



General information about the project

This document contains details and drawings on what must be built and installed on the 4 floors comprising the workshop, gallery and artist studios.

The floors are today occupied mainly by Kunst og Designhøgskolen i Bergen and in use as student workspaces, teacher studios and storage, now connected to their main building next door, C.Sundtsgate 53. This means we will have to do some reappropriation to the layout, moving of lights etc. but in general the house will continue with a similar purpose as before, saving us from the most drastic building requirements.

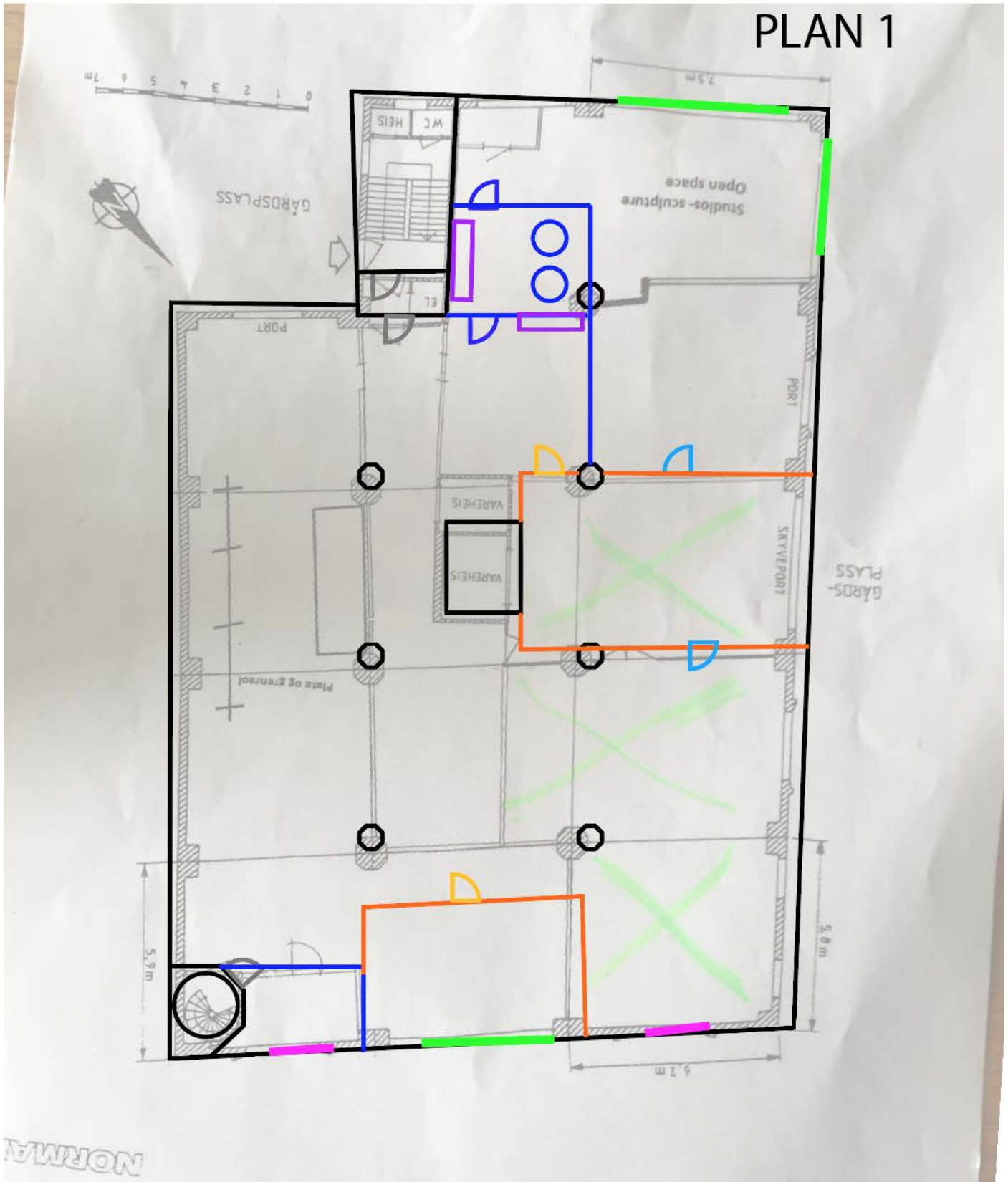
The rebuilding of the floors will start late 2017 or early 2018. This document provides a sketch for the minimum necessities of building adjustment needed to make the premises usable for the intended purposes. Once this is achieved we want to upgrade with things like good ventilation on all floors, CNC machines for the workshop and installing the Flagfabrikken photo printlab. For now our goal is to get into the building, and we will even do simple work like painting walls on "dugnad" together with artists that will move into studios.

Contractors from Engevik Bygg, Nævdal Bygg, Ideal Bygg Vest, C.Dahm Maskin and Fana Blikk has inspected the premises and quoted prices for rebuilding of walls, installation of toilets and sinks, electrical work, ventilation, moving of machines, moving of exhaust ventilation and installation of new ventilation in workshop.

Explanation for floor plans: Existing floor plan is scanned and new walls are drawn in on top. If there is an existing wall in the drawing that we have not drawn on top of, it means that this wall will be taken down. This also applies for the grey lines in the plan drawing of the 5th floor.

- ┌ Existing Walls And Doors to Stay
 ▬ Full Size Windows
- ┌ New Walls And Doors
 ▬ Half Size Windows
- New Toilet
 ▭ New Sink
 ▭ Existing Sink

PLAN 1



NORMA

TASK LIST 1ST FLOOR

- Take down and build up walls according to plan drawings.
- Install electricity (3fase) for big machines according to plan
- Extra lights in the part of the floor which today is Khib storage
- Reconfigure fire alarm system
- Install general air ventilation
- Install ventilation and exhaust systems for wood machines
- Install ventilation and exhaust system for metal machines

The ground floor of the building will be a workshop for wood and metal. The space is ideal for this as it has two big gates opening up to the street and walls and floors made of concrete. Magnhild Øen Nordahl is in charge of the workshop in its developmental stage.

Ventilation

We need to install 3 types of ventilation in the workshop; general air ventilation, an exhaust system for metal work and an exhaust system (sponavsug) for woodwork. There is no general ventilation on the 1st floor today so this must be bought new, but the exhaust and ventilation for machines we will in part get as donation and in part buy together with used machines from C.Dahm. The general ventilation and the metal exhaust needs to be placed in a room with "brannklassifisering e60". This already exists on the 1st floor and we will reuse this room. We have a price quote on ventilation and exhaust installation from Fana Blikk. They will also move and reinstall machine-exhaust and ventilation from their current placement at Khib. Although we have not considered installation of ventilation as strictly necessary on other floors, it is on the 1st floor because all the machines use a lot of air for their exhaust system and supplies of fresh air must come in from somewhere for this to function.

Electricity

3fase electricity for machinery must be installed as well as additional lighting. There is enough electricity connected on the floor to run a workshop, and there is a new fuse box.

User access to machines

The machines will be accessed using a smart lock system. This will allow us to give users individual access to specific machines which they have the necessary qualifications to use. This means that it will not be possible to walk into the workshop and start up a machine without having a chip to unlock them. This system must be installed by electricians.

Plumbing

There will be installed two toilets that can be reached both from the workshop and the gallery, as well as a sink in the workshop and a "utslagsvask" in the toilet.

Fire and safety

The space has enough fire escape exits. Today's fire alarm system is connected to the next door building C.Sundtsgate 53. We can reuse the alarms, but we must connect it to a separate system. This cost will be covered by the house owner.

Machines and exhaust ventilation

There will be 26 machines in total for both wood and metal work. Welding equipment, plasma cutter and other metal equipment that needs special ventilation will be in a room separated from the rest of the workshop with air filtrated by Geovent filter. The Coral wood exhaust is insulated and therefore doesn't need to be placed in a "teknisk rom". The control system for this exhaust is run by the Rollair compressor, which automatically opens exhaust when a machine is turned on. This will provide a safe and efficient usage of exhaust ventilation for wood.

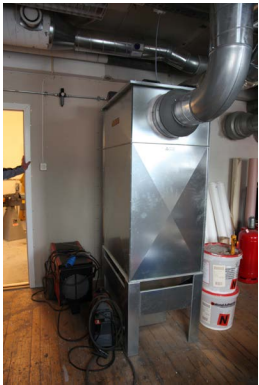
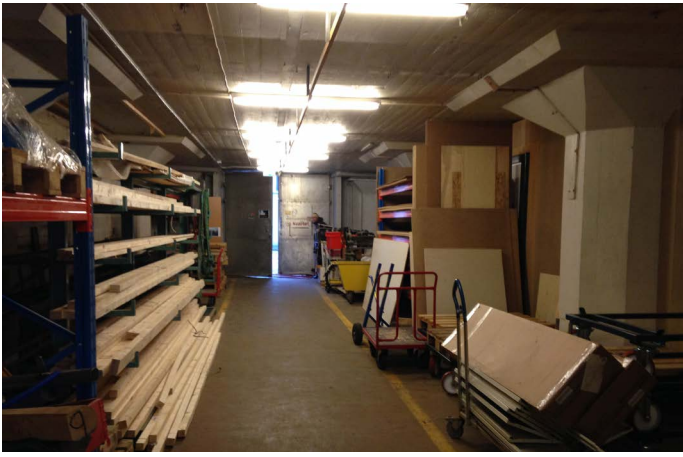
Donation of equipment to the workshop

Khib moves to new premises and will not bring any of their used equipment or inventory. Most of the workshop's equipment and interior needs will be covered by taking over these things either as donations or for a very reduced price. See details in the "Quotes, tenders and donations" document as well as in comments to budget.

Gallery

The area where the gallery is already has good lighting but some lights will need to be moved. It has its own entrance separated from workshop from two sides. There will be access to toilets shared with the workshop. The ventilation of the air in the workshop will not be connected to this room.

IMAGES OF 1ST FLOOR AND DONATED MACHINES



Some of the machines donated from Meidell AS. Plasmakuttebord med Geovent filter, ny i 2015, koster 1.000.000 NOK. Mig sveiseapparat, smergel og pussemaskin, dreiebenk med digitalt display (2005) og fres (2005) samt nesten ny Ercolina rørvalse, ny kantknekke, eldre platevalse og eldre platekutter

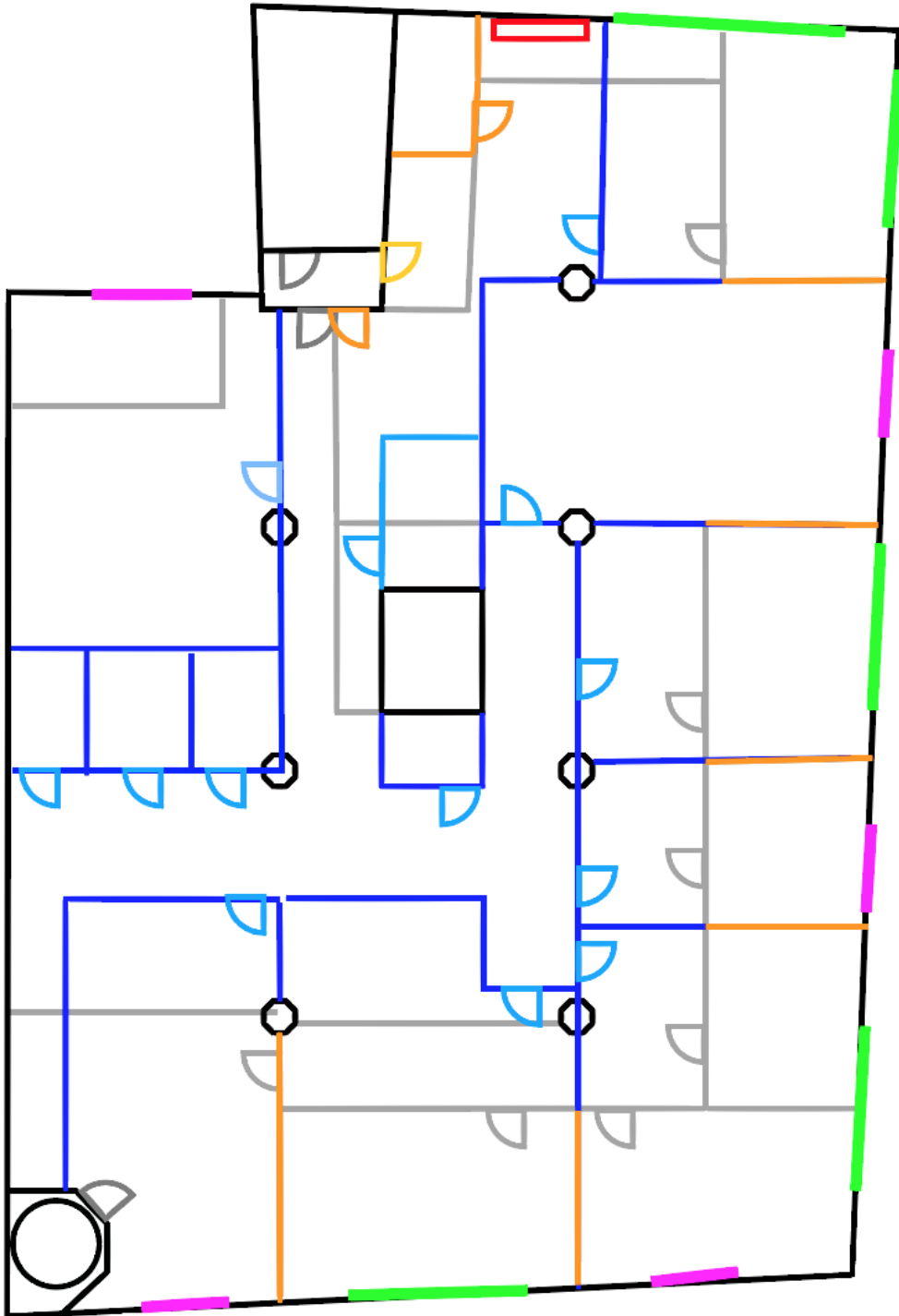
LIST OF DONATED AND QUOTED MACHINES AND THEIR PRELIMINARY PLACEMENT



	Maskintype	Merkenavn	Undermodell	Årsmodell
31	SØYLEBOREMASKIN	Strands	S68	Ukjent
32	KAPPSAG METALL	FMB	ANTARES	Ukjent
33	SMERGEL	ARBOGA	BEP 308	Ukjent
34	BÅNDPUSSER METALL	FEIN	GRIT GX75	2010
35	PLASMAKUTTEBORD MED VIFTE OG FILTER.	GEOVENT	GFB 6-2	2012
36	Vifte plasmafilter	BUSCK	Ukjent	2012
37	Plasmakutter	Ukjent	Ukjent	Ukjent
1	DREIEBENK METALL	PL 360 A/1000		2005
2	FRES METALL	ZX 45		2005
5	RØR OG PROFILVALSE	ERCOLINA		2000
6	PLATEVALSE	LUNA		1990
7	MIG SVEISEAPPARAT	Kempi Kempomat 320		1990
9	Kantknekke	HM 1270x2mm		2014
10	Platesaks	SCHECHTL		1977
12	KANTPUSSEMASKIN TRE	EUROPAC	330	2011
13	BÅNDSAG TRE	GRIGGIO	SNA 600	2010
15	AVSUGSANLEGG MED RØROPPLÉGG OG SPJELD	CORAL	Eurofilter 200	2008
16	SKRUKOMPRESSOR	AIR	Rollair 700	2015
17	SIRKELSAG TRE	FELDER	K700S	2010
23	AVRETTERHØVEL	GRIGGIO	PF530	Ca. 2003
24	TYKKELESSEHØVEL	GRIGGIO	PSD 630	Ca. 2003
25	TO STK. LUFTVASKERE UNDER HIMLING	JET	Ukjent	Ca. 2010
27	PUSSERULL	JET		Ca. 2005
28	FRES	ROJEK	FSN 300A	Ca. 2005
29	OSCILLERENDE LANGHULBORR	BACCI	Ukjent	Ca. 45 år

- ┌ Existing Walls And Doors to Stay
- ┌ New Walls And Doors
- ▬ Full Size Windows
- ▬ Half Size Windows
- New Toilet
- New Sink
- Existing Sink

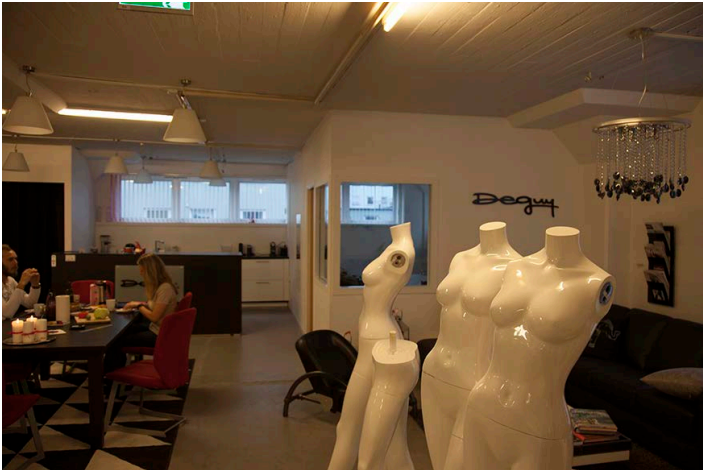
PLAN 5



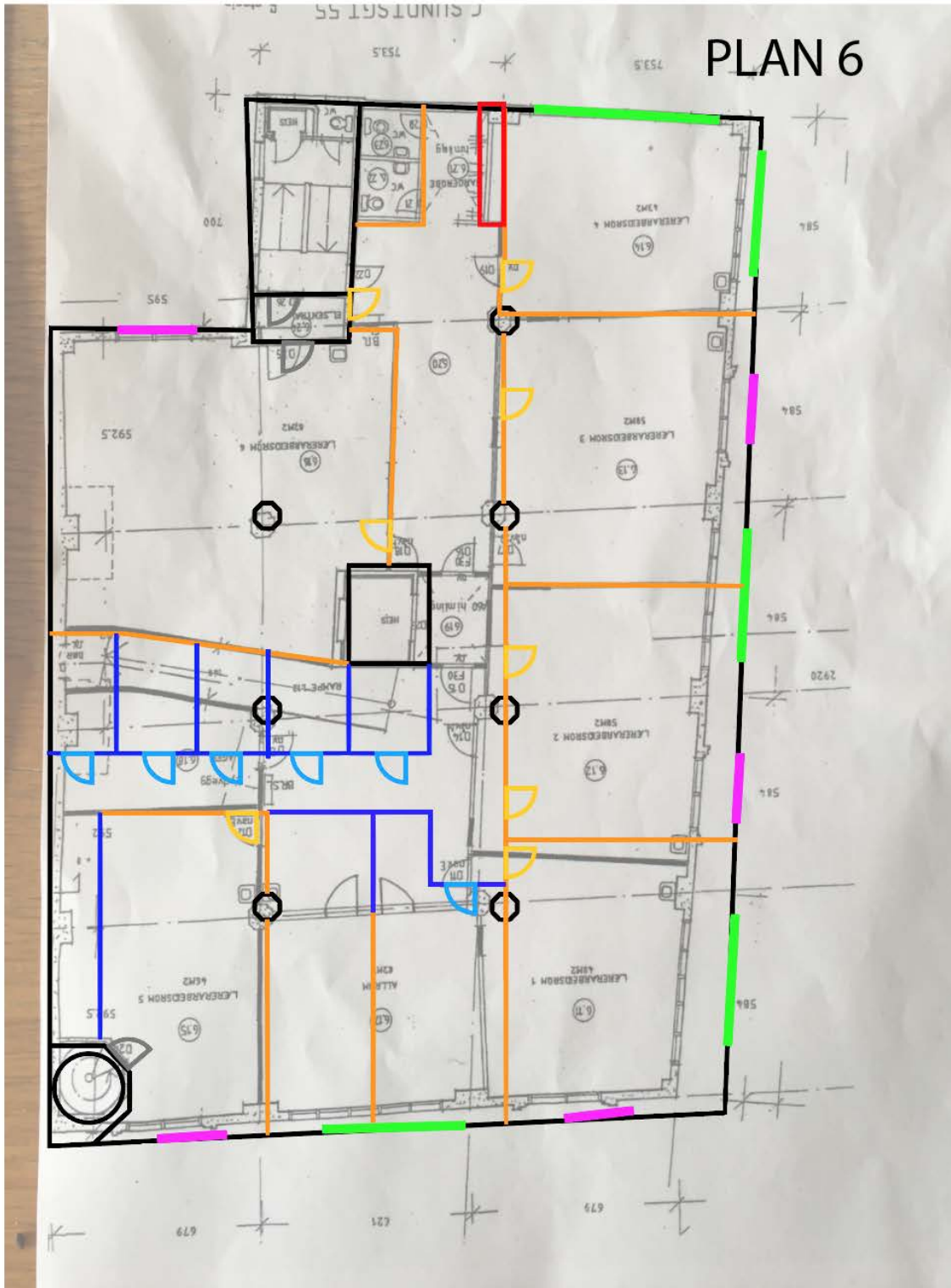
TASK LIST 5TH FLOOR

- Take down and build up walls according to plan drawings
- Some extra lights for rooms that become bigger than before
- No work with ventilation
- No installation of toilet
- Moving and reinstalling of kitchen
- We will reuse existing fire alarms

The 5th floor is today used as offices and storage for a clothing company. We will keep part of the room partition, extend some rooms out from the outer walls, and use the existing lights in the space as far as possible. We estimate that we can reuse 70% of the lights and that we have to put in some new ones. This is a relatively open floor where we don't need to tear down many walls before we start rebuilding. We will need to move the kitchen



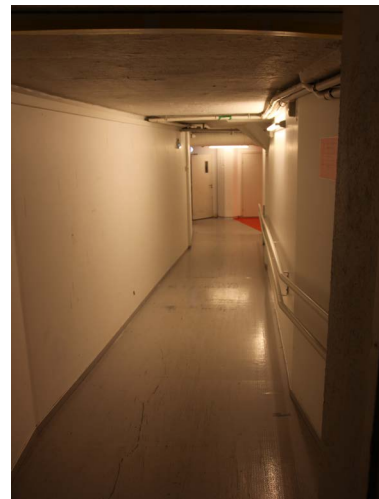
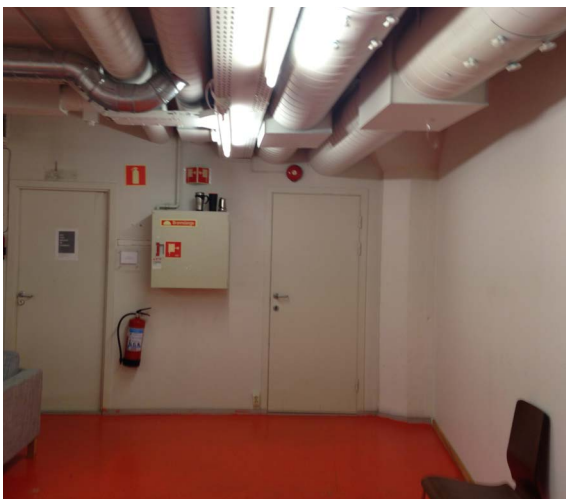
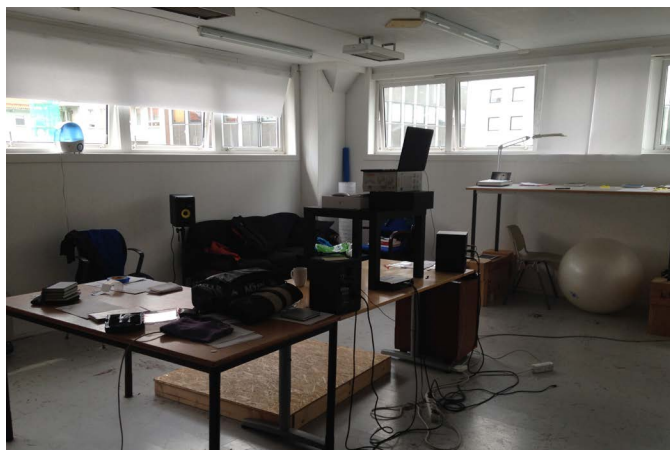
- ┌ Existing Walls And Doors to Stay
- ┌ New Walls And Doors
- ▬ Full Size Windows
- ▬ Half Size Windows
- New Toilet
- New Sink
- Existing Sink



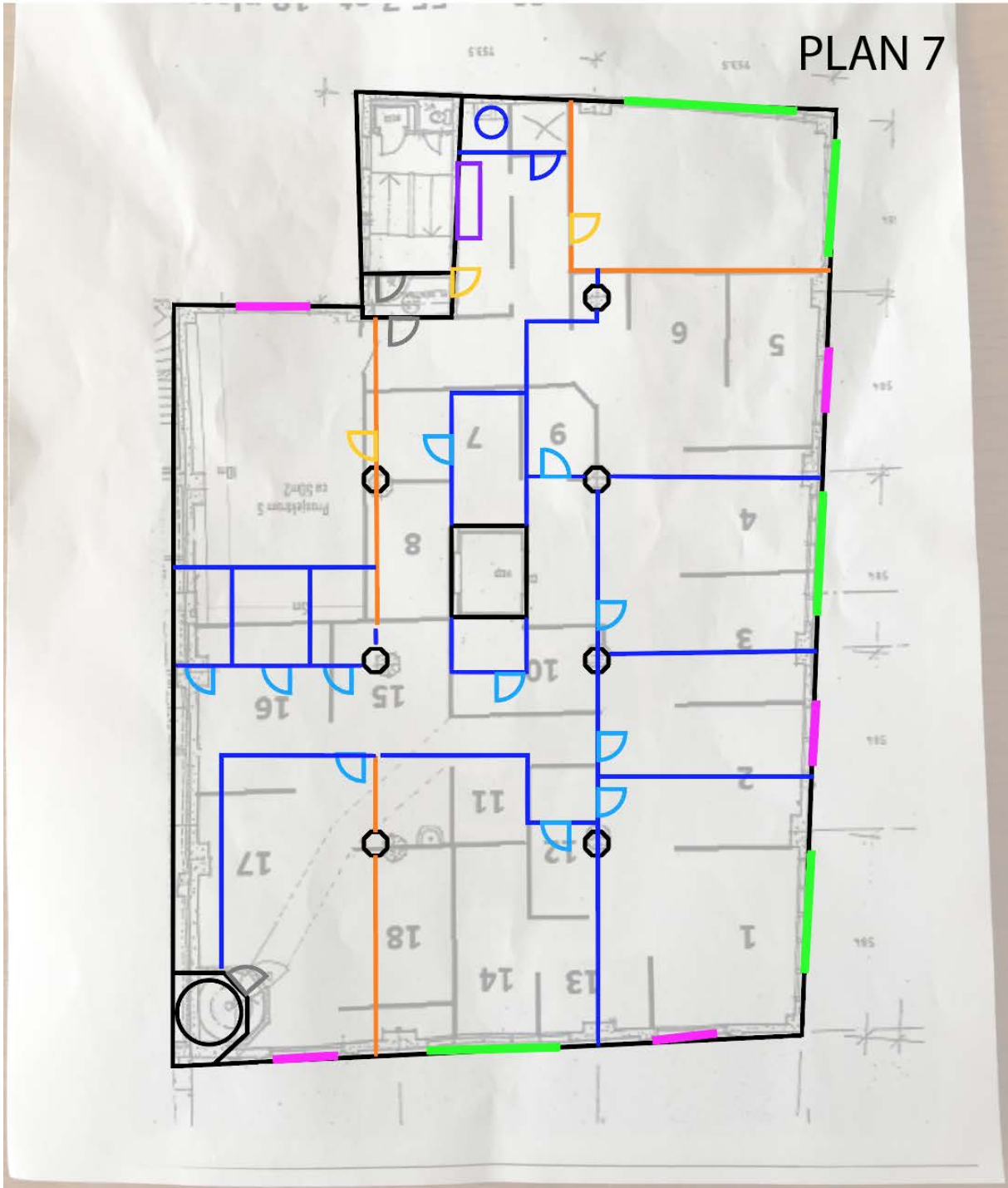
TASK LIST 6TH FLOOR

- Take down and build up walls according to plan drawings
- Adjust lights in the ceiling to fit new rooms
- Remove ramp into nextdoor building cs53
- Reconfigure fire alarms (existing system is connected to cs53)
- Toilet and kitchen will be kept how it is
- New fuse box

This floor is today connected to the building next door C.Sundtsgate 53, also Kunst og Designhøgskolen i Bergen with the ramp seen in the bottom right hand image. The ramp must be removed, the opening closed off and this and the area with the red floor reconfigured. Many of the existing rooms are today used as offices and studios for professors at KHIB and needs very little work to be turned into artist studios. We will do as little as possible with ventilation, but there are already some tubes and an existing system getting air through the cs53 building which could possibly be extended at a later stage if necessary. There are fire alarms, but they are connected to cs53 and we have to connect it to our own system. The fusebox is old with ceramic fuses and we would like to replace this with a new fuse box.



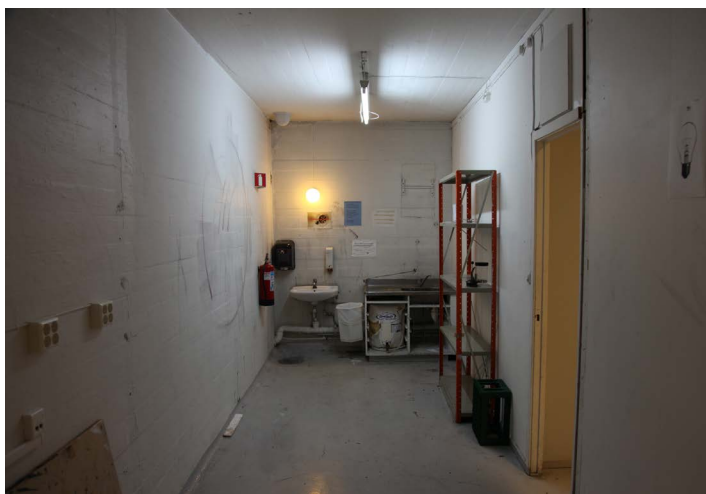
- └ Existing Walls And Doors to Stay
 — Full Size Windows
- └ New Walls And Doors
 — Half Size Windows
- New Toilet
 New Sink
 Existing Sink



7TH FLOOR TASK LIST

- Remove and build up walls according to plan drawings
- Put up new cables for lights to fit new rooms
- Do as little as we need with ventilation
- Landlord will pay to install new toilet
- Install kitchen sink after they remove existing one

This floor is today used as studios for master students at KHIB. It is more or less an open space with no full walls, so all existing half-walls will be taken down and replaced according to plan drawings. On this floor apparently the electricity is "a mess," so we must stretch new cables all over. We will reuse the existing lights as far as possible. The existing lights have been changed since a new regulation prohibits PCB. Here is an old fuse box which should be replaced with a new one. On the wall facing the water there is a big ventilation tube going out with the exposed tubes, something which means at a later stage we can improve ventilation easily. This floor has a existing and functional fire alarm system which will not need alteration or upgrade.



THE 4TH FLOOR

This floor is today part of artist collective Kunstnerverksteder Cs55 and is not included in our project, but functions as an overall model for how we want to organize floor 5, 6 and 7. One difference is that we want windows/plexi glass on the top part of the walls that face into the middle of the space so that we can get more daylight into the center area of each floor. Another difference is that we will place the kitchen and toilet according to where water is already installed so it will not be in the same spot.

