furniture was designed with strict geometric shapes, rather emblems than than practical and comfortable seating arrangements, where the construction had been more important than function. For example the café chair, with a straight back and salient base, where the waiter often stumbled when serving guests (Johansson, 1964).

Restaurant Strömsholmen



References Carl Bergsten

With a musically talented mother and a physician as a father, Carl Bergsten grew up in a cultural and educated environment in Norrköping. He was born in 1879 and finished his architecture studies after four years at The Royal Institute of Technology in Stockholm. After being commissioned to convert a private summer house into a villa he continued his studies at the Royal Swedish Academy of Fine Arts, which allowed him to, among other European cities, go on a study trip to Vienna. Influences encountered from the characteristic geometric shapes of Art Nouveau, then came to influence Bergstens work throughout his career (Festin, 2005).

With the intention to show the progress in modern technology, Norrköping was hosting an Arts- and Industry exposition in 1906 to attract a national and international audience. With the motivation of being a proposal out of the ordinary, Carl Bergsten, won the competition to design the exposition and was commissioned the project (Festin, 2005).



Entrance to the Art pavillion at the Norrköping Art- and Industry exposition 1906

The architecture left colleges within the field with split opinions and the public discussion included wether something from the moon had landed in Norrköping. The buildings from the expo is today regarded as a milestone in Swedish architectural history (Festin, 2005).

A paragraph from Bergstens notebook (11/10 -1903) gives us an idea about what stage of the career he was in when assigned the project on Strömsholmen:

"I have been very busy with the drawings, since both Swartz and Bager-Sjögren have been rushing me, I now need to extend my work hours through the nights [...]. Have you heard, Pehr Swartz has now taken on the costs for Strömsholmen, so there comes an other project my way. Not bad. As of now I will quit working for "Lalle" and start my own business." (Johansson, p.123, 2019)

After some years though, the national romantic style movement started growing in Sweden and and the criticism against Bergstens radical style sharpened. It became clear when he in 1905 was removed as a candidate for the new Stockholm city hall, in favor of Ragnar Östberg who contributed with a heavier proposal with references to medieval and renaissance architecture (Johansson, 1964).

After year 1917, his design was characterized by an elegant 1920s classical style, sometimes called "Swedish Grace". Some of the most important work that came from Bergstens career were Liljevalchs Konsthall, the Swedish pavilion for the Paris expo in 1925, interior design of the ship M/S Kungsholm and The Gothenburg city Theatre. At 56 years of age, Carl Bergsten passed away in 1935 (Festin, 2005).





Entrance doors to the Gothenburg City Theatre

Jurslavillan, Summer villa in Jursla utside of

Trozellanium (library, auditorium, museum), never realized. Assigned by E. Ringborg

Vattenkraftcentral för P. Schwartz, Långåsen,

Industryexhibition in Norrköping. Winner,

Summer restaurant, Strömsholmen, Norrköping,

Buildings for Art- and Industryexhibition project in collaboration with G. Morssing.

Villa for consul Dahl, kv Enväldet 3 D Vatten-

Crematorium. Bergstens work was interrupted due to his death and was continued by Kurt von

(Malmström mfl. 1988)

Process Space Program Analysis Restaurant Strömsholmen



Indoor spaces

 Café and restaurant Communication Kitchen Staff 	422 m ² 453 m ² 546 m ² 97 m ²
Outdoor spaces	
 5. Terrace 6. Courtyard 	171 m² 398 m²
Detached Veranda	158 m ²
BTA (main building)	$\sim 1520 \text{ m}^2$







Courtyard framed by building volumes



Access from city and between park and restaurant



Main entrance to Café and Restaurant

1 Frame/Hour, Aug 8:00-18:00 Siteplan 1:1000

 \bigoplus

Spacial qualities





Café interior with furniture designed by C. Bergsten for the project.

The plan of the space, described as the "most beautiful room", is devided into a central nave, offering a greater space and ceeling height, with sunlight reaching through the generous skylights. The central nave is then followed by a side isle along each wall. The side facing the courtyard offers generous double doors as communication between the indoor and outdoor seating. Visitors would enter the space from one end, overlooking the room and service staff would use the communcation cennected to the kitchen.







Social gathering in the café.

The quote below (in Swedish) describe the expectations and the atmosphere of the new restaurant that was about to open to the public.

"Jag skulle ha talat med Dig igår kväll, men vi var på Strömsholmen och avpassade belysningen. Bergsten med fru och jag skall nu gå dit på middag kl 4, ty det öppnar idag kl 3. Du skall tro det är härligt! Det skall fostra hela "jyttjan" i stan!" - Ernst Lundberg, 1906

The restaurant came to be a center for entertainment in the city. Offering space for various kinds of events in grand dining halls as well as in smaller, private dining rooms.







Restaurant entrance from the courtyard.



Park entrance from courtyard.

A pergola frames the passage between the courtyard and the outdoor seating in the park. The structure also allowed for vegetation to climb and was later complemented with a gable roof covering the pergola.



 \land



The building is not characterized by symmetry, rather the opposite, where each desired function is added through a new suitable building volume. The exeption is the facade rythm in the main dining hall, offering generous inlets of light as well as outlooks to the north and to the south.

Along the north shore of the island the building is placed right on the edge, stepping it's toes into the river. A terrace along the facade is overhanging the water.

Cross section dining hall

Material

"Different terraces and balconies where the different parts are given individual characteristics, preferably given basic geometrical shapes. All of it expressed through the <u>contrast between the white fire walls</u>, the red <u>tile roof</u>, and the basement and window frames in blue-gray glaze. [...]

The most beautiful room was probably the three isled nave café characterized by <u>orange-yellow walls, green floor and details in black</u> <u>and cold gray</u>. In the right nave, with its skylights, hanging cubical glass lamps in thin iron rods running through iron rings, in some way inspired by Hotel de Saxe in Prague and Café Louvre, as well as for the color scheme. Other rooms had <u>violette or green walls combined with a green or blue floor</u>."

(Johansson, p.210-211, Med egna vågor, 2019)

Visible beams piercing through the facade, describes the logical construction method from the exterior. The buildings lighter timber structure is resting on a heavy wall, then followed by the steeply angeled red tile roof. The heavy base was a combination of concrete and brick which was supported by underground pillars (Bergsten, 1908).

A system of wooden pillars allow for the large glaced double doors to separate the café interior from the terrace. The strict geometric shapes of each building element contribute to the restaurants recognizeable character and is typical of Carl Bergstens style at the time.



Details



Café chair, Restaurant Strömsholmen Scale 1:10



Dubble doors from café to terrace Scale 1:30



Dubble doors from entrance hall to café Scale 1:30



Dubble doors from small to large dining hall Scale 1:30





Dubble doors from service hallway to kitchen Scale 1:30

Design Strategy Building Volumes

Reintroduce volumes of Restaurant Strömsholmen



Interior balcony railing, café Restaurant Strömsholmen Scale 1:20 Remove volumes which prevent sunlight to reach the park and outlooks on the river.

Rotate to parallell with bridges and city grid. Allow for movement allong axes. Access to park and water.

Each building contain a different main function and create a park space defined by building volumes and suitable for events.



Space Program

RESTAUL

		Outdoor seating	Roof ter
Indoor spaces			-
Restaurant		Dining hall	– Take out co
Dining Hall + Bar	118 m ²	Dining nan	
Private dining	32 m ²		
Kitchen	52 m ²	Bar	
Cold storage			
Dry storage			
Warm kitchen		Hostess station	Installati
Preparation area			
Dishes		Waiting area	Bathroo
Bathrooms	13 m ²	Walung area	Datinoo
Staff	18 m ²		
Changing room / RWC	9 m^2	Entrance	Cloakro
Garbage room	4 m^2		
Technical space	10 m ²		
Communication	55 m^2		
Exhibition	174 m²		EXHIBIT
Conference	21 m ²		
Public bathroom	5 m^2		
Storage	5 m^2	Minula	E1:1:4:
Communication	33 m ²	Mingle area	Exhibition
Technical space	10 m^2		~
1		Entrance	- Public Batl
Café	42 m^2		i usito Duti
Storage (park ranger)	13 m ²		
Outdoor spaces			CAFI
Roof terrace	270 m²		CAFI
	270 111		L
BTA total	730 m ²		
		Entrance	

RANT

rrace	

counter	 Kitchen
	Storage
tions	 Staff
oms	Garbage
oom	Service entrance

TION

n/Event

throom

Terrace Entrance

ΤÉ

seating

Park Storage

Design Proposal ЛВ LA \sim Siteplan 1:400 \oplus









Restaurant







 △ Ground floor plan
 ▽ First floor plan
 1:200 \bigcirc





Exhibition







 $\stackrel{\bigtriangleup}{=} \begin{array}{c} \text{Ground floor plan} \\ \overrightarrow{\quad} & \text{First floor plan} \\ 1:200 \end{array}$













The design proposal consist of a set of three buildings, arranged to be used separately or in collaboration with one an other. Placing them in relation to each other, in a similar configuration as was done in Bergstens design, creates a separation between the park on the west end and the rest of the island. Outdoor events, such as smaller concerts could then be arranged in a visually enclosed space by the buildings and trees, with two clear access points from the west and the south. The two elevated terraces would be suitable for watching an event in the park. Easy access between the park and the restaurant allow for events for larger crowds to extend outdoors.





Section A \bigtriangleup ▽ Section B, Part 1 1:200

Section B, Part 2 1:200









△ Elevation south, Part 1
 ▽ Elevation north, Part 1
 1:200

△ Elevation south, Part 2
 ▽ Elevation north, Part 2
 1:200



Locating the buildings along the north shore opens up the maximum space in the park to the public and create optimal conditions for sunlight to reach the buildings and the park. To let the building actually sit in the water is commonly seen along the river, where the industrial heritage is the most present. Inevitably, the buildings will cast a reflection on the water surface, something that has been an important feature to consider throughout the design process. Bay windows overhanging the water allow for outlooks from the inside and an interesting appearance when viewed from afar. The bay windows in the exhibition building are closed, to open up maximum wall area for exhibition and create an experience of changing light and shadows over the course of the day.

The floor plan is based on a strict grid of 2,4 by 2,4 m, which create a facade rhythm similar to the principle of Restaurant Strömsholmen. Bergstens restaurant had areas painted darker framing the facade openings, something that has been referenced to through the brick configuration. A heavier brick facade on the first floor is followed by a lighter wooden upper part. The center of the exhibition space as well as the dining hall has an atrium which creates a greater space where natural light is pouring in from above. As an extension from the dining hall is an outdoor terrace which is reached by the afternoon and evening sunlight.

A secondary entrance to the exhibition building allow for access to the roof terrace during longer hours than the rest of the functions are in service. Access to the main exhibition space can be closed off and pedestrians passing through the park can enjoy a greater view over Motala Ström and the city on their walk.



△ Elevation west
 ▽ Elevation east
 1:200

Exploded view 1:200



71







Roof structure principle 1:200









Elevation \bigtriangleup \bigtriangledown Horizontal section 1:50





A - Roof construction

8	Metal sheet
4	Waterproofing membrane
22	Wood planks
70x550-210	Wood truss cc 600
	Stonewool insulation
45	Stonewool insulation
18	Gypsum board
140x400	Glulam beam

Λ

3

4

B - Terrace construction

30	Ground tiles
22	Supporting structure
4	Waterproofing membrane
100-180	Plastic foam board
190	Wooden joist cc 600
	Stonewool insulation
12	Wooden board
150	Installation space
22	Suspended ceiling





C - Base construction		D - Wall	D - Wall construction			
62	Floor tiles		Finish face lime color	1	Metal railing 1100 mm	
6	Waterproofing membrane	9+9	Gypsum board	2	Parapet capping	
	Underfloor heating	45	Stonewool insulation	3	Wooden board	
250	Concrete		Waterproofing membrane	4	Glulam pillar 240x240	
190	Wooden joist cc 600	170	Wooden joist cc 600	5	Drainage pipe	
300	Plastic foam board		Stonewool insulation	6	Friction pile (<50 m deep)	
~200	Gravel	45	Stonewool insulation	7	Sheet metal gutter	
		9	Wind board	8	Water drainage	
		30	Air gap		U U	
		120	Brick			

1:20

76



Horizontal detail

Discussion

The questions being asked are what the best way to reintroduce a public building to Strömsholmen would be, having the unique qualities and rich history of the site in mind. Followed by how the qualities of Carl Bergstens work could be referenced to, in order to contribute to a contemporary public building.

Throughout the thesis process the biggest challenge has been to understand what it is to, in a design propose references to an architect who left a mark in the Swedish architectural history about 100 years ago. There is a difference between designing a building "in the spirit of" an architect and to design to pay tribute to someone. Carl Bergsten was a pioneer in many ways, especially when introducing ideas of Wiener Jugend to Norrköping and Sweden during his early career. Colleges and the general public described his design as completely foreign, like "something from the moon had landed", and somewhat controversial. To design a new building today, could thereby be to design something radical and completely new.

Instead I decided to thoroughly investigate the qualities presented in Bergstens design through archive material. One of the ambitions presented by the municipality for the citys further development is to even more clearly display what Norrköpings DNA is. A way of doing so would then be to design a public building on an important spot in the central parts of the city, and let it be influenced by the design of an architect who has been an important part of the citys identity. An other important part has been to make the design as available to the public as possible. All functions introduced are welcoming the general public but the strategy has been to offer qualities also without having to pay money. An example of this is to keep as much as possible of the park open, and not arranging any permanent seating for the restaurant in the park. The park as well as the generous docks on the water should be used for spontaneous picknicks and leisure. An other part of this strategy is to open the roof terrace on the exhibition building without tying it to the actual exhibition.

The ambition has been to find qualities in all scales of Bergstens design and reimplement them in a proposal suitable for a contemporary context. Similarities in the placement on the site is that both designs are located along the north shore and have access points from the south and from the east. In the restaurant and the exhibition a great space with natural light from above is presented in the center, just like the central nave of Bergstens café. Both buildings have a readable construction of wood, resting on a heavy base of brick and concrete. On the detailed level, the "green linoleum" flooring has been interpreted as a green brick, recurring in the interior, on the terrace and in the exterior.

The main differences would be that we today desire sunlight. Which is the reson why I didn't find it suitable to build on the very west end. With the ability to find shade on the terraces, they are in the proposal optimal for sunlight. Suitable for a project paying tribute to a former summer restaurant.

Bibliography

IMAGES

Fig. 1.	Restaurant Strömsholmen, Authors illustration, watercolor, 2021
Fig. 2.	View over Strömsholmen 1770s, Norrköping city library, available at: (https://nsbbokning.norrkoping.se/web/ bildarkiv/bilder2.asp?Sok=B01089)
Fig. 3.	North quay, west end Strömsholmen, Norrköping city library, available at: (https://nsbbokning.norrkoping.se/web/ bildarkiv/bilder2.asp?Sok=B01040)
Fig. 4.	Strömsholmen 1850s, Norrköping city archive
Fig. 5.	Music pavilion Strömsholmen, 1901, C. Krisson, Norrköping
Fig. 6.	Norrköpings Roddklubb, Norrköping city library, available at: (https://nsbbokning.norrkoping.se/web/bildarkiv/ bilder2.asp?Sok=by2021)
Fig. 7.	Restaurant Strömsholmen after the fire, 1939, Norrköping city archive
Fig. 8-9.	Restaurant 1970s, Norrköping city archive
Fig. 10-11.	Strömsholmen, 2020, Authors photo
Fig. 12.	Restaurant Strömsholmen, Norrköping city archive
Fig. 13.	Entrance Art pavilion, 1906, Östergötlands museum, available at: (https://digitaltmuseum.se/021018495561/ norrkoping-utstallningen-sedt-fran-syltenbergen)
Fig. 14.	Entrance doors Gothenburg City Theatre, Authors illustration, watercolor, 2021
Fig. 15.	Bergsten Carl, 1908, Strömholmens sommarrestaurang i Norrköping, Nummer 6, s. 68-71, Tidskriften Arkitektur
Fig. 16.	Strömsholmens café 1906, available at: (https://balstaauktionshall.nu/objekt/ fotografistr%C3%B6msholmens-restaurang-1906/13523)
Fig. 17.	Bergsten Carl, 1908, Strömholmens sommarrestaurang i Norrköping, Nummer 6, s. 68-71, Tidskriften Arkitektur
Fig. 18.	Restaurang Strömsholmen, Östergötlands museum, available at: (https://digitaltmuseum.se/021017917722/ norrkoping-stromsholmen)

INTERVIEW

Karin Milles, City architect, Norrköping munincipality, interview, 2021-02-12

ONLINE SOURCES

Norrköpings kommun - Tekniska nämnden, 2005, Gestaltningsprogram Norrköping vid Strömmen. Available at: https://www.norrkoping.se/ download/18.3ef6b1d158f1bd46e11f52b/1490599001124/Gestaltningsprogram-Vid-Strommen.pdf [Accessed: 2021-03-15]

DM (Digitalt Museum), 2019, Norrköping. Strömsholmen., Östergötlands Museum, Available at: https://digitaltmuseum.se/021017917751/norrkopingstromsholmen [Accessed: 2021-03-10]

Droste, Heiko, 2008, Stads- och kommunhistoriska institutet, Norrköpings Historia, Available at: http://ortshistoria.se/stad/norrkoping/historia [Accessed: 2021-03-02] Sveriges Geologiska Undersökning, 2021, Jorddjup, Available at: https:// apps.sgu.se/kartvisare/kartvisare-jorddjup.html [Accessed: 2021-05-02]

BOOKS/PUBLICATIONS

Bergsten, Carl, 1908, Strömholmens sommarrestaurang i Norrköping, Nummer 6, s. 68-71, Tidskriften Arkitektur

Festin, Bonnie. 2005. Carl Bergsten - En arkitekt och hans former. Norrköpings Stadsmuseum in collaboration with Jerhammar & Co Reklambyrå

Hultberg, Per-Åke, Hultberg, Samuel, 2016, *Nu skapar vi en unik vattennära mötesplats att njuta av*, Nya Norrköping, Active MediaPartner Nordic AB, Available at: http://nyanorrkoping.se/assets/norrkoping.pdf [Accessed: 2021-03-15]

Johansson, Bengt O.H., Norrköpings Museum, *Minnesutställning Sommaren* 1964, Carl Bergsten 1879-1935, 1964, Johanson & Eklund Tryckeri AB, Norrköping 1964

Johansson, Bengt O.H., Med Egna Vågor - om Carl Bergsten arkitekt 1879-1935, 2019, Arkitektur Förlag, Göteborgstryckeriet 2019

Malmström, Maya, Lindh, Åsa, 1988, Carl Bergsten - Samtida strömningar och inspiration från Wienerjugend, Examensarbete i Arkitekturens Teori och Historia, CTH

Nordström, Jan, 2011, *Nya Idéer för Strömsholmen*, Folkbladet. Available at: https://folkbladet.se/nyheter/artikel.aspx?articleid=5659561 [Accessed: 2021-03-10]