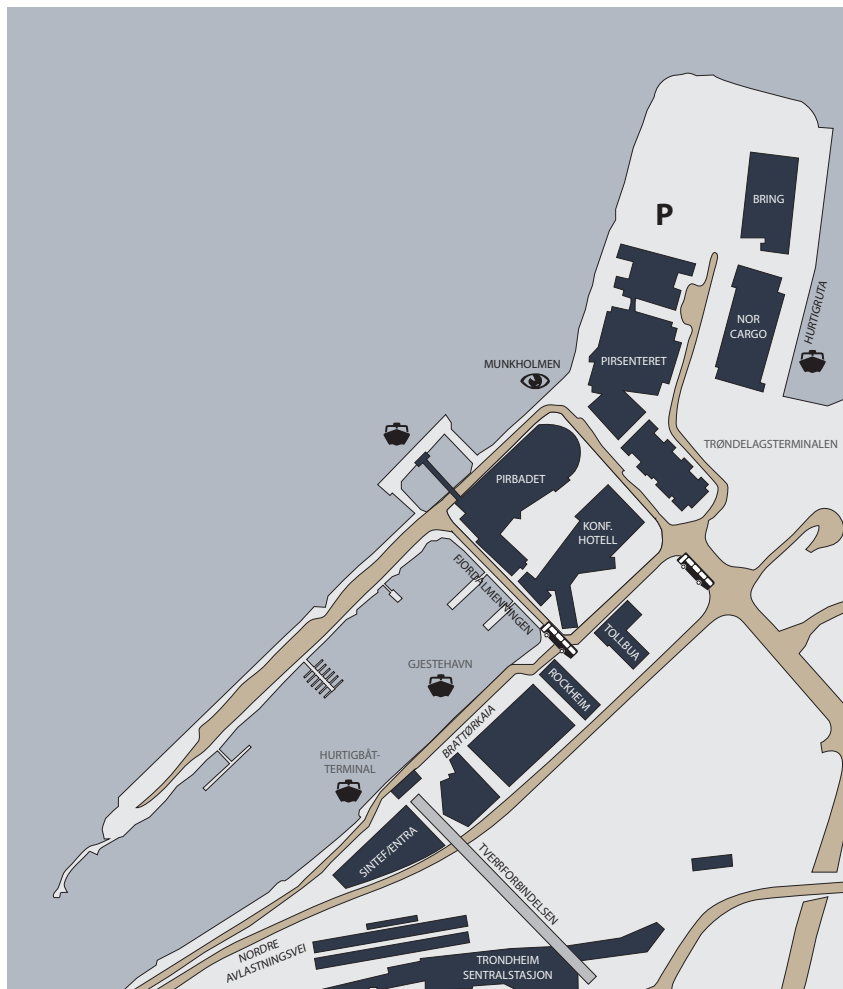




PROSESSBOK

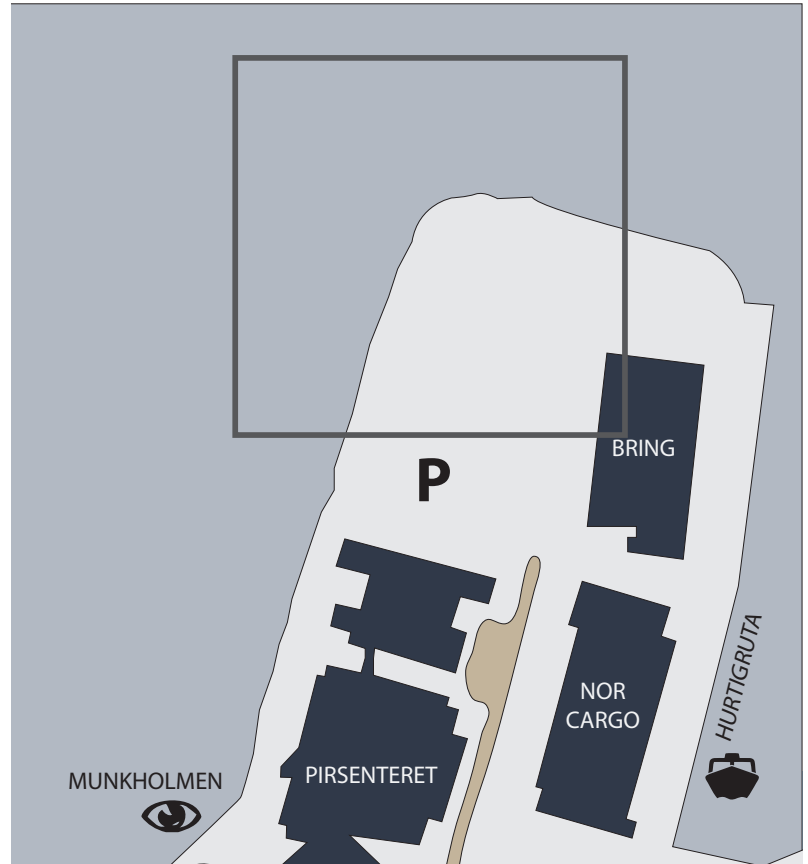
VALG AV TOMT - UTVIKLING FRA FORARBEIDET



ANALYSE - SITUASJONEN PÅ
BRATTØRA

KRITERIER:

- Forholder seg til gjeldende planer for området.
Forutsetter altså etablering av ny hurtigbåtterminal og gjestehavn, samt videre drift av havnevirksomhet.
- Allerede flere større attraksjoner i området med en sterk profil: Pirbadet, Rockheim, Konferansehotellet. Alle byggene er lett gjenkjennelige arkitektonisk og profilmessig. Det vil være fornuftig å ikke anlegge avkariet for tett opptil det eksisterende slik at byggene ikke slår hverandre ihjel.
- Siktlinje mot Munkholmen er ønskelig å beholde.
- Brattøra er forholdsvis lett å fylle ut så tomteplasseringen er fleksibel.
- Biltilgang er essensielt for varetransport, men for generelt publikum kan det tilrettelegges hovedsakelig for ankomst til fots og via kollektivtransport slik det eksempelvis gjøres med Rockheim. Tverrforbindelsen og den nye nærkontakten med det øvrige sentrum og dets parkeringsmuligheter vil gjøre dette enklere å gjennomføre. Det vil også være parkeringsplasser i forbindelse med konferansehotellet og annet utbyggingsarbeid.
- En plassering direkte ved/i vannet har en sterk symbolverdi. Dette appellerer også i forhold til arkitektoniske muligheter:



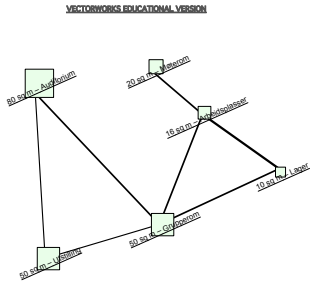
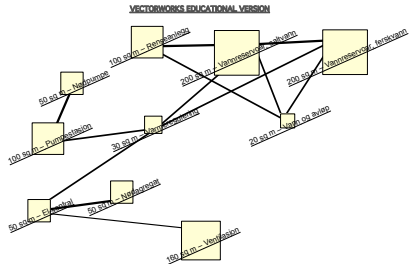
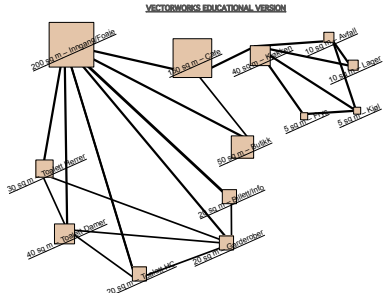
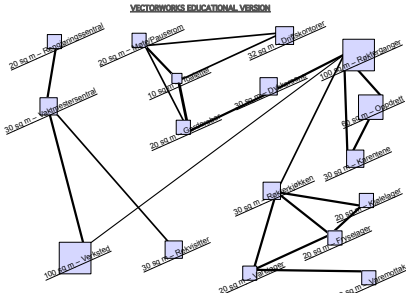
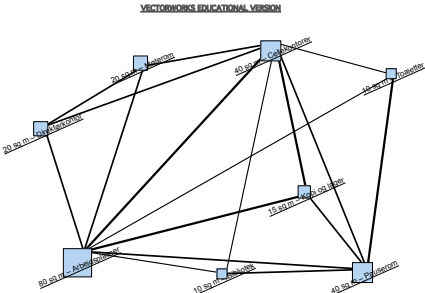
ROMPROGRAM

3933 m²

Funksjoner	Antall	Netto areal	Lyskrav	Totalt Areal
Publikumsareal				600
Inngang / Foaie	1	200	Direkte	
Billetsalg / Informasjon	1	20	Indirekte	
Butikk/suvenirer	1	50	Indirekte	
Garderobes	1	20	Ingen	
Toaletter, Menn	6	á 5 m ²	Ingen	
Toaletter, Damer	8	á 5 m ²	Ingen	
Toalett, HC	2	á 10 m ²	Ingen	
Cafe	1	150	Direkte	
Kjokken	1	40	Direkte	
Lager	1	10	Ingen	
Frys	1	5	Ingen	
Kjøl	1	5	Ingen	
Avfall	1	10	Ingen	
Administrasjon				315
Direktorkontor	1	20	Direkte	
Cellekontorer	4	á 10 m ²	Direkte	
Arbeidsplasser	10	á 8 m ²	Direkte	
Møterom	1	20	Direkte	
Kopi og lagar	1	15	Ingen	
Bibliotek	1	10	Direkte	
Toaletter	2	á 5 m ²	Ingen	
Pauserom	1	40	Direkte	
Akvarium				1200
Undervisning				426
Auditorium	1	80		
Grupperom	2	á 25 m ²		
Arbeidsplasser	2	á 8 m ²		
Møterom	1	20		
Utstilling	1	50		
Lager	1	10		

Teknisk					950
Pumpestasjon	1		100	Ingen	
Renseanlegg	1		100	Ingen	
Varmeregulering	1		30	Ingen	
Nødpumpe	1		50	Ingen	
Vannreservoar, fersk	1		200	Ingen	
Vannreservoar, salt	1		200	Ingen	
Ventilasjon	1		150	Ingen	
Elektrisk Sentral	1		50	Ingen	
Elektrisk Nødagregat	1		50	Ingen	
Vann og avløp	1		20	Ingen	
Drift					442
Garderobe	2	á 10 m ²	20	Ingen	
Toaletter	2	á 5 m ²	10	Ingen	
Dykkersone	1		30	Ingen	
Driftkontorer	4	á 8 m ²	32	Direkte	
Møte/Pauserom	1		20	Direkte	
Vaktmestersentral	1		30	Direkte	
Rengjøringsentral	1		20	Ingen	
Fryselager	1		20	Ingen	
Kjølelager	1		20	Ingen	
Varelager	1		20	Ingen	
Røtkerkjøkken	1		30	Direkte	
Røkterganger	1		100	Ingen	
Karanteneområde	6	á 5 m ²	30	Indirekte	
Oppdrett/ynge	3	á 20 m ²	60	Indirekte	
Verksted	1		100	Direkte	
Rekvisitter	1		30	Ingen	
Lager	1		100	Ingen	
Varemottak	1		20	Direkte	
Lager	1		50	Ingen	
Avfall	1		50	Ingen	

RELASJONER OG SAMMENHENGER



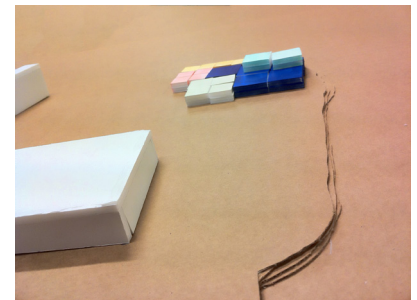
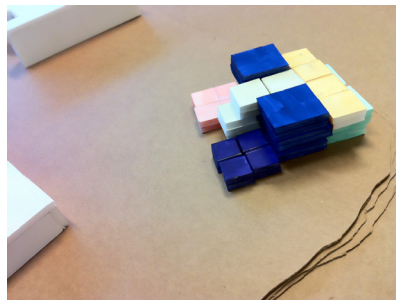
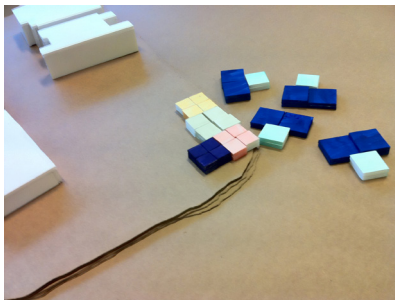
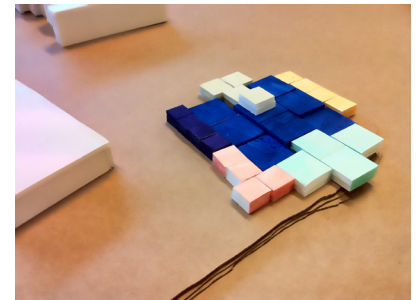
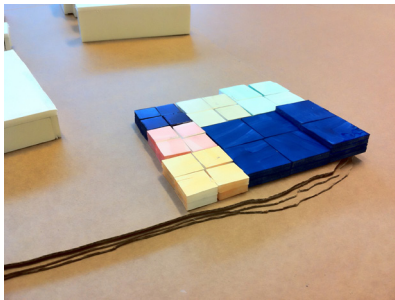
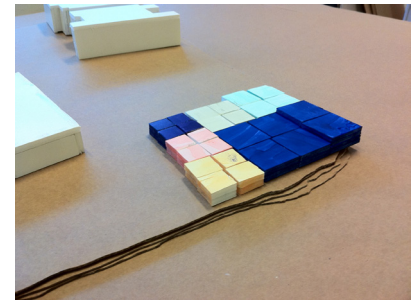
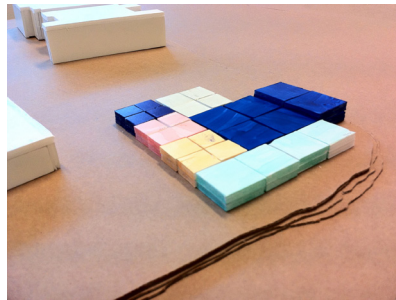
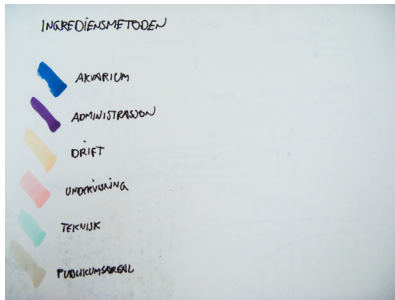
VICTORWORKS EDUCATIONAL VERSION

VICTORWORKS EDUCATIONAL VERSION

VICTORWORKS EDUCATIONAL VERSION

VICTORWORKS EDUCATIONAL VERSION

VICTORWORKS EDUCATIONAL VERSION



NARRATIVE

ARCHITECTURE

forming a part of
the exhibition.

not just a fishtank,
but a place to explore
THE WHOLE CONCEPT OF
THE OCEANS and what
they mean to us.

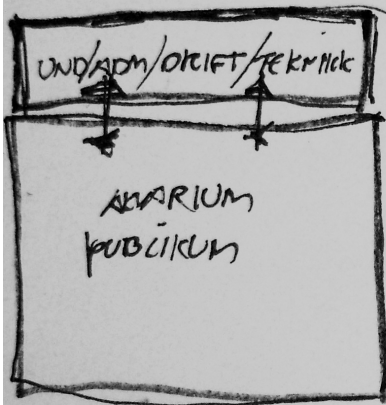
1:10/1:20

MODELLER

fuldt detaljerte
lys, lyd, overflater,
materialer, ALT,
blackboxes, tilheuser

FORMIDLING:

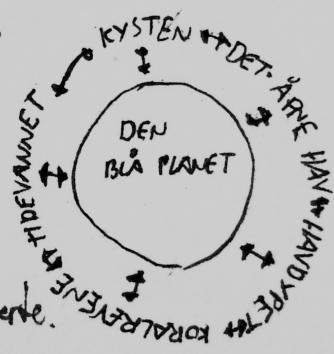
- MIXED MEDIA film
en blanding av modell og 3D
som viser en flytthrough av
bygget. få fram **STEMNINGER.**



SEMILINEÆR STRUKTUR

- stort hvor du vil
men deretter kontroller
reisen lineært.

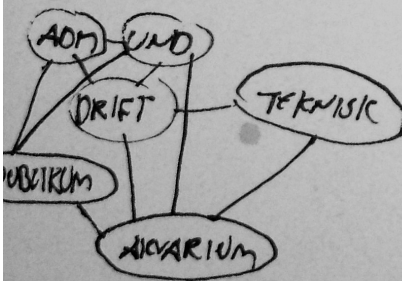
ulempes:
mister man
kontinuiteten
i fortællingen?
Kontrasterne og
ulikhederne blir mindre
poengterte og artikulerede.



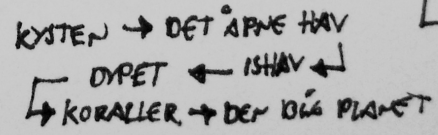
DEN BLÅ PLANET

orienteret koma
det som samler
det hele.
bindes det over vann
- 666 - med det som
er under
sentral hub.
Reisen betyr mer her.

RELASJONER:



LINEÆR STRUKTUR



ARRANGERES SOM EN
REISE GJENNOM HAVET?

VIKTIG: FLOW

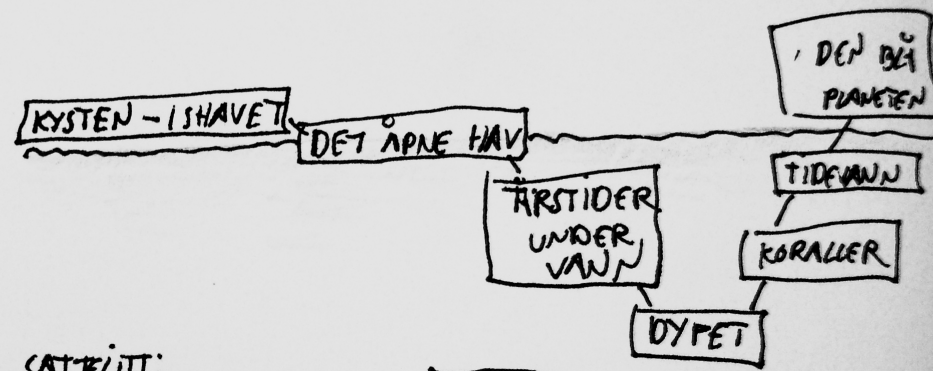
OPP OG NED / INN OG UT

- kontrollert og ledet
- arkitektonisk
- sterkere inntrykk
- ulemper:
man blir ledet og mister
følelsen av friheten, noe som
til å se ut.
- start/stopp - A til D.

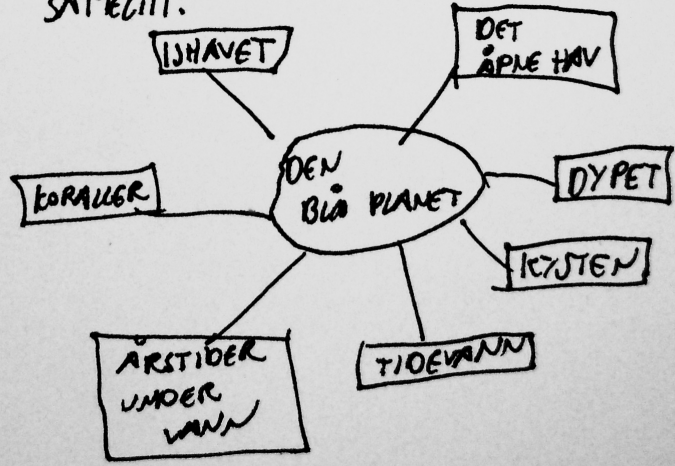
- DEN BLÅ PLANETEN
- DYPET
- DET ÅPNE HAV
- KORALLER
- ISHAVET
- ÅRSTIDER UNDER VANN
- KYSTEN
- TIDEVANN

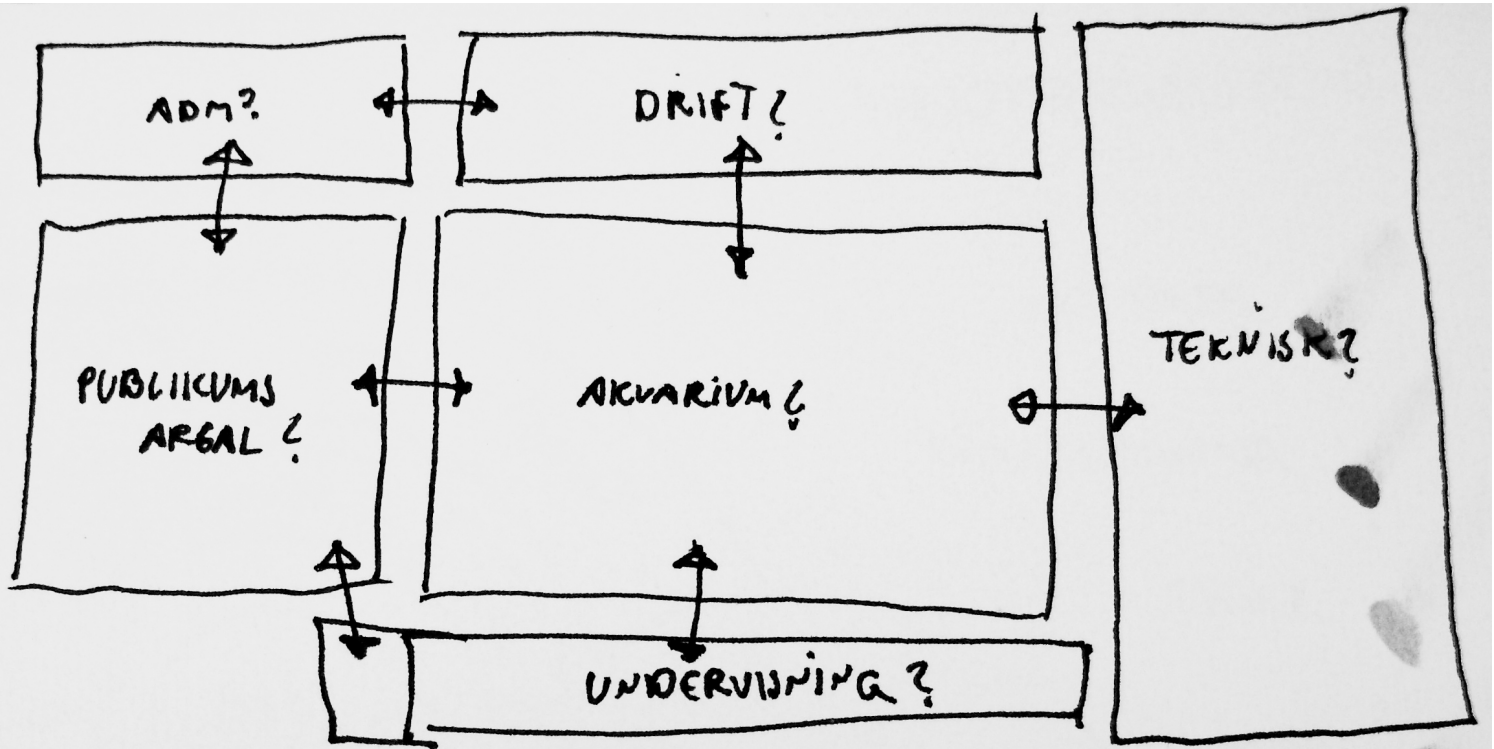
LINEÆR STORYLINE!

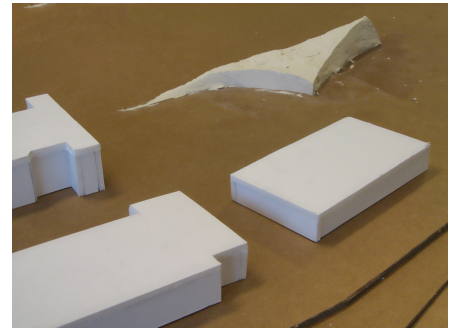
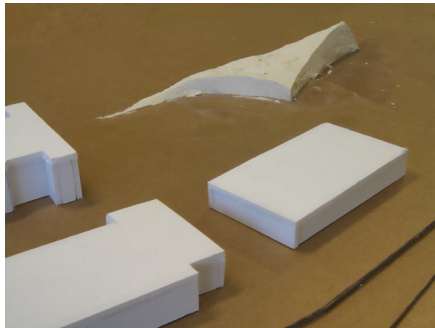
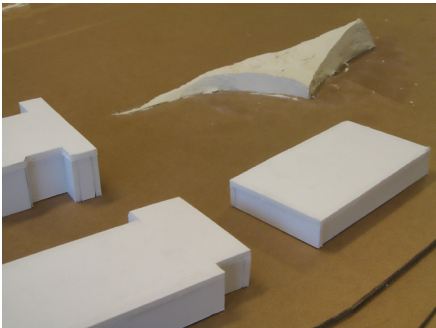
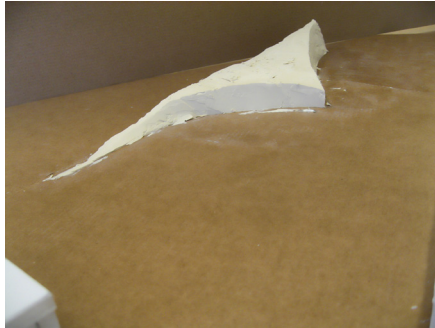
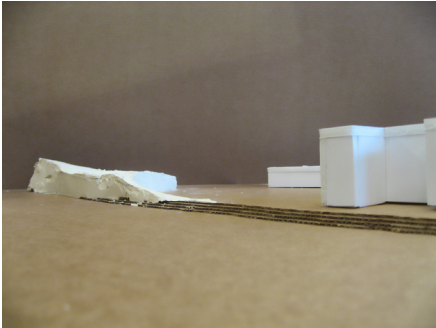
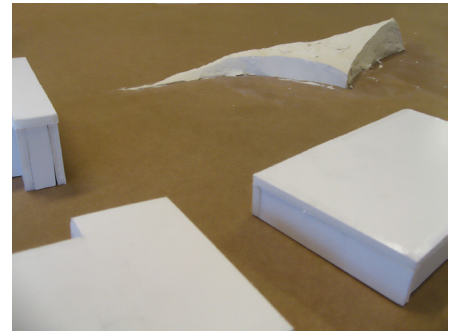
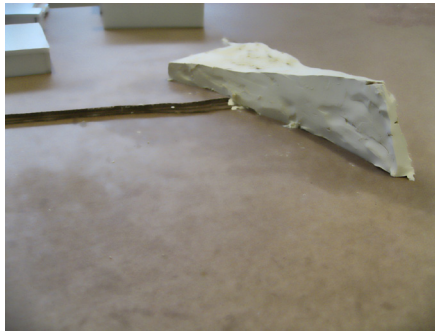
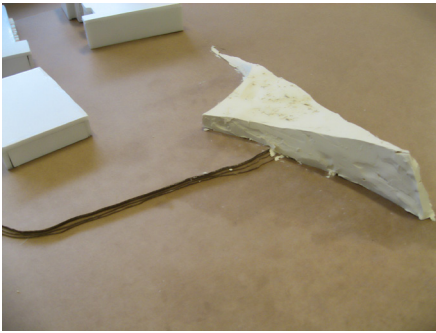
(KYSTEN
• TIDEVANN • ISHAV • ÅPNE HAV)
• DYPET

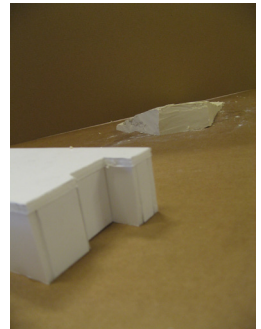
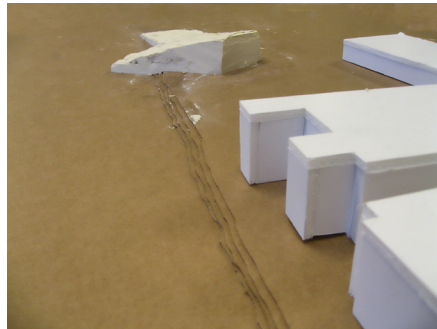
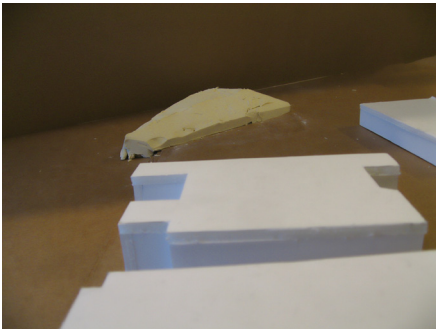
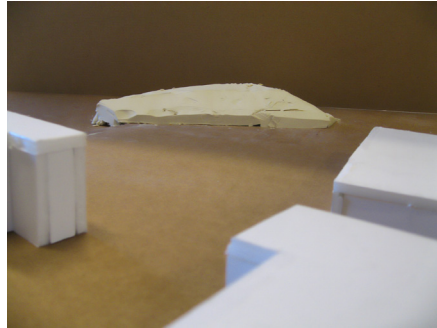
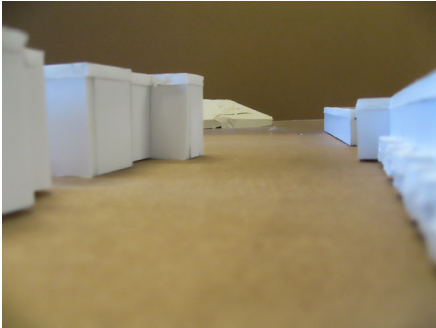
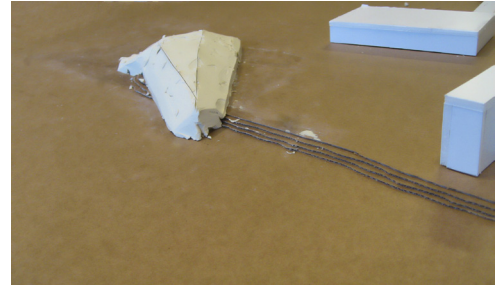
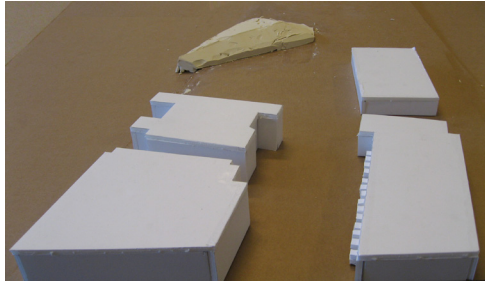
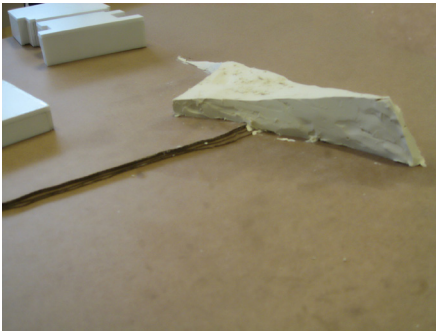


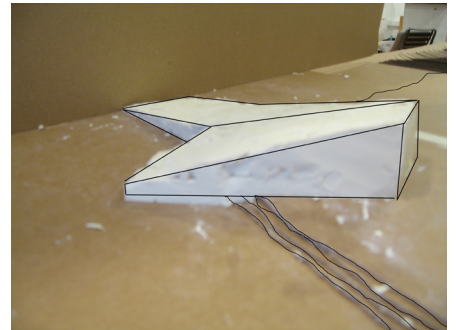
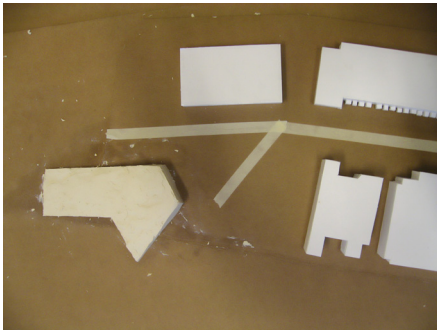
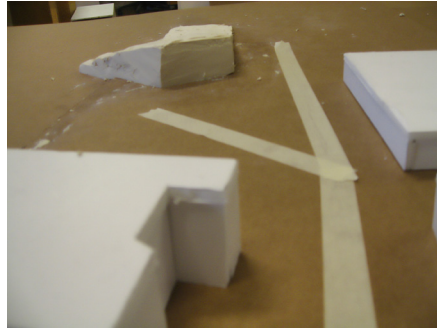
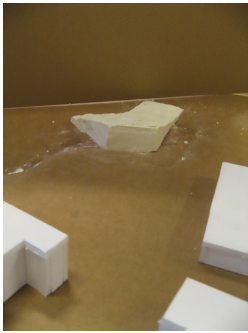
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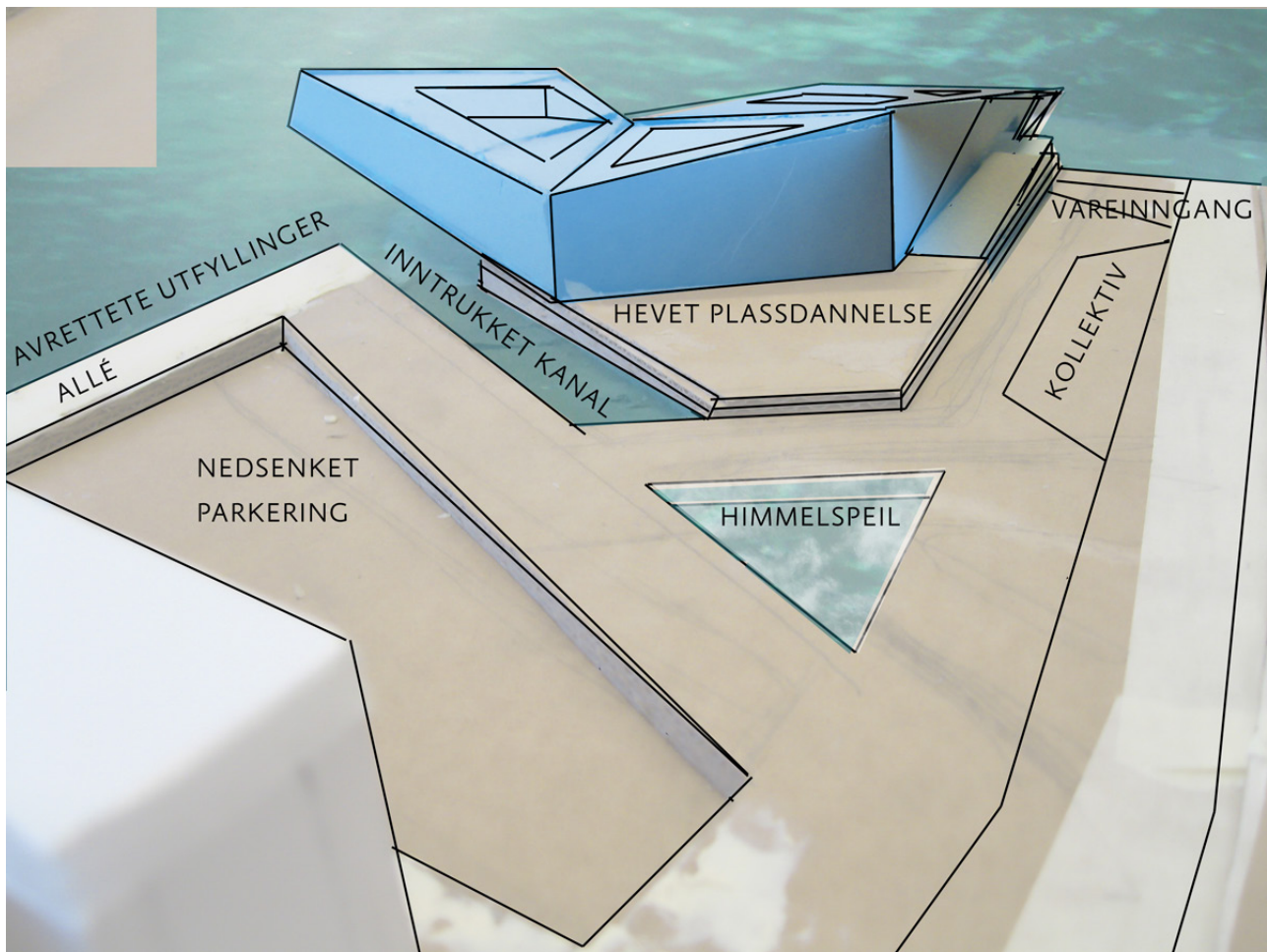












HVA SKAL BYGGET
KOMMUNISERE?

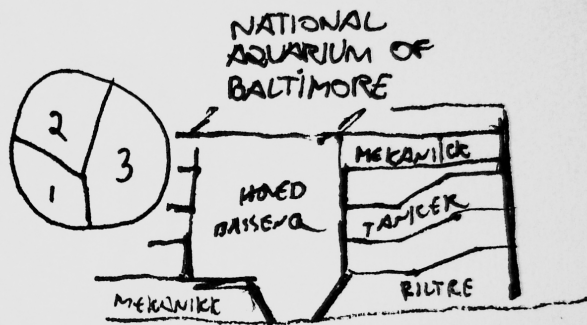
- mystikk
- magi
- ikke vise alt
- en invitasjon til
å bli med inn
- ... og ned.

INFORMASJON PÅ 3 NIVÅ:

- synliggjøre miss-en-scène
- rapid-access informasjon tekst/bil.
- arkivnivå med detaljert info.

FUNKSJONS SORTERING

- 1) ADM/UND
- 2) DRIFT/TEKNIKK
- 3) PUBLICUM



DANMARK:

BYGGETS FORM FØLGER
AKVARIENE - hovedsakelig
orientert langs galleriene.

NB!
TENK PÅ
VIDERE UTBYGGING!

BALANSE

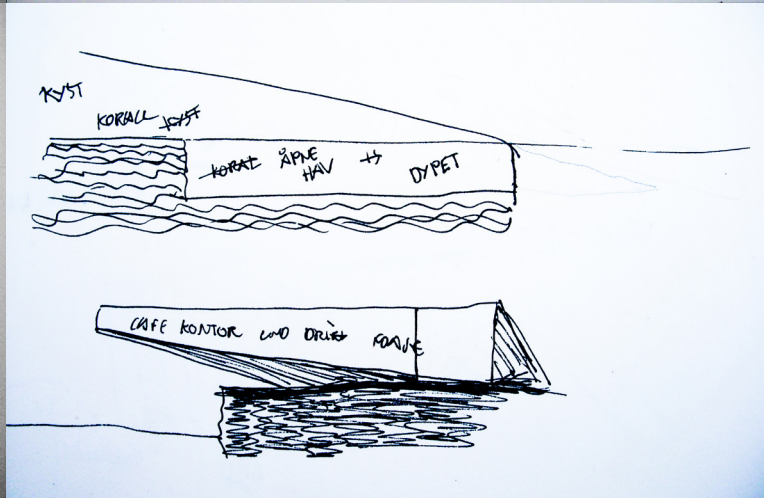
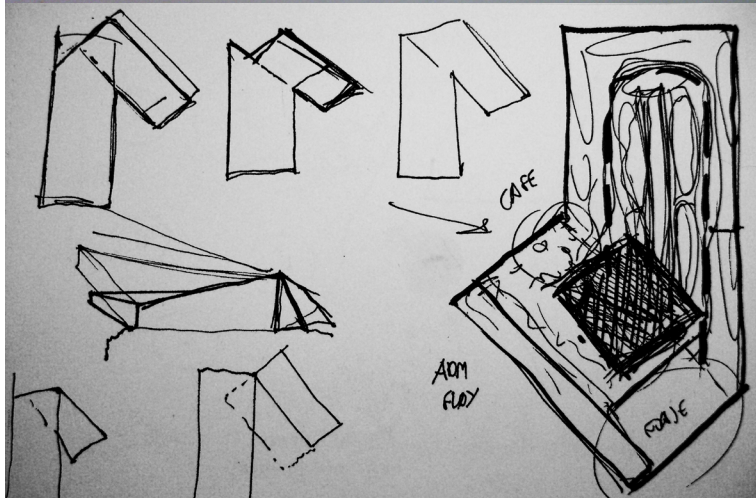
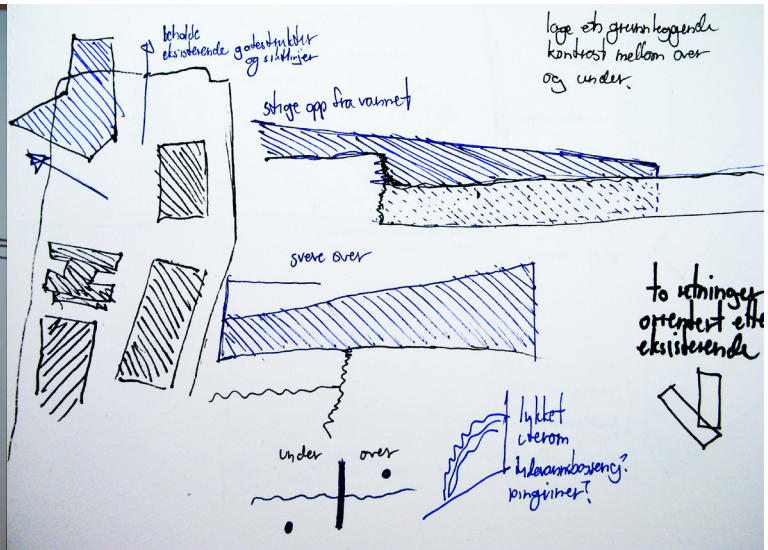
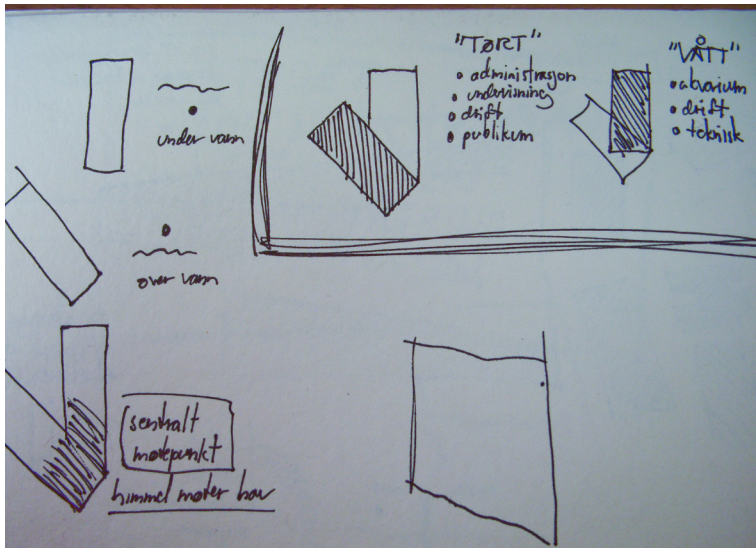
arkitekturen bør
ikke overskygge utstillingen,
komplementere, ikke overgåe!

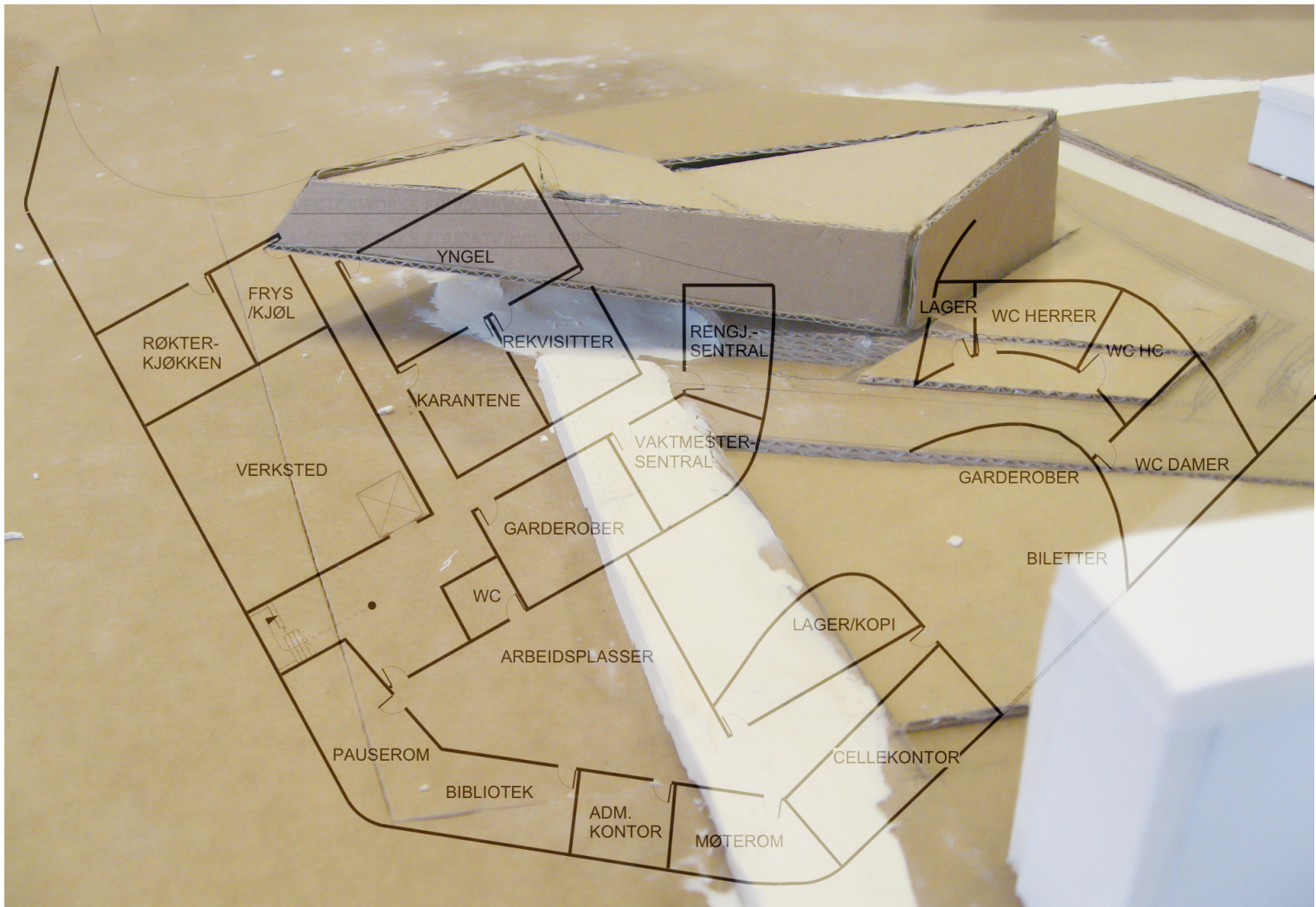
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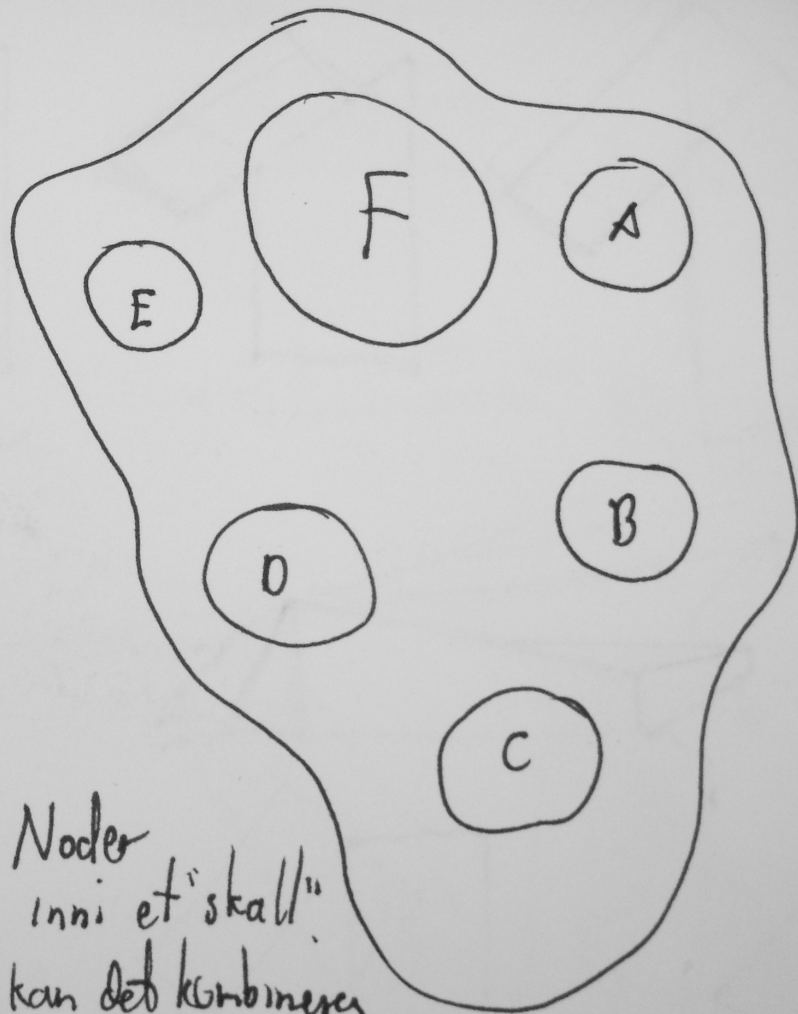
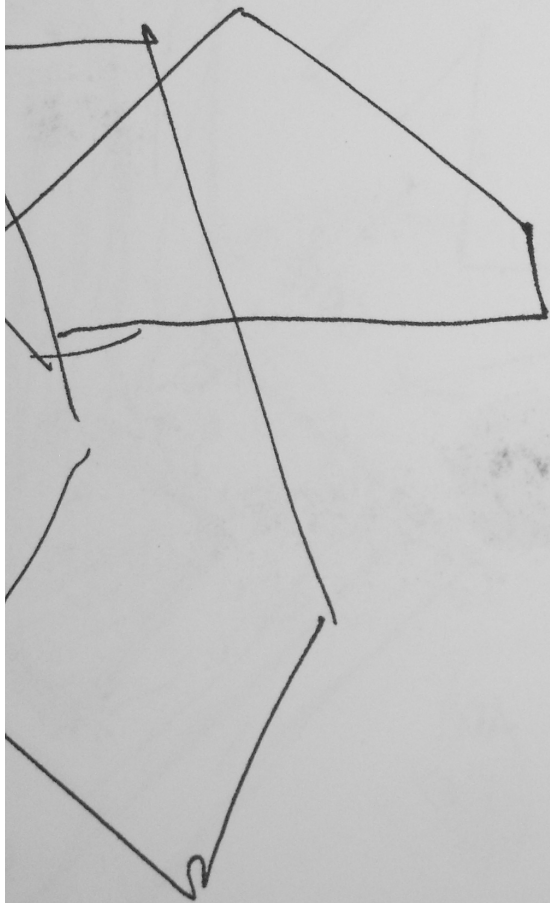
"UTSTILLINGSSNITT"

- gjennom hele utstillingsløpet

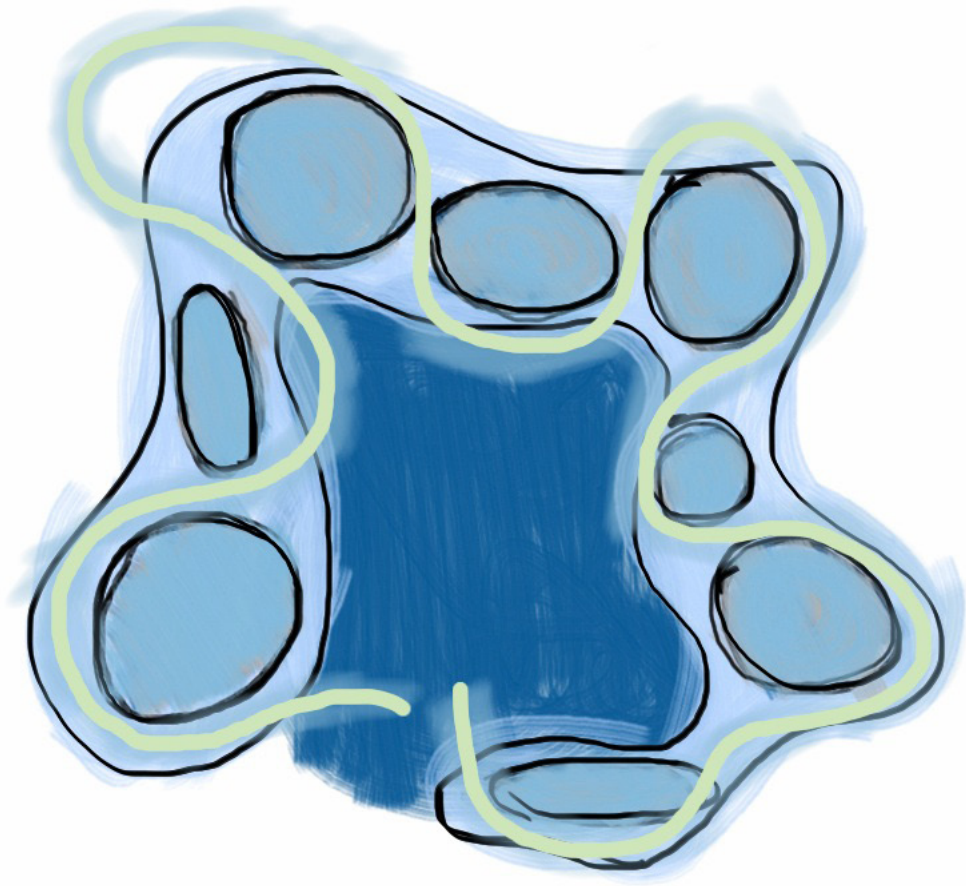
BESØK BERGEN!

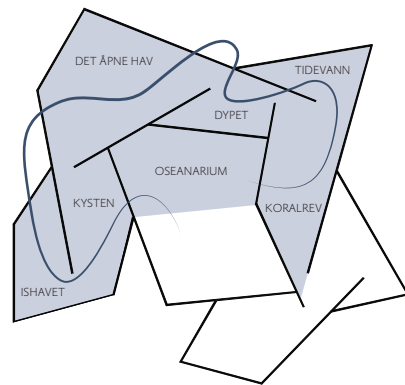
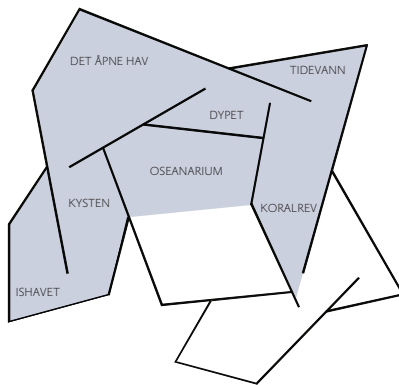
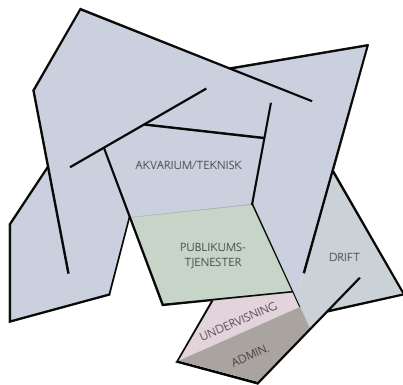
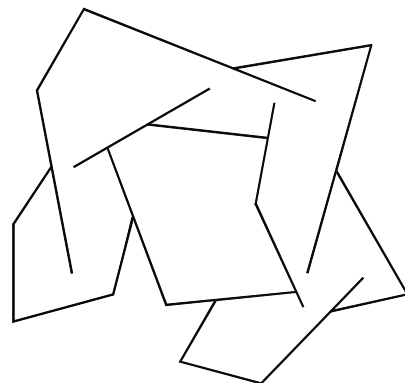
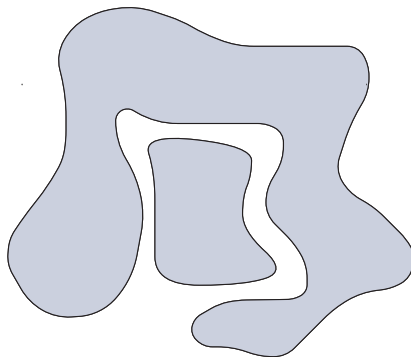
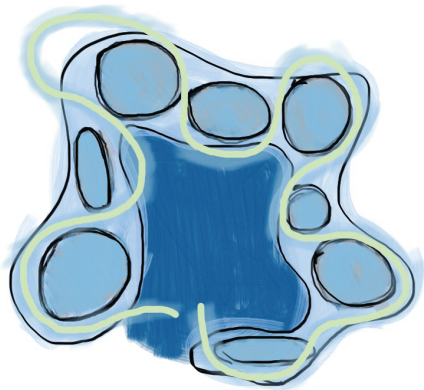






Noder
inni et "skall"
kan det kombineres







DET ÅPNE HAV

TIDEVANN

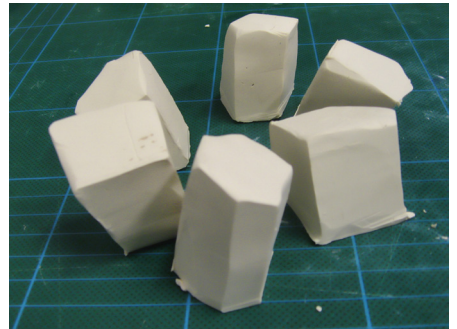
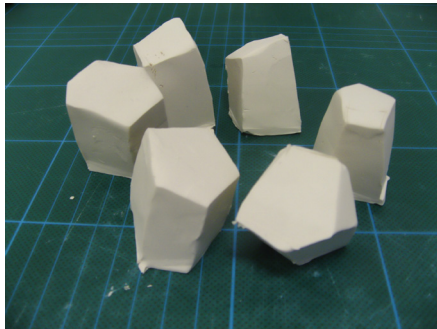
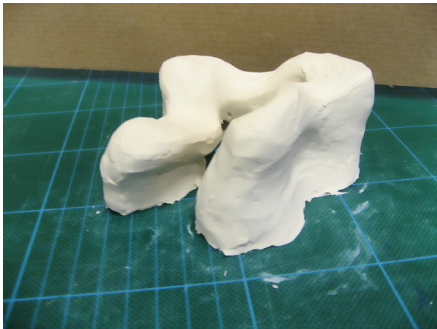
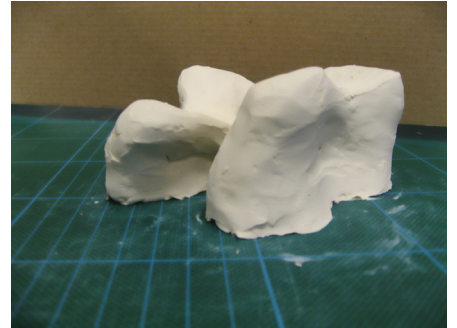
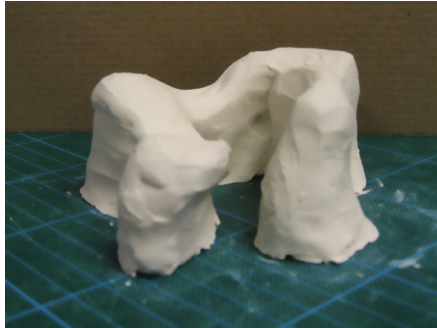
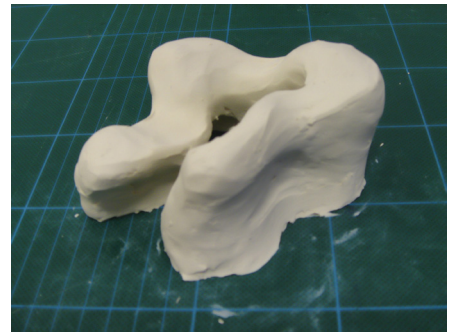
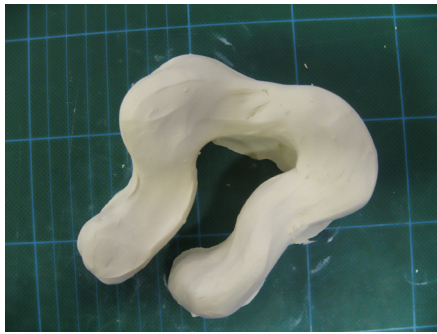
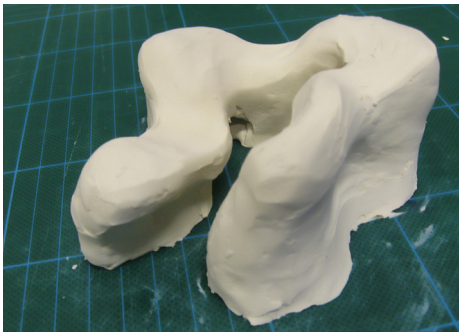
DYPET

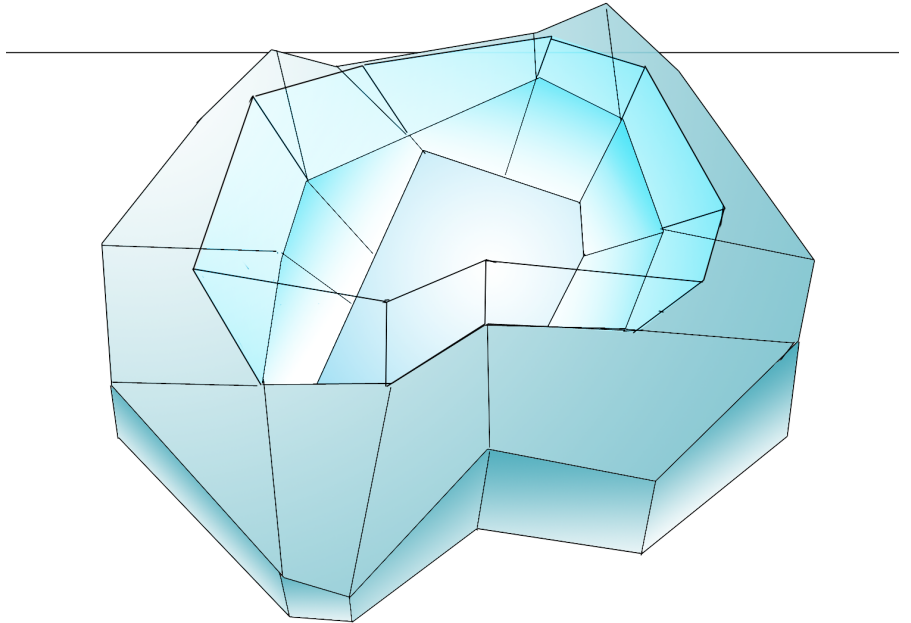
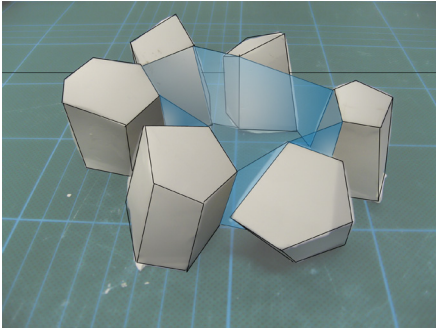
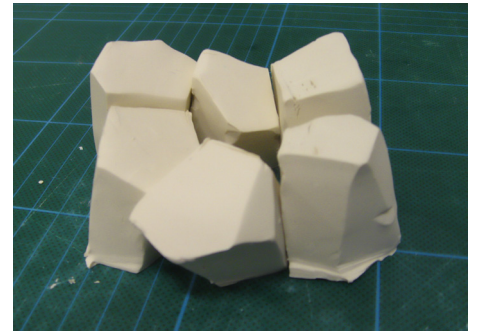
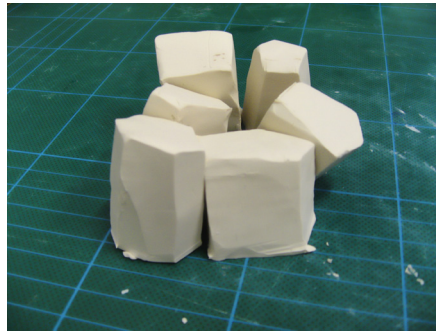
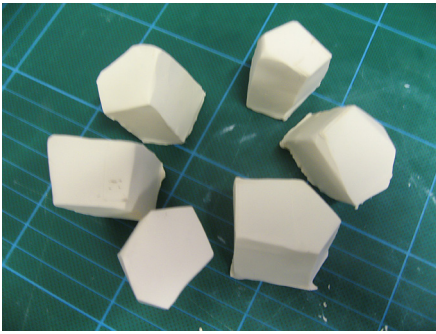
OSEANARIUM

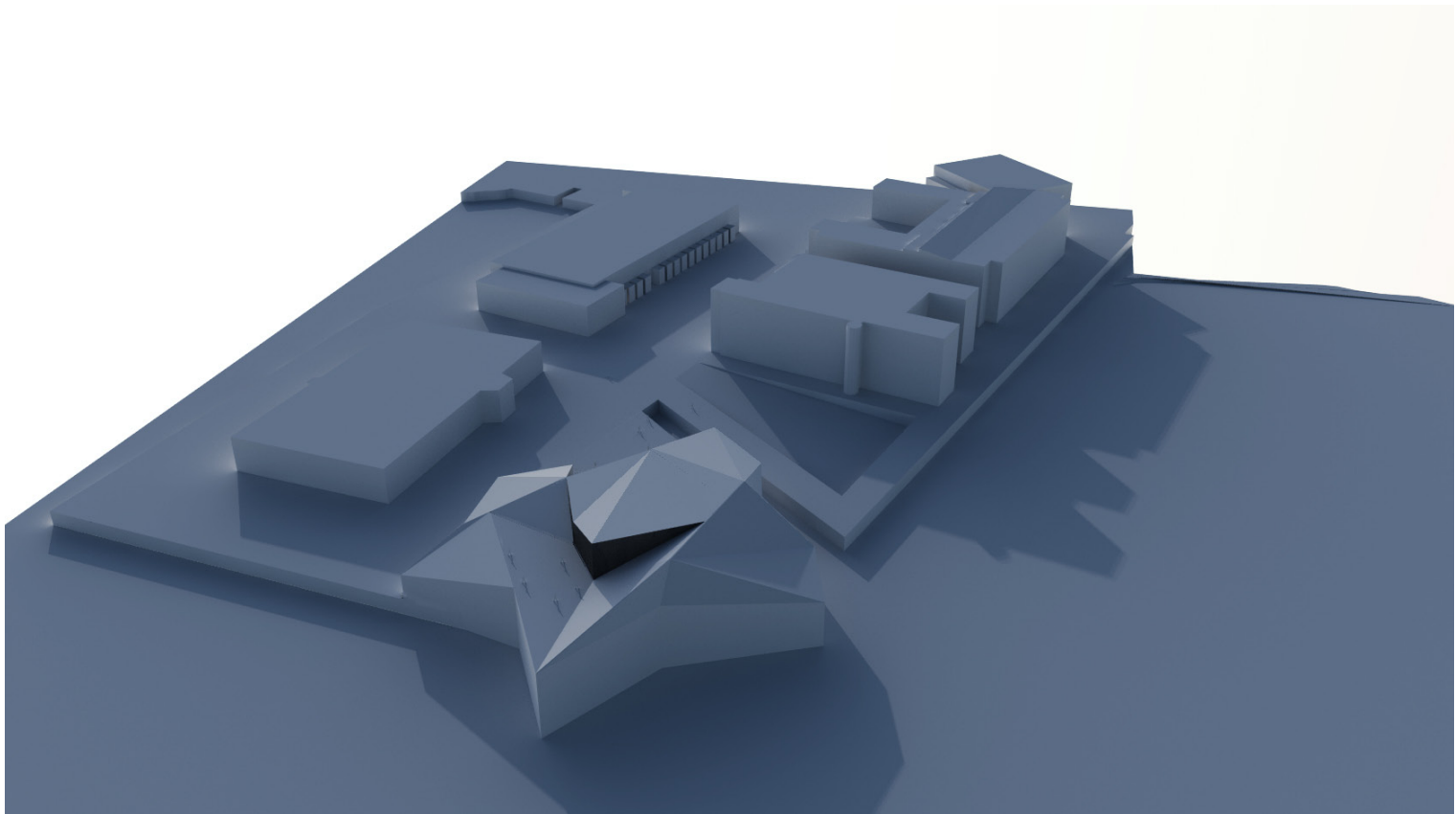
KOSTEN

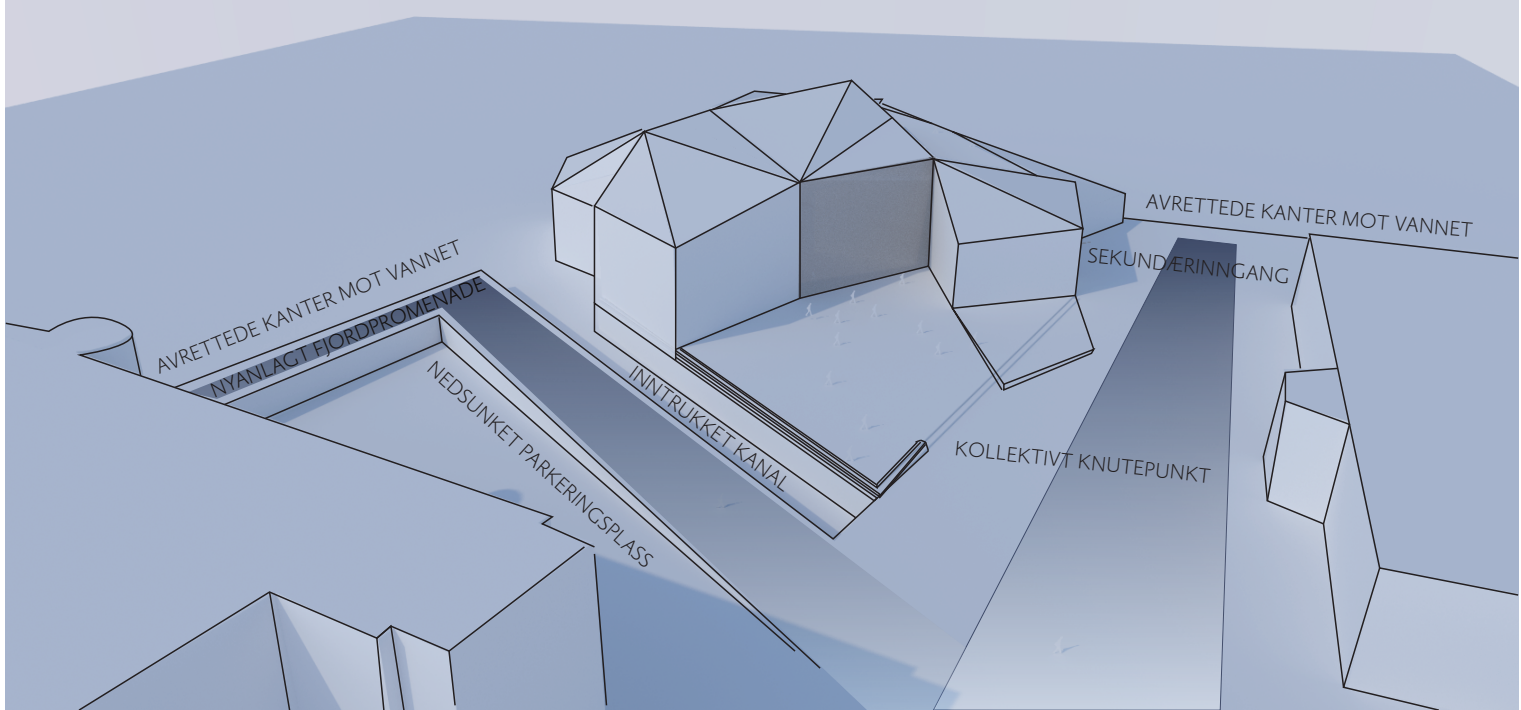
KORALREV

ISHAVET



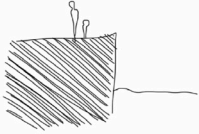




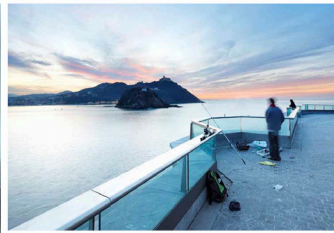


UTDRAG FRA "STORYBOARDS"

1 KOMME TIL



Ytterst mot vannet, ja faktisk i vannet ligger akvariet i Trondheim. Vindretningen er nordlig, det er rått, det kan hende det regner. Det blåser. Alltid.



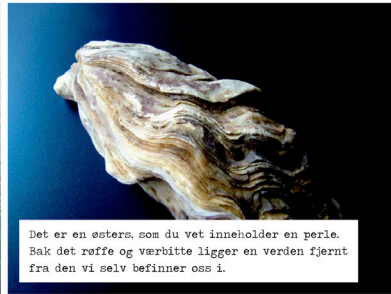
Bygget stiger opp fra og synker ned i havet igjen. Delvis som en klippe...



delvis nærmest som en hval.



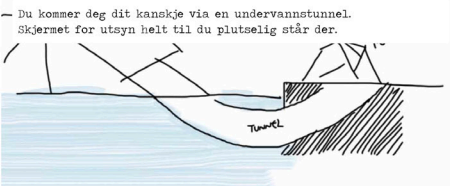
Dette er det virkelige havet. Akvariet ligger her. Her ute".



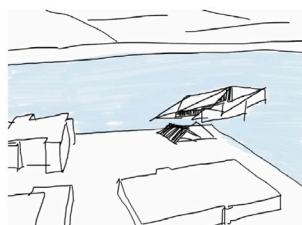
Det er en østers, som du vet inneholder en perle. Bak det roffe og værbitte ligger en verden fjernt fra den vi selv befinner oss i.



Det en invitasjon til å bli med inn, til å bli med ned.

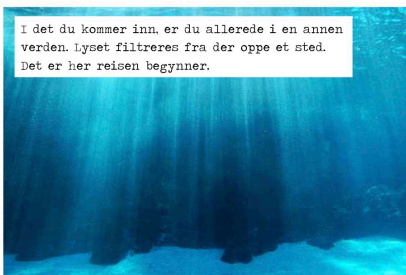


- Du kommer deg dit kanskje via en undervannstunnel. Skjermet for utsyn helt til du plutselig står der.



Eller kanskje du går over en smal molo ut i vannet der du er helt eksponert.

2 KOMME INN



I det du kommer inn, er du allerede i en annen verden. Lyset filtreres fra der oppe et sted. Det er her reisen begynner.



Det kurves og flyter, slik vann gjør.

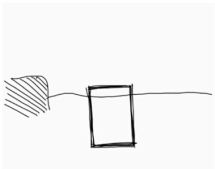


Gi en smaksprøve på utstillingen som kommer. Kanskje se et akvarium ovenifra som du senere vil se et annet ståsted?

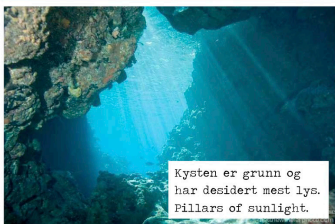


"Havstrømmer" leder deg inn i og videre gjennom utstillingen.

3 KYSTEN



Reisen begynner ved kysten. Du vil se arter som lever og trives nærmest våre egne omgivelser.

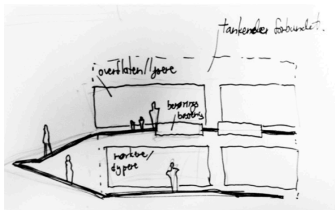


Kysten er grunn og har desidert mest lys. Pillars of sunlight.

Lydsettingen skal være assosiativ med kysten; bølger, rennende vann. Dette er vann slik det høres fra overflaten, ikke så mye under.



Utsikt mot fjorden?



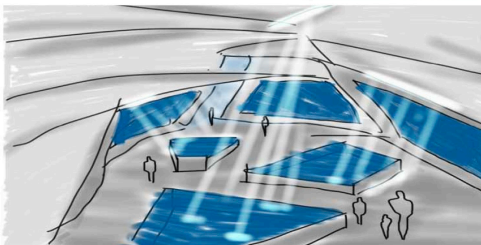
Yrende liv. Legge til rette for energiske unger.



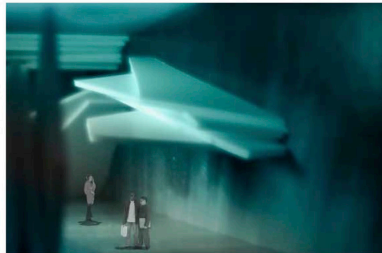
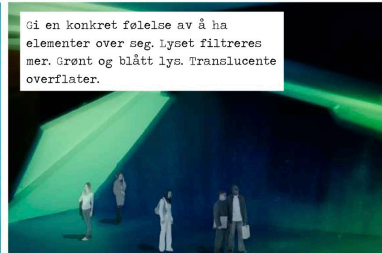
Stimtank.



Man begynner å fysisk bevege seg nedover samtidig som tankene og tablåene du beveger deg langsmed blir større. Tankene er forbundet med hverandre, fiskene står fritt til å svømme fra tank til tank for å simulere deres naturlige miljø.

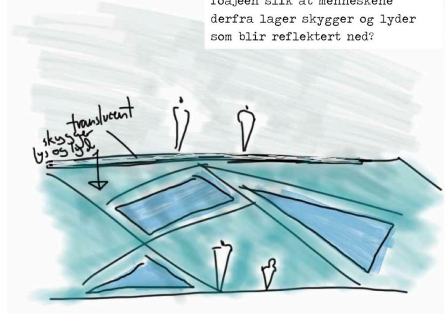


4 SHAVENE

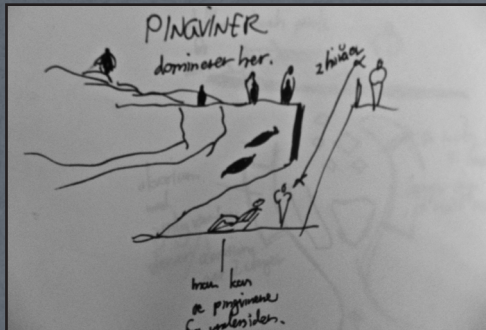


Temperaturen i denne delen av
akvariet vil oppleves lavere. Det
skal merkes at du er kommet til
isødet.

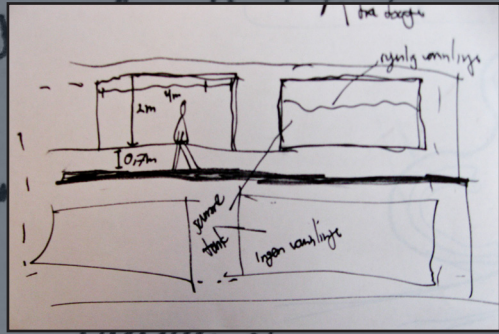
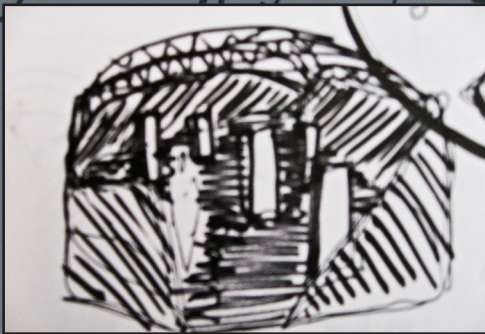
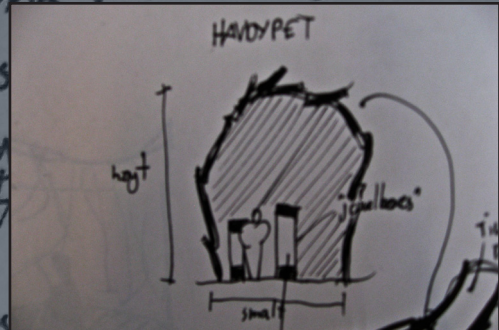
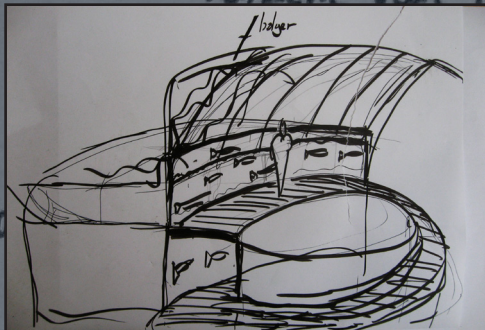
Kanskje ishavene ligger under
foajeen slik at menneskene
derfra lager skygger og lyder
som blir reflektert ned?



Dommedagsturen?



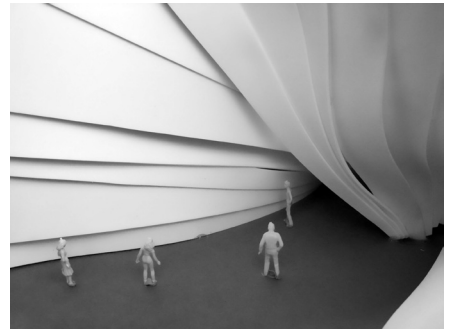
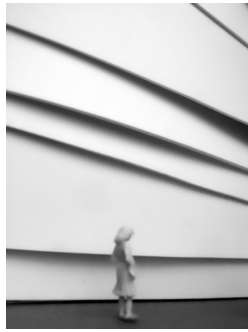
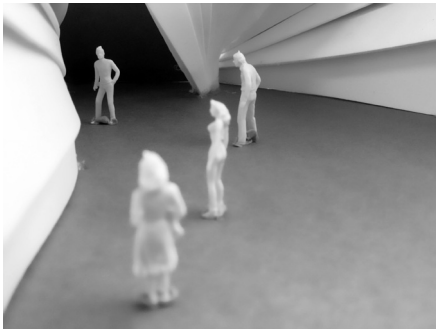
Hvor langt unna mi/kan
fartene vere unna menneskene?

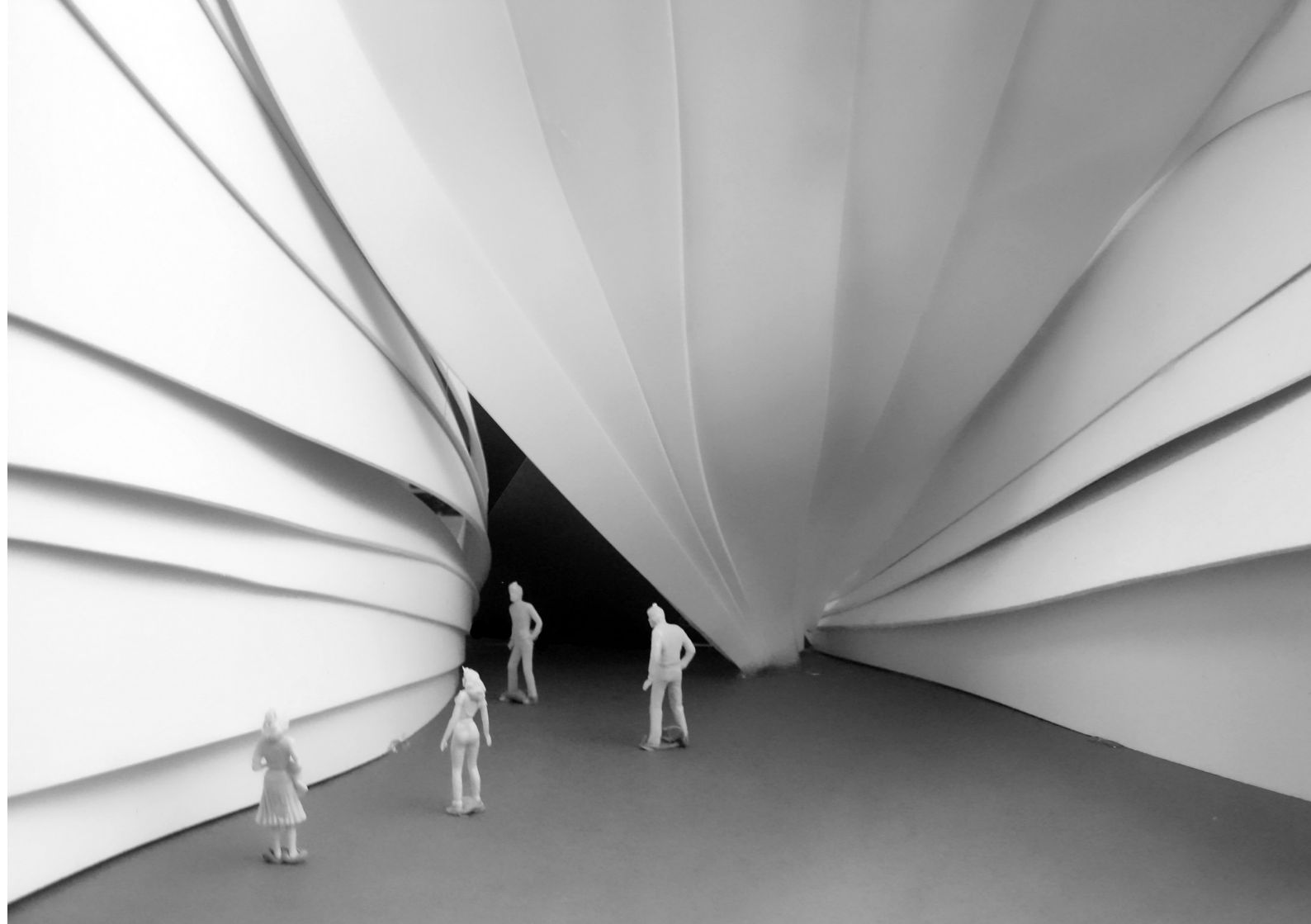


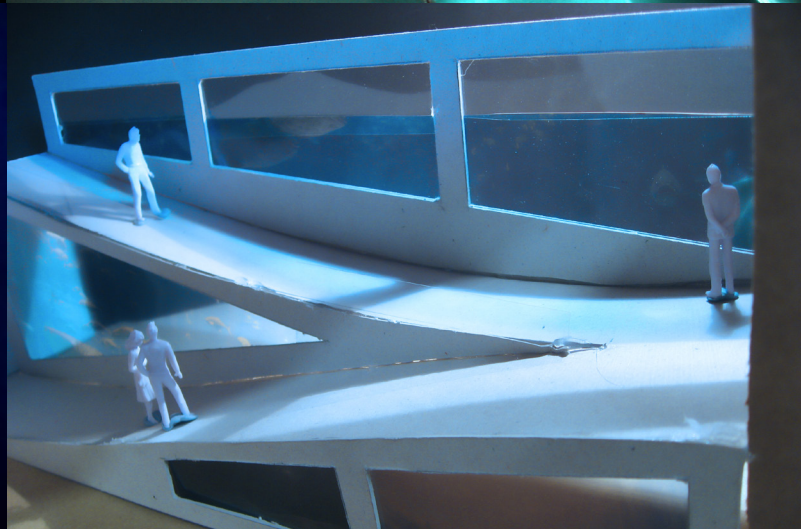
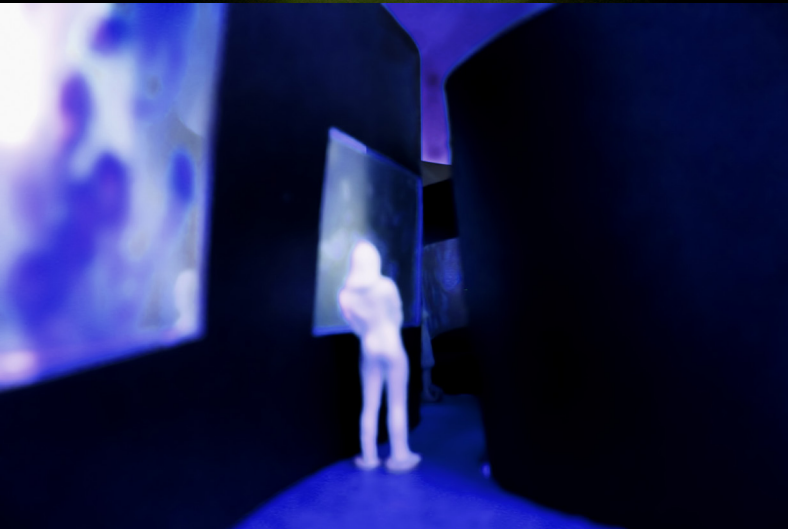
Oppgaven
publikum/relat

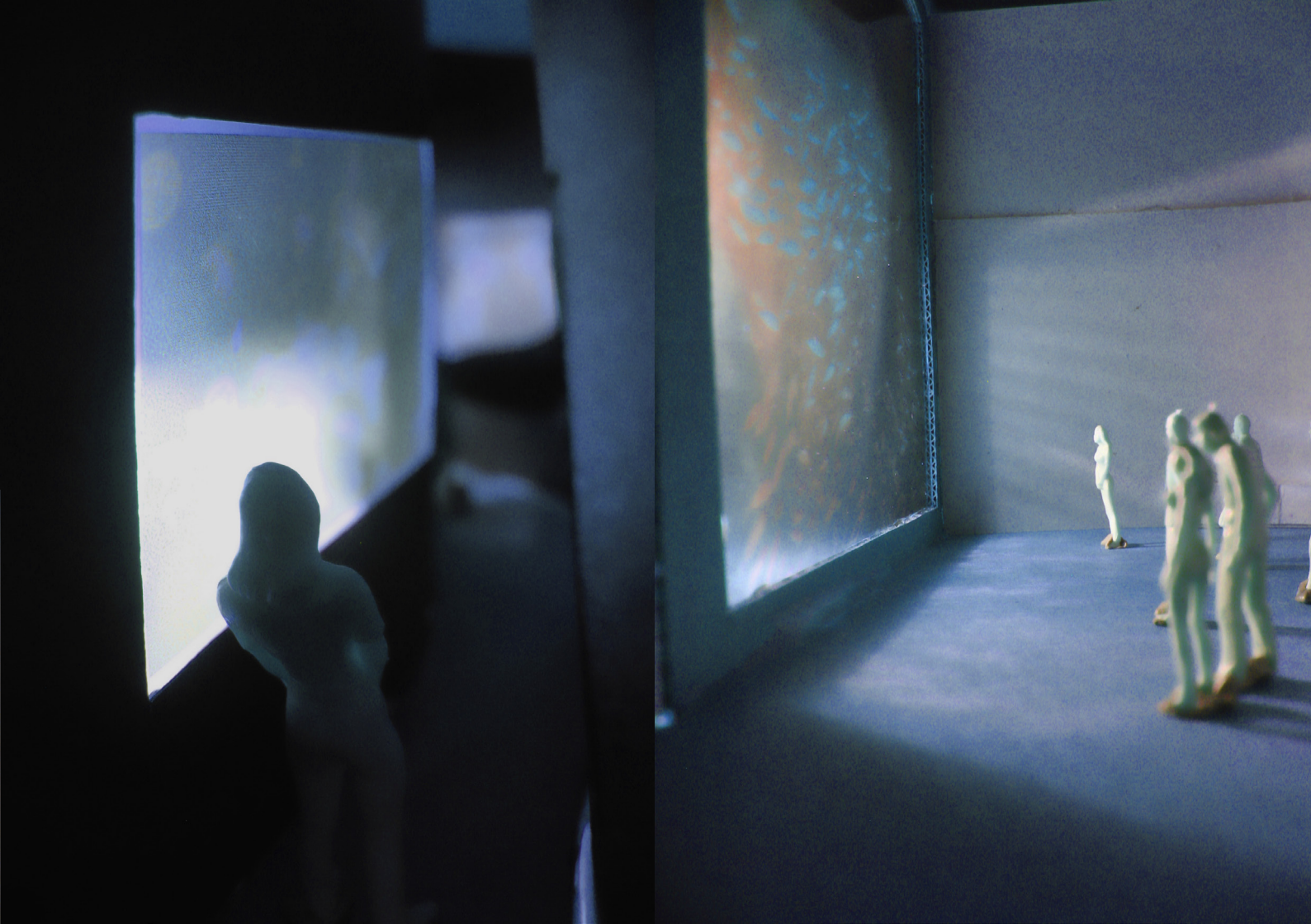
thar er populært?
thar lingers //

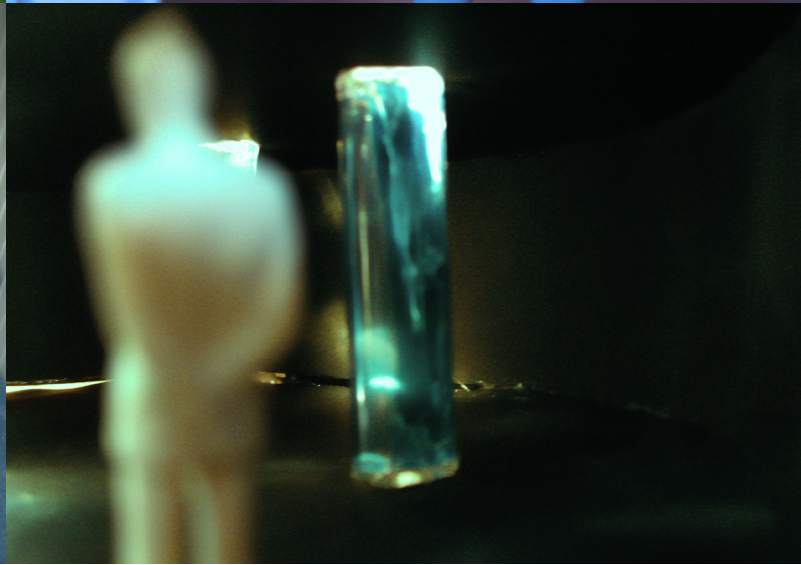
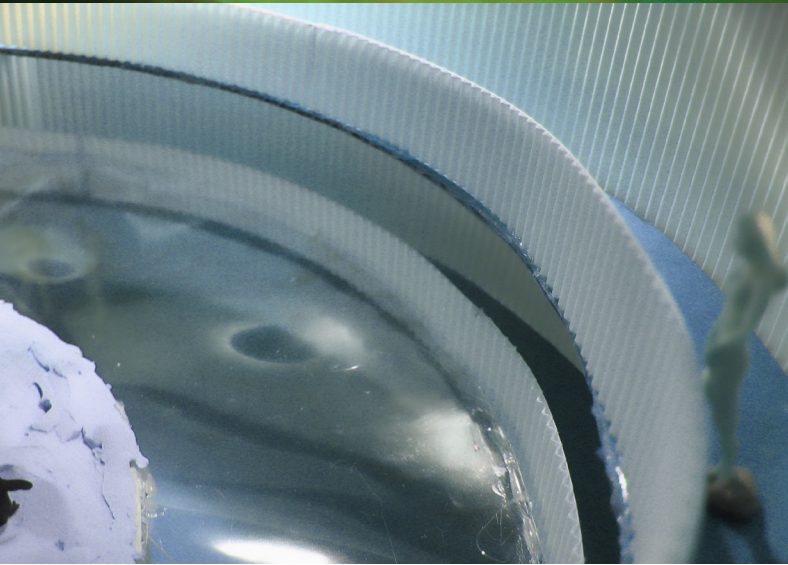
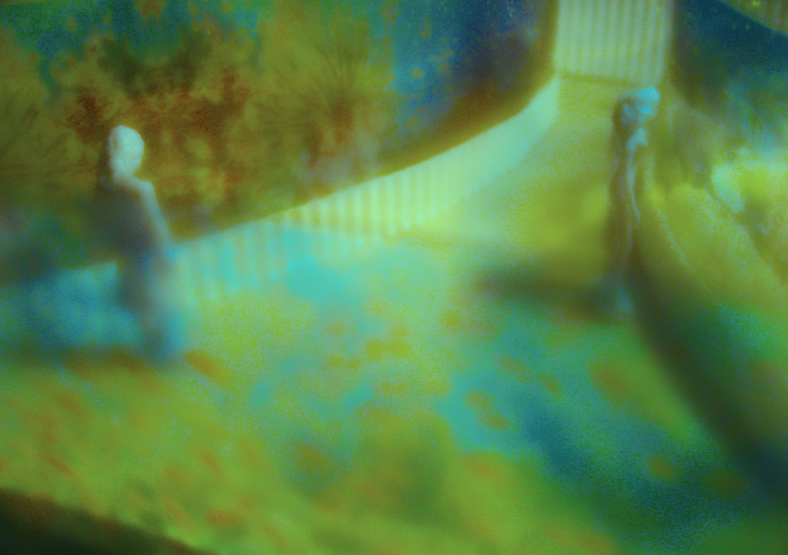
F. i. t. med

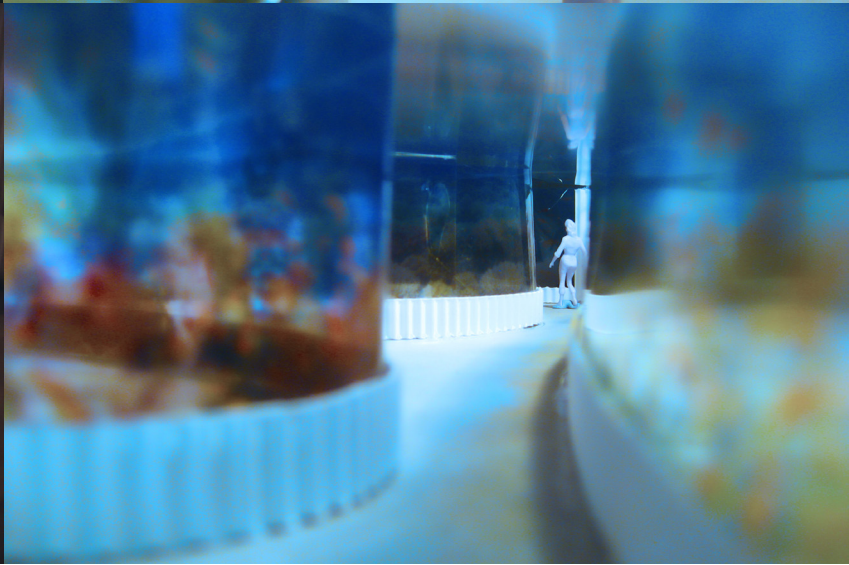
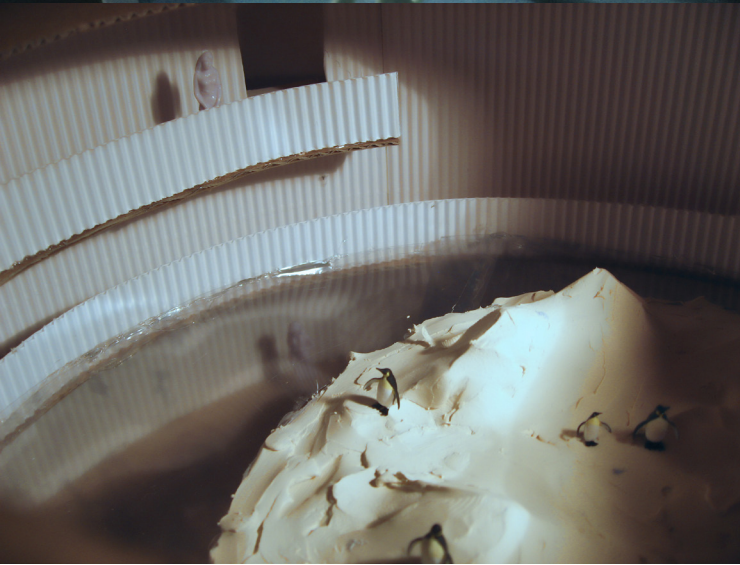
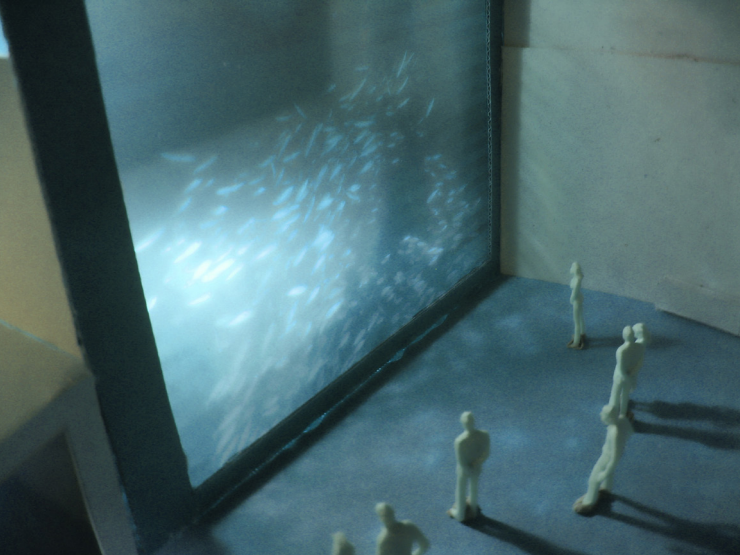


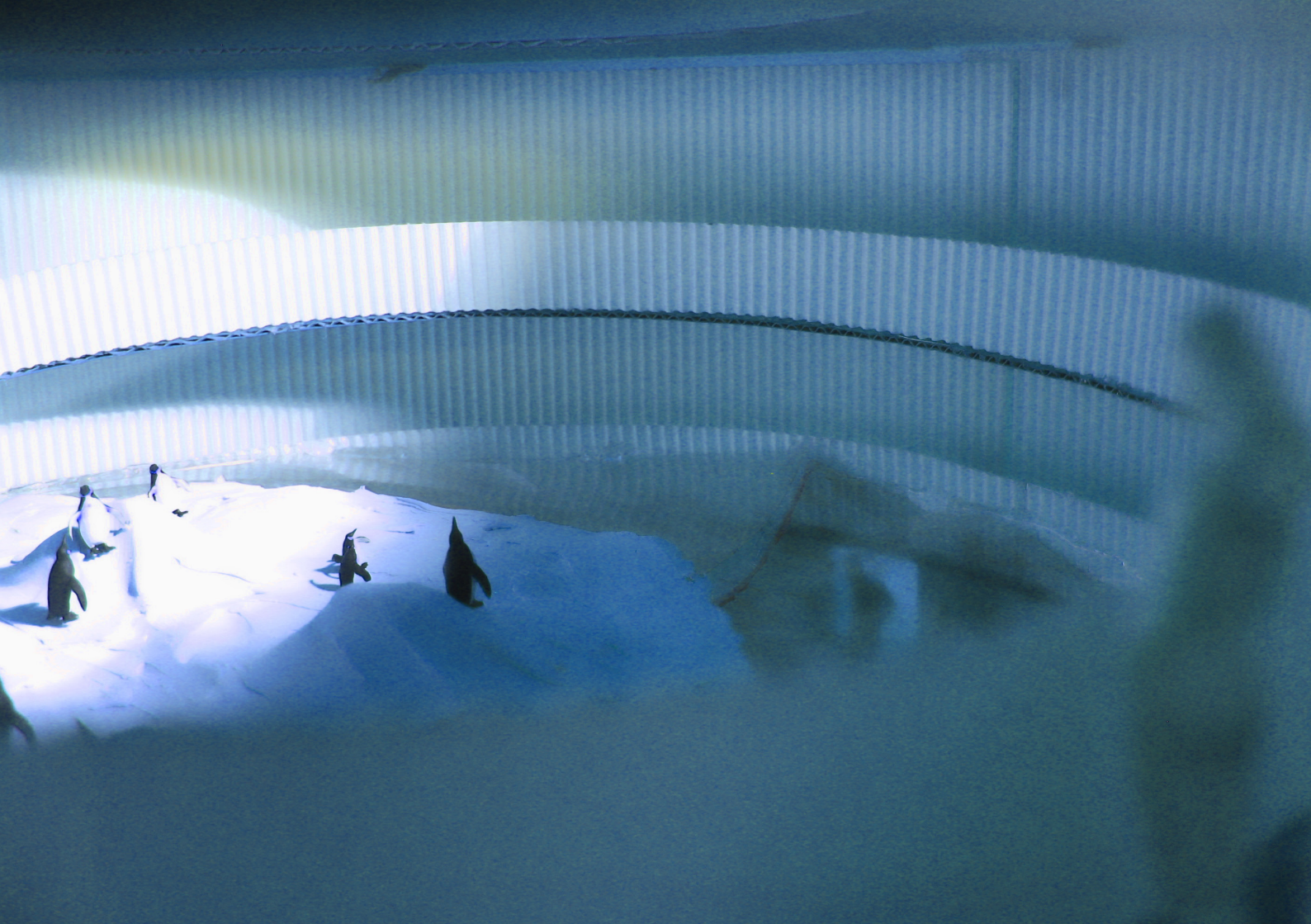


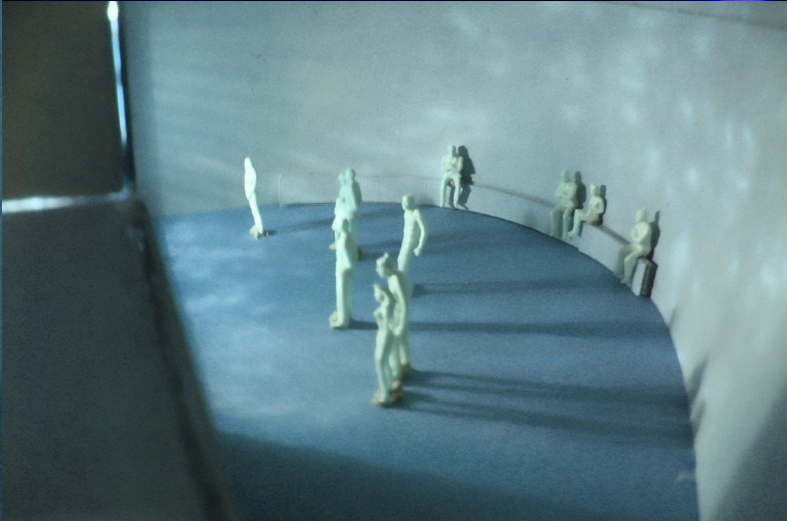
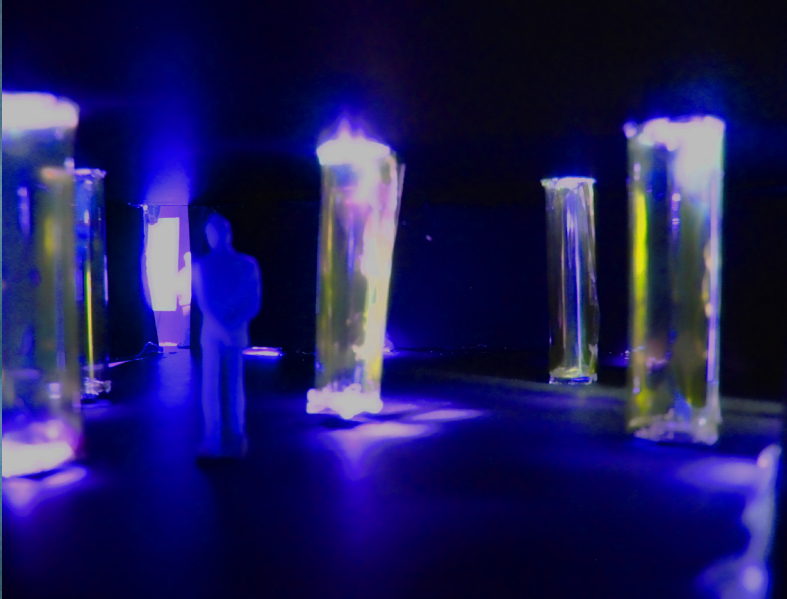


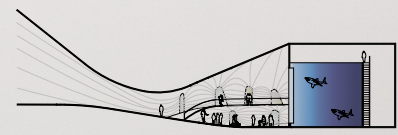
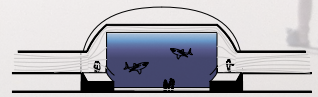
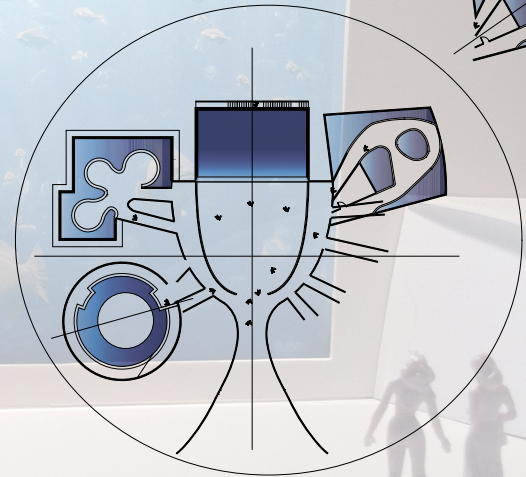
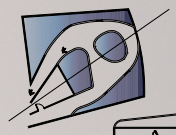
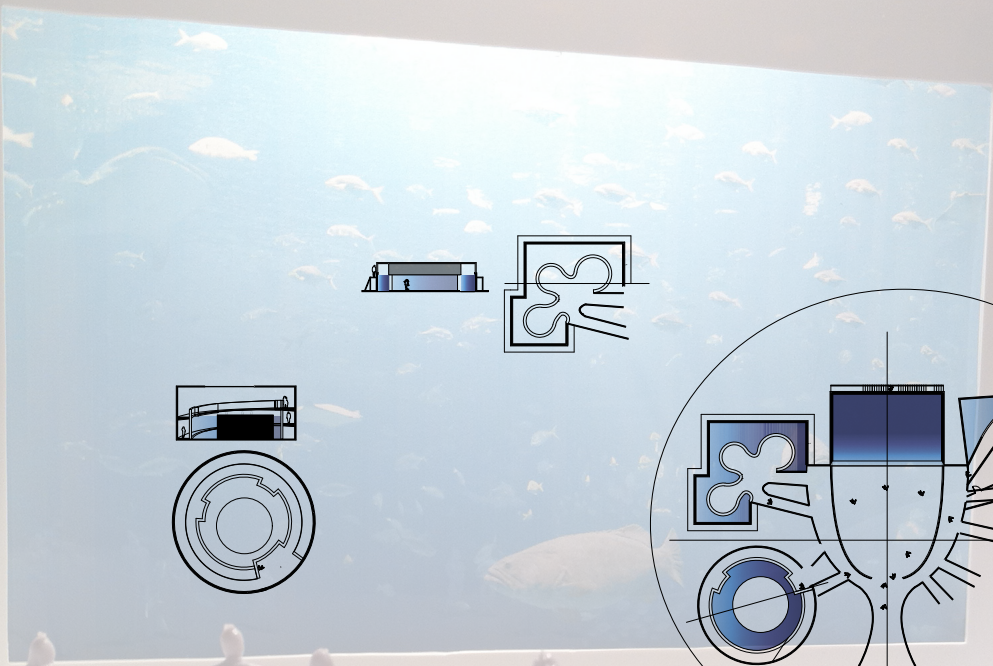


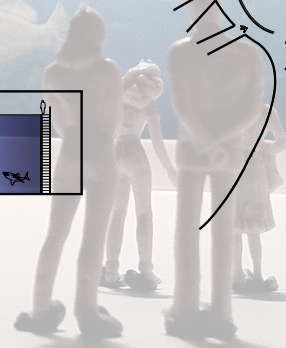
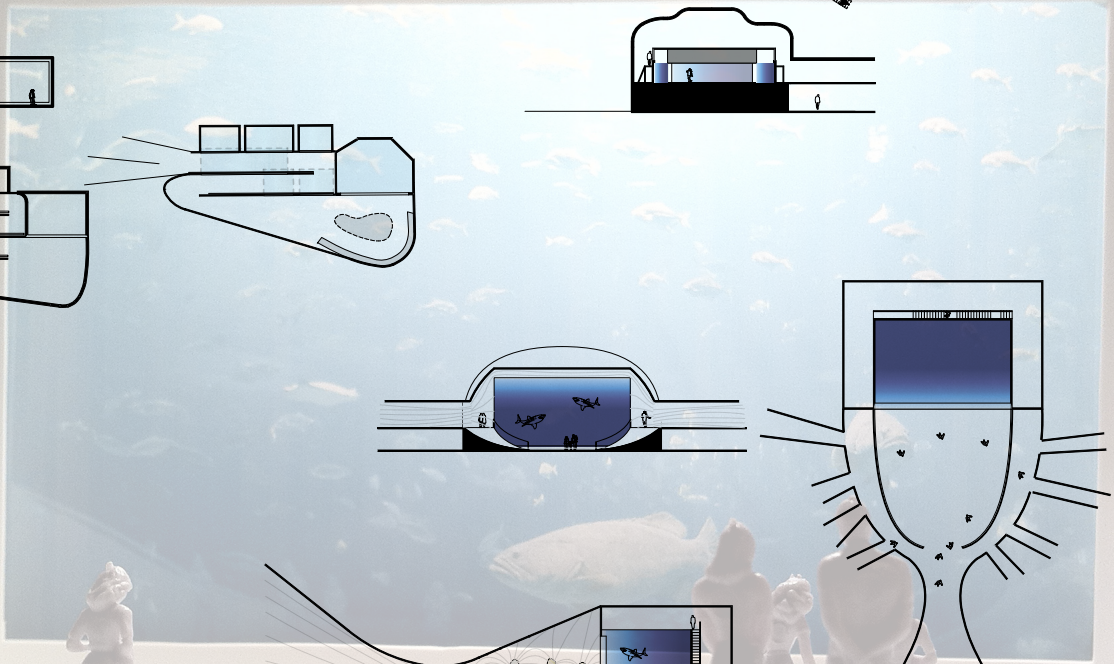
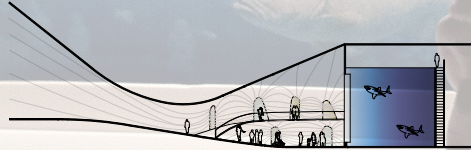
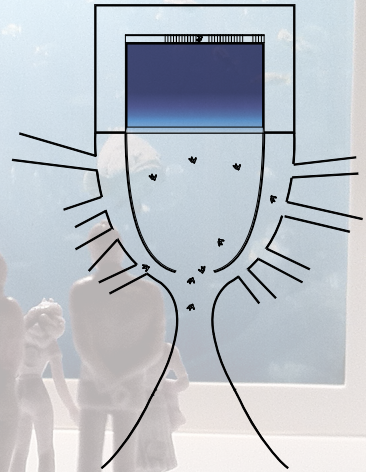
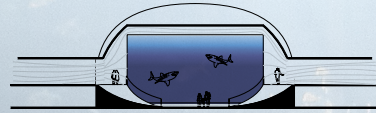
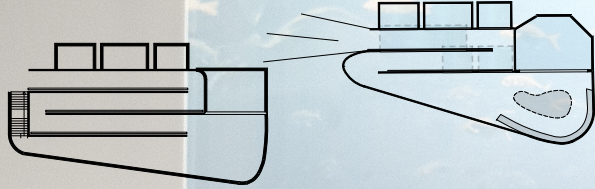
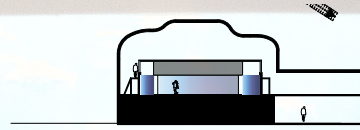












~~Hva~~
toveslug

Ocean
dybde, hav

~~toveslug~~
Korall

~~Korall~~
~~Hav~~ ~~slur~~
~~televisjon~~

Handwritten notes in a central oval, including the words "dybde" and "hav".

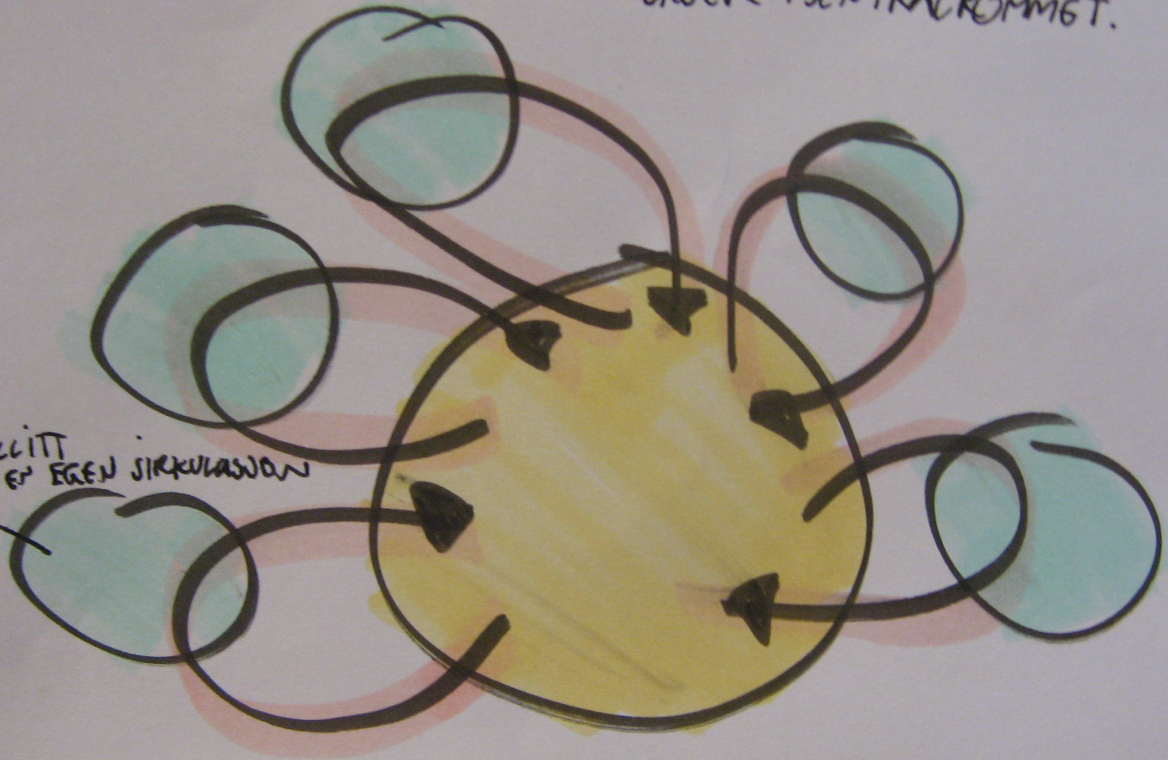
dyp

kyst

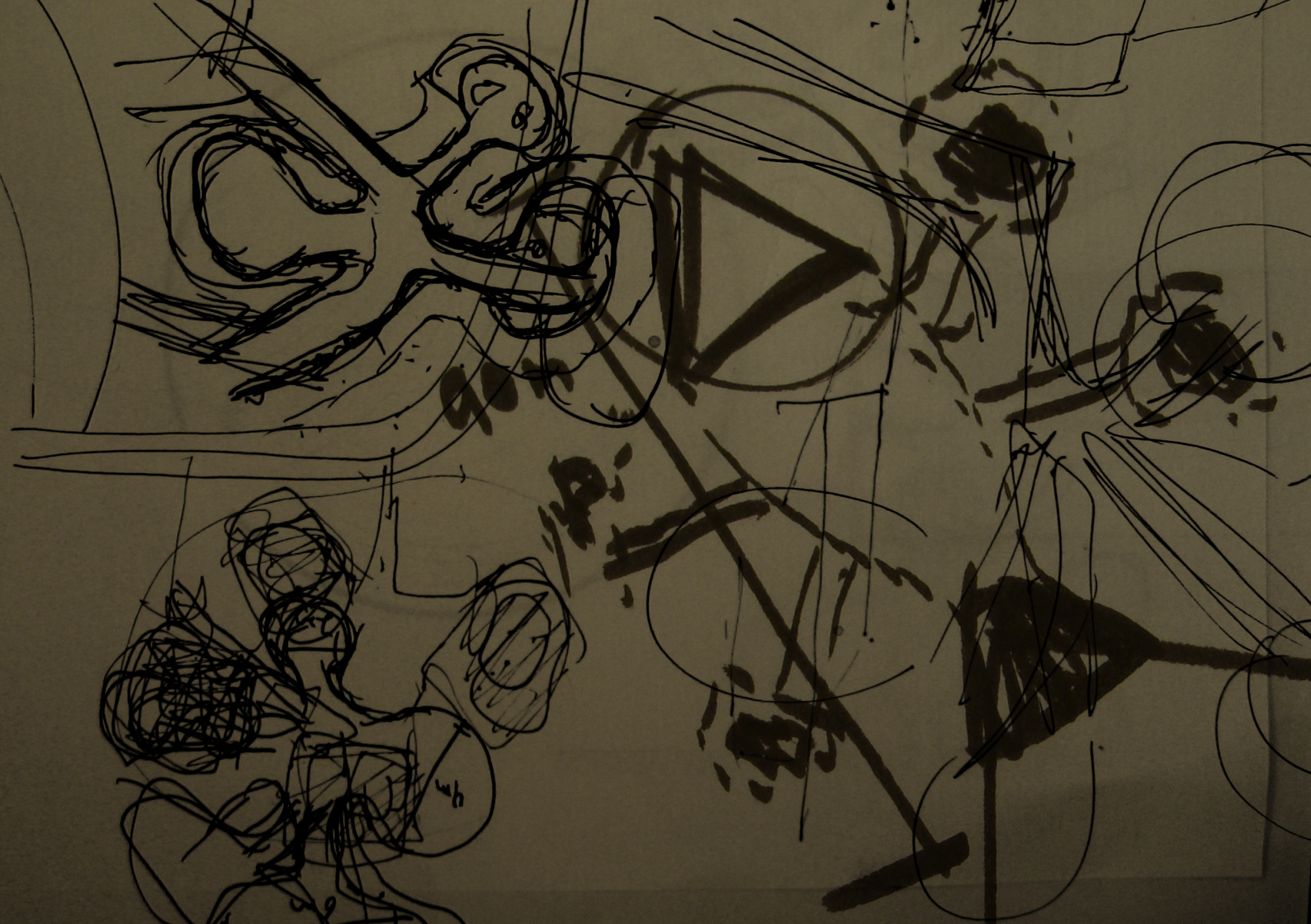
fritt
område

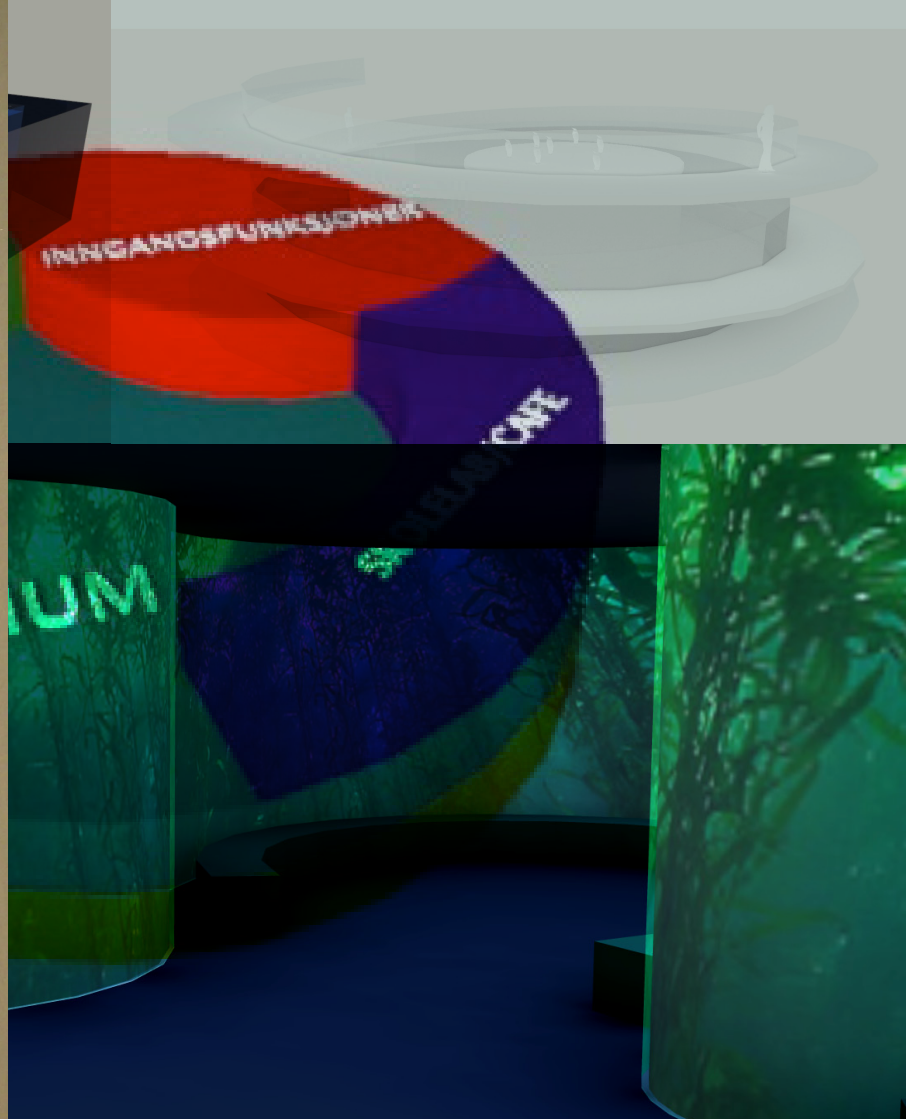
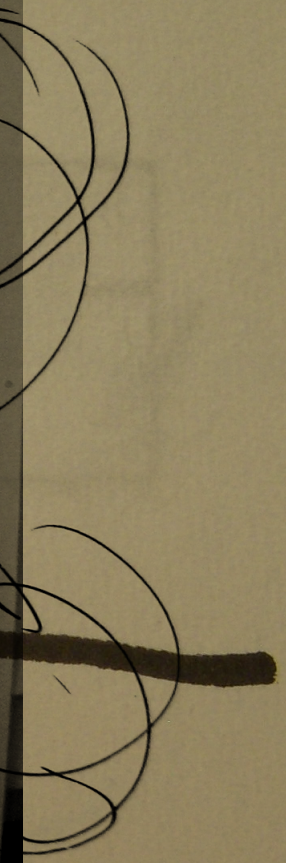
ALL JIRKULASJON
SKJER I SENTRALROMMET.

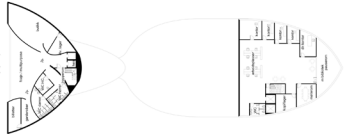
HVER SATELLITT
HAR EN EGEN JIRKULASJON



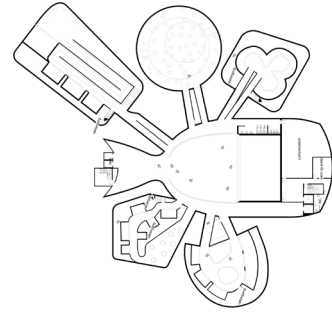
SATELLITTEMAET DYRKES!



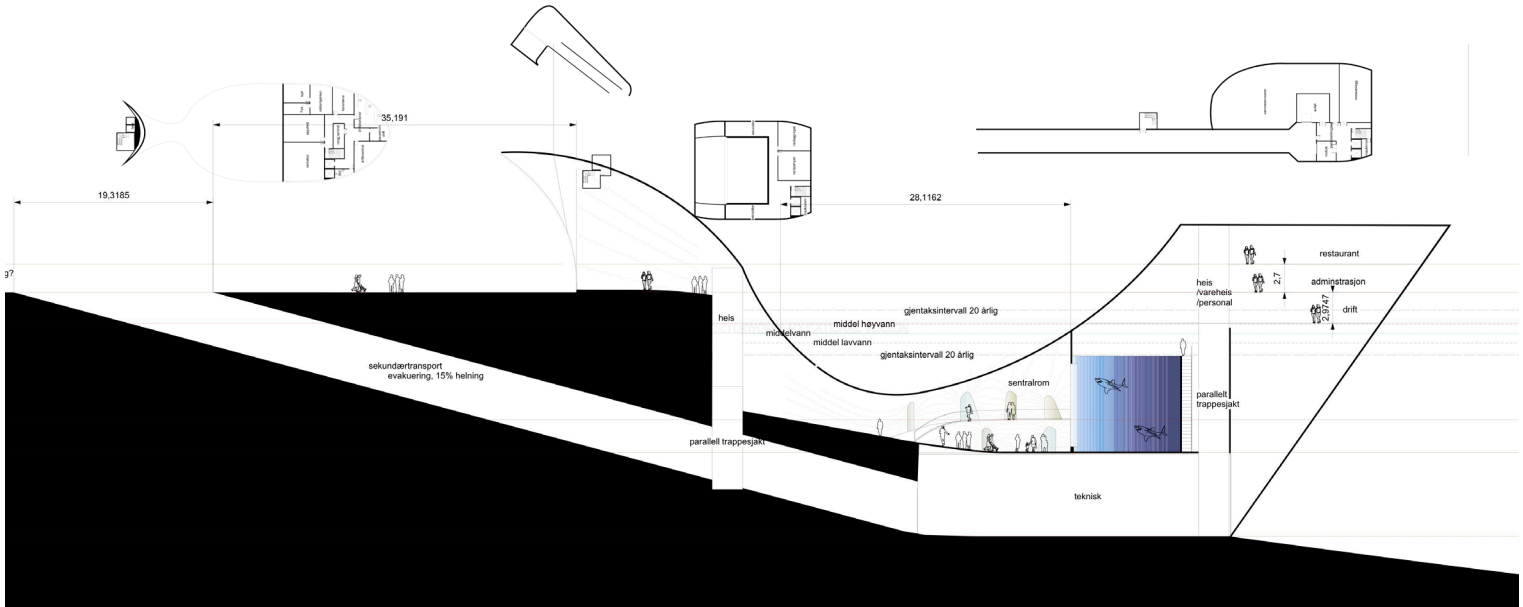
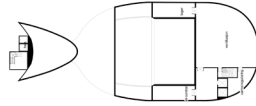
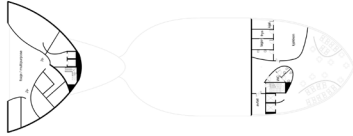




VEITINGSSALA STRUKTURPÅL, VESTERVI



VEITINGSSALA STRUKTURPÅL, VESTERVI



ROMPROGRAM

6061 m²

REVIDERT: 4066 m²

Funksjoner	Antall	Netto areal	Lysekrev	Totalt Areal
Publikumsareal				600
Inngang / Fiske	1	500	Direkte	
Besetnings / Informasjon	1	20	Indirekte	
Bukkavensere	1	50	Indirekte	Lager
Garderobeser	1	20	Ingen	
Toiletter, Mann	6	8,5 m ²	Ingen	
Toiletter, Dame	8	8,5 m ²	Ingen	
Toiletter, WC	2	8,10 m ²	Ingen	
Cafe	1	150	Direkte	X
Kjøkken	1	40	Direkte	X
Lager	1	10	Ingen	X
Frys	1	5	Ingen	X
Kjøll	1	5	Ingen	X
Kjøll	1	10	Ingen	X
Toilett Høner	2			
Toilett Damer	2			
Ansatts- sanitetsfunksjoner	1	40		X
Administrasjon				1335
Direksjonskontor	1	20	Direkte	X
Casekontor	1	8,10 m ²	Direkte	X
Planlegging	10	40	Direkte	X
Møterom	1	20	Direkte	X
Kopi og lagar	1	15	Ingen	X
Bibliotek	1	10	Direkte	X
Toiletter	2	8,5 m ²	Ingen	X
Plussrom	1	40	Direkte	X
Akvarium				2515
Oseanareal		150	Vann	
Renter og publikum	420			635
Kjøtt	100			
Renter og publikum	430			
Janette	170			
Renter og publikum	260			
Tarekapsler	70			
Renter og publikum	220			
Korallene	100			
Renter og publikum	220			
Dypet	45			
Renter og publikum	200			
Understøttning				428
Auditorium	1	80		
Gespeperom	2	8,25 m ²		
Arbeidsplasser	2	8,8 m ²		
Møterom	1	20		
Utstilling	1	30		
Lager	1	10		
Teknisk				750
Pumpestasjon	1	100	Ingen	X
Renseanlegg	1	100	Ingen	X
Vannregulering	1	30	Ingen	X
Vannreservoar	1	50	Ingen	X
Vannreservoar, salt	1	200	Ingen	X
Ventilasjon	1	150	Ingen	X
Elektrisk Sentral	1	50	Ingen	X
Elektrisk Kjøligangat	1	50	Ingen	X
Vann og utslip	1	20	Ingen	X
Drift				462
Garderobeser	2	8,20 m ²	Ingen	X
Toiletter	2	8,5 m ²	Ingen	X
Dykeronse	1	30	Ingen	X
Driftkontorer	3	8,8 m ²	Direkte	X
Møte/Pauserom	1	30	Direkte	X
Vaktmestentral	1	30	Direkte	X
Rengjøringsentral	1	20	Ingen	X
Fryselager	1	20	Ingen	X
Kjøleskapp	1	20	Ingen	X
Varelager	1	20	Ingen	X
Renter kjøkken	1	30	Direkte	X
Renter lager	1	100	Direkte	X
Karantenerom/midde	6	8,5 m ²	Indirekte	X
Oppdriftsyngel	3	8,20 m ²	Indirekte	X
Vekstbed	1	100	Direkte	X
Rekvisitter	1	30	Ingen	X
Lager	1	100	Ingen	X
Varevottak	1	20	Direkte	X
Lager	1	50	Ingen	X
AVfall	1	50	Ingen	X

Revisjon	NOTATER
120	Beregnet for 200 000 bes pr år (ca 550 pr dag)
84	
23	
83	
20	
20	20,4 m pr 100 besøkende
6	15,6 stykk
5	22,5 stykk
1	12 stykk
	8000 ren oven smalebiter på utstillingen i fase?
	Cafe 70-100 sitteplasser, turnover 2 pr sete pr time, layout se Nieuwert
60	
25	Frys og kjøll kombineres i samme areal
5	
15	NVTT
	NVTT
	NVTT
	NVTT

8 mindre areal pr person, tokes som midlertidige arbeidsplasser

UTGAR

Mulig høy takhøyde her

30 Omregnes på balagram av prosjektets nye størrelse
40
40
50
60
100 Halveres

150
25 Halveres
25 Halveres
20
gjelt

Samboksleres med administrasjon
Grunnet anleggets kompakte størrelse utgår dette, kombineres med ordinært pause
20 Kuttet med en tredjedel
12 St over

Bakt inn i akvarieareal

60
25
75

