

NY ISHOCKEYHALL TIL TØNSBERG VIKINGS -PROSESS

Masteroppgave,
Master i Arkitektur, vår 2014.

Av Kristian Borrebæk

Innhold

Forberedelser

Tomt

Prosjekt

Park

Konstruksjon

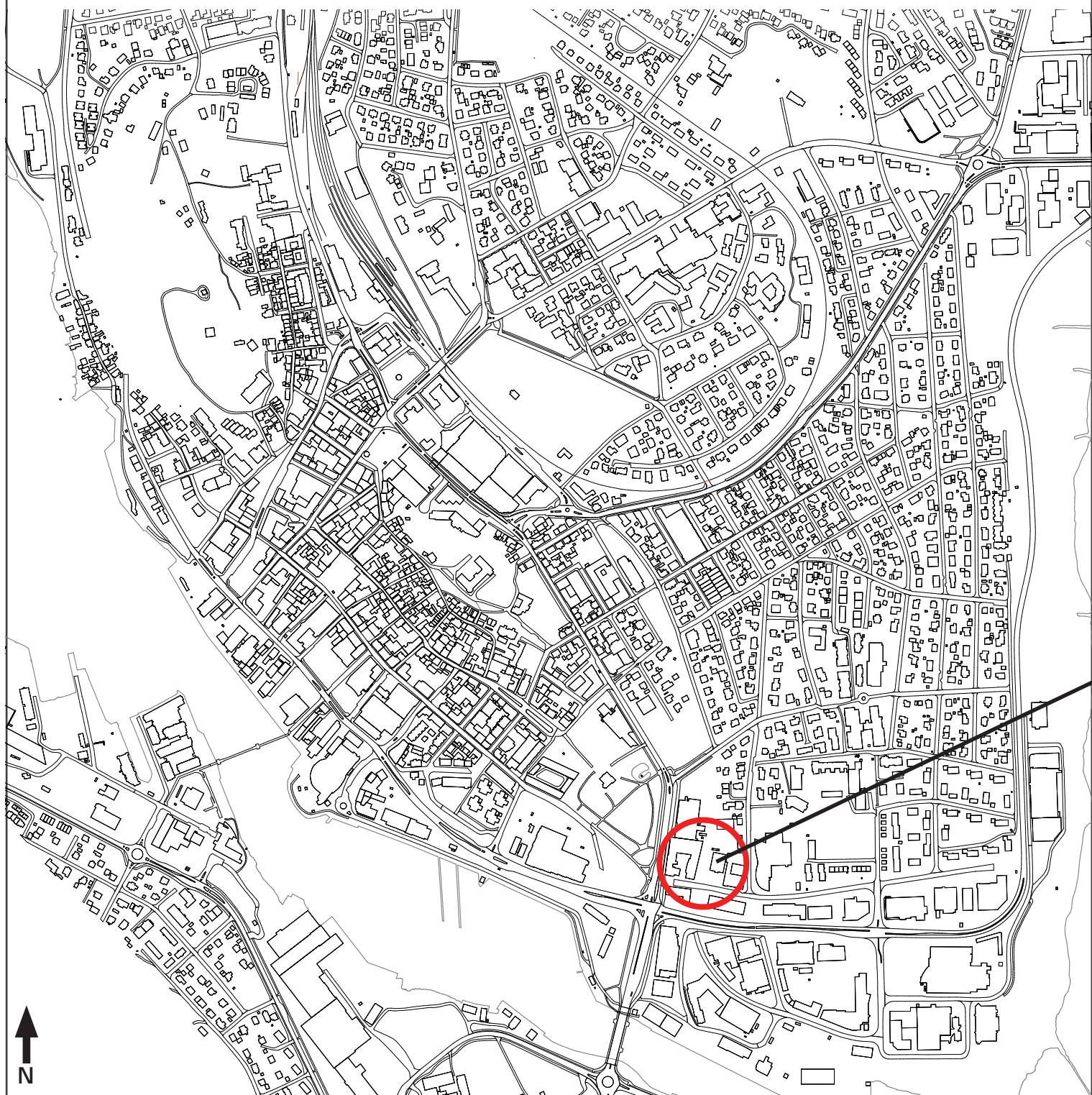
Referanseprosjekter

- Intervju
- Referanseprosjekter
- Observasjoner av
tomten
- arbeid i kart
- Befaring eksisterende
ishall
- Tomtemodellering
- Romprogram

Samtale med Gerhard Nilsen (President i Ishockeyforbundet i Norge)

Samtal med Torvald Berhard (Arkitet som jobber med planer om ny ishockeyhall i Tønsberg.

Samtale med Tor Tvedten (Arkitekt DNB arena)



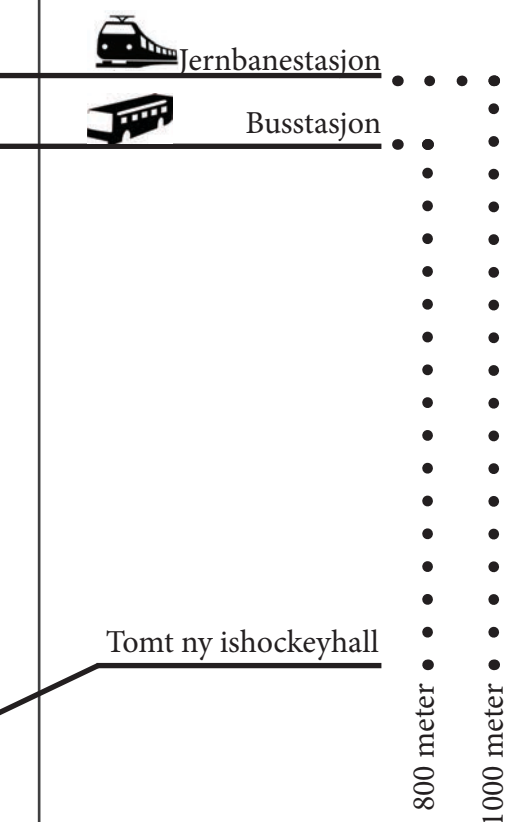


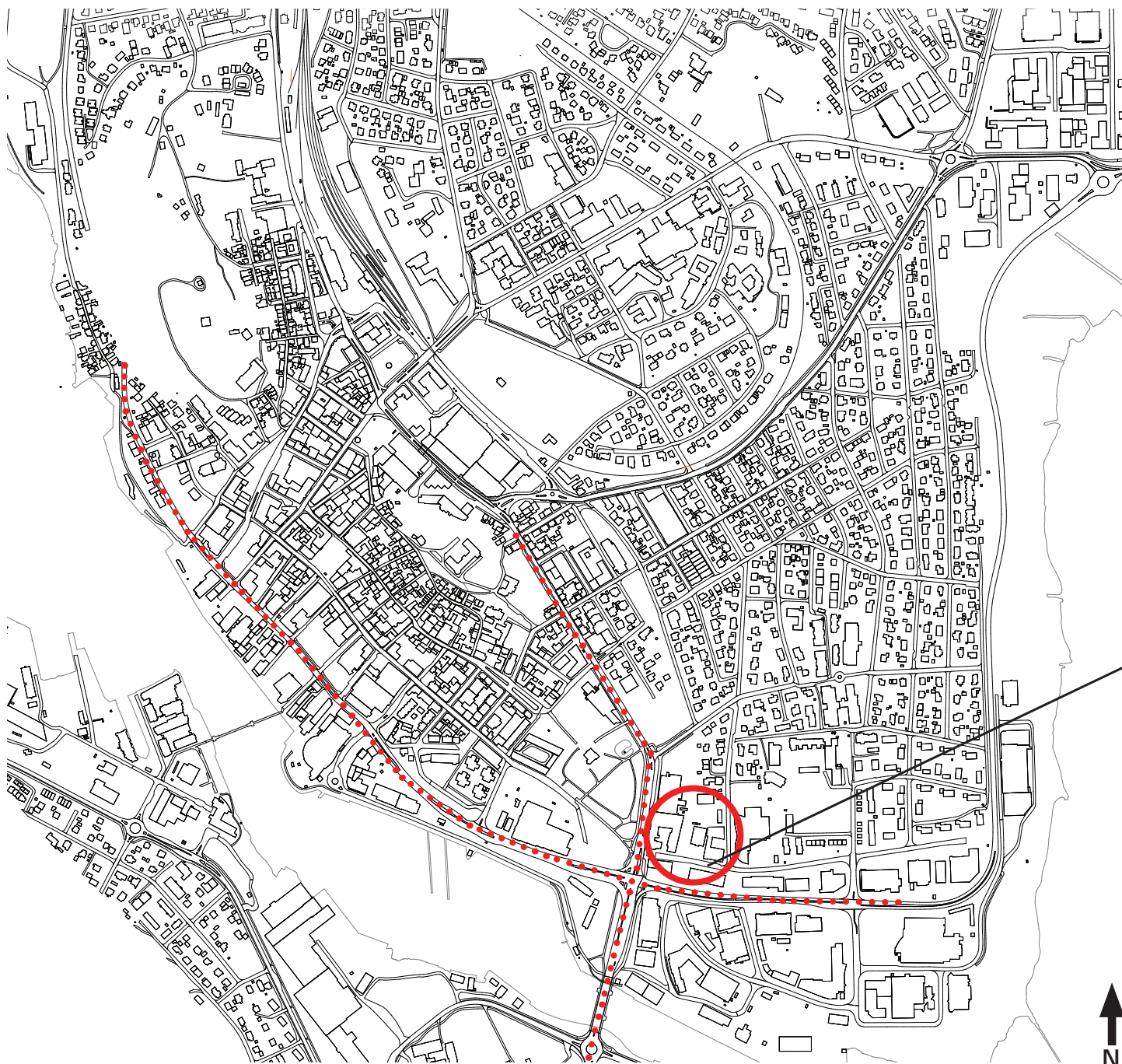
Forberedelser



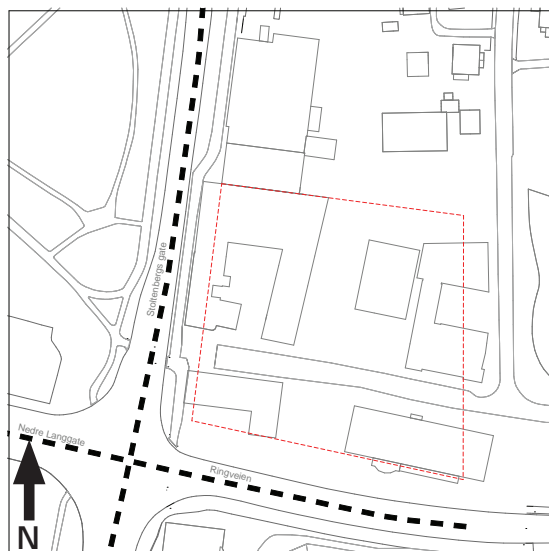
Tilgjengelighet

Ishockeyhallen skal ikke kun dekke et lokalt behov, men også et nasjonalt. For besøkene utenfor selve byen er tomten gunstig lokalisert i forhold til både tog og buss. Tomten ligger 800 meter fra busstasjonen og 1000 meter fra togstasjonen.



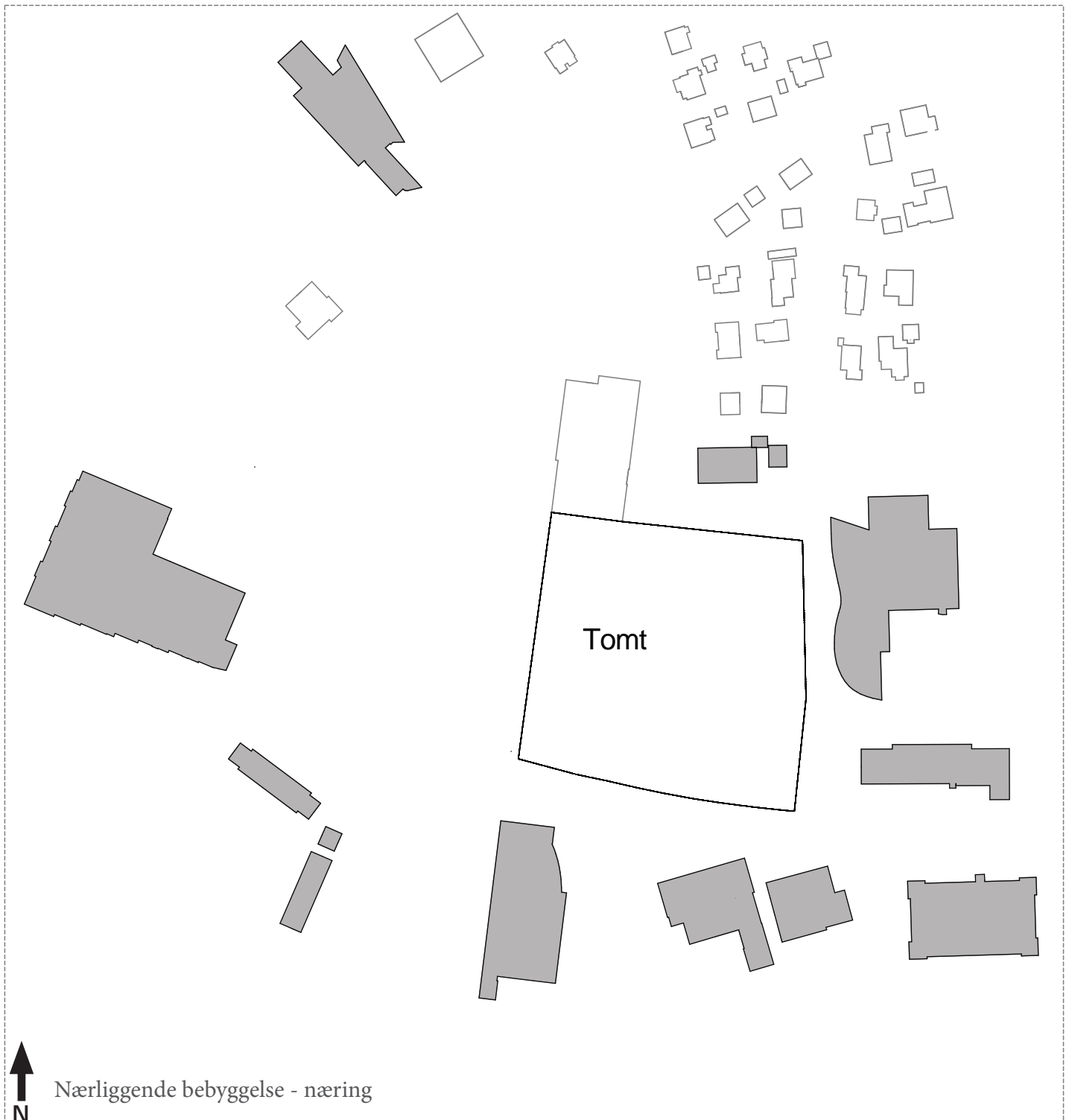


Hovedakser



Hovedveinett





Forberedelser

Svømmehall

Tomt

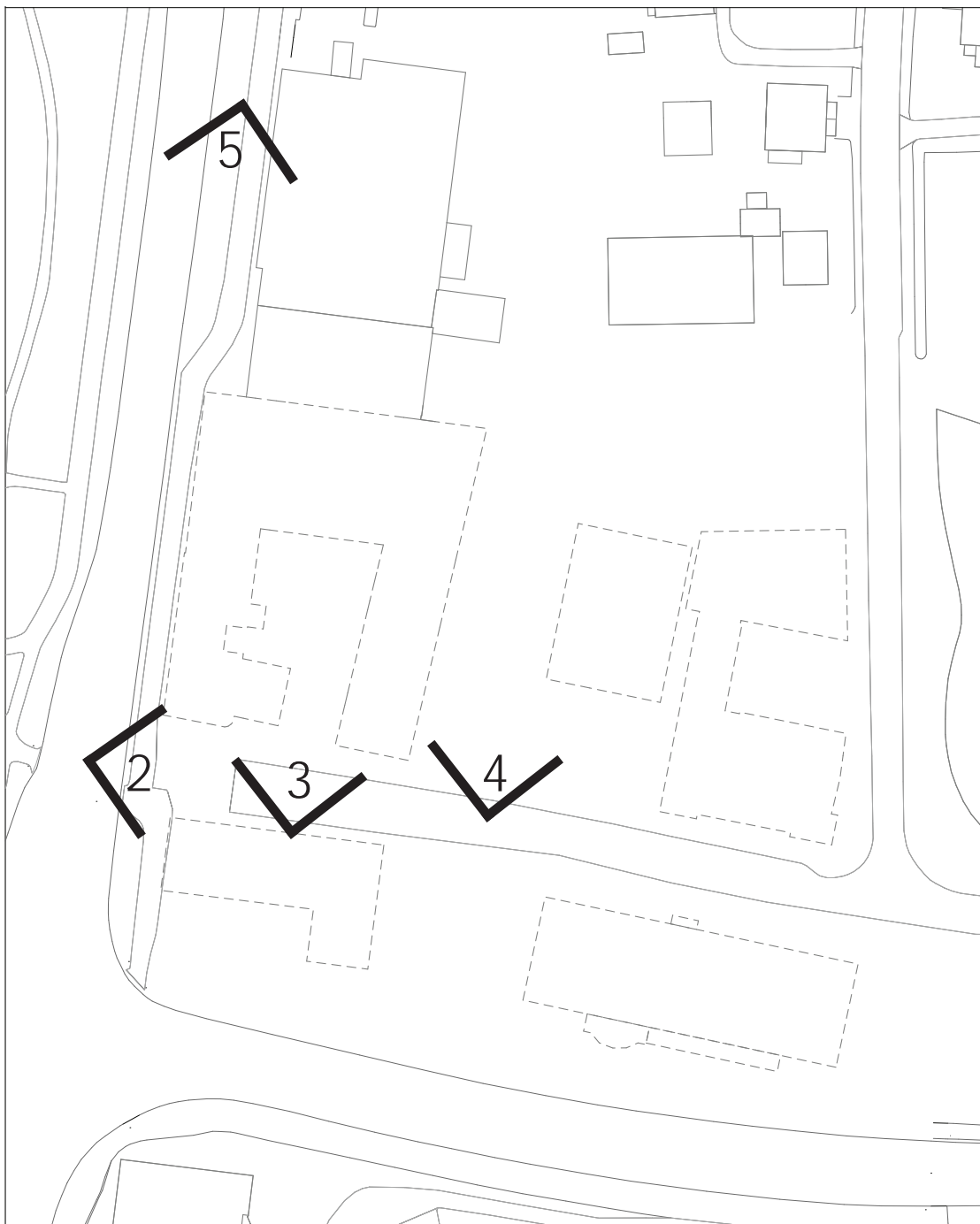


Nærliggende bebyggelse

Synergi/Energi/Drift/Miljø

- En ishall på valgt tomt vil kunne oppfylle viktige miljøkriterier
- Overføring av overskuddsvarme til svømmehallen.
- Svømmehaller har kontinuerlig varmebehov uavhengig av utetemperatur/sesong.
- Overskuddsvarmen fra kjøleanleggende vil også kunne benyttes til oppvarming av dusjanlegg, vannvarming, oppvarming av hall etc. i ishallen.
- Det er fullt realiserbart å oppnå tilnærmet full utnyttelse av overskuddsvarmen fra kjøleanleggene for isproduksjon.







Ishockey

Isflate	1400
Myldreareal rundt isflate	500
Lagerrom for spillerutstyr	50
Elitelag - garderobe med toalett og dusj	120
Gjestelag - garderobe med toalet og dusj	80
Dommergarderober med toalett og dusj	60
Skøyte-slip	20
Forrom, inngang spillere og ansatte	60
Spillerbåser	25
Sekreteriat og utvisningsbokser	20
	<u>2335</u>

Areal

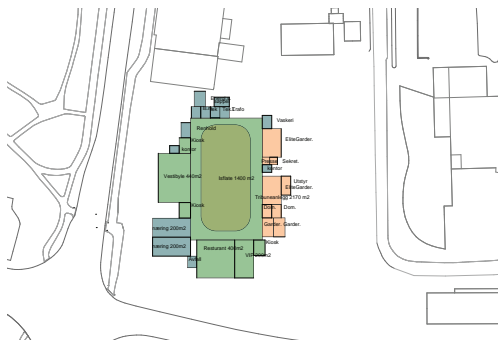
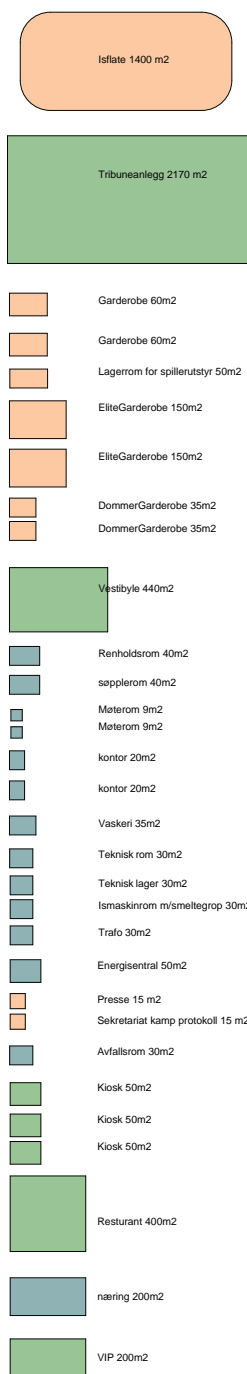
netto	<u>6855</u>
brutto (netto x1.5)	<u><u>10280</u></u>

Drift og servicefunksjoner

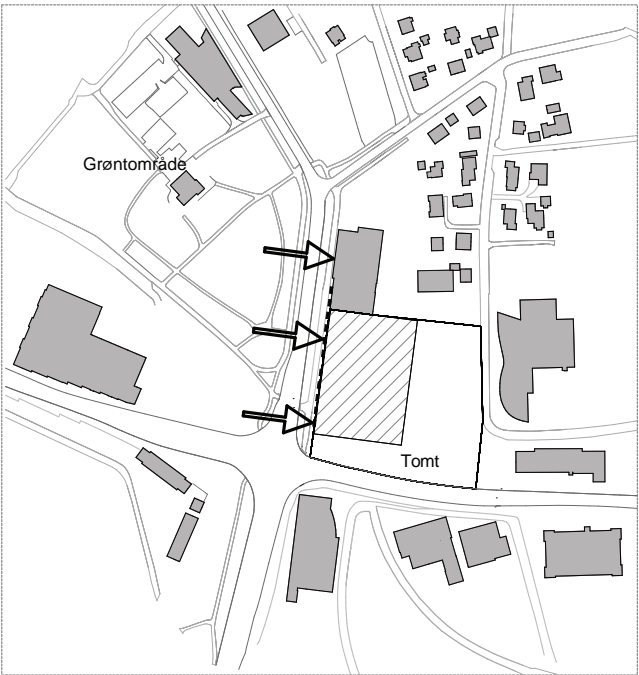
Renholdsrom	20
Avfallsrom	40
Møterom	50
Kontorer	100
Lokaler til næring	500
Vaskeri	50
Lager	200
Teknisk rom	50
Ismaskin med smeltegrop	40
IKT	30
Teknisk lager	30
Trafo	30
Presse/TV	15
Sekreteriat kamp-protokoll/statestikk	15
Energisentral	500
	<u>1670</u>

Publikumsfunksjoner

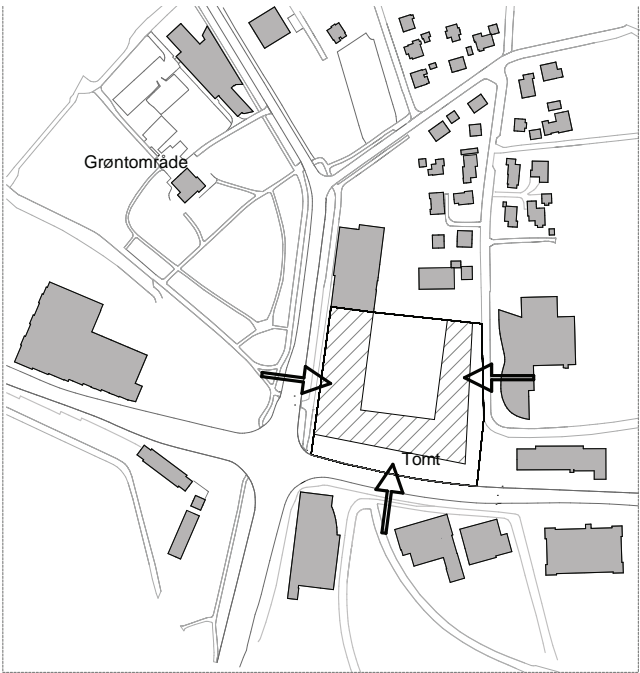
Hovedinngang/vestibyle	200
Tribuneanlegg	2000
Kiosk/kafeteria	100
Serveringskjøkken/resturant med vask/kjøl/lager.	400
VIP	150
	<u>2850</u>



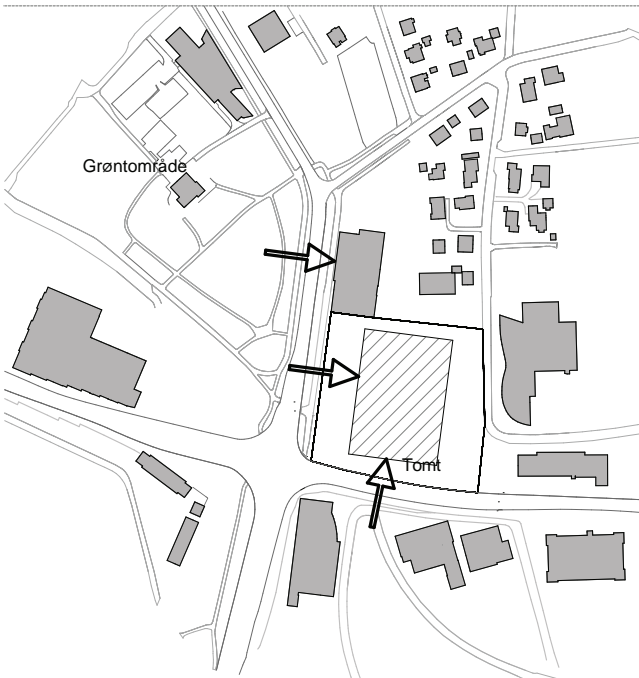
Definere tomten - fortsette gaten



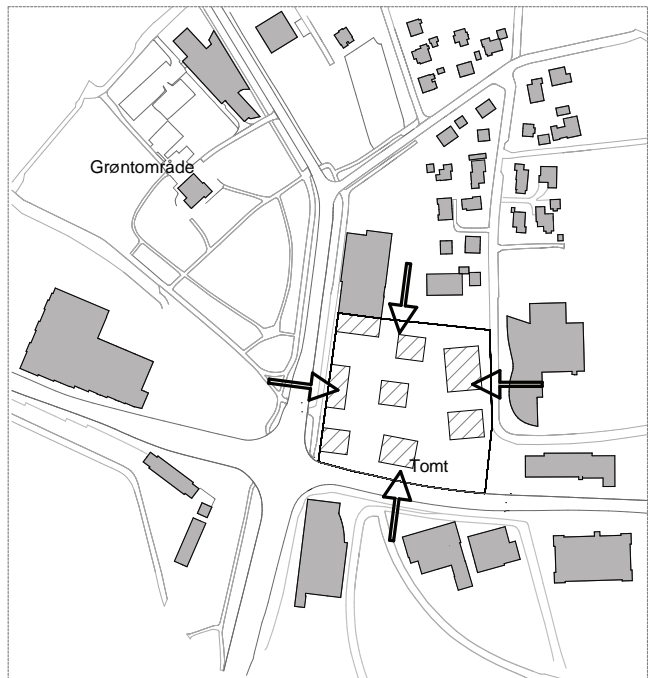
Definere tomten - kvartalsstruktur

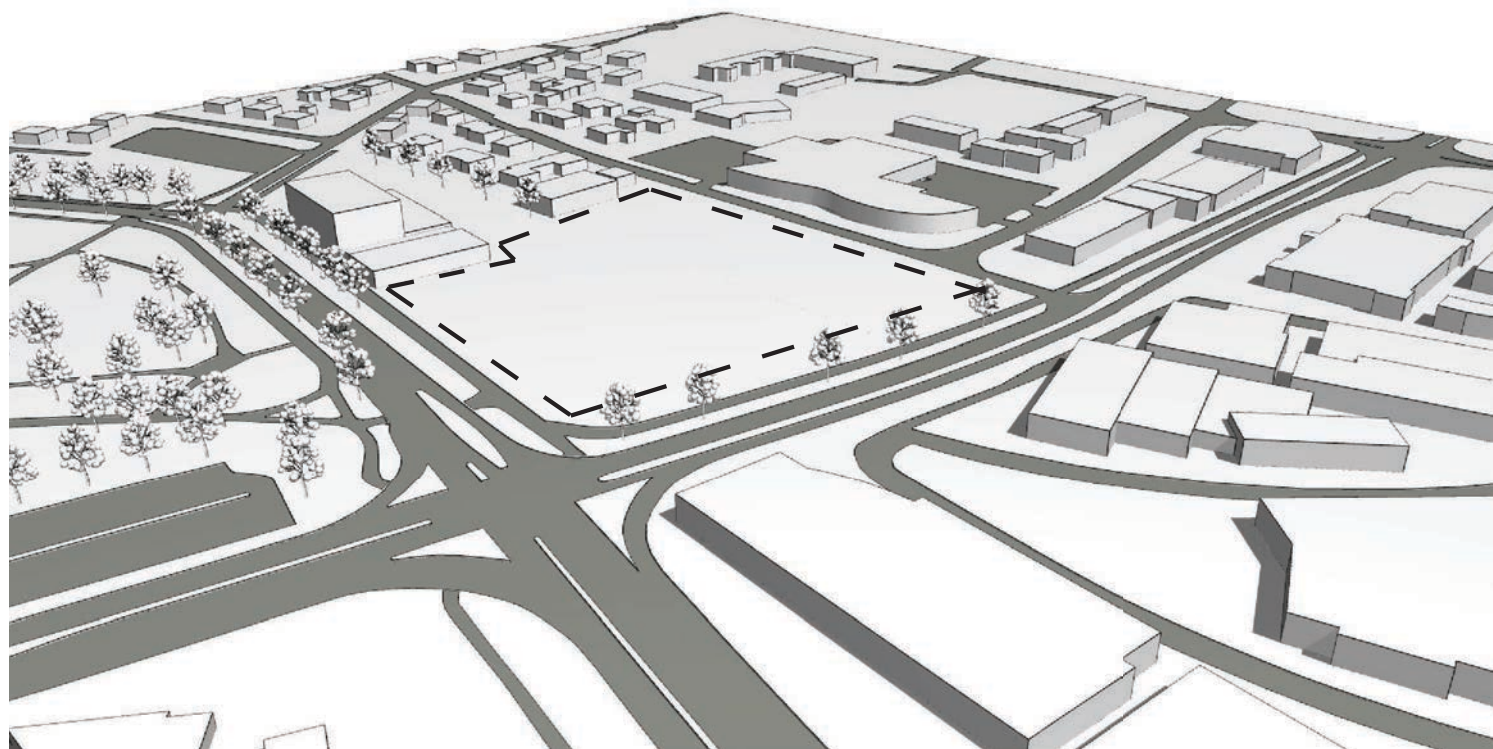


Definere tomten - midtstille

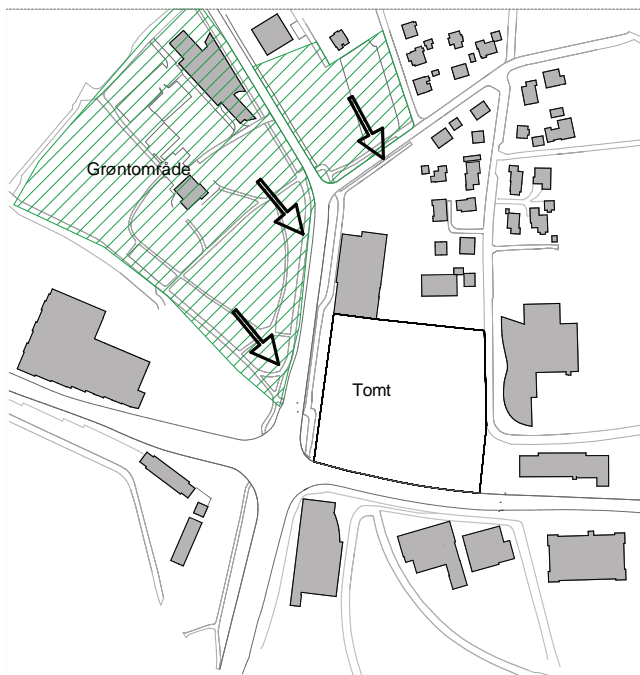


Definere tomten - torg





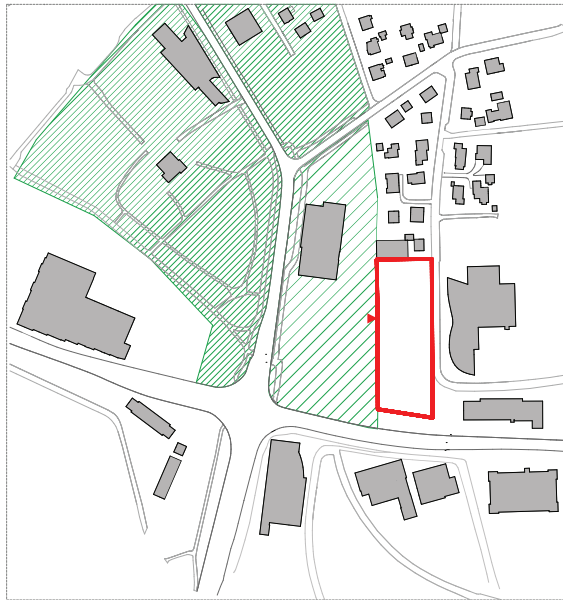
Definere tomten - Utvidet park



Tomten

3 Konsepter

Konsept - ryggrad



Hvorfor - hvorfor ikke

- henvender seg mot parken
- Let tilgjengelig fra eksisterende vei med tanke på økonomiingang
- Skaper en fin grense mellom park og næringsområdet.
- Gode solforhold på uteområdet

Konsept - objektet



Hvorfor - hvorfor ikke

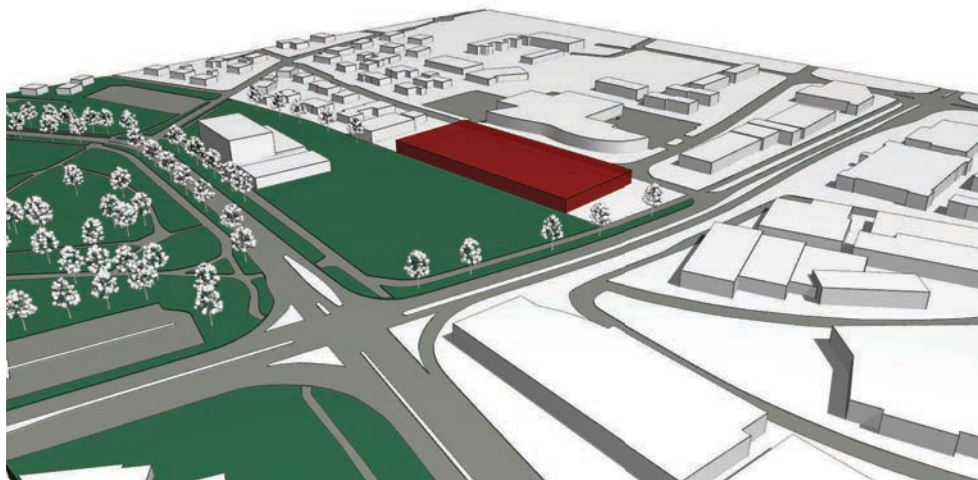
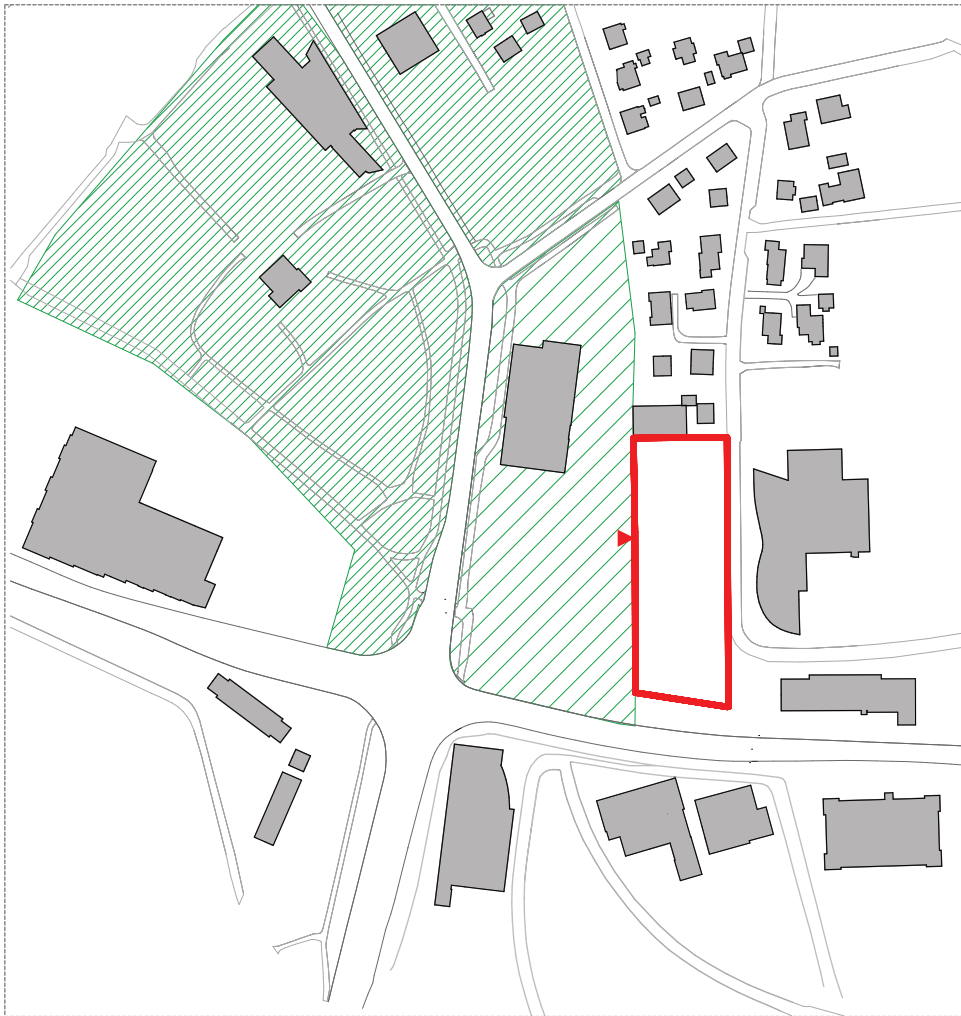
- Skaper en spennede situasjon
- Fremstår som viktig
- Mulighet for inngangssituasjon fra alle sider
- Krever egen vei gjennom tomt for å nå prosjektet
- Dårligere solforhold på uteområdet.

Konsept - gaten



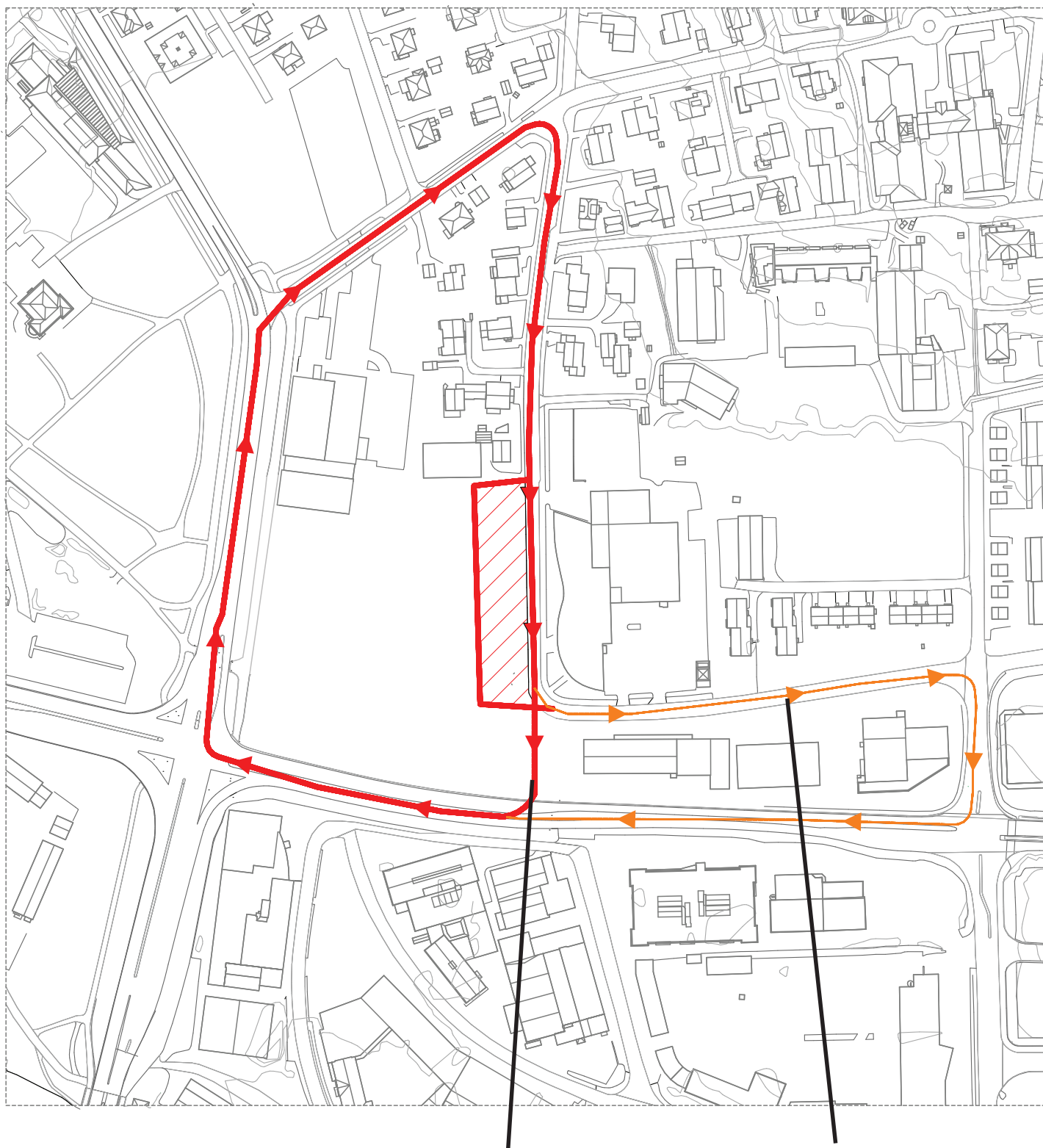
Hvorfor - hvorfor ikke

- Hendvender seg fint i forholdt til svømmehall
- Bryter konseptet med å lage en grense mellom eksisterende park og nytt uteområdet
- dårligere solforhold på uteområdet.



Tomten

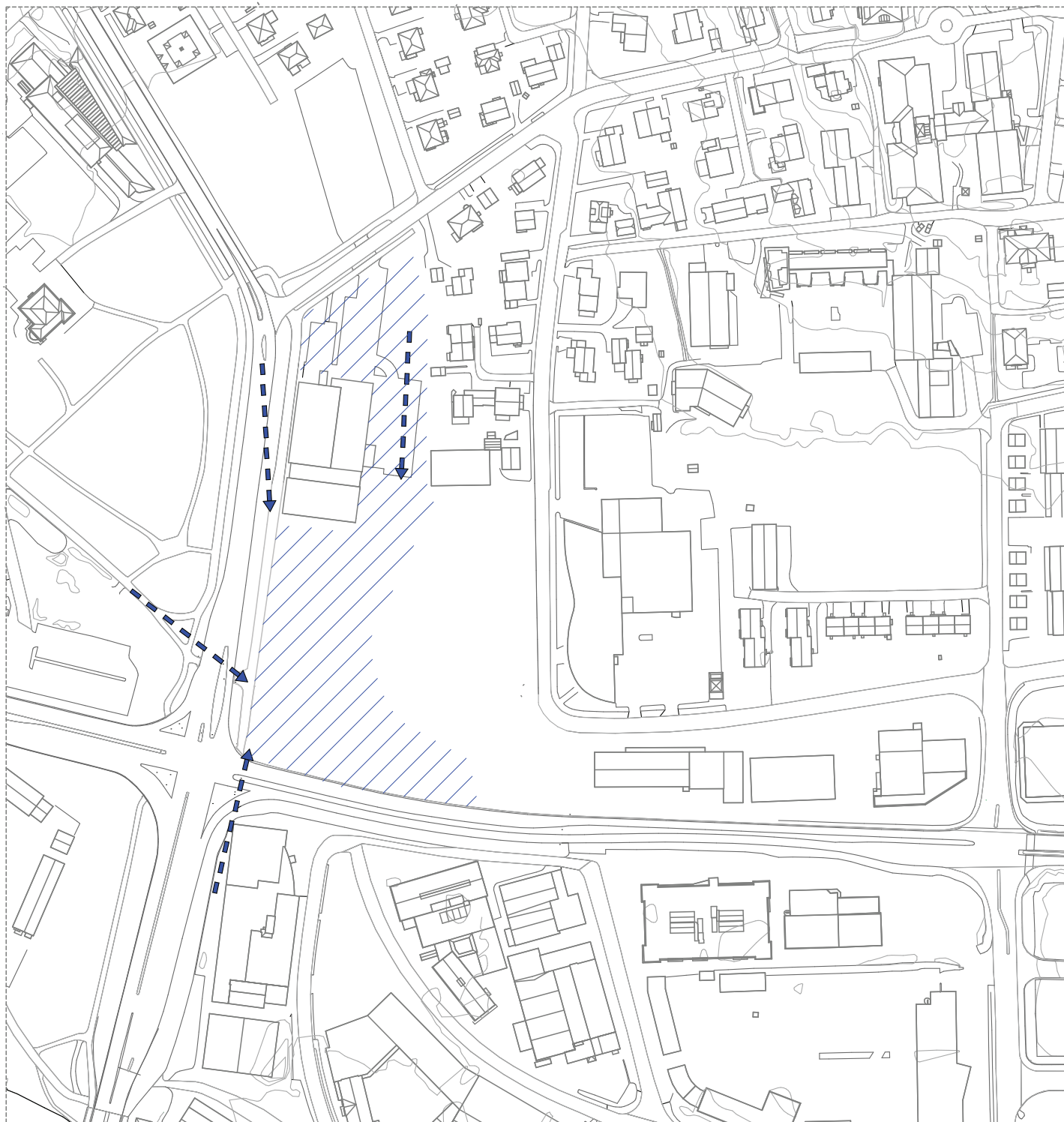
Adkomst til tomt - spillere/media/ansatte



Nytt kjøremønster

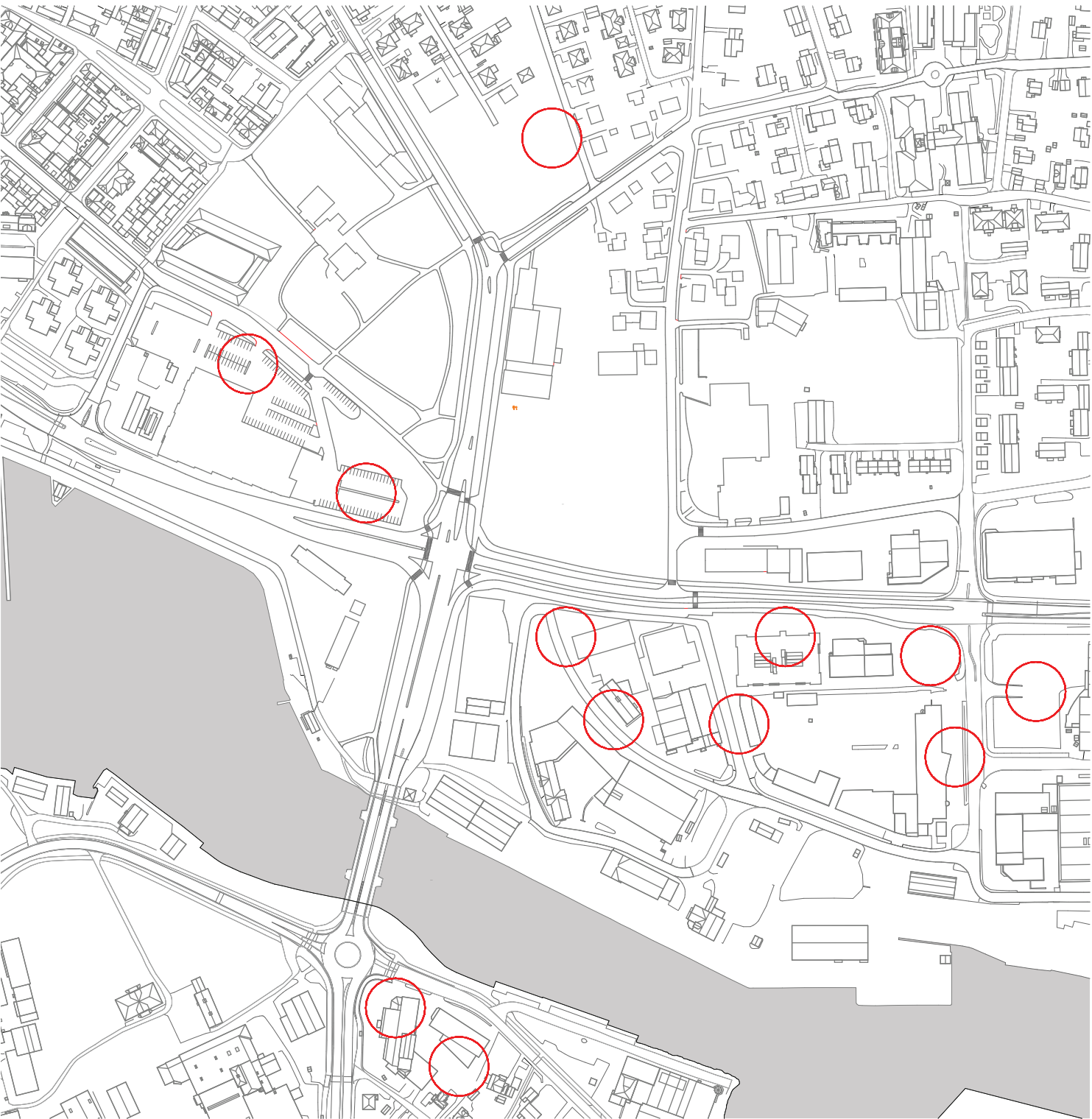
Eksisterende kjøremønster

Adkomst til tomt - publikum/besøkende

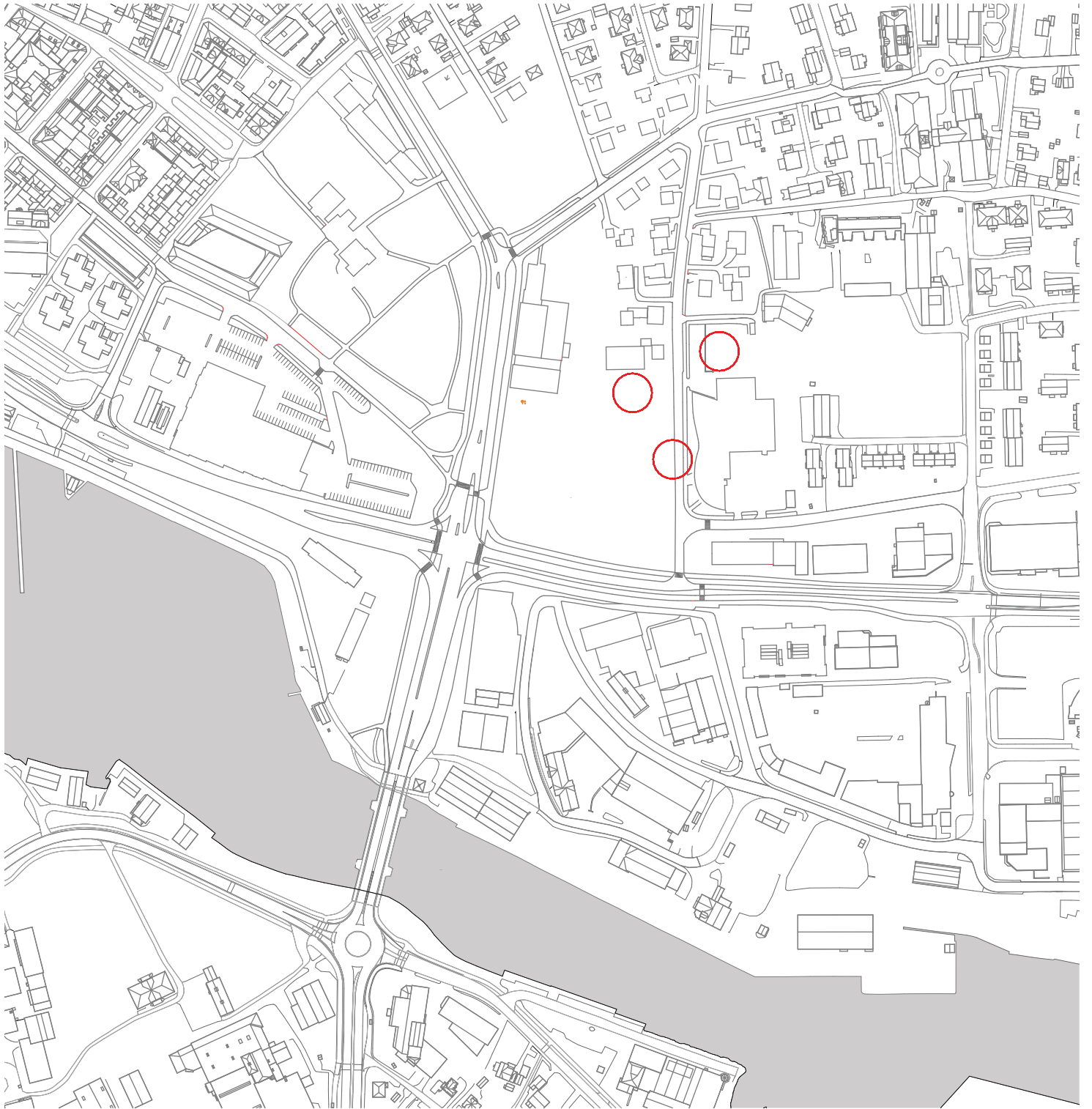


Tomten

Parkering

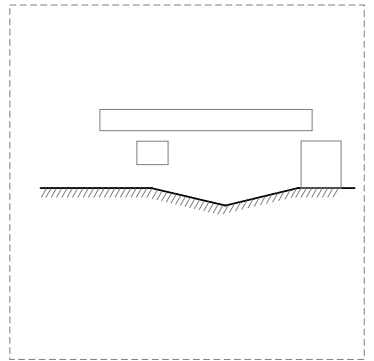
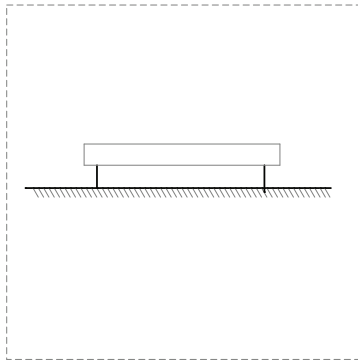
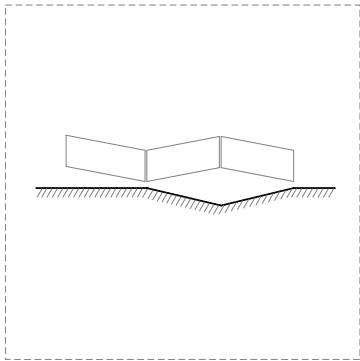
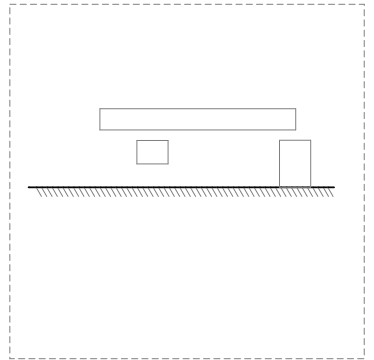
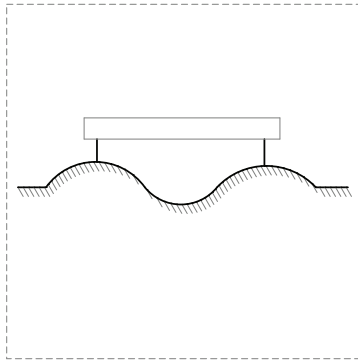
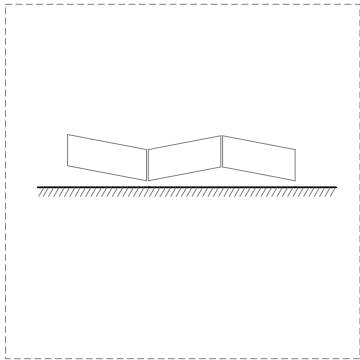


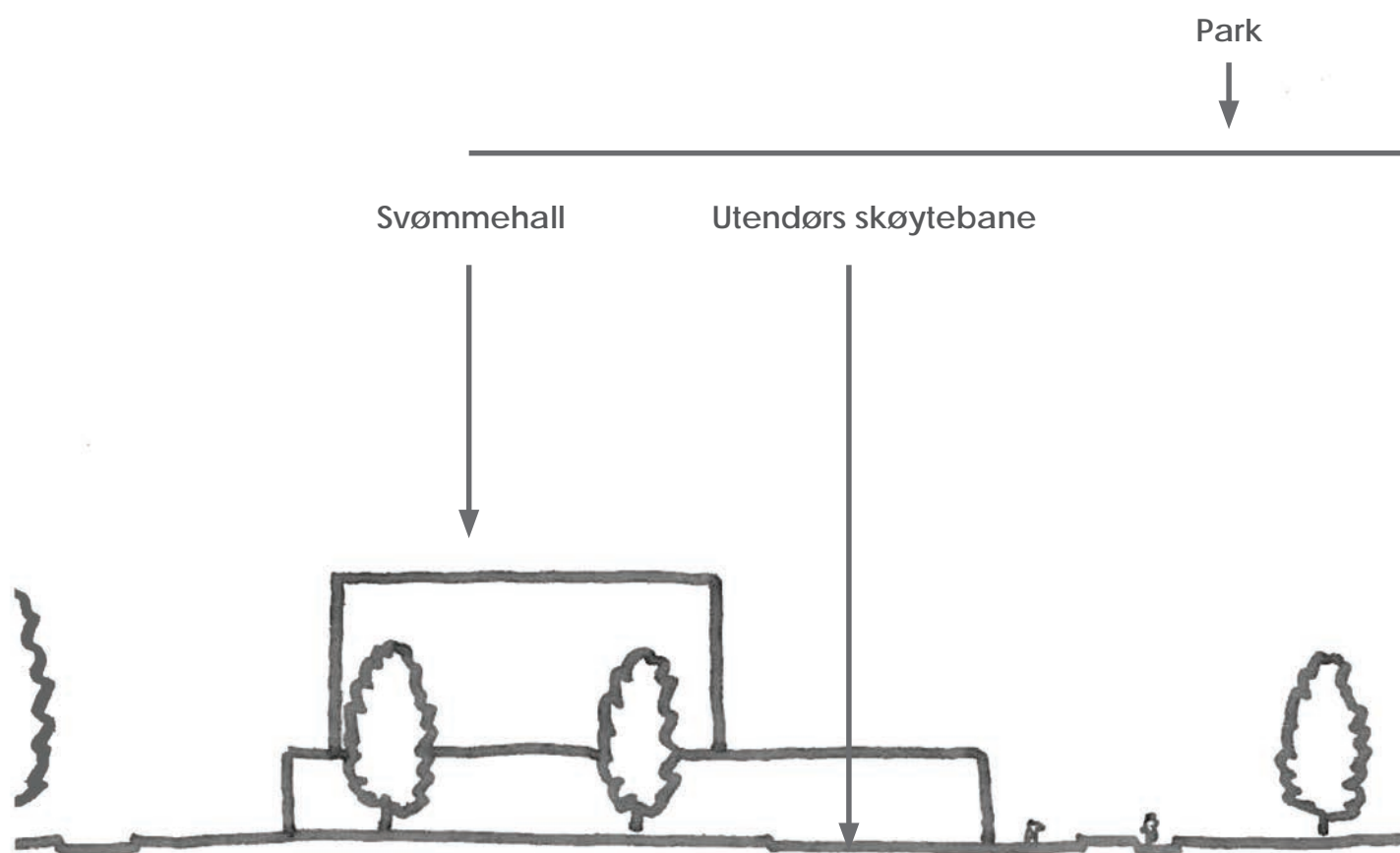
Besøkende



Økonomi

Tomten





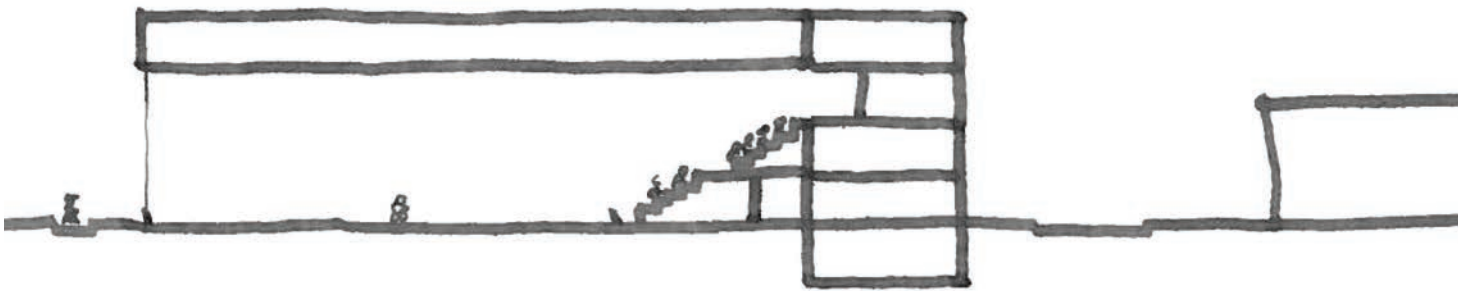
Tomten... legger til rette for det sosiale og stimulere til kontakt og felleskap.

Bygget... et sted for underholdning og glede.

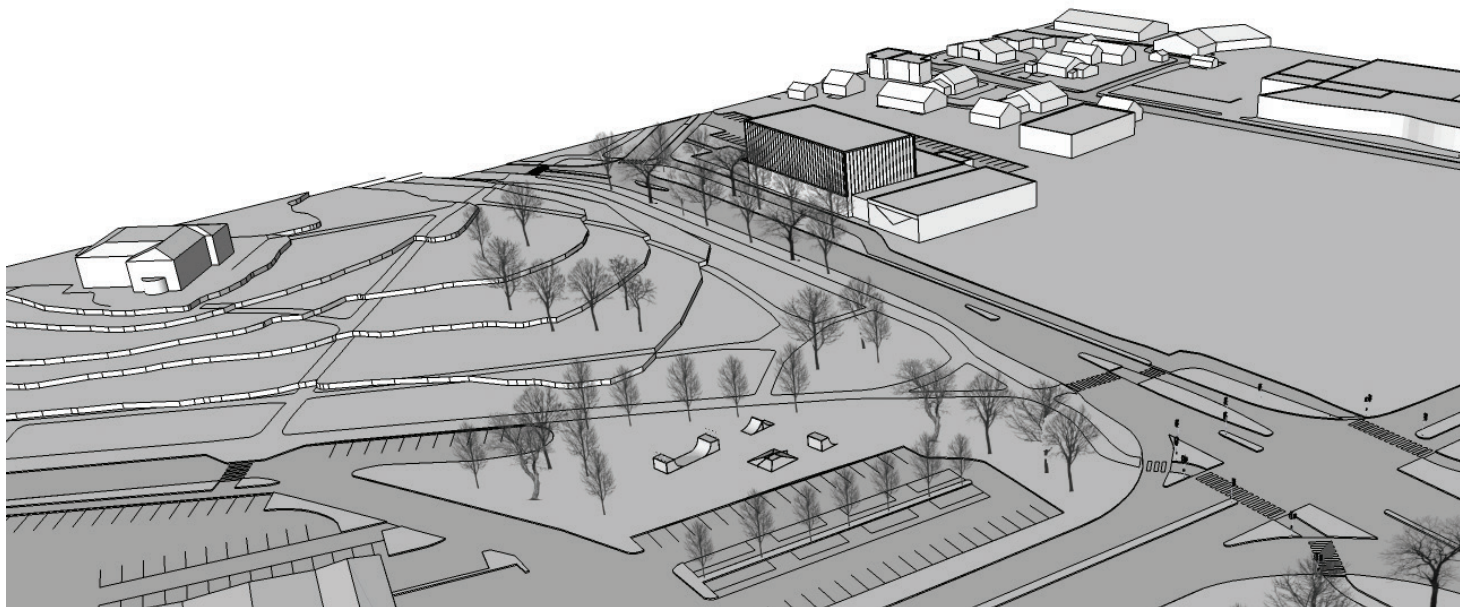
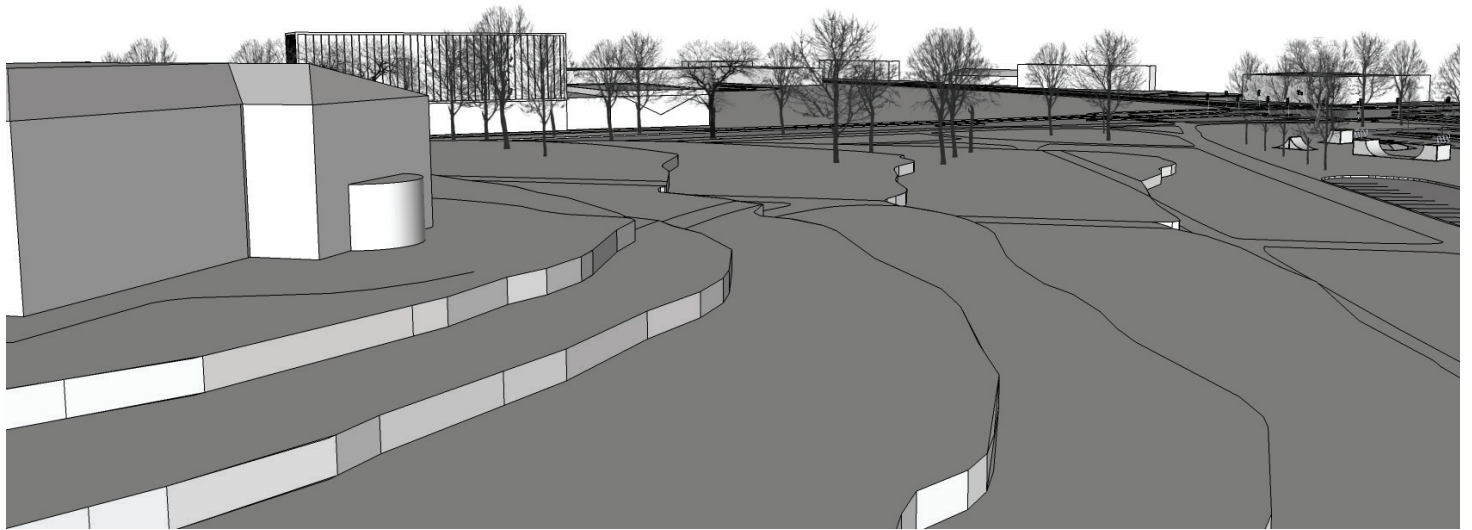
Ishockeyhall

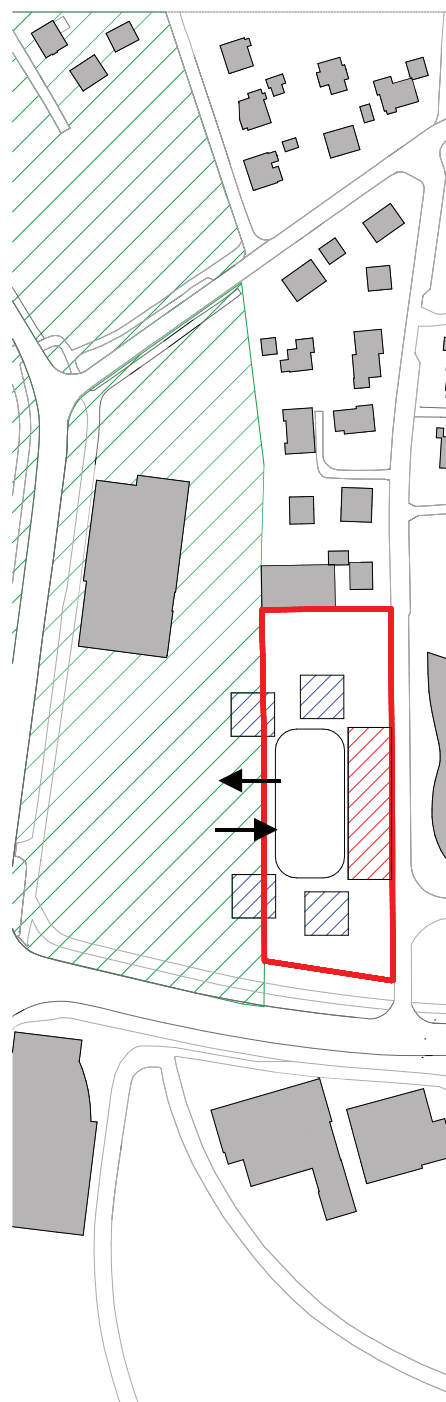
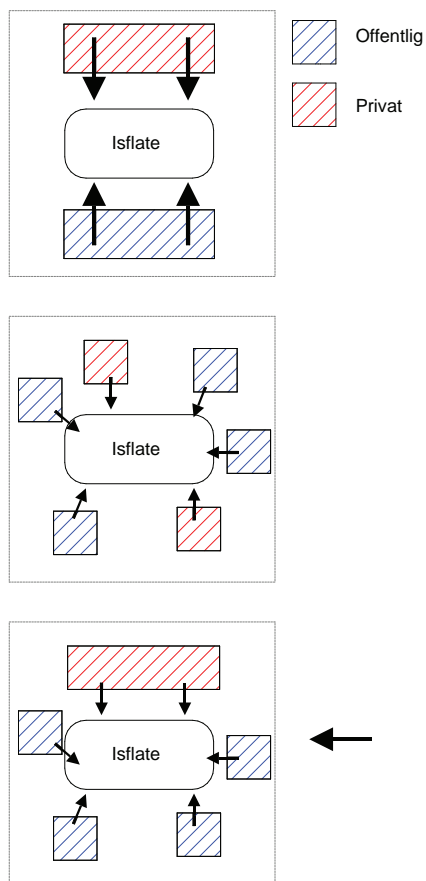


Gate

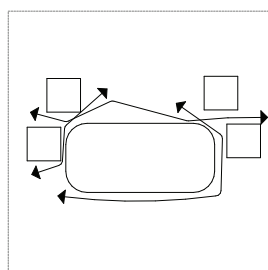


Prosjektet

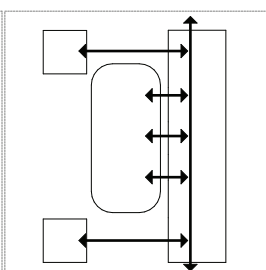


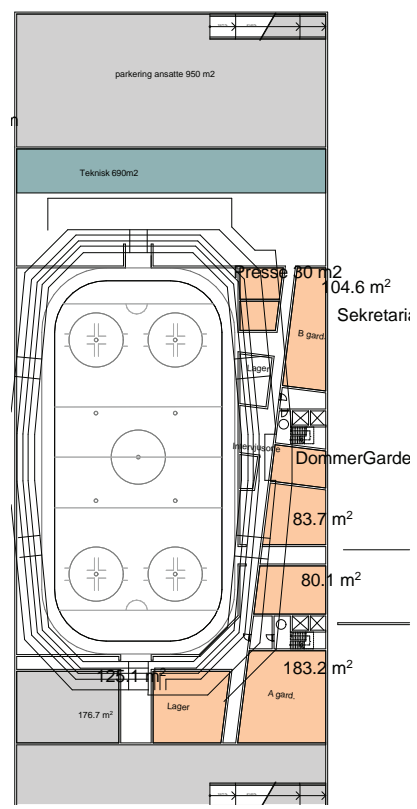
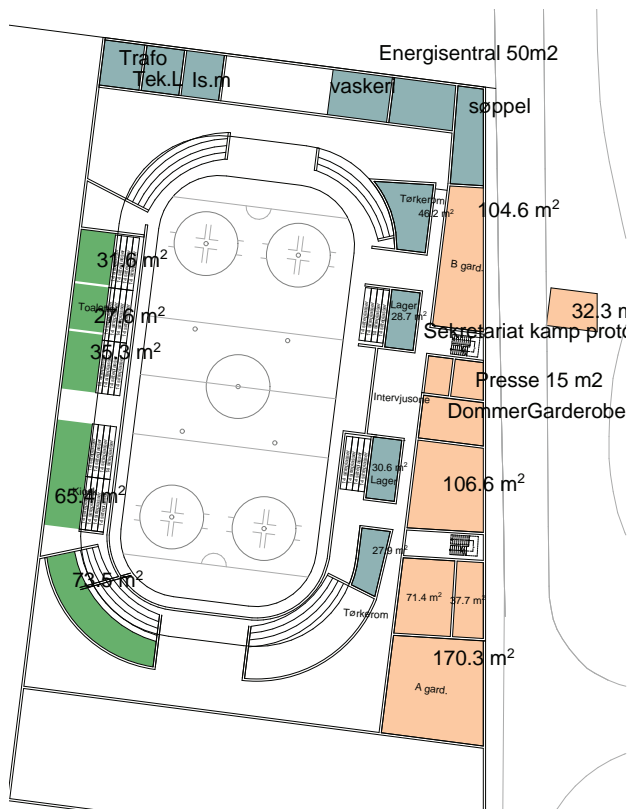
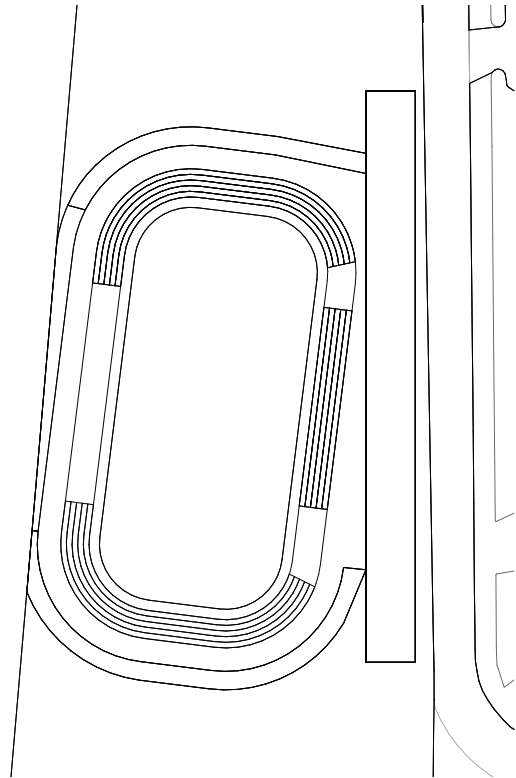
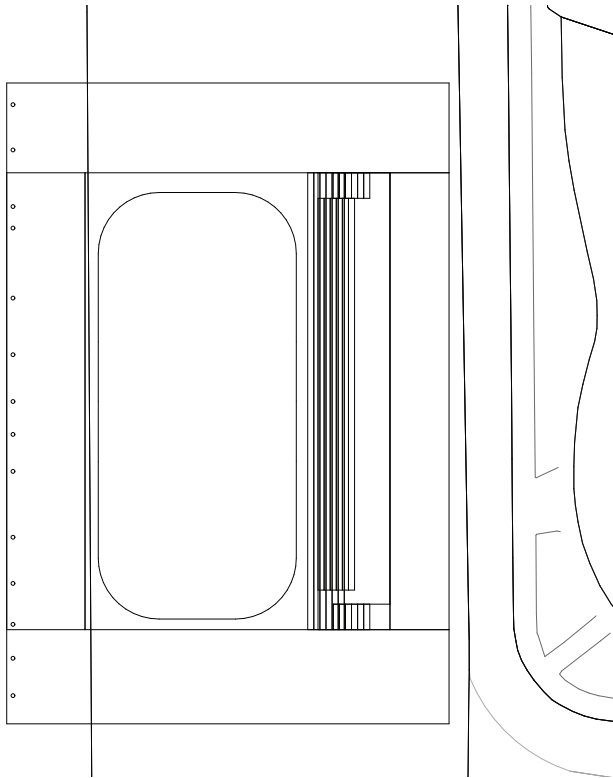


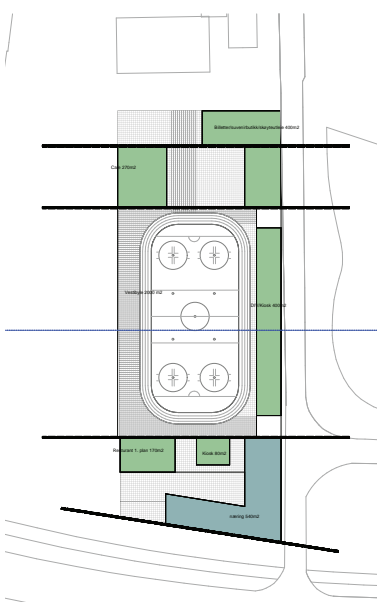
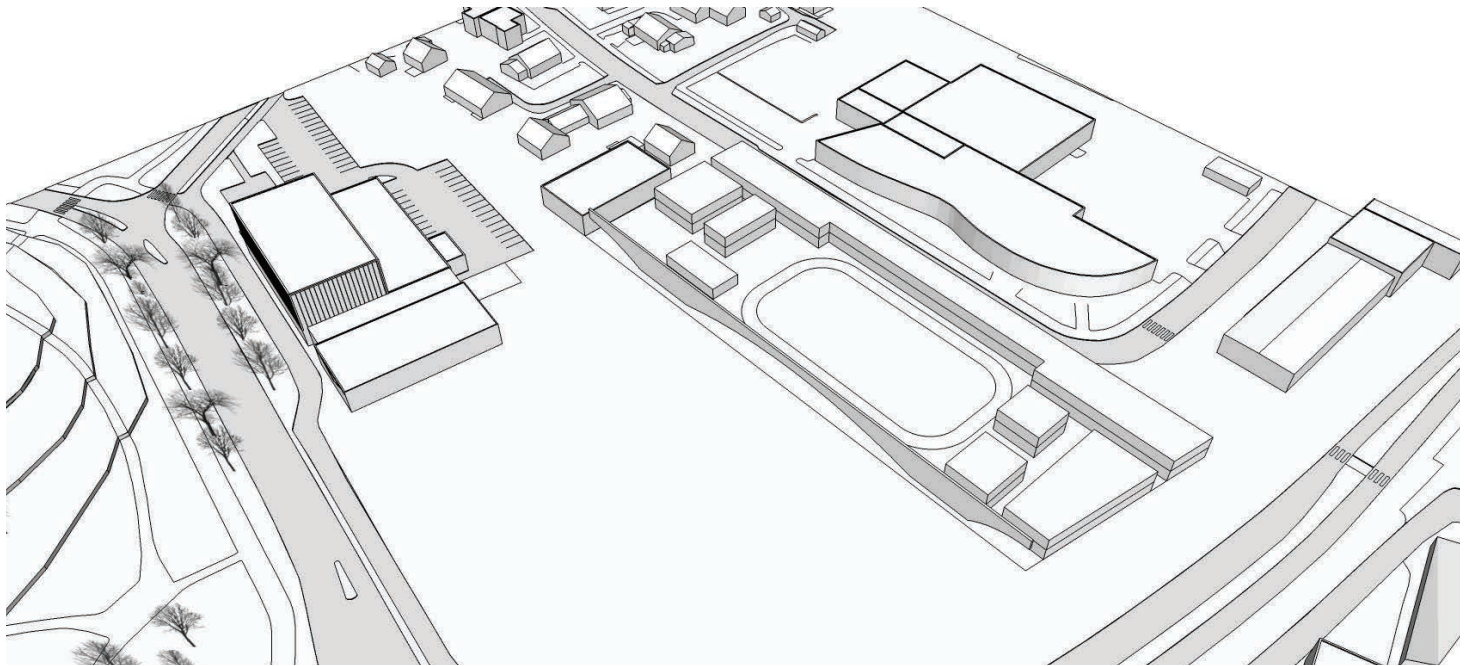
Sirkulasjon - Offentlig



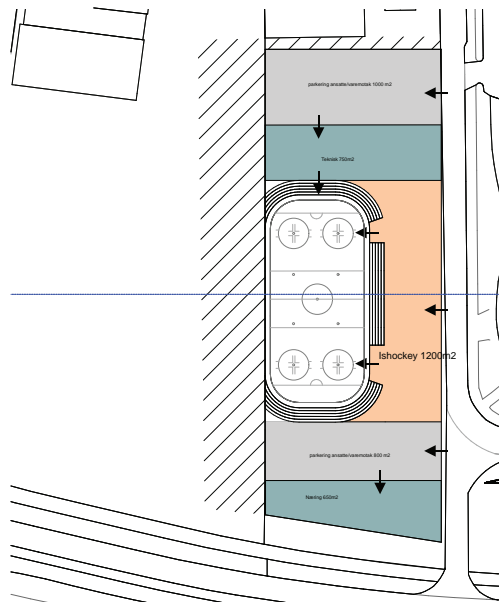
Ryggrad med støttefunksjoner



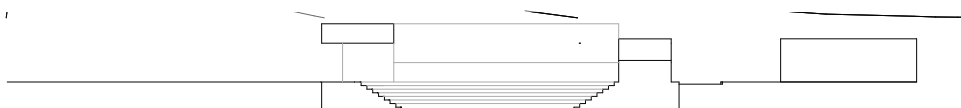




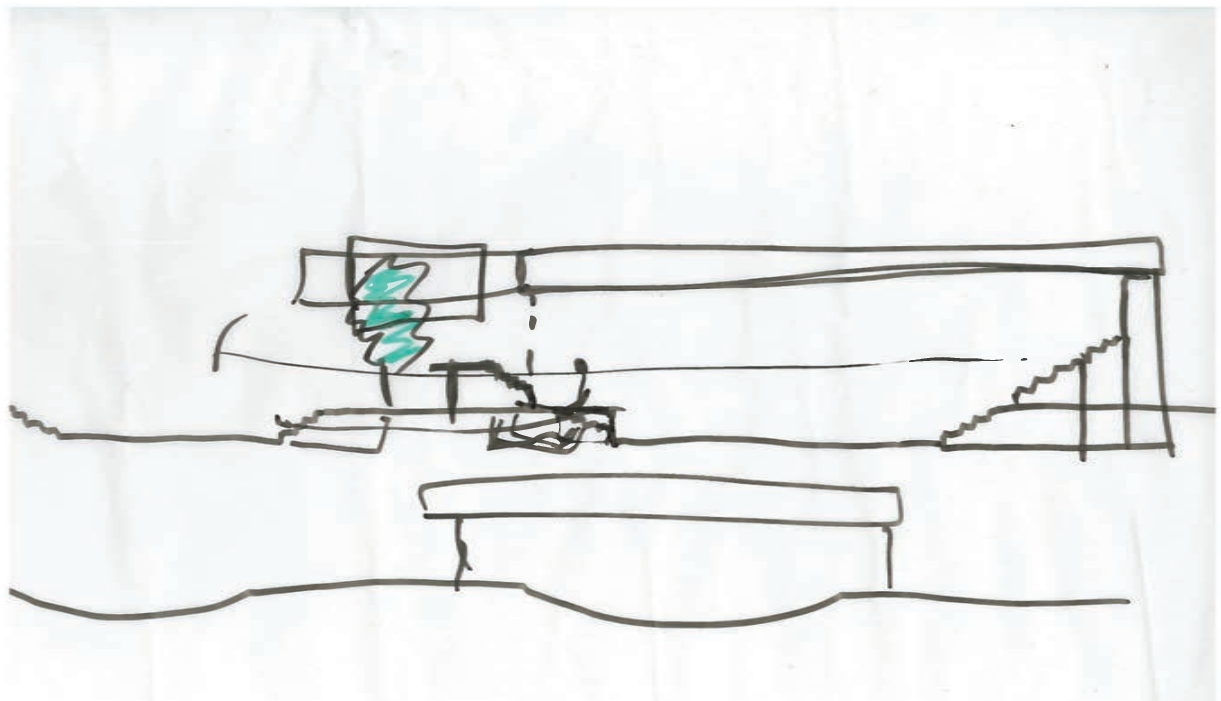
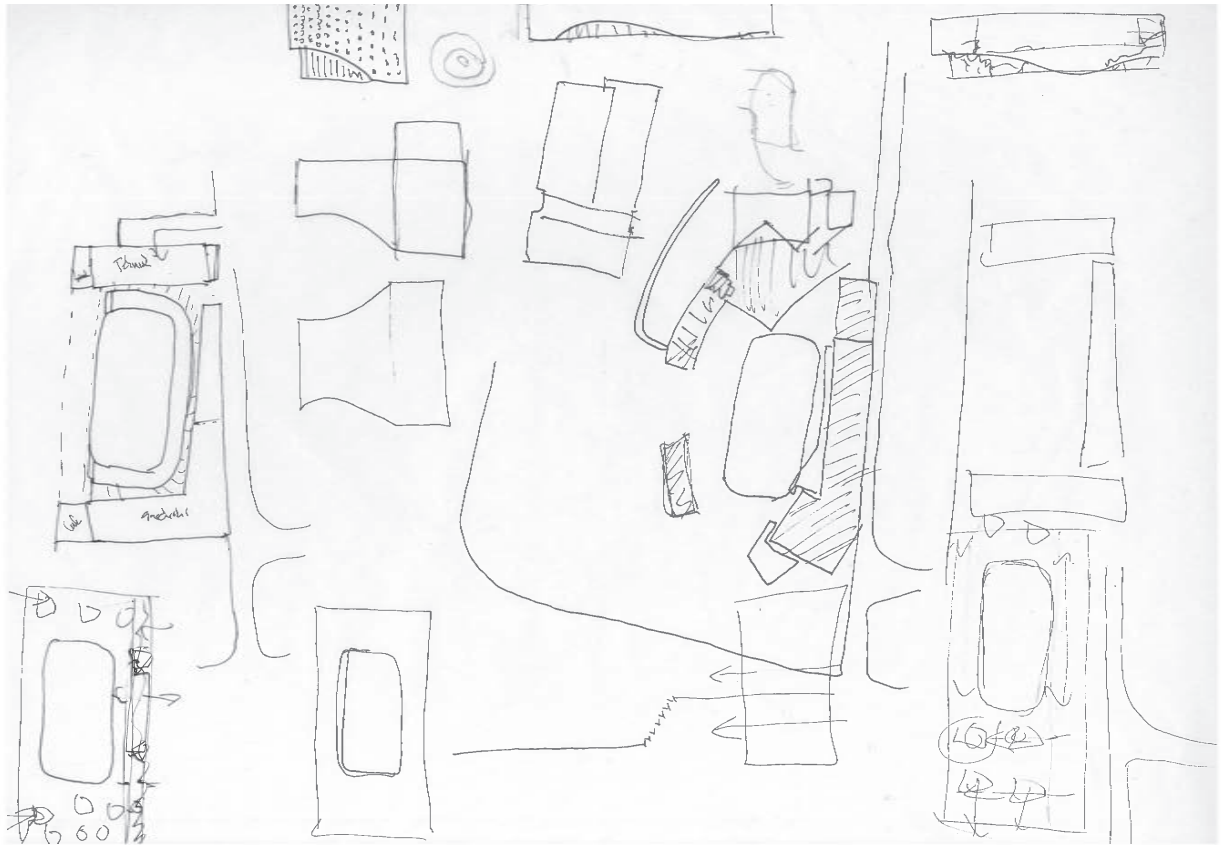
1. plan

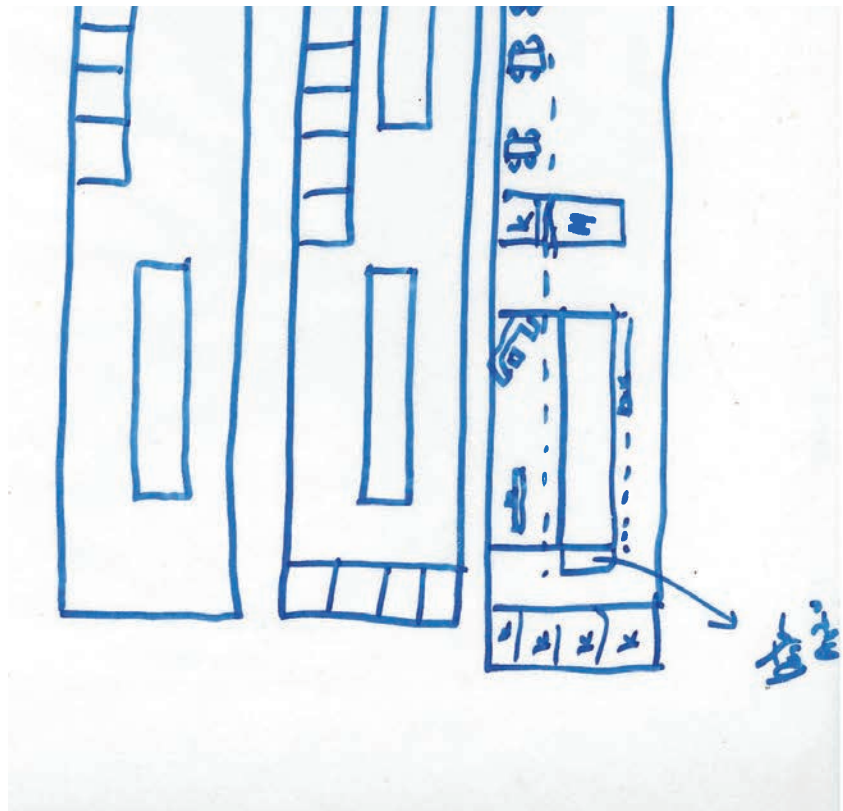
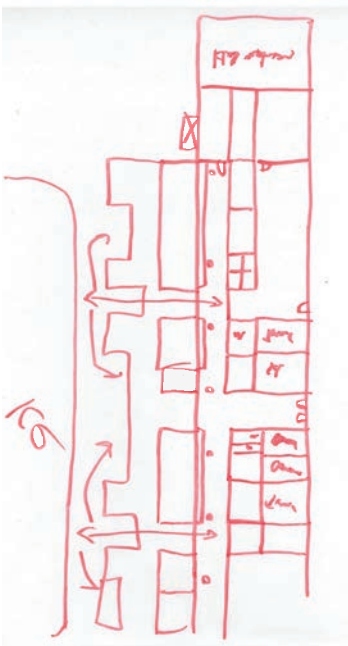
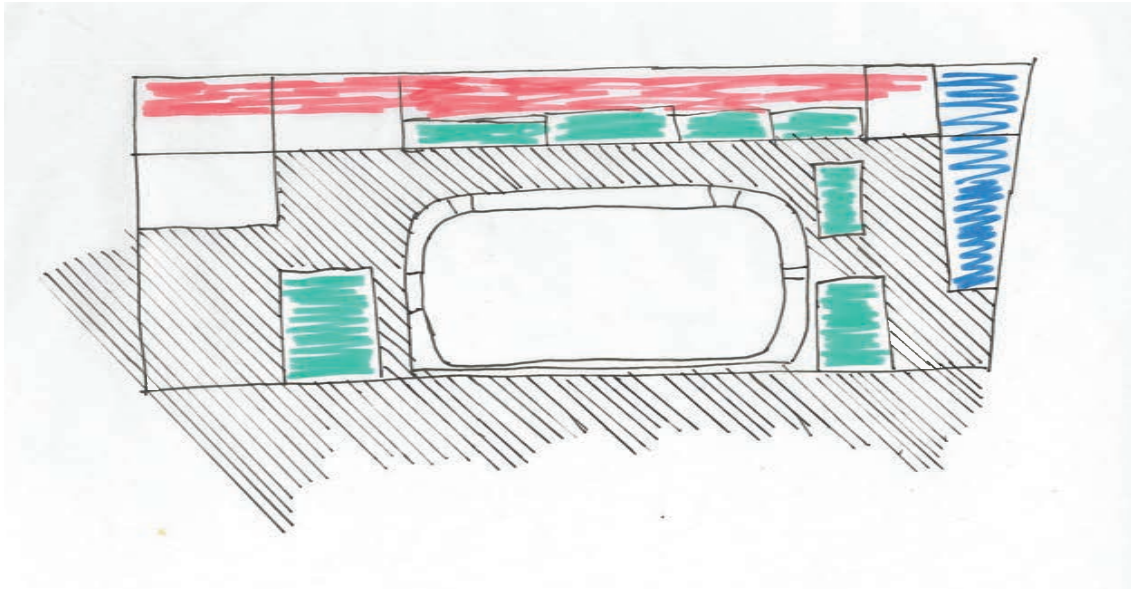


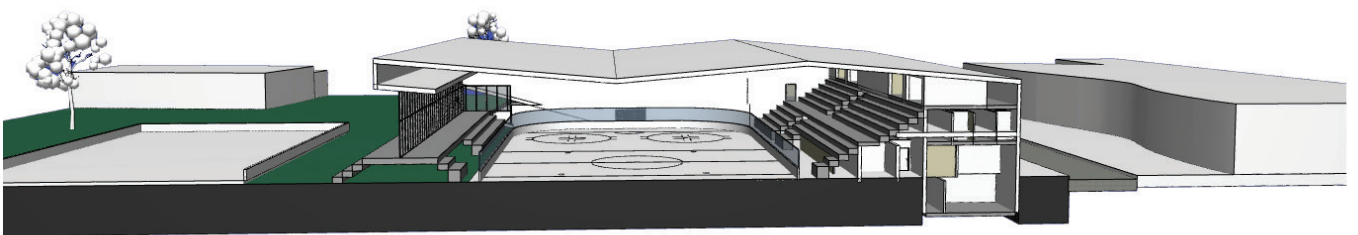
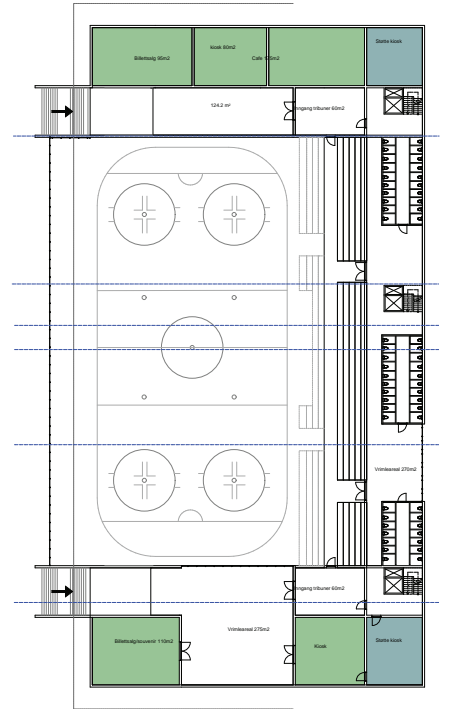
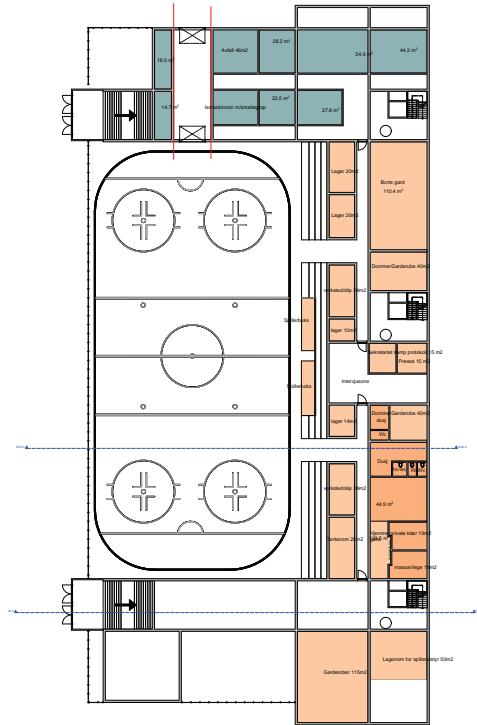
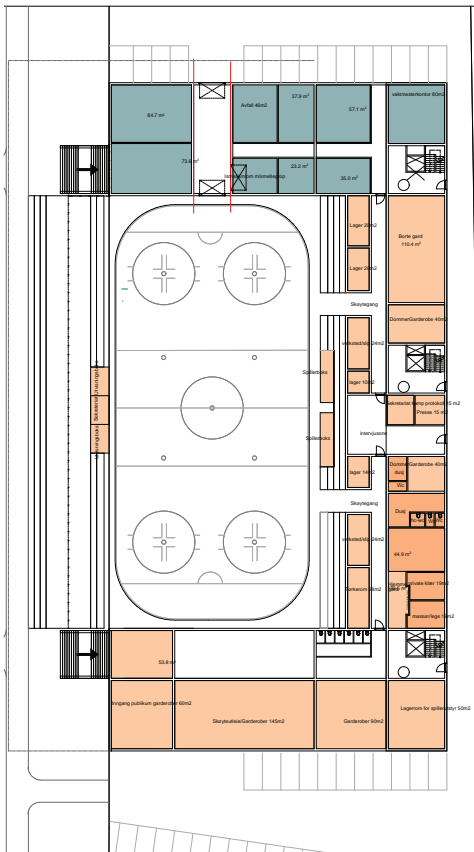
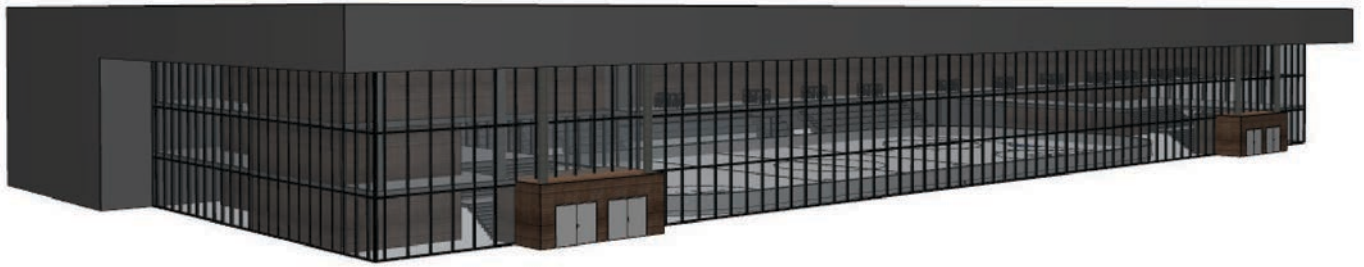
kj. plan

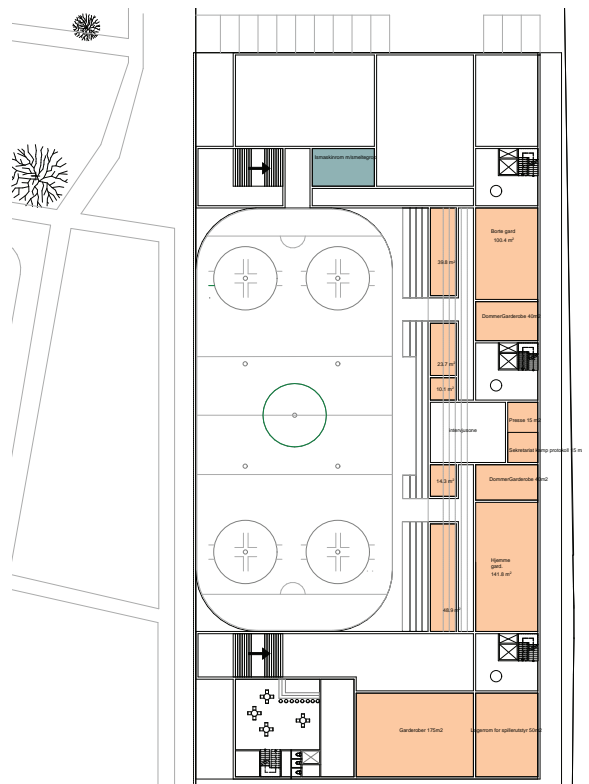
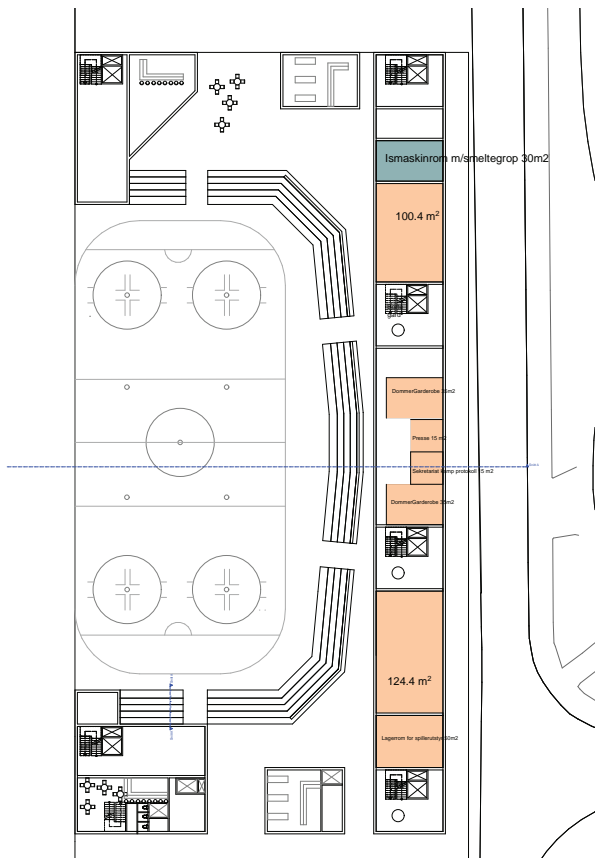
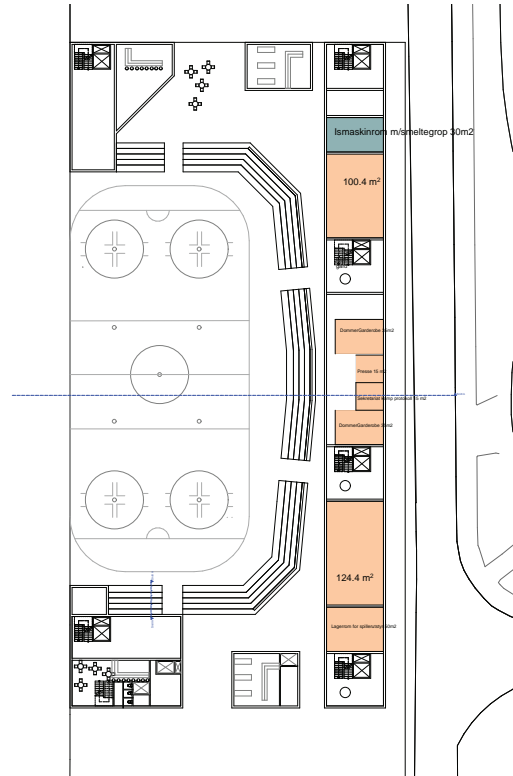
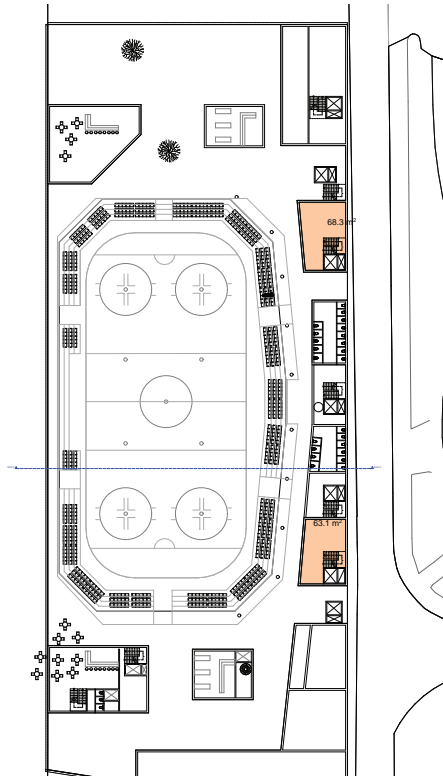


Snitt

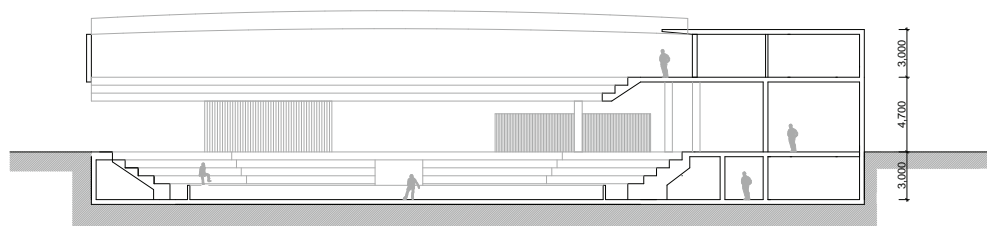
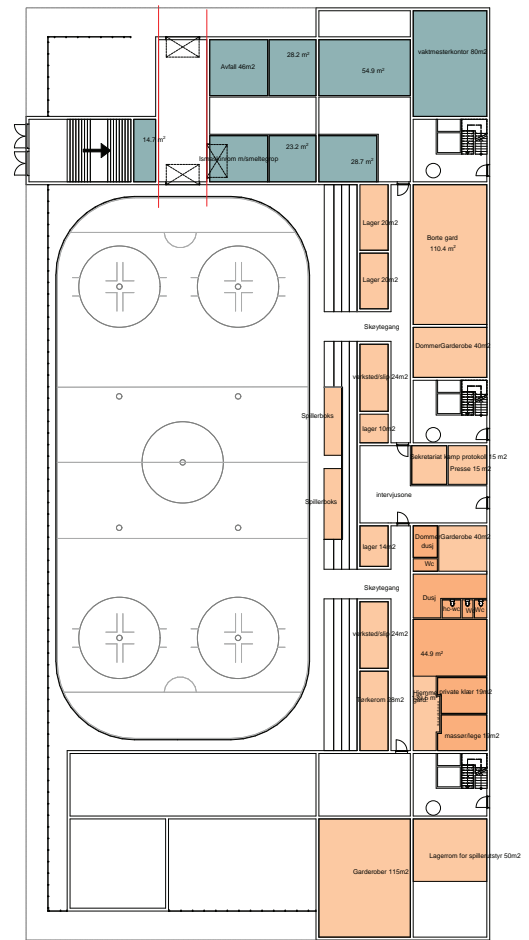


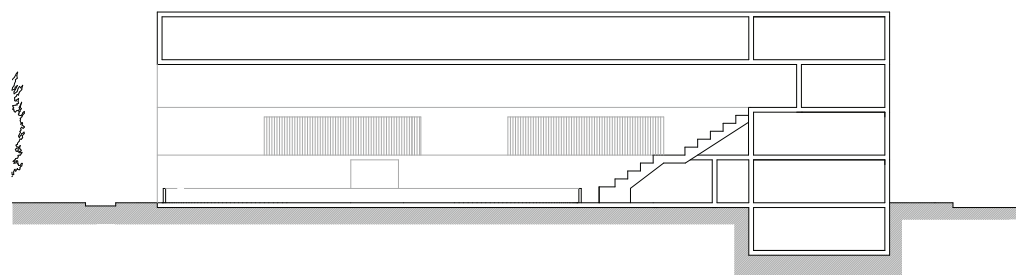
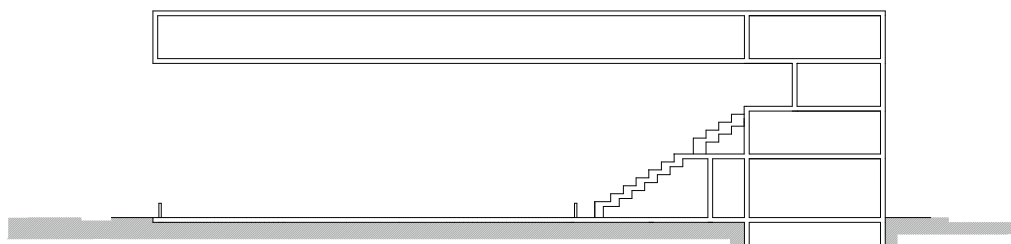
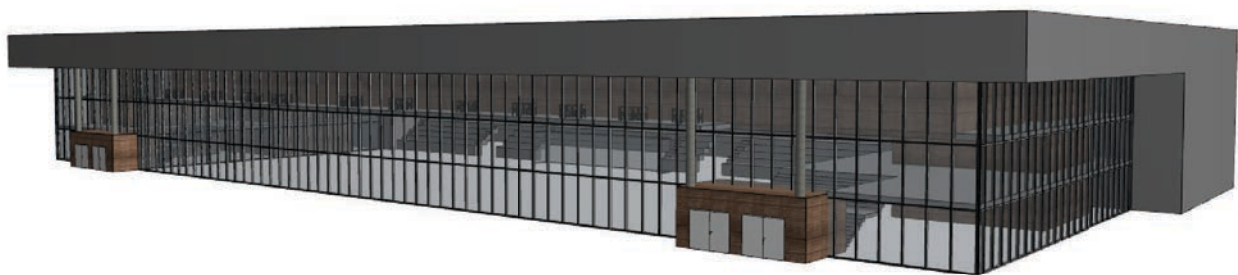




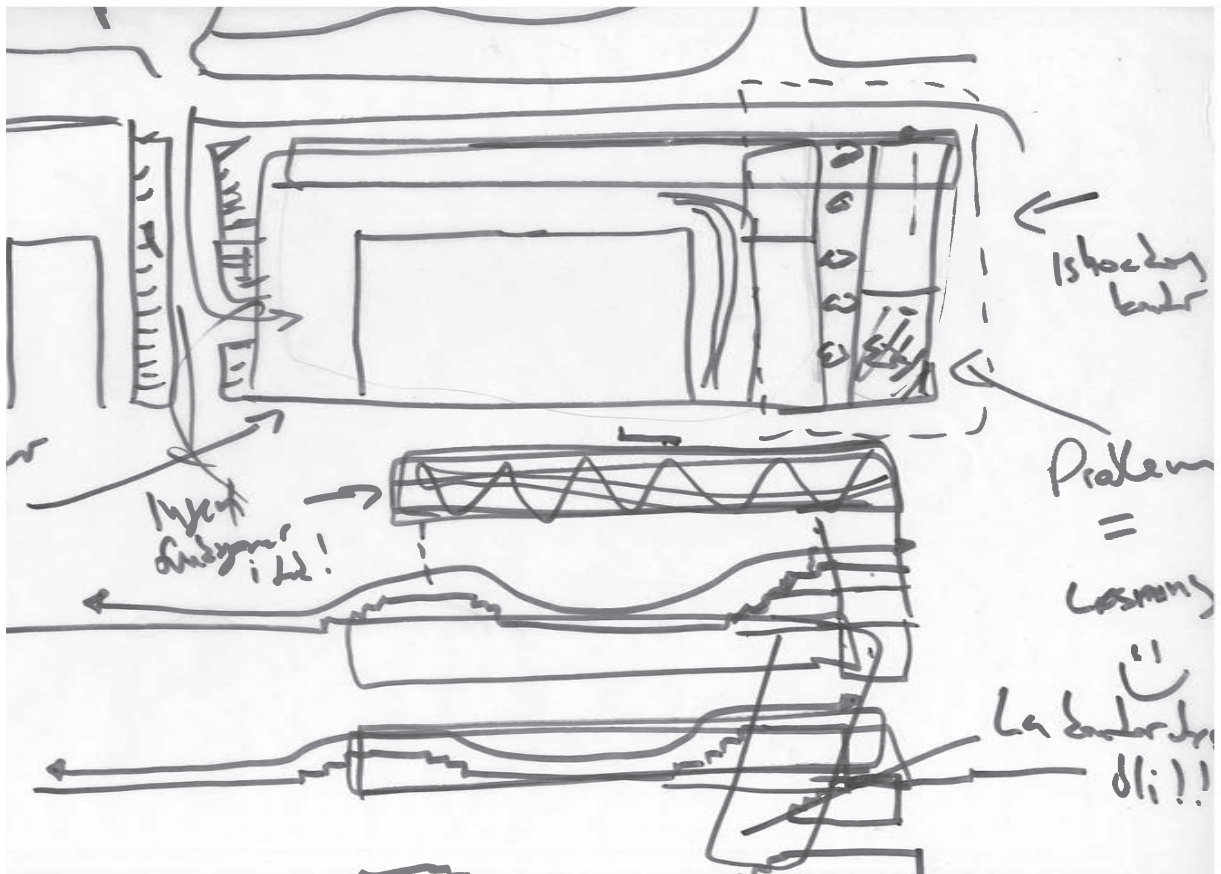
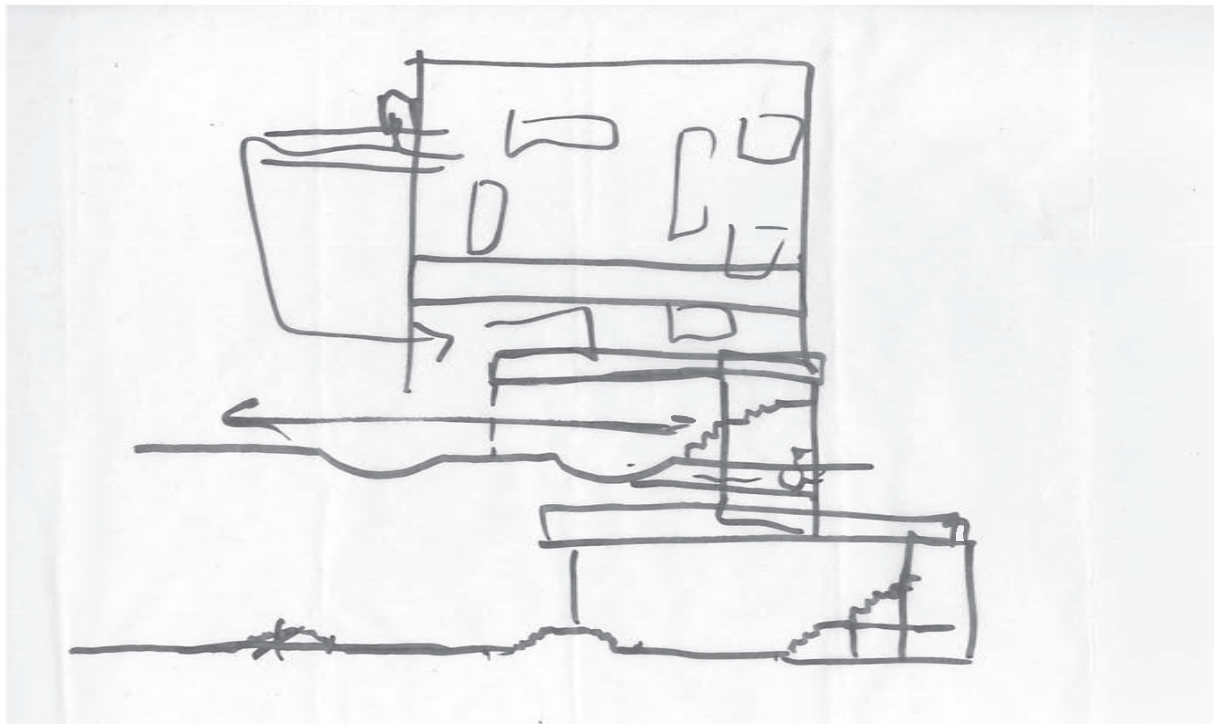


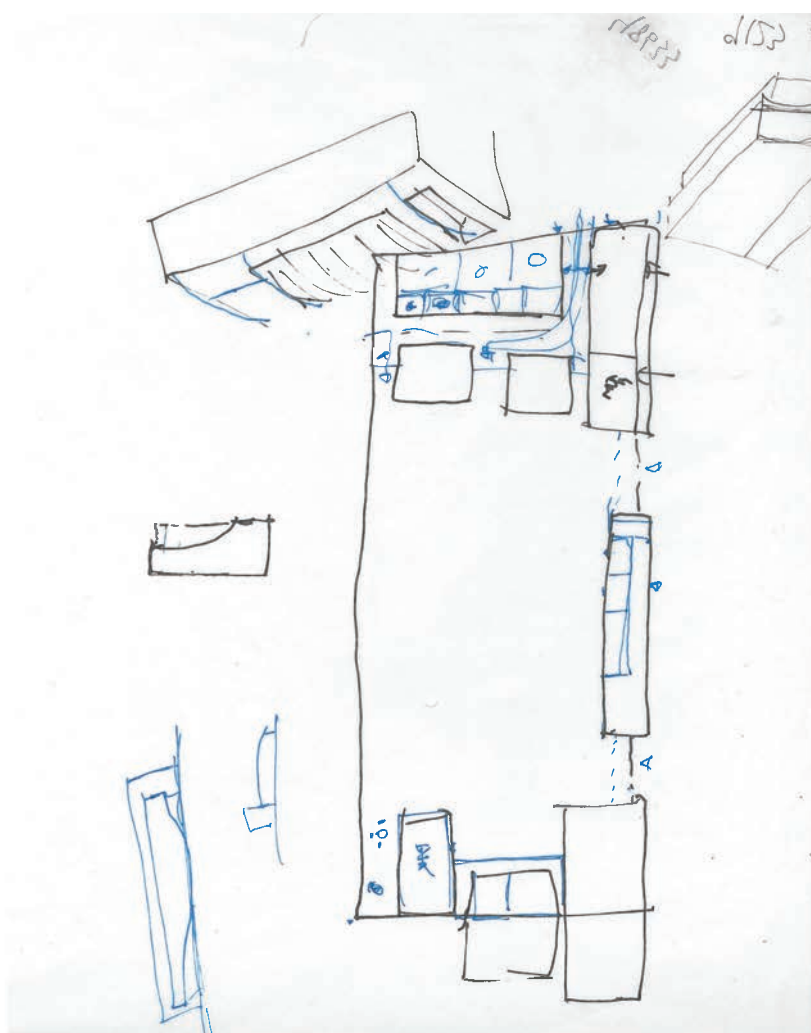
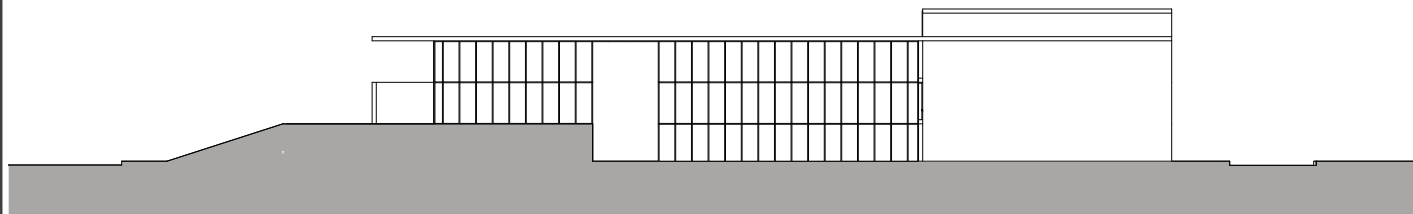
Prosjektet



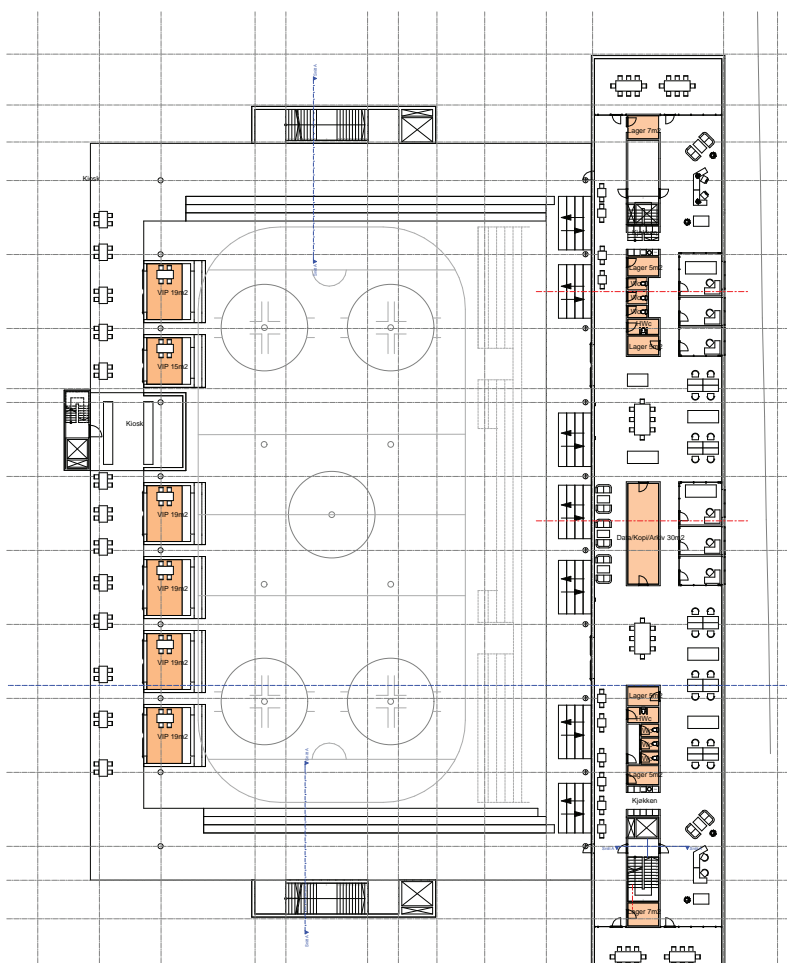
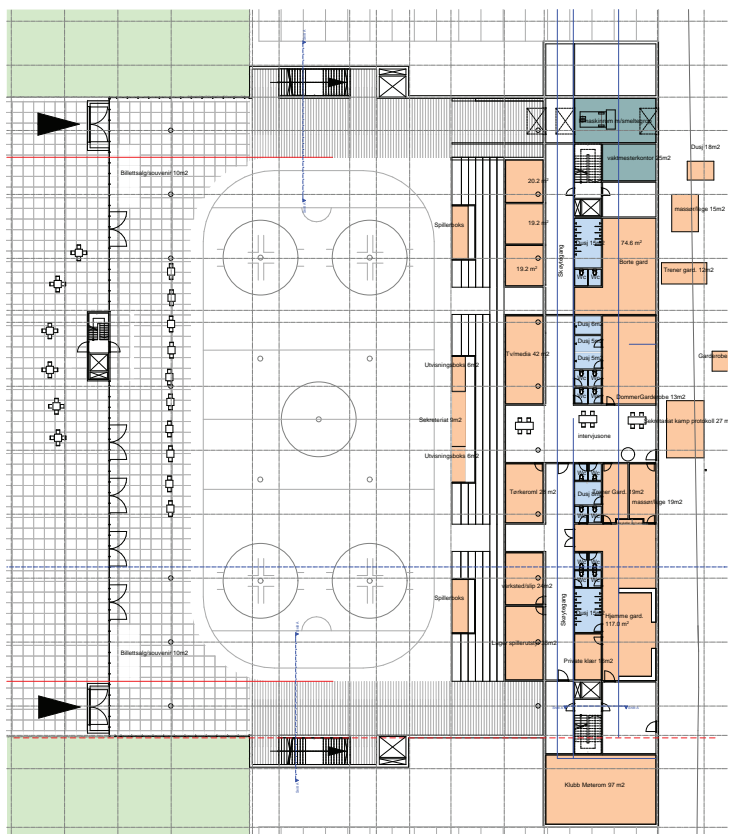


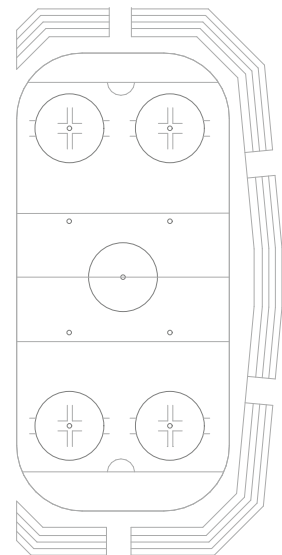
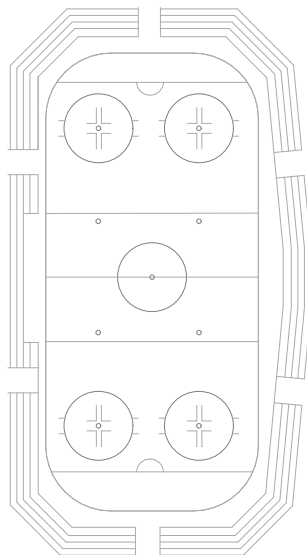
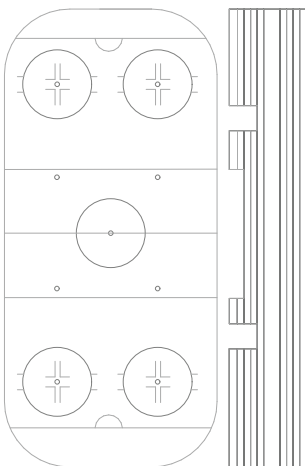
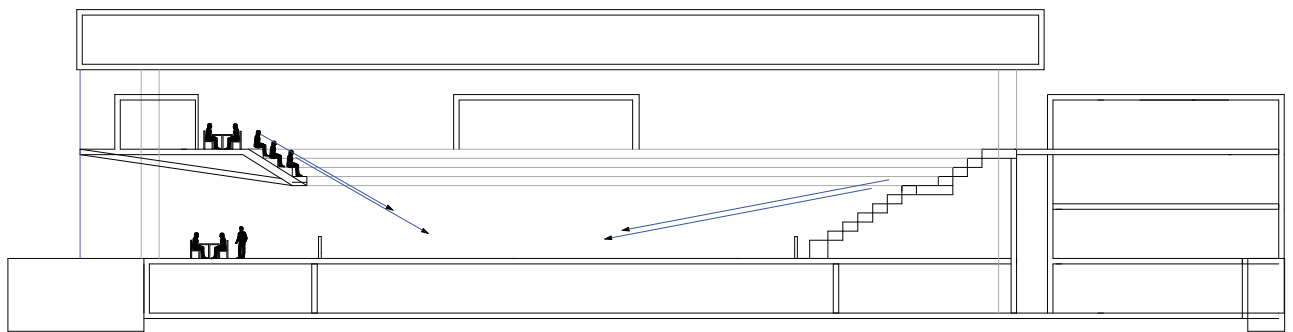
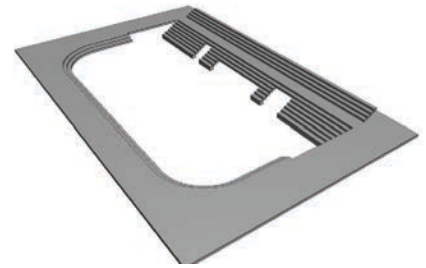
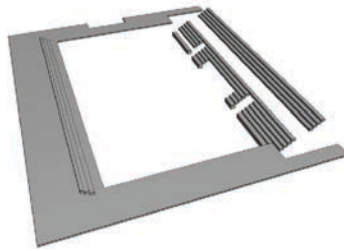
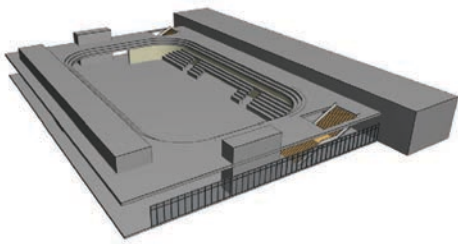
Prosjektet



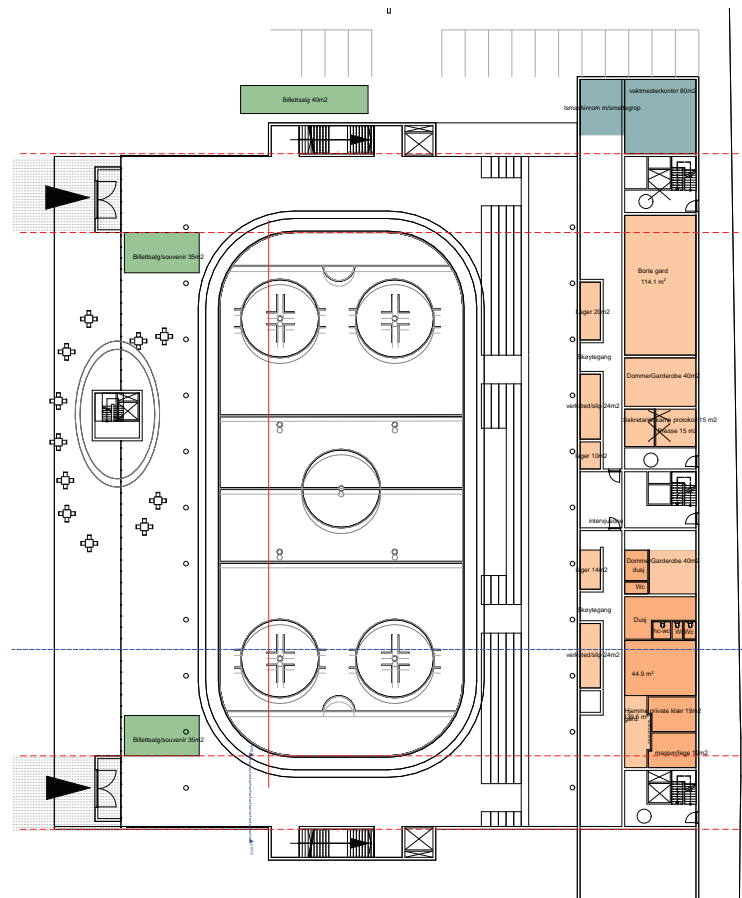
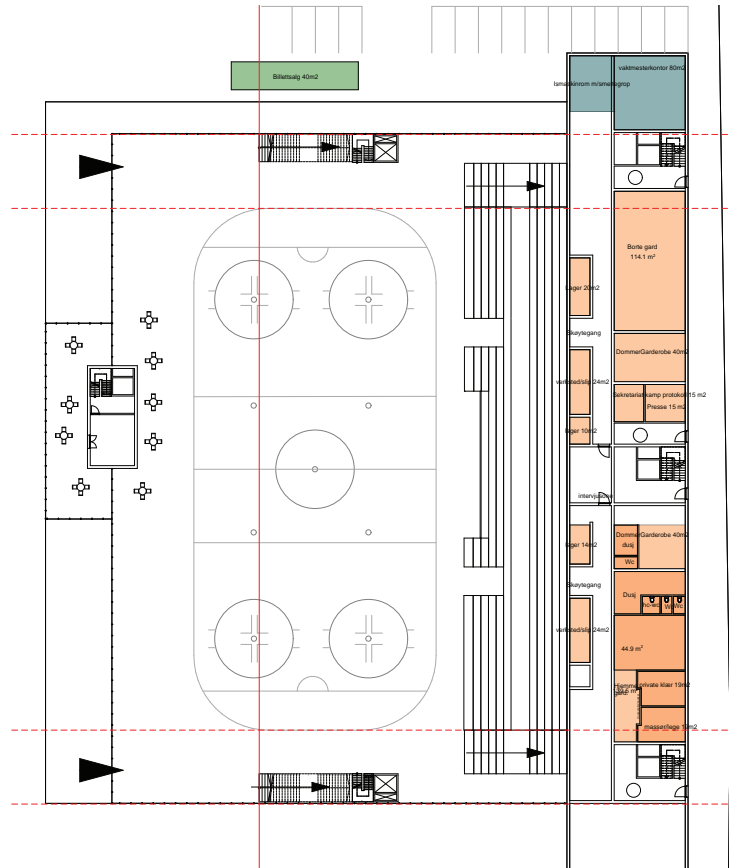


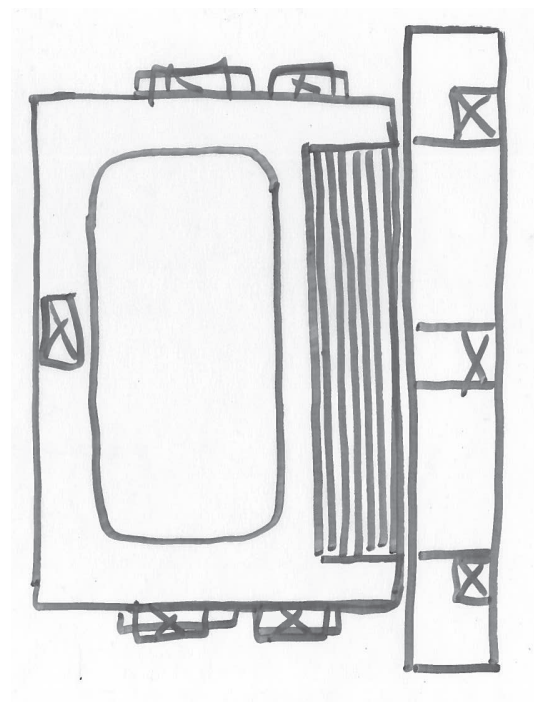
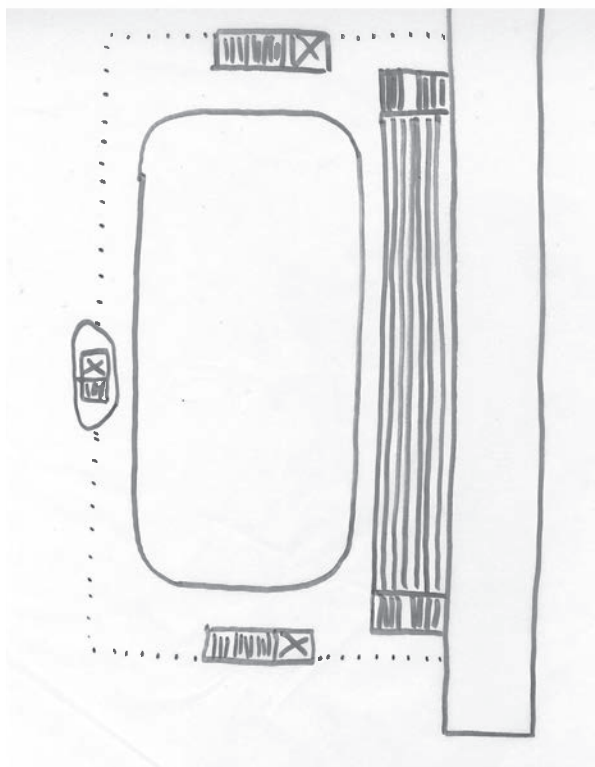
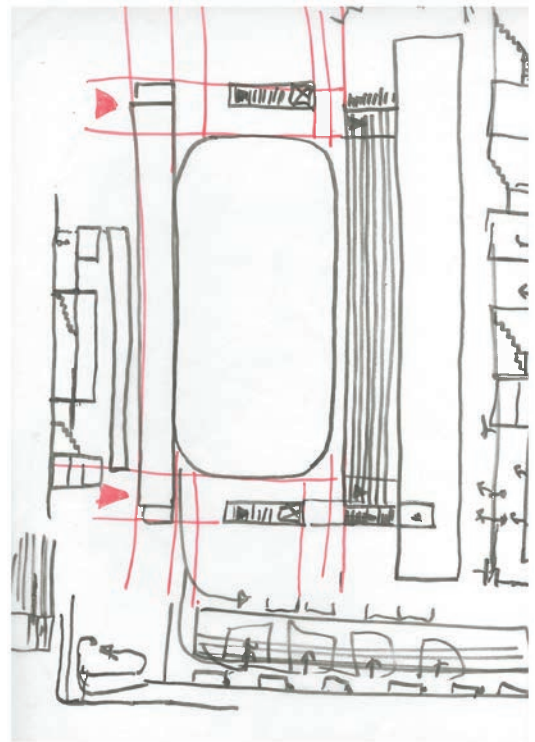
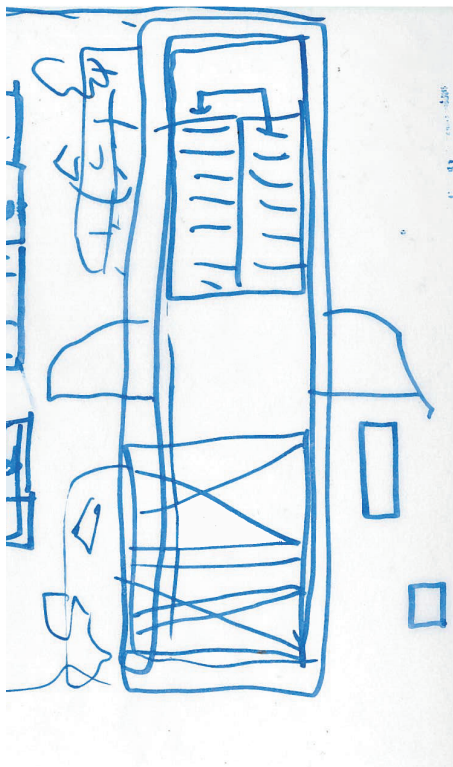
Prosjektet

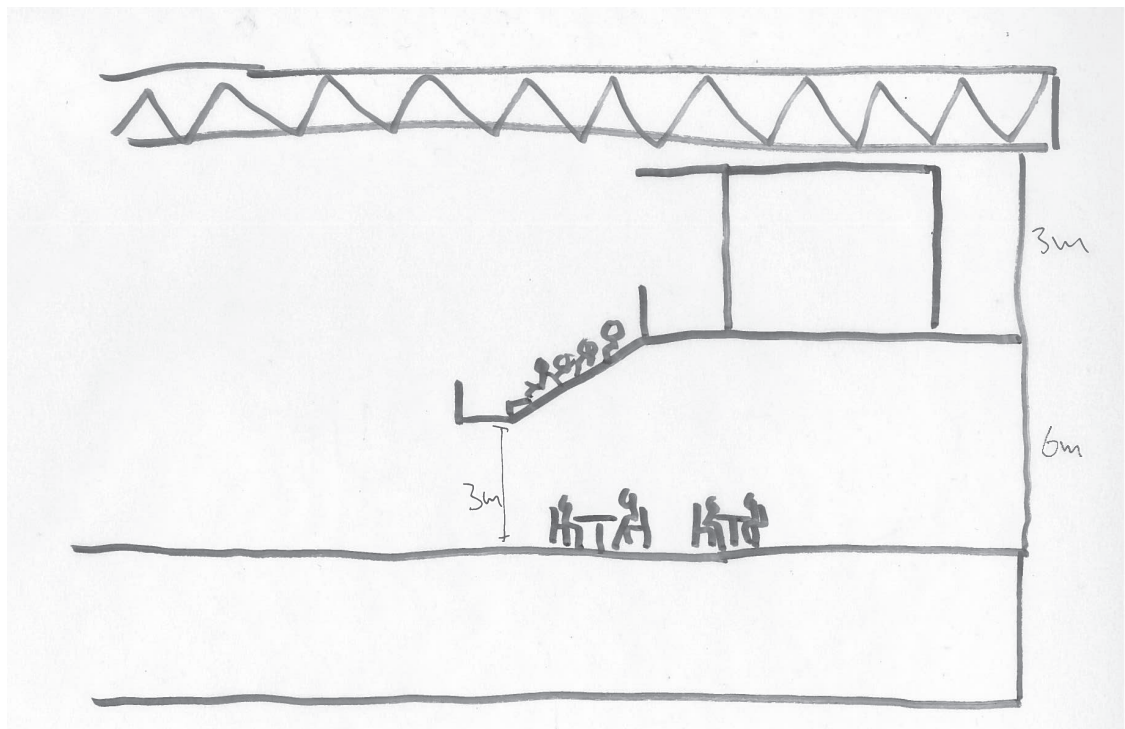
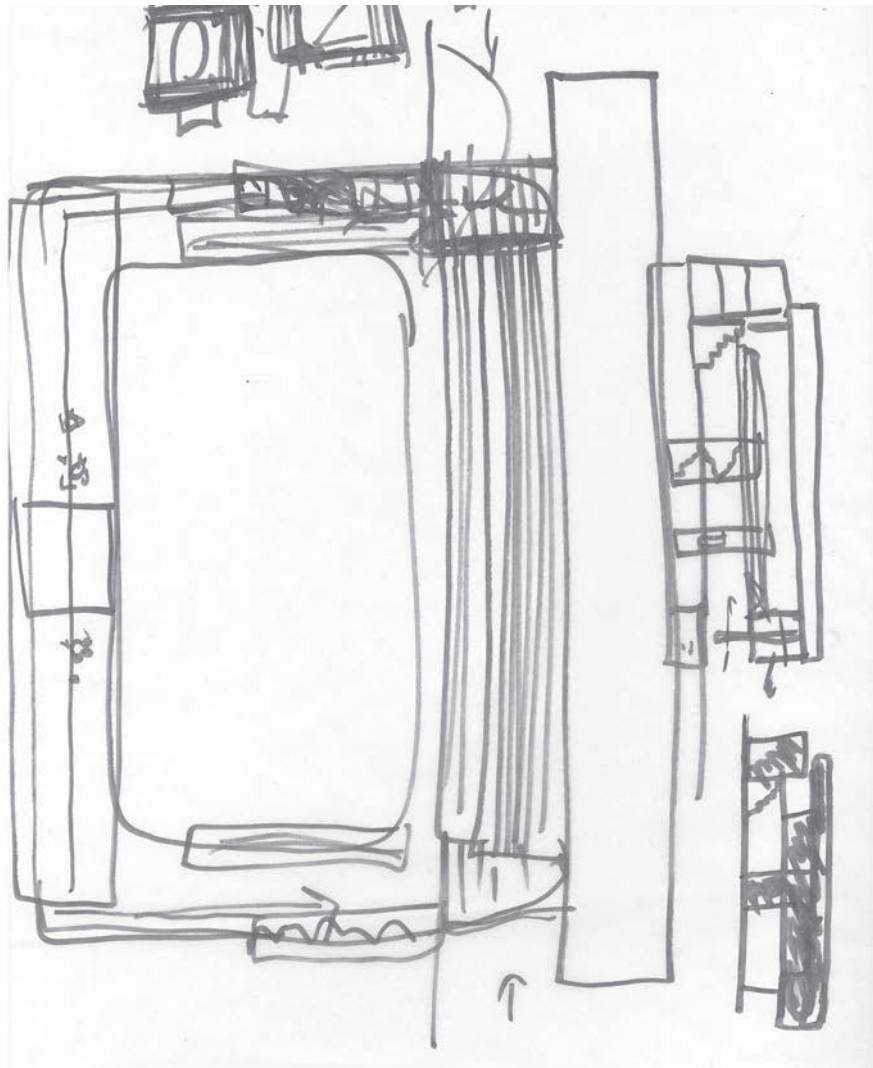


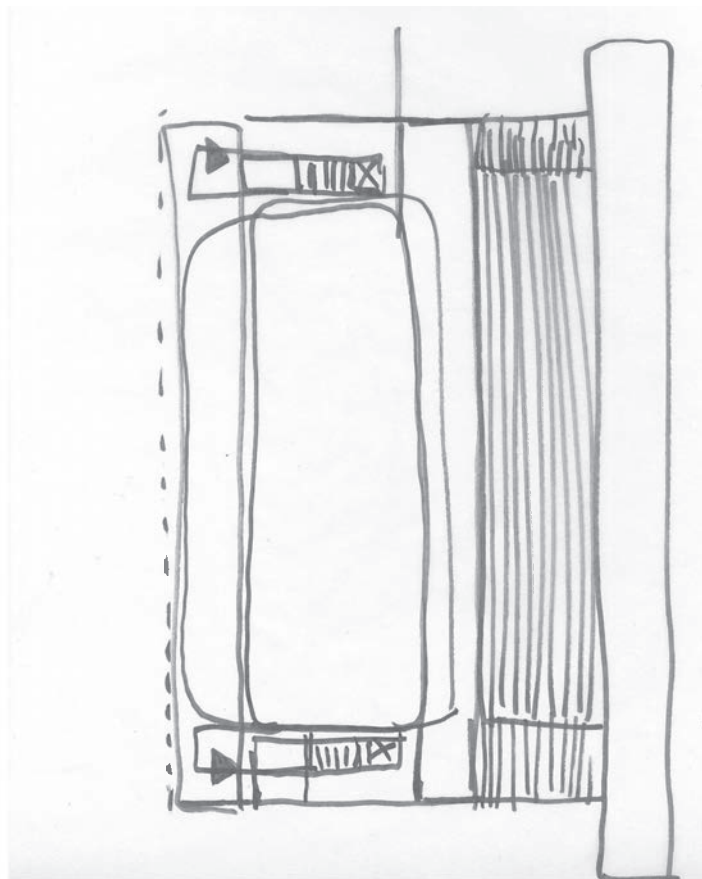
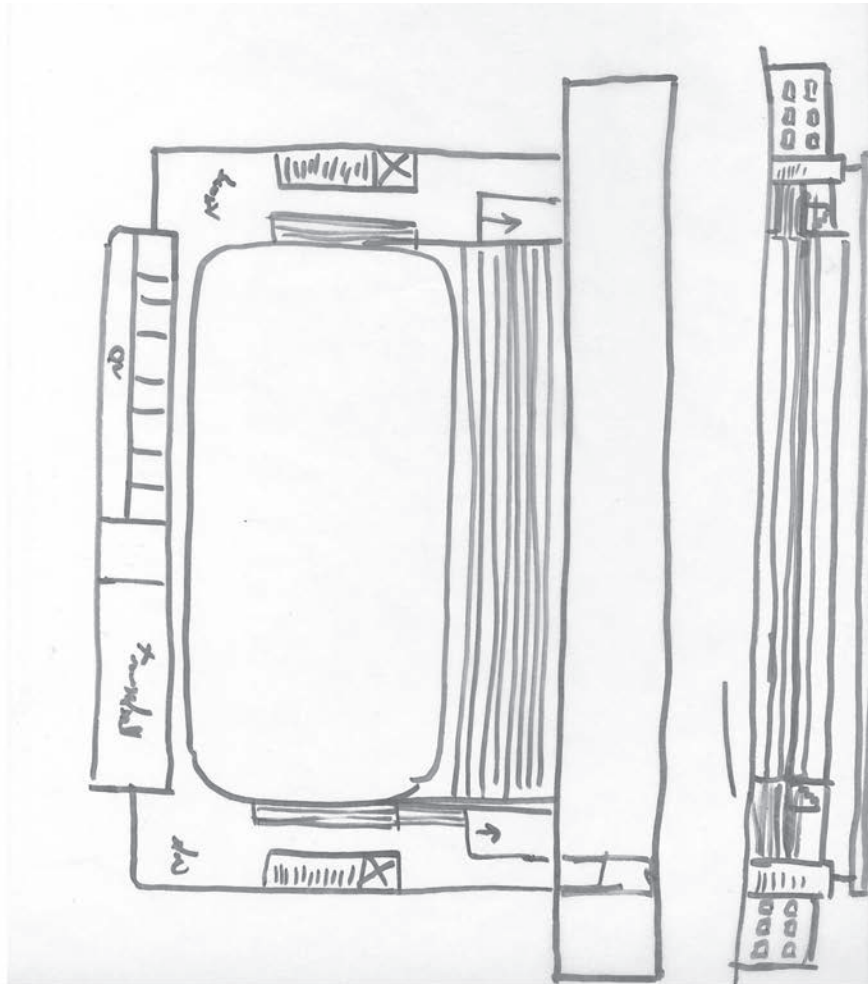


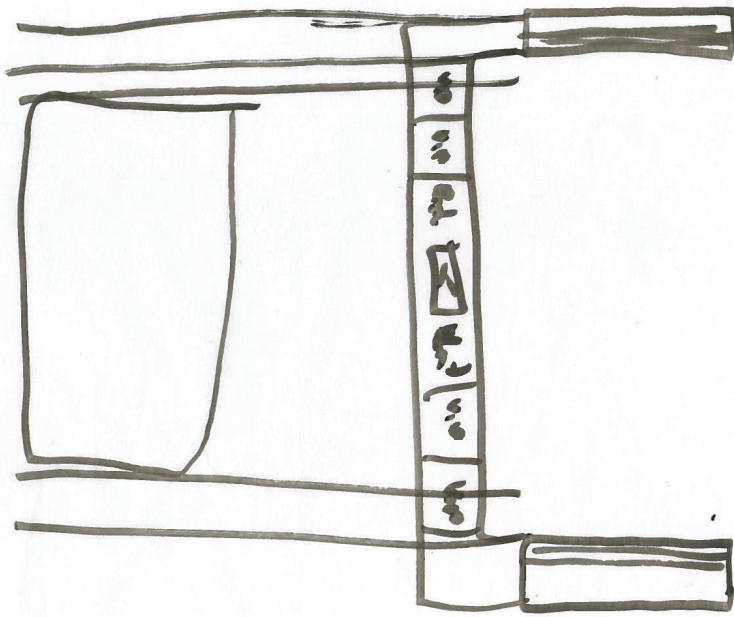
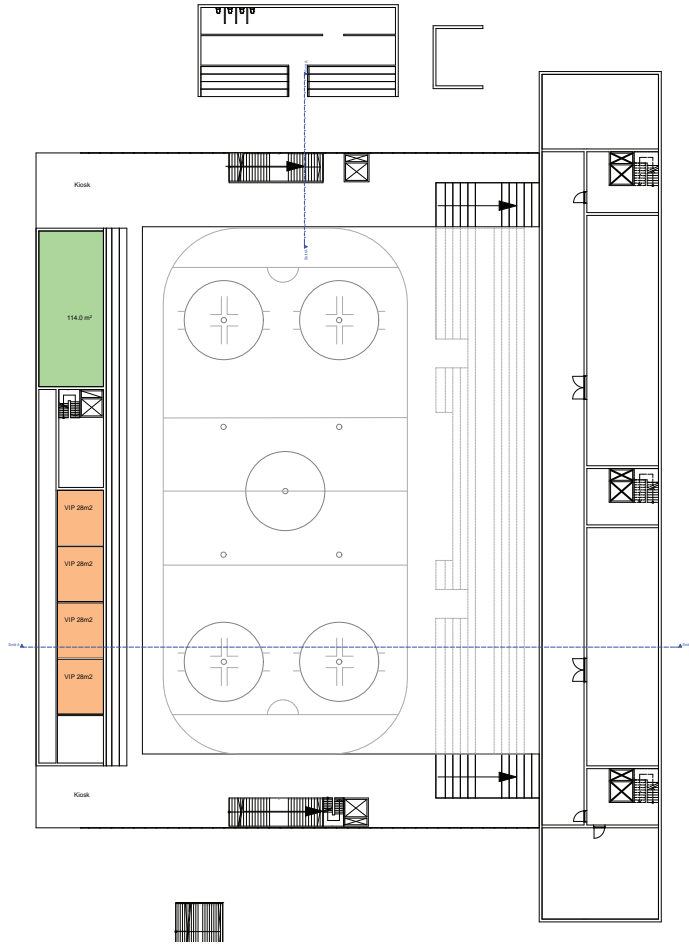
Prosjektet

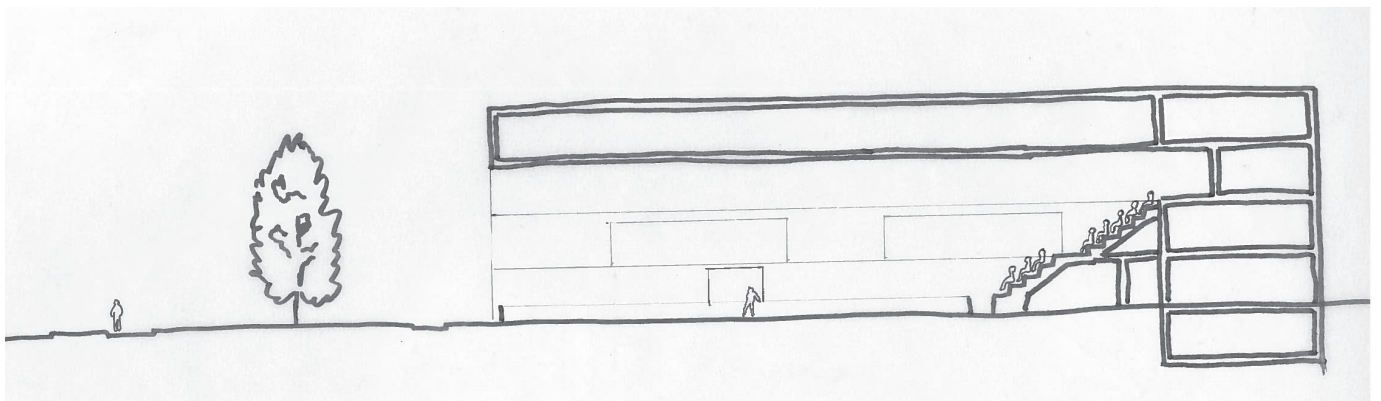


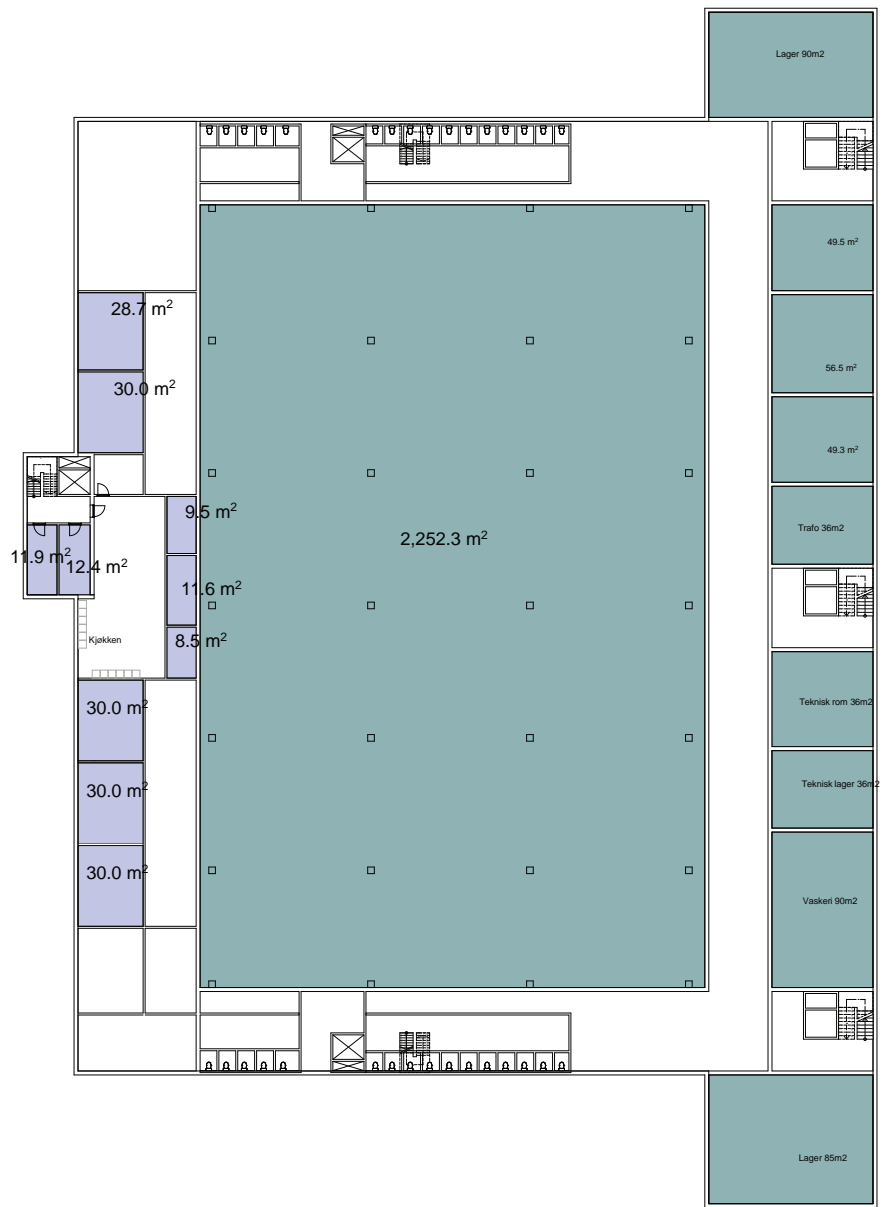


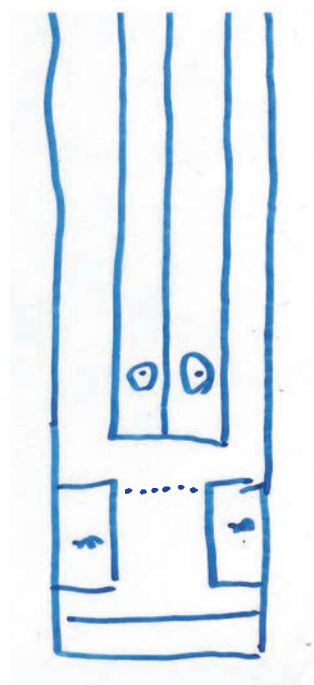
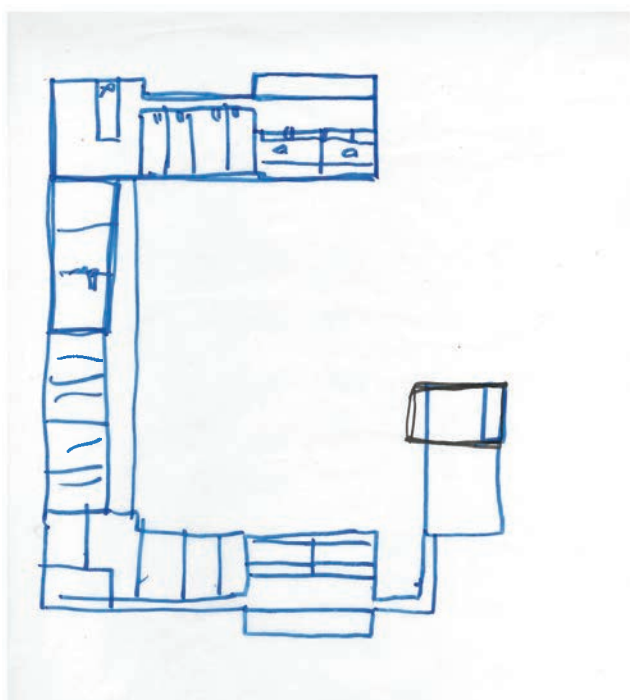
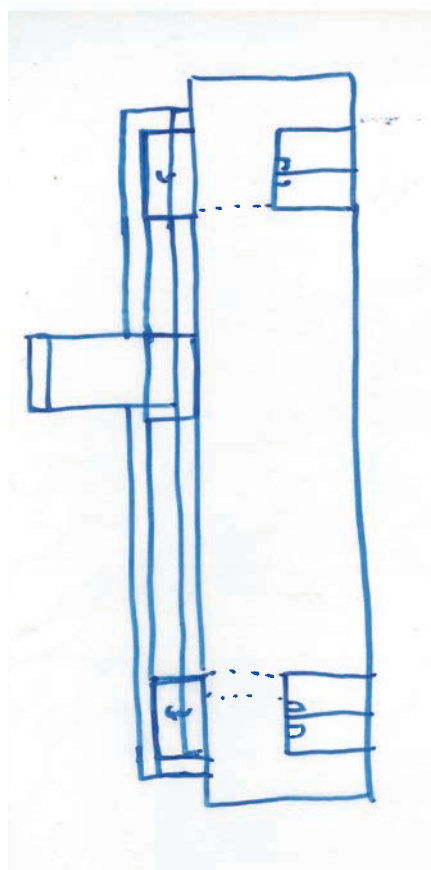
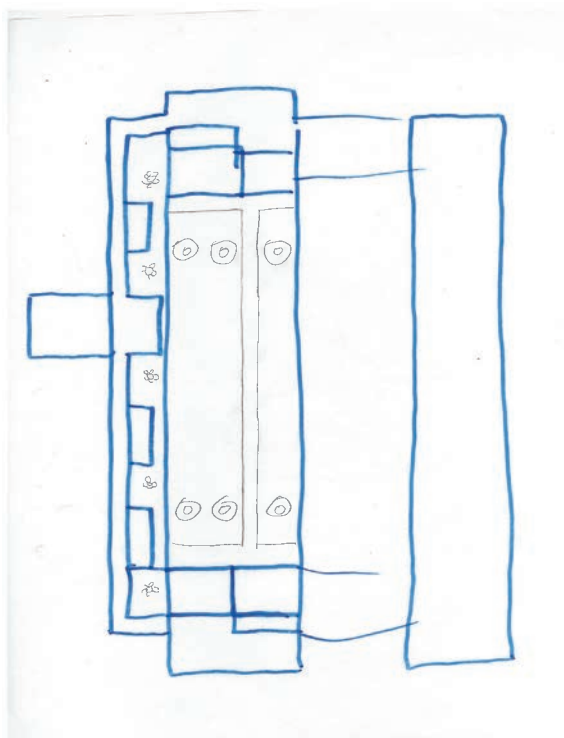


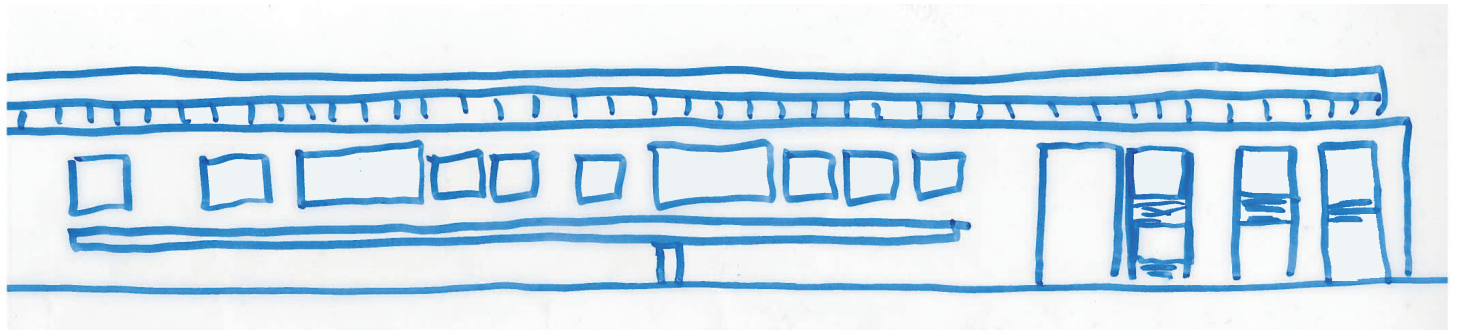
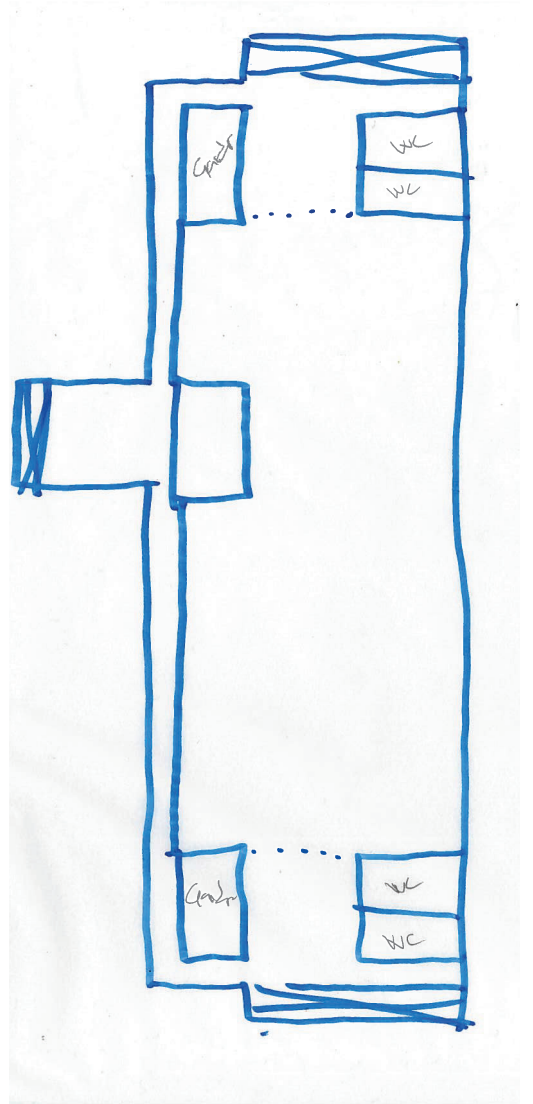
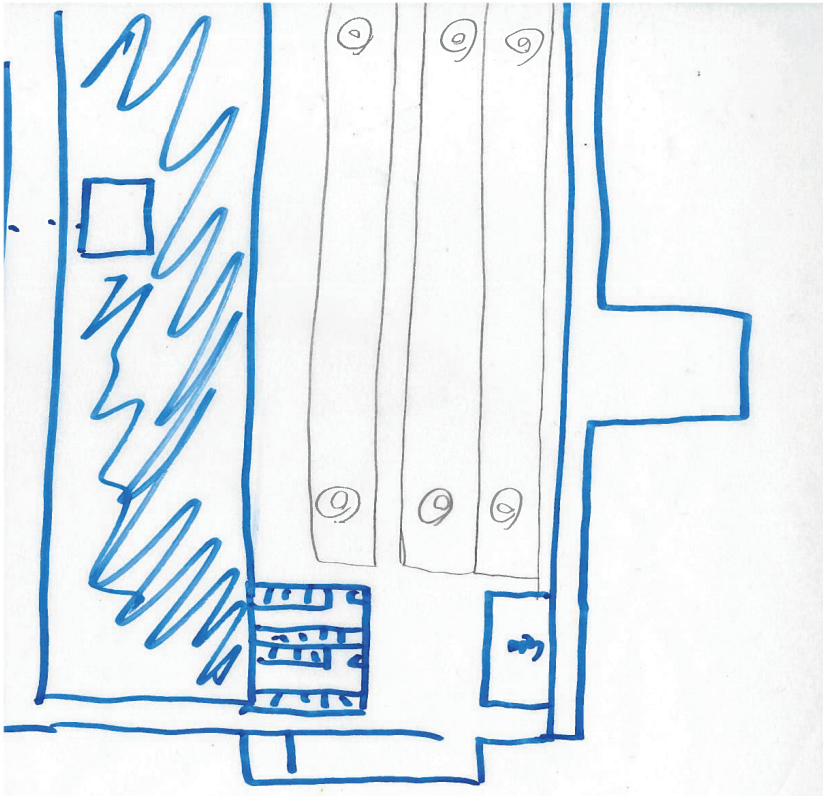


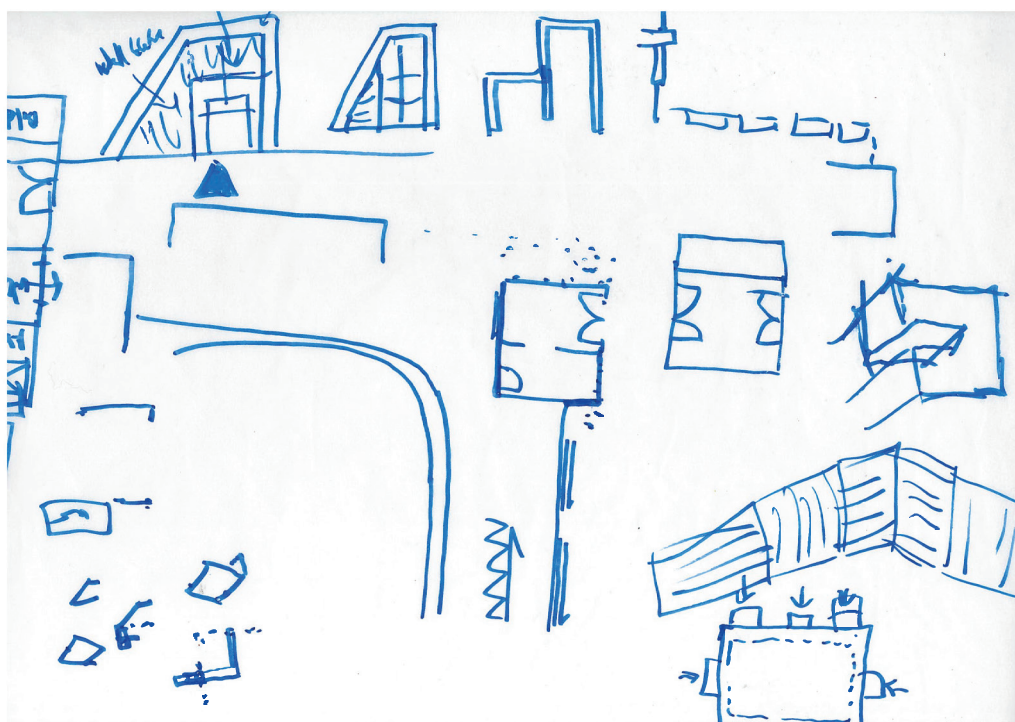
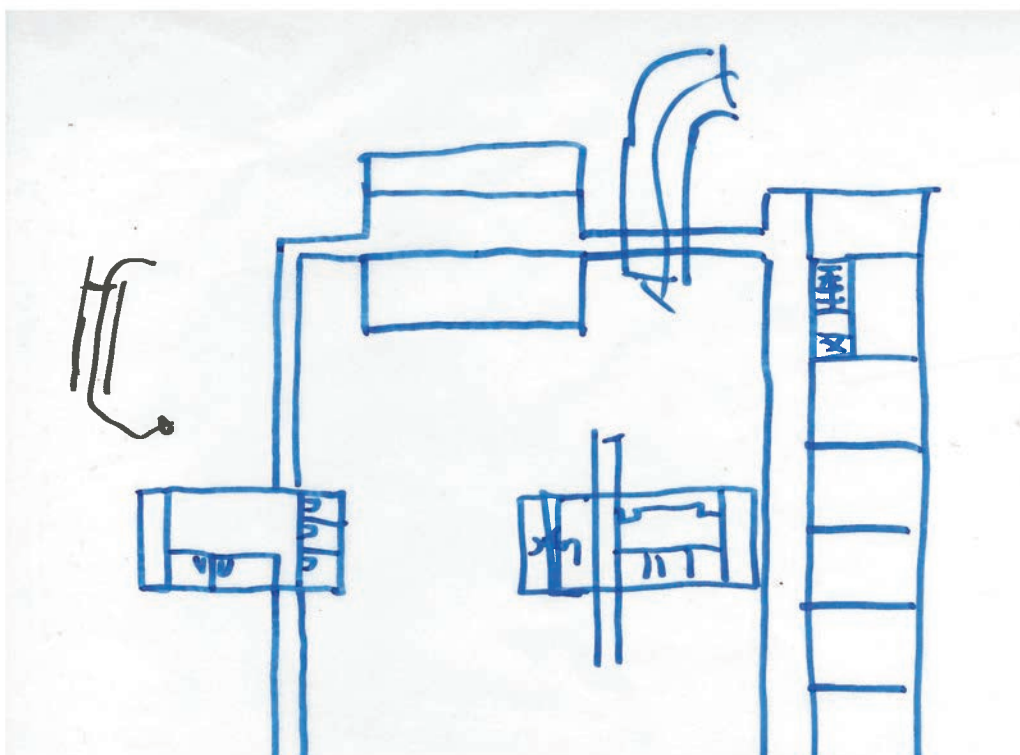


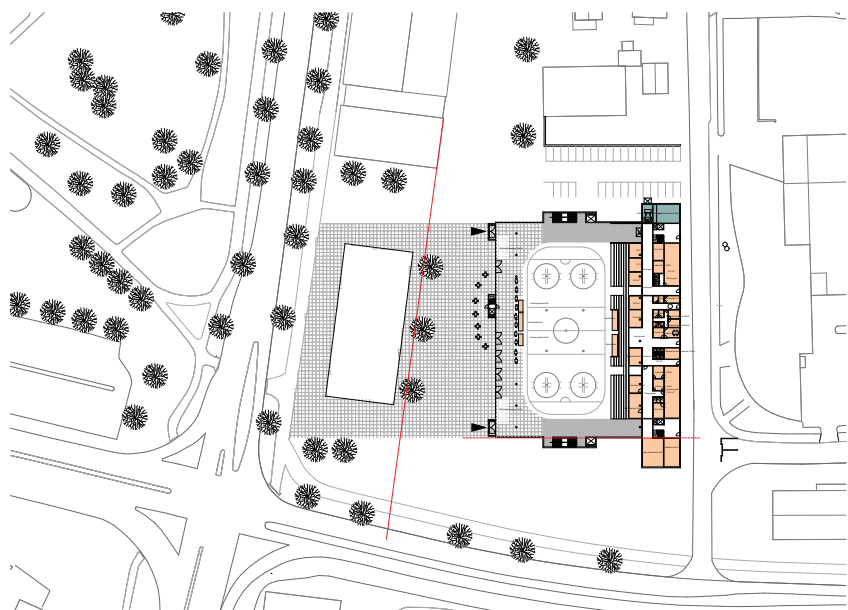


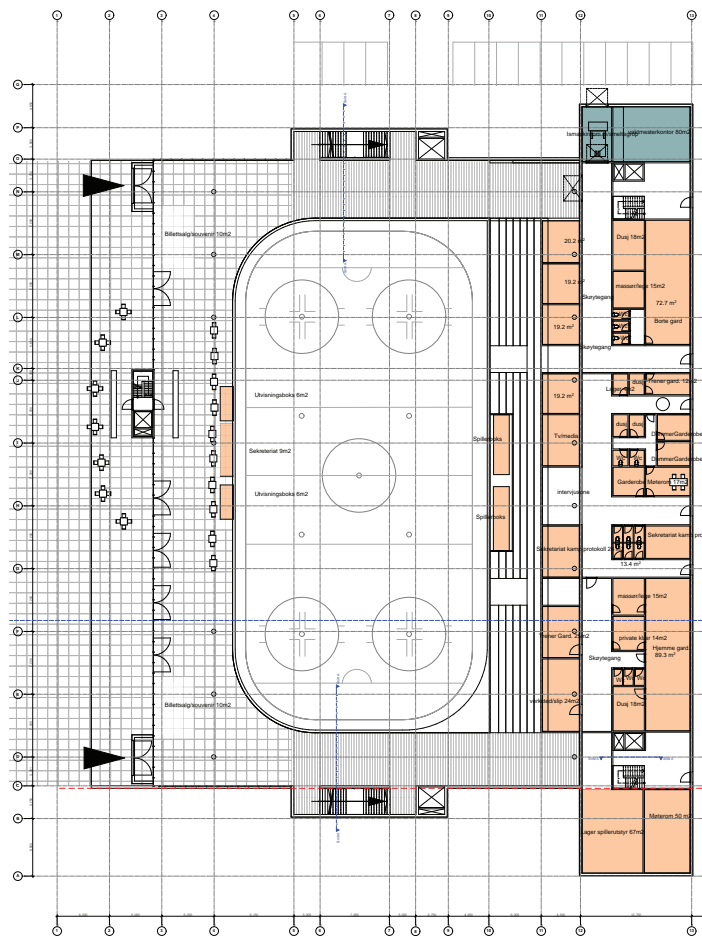
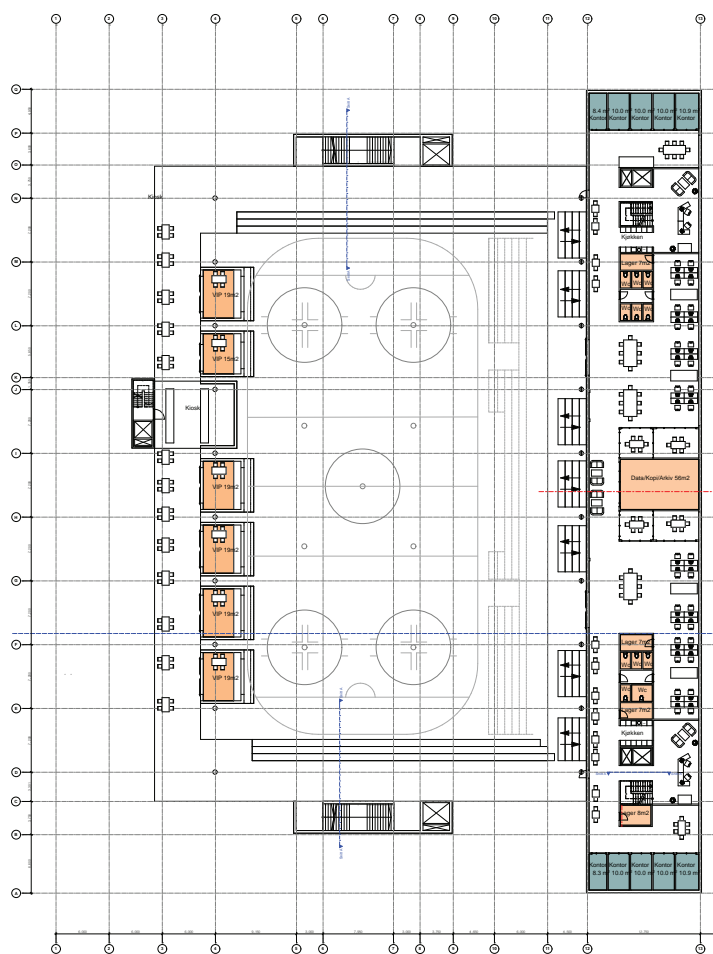




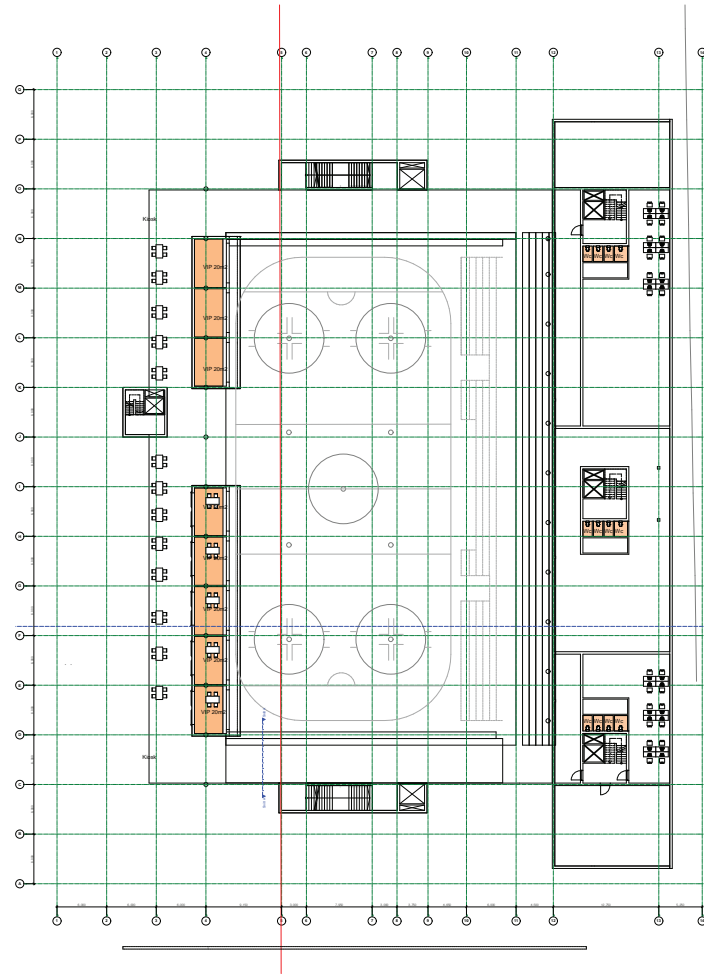
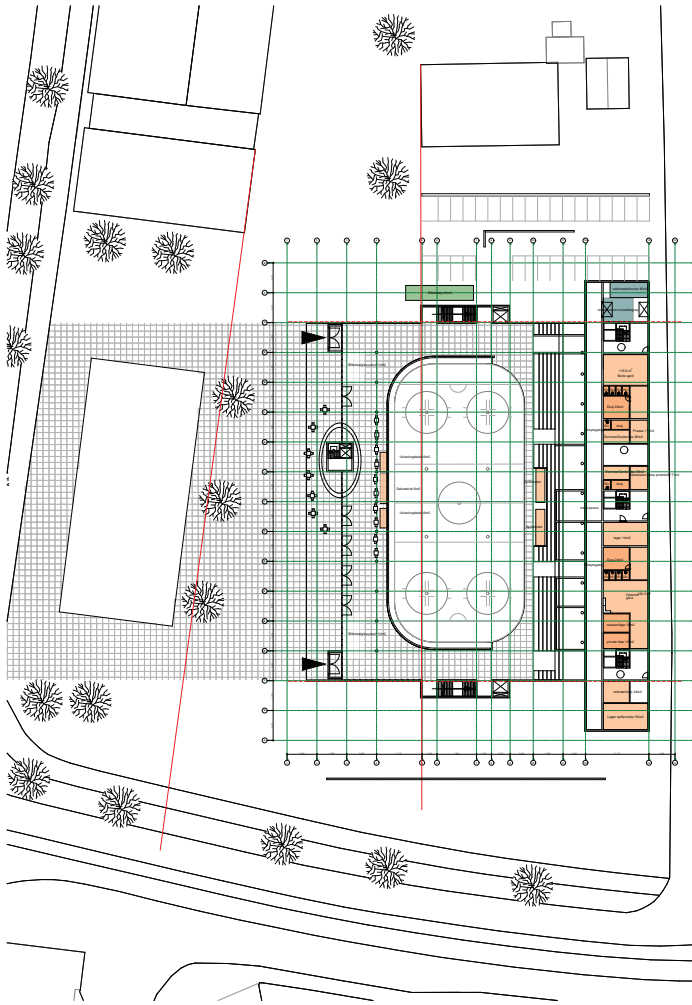


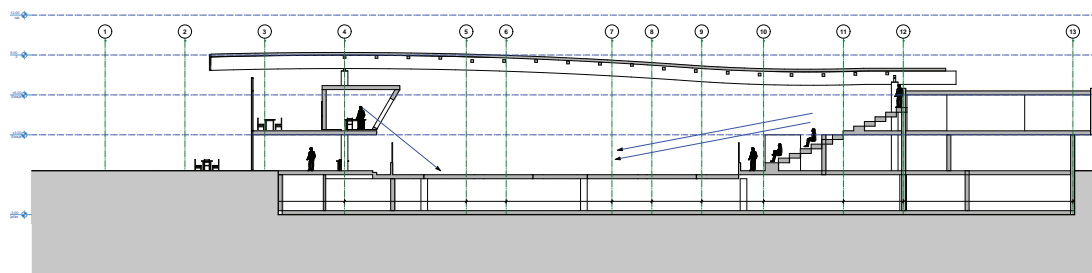
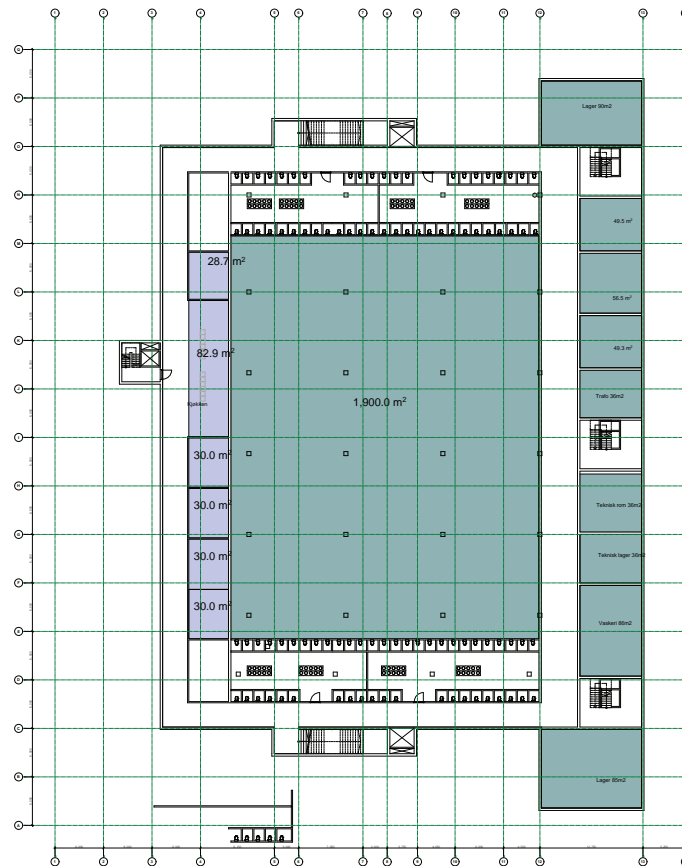




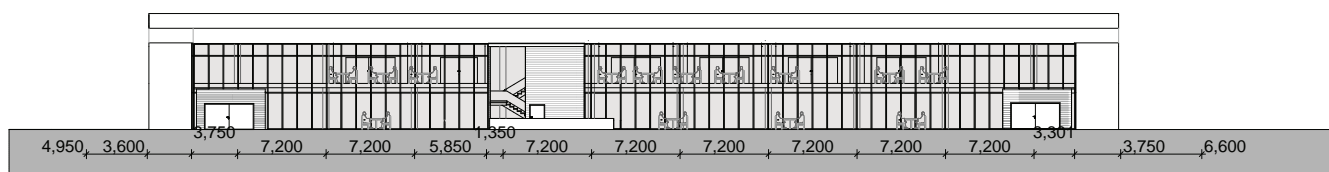
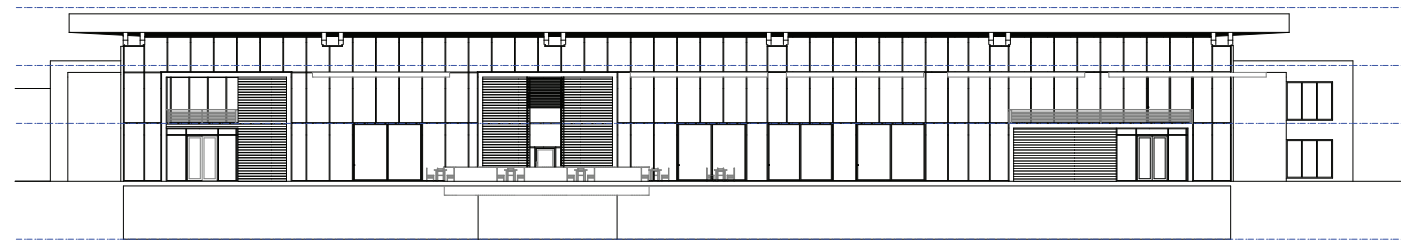
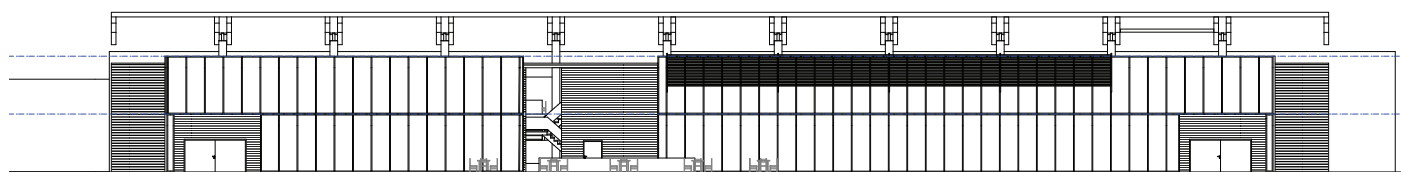
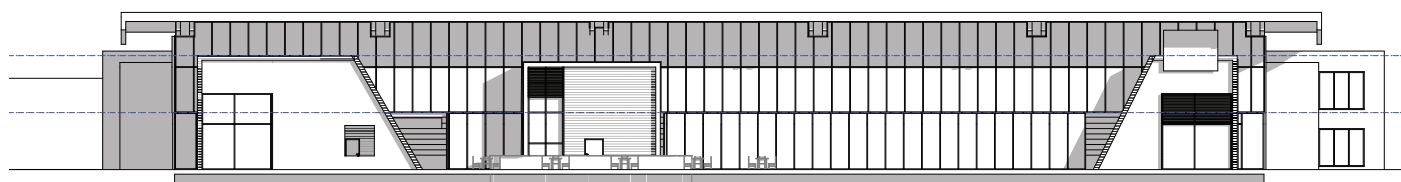
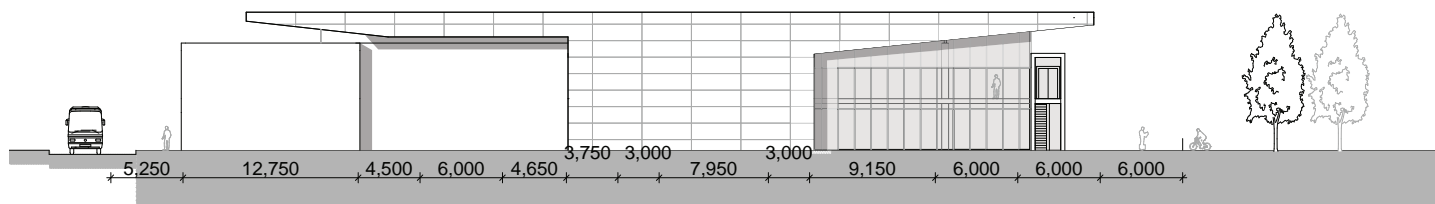


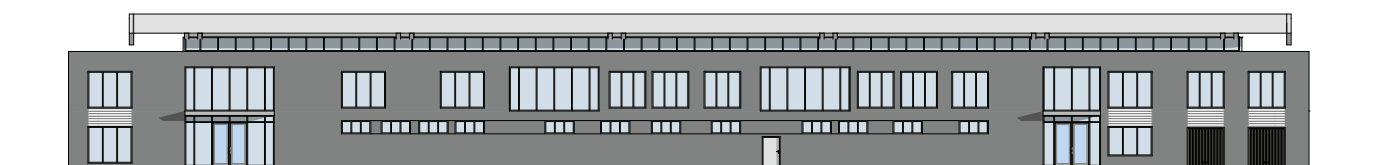
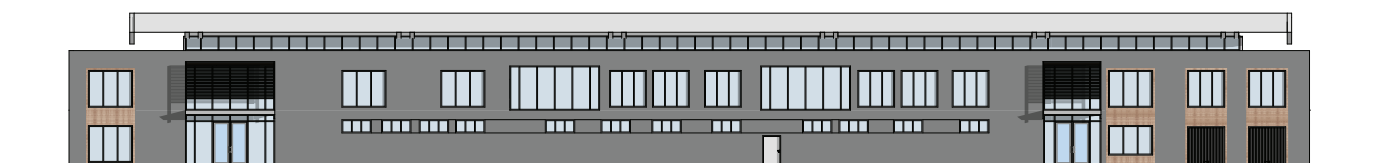
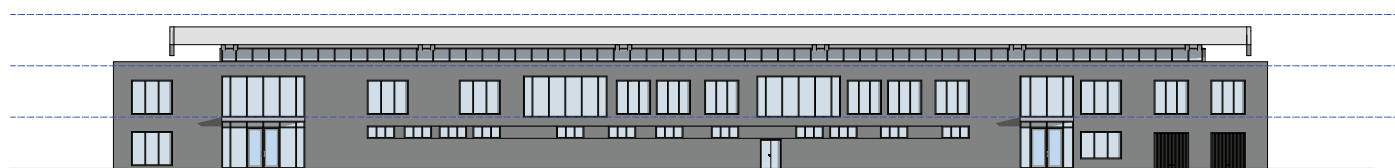
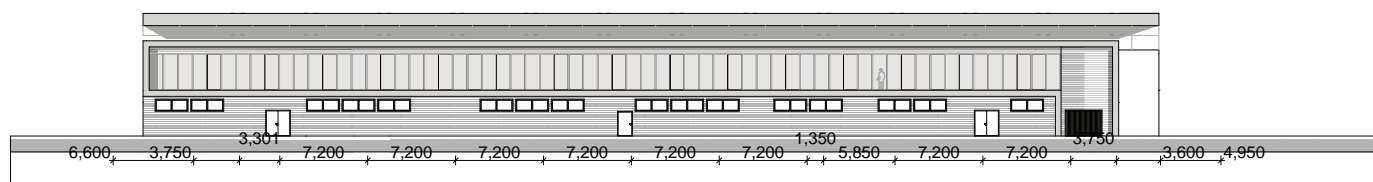
Prosjektet



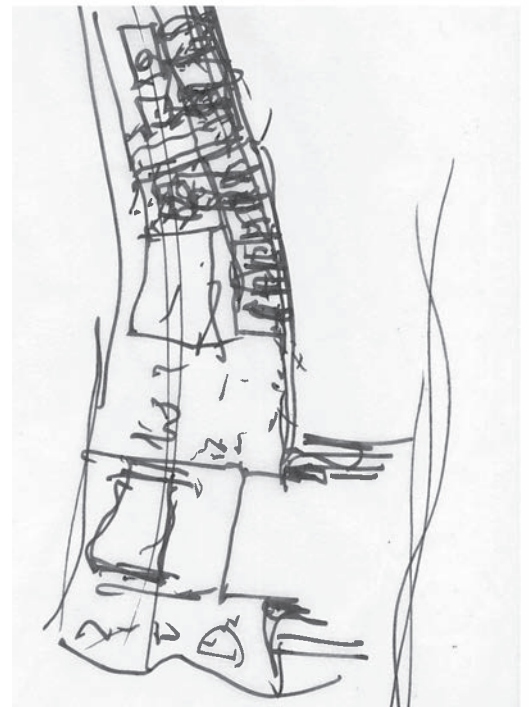
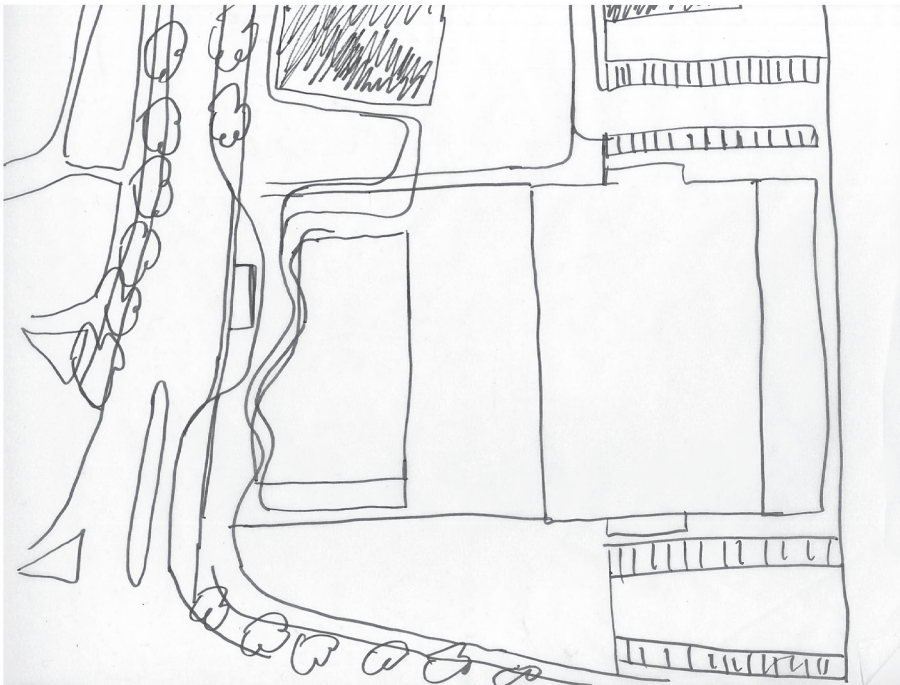
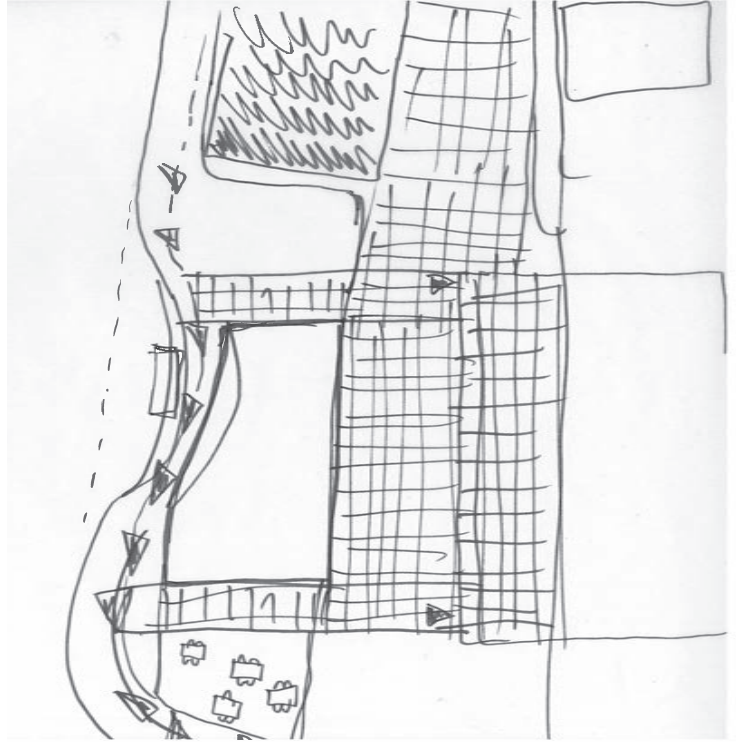
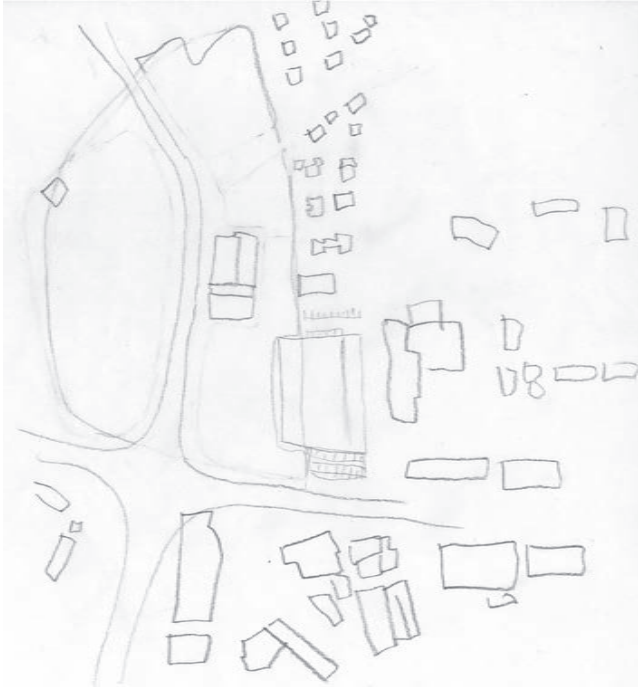


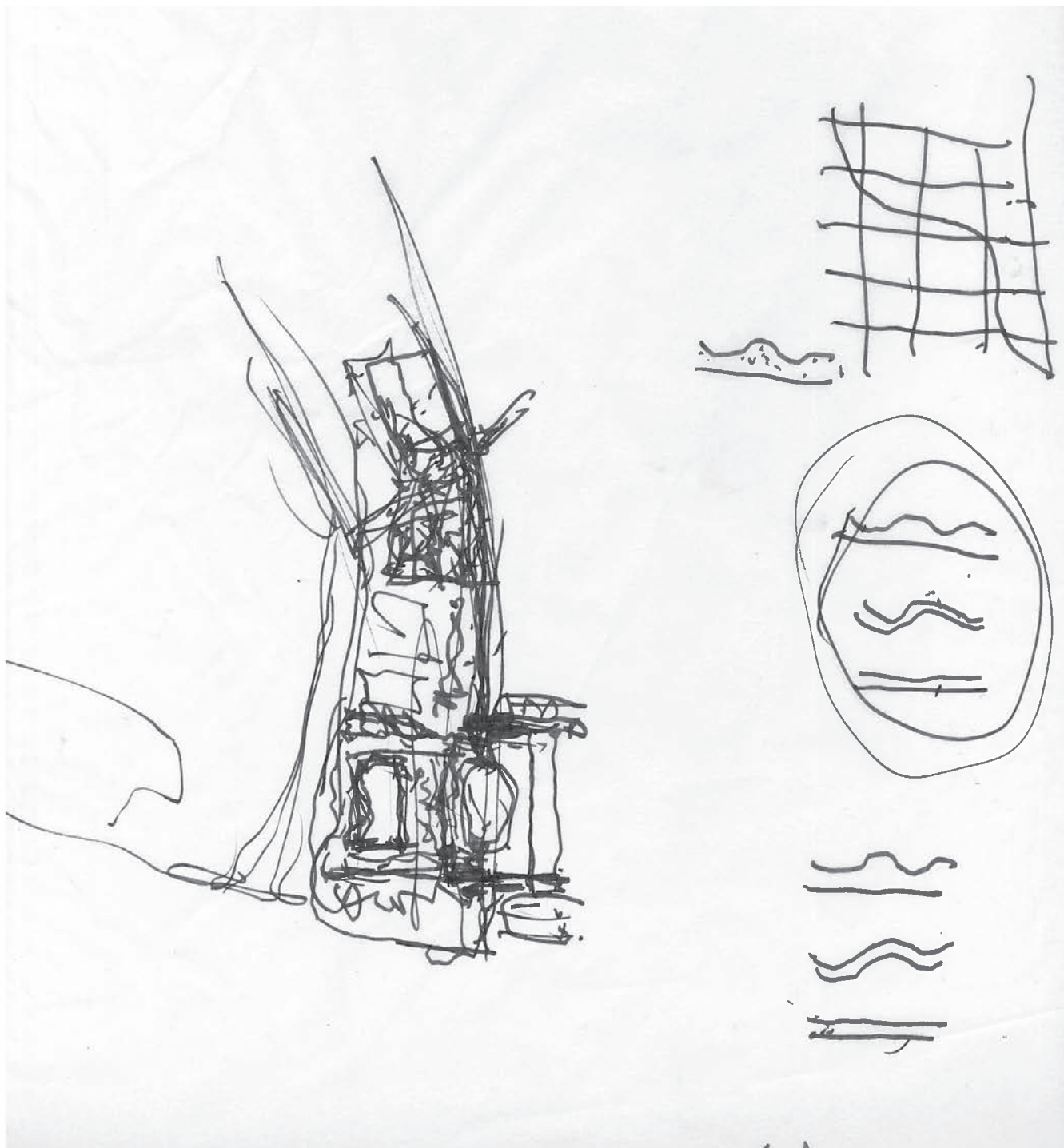
Prosjektet





Prosjektet



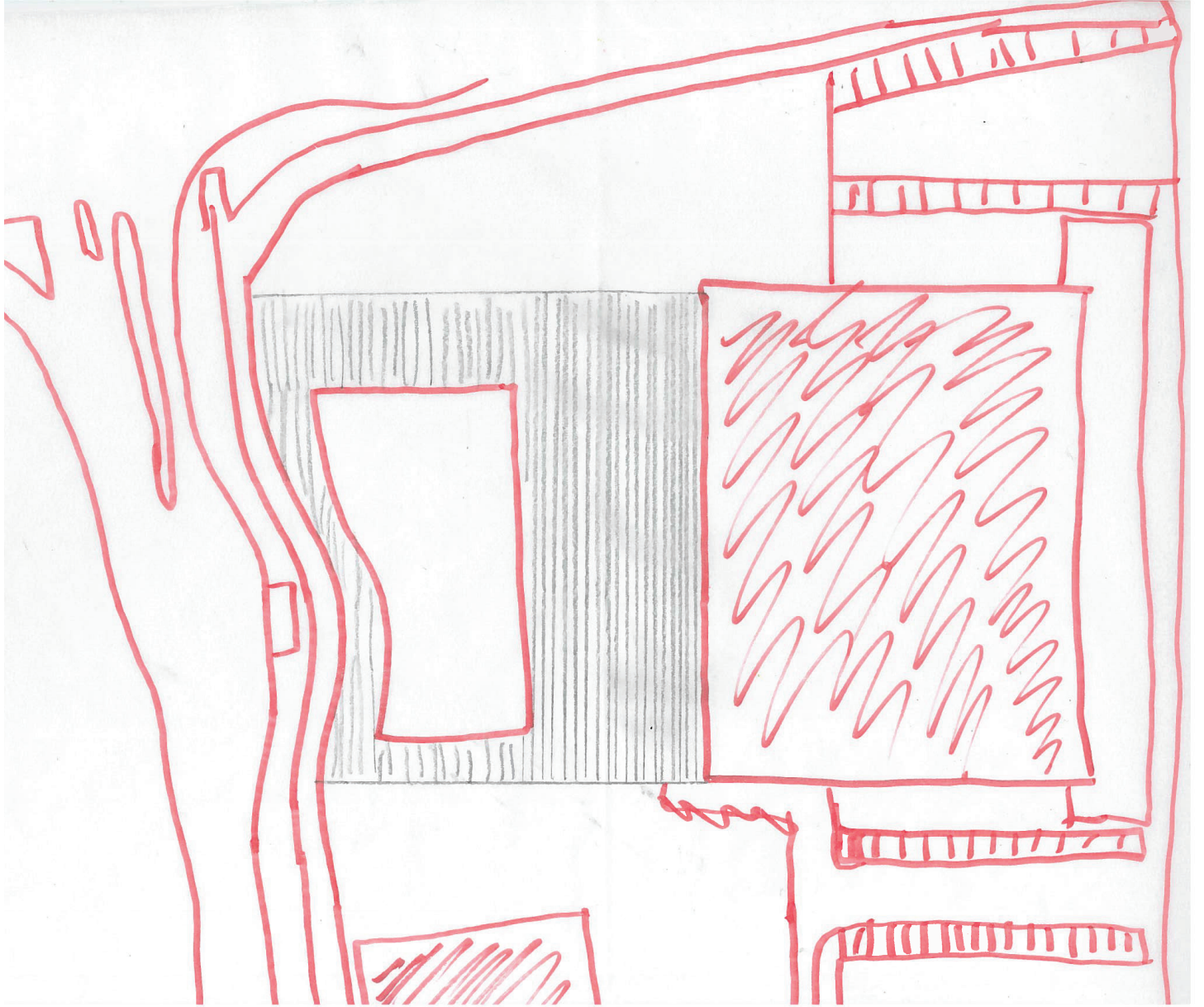


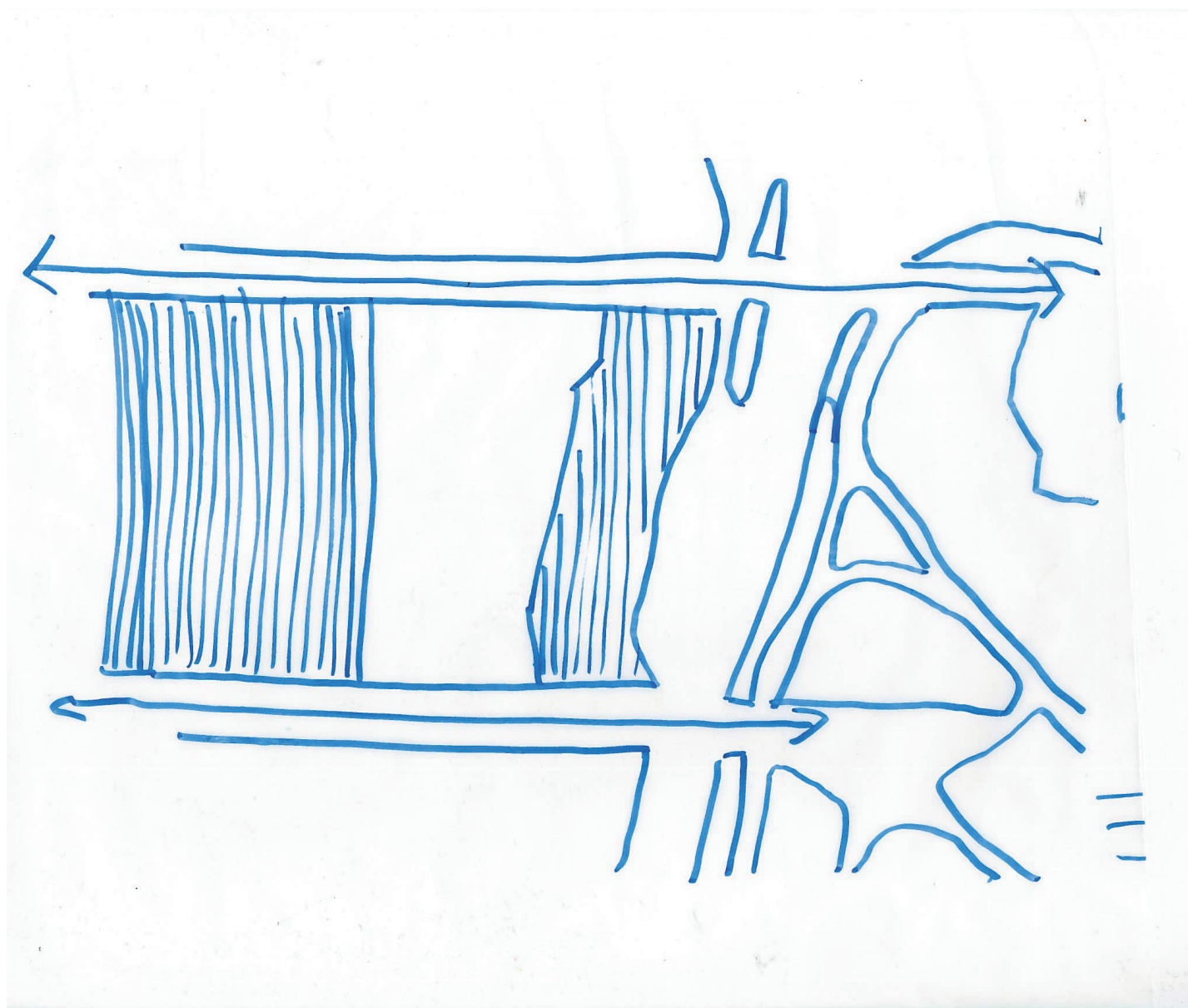
Uteområdet



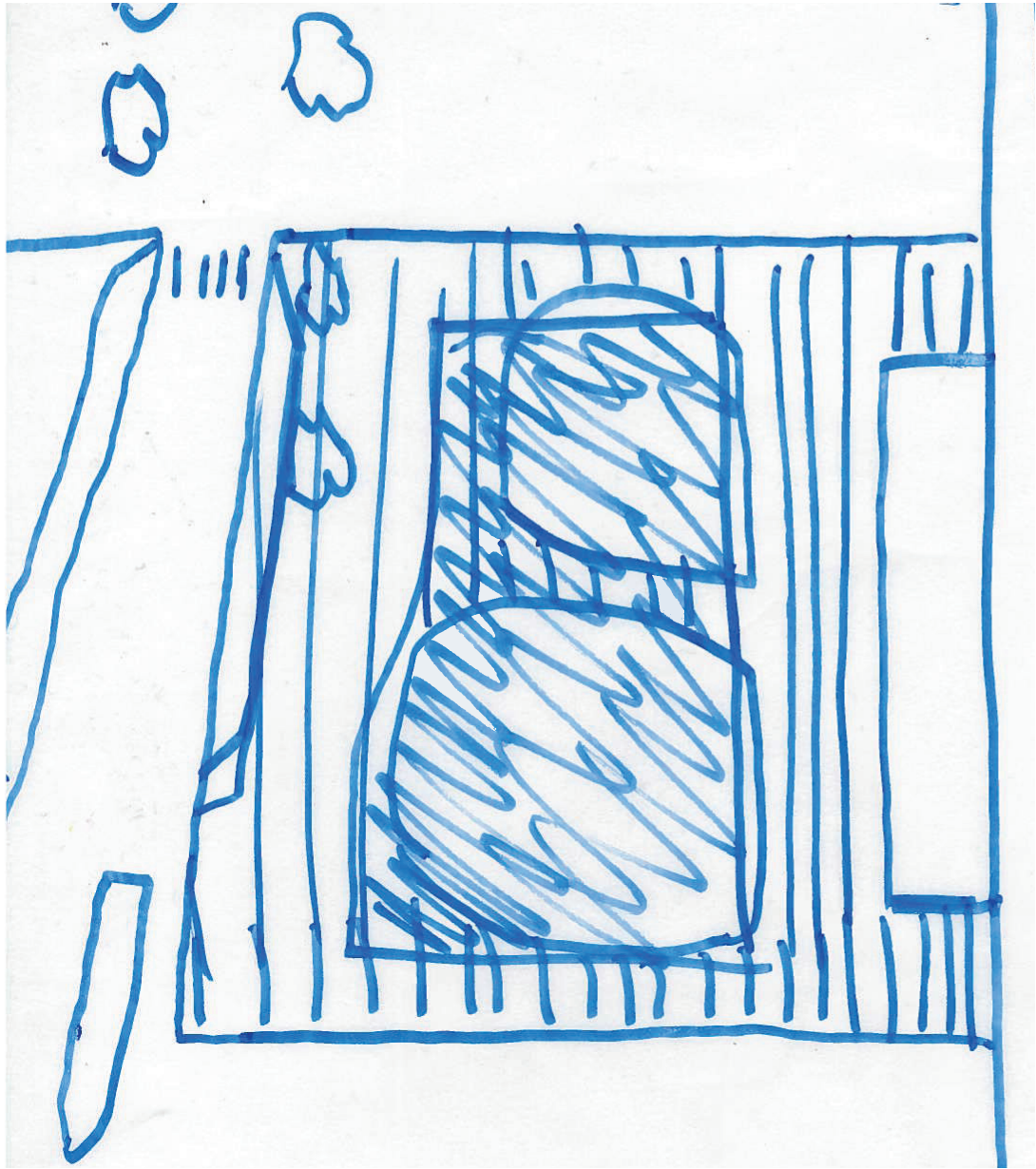


Uteområdet





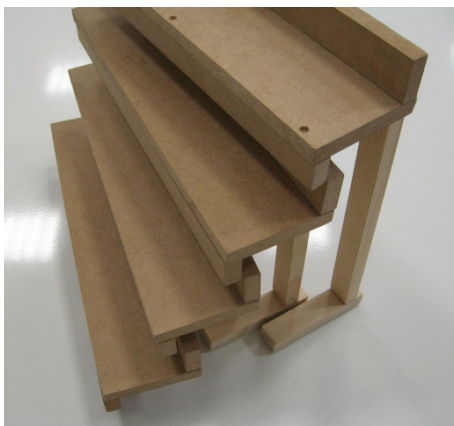
Uteområdet



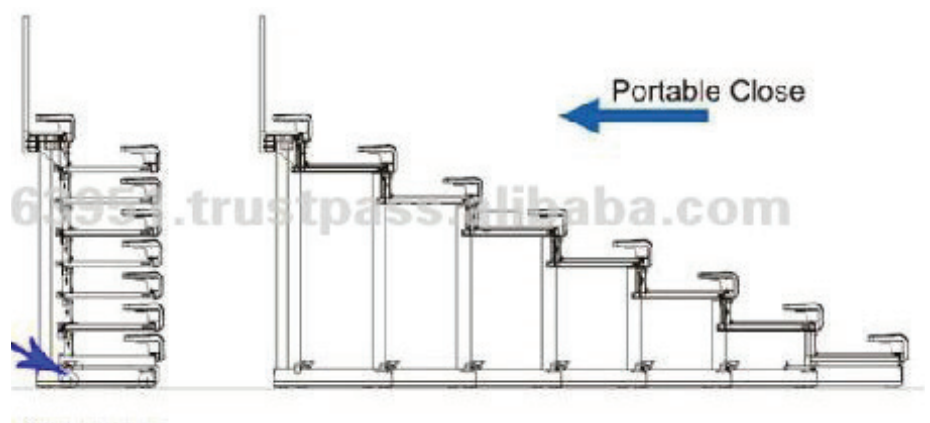


Uteområdet

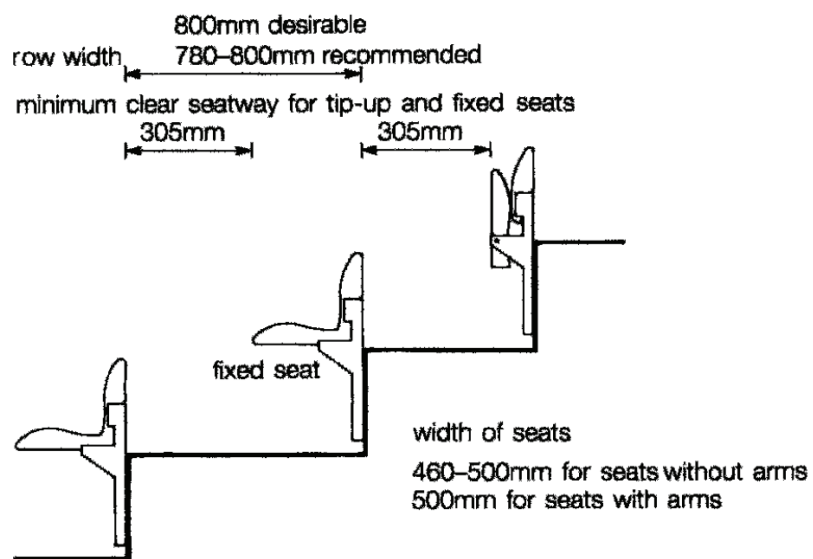
Fleksible tribunekasser



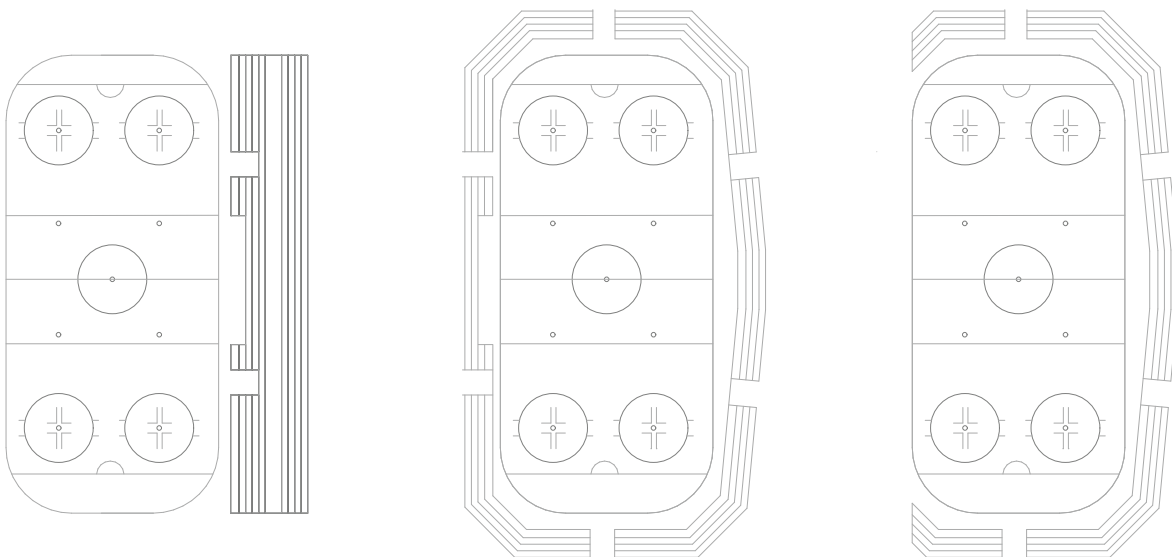
Bilde fra internett

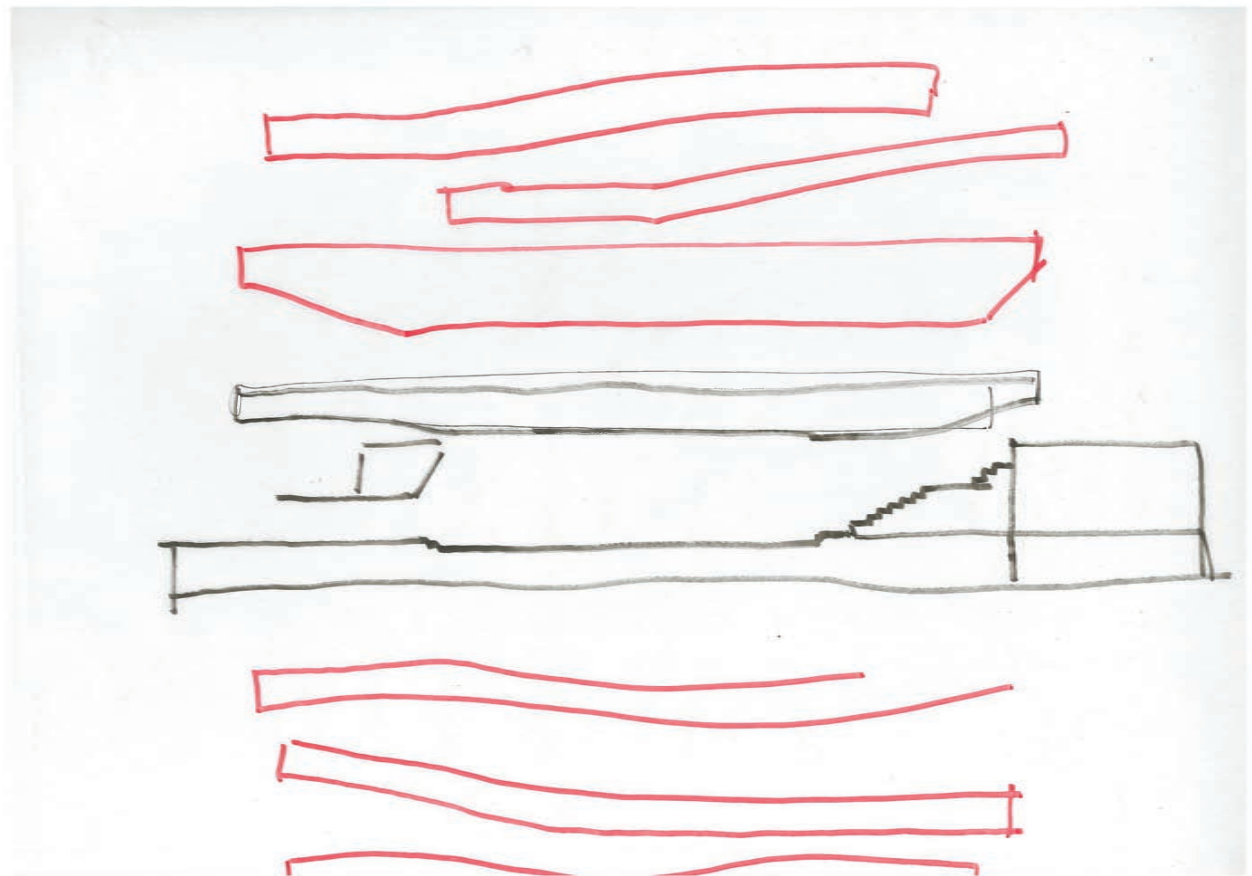


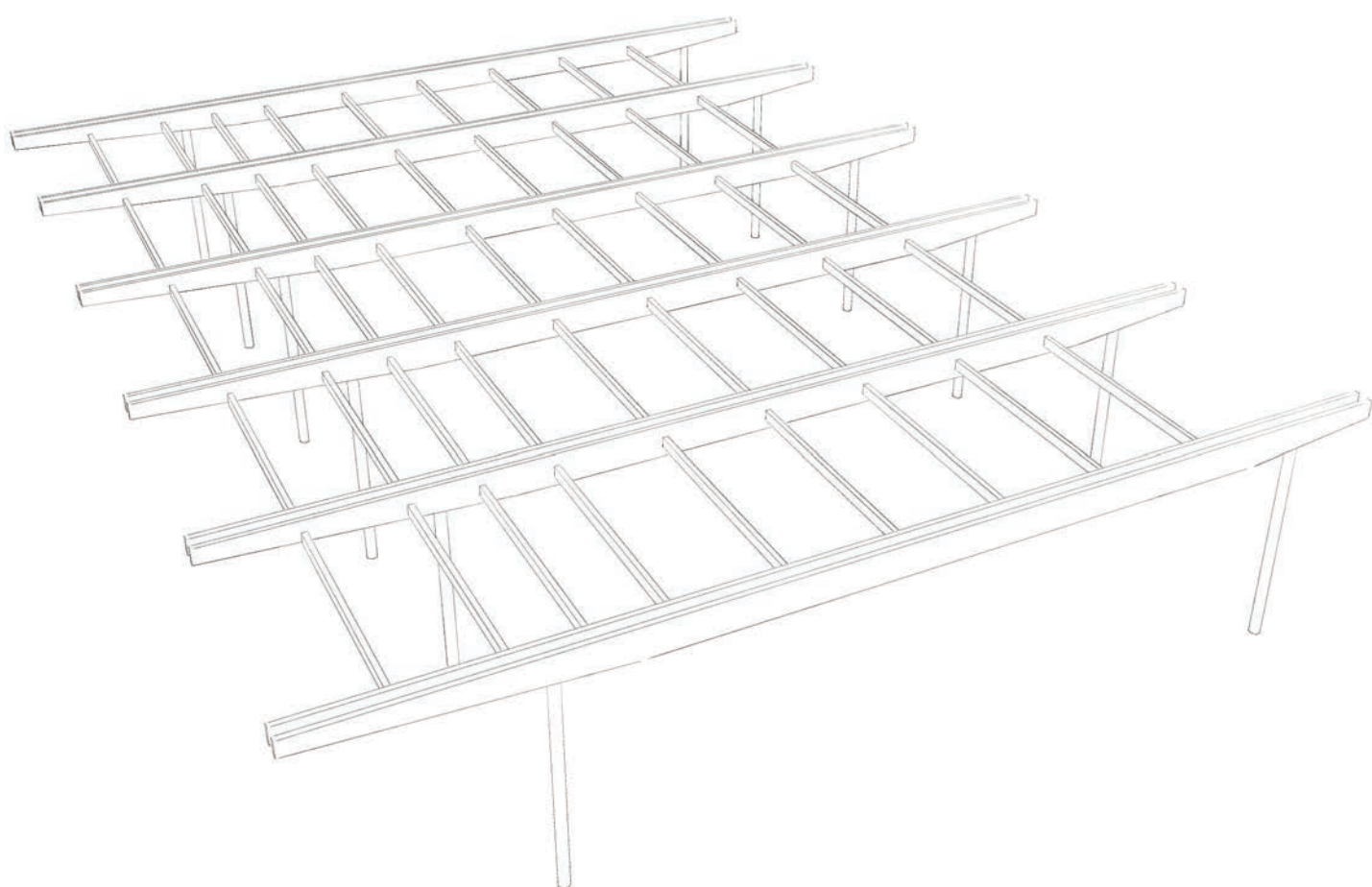
This dimation of telescopic seating is adjustable, but it could not be too large



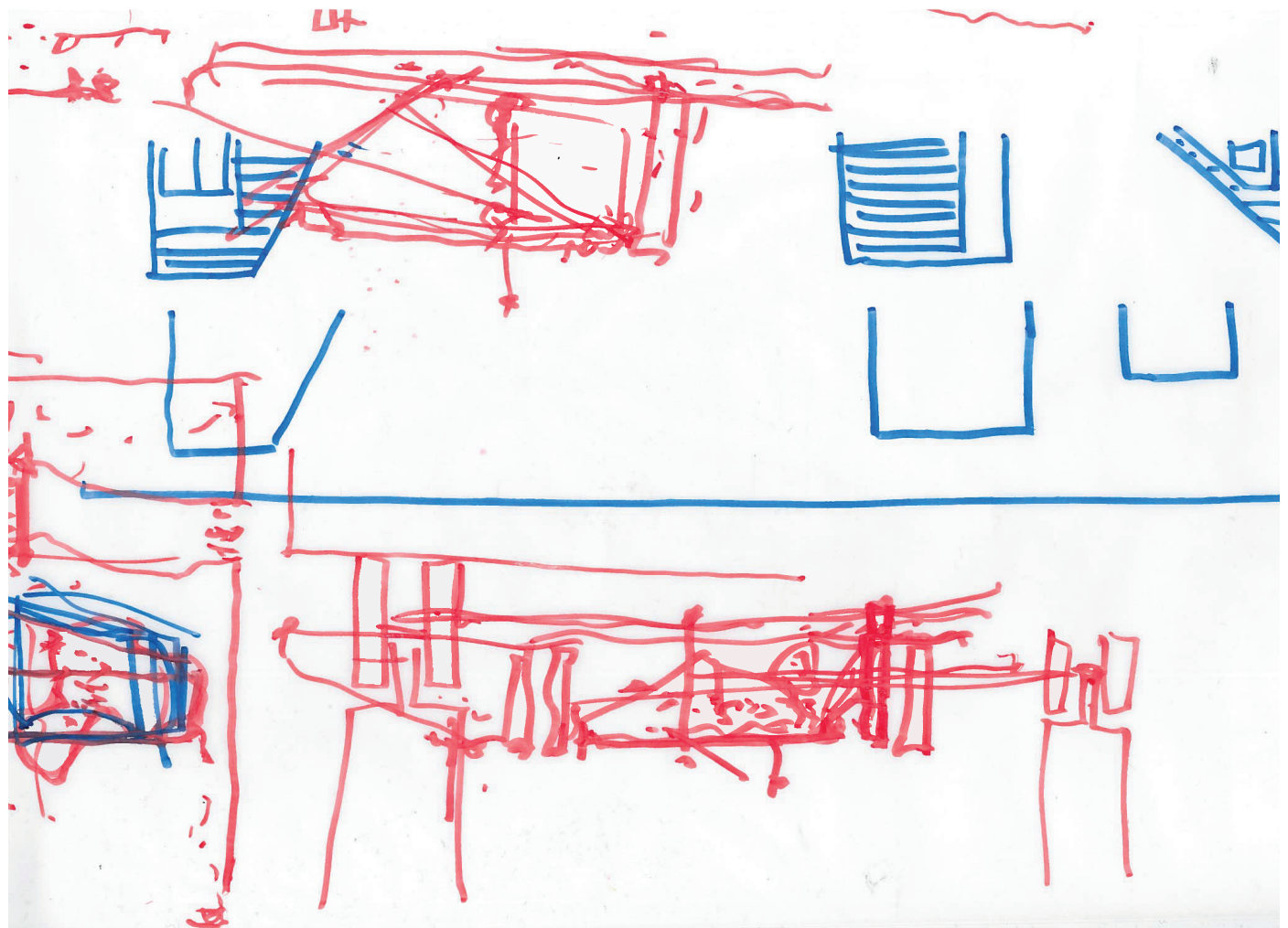
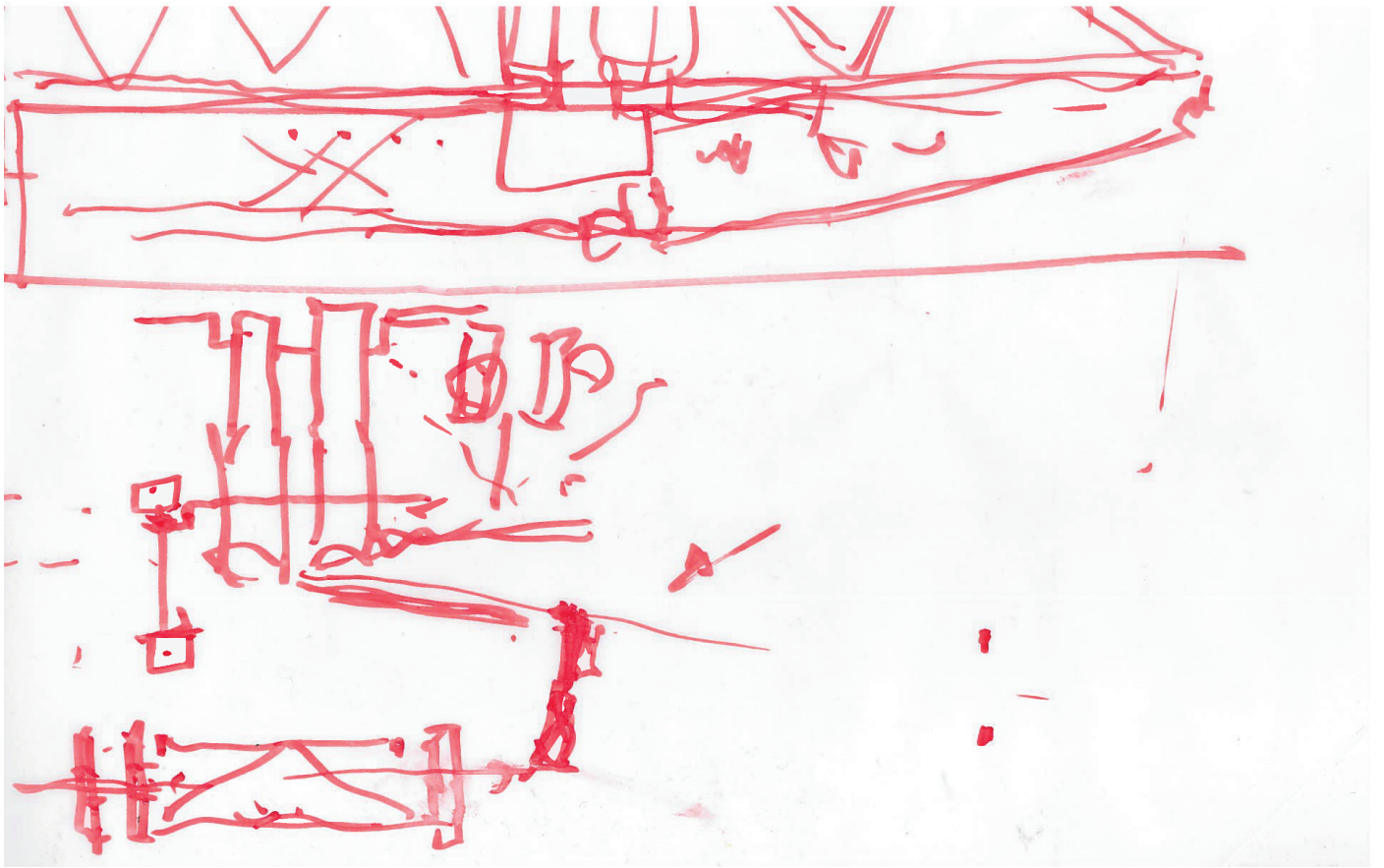
Metric handbook

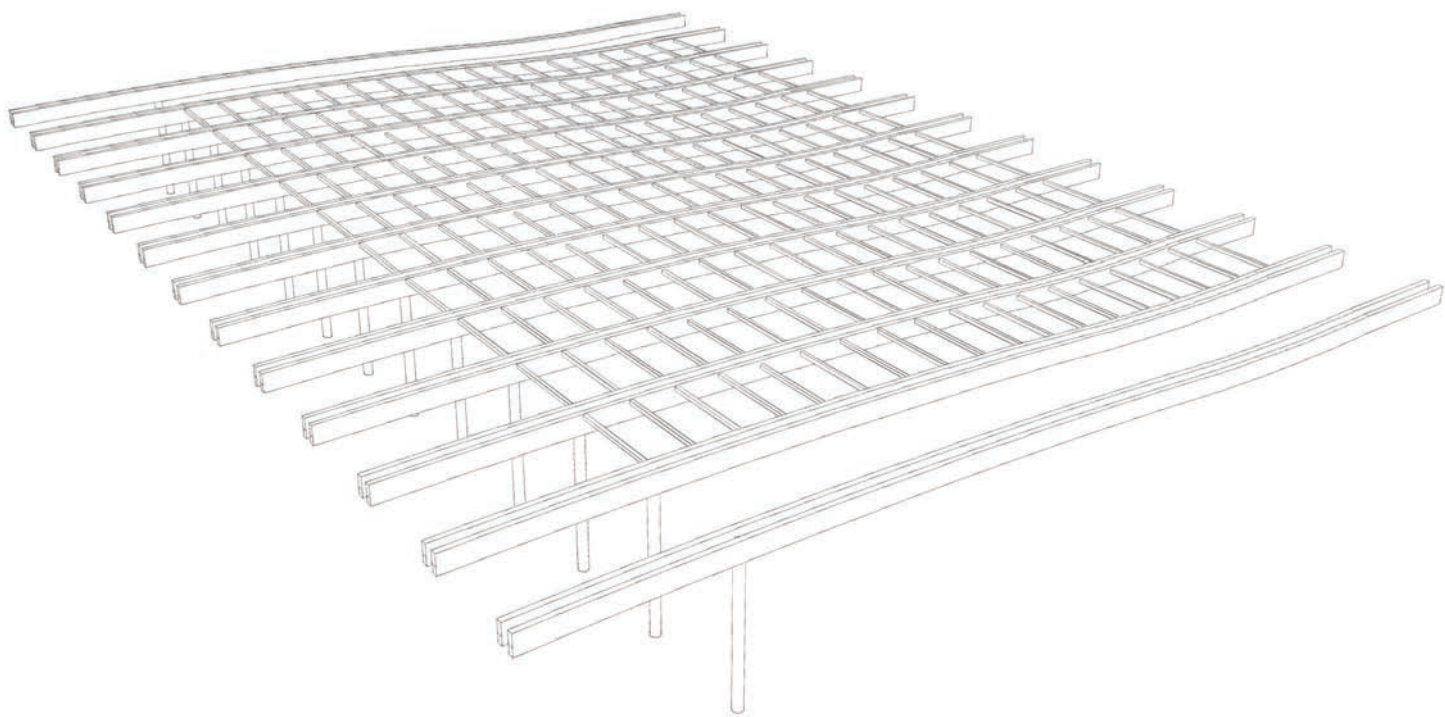




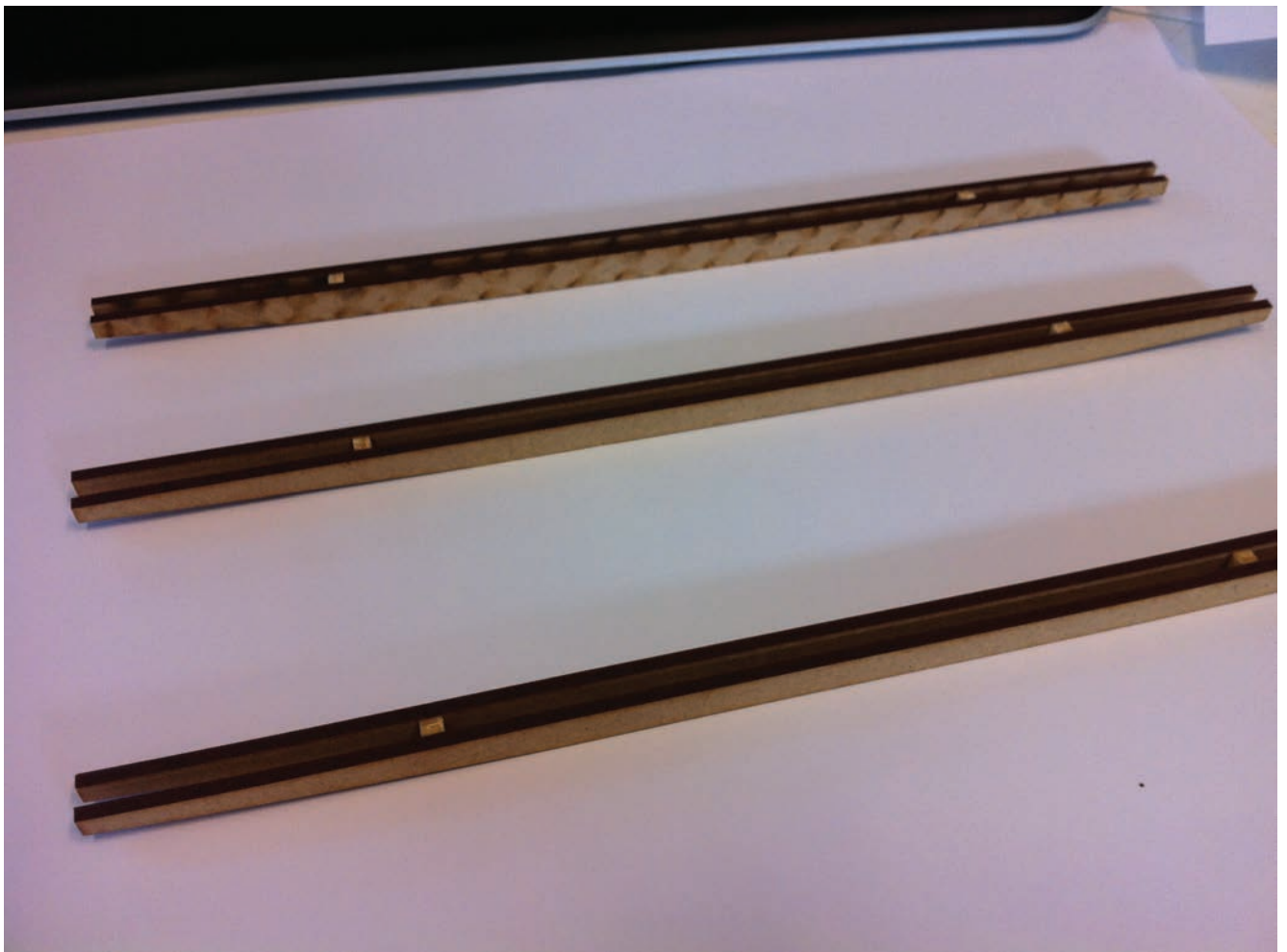
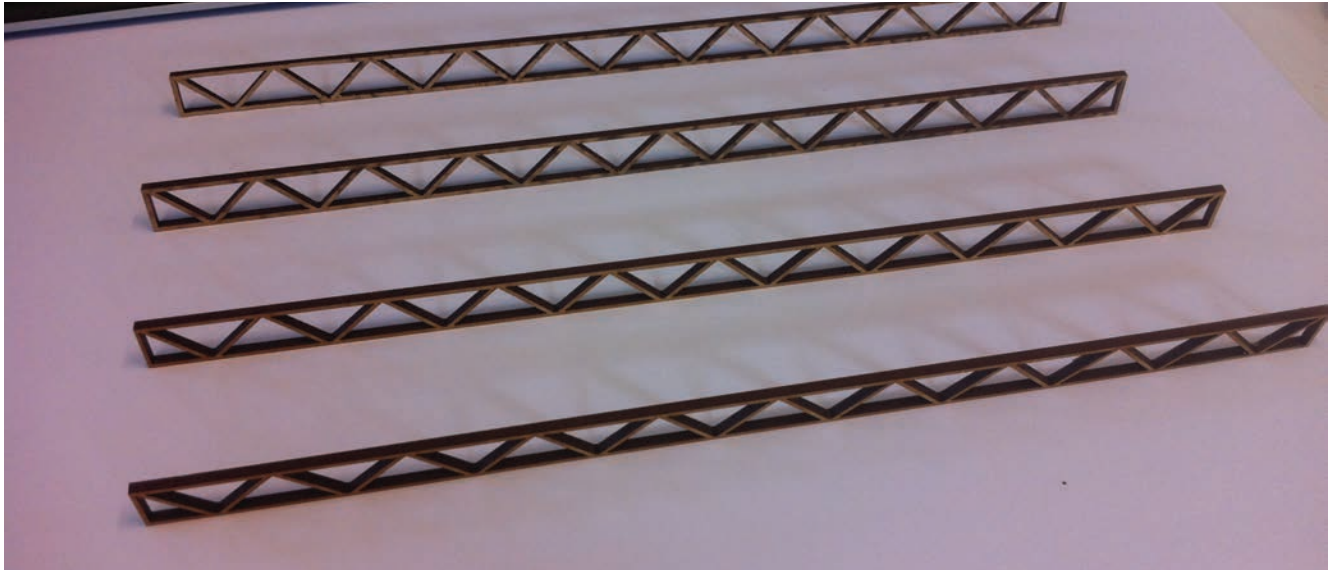


Konstrusjon





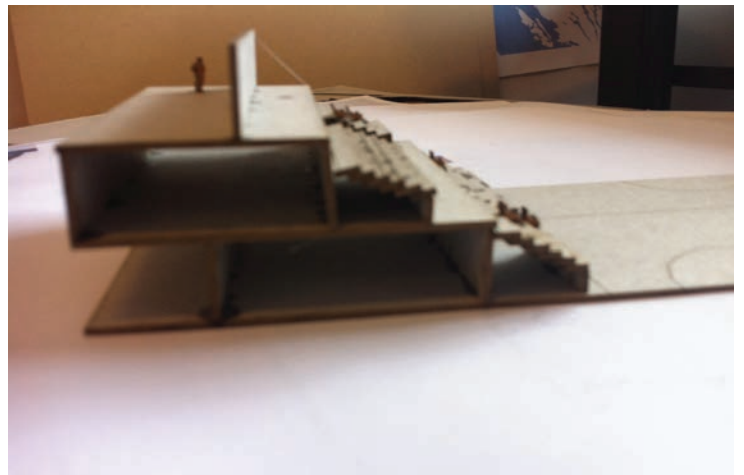
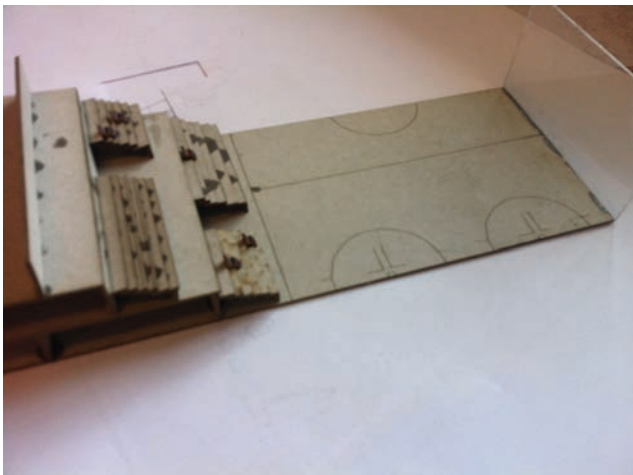
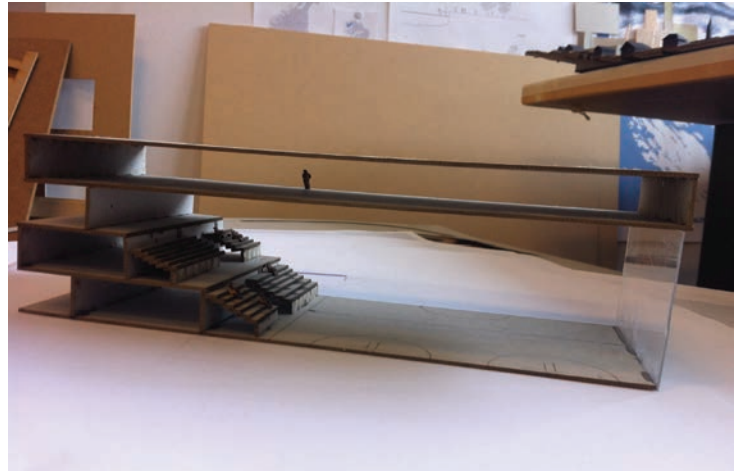
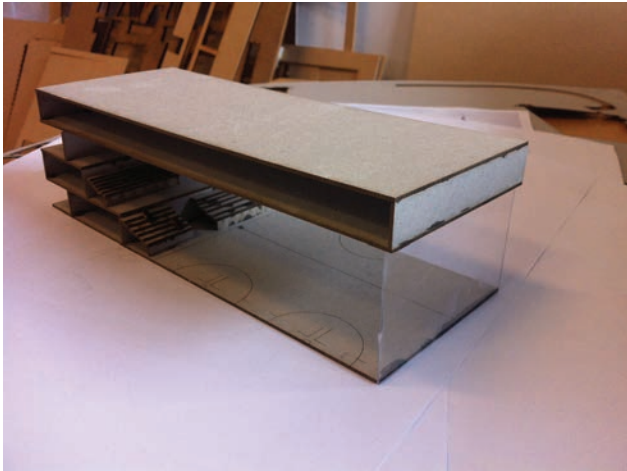
Konstrusjon





Konstrusjon

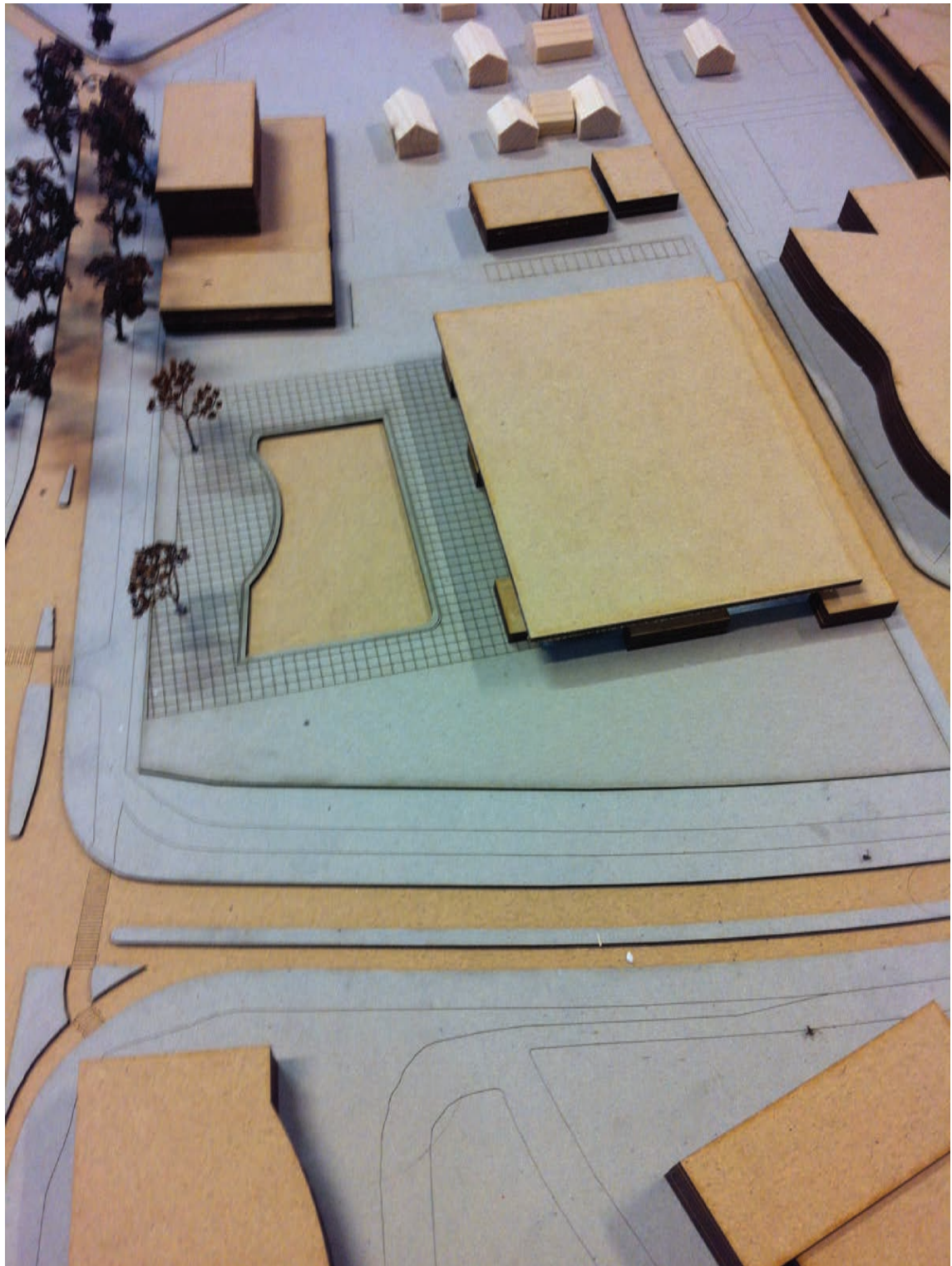




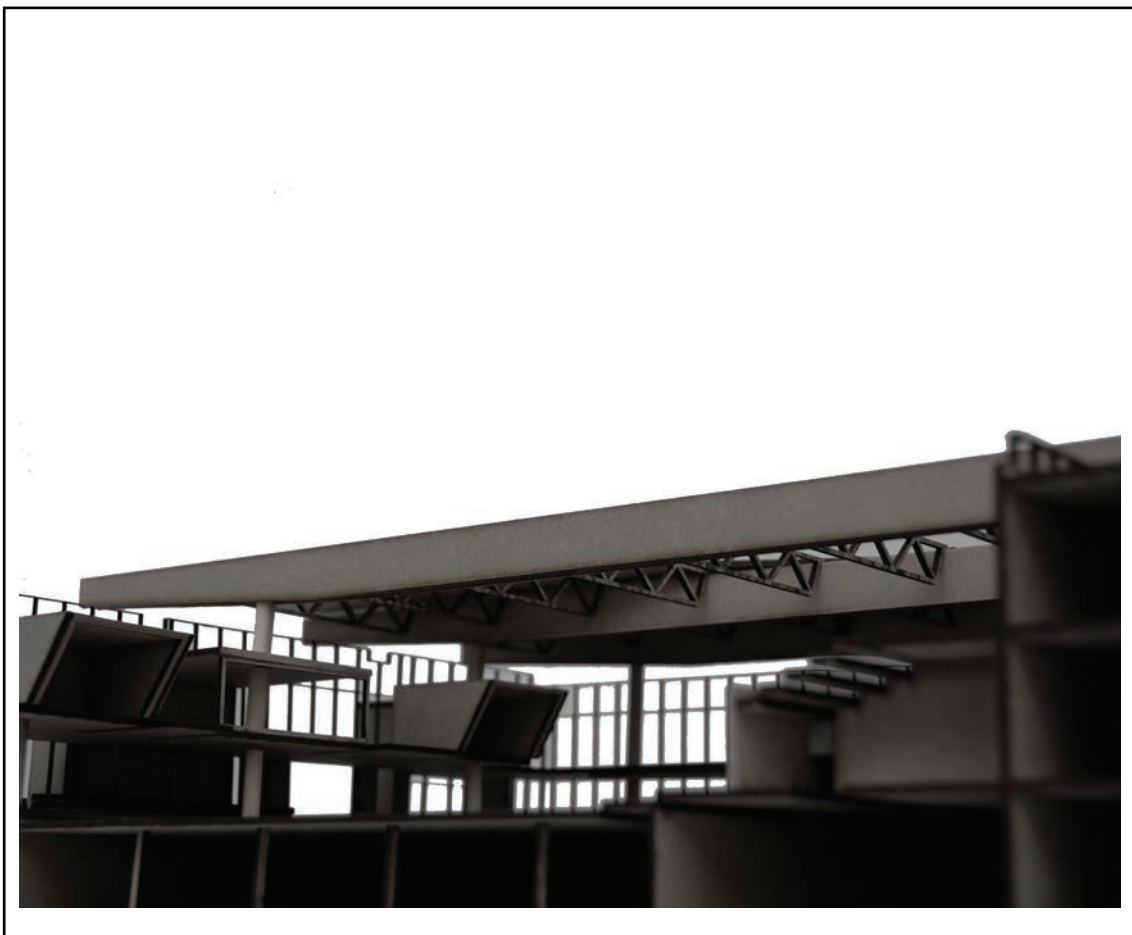
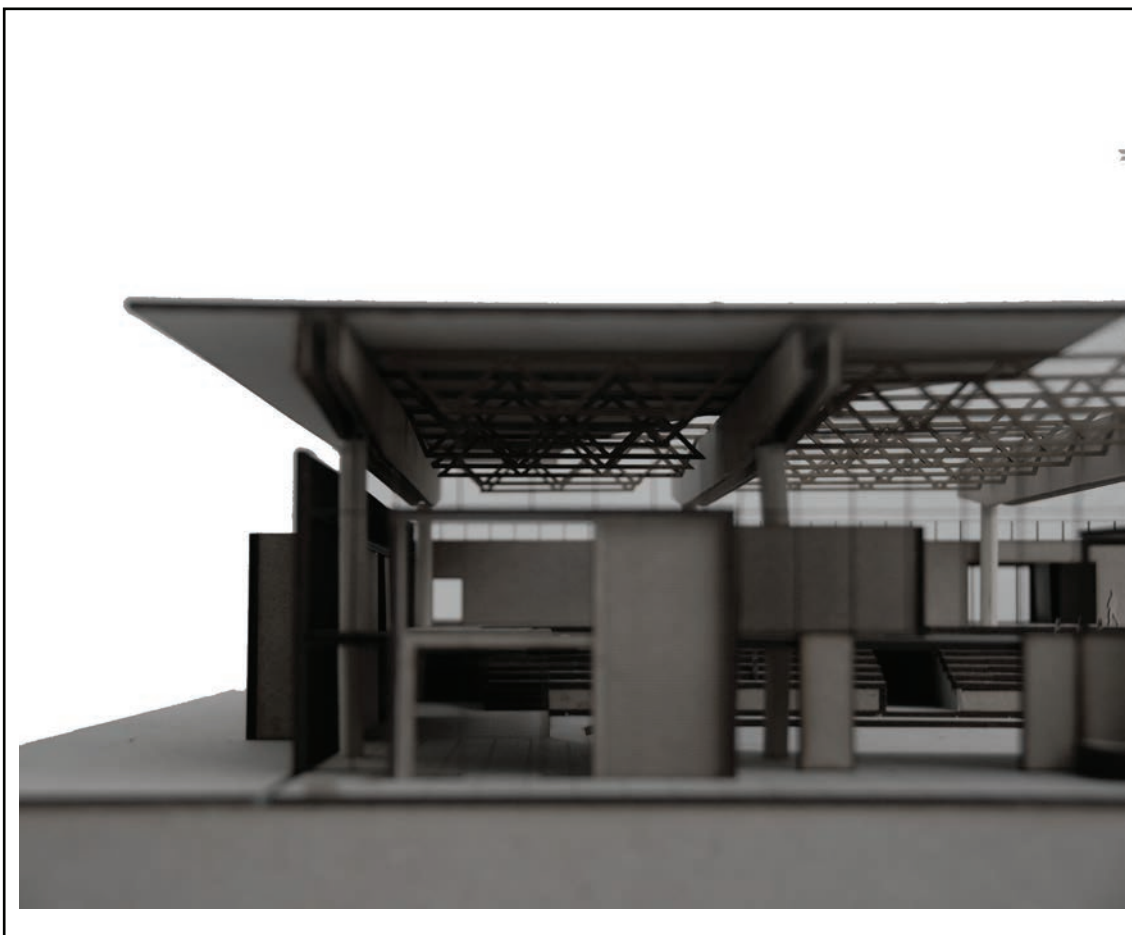


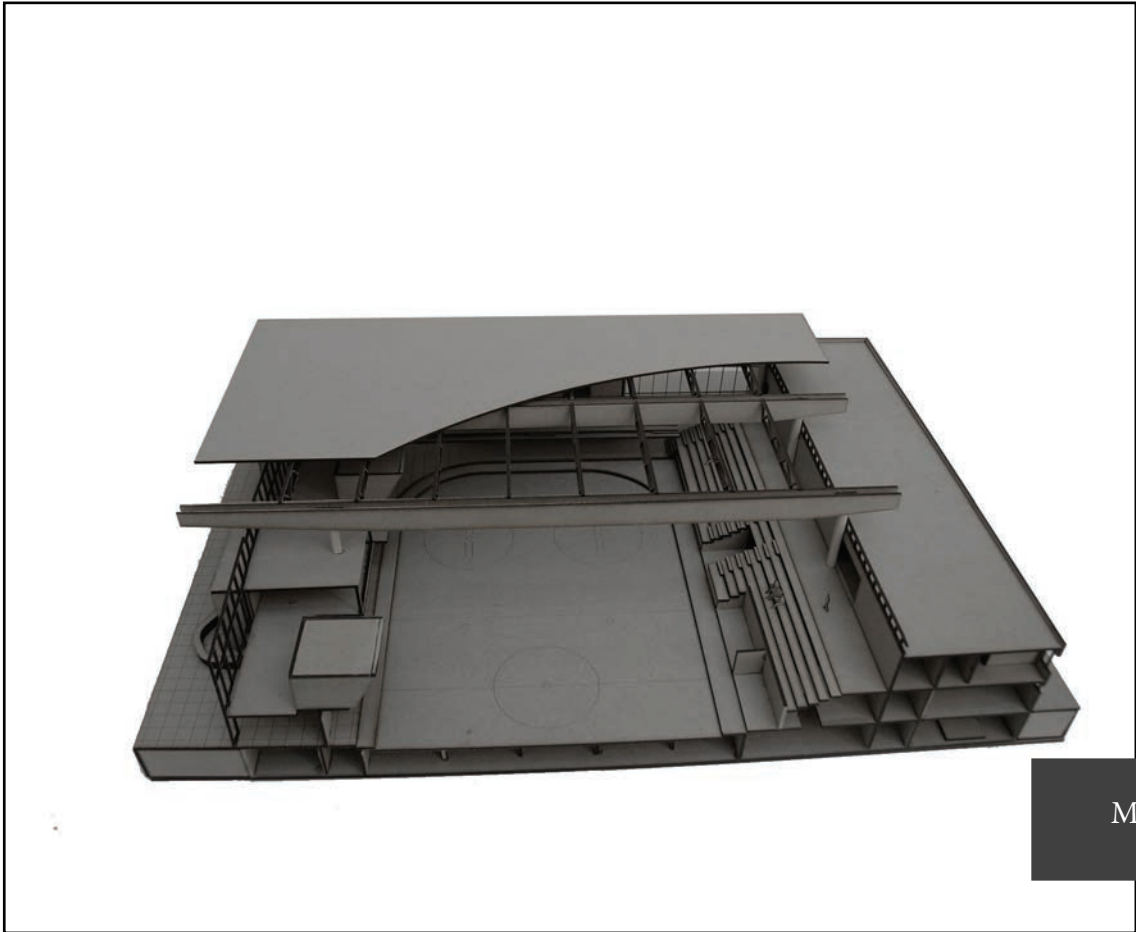
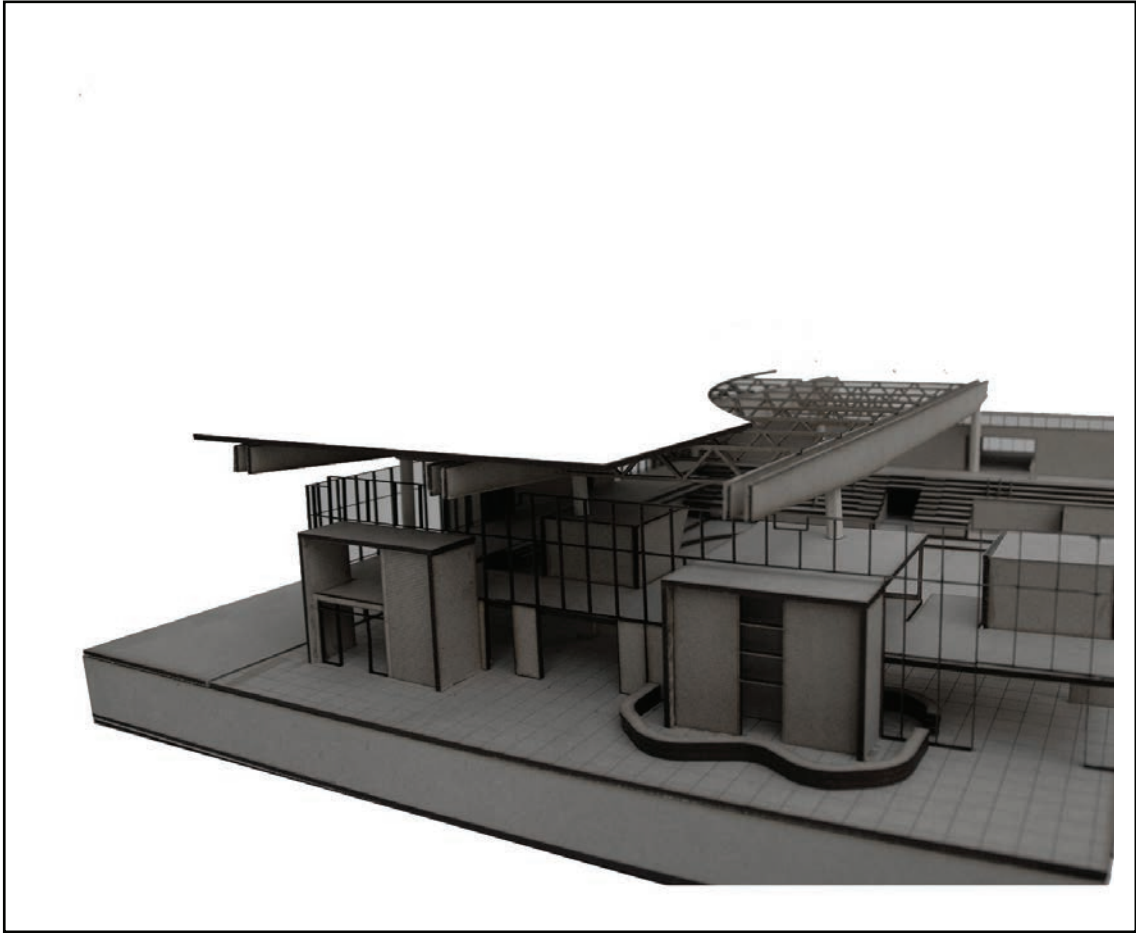




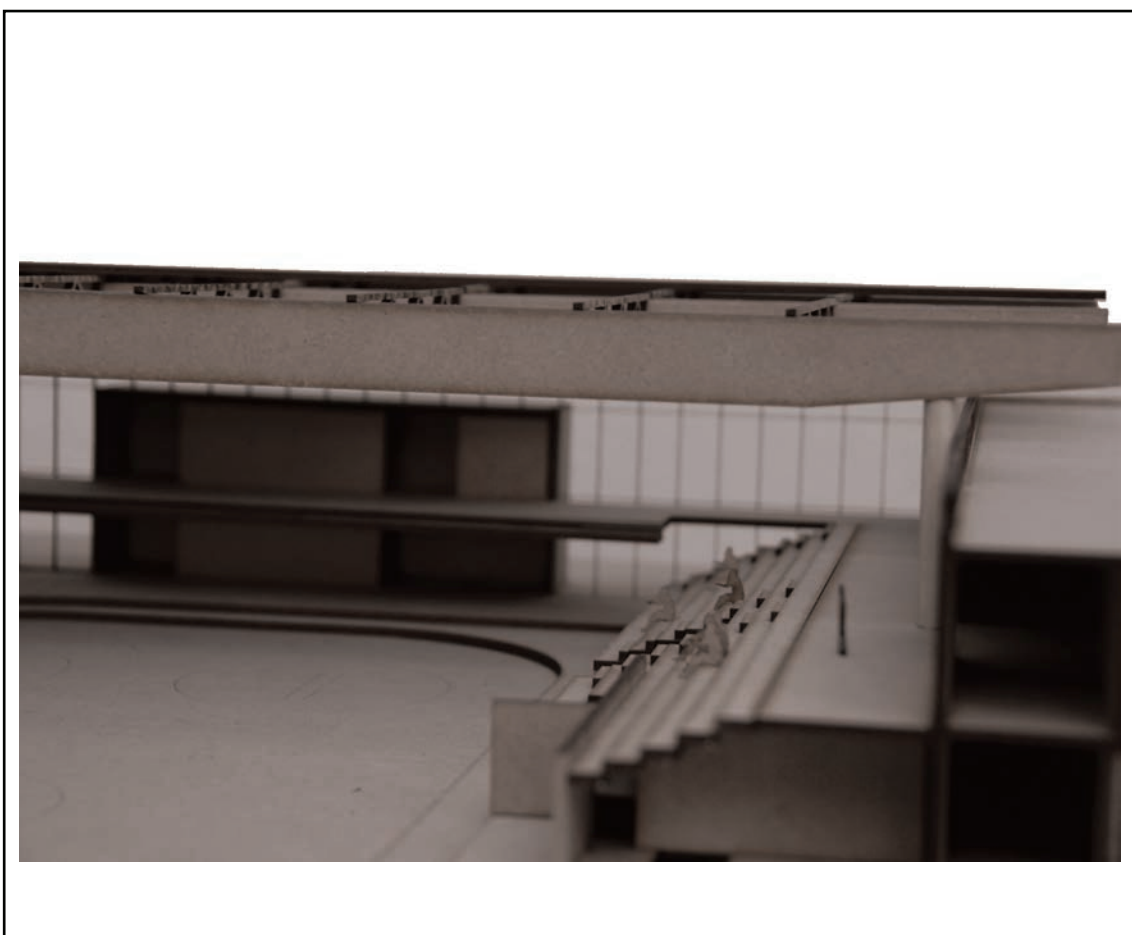


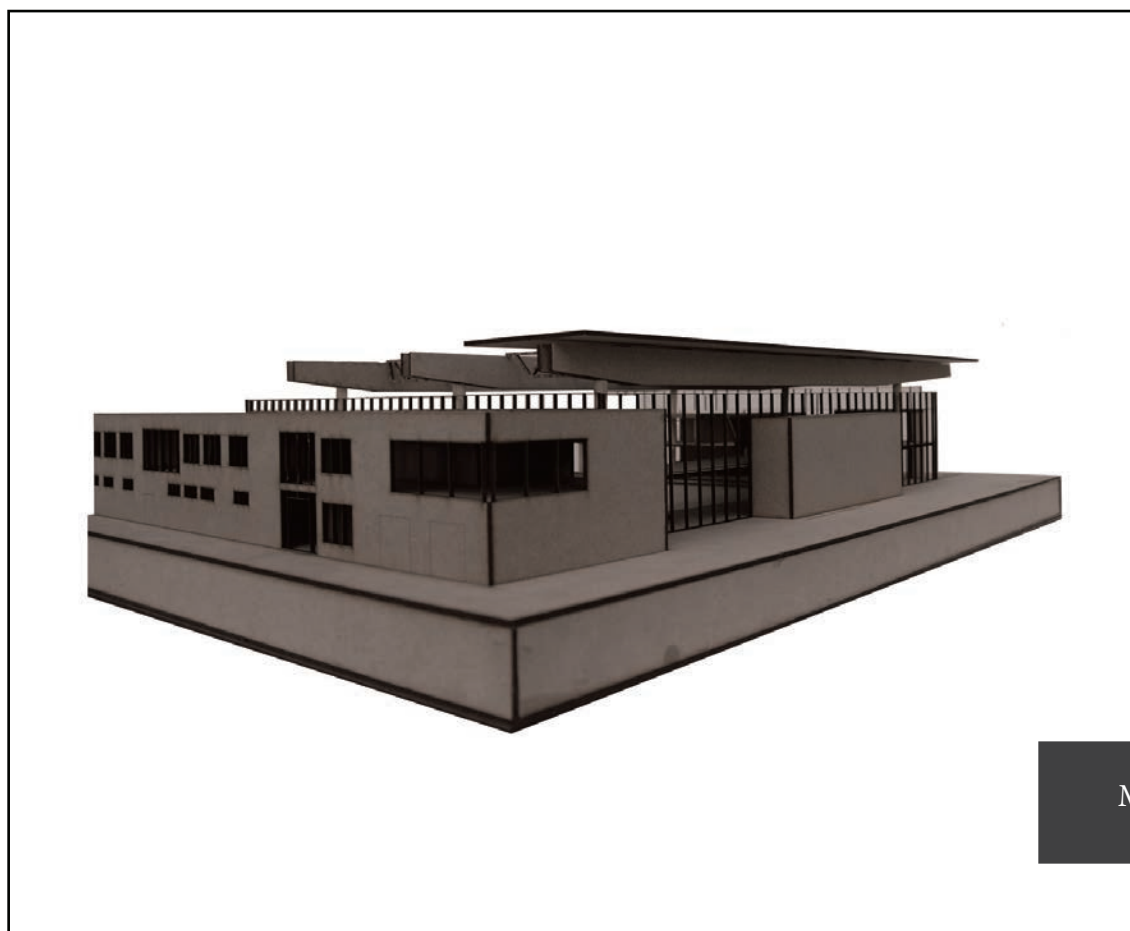
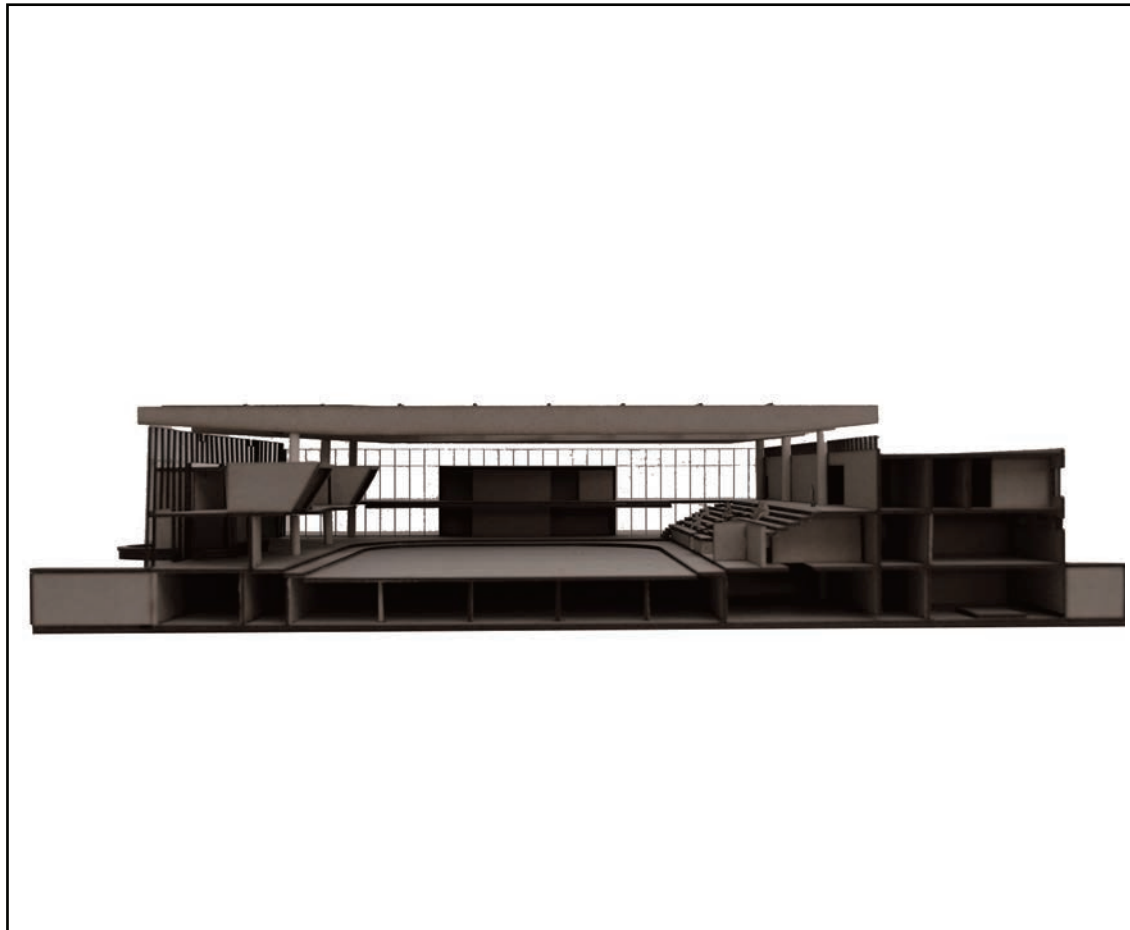
Modellbilder





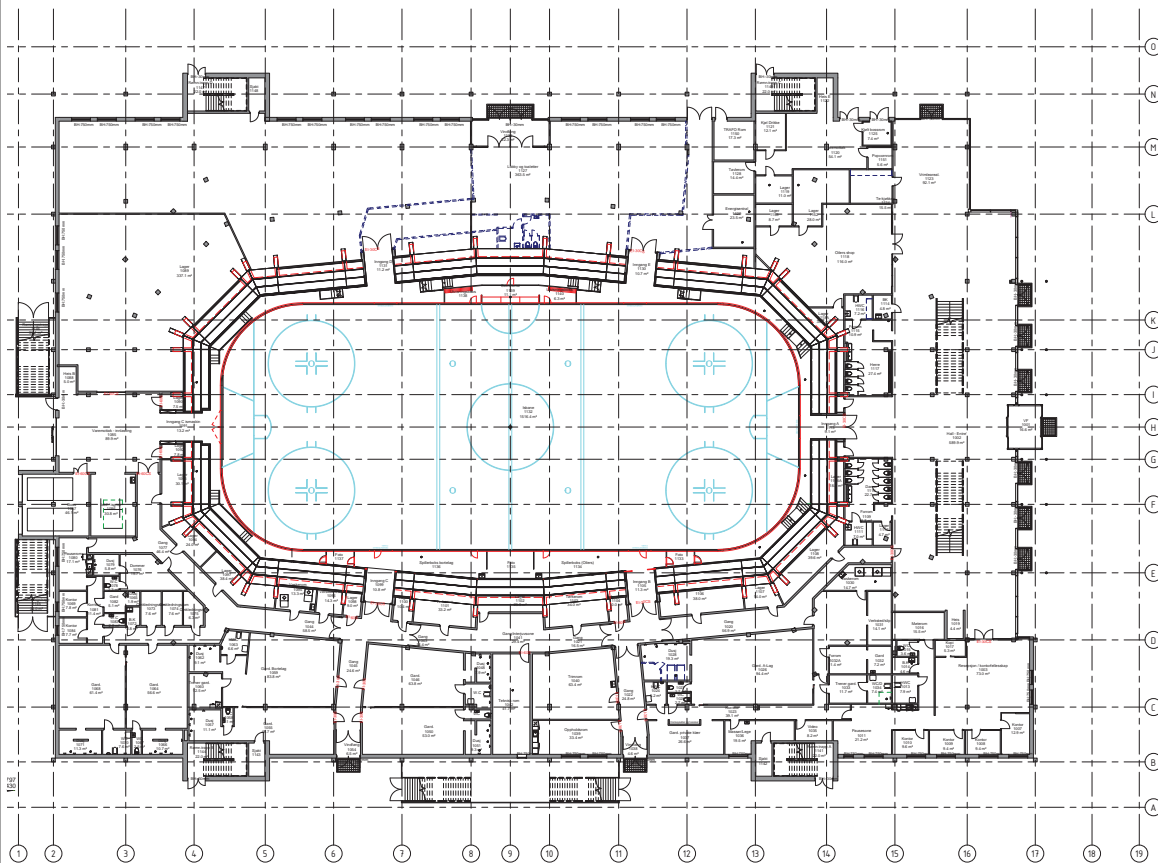
Modellbilder

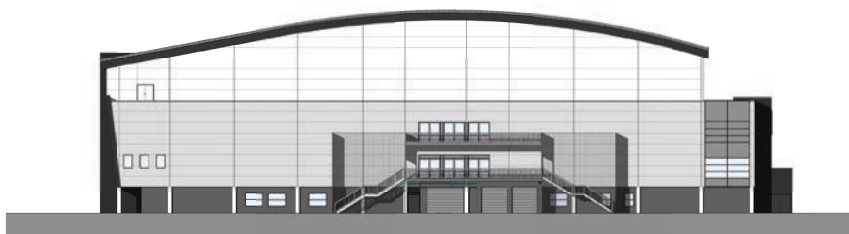




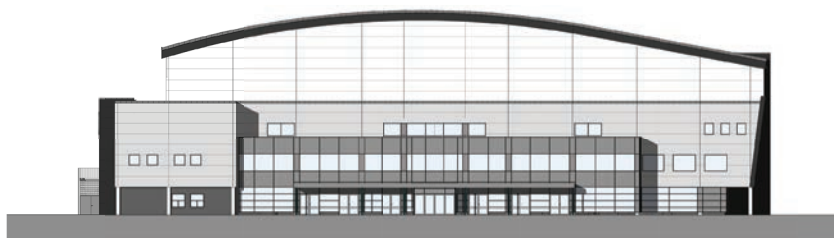
Modellbilder

DNB ARENA

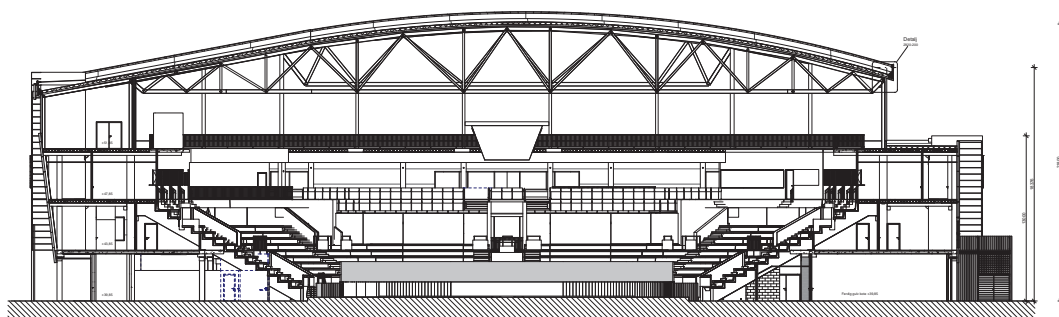
[illegible]



Fasade Vest
1 : 200

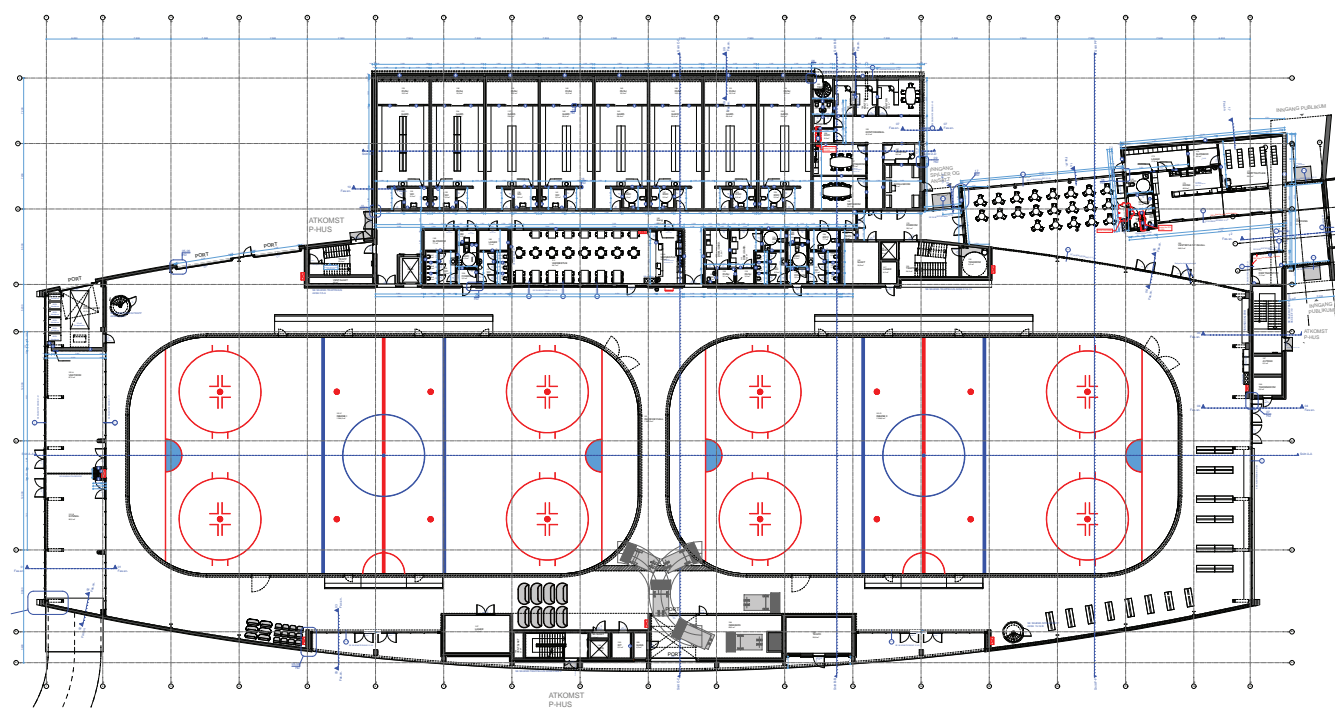


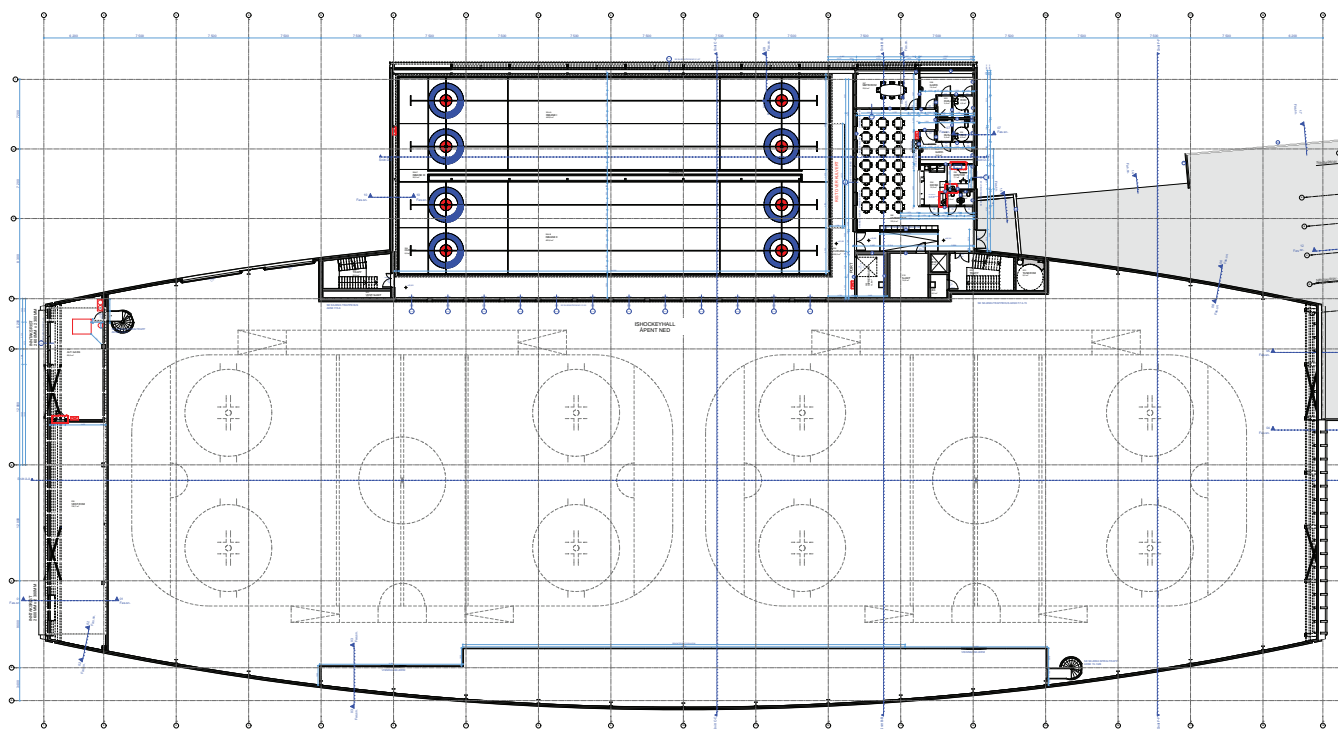
Fasade Øst
1 : 200



Snitt A-A_100
1 : 100

Stavanger ishall





Braga Stadium



En tribune har blitt bokstavelig talt inn og plassert mot bakken, mens den andre tribune står fritt langs fjellets skråning. På den andre siden, har steinene blitt gravd ut og det er ingen tribuner som skjuler den vakre naturen i dalen. Følgelig blir det stadium en del av fjellet