



# Meeting Report

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**Type of meeting:** Planned meeting

**Date:** 14.09.17

**Time:** 15:19

**Place:** Classroom SD2.2.11

**Members invited:** Luka Lecic, Karlis Zemitis, Andrew Moturi, Son Vu

## Meeting report:

### 1) Requirements

- a) Handicapped friendly only entrance
- b) Commercial area bathroom has to be disabled-friendly
- c) Main staircase and it's walls have to be unchanged
- d) Entrance on the front facade
- e) Rear staircase used for expansion
- f) Extension has be 8-10 m<sup>2</sup> per apartment
- g) Extension has to be lightweight construction
- h) Commercial area load bearing walls have to be removed and made into column - beam system
- i) Clear the courtyard

### 2) Concepts

- a) Chimneys in solar tubes
- b) Universal office spaces
- c) Terrace
- d) Level free entry like Karlis

### 3) What to add

- a) Make a list of non-handicapped people from apartments

### 4) Problems

- a) People not vocal enough about things we have to do; issue was raised
- b) Revit model quality



# Meeting Report

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**Type of meeting:** Planned meeting

**Date:** 20.09.17

**Time:** 13:30h

**Place:** Classroom SD2.2.11

**Members invited:** Luka Lečić, Karlis Zemitis, Andrew Moturi, Son Vu

## Meeting report:

- 1) Concept of choice
  - Decision upon which idea for ground floor should be used
  - Design of extension area
- 2) Material List
  - Analysis of the building materials
  - Quality assessment for the extension
- 3) Loadbearing Assignment
  - Analysis of the construction
  - Research from the presentations and internet
  - Dividing the tasks
- 4) Building Services Assignment - Case Evaluation
  - Dividing the tasks

# Meeting Report

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**Type of meeting:** Planned meeting

**Date:** 26.09.2017

**Time:** 15:15

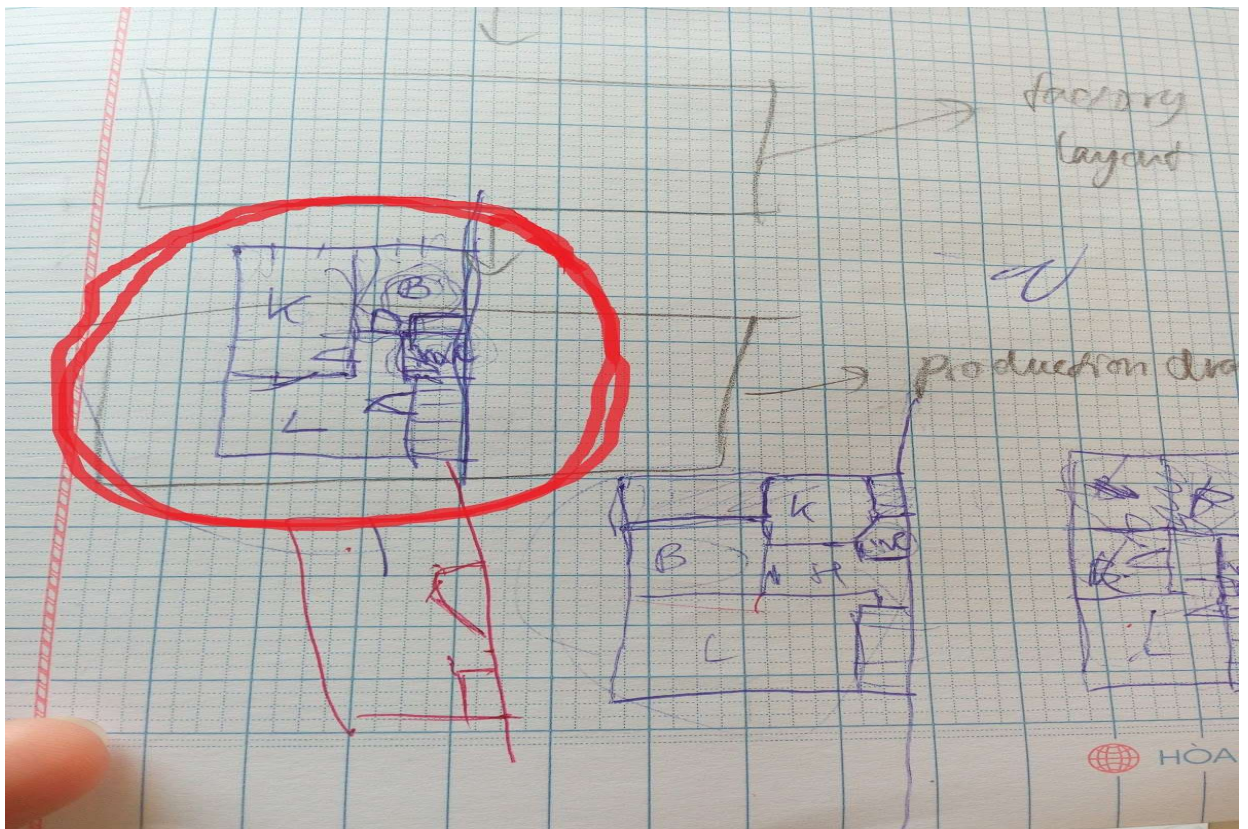
**Place:** Classroom SD2.2.11

**Members invited:** Luka Lecic, Karlis Zemitis, Andrew Moturi, Son Vu

**Corrections from previous meeting:** No corrections necessary

## Meeting report:

- 1) Roof does not change because it is too expensive
- 2) Extension used as penthouse balcony
- 3) New apartment plan sketch agreed on.





4) We decided to go with following thicknesses:

- a) Façade walls: 120mm
- b) Foundation: 200mm
- c) Roof/storey partition: 160mm

We decided to insulate storey partition between mansard and attic, rather than roof. Because we still need to add insulation between mansard and attic for sound insulation purposes.



# Meeting Report

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**Type of meeting:** Planned meeting

**Date:** 02.10.17

**Time:** 13:00

**Place:** Classroom SD2.2.11

**Members invited:** Luka Lecic, Karlis Zemitis, Andrew Moturi, Son Vu

**Corrections from previous meeting:** No corrections necessary

**Meeting report:**

- 1) Flooring
  - a) Kitchen: fully tiled for easier cleaning
  - b) Bathroom: fully tiled for water proofing
  - c) Bedrooms: laminated for easy dust cleaning
  - d) Living room: timber; old flooring re-sawed
  - e) Dining room: timber; old flooring re-sawed
- 2) Extension
  - a) PVC cladding over
    - i) timber cladding because timber cladding will raise rust problems in the steel construction
    - ii) sheet steel cladding because of the sound properties; during rainfall steel facade will make a lot more noise than PVC
  - b) Top of the extension used as a balcony(as stated in previous meeting report)
    - i) balcony is asphalt paper with composite decking for better look and feel
- 3) Ventilation
  - a) Each apartment will have its own ventilation system because:
    - i) tenants can have control over their indoor climate
    - ii) keep space which would be used for a large shaft
    - iii) redundancy; if one malfunctions rest of the apartments are not affected
- 4) Roof will require snow barriers on the facade side due to having the balcony



# Meeting Report

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**Type of meeting:** Planned meeting

**Date:** 09.10.17

**Time:** 12:07

**Place:** Classroom SD2.2.11

**Members invited:** Luka Lecic, Karlis Zemitis, Andrew Moturi, Son Vu

**Corrections from previous meeting:**

1. PVC cladding idea will not be used as it introduces extra cost for no benefit and sound issues.

**Meeting report:**

- 1) Extension will be constructed in following way:
  - a) Kingspan sandwich panel - IPN 100mm
  - b) Mineral insulation
  - c) Plasterboard(2 layers)
- 2) Front facade
  - a) 120mm insulation so that we don't have moisture problems and use most rentable solution; u value of 0,25 which does not comply with BR15 but because of moisture problems that higher amount of insulation will introduce, we can ignore U-value requirement for front facade and provide lower U-value for the extension



# Meeting Report

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**Type of meeting:** Planned meeting

**Date:** 22.10.17

**Time:** 12:00

**Place:** Aalborg library

**Members invited:** Luka Lecic, Karlis Zemitis, Andrew Moturi, Son Vu

**Corrections from previous meeting:** According to Ayser, we **must** comply with building regulations for front facade as well.

## Meeting report:

- 1) Contract type
  - a) Main contractor. We considered Total and Turnkey as well. Reasons:
    - i) Less risk for not meeting the deadline or problems in coordination
    - ii) Client is not interested in details of the construction
    - iii) Client has no preference in contractors
    - iv) In case of problems, one company can be hold accountable
    - v) Faster construction time
- 2) End-insulation thickness(mineral) on both facades and storey partitions
  - a) Bottom extension storey partition - **100mm** sandwich panel and **220mm** insulation, **u value=0,09**.
  - b) Top extension storey partition - **100mm** sandwich panel and **220mm** insulation, sloped **50mm** hard insulation, **u value=0,08**
  - c) Existing facade, for now **220mm**, **u value=0,15**
  - d) Extension facade, sandwich panel **100mm**, **100mm** mineral insulation, **70mm** insulation for fire safety on inside, **u value=0,10**
  - e) Basement walls, **220mm** mineral insulation
  - f) Storey partition to the ventilated attic. 220mm insulation, **u-value=0,12**
- 3) Risk management
  - a) Moved to meeting on Monday 23rd of October, 13:00
- 4) CPM
  - a) together with risk management
- 5) Divide presentation





a) After tomorrow presentation



# Meeting Report

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**Type of meeting:** Planned meeting

**Date:** 25.10.17

**Time:** 10:00

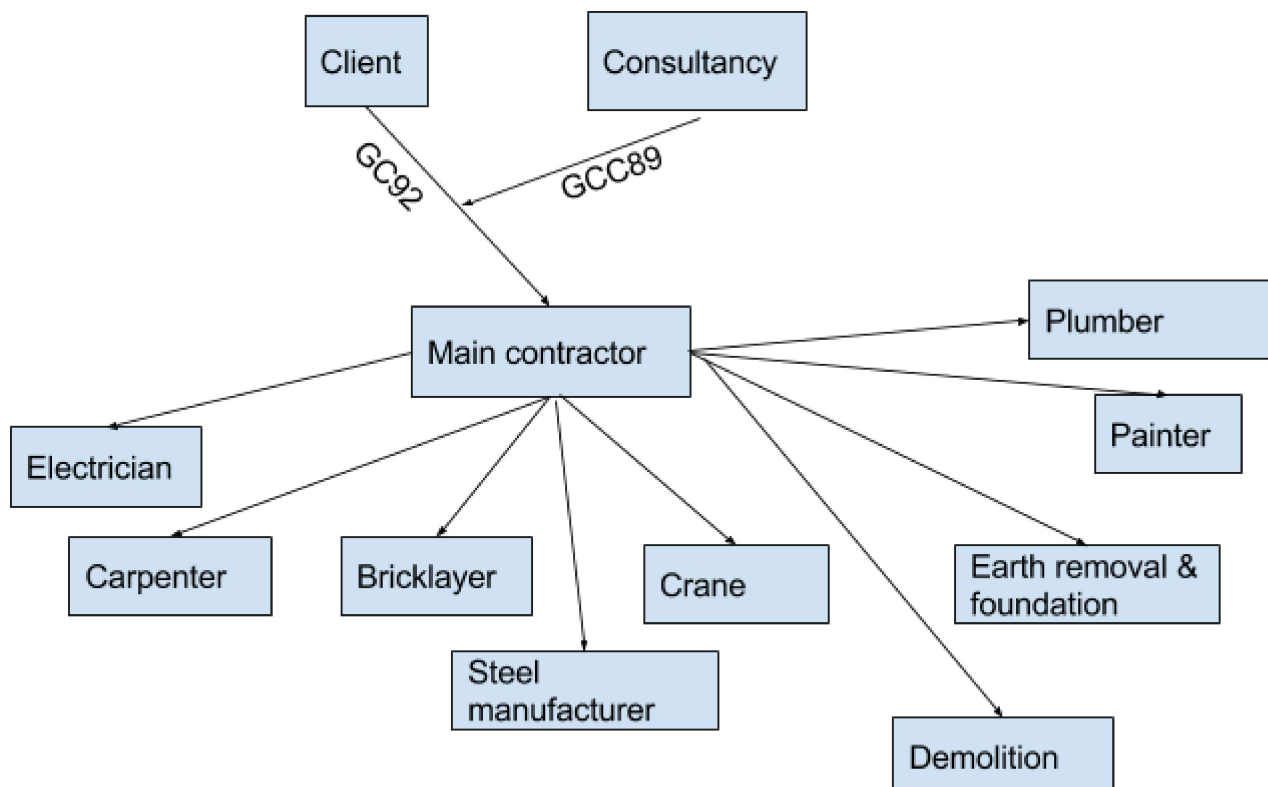
**Place:** Classroom SD2.2.11

**Members invited:** Luka Lecic, Karlis Zemitis, Andrew Moturi, Son Vu

**Corrections from previous meeting:** No corrections necessary

**Meeting report:**

1) Contractor structure



2) Individual part choices:

- a) Karlis: Extension steel structure
- b) Son: Extension wall



c) Andrew:

d) Luka:

- 3) CPM in MS Project
  - a) Add things as we go
  - b) shared on Hold drive in the same folder as Revit file
  - c) add holiday periods
- 4) Moisture calculation
  - a) Two moisture calculations for front facade(one for bricks, one for insulation)
  - b) check SBi for facade moisture(must be a certain limit of insulation)
- 5) Sound
  - a) DS 410 for sound; find pdf
- 6) Ventilation plan
  - a) with calculations
  - b) sizing of apparatus
- 7) Shaft analysis
  - a) sizes, distances, insulation amount
- 8) Swap toilet and office