

ALTERNATIV SITE

- Industry site - Trondheim, Oslo, Tønsberg
- Nyhavna (Trondheim)
- Stensarmen (Tønsberg)

Transformation on an industrial site

- Transformation of existing structure with not high historical value



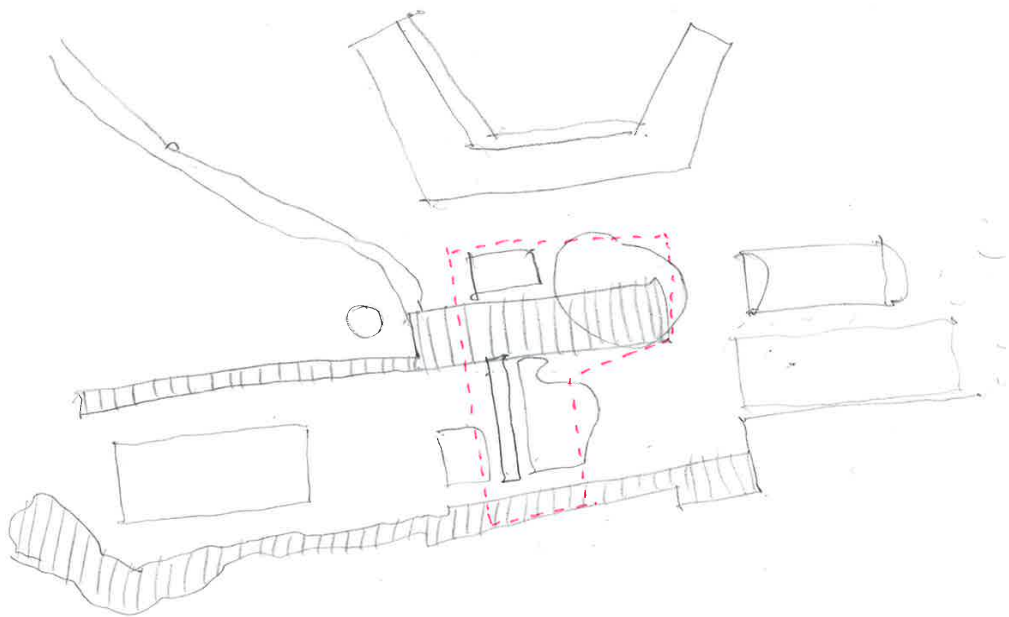
Industrial transformation area. Nyhavna Trondheim, Norge



Industrial transformation area. Stensarmen Tønsberg, Norge

SUMMER

Tomtbefaring juli 2017



First sketch of the site



WEEK 1

EXISTING DRAWINGS AND SITE

UKE 1

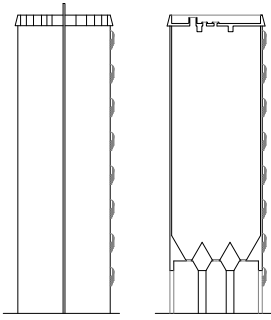
pre-diplom
foto og tomtbefaring

Hvordan jobbe med byplanen
large - medium - small

ved masterplan var tanken bolig og kultur
- avgrense site

- Eksisterende strukturer
opptegning og verdisetting

historiske lag
- vanngrense



Silo bygg:

Byggeår 1961, høyt silobygg som markerer seg i bysituasjonen.

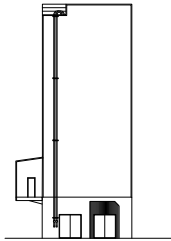
Bevaringsverdi: Høy



Tønsberg spedisjon, lager og kontor:

Byggeår 1971, invendige konstruksjoner vurderes som interessante å bevare.

Bevaringsverdi: Medium



Betong blande tårn:

Byggeår 1989, høy silobygg som markerer seg i bysituasjonene.

Bevaringsverdi: Høy



Lager hall:

Byggeår 2006, rød stål lagerhall, utmerker seg i sin form.

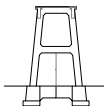
Bevaringsverdi: Medium



Kontorbygg:

Byggeår 1990, rød malt tre og mur bygg. Bryter med typologien i området, ukjent arkitekt

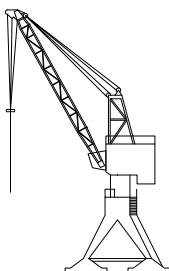
Bevaringsverdi: Lav



Kranbane:

Byggeår 1939, eldste elementet på stedet (fra den tiden det var kull lager drift på tomten), konstruksjonene er retningadannede i situasjonene.

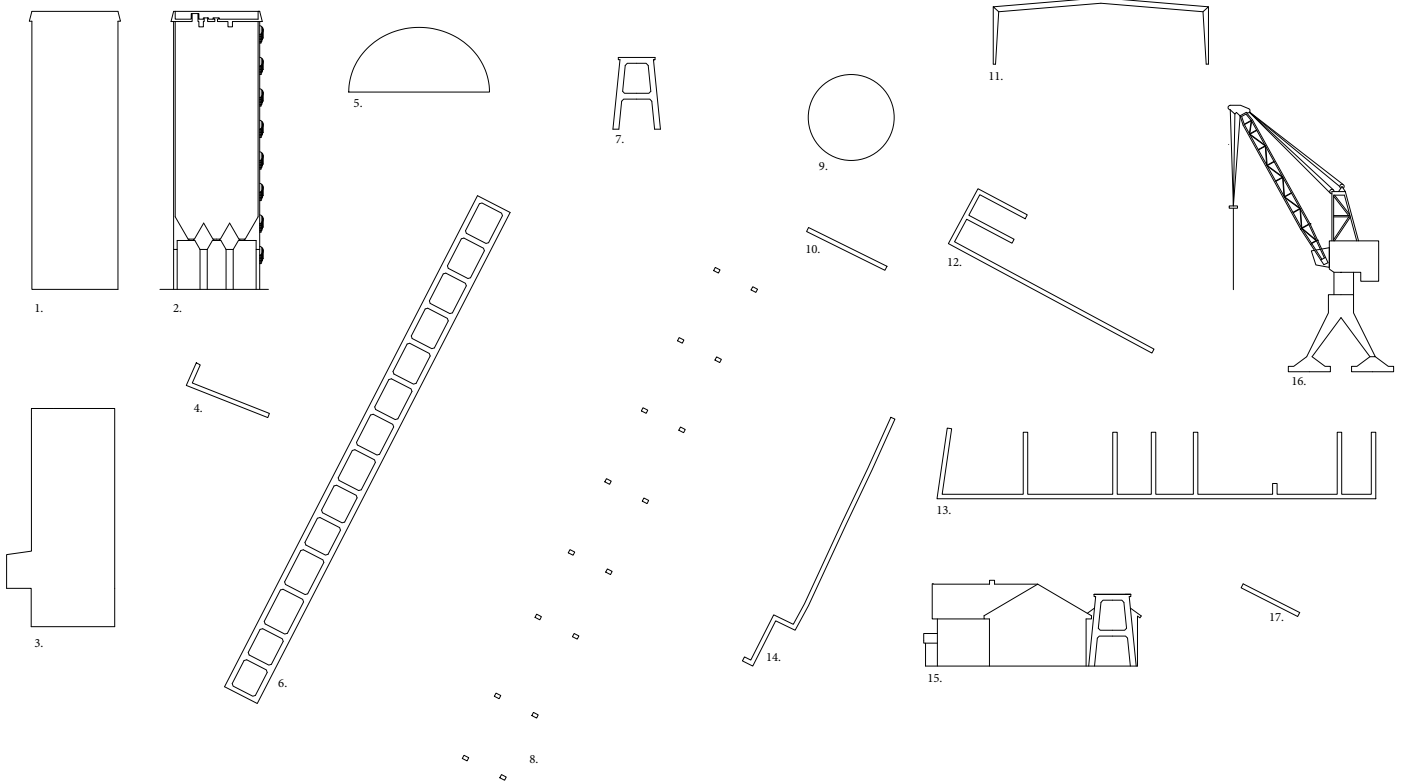
Bevaringsverdi: Lav



Kran:

Byggeår ukjent, høyeste elementet på stedet, markerer seg i bysituasjonen.

Bevaringsverdi: Høy



- 1. Oppriss av silo, 1961
- 2. Snitt av silo
- 3. Oppriss av blandetårn, 1989
- 4. Plan av lav mur
- 5. Oppriss av lagerhall, 20016
- 6. Takplan av kranbane, 1939
- 7. Oppriss av kranbane
- 8. Plan av kranbane
- 9. Plan av silo
- 10. Plan av mur
- 11. Oppriss av lager, 1971
- 12. Plan av mur
- 13. Plan av mur
- 14. Plan av mur
- 15. Oppriss av kontorbygg, 1990
- 16. Kran
- 17. Plan av mur

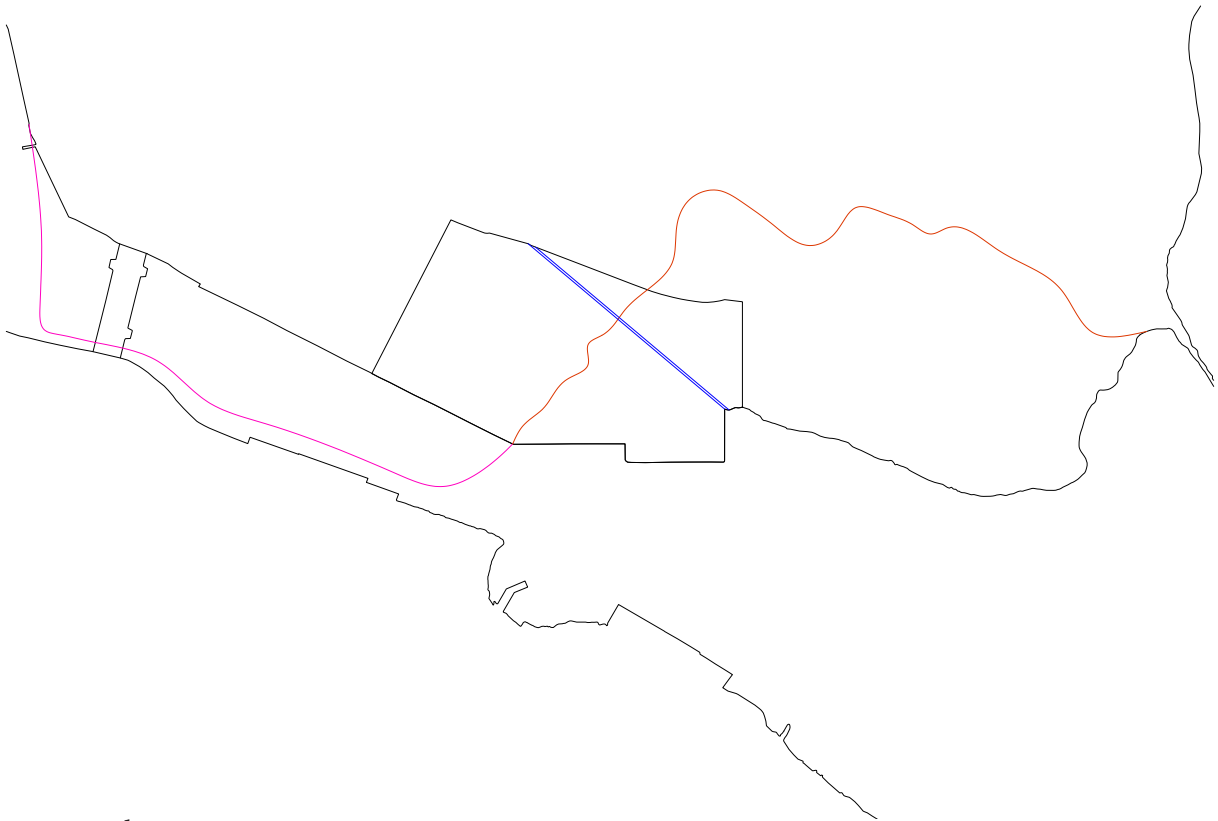




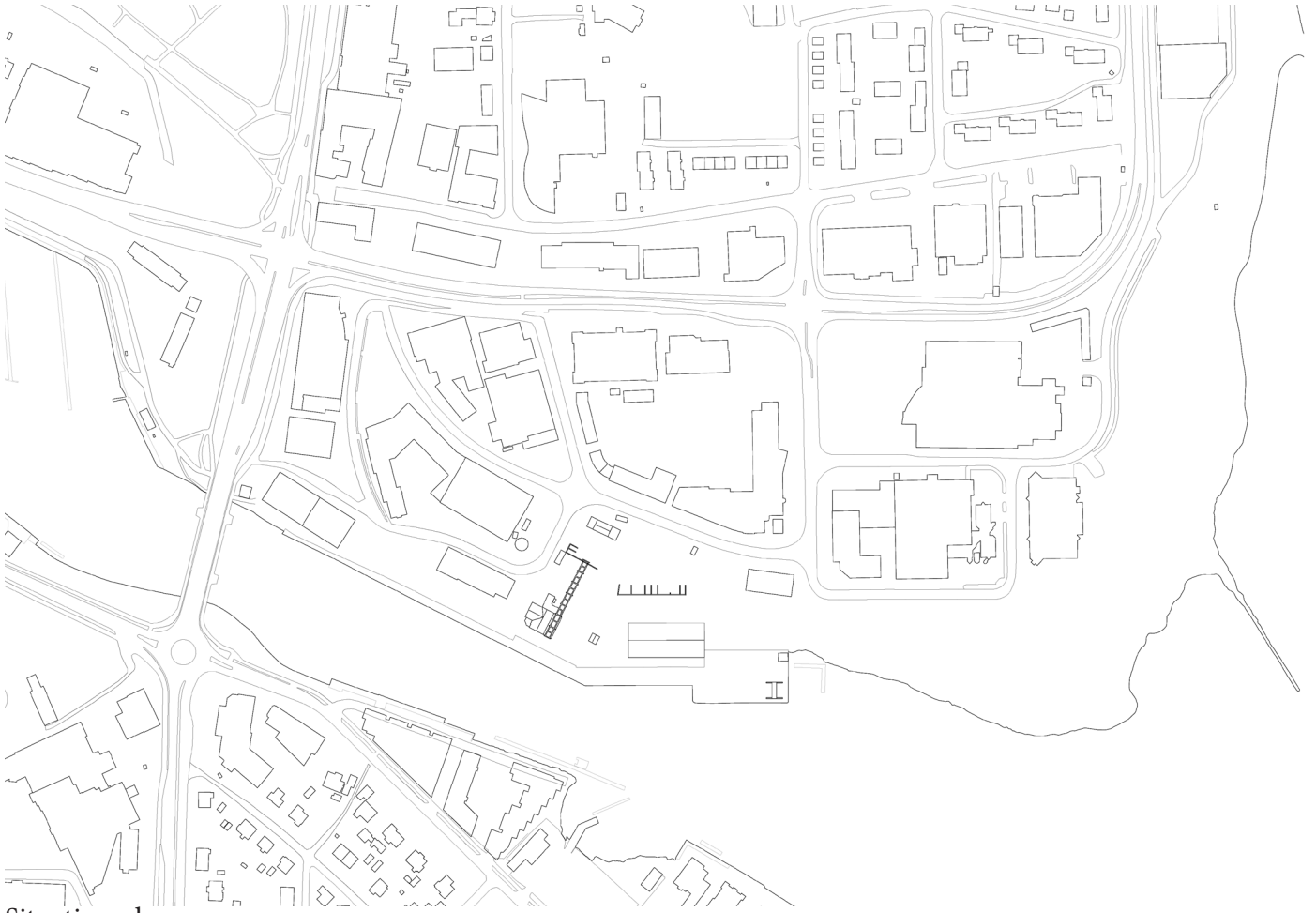
map 1956



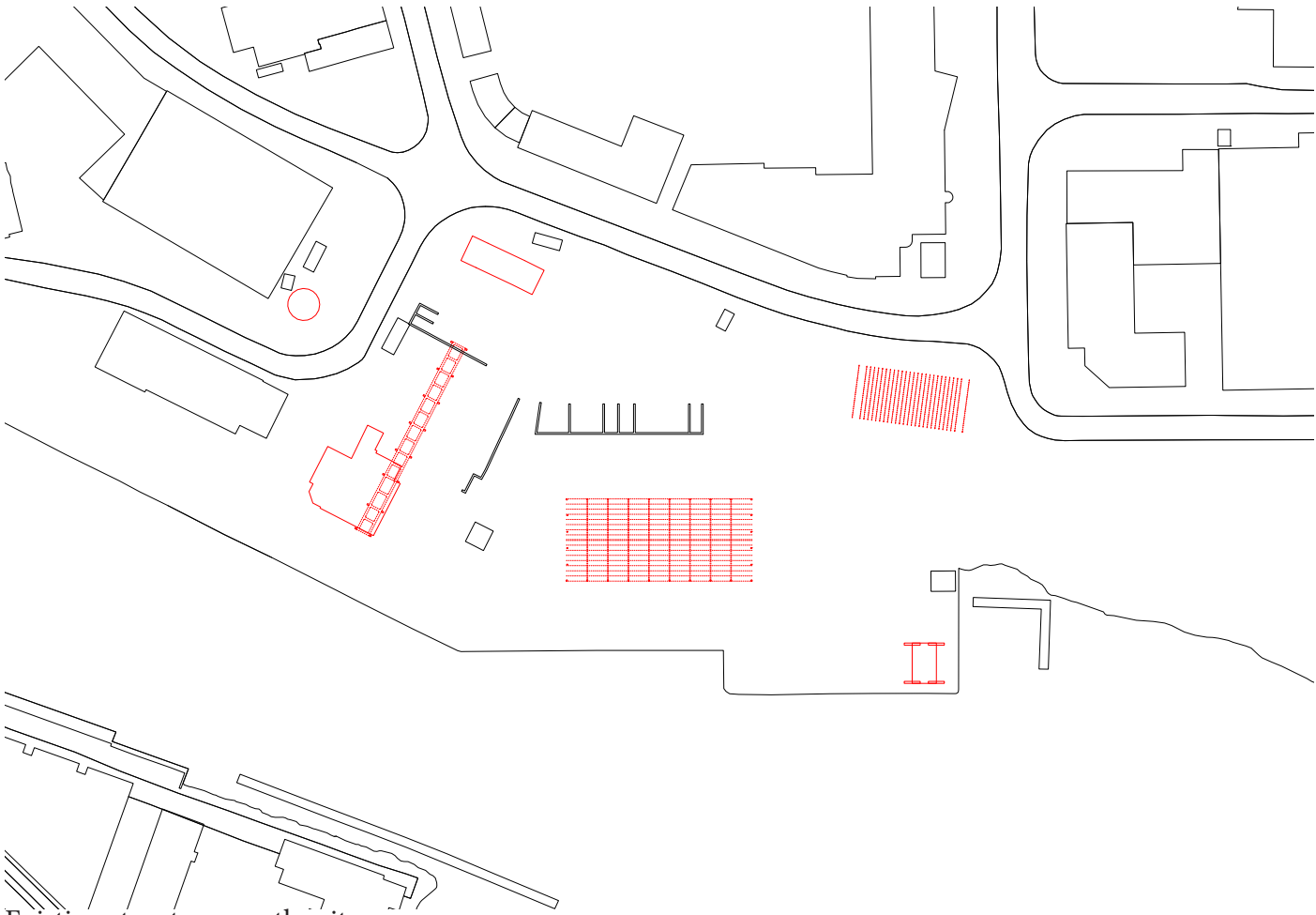
map 2017



Historical traces on site



Situation plan



Existing structures on the site

WEEK 2

CONSEPT AND SITE MODELS

UKE 2

Prosjekt **- innfallsvinkler til prosjektet**

L´hotel Particuler Bouveais - Reisen igjennom teateret

Lacaton y vassal Teateret - Et bygg med eksisterende strukturer inne.

Villa Lante Akkupunktur

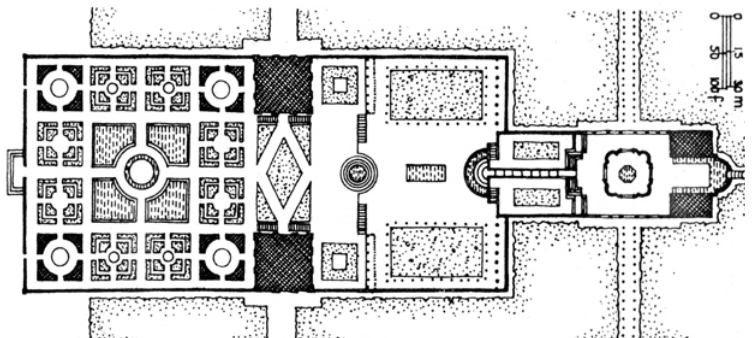
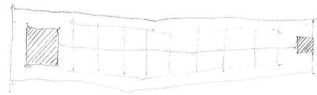
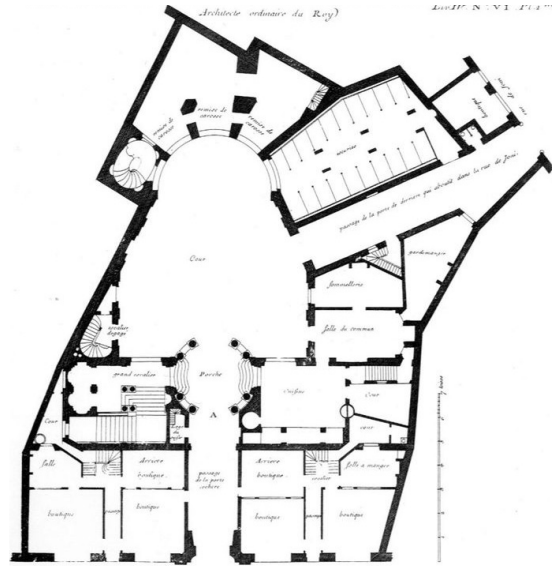
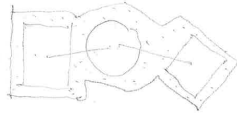
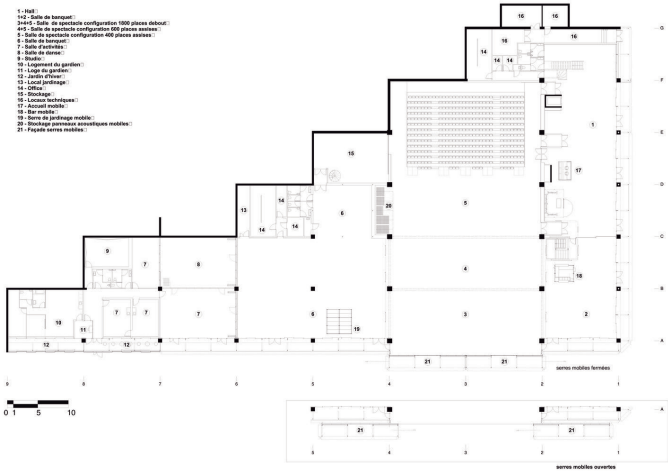
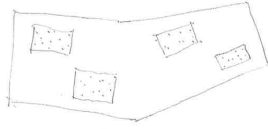
Parc de la Villet - Bernard Tschumi

John Hejduk - Victims

UKE 2

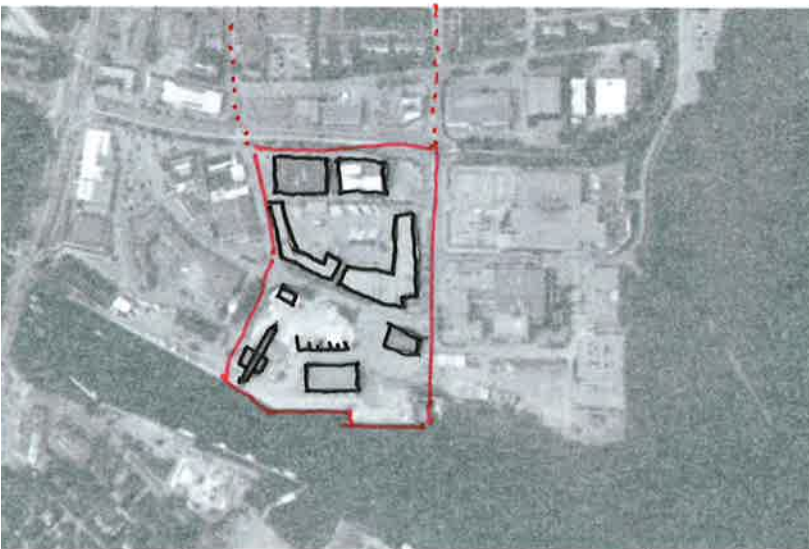
Tomt

- avgrenser tomten
- Tar et valg om å teaterprogrammet rundt de eksisterende strukturene. Prosjektbasert utvikling. Vi skal utvikle teater. Resten av byen møter prosjektet senere.





Industrial transformation area

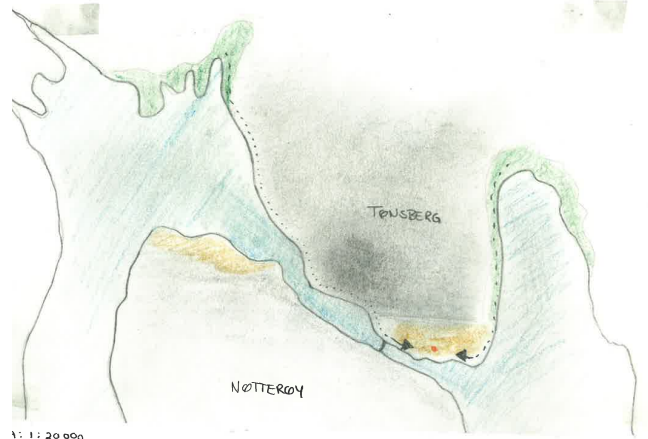
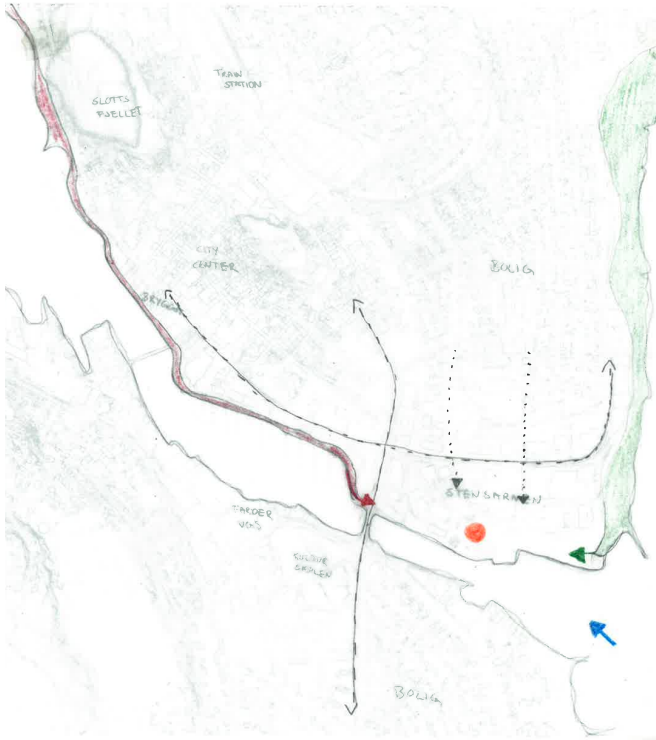


Masterplan area



Teater site

TØNSBERG

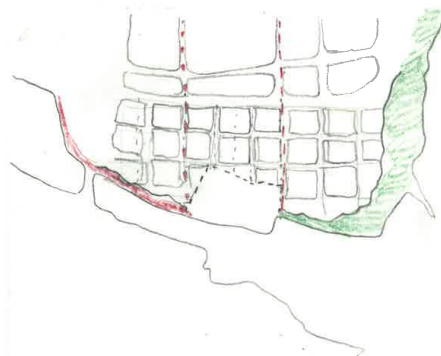
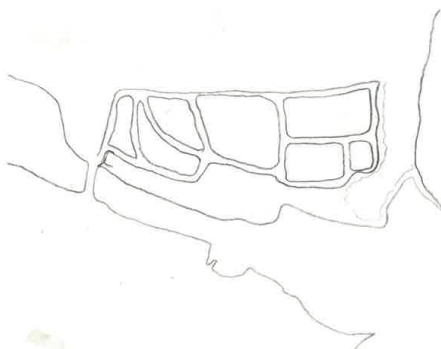
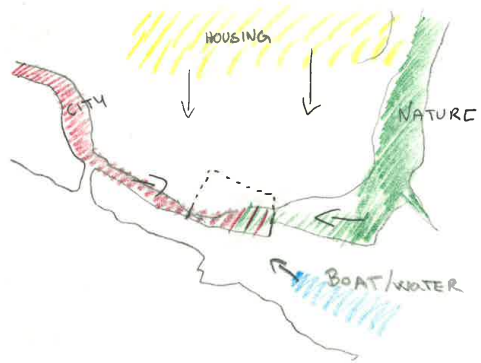


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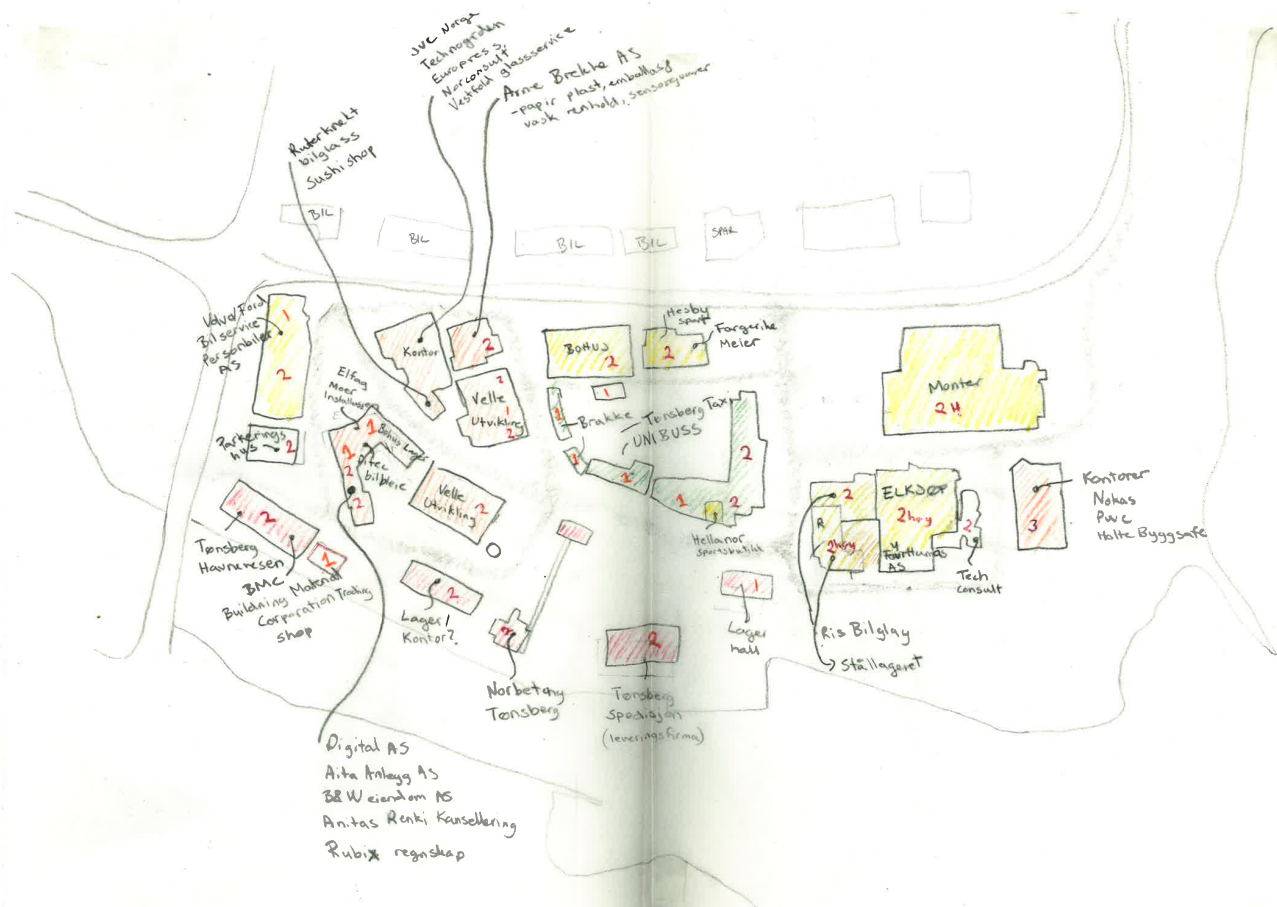
- The citycenter
- The canal
- Nature reserve
- Industry area!

SITE
 Industry area, old concrete
 factory,
 east-tip of the land
 a new part of the city

Inhabits	
Tønsberg	46000
Notterøy	22000
Tjøme	15000



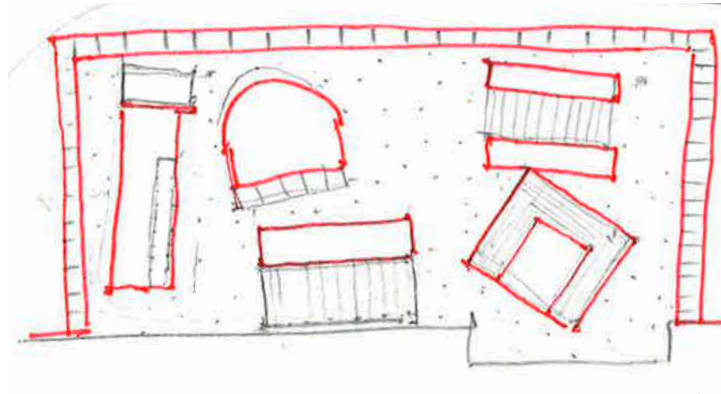
Site analysis



Programs on Stensarmen today

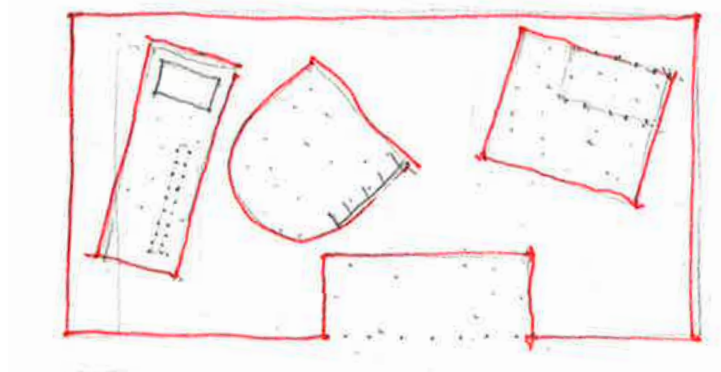
WEEK 3

CONCEPT AND SITE MODELS



Frie objekter i “parken”

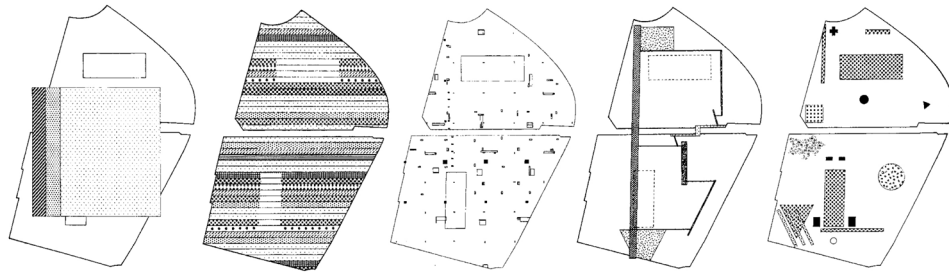
De eksisterende objektene definerer den nye arkitekturen gjennom transformasjon og ekspansjon. “Rammen” definerer en klar avgrensning av tomten. Man entrer prosjektet gjennom “rammen”.



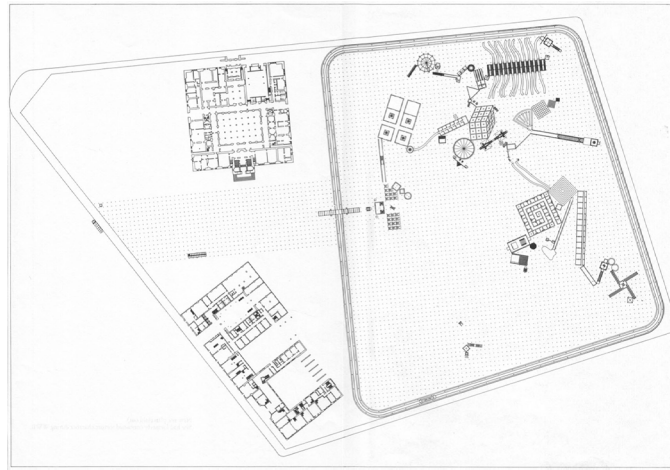
Et volum

Volumet dannes gjennom subtraksjon. De eksisterende strukturer blir stående i atriumer inne i volumet. En skånsom bevaring av eksisterende strukturer.

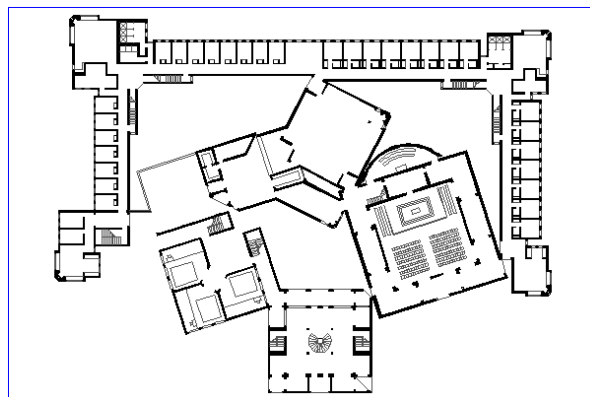
Frie objekter i "parken"



Bernard Tschumi - Parc de la Villette



John Hejduk - "Victims"

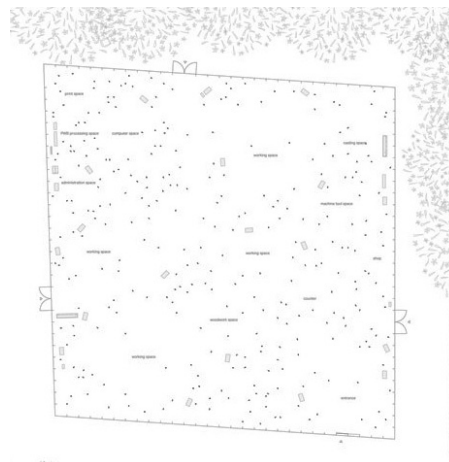


Louis Kahn - Motherhous

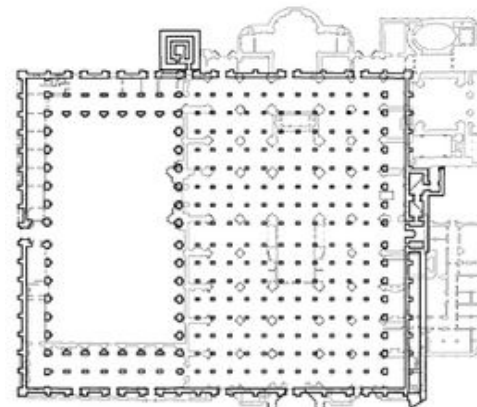
Et volum



Sana -



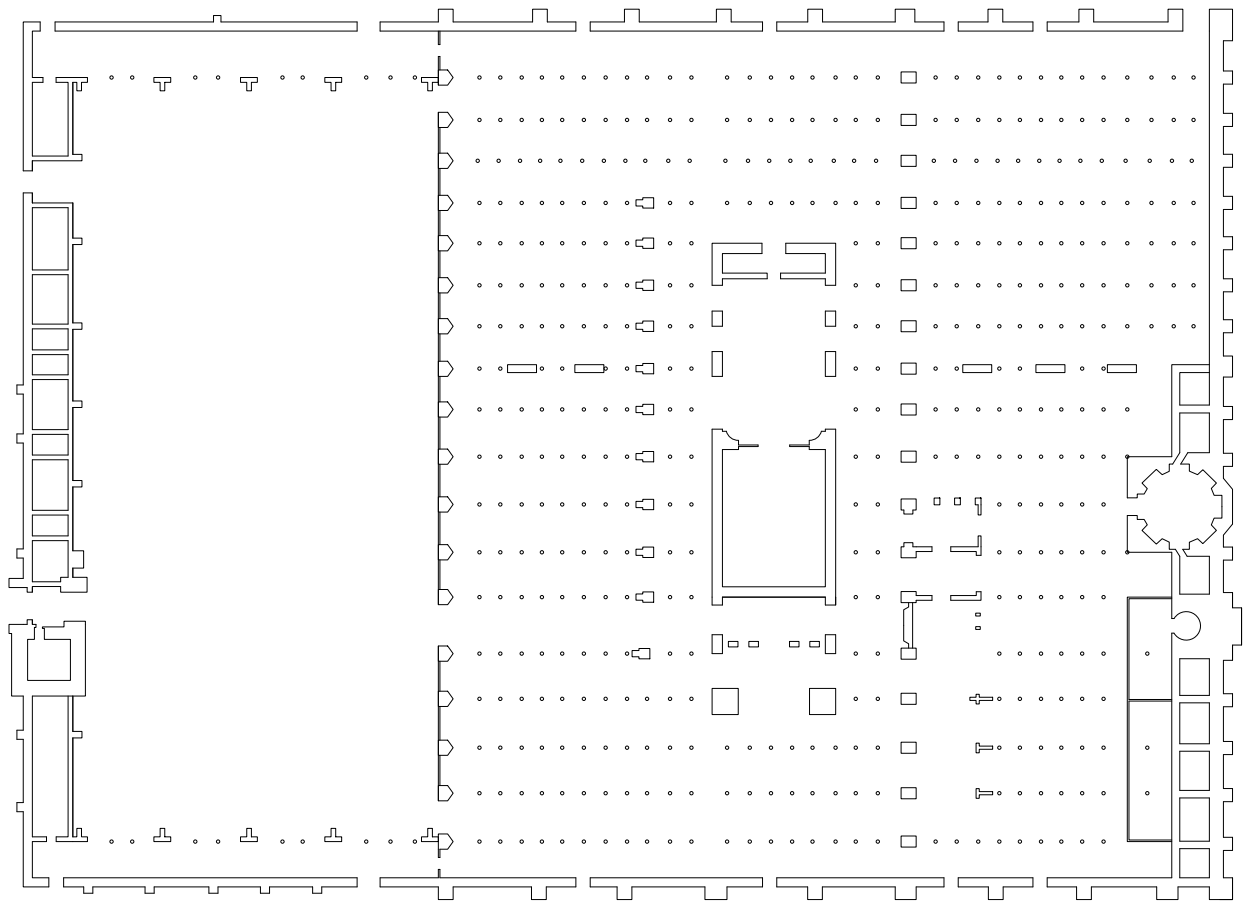
Ishigami -



Great Mosque of Cordoba -

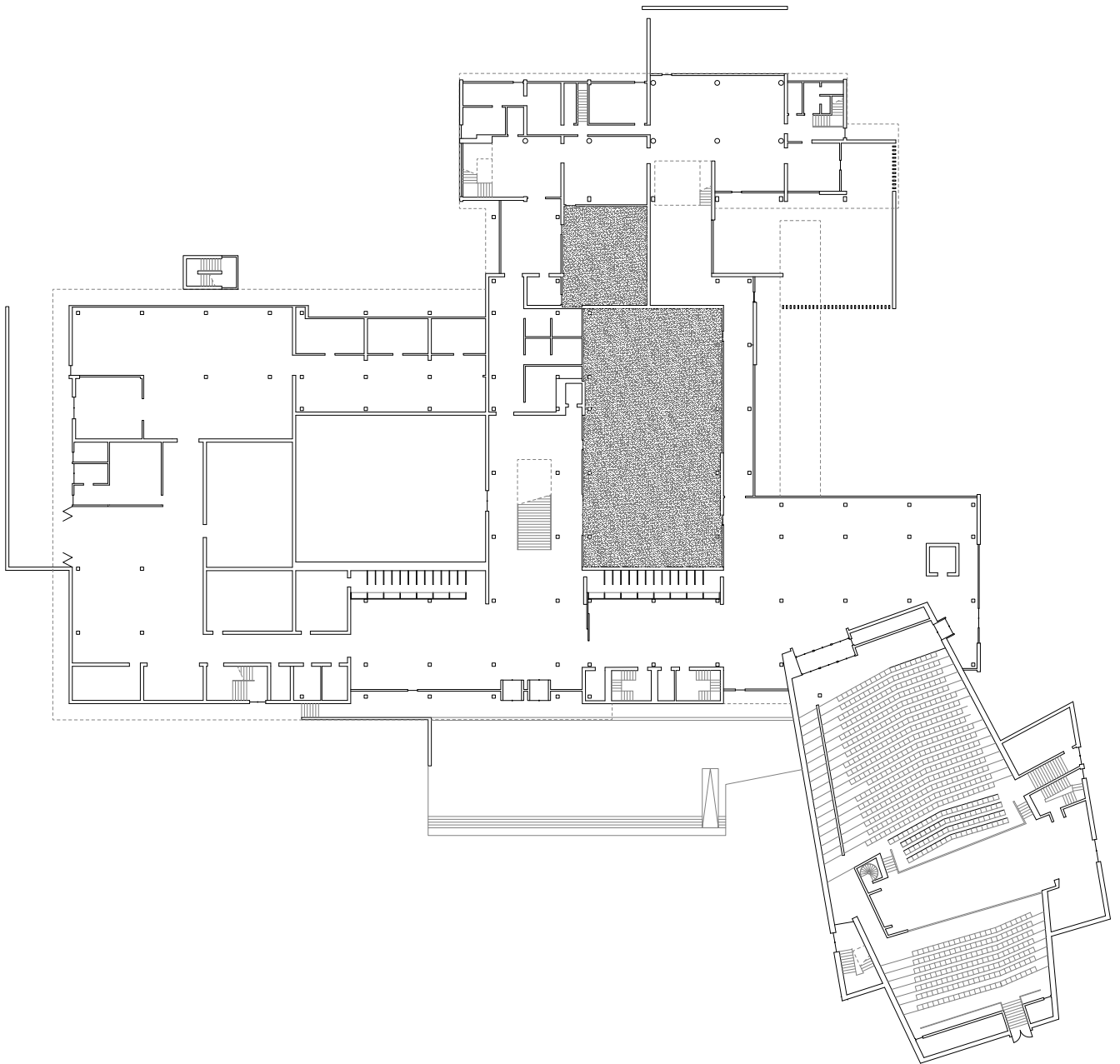


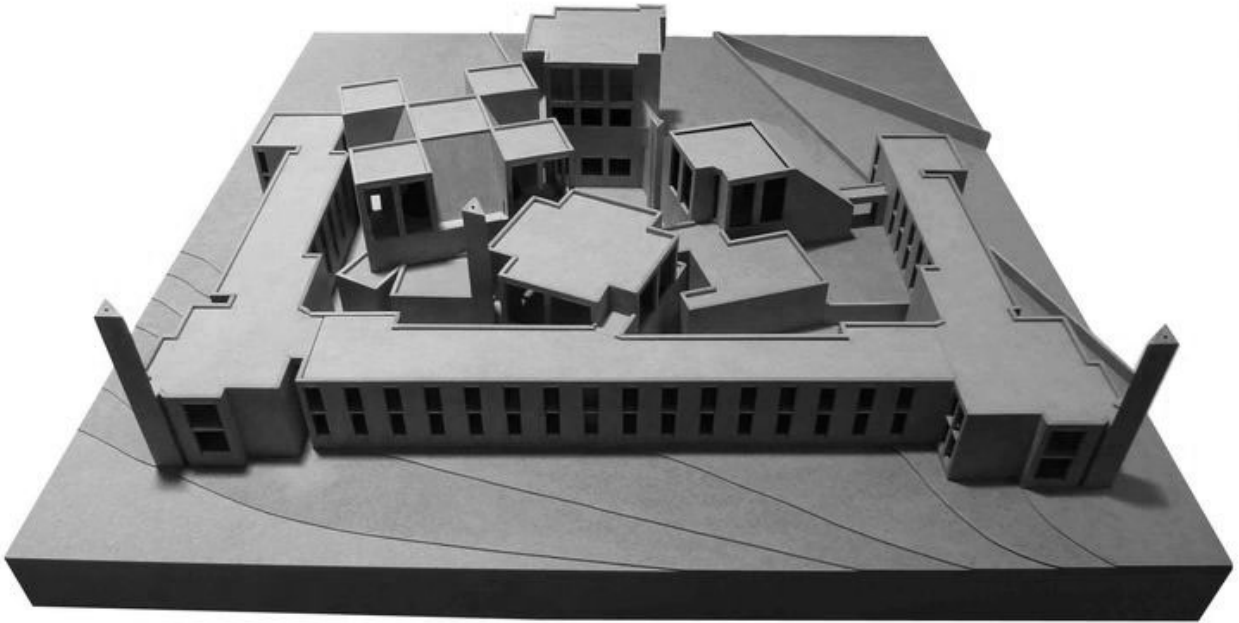
Case studi
Great Mosque of Cordoba



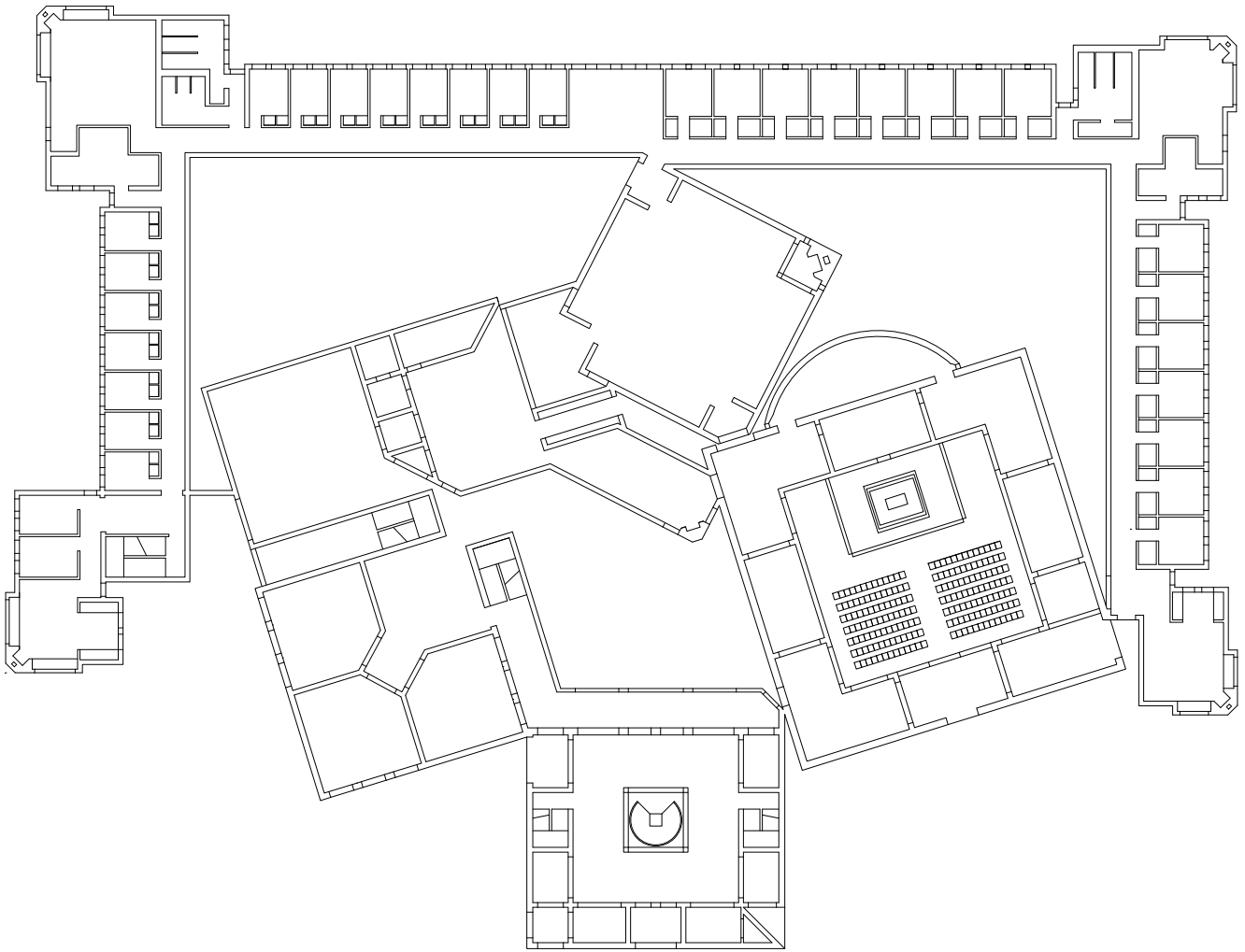


Case studi
Akademie der künste studioban



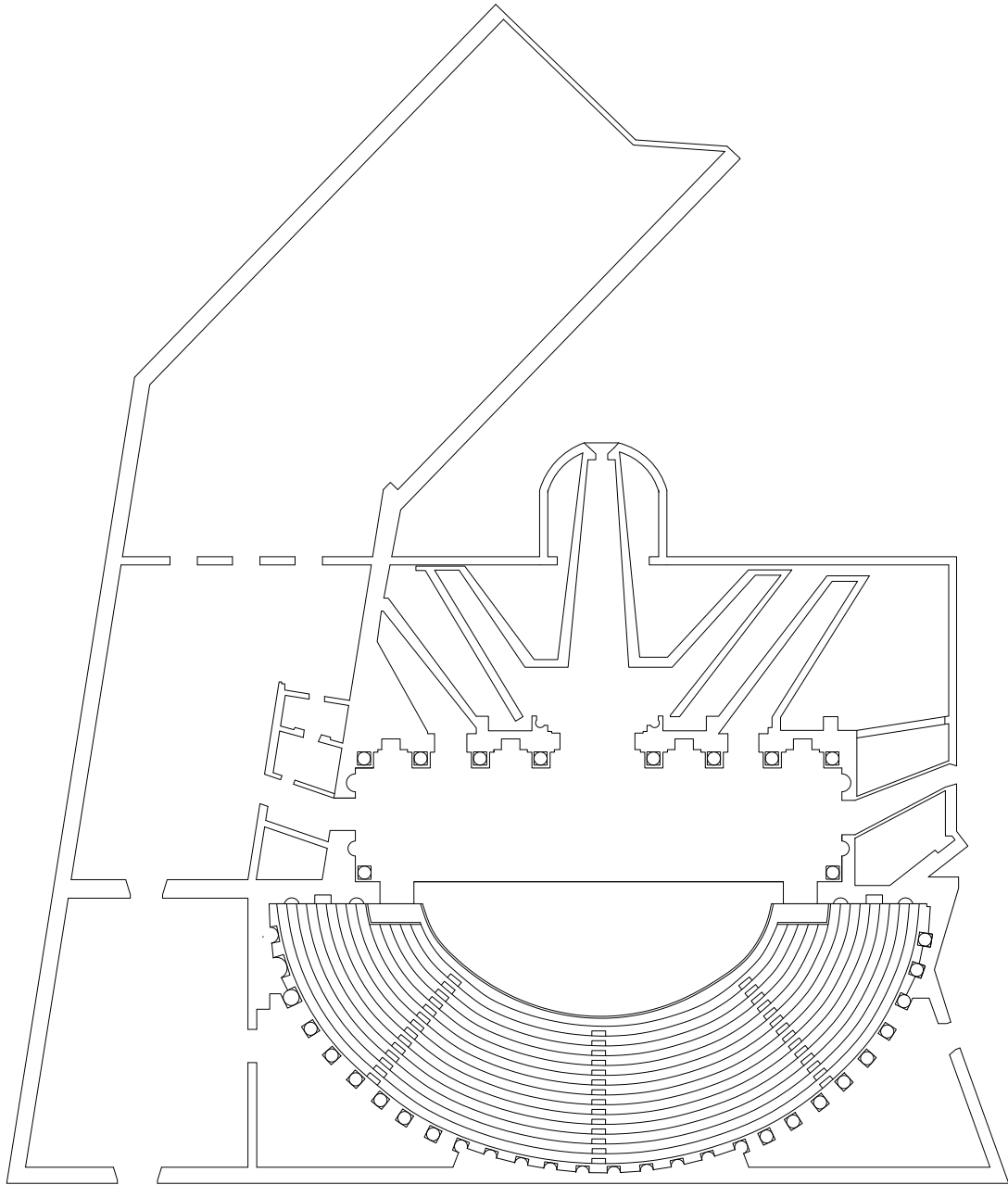


Case studi
Motherhous - Louis Kahn

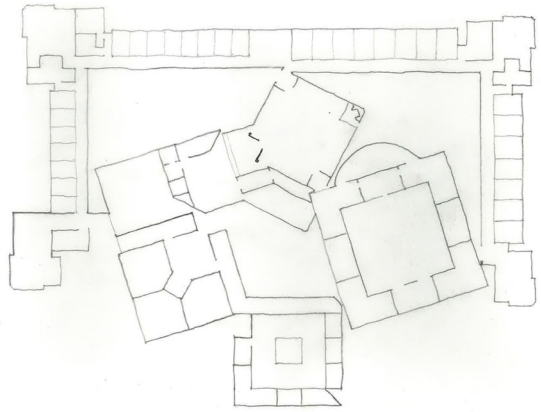
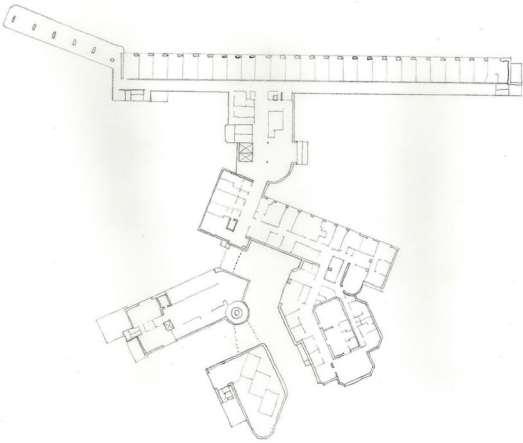
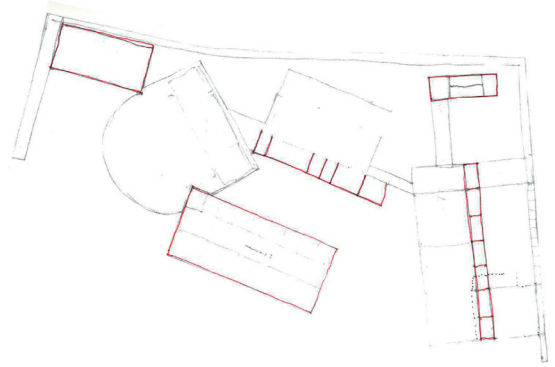
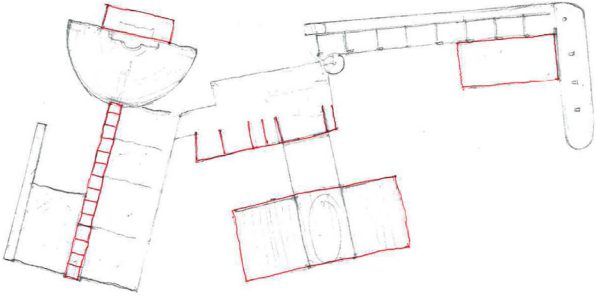




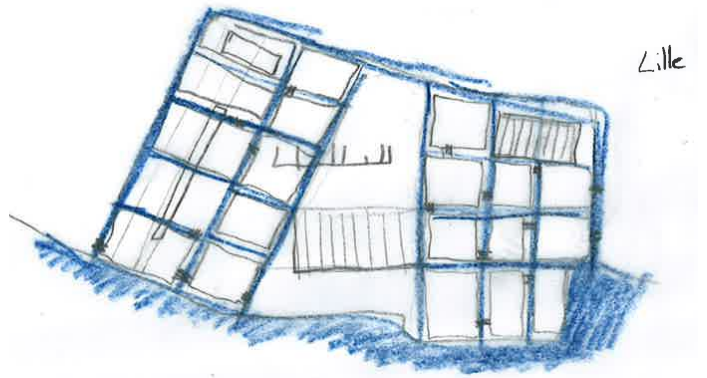
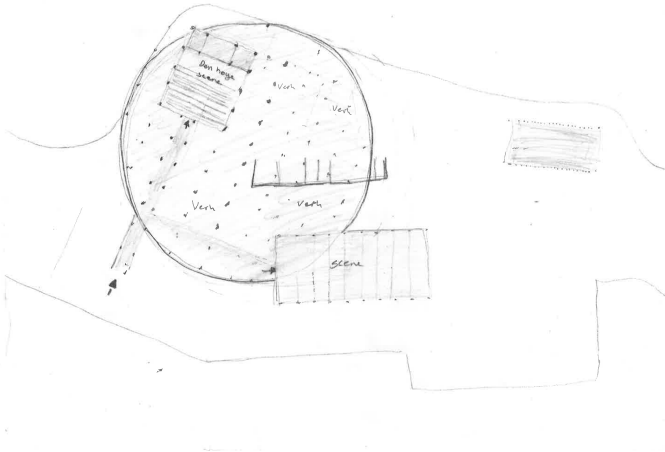
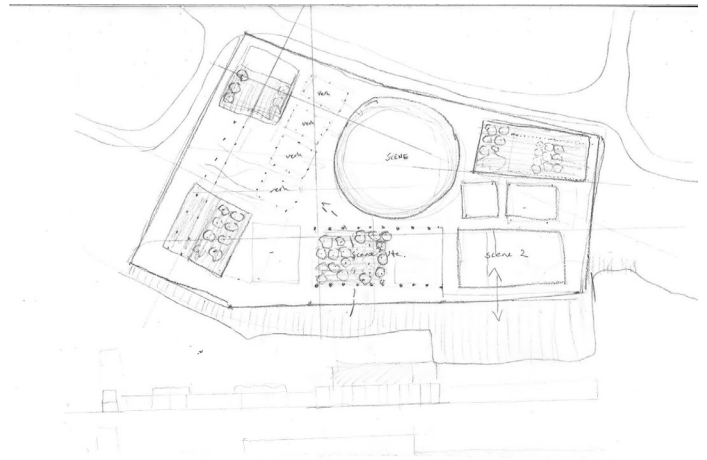
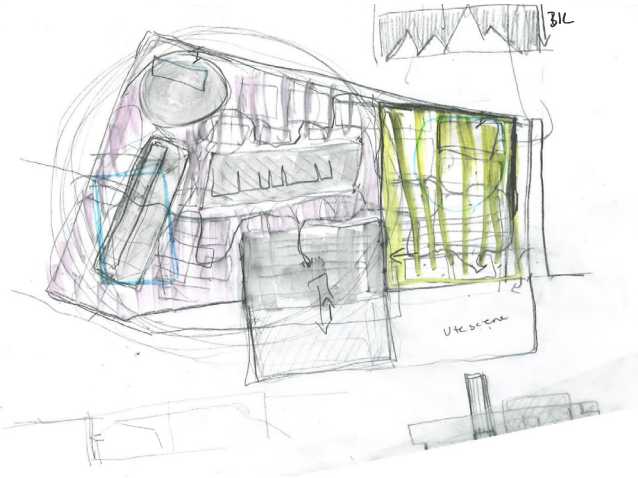
Case studi
Motherhous - Louis Kahn



Frie objekter i "parken"



Et volum

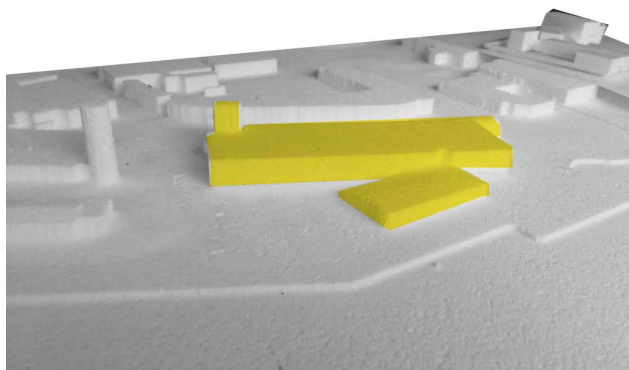


WEEK 4

CONSEPT AND VOLUM STUDY

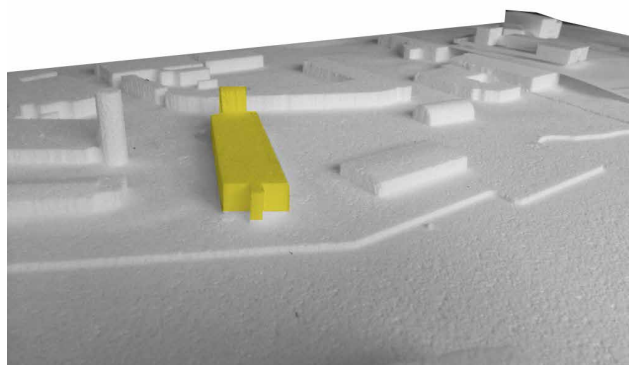
1.

Et volum som binder sammen alle strukturene



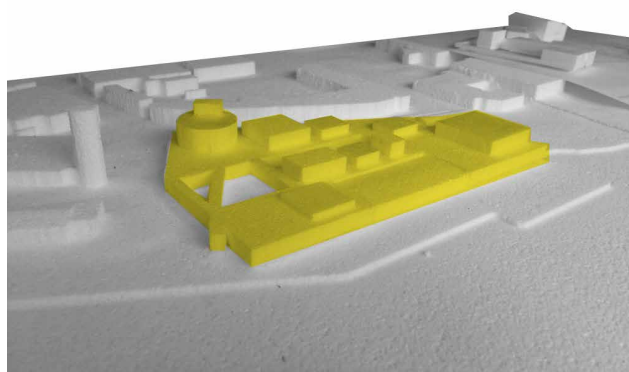
2.

legge seg rundt objektene. La strukturene "styre" byggingen.



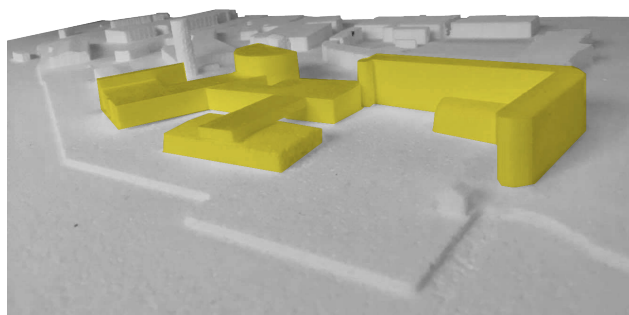
3.

Et volum som legger seg over de eksisterende strukturene.

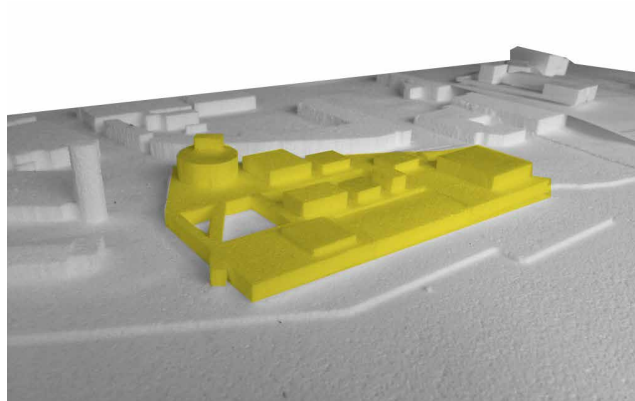


4.

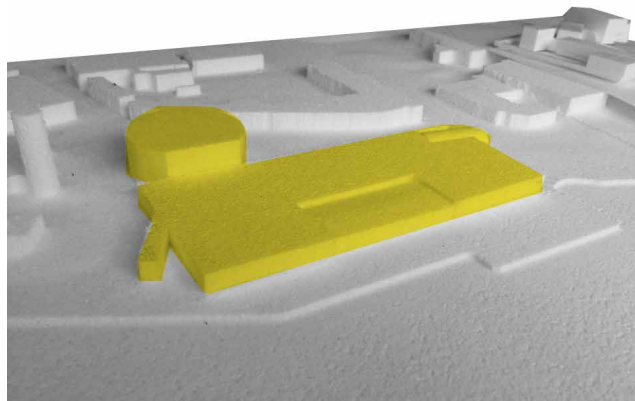
Addisjoner til de eksisterende strukturende. Sammen kobling av strukturen.



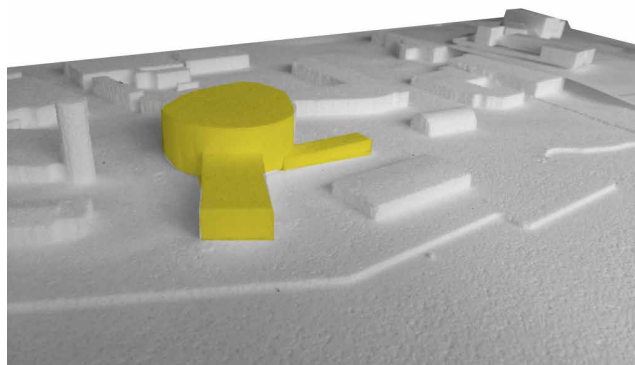
5.
et volum



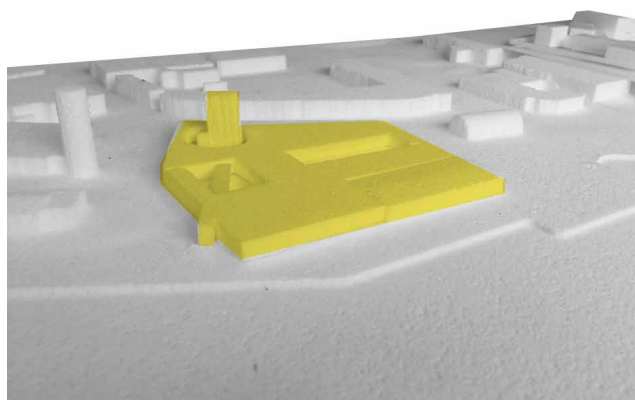
6.
et volum



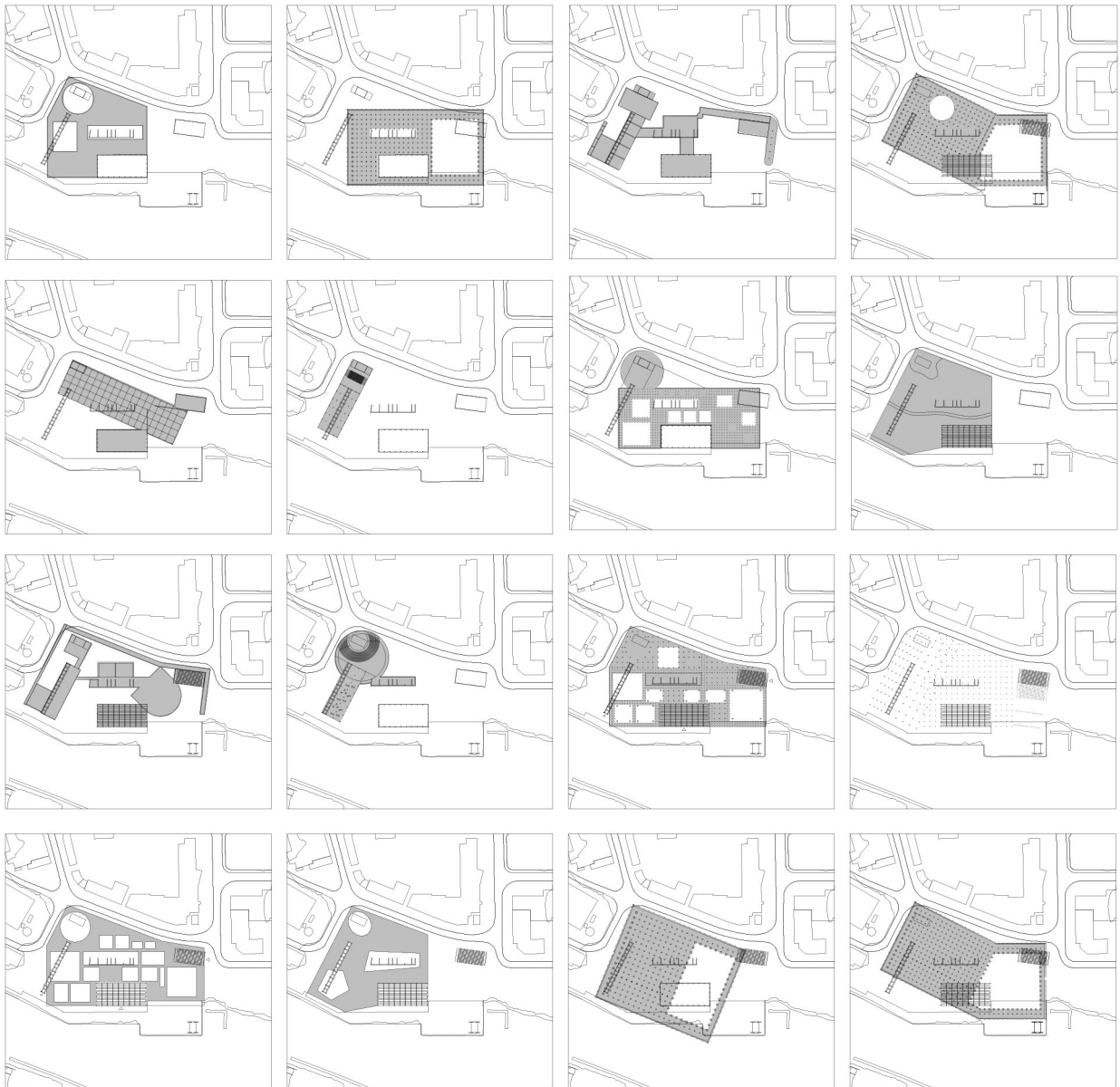
7.
En klar form som samler de
eksisterende strukturende på
stedet.



8.
et volum



Volumstudier uke 3



THEATER PROGRAM VISIT THEATERS

Intervju

Referat samtale med 4b arkitekter

15.09.17

Den ideelle kontakten mellom skuespiller og publikum får man ved en sal som ikke rommer mer en 250 tilskuere.

I Trøndelag teater lagde de balkonger i hovedscenen som var med å danne en større grad av intimitet i salen. Separerer publikum mer, men likevel effektivt for å danne intimiteten som var ønskelig.

Mange fag som ønsker arealer, teaterprogrammet er en øvelse i og gå i kompromisser med de ulike fagene.

Ser teatert som en linjær prosess som ender på scenen. Scene punktet med møte mellom tilskuer og skuespiller, et viktig møte. Bygge opp en forventning om dette møte.

Produksjonene: Smie- snekker- maling- montasje- side scene -> scenen.

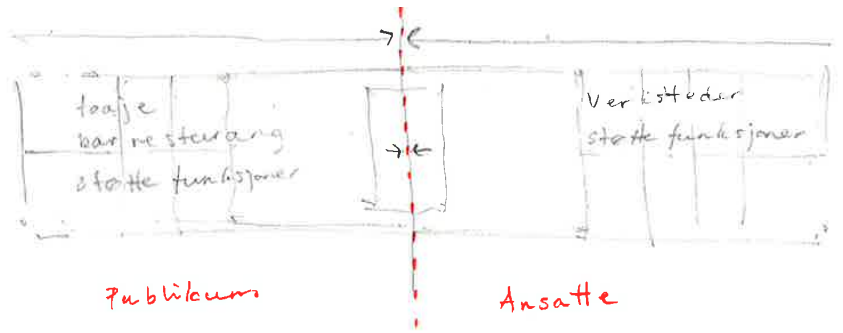
Fordel og jobbe med fleksible rammer rundt scene punktet. Mulighet for og ha mange typer oppsettinger. Frontal oppsettning

Maks dimensjonen på kulisser som kan lages i det norske teater er 4m dybde, 8 m høy, 8m bredde. Denne dimensjonen setter føringer for arealene på verksteder, samt heiser, dør åpninger osv.

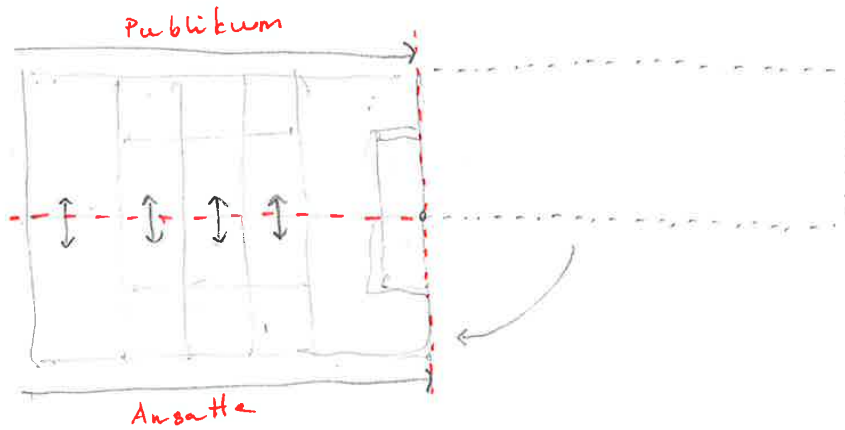
Dimensjoner på sidesenen er ca. de samme som scene arealet. Mulighet for og rulle kulisser ut. Scenetårnet tilsvarer høyden på scenen pluss en gangbare sone over der igjen. Dimensjonene på malerommet det samme som bakveggen på scenen.

Prøvesalene kan være åpne for publikum. Strategisk plassering i bygget for og gjøre dette mulig. I det norske teateret åpnet de opp for at publikum kunne komme inn i prøvesalen. Dette er i dag blitt en publikumsscene. Dimensjoner på prøvesaler pleier og tilsvare selve scenens areal. For at man skal kunne prøvespille stykket med samme dimensjoner.

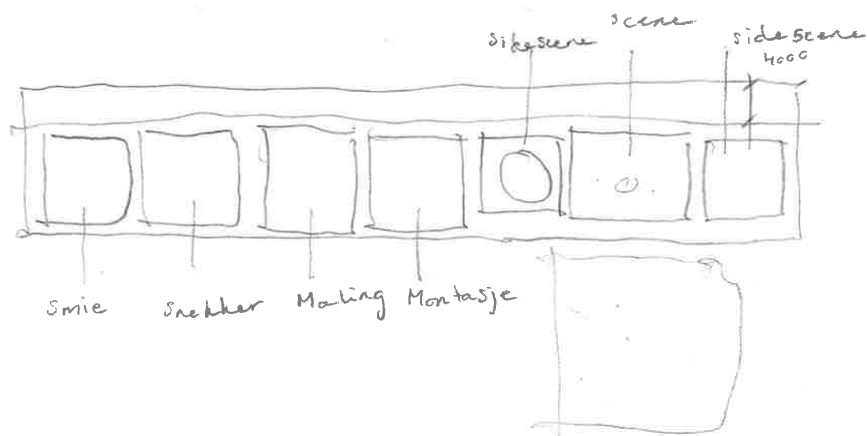
Det brukes ofte mikrofoner i teateret i dag. En akustisk riktig sal er allikevel viktig. De veggene man ser er de veggene som slår lyden tilbake.



Vår forståelse av et tradisjonelt teater.
 Skal spilleren og Publikum møtes i ett punkt.
 På scenen. Mann får kunne se skuff resultatet.

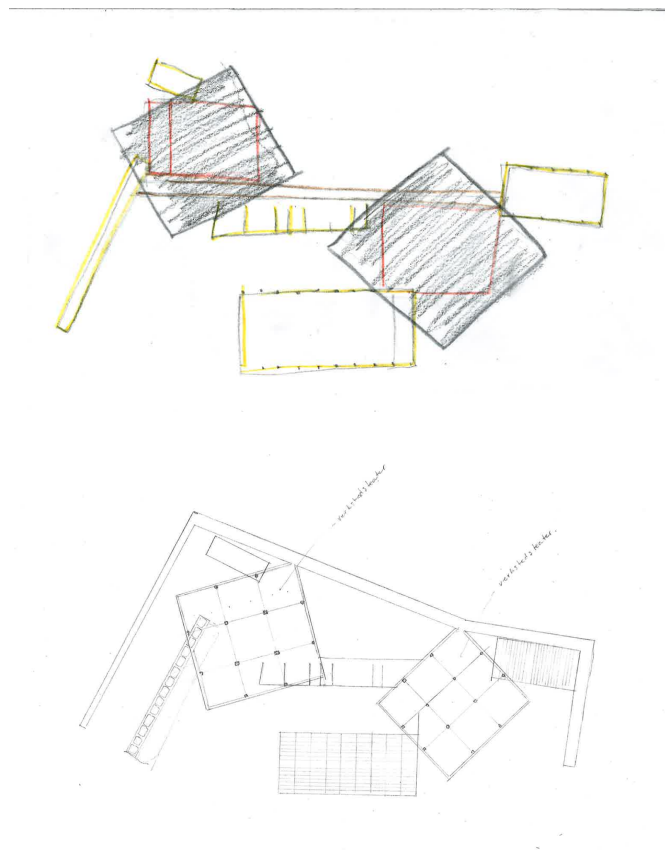


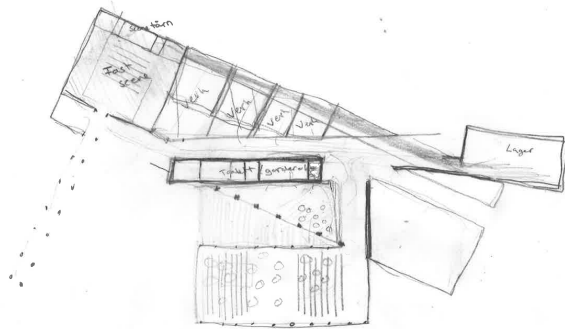
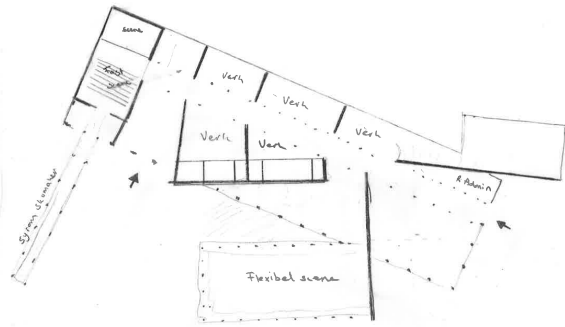
Vårt ønske er og skape en større grad av
 interaksjon mellom produksjon og publikum.
 Mann følger den samme produksjons linje/reise



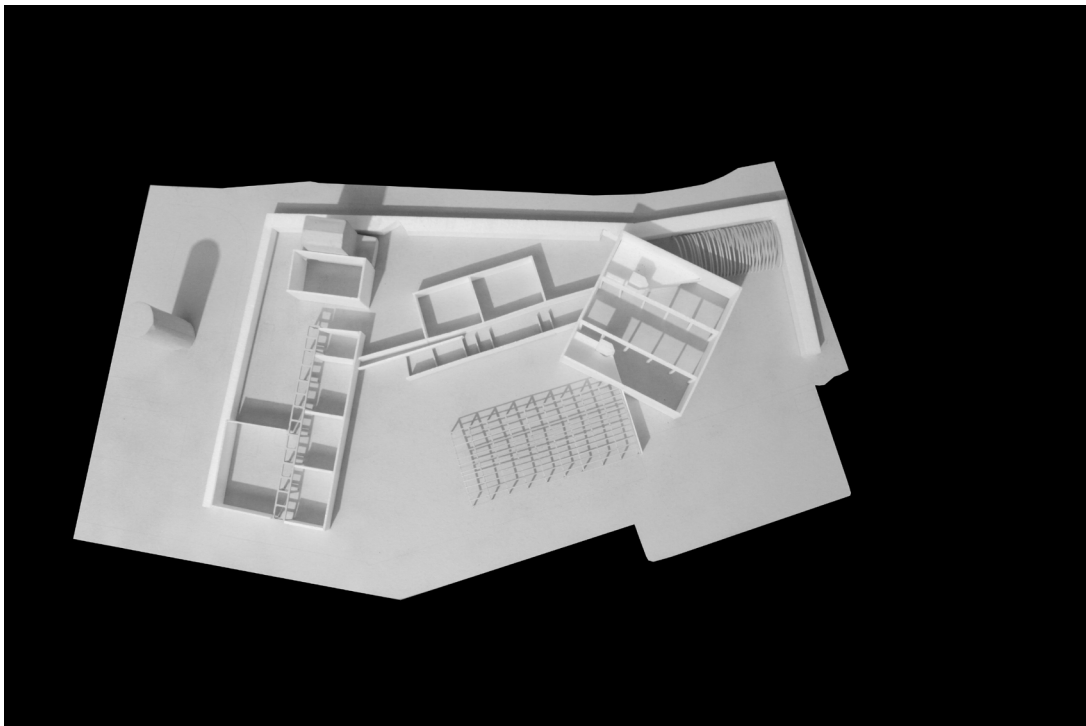
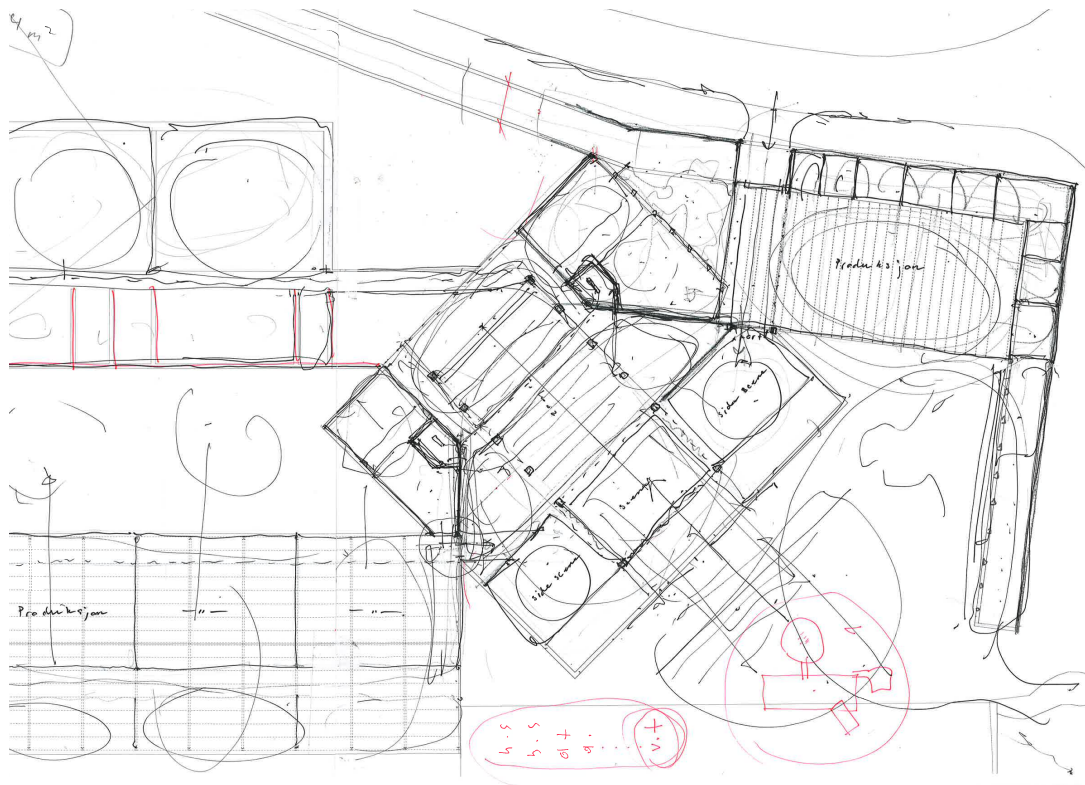
WEEK 6

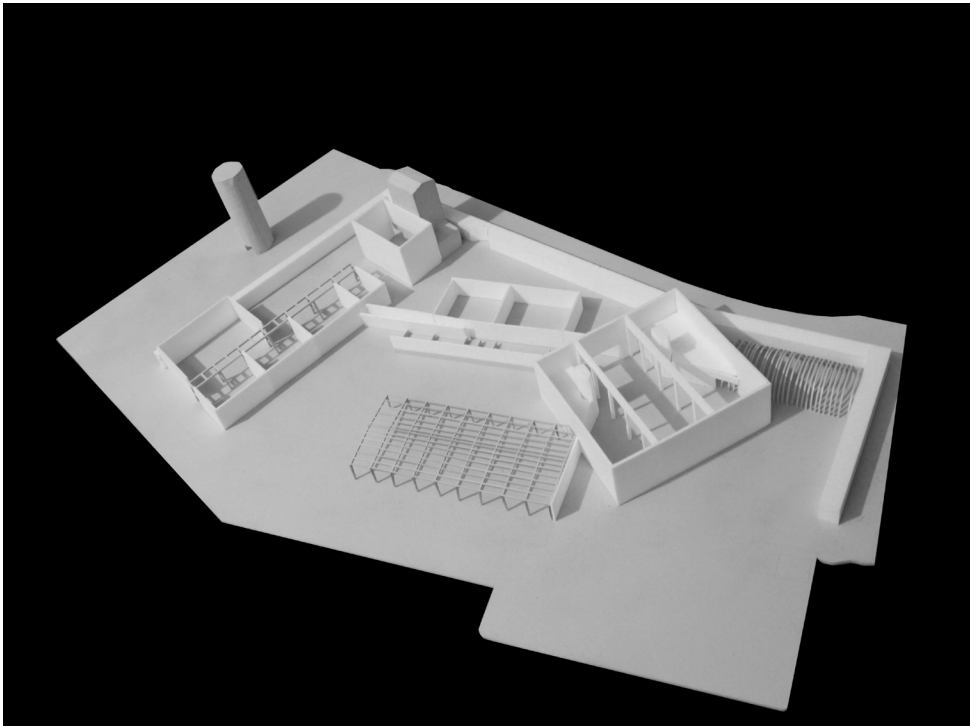
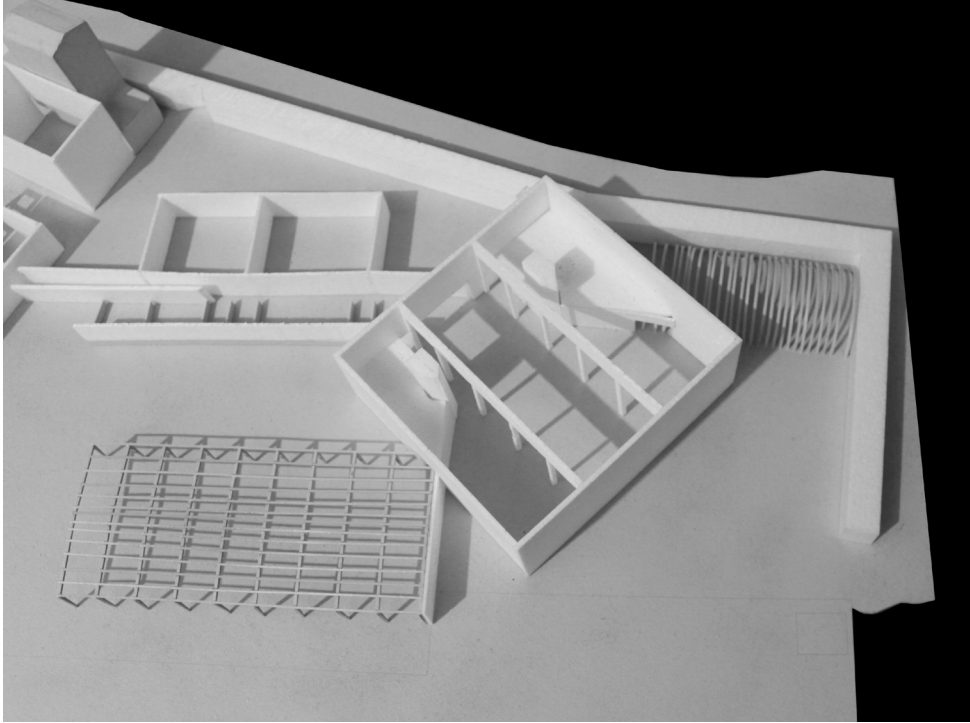
CONCEPTS AND MODELS





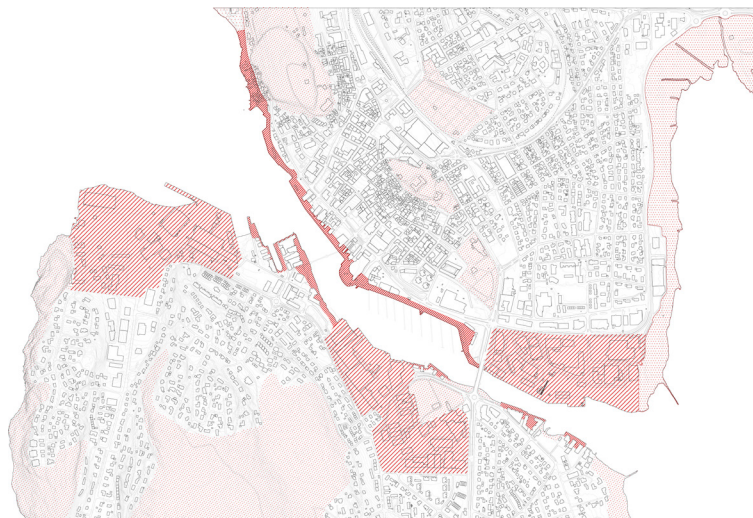
Addering av Hovedscenen





WEEK 7

Grønndrag og havne promenade

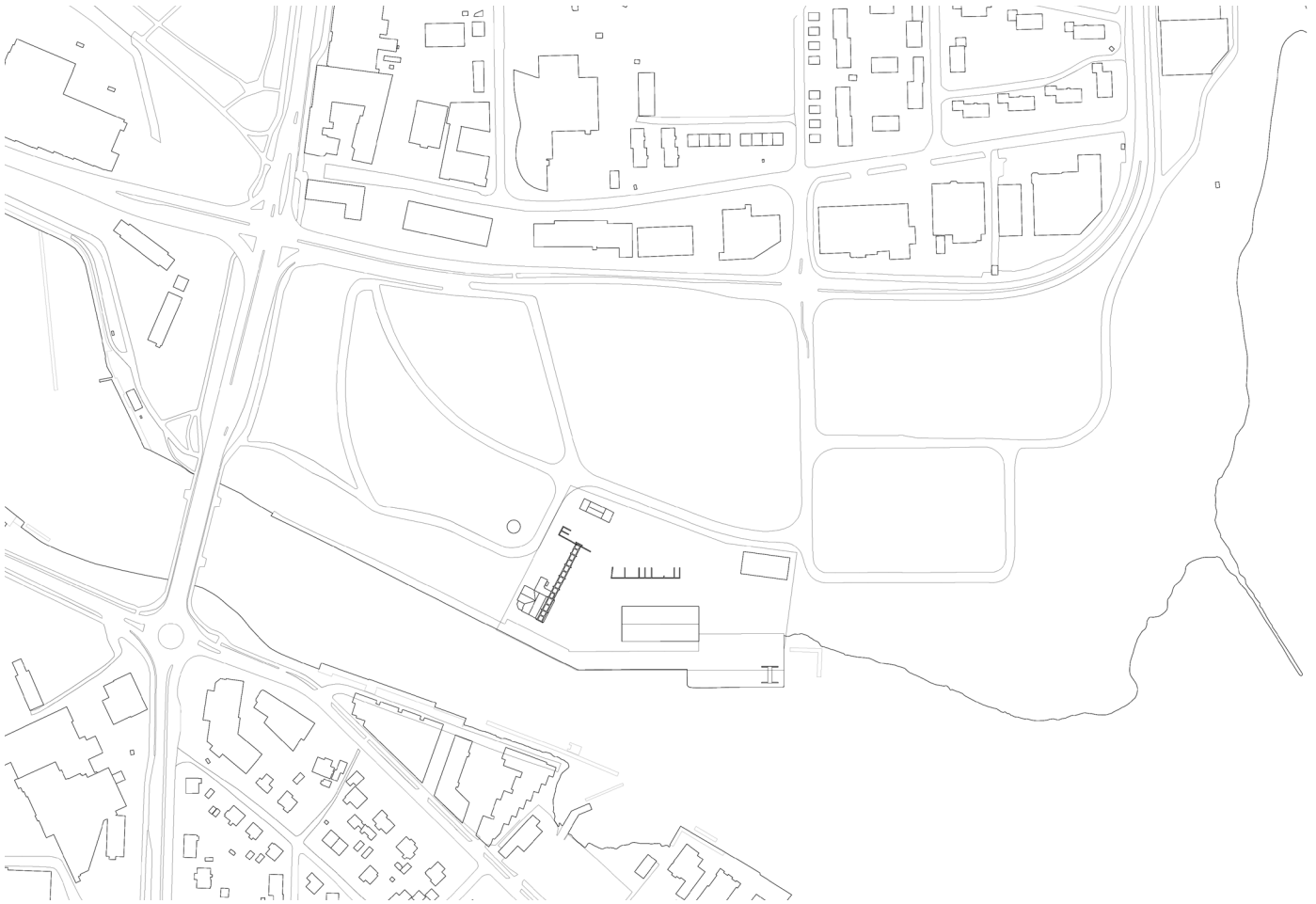


Kultur institusjoner

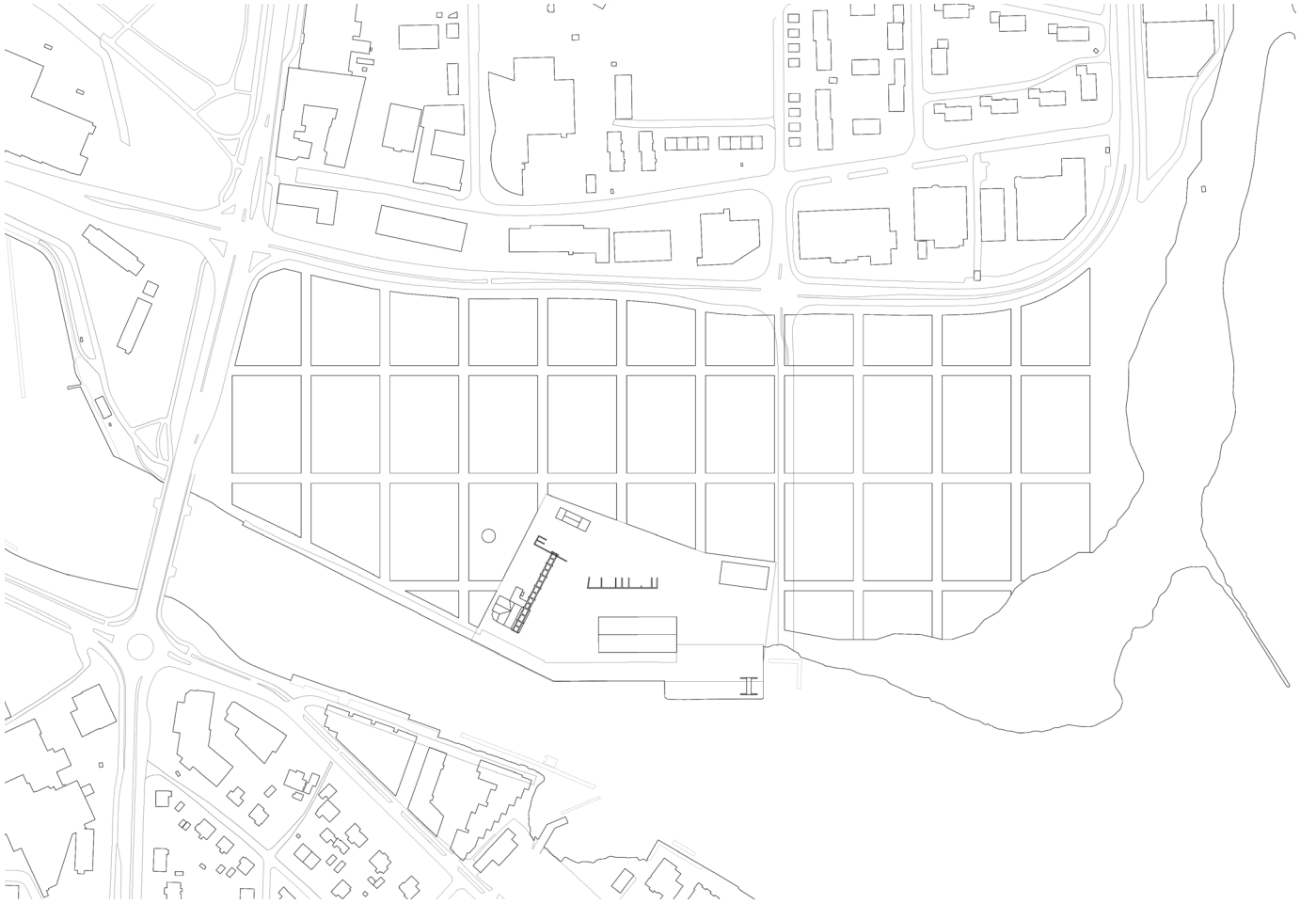


Industri transformasjonsarealer



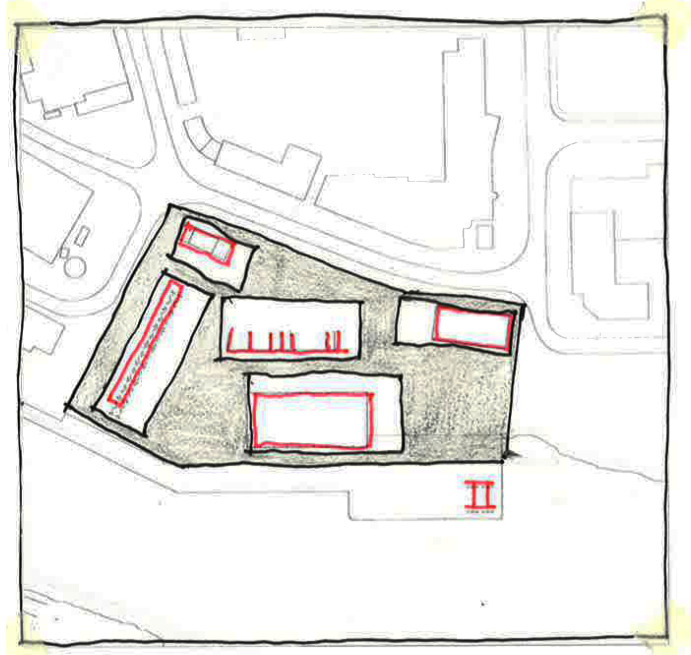


Eksisterende vei nett

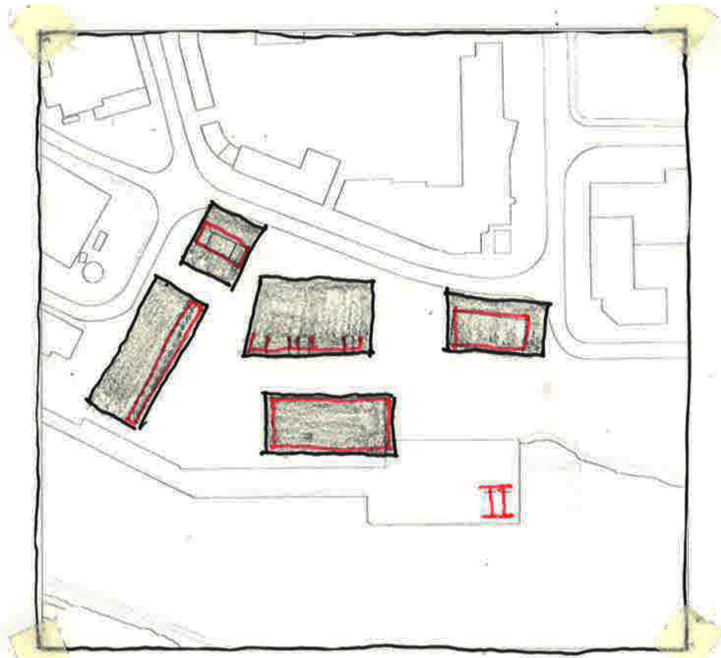


Rutenetts plan

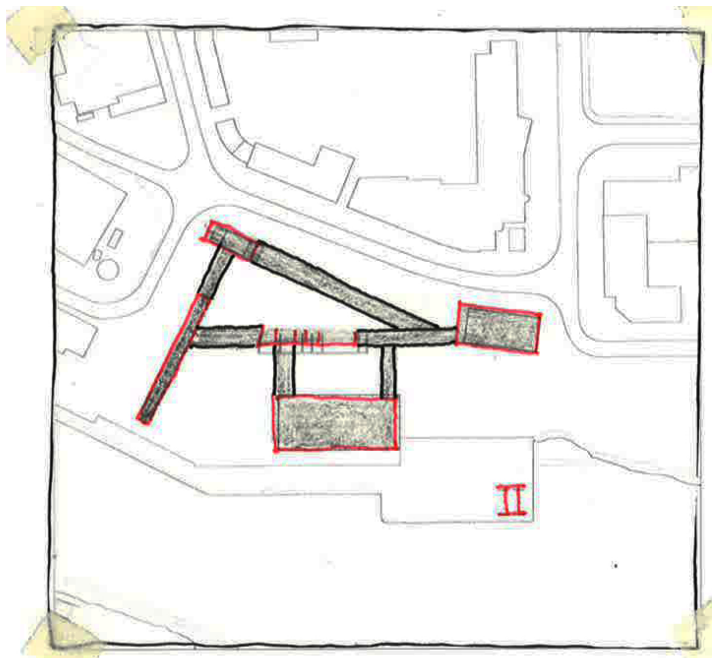
Konservering

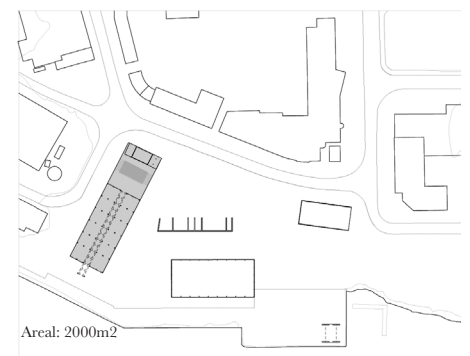
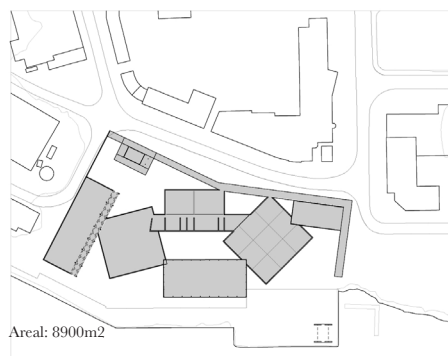
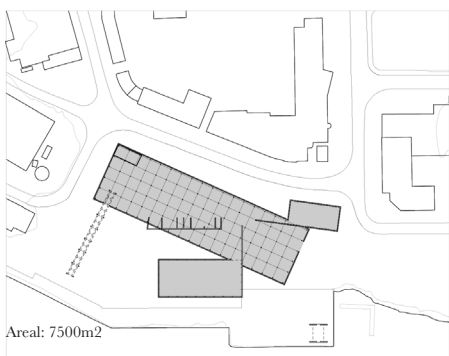
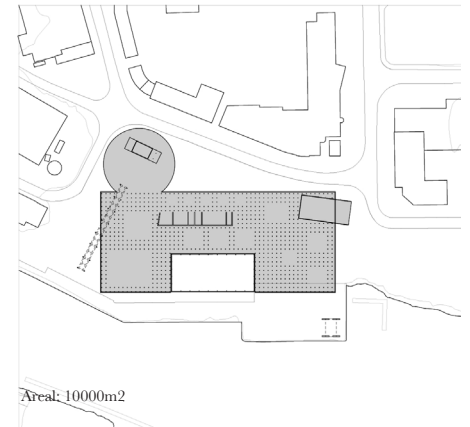
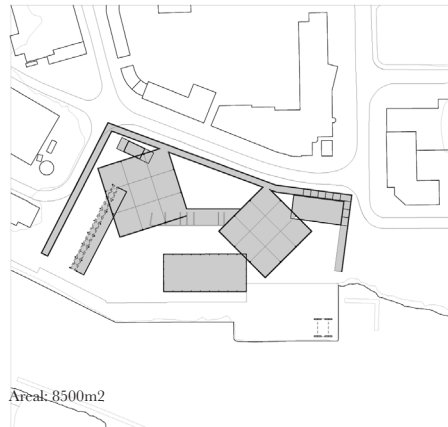
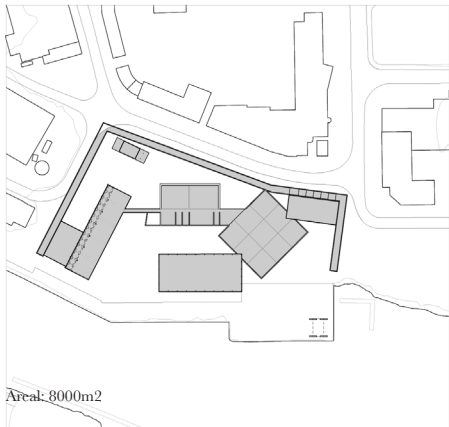
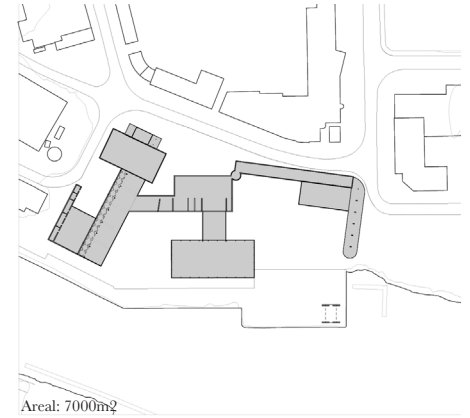
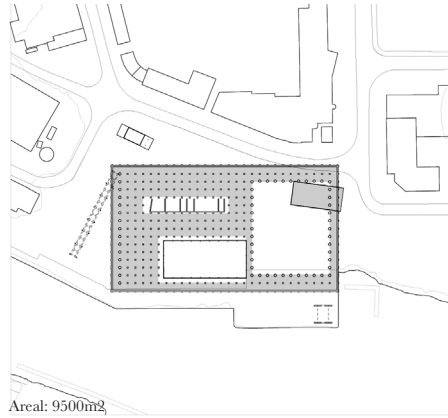
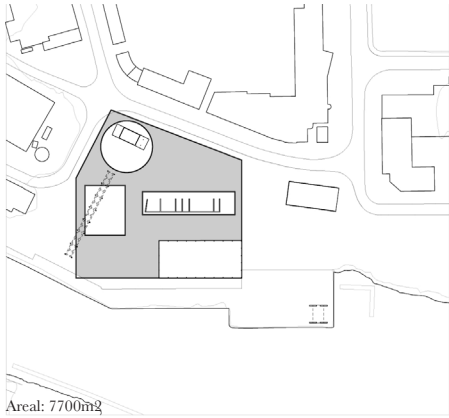


Transformering



Addering

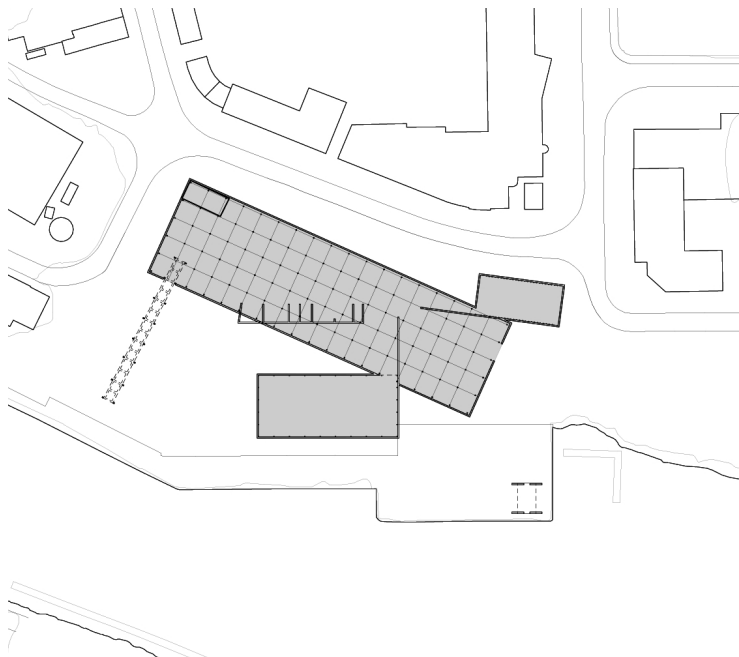
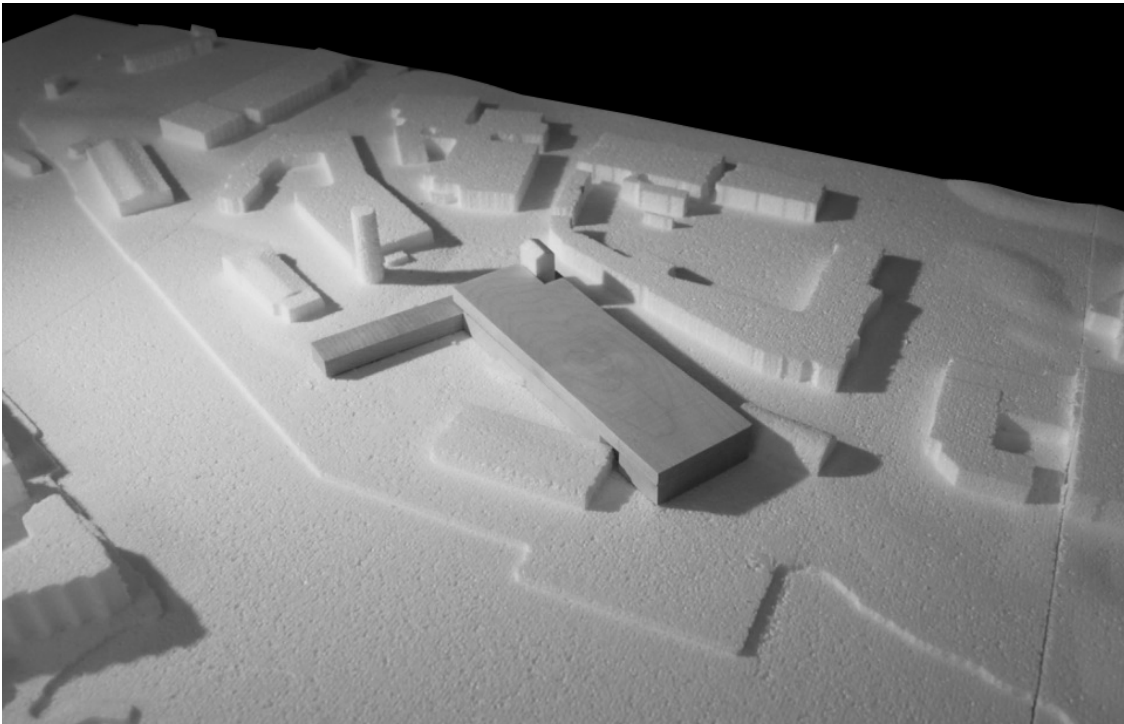


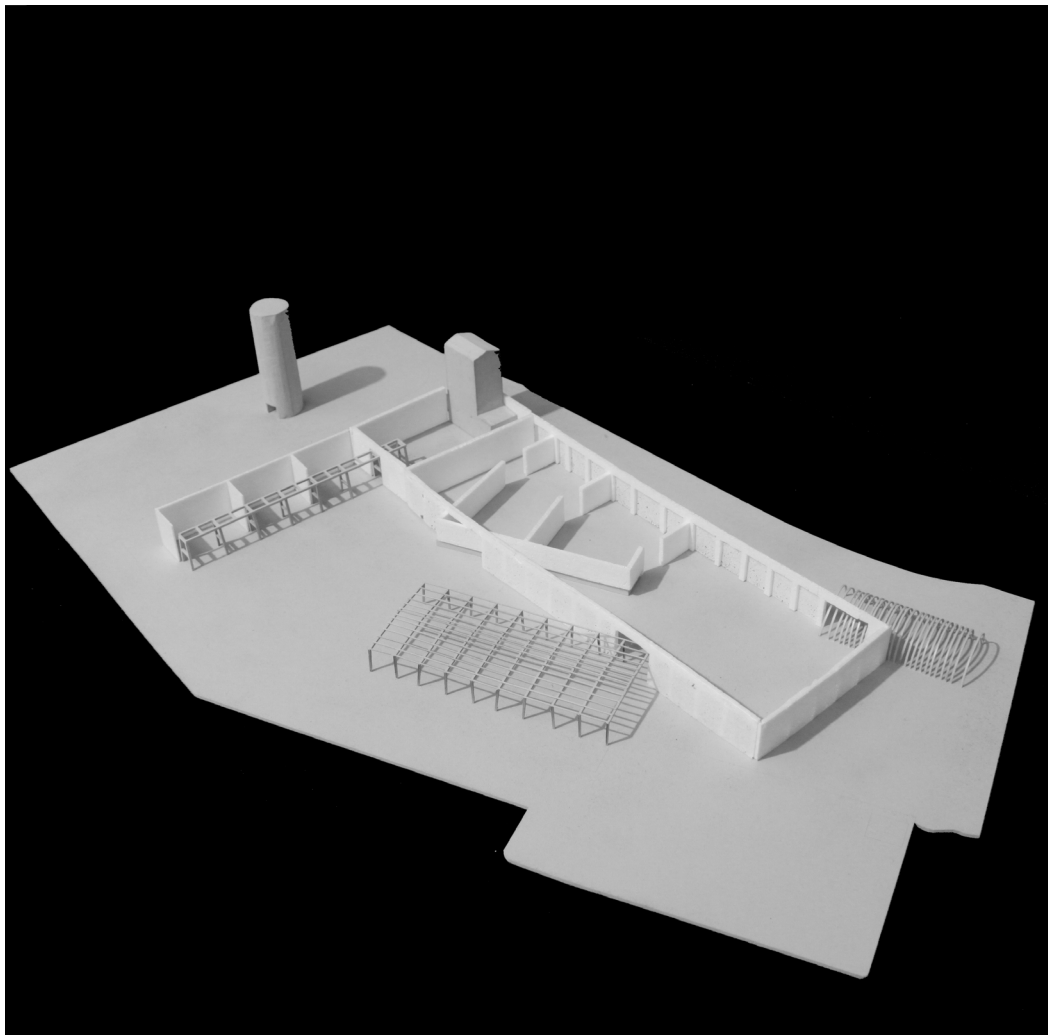
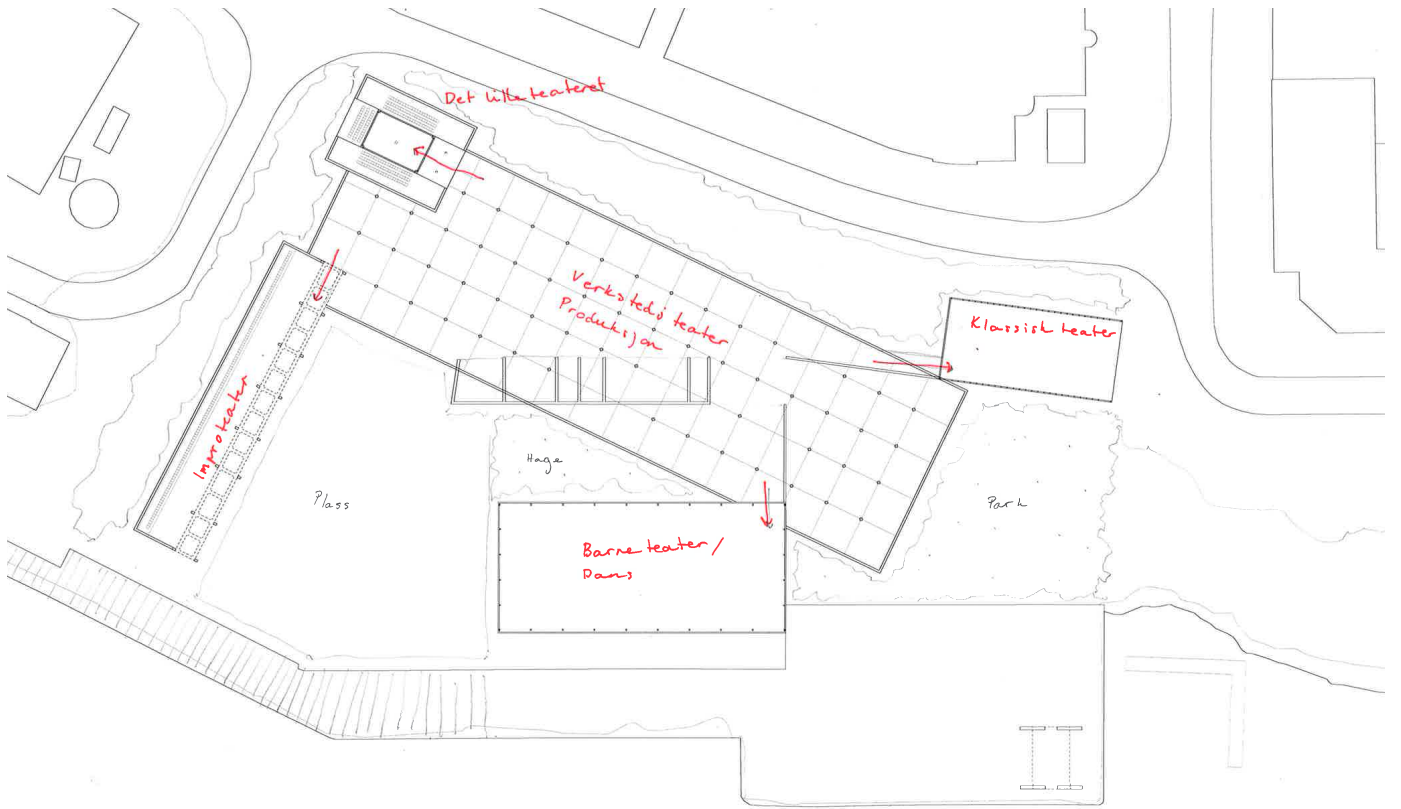


Et volum

Et volum knytter de eksisterende strukturene sammen. Volumet som binder de eksisterende strukturene sammen inneholder verksteder og produksjonsarealer for teateret. I de fire eksisterende strukturene ligger fire ulike teater scener. Et teater for dans, et klassiske teater, et improteater, et vertikalteater.

Utfordringer: hvordan prosjektet henvender seg til situasjonen rundt. hvilke ytre rom danner bygningen rundt seg.

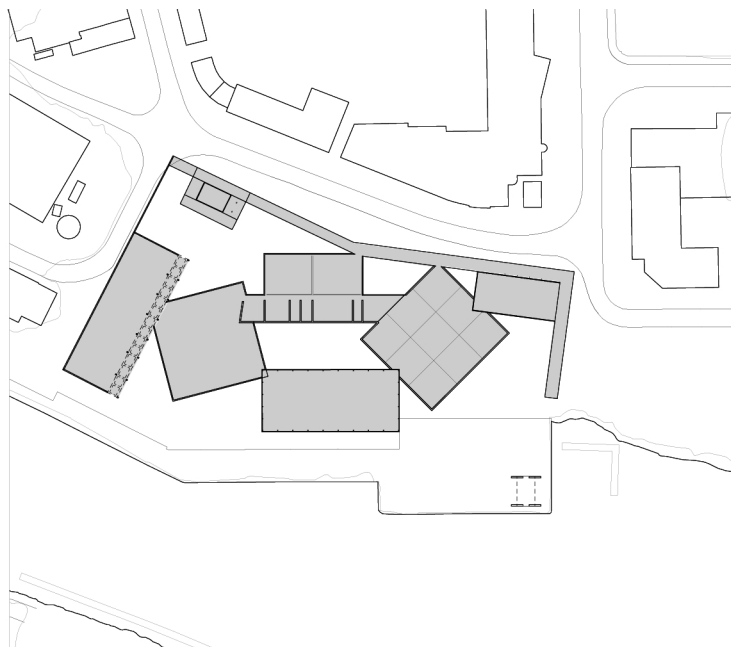
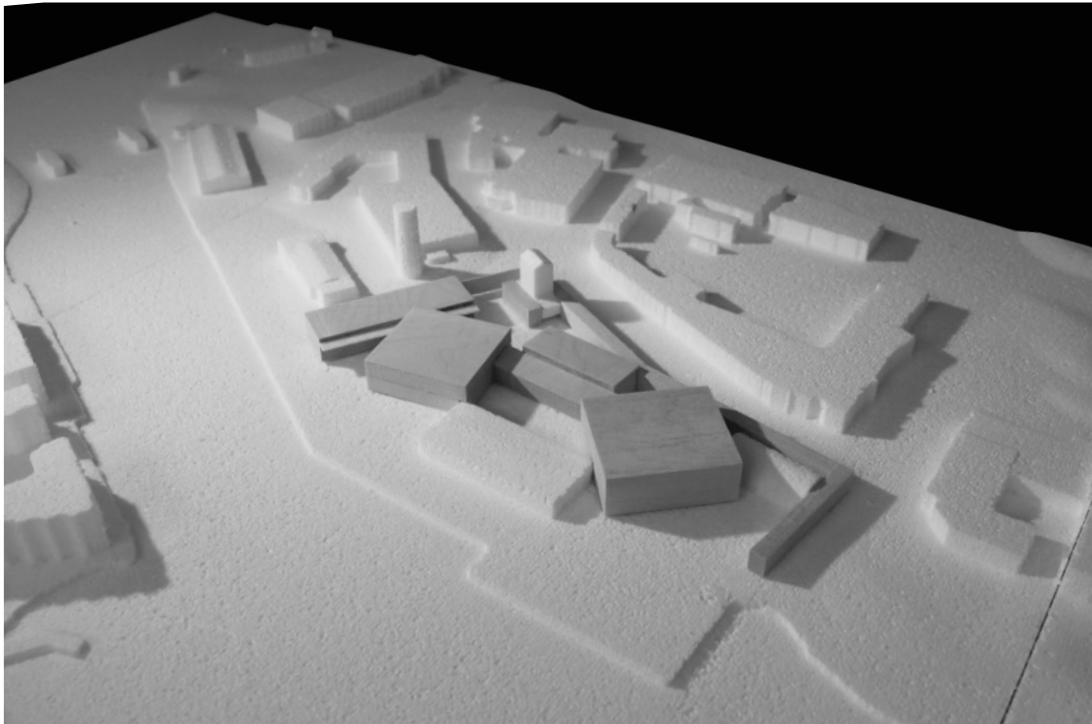


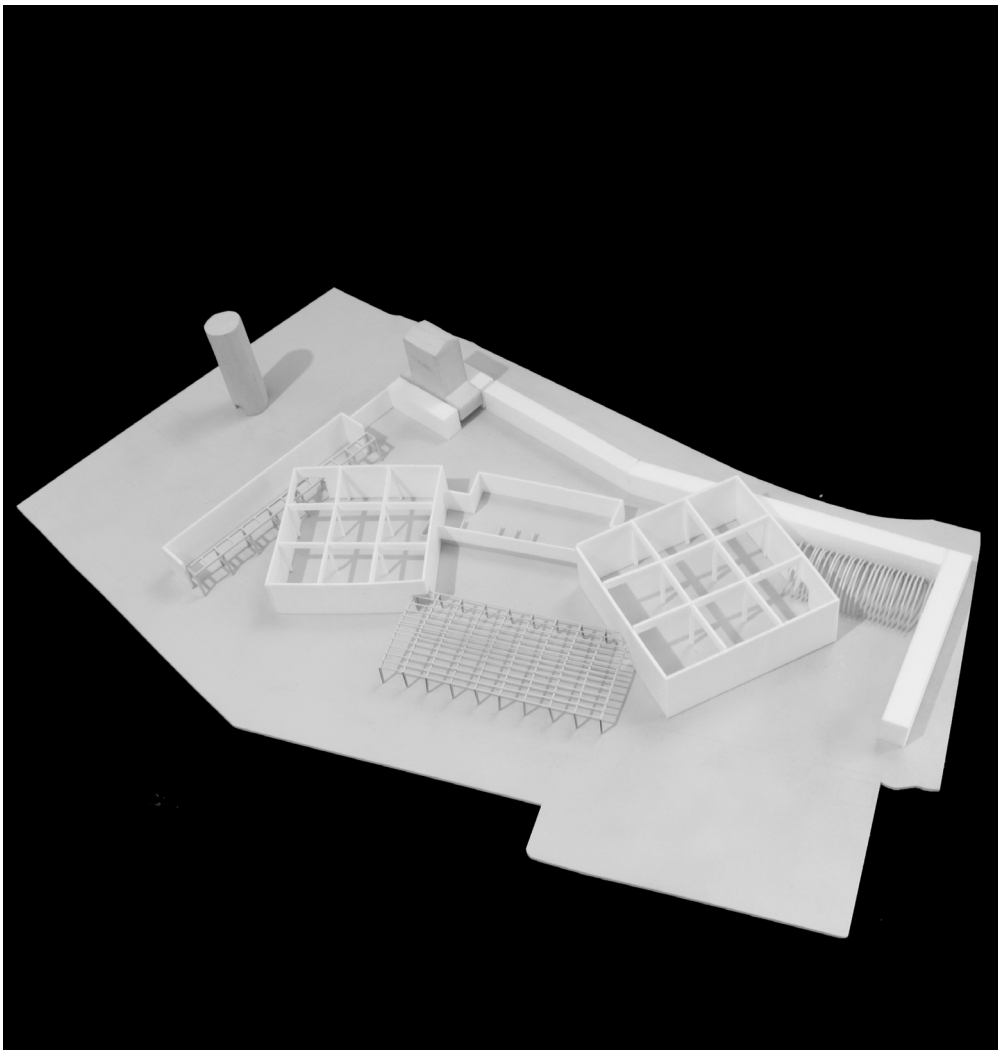
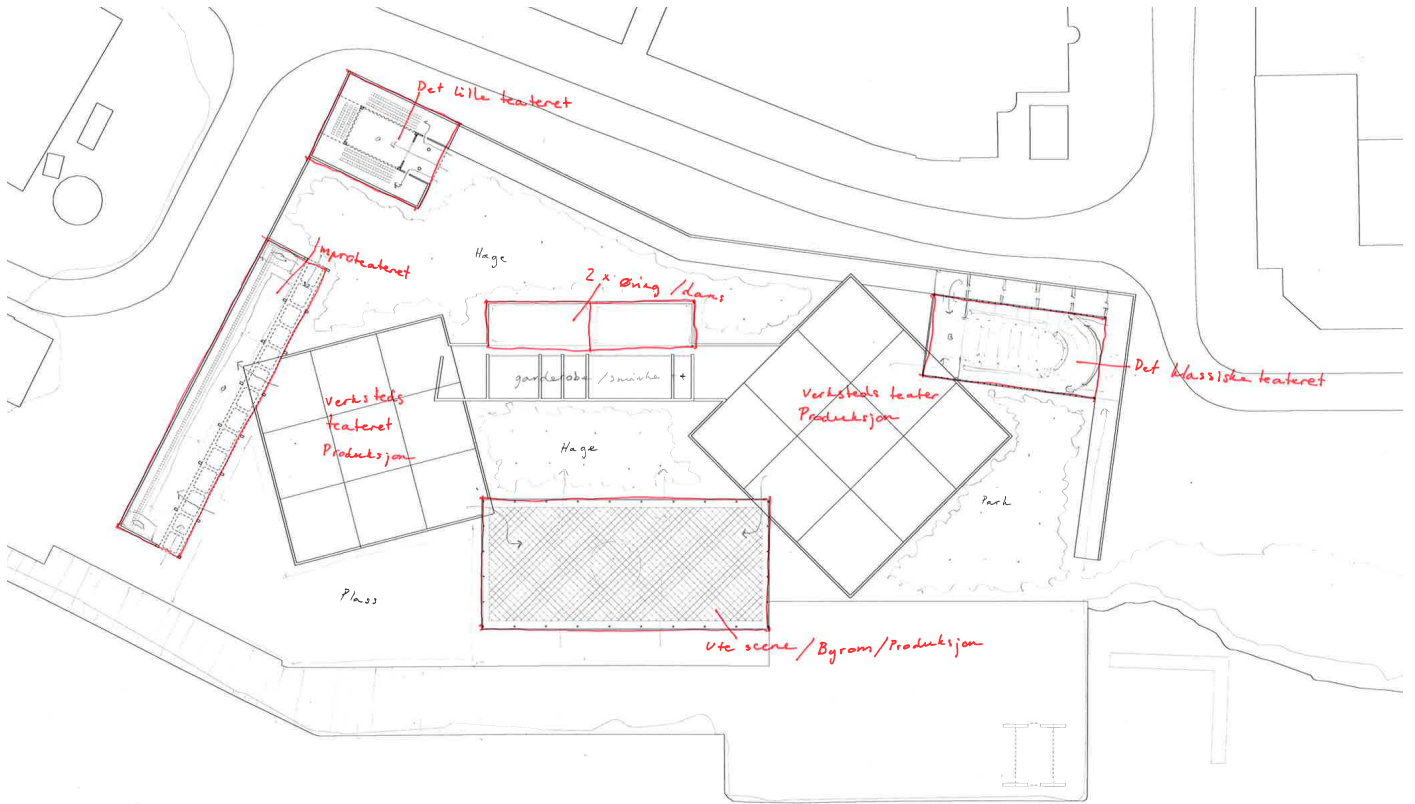


To volumer

To volum knytter de eksisterende strukturene sammen. Volumene som binder de eksisterende strukturene sammen inneholder verksteder og produksjonsarealer for teateret. I de fire eksisterende strukturene ligger fire ulike teater scener. Et teater for dans, et klassiske teater, et improteater, et vertikalteater. En bakenforliggende “ramme” lager en klar avgrensning mellom teater plassen en byen bak, ut mot vannet er situasjonen mer porøs.

Utfordringer: kompleks situasjon med lite hirarki mellom nye og gamle strukturer på stedet.

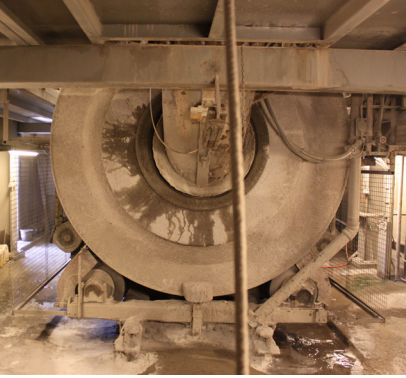




WEEK 8

SITE VISIT

Dagens betong produksjon



Landskaplige forbindelser

Prosjektet skal knytte grønndraget i vest sammen med havne front forbindelen i øst. Idag er det ingen forbindelse mellom disse to områdene. Vårt prosjekt plasseres sentralt i denne forbindelsen.





Presterød kilen

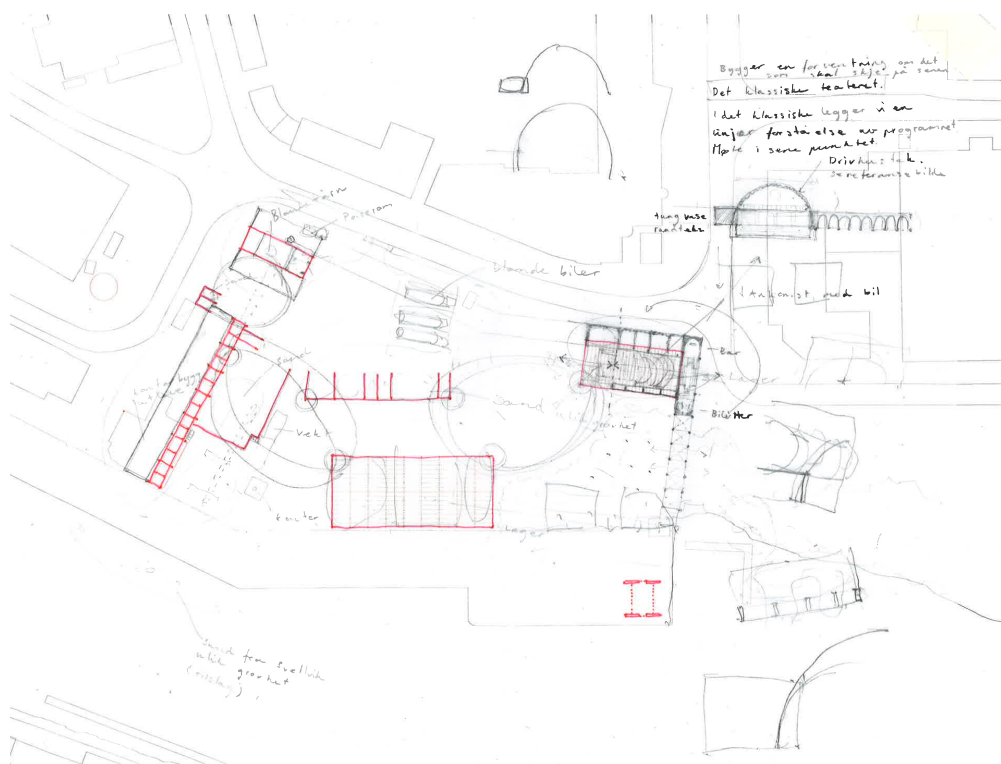
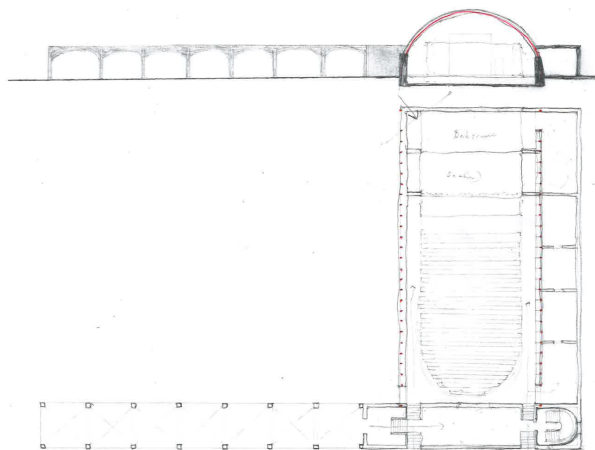
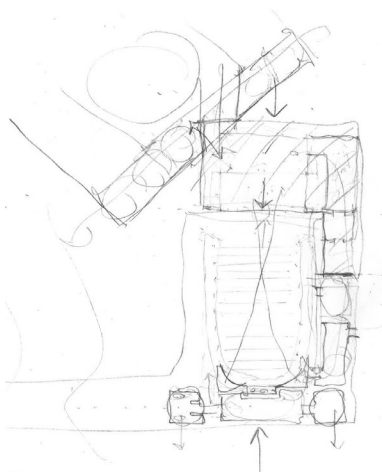
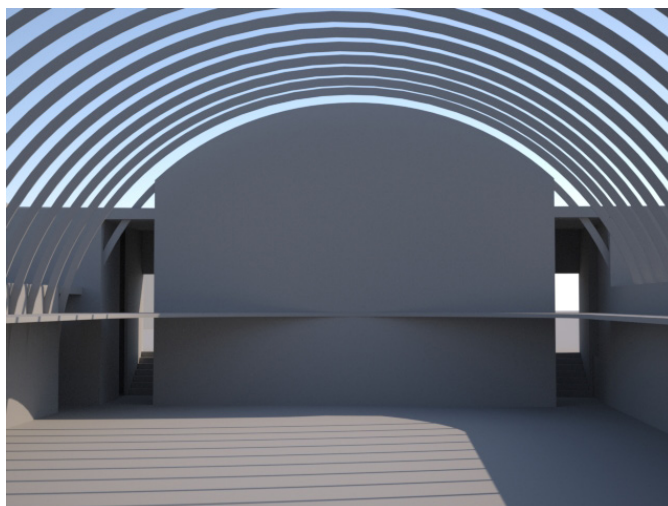


Teater toment

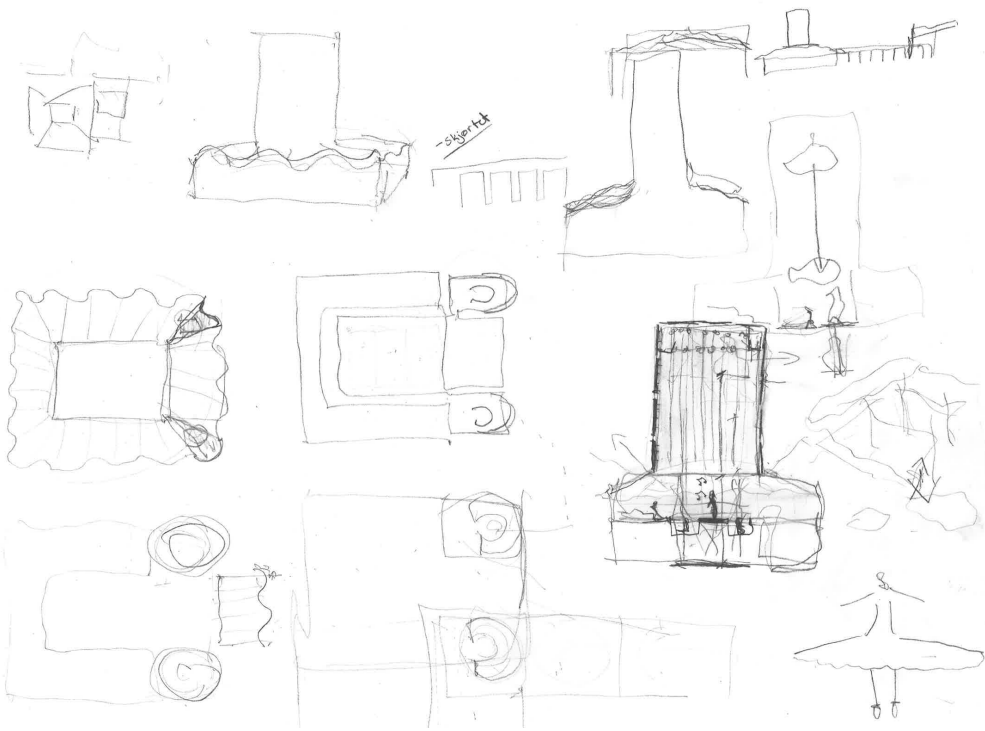
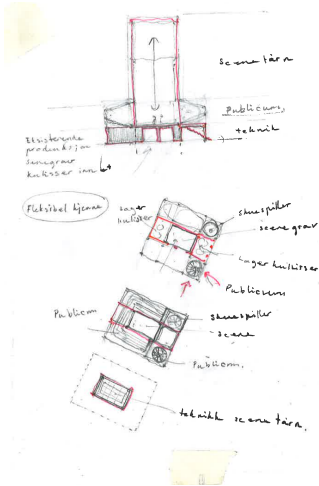
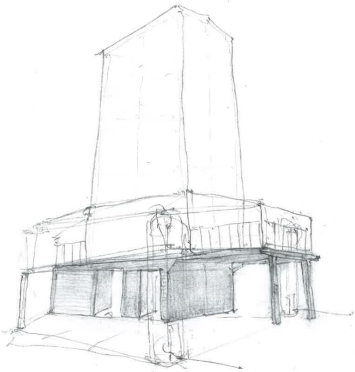
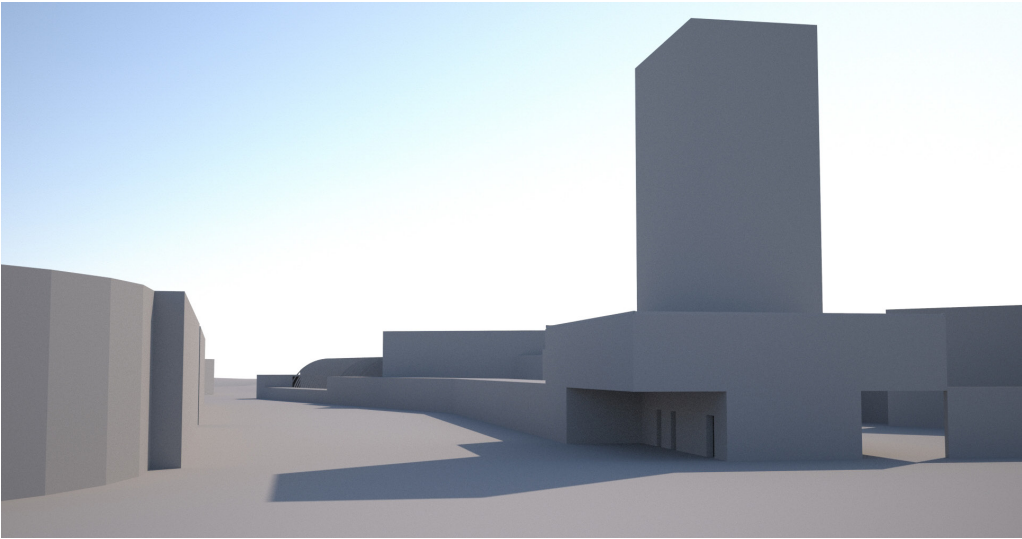


Havnepromonade

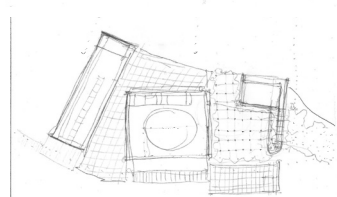
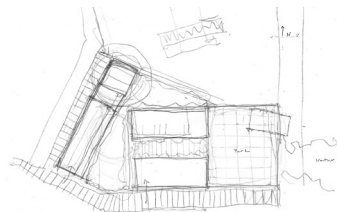
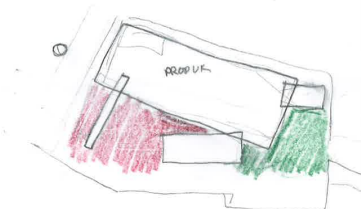
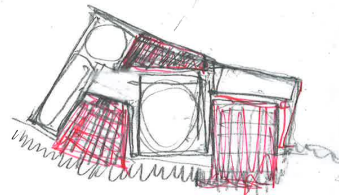
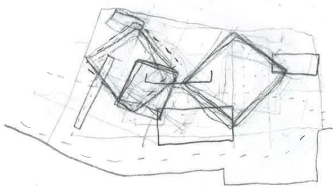
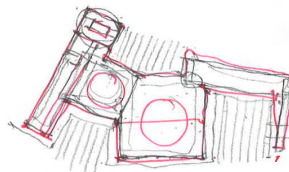
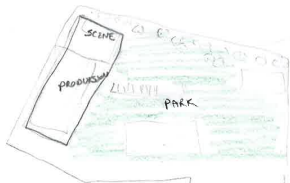
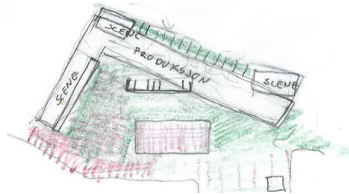
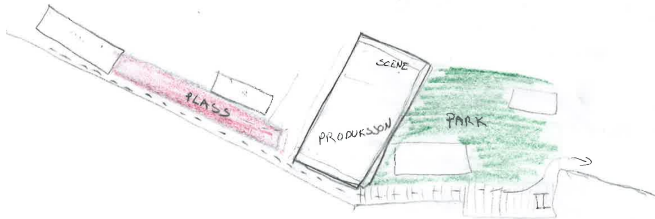
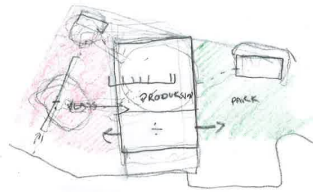
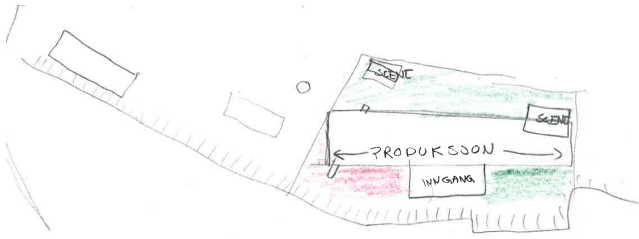
Konzeptskisser for "buehallen"

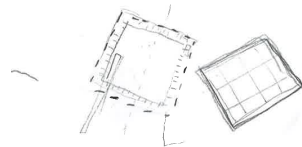
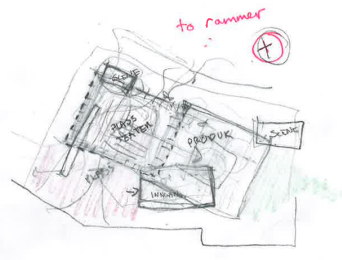
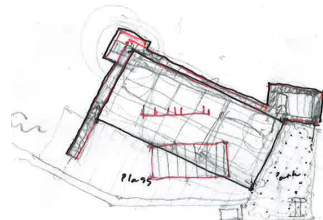
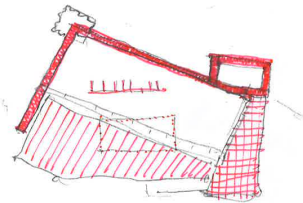
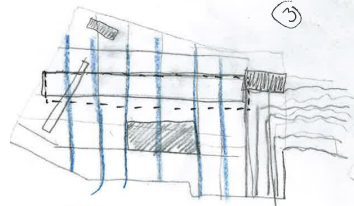
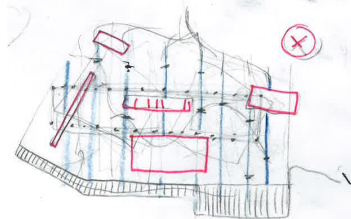
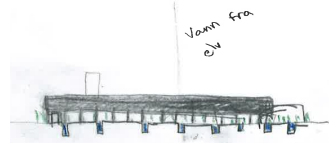
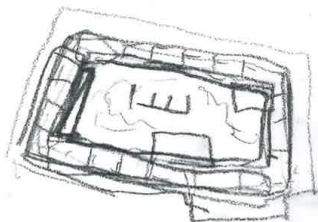
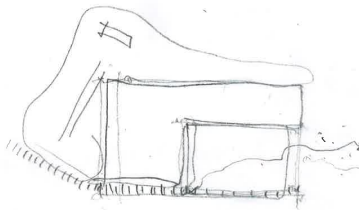
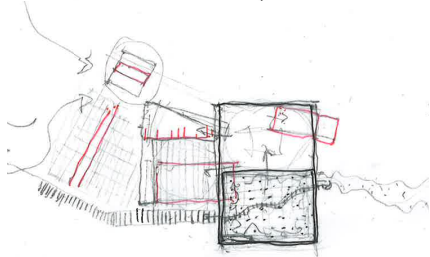
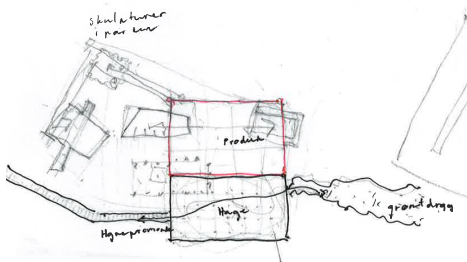
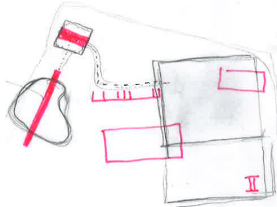
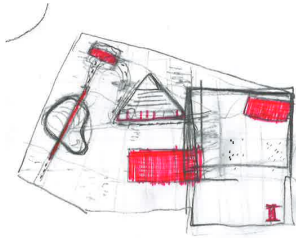


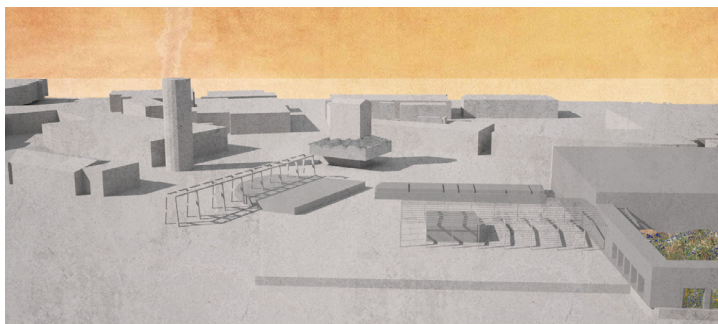
Konceptskisser for "tårnet"



Konsept skisser med fokus på landskapet







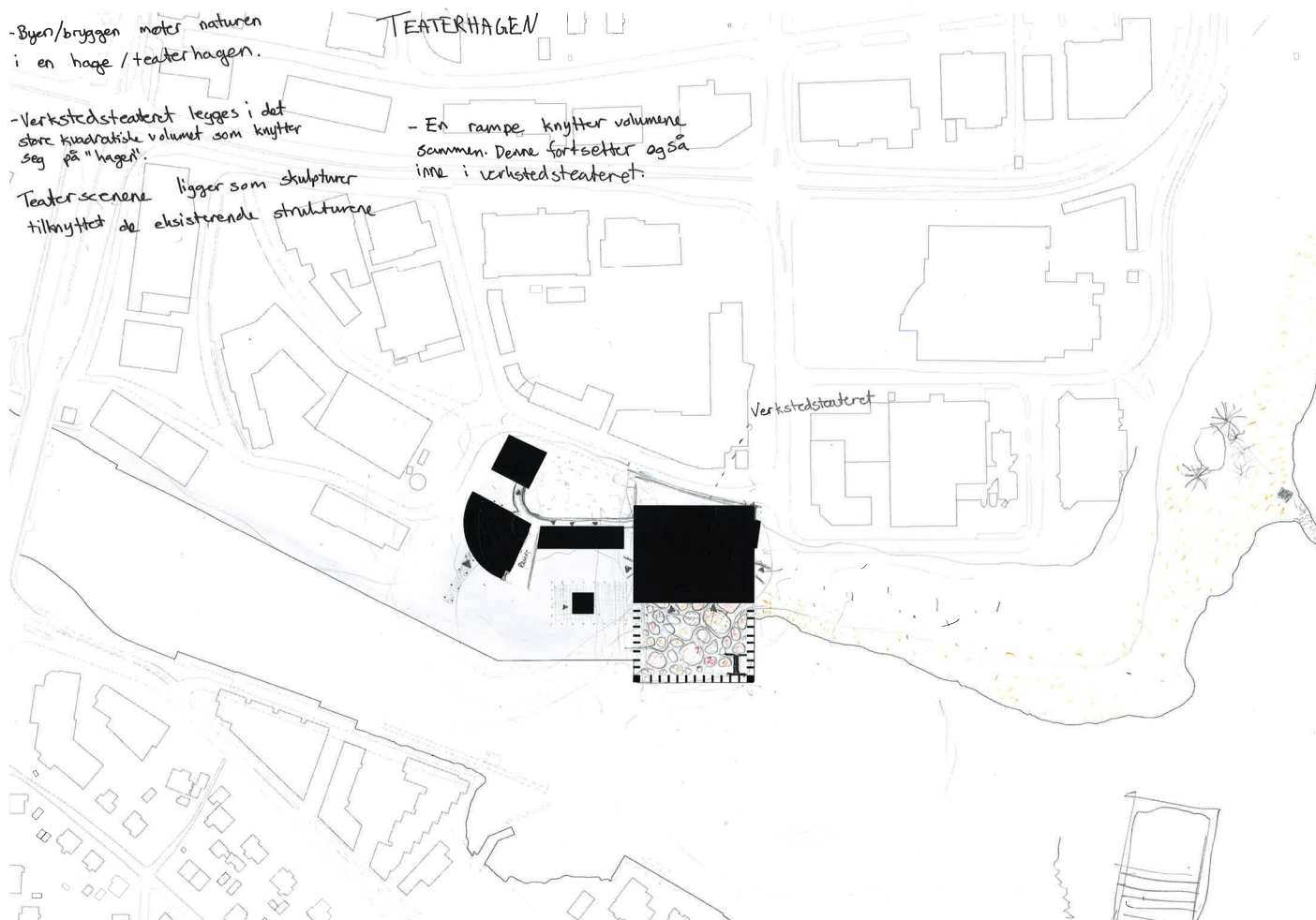
-Byen/bryggen møter naturen
i en hage / teaterhagen.

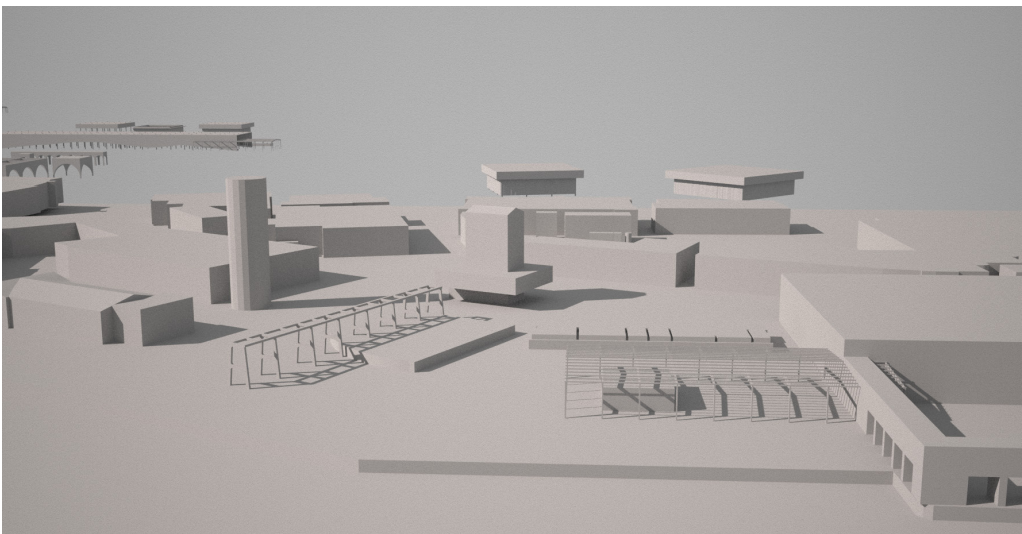
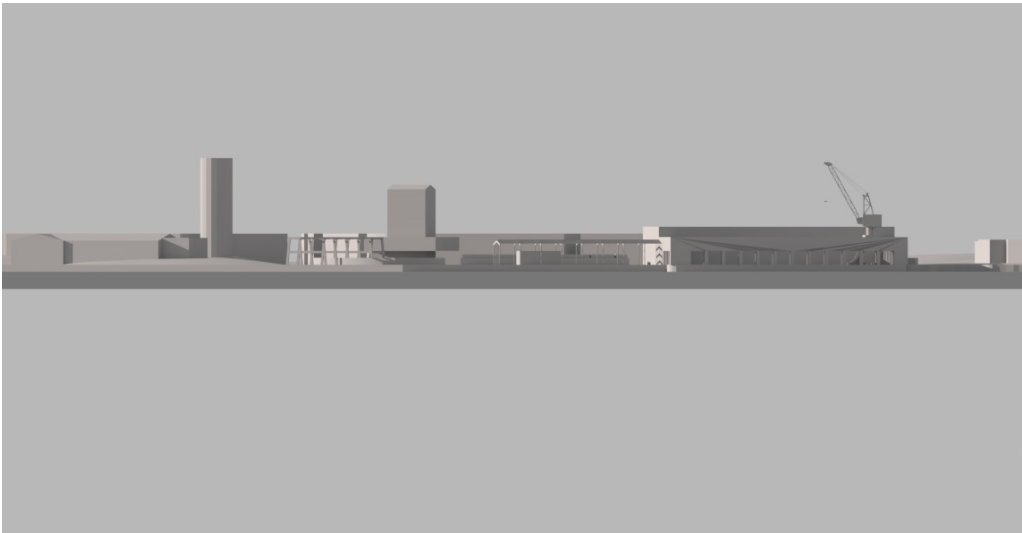
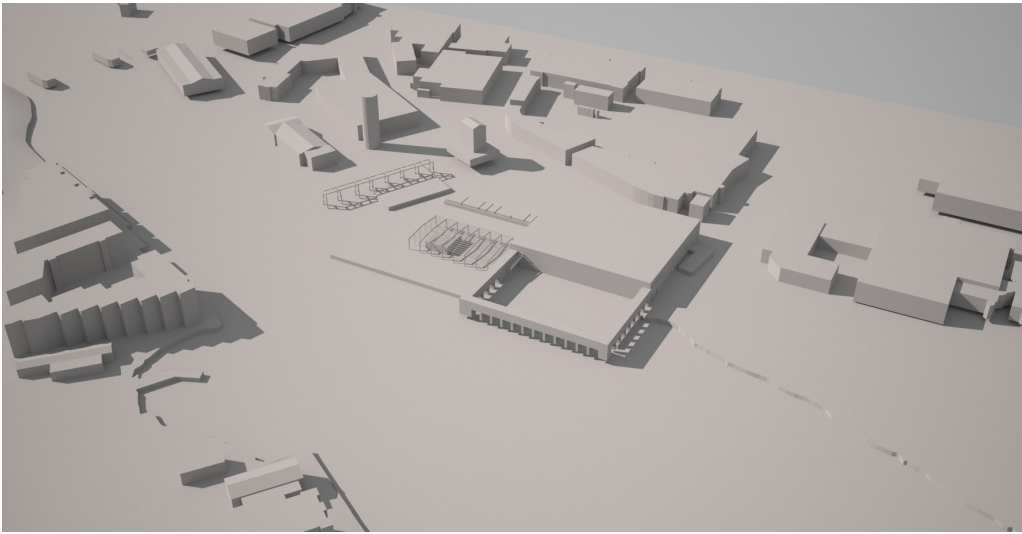
-Verkstedsteateret legges i det
store kvadratiske volumet som knytter
seg på "hagen".

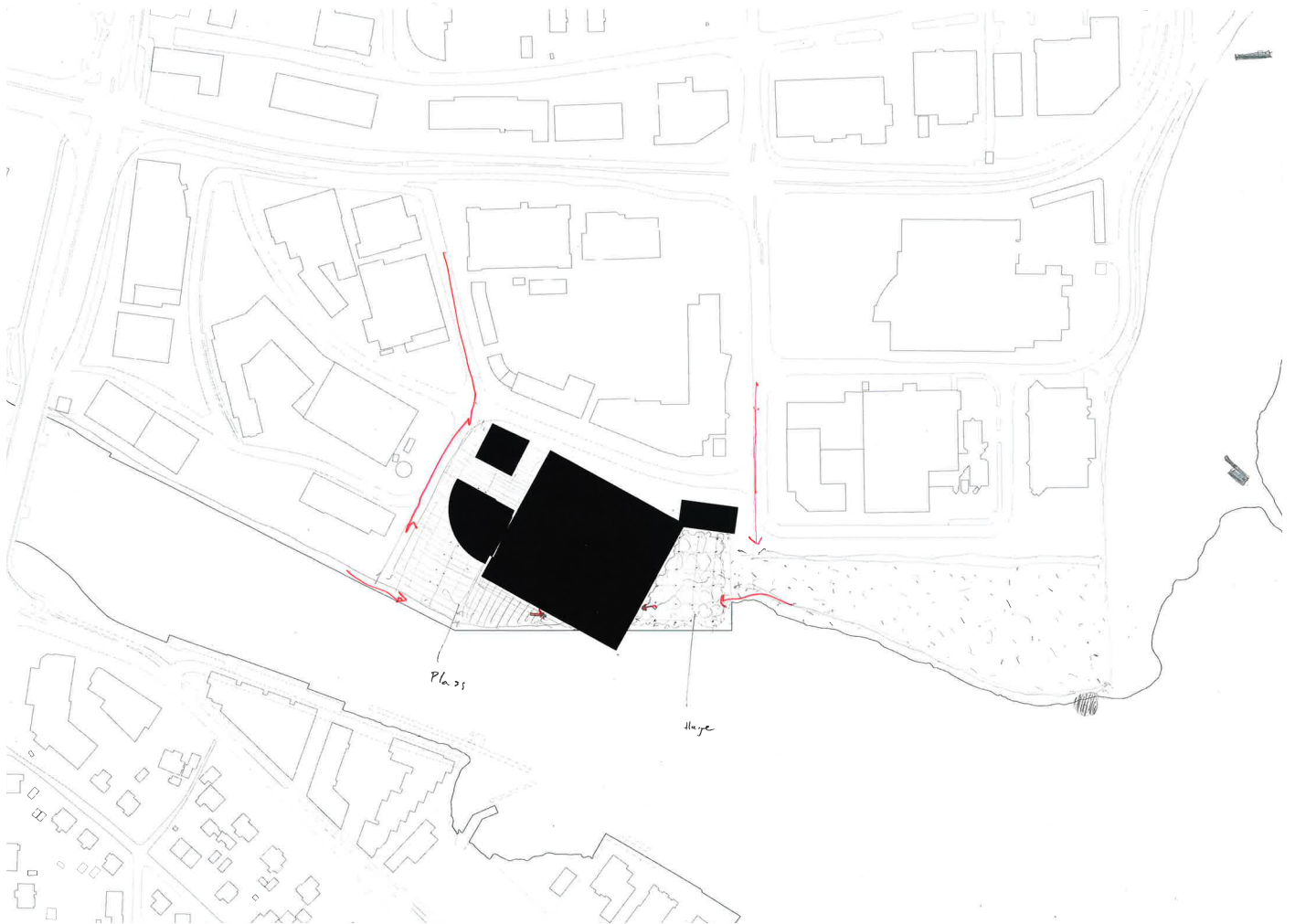
Teater-scenene ligger som skulpturer
tilknyttet de eksisterende strukturerne

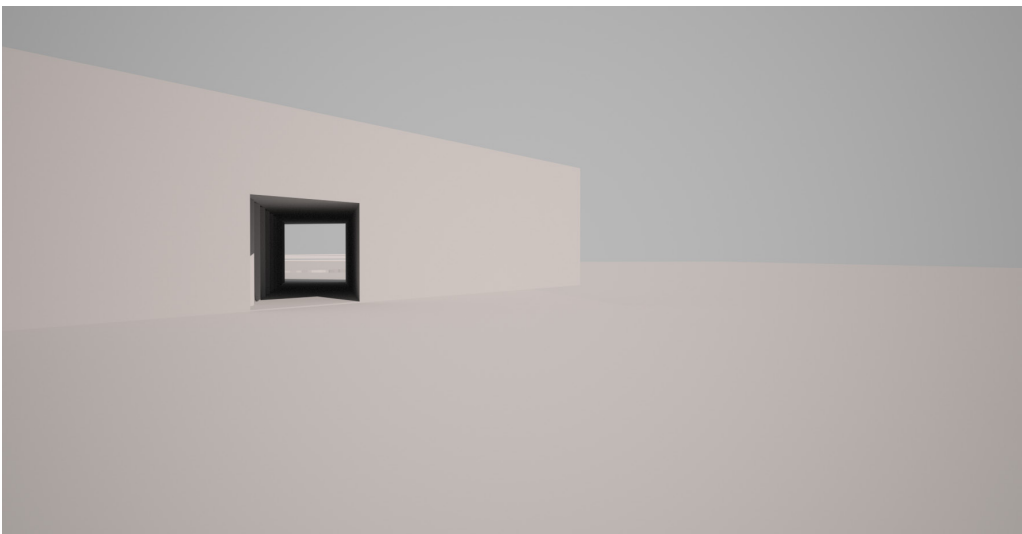
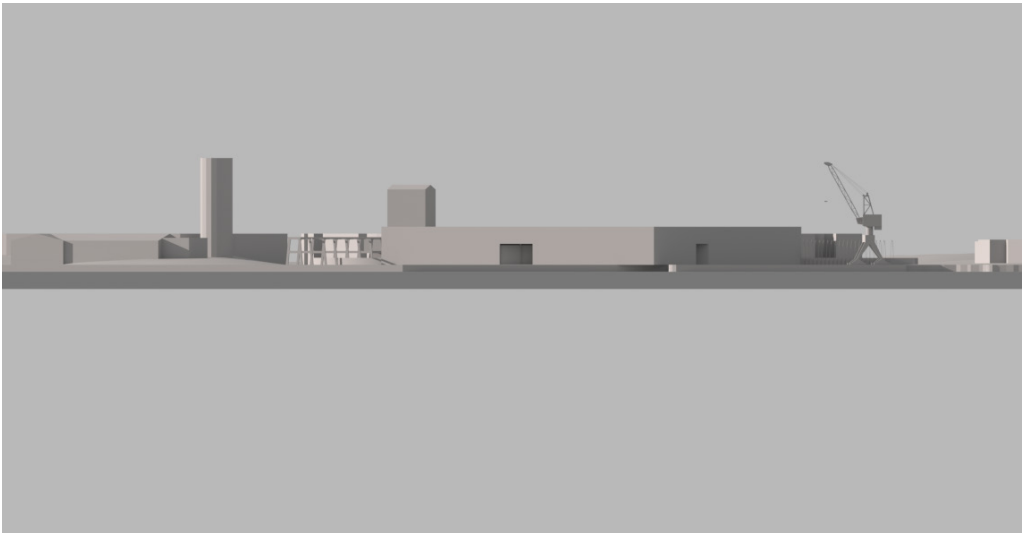
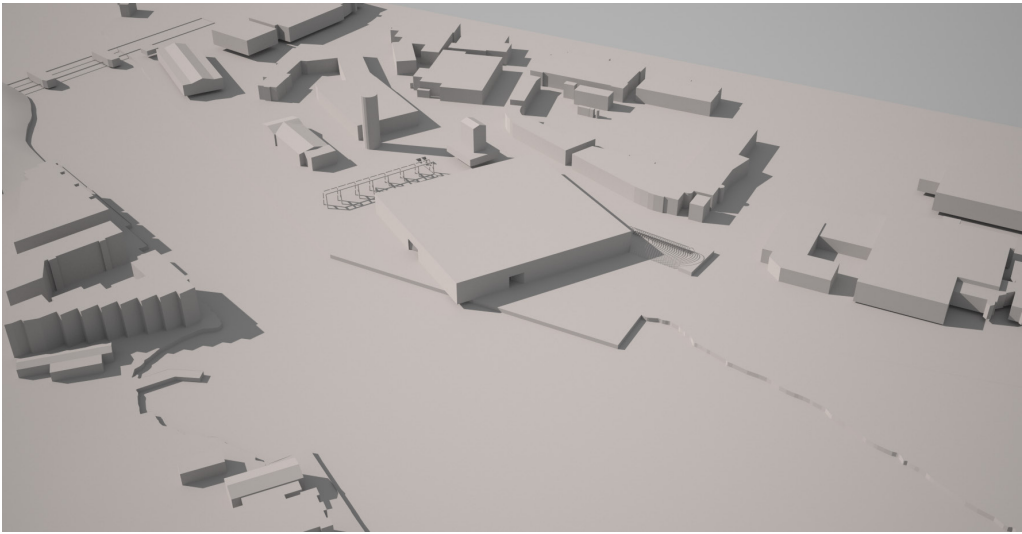
TEATERHAGEN

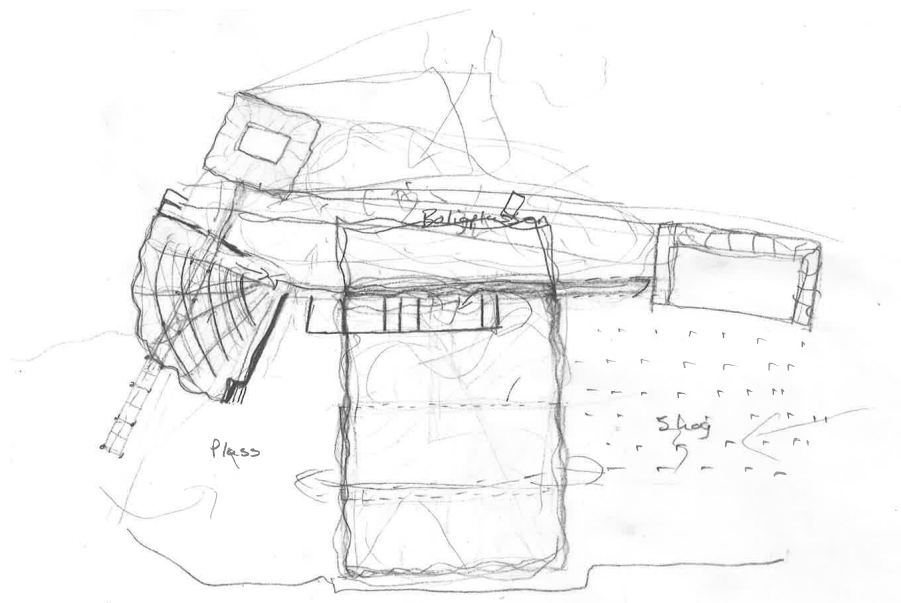
- En rampe knytter volumene
sammen. Denne fortsetter også
inne i verkstedsteateret.

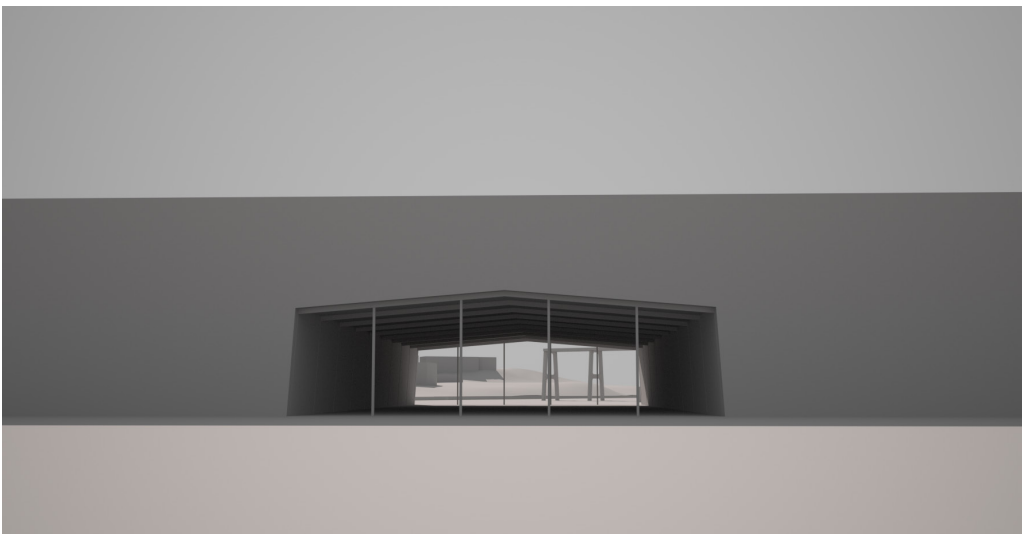
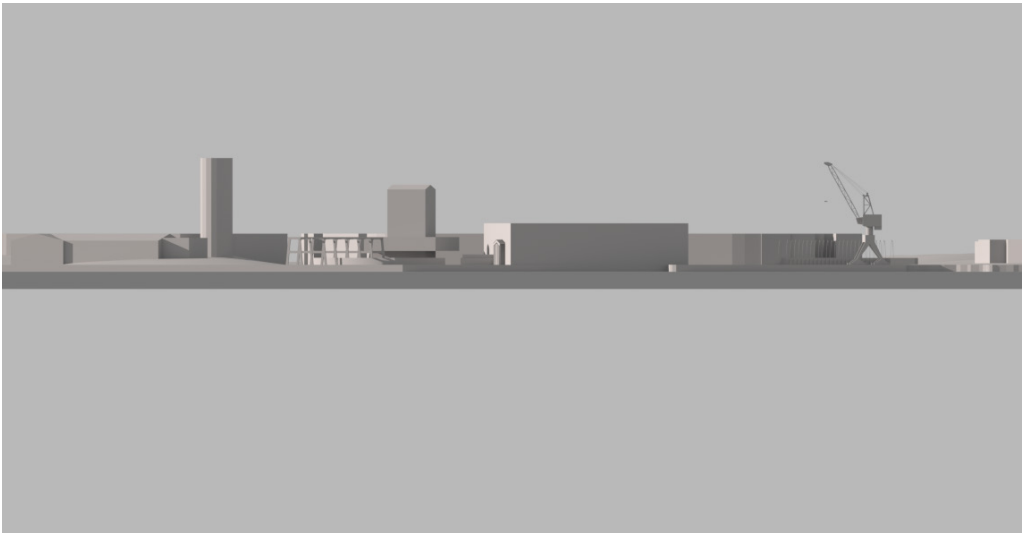
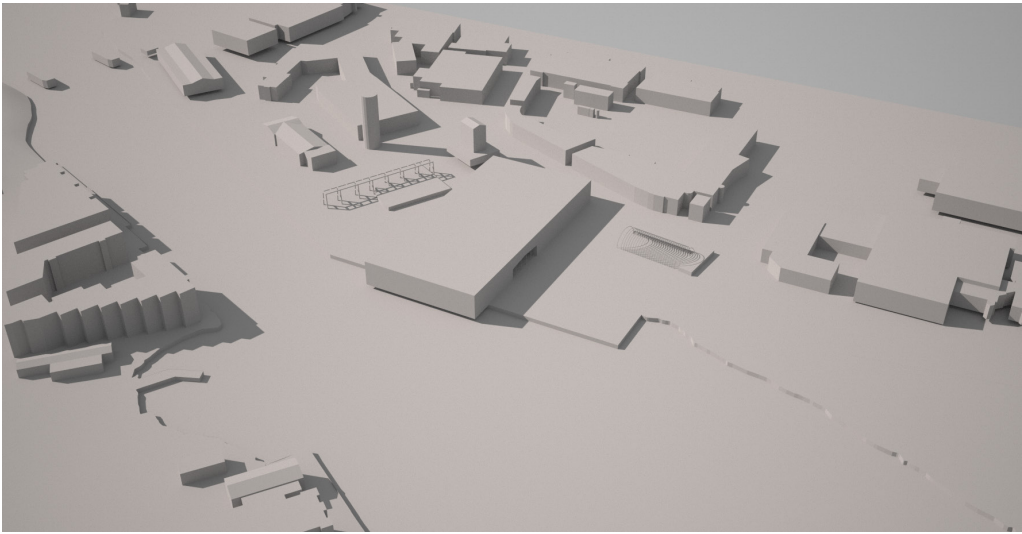


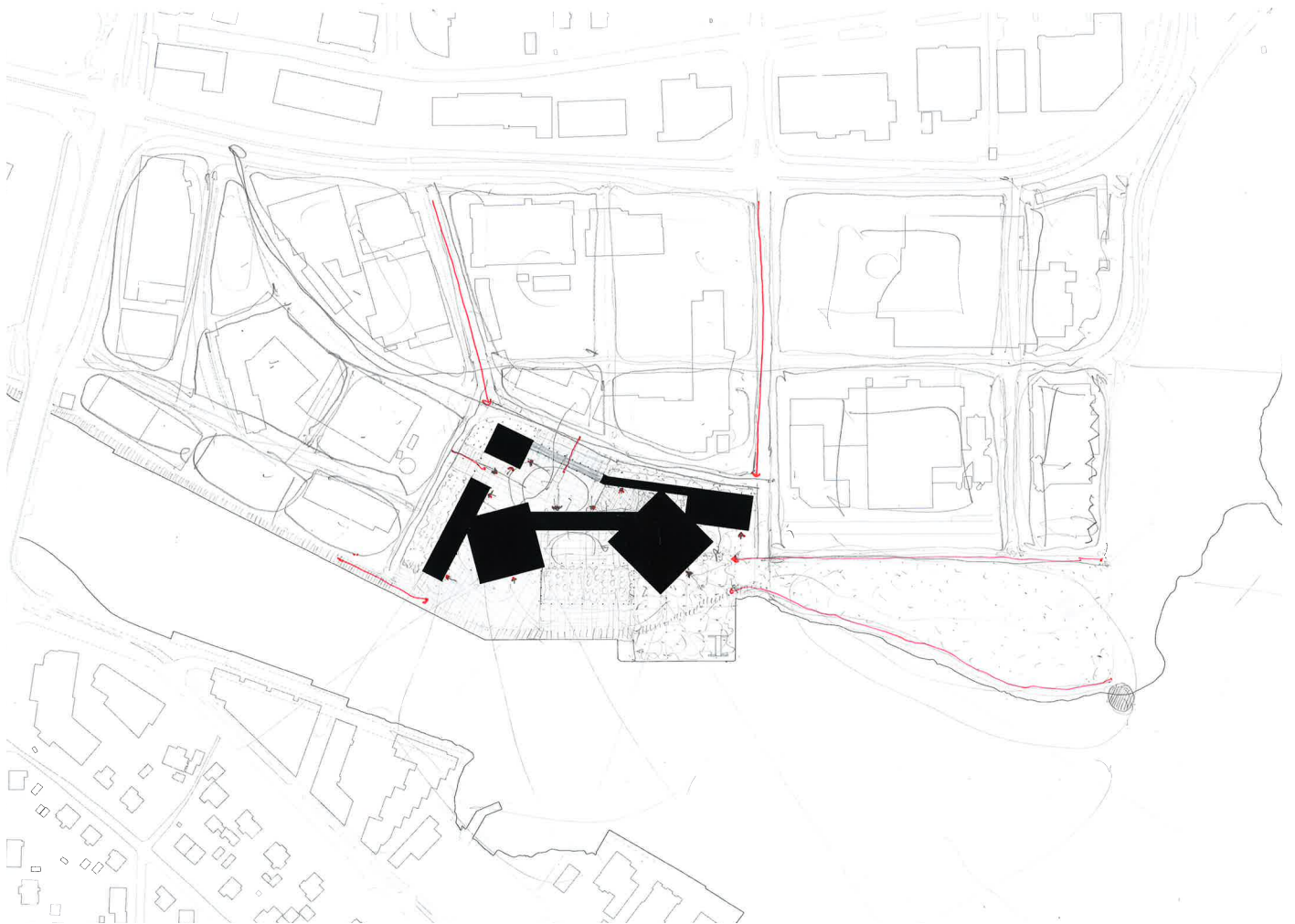
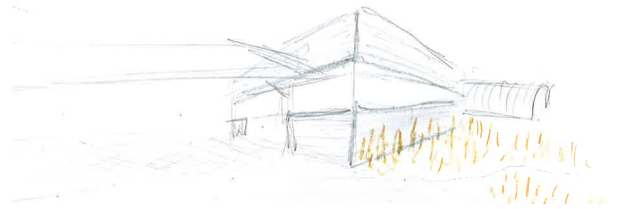
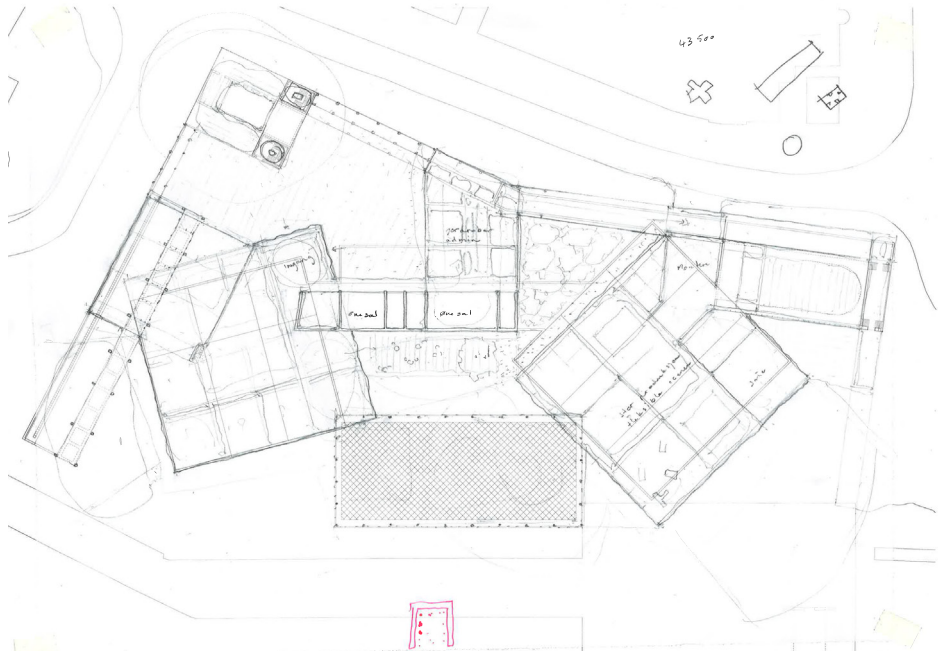


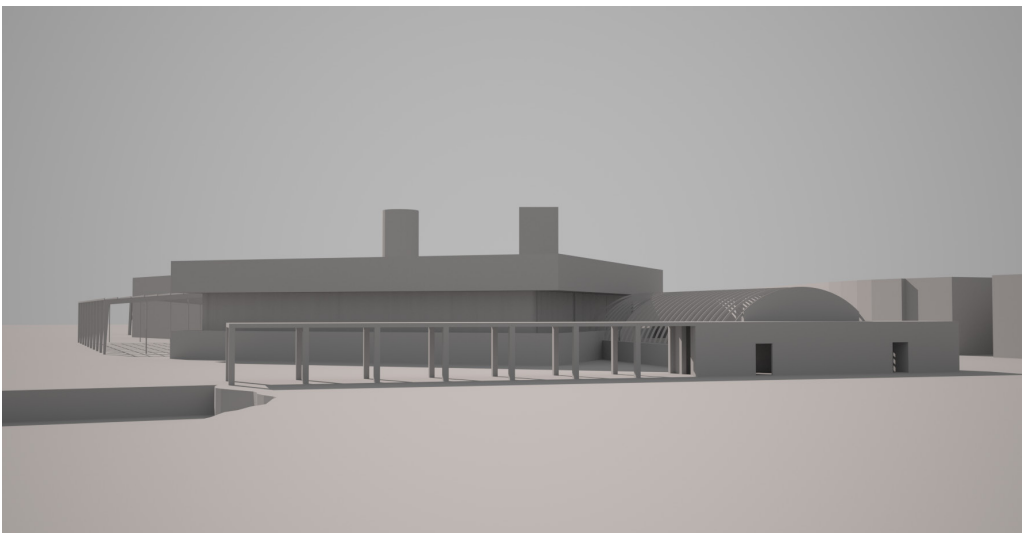
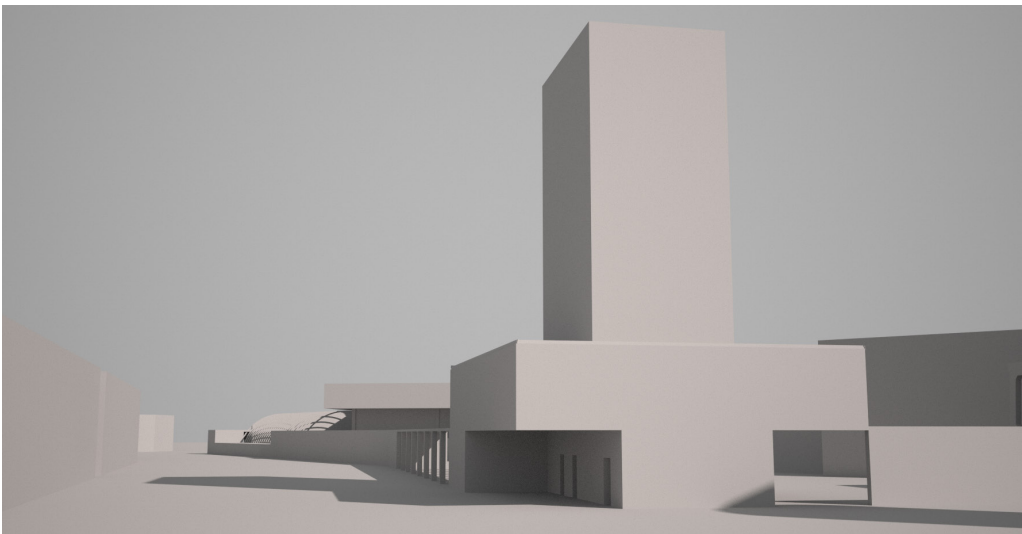
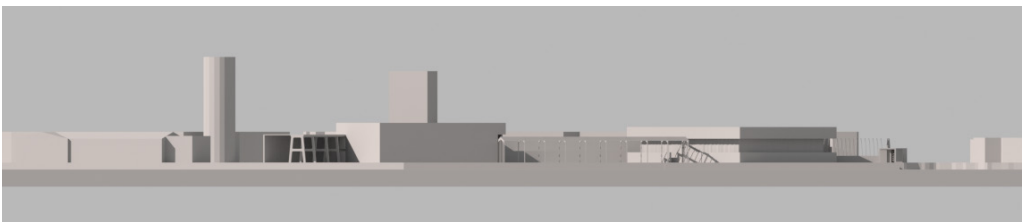
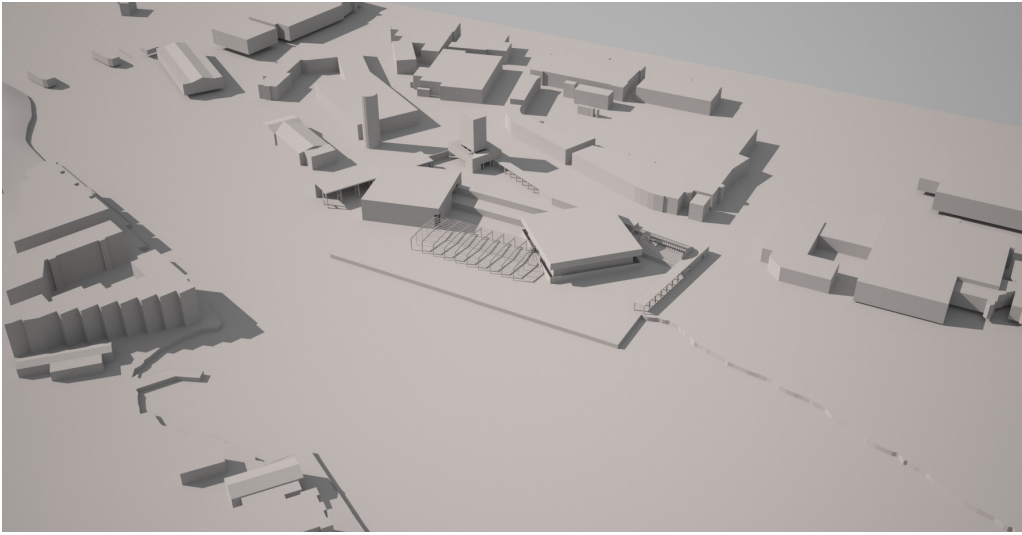


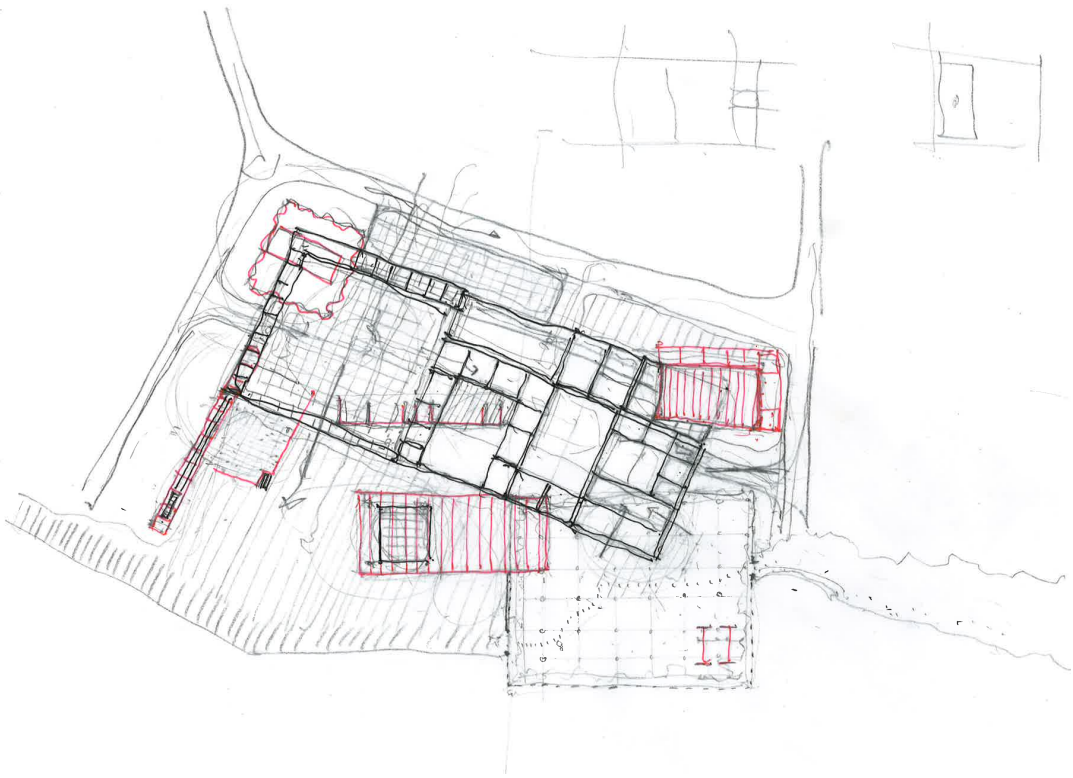


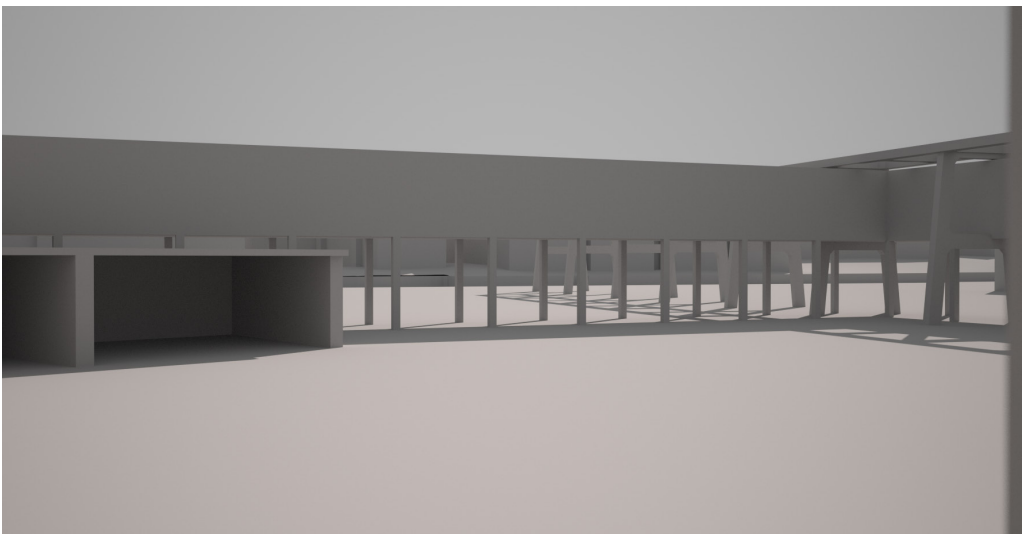
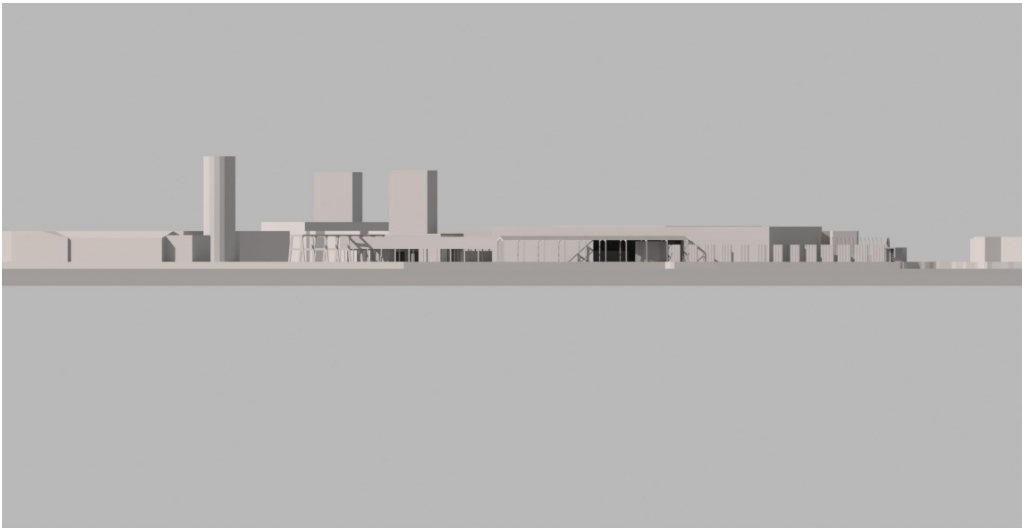
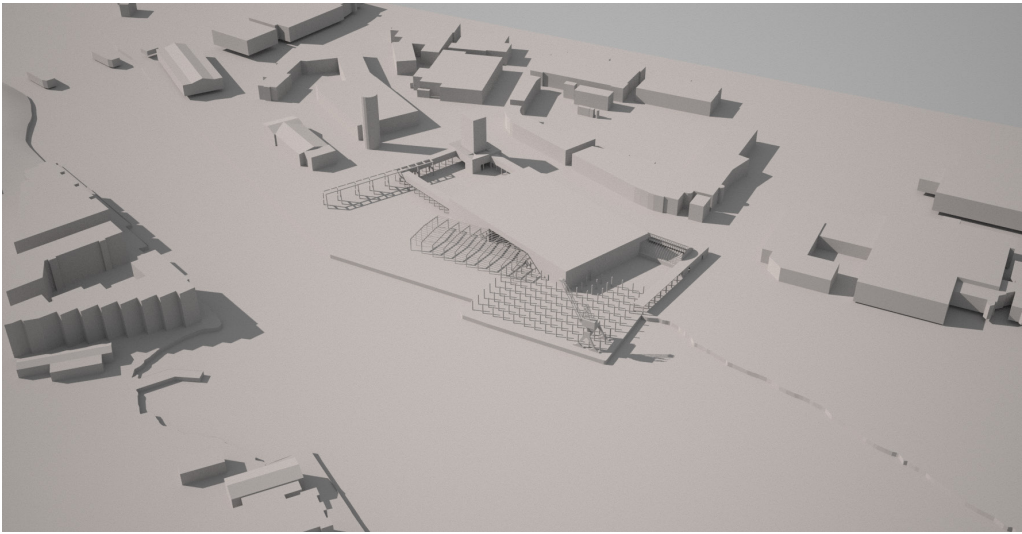






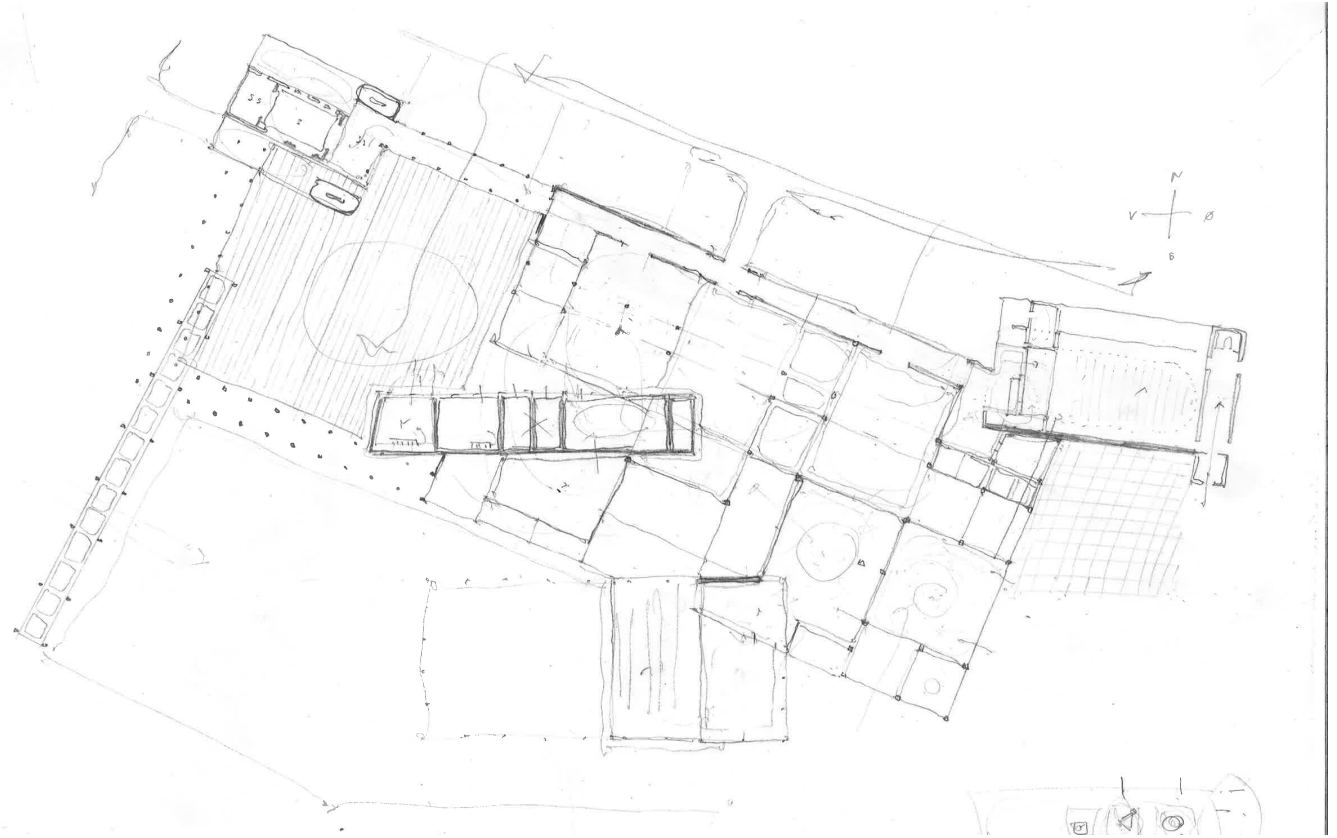




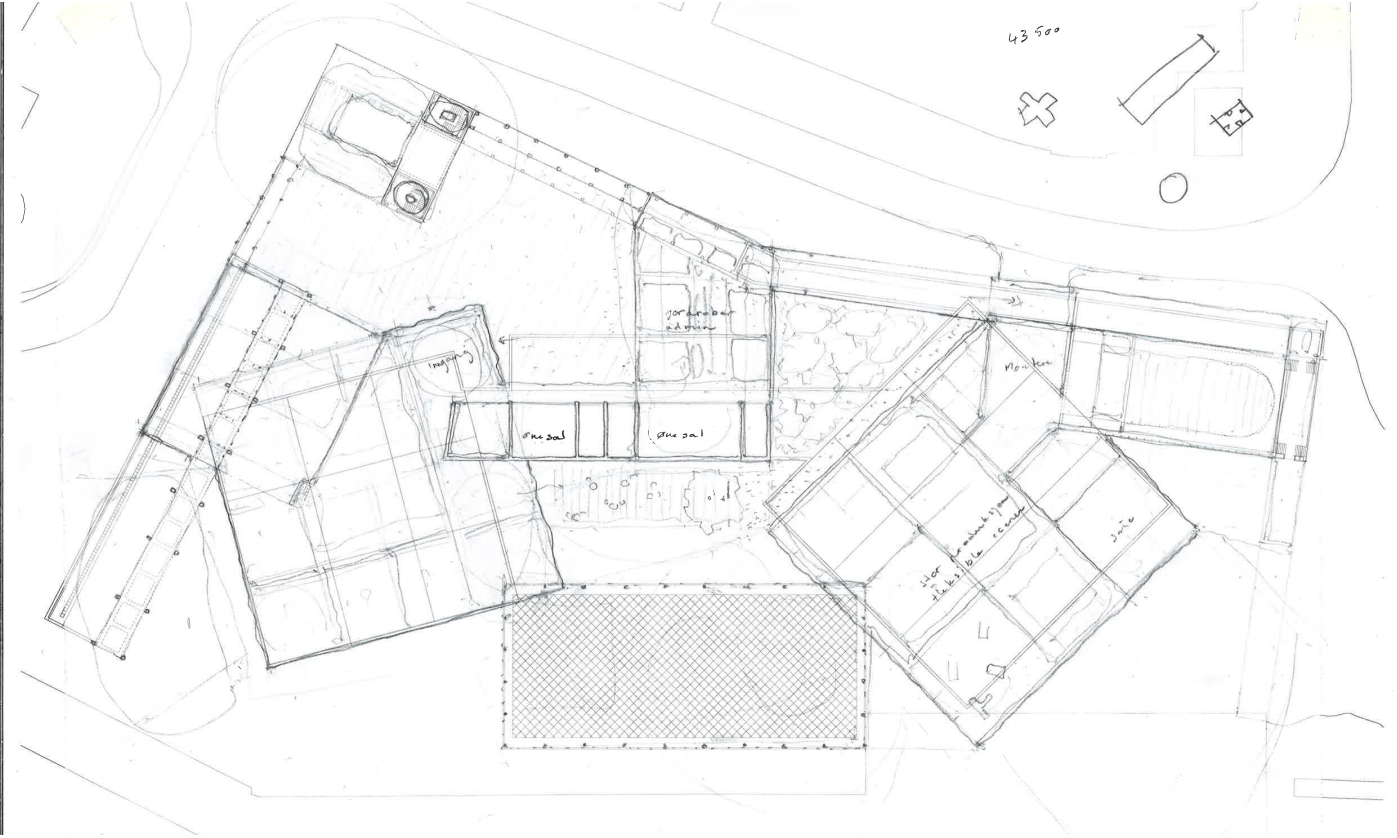


Utvalgte plankonsepter

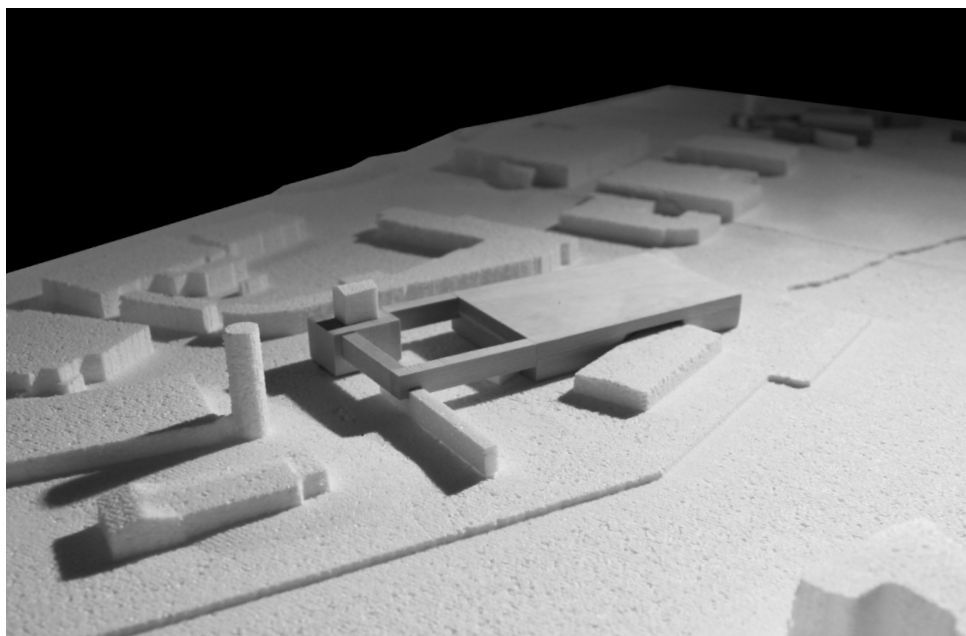
Et volum med atrium



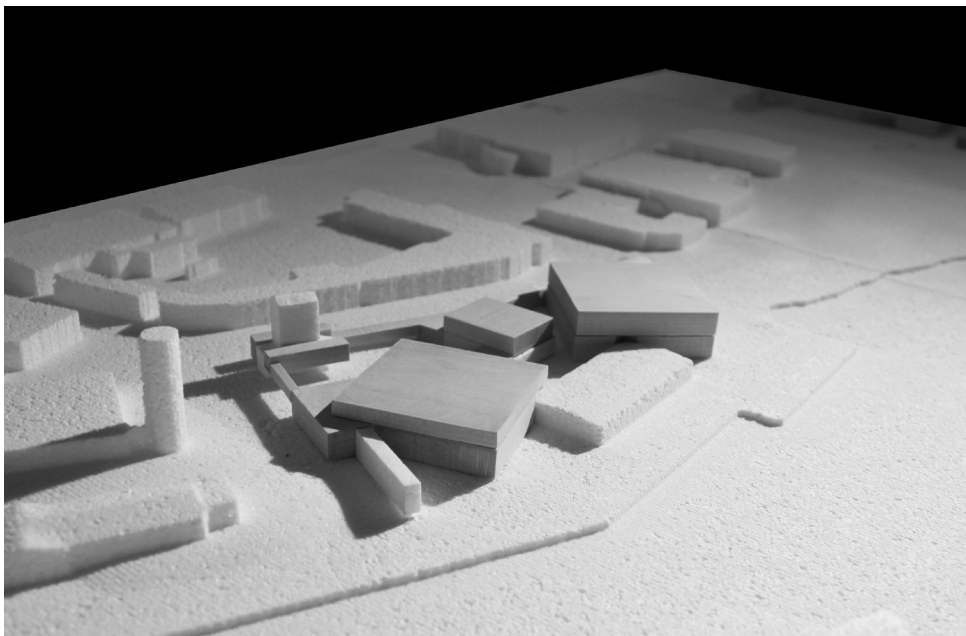
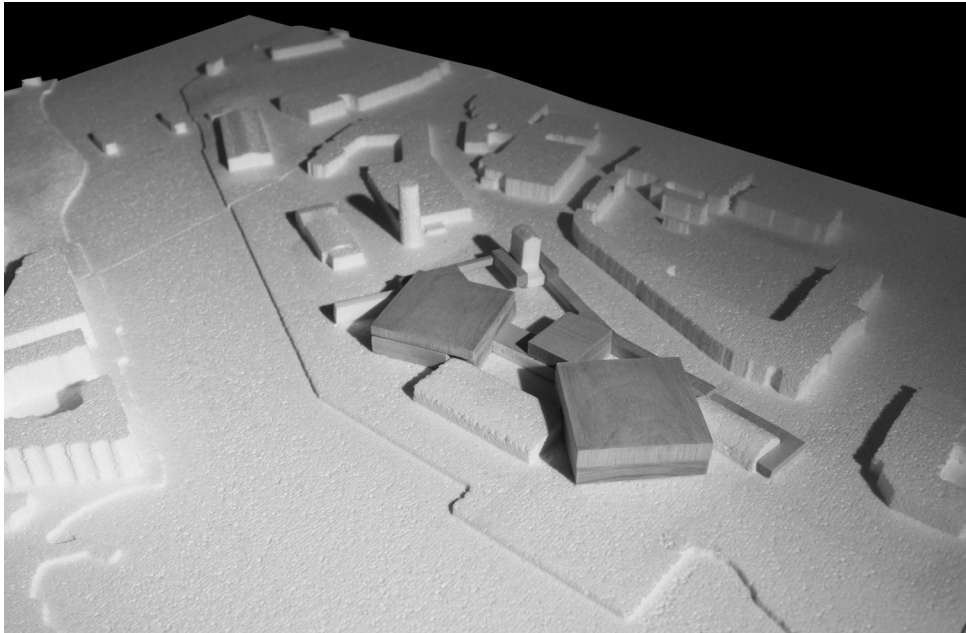
To volumer

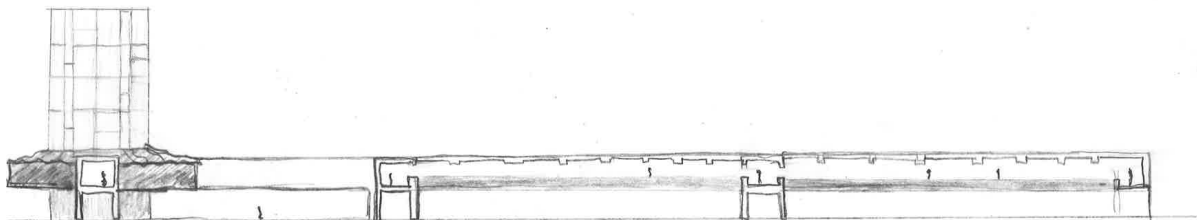
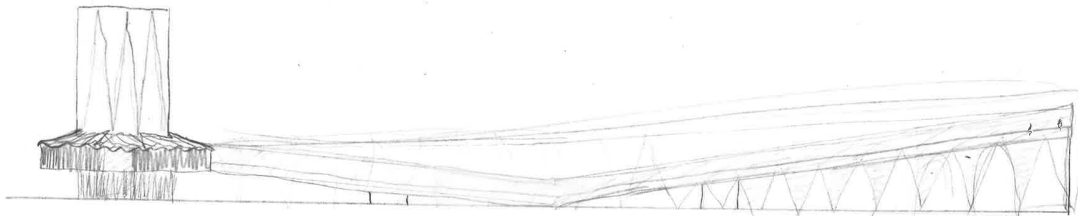
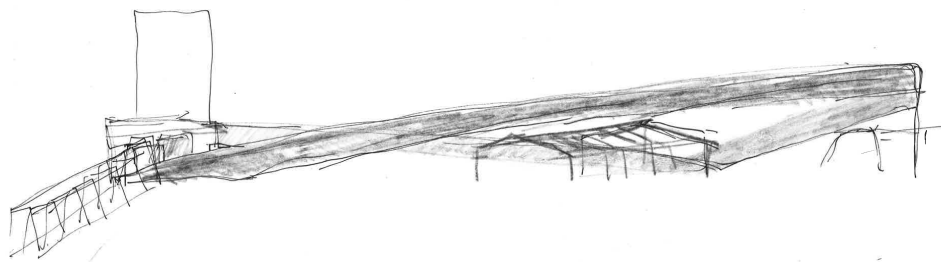
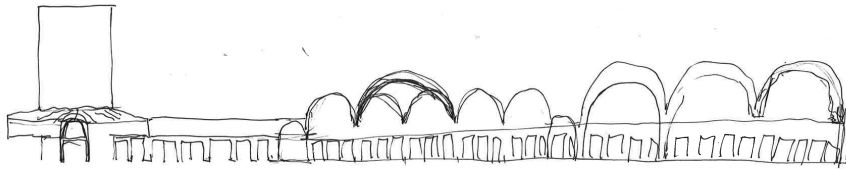


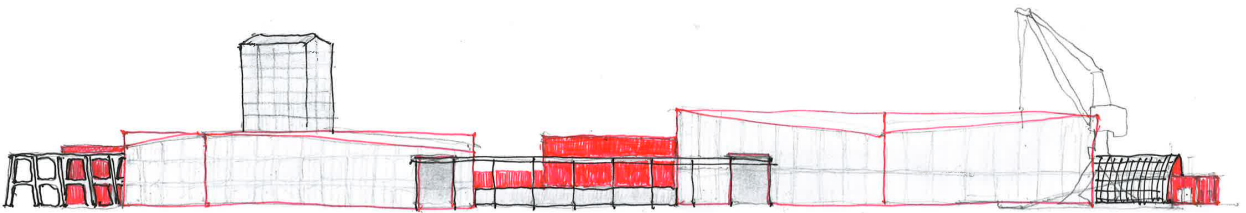
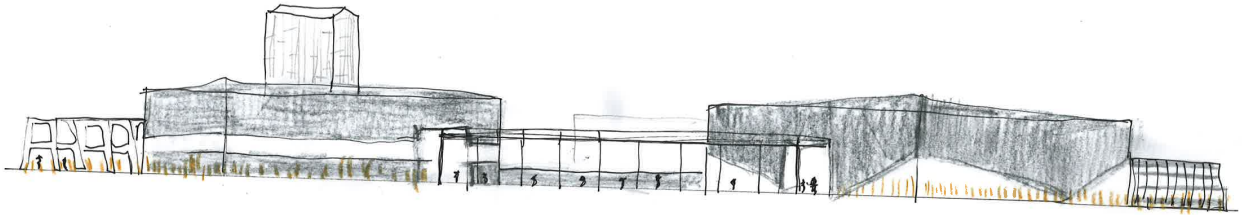
Et volum med atrium

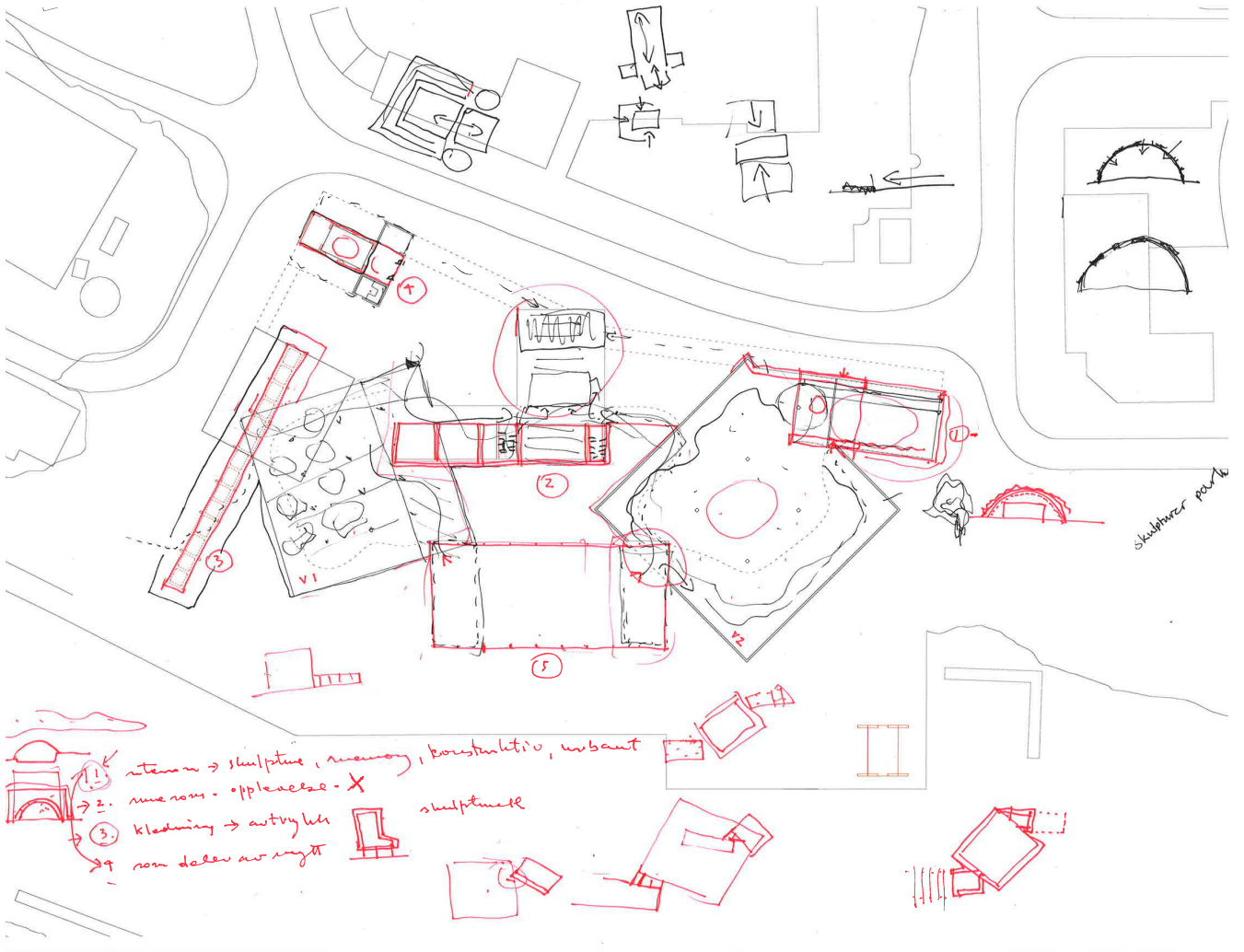


To volumer





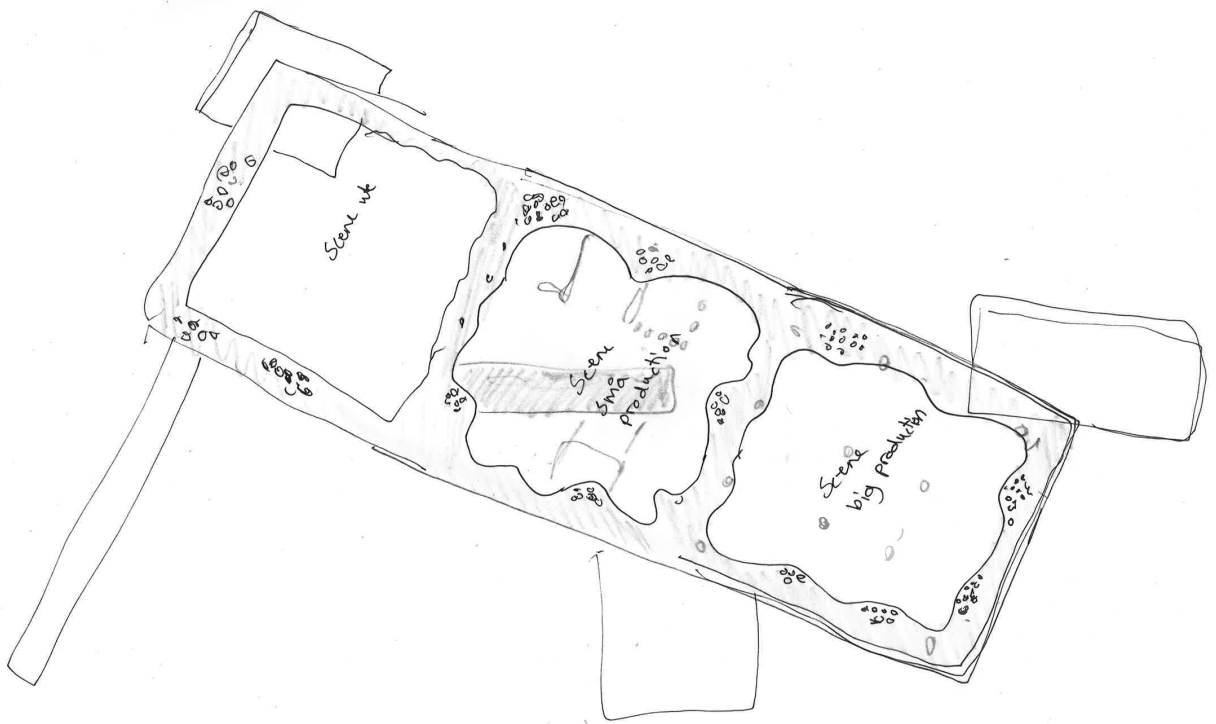




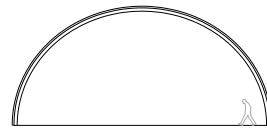
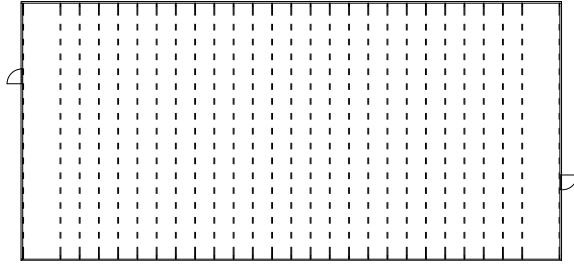
1. ritning → skulptur, memory, konstruktiv, urban
 2. rum - opplevelse - X
 3. kledning → avtrykk
 4. som deler av segt

skulptur





Stages in the existing strukturs



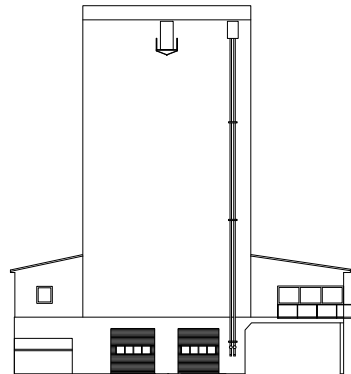
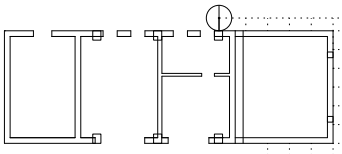
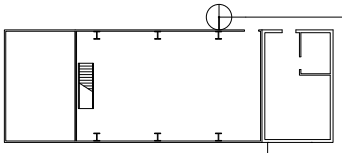
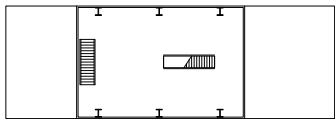
Fixed stage:

Area (ground plan): 500m²

Length: 32,5m

Width: 15,5m

Max high: 7,1m



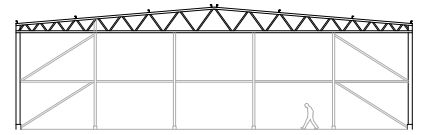
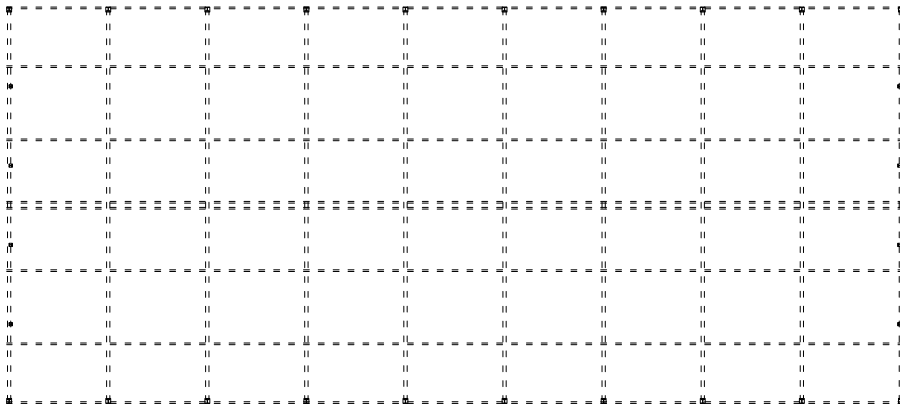
Fixed stage:

Area (ground plan): 183,3m²

Length: 23,2m

Width: 7,9m

Max high: 26m



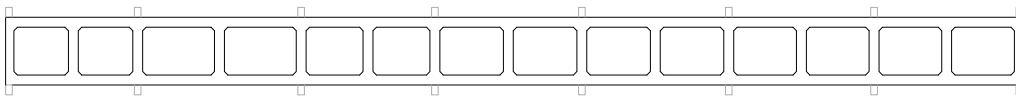
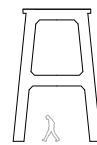
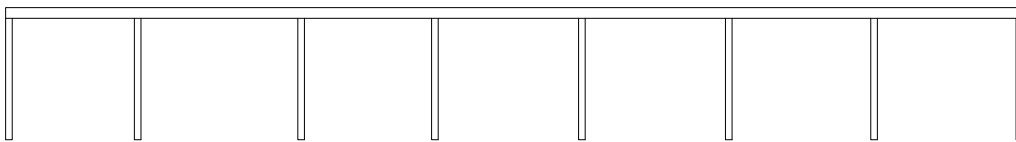
Flexible stage:

Area (ground plan): 1303m²

Length: 54,3m

Width: 24m

Max high: 7,5m



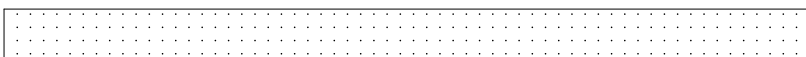
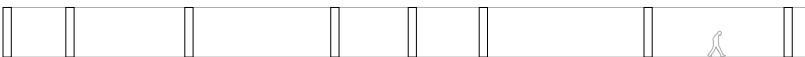
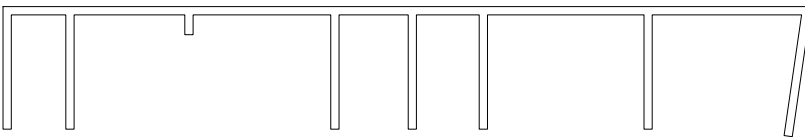
Outdoor stage:

Area (ground plan): 326,5m²

Length: 61,6m

Width: 5,3m

Max high: 8m



Rehearsal stage:

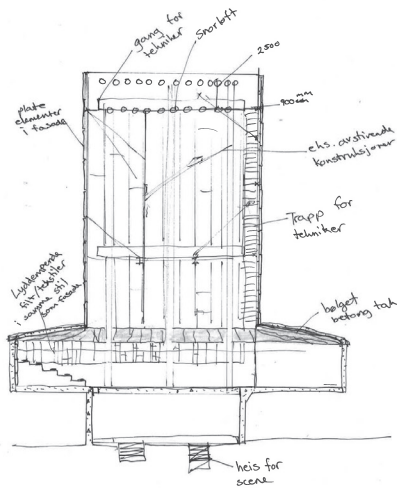
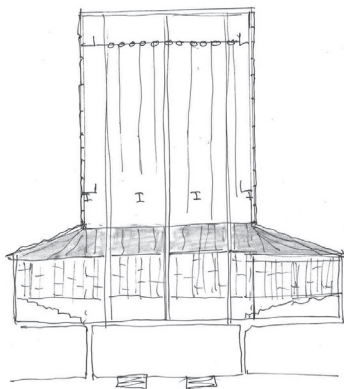
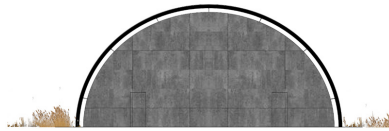
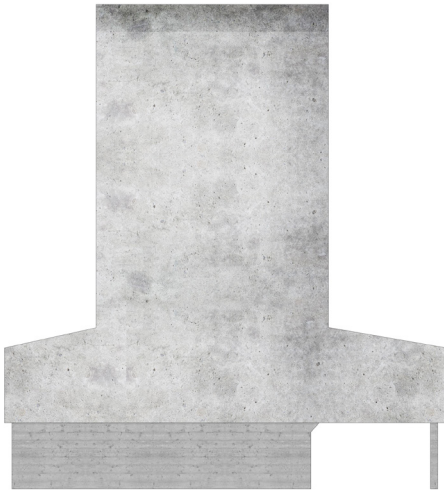
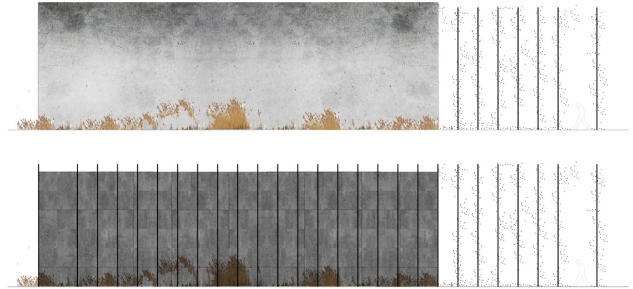
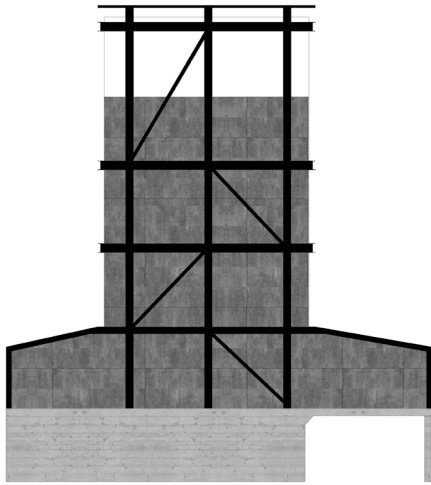
Area (ground plan): 333m²

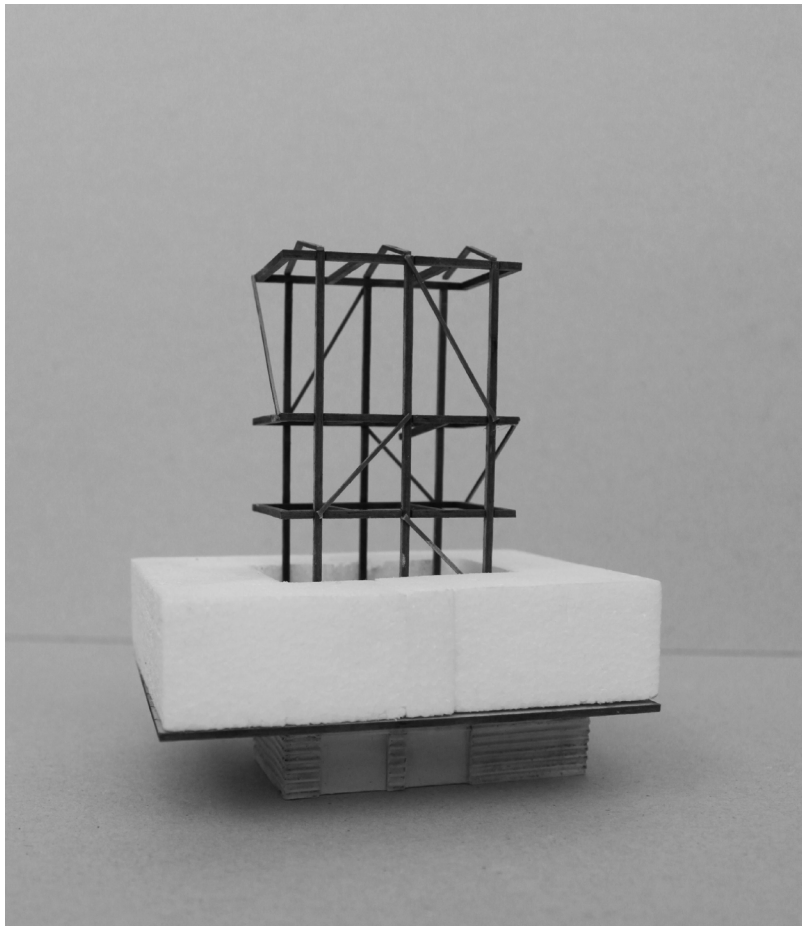
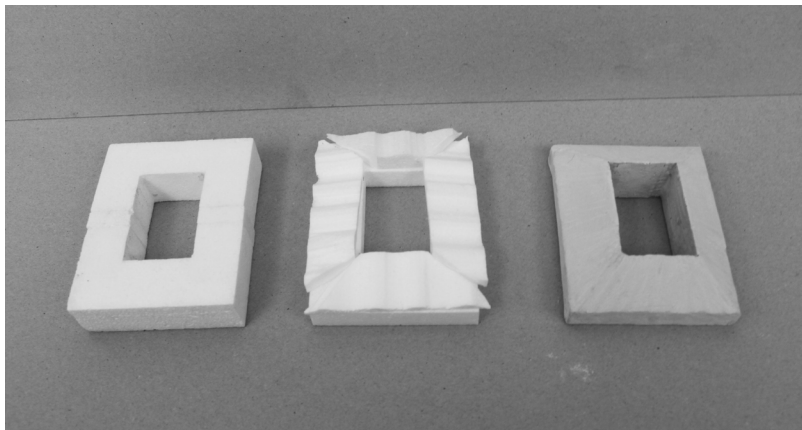
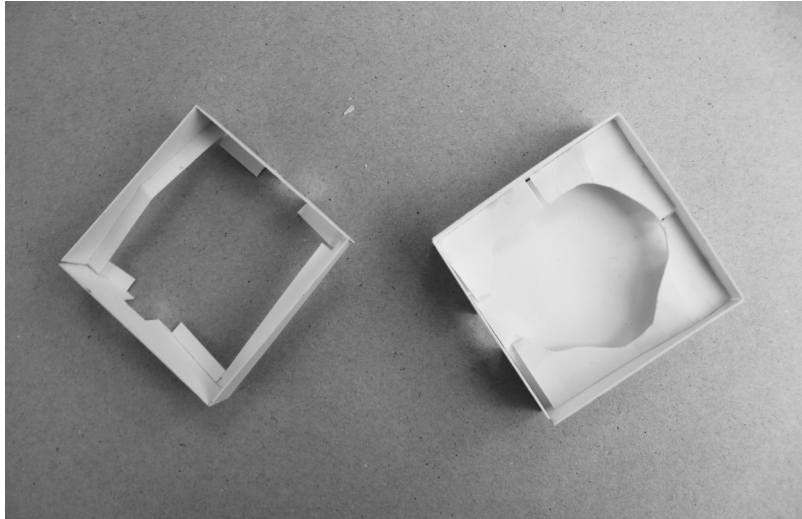
Length: 45,1m

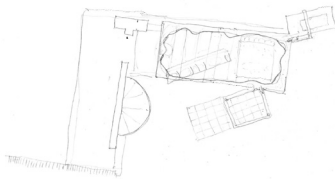
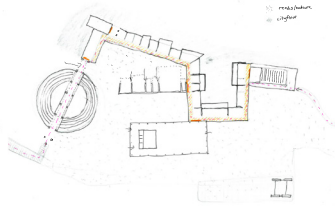
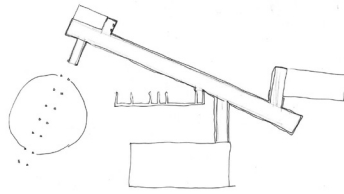
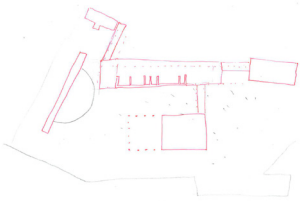
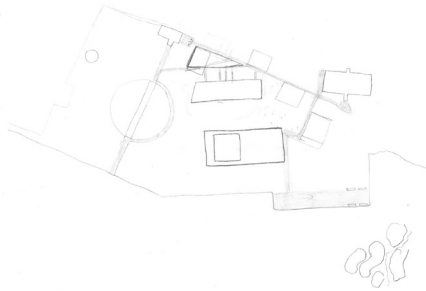
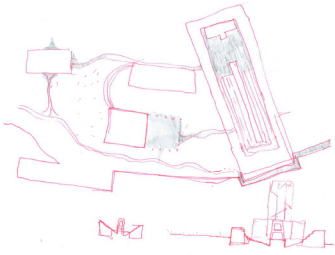
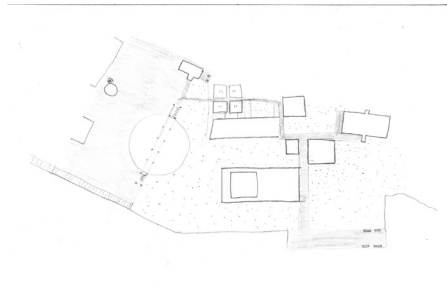
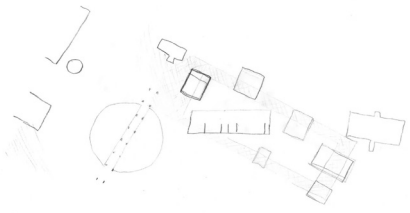
Width: 7,9m

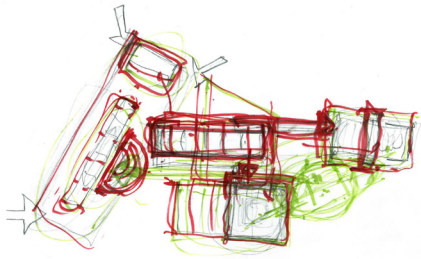
Max high: 3m

UKE 10

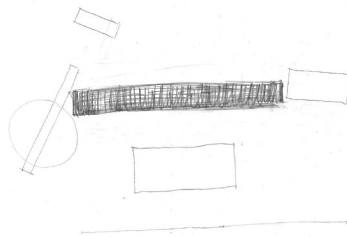
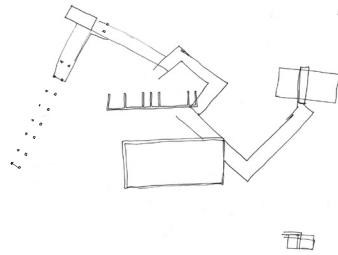
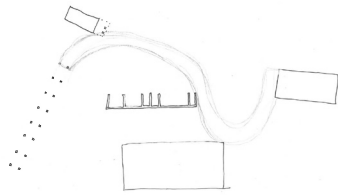


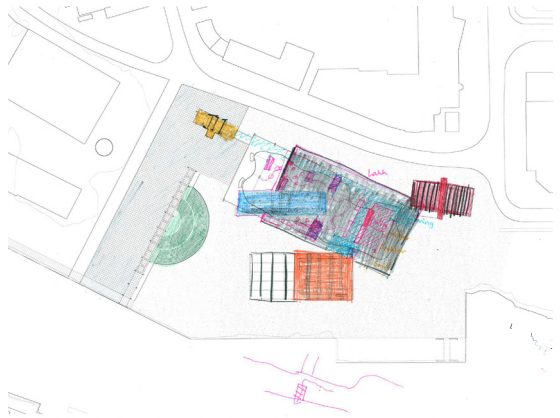
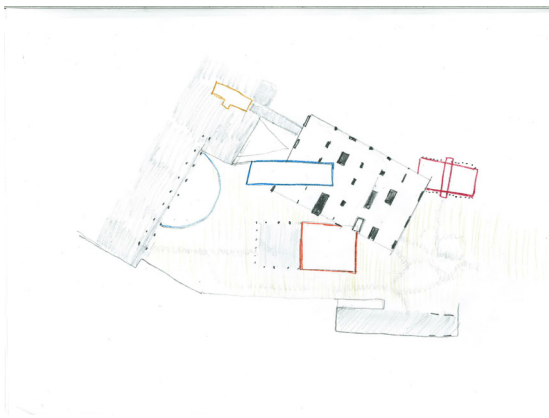
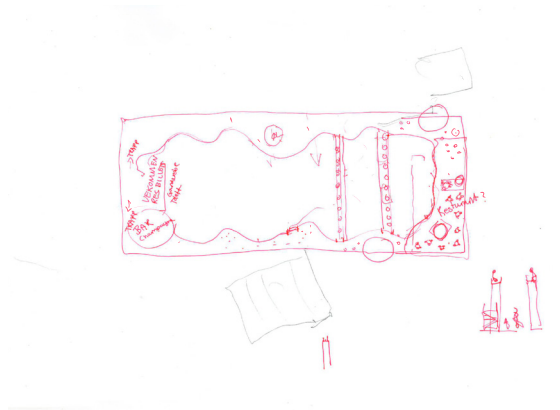
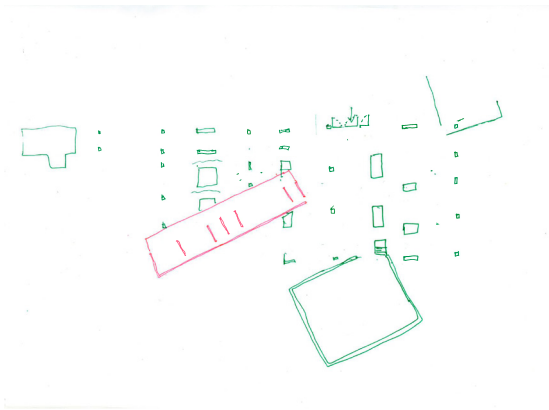
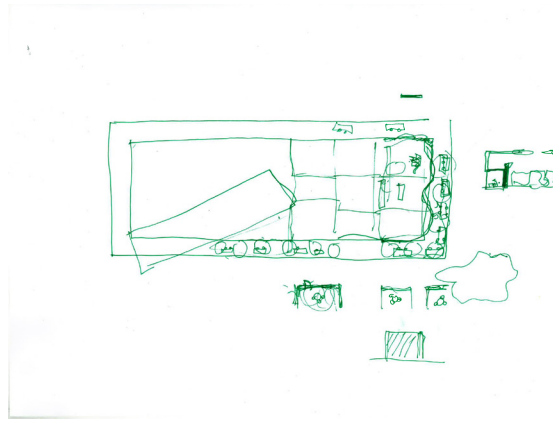
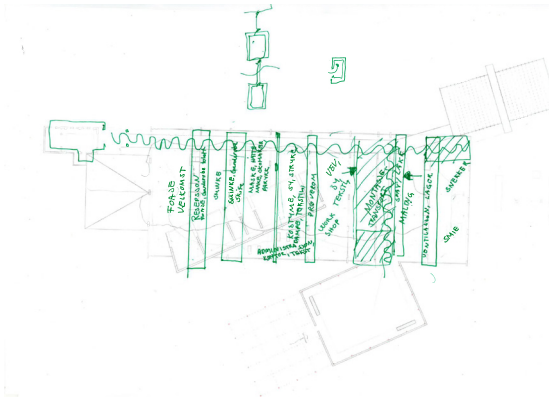


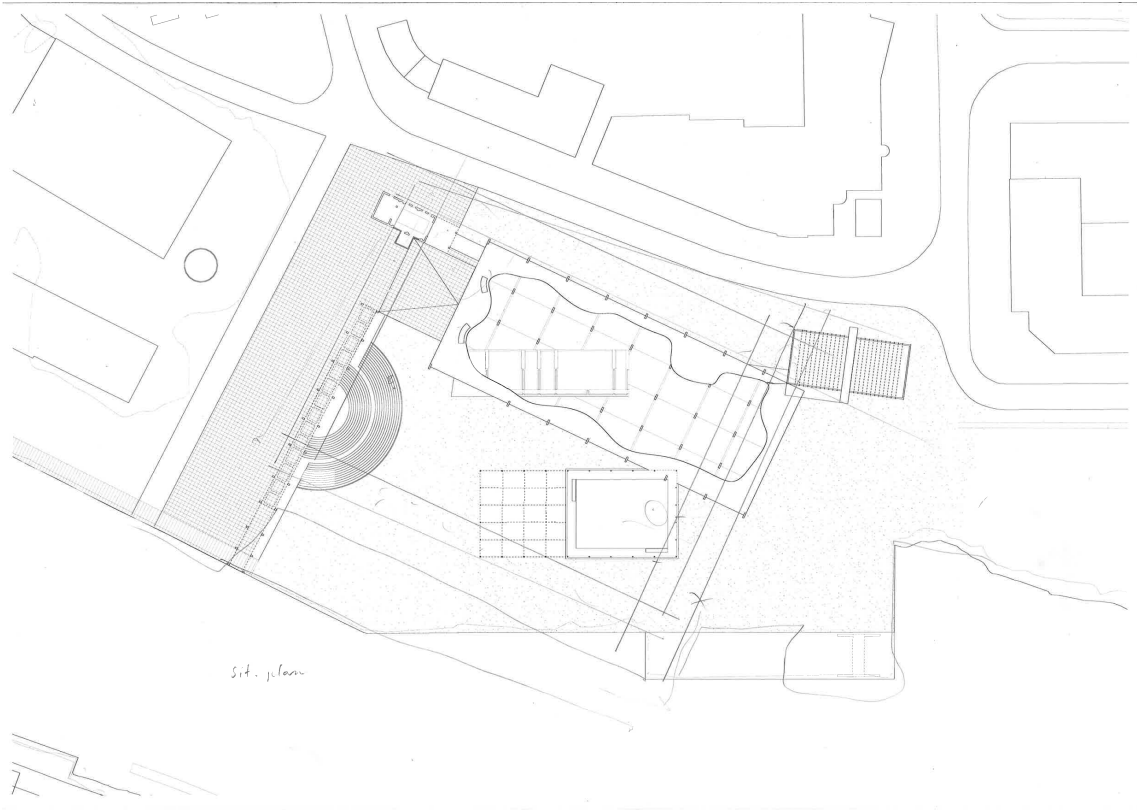
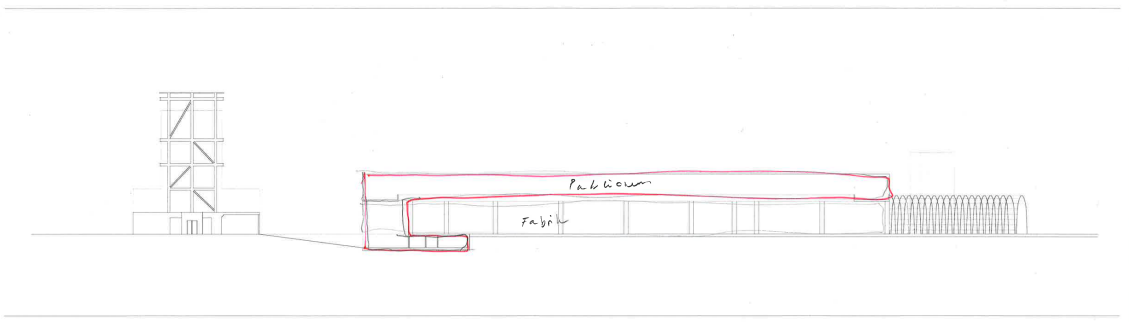


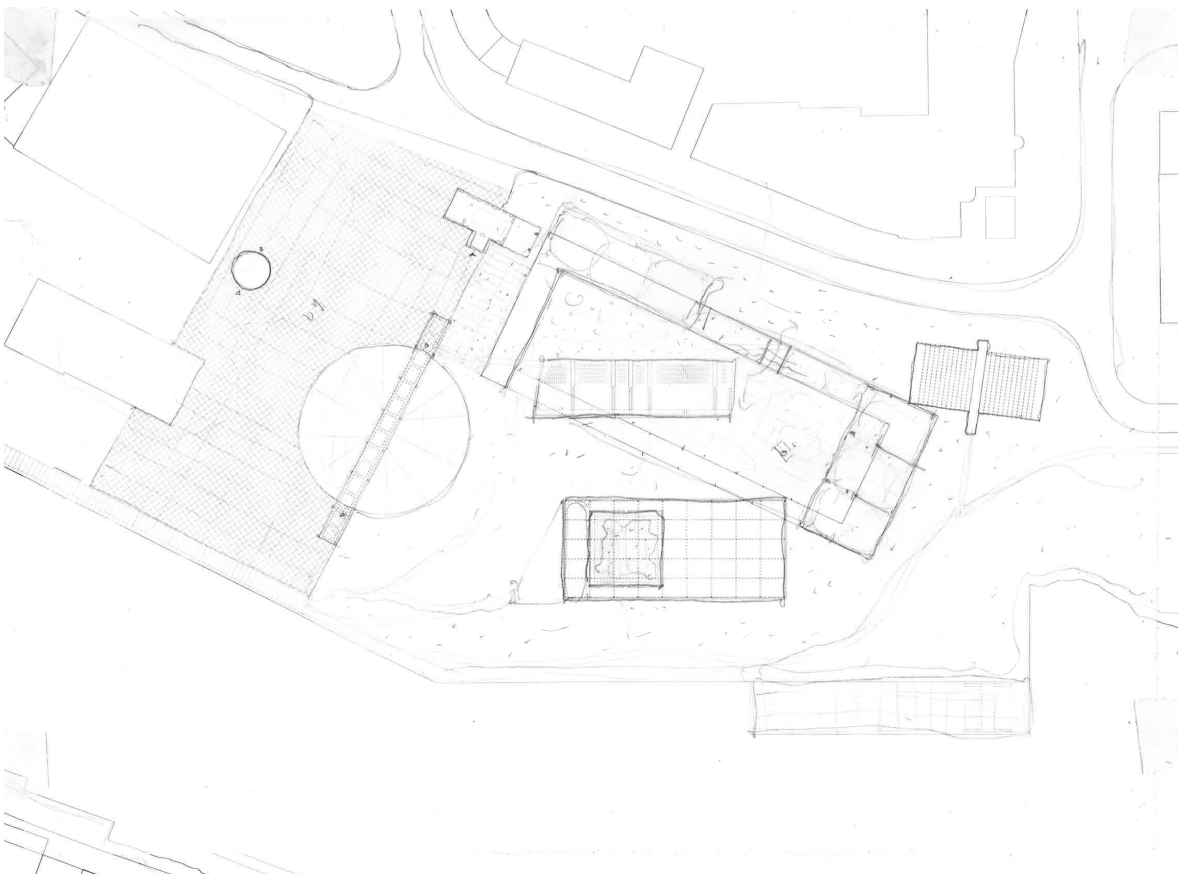
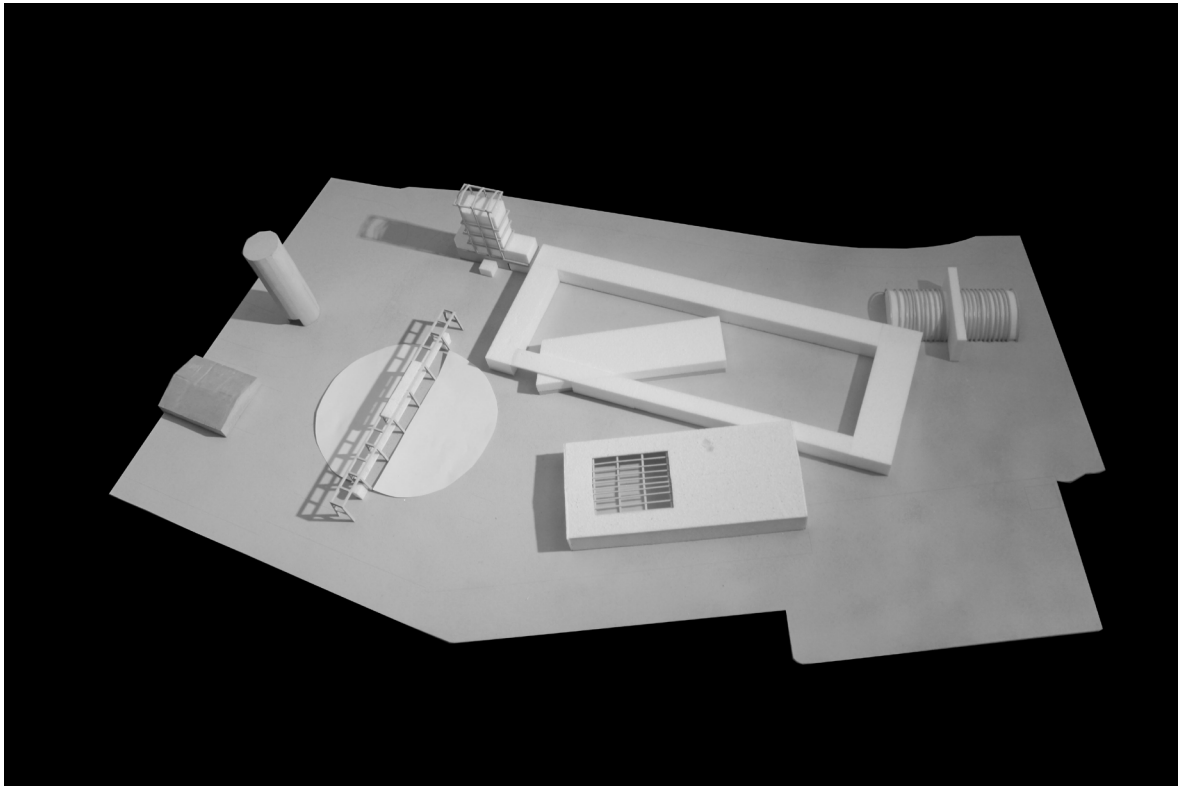


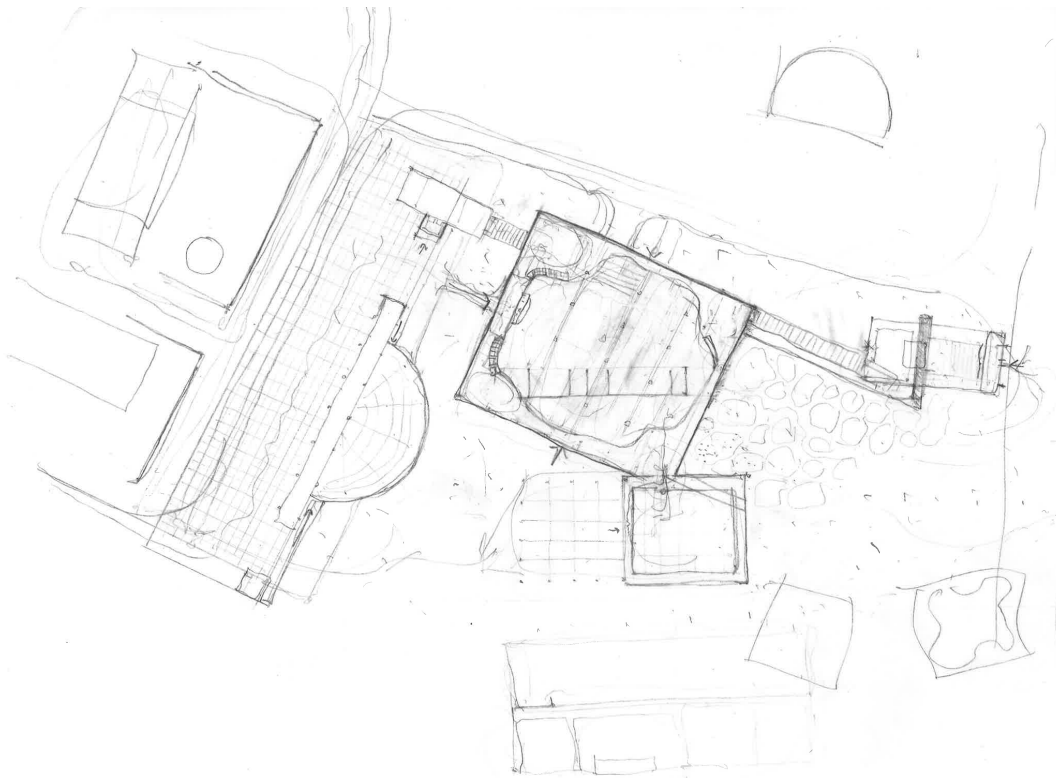
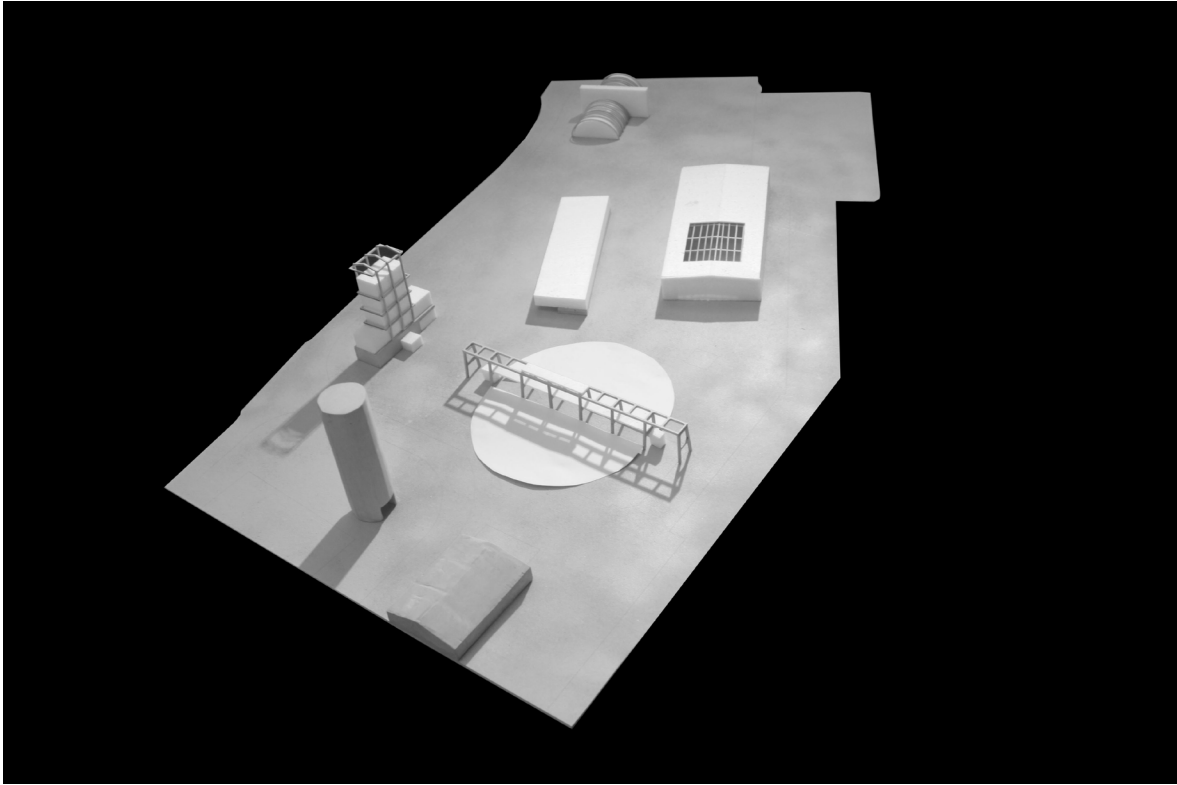
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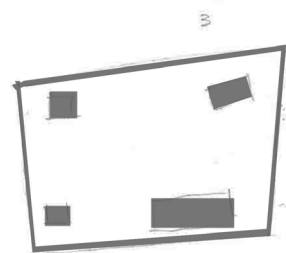
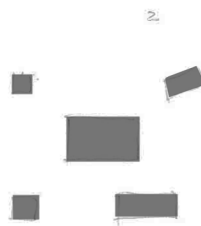
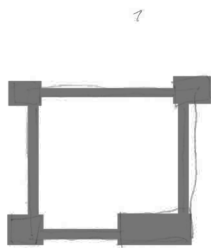




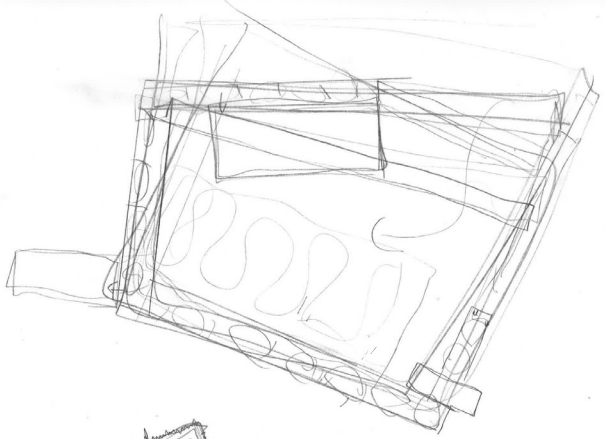
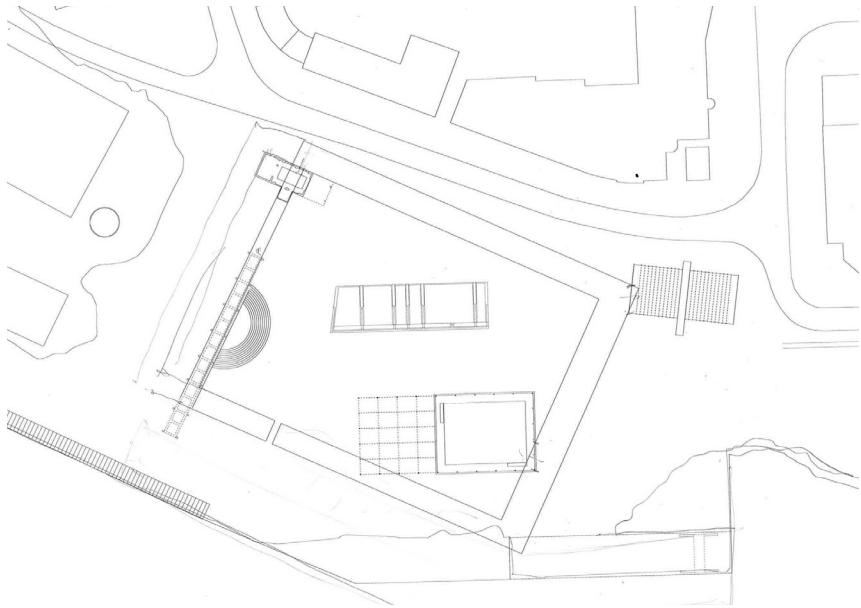








Alternative måter og forholde seg til situasjonene



L. Simpson
2.10.14

