Liikkuvan Arjen Design

BICYCLE PARKING

LAD PROJECT FALL 2012 / BICYCLE PARKING

JUUSO ANDERSIN / JANNICA JAHNSSON / SONJA SKOGSTER / MAXIME RICHARD

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Our aim in this project is to develop bicycle parking and storage solutions in Helsinki. We have explored bicycle parking solutions on the internet and in central Helsinki. The main goal is to invent new and innovative concepts. The significant problem in Helsinki is the lack of safe and funtional bicycle parking, and therefore it is in our interest to approach the problem from this angle.

SOURCES AND MATERIAL

DESIGN AND MANAGEMENT OF BICYCLE PARKING

http://www.toronto.ca/planning/pdf/bicycle_parking_guidelines_final_may08.pdf

http://www.hel.fi/hki/ksv/fi/Liikennesuunnittelu/Pyoraily

http://www.valpastin.fi/4

http://jyps.info/pyoraily/laadukkaat-pyoraparkit

CRIME PREVENTION

http://www.rikoksentorjunta.fi/Etusivu/Rikoksentorjunta/Rikoksentorjunnanstrategiat/Sosiaalinenehkaiseminen

http://www.pk-rh.com/riskilajit/rikosriskit/rikosriskien-ennaltaehkaisy.html

JOURNEY PLANNER FOR CYCLISTS

http://pk.hsl.fi/

SOURCES AND MATERIAL

MCDONALD'S CYCLE CENTER

http://www.treehugger.com/bikes/chicagos-awesome-mcdonalds-cycle-center-video-tour.html

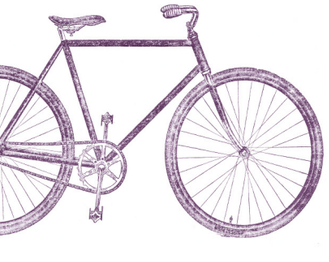
VIDEO JAPANISSA SIJAITSEVASTA PYÖRÄPARKISTA

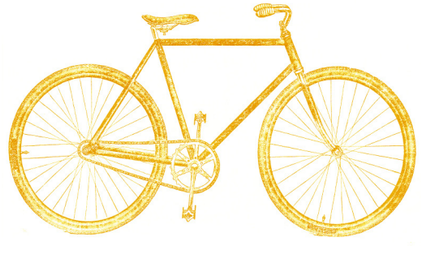
http://www.copenhagenize.com/2010/01/japanese-bicycle-parking-technology.html

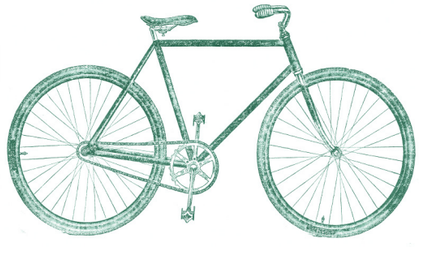
VIDEO SVEITSISSÄ SIJAITSEVASTA PYÖRÄPARKISTA

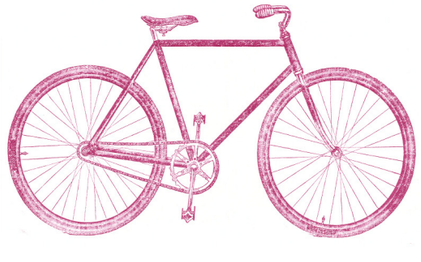
http://www.youtube.com/watch?v=OcSD5MsQuVo

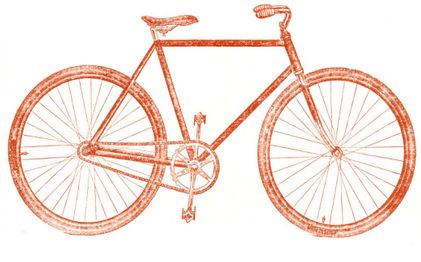
Carluccio's

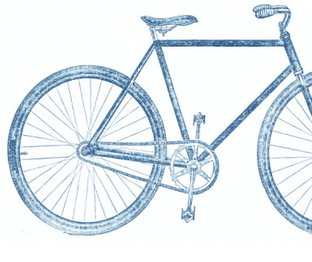






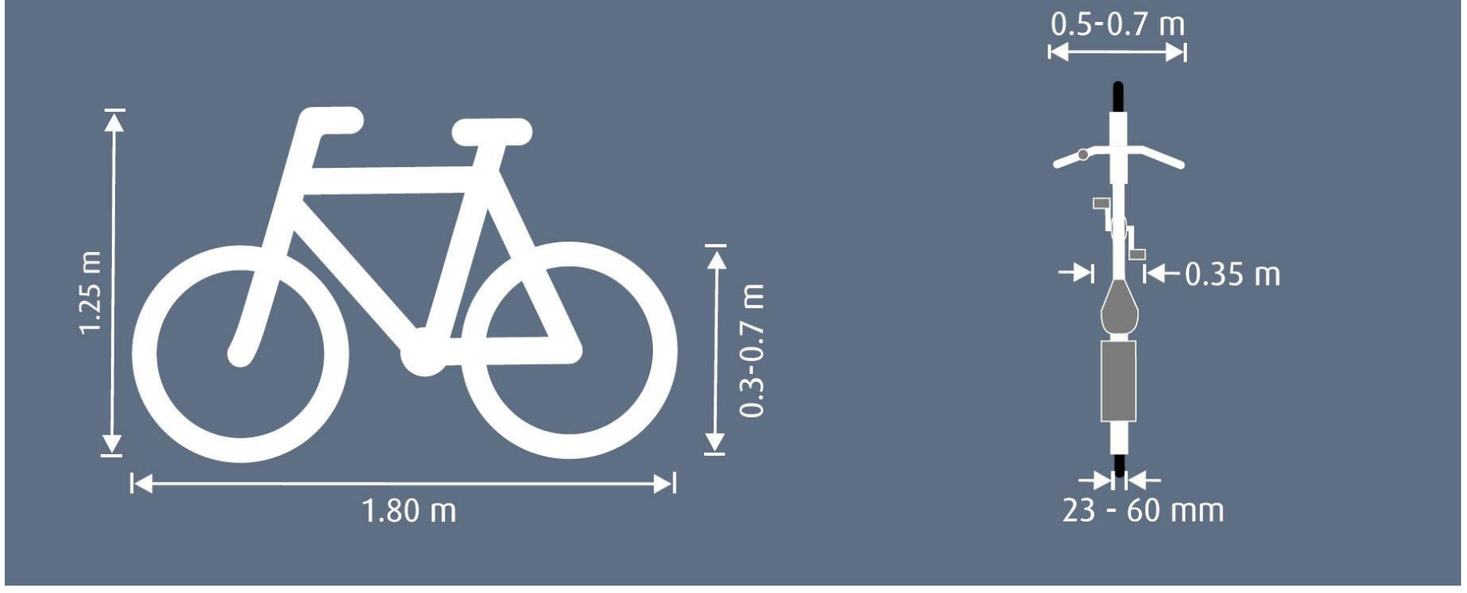






I ♥ NY
BROOKLYN

Basic bicycle dimensions



SCHEDULE

week 35	action plan, bench marking
week 36	mindmapping, researching and understanding the problem areas
week 37	researching and discussing
week 38	concepting
week 39	concepting
week 40	finishing and implementation
week 41	presentation

PLAN OF ACTIONS

WHO ORDERS / MEANING OF THE PROJECT / TARGET GROUP

Our aim in this project is to develop bicycle parking for the city of Helsinki. The main goal is to invent new and innovative concepts. The significant problem in Helsinki is the lack of safe and functional bicycle parking and therefore it is in our interest to approach the problem from this angle.

We want to invent and offer safe bicycle storage opportunities that are easy and fast to use. We are also looking for a way to prevent vandalism towards bicycle parking areas; by minimizing the excitement and temptation to steal or break the bicycles.

Cycling in Helsinki increases all the time and the city can’t answer to the growing need for bicycle parks with current solutions.
This project is intended for all. Every biker in Helsinki has a need to store and park bicycle. Tourists who have rented a bicycle have the same need, so this project is not only for people living in Helsinki.

PLAN OF ACTIONS

GOALS / RESULT / DIFFERENCE TO EXISTING PRODUCTS / METHODS

- We want to develop a working concept and/or a product and if it's good -> model
- The product has to be functional, good looking and implemented (realistic)
- Difference to already existing products: more organized, "bring it to a new level", easy to use, stronger impact on visibility, serving its meaning depending on where it is located.
- The methods we are going use in designing new concepts are based on our own experiences and on the research we have found from the internet. We are going to concentrate on volume parking in Helsinki.

PLAN OF ACTIONS

DIVIDING TASKS / RESPONSIBILITY AREAS

Industrial Design:
Juuso Andersin and Maxime Richard

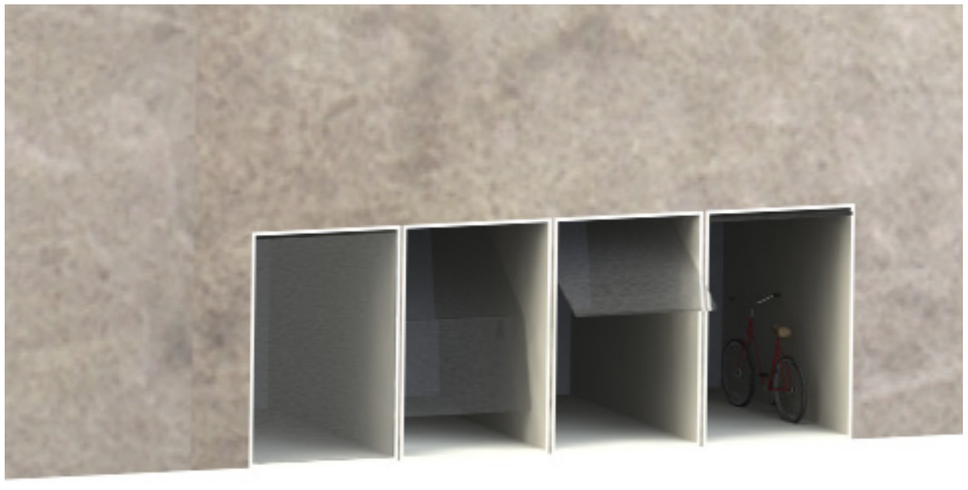
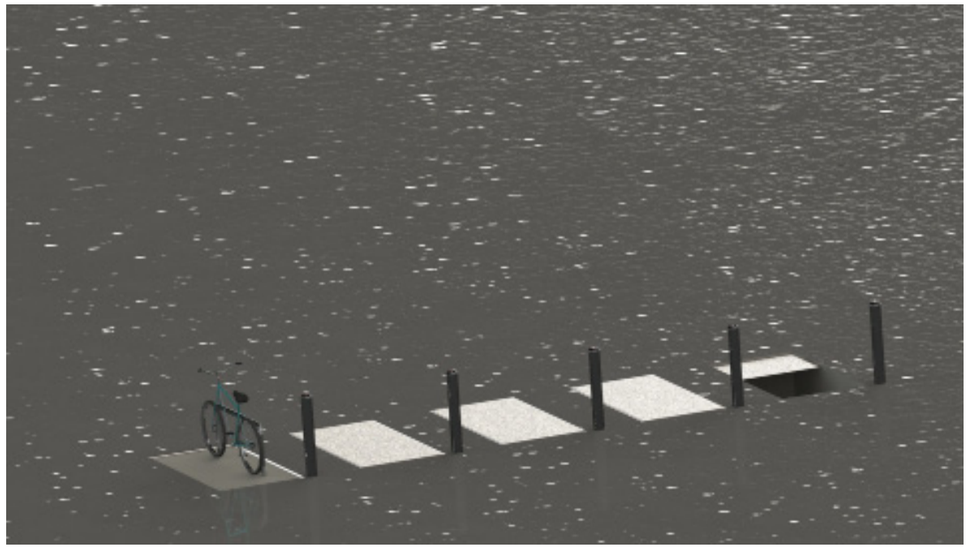
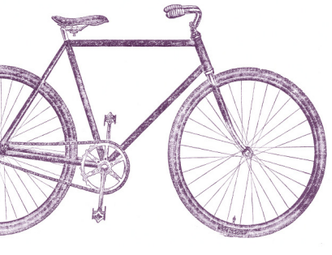
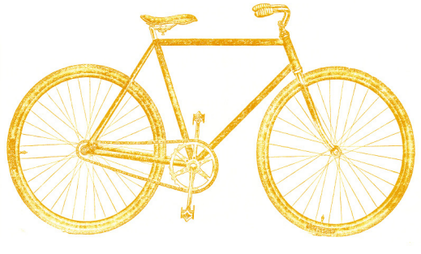
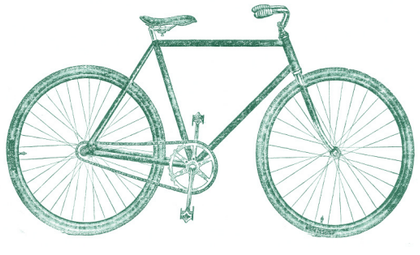
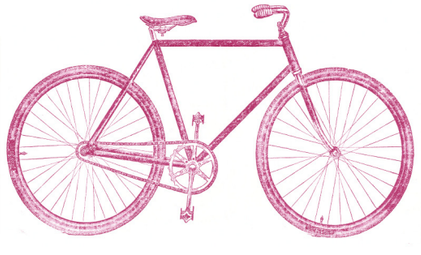
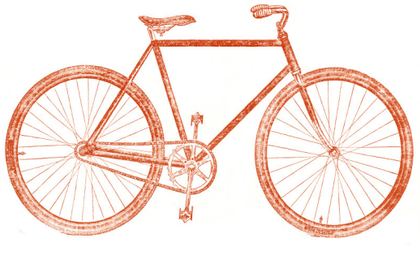
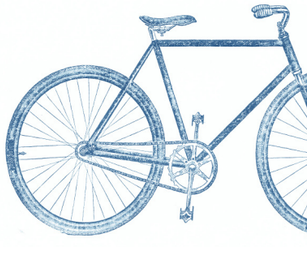
- product design
- material research
- technique
- studying the prevention of crimes

Interior Design:
Sonja Skogster and Jannica Jahnsson

- researching the traffic and infrastructure from a bikers point of view
- combining the product and the space
- designing the atmosphere and the look
- sketching

PLAN OF ACTIONS

HOW TO CONTROL CHANGES AND RISKS IN THE PROJECT

The most common thing to do wrong in this kind of project is to design too many concepts taking none of them futher. An other usual problem is the lack of background research. What do users want and what are the key factors in designing the bicycle storing solution.

The solution to prevent problems like mentioned above is to stop concepting early enough, leaving time to improve those concepts chosen to work with. The other solutions for dealing with the lack of background research is simply to plan the research properly and focus on the important factors like what do users want and what kind of solutions can be produced, preventing useless work and saving in the costs.