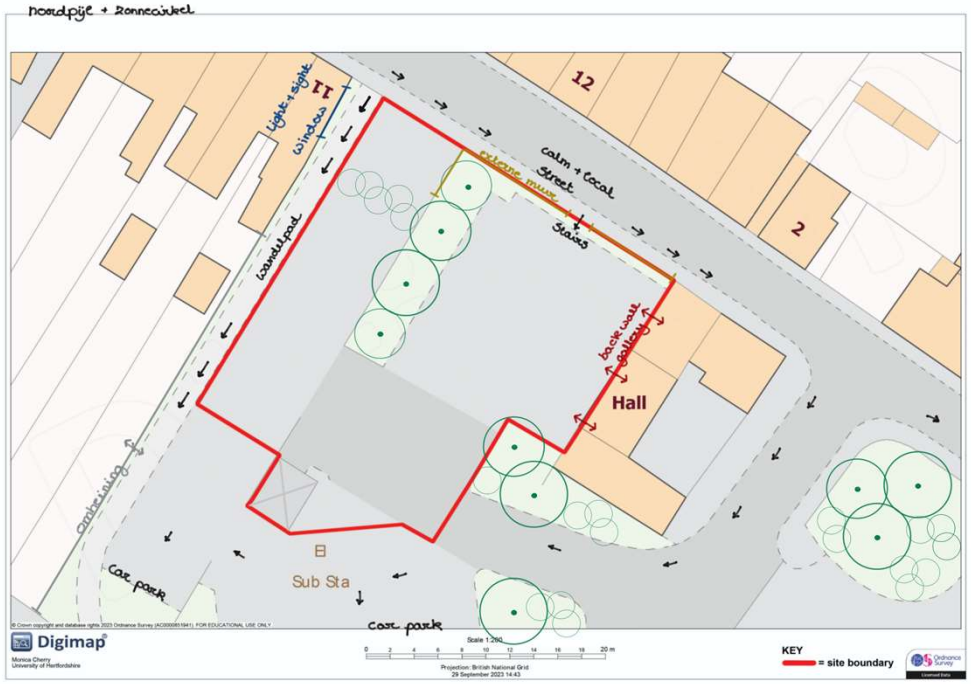
DESIGN JOURNAL 2023/24 SEMESTER A

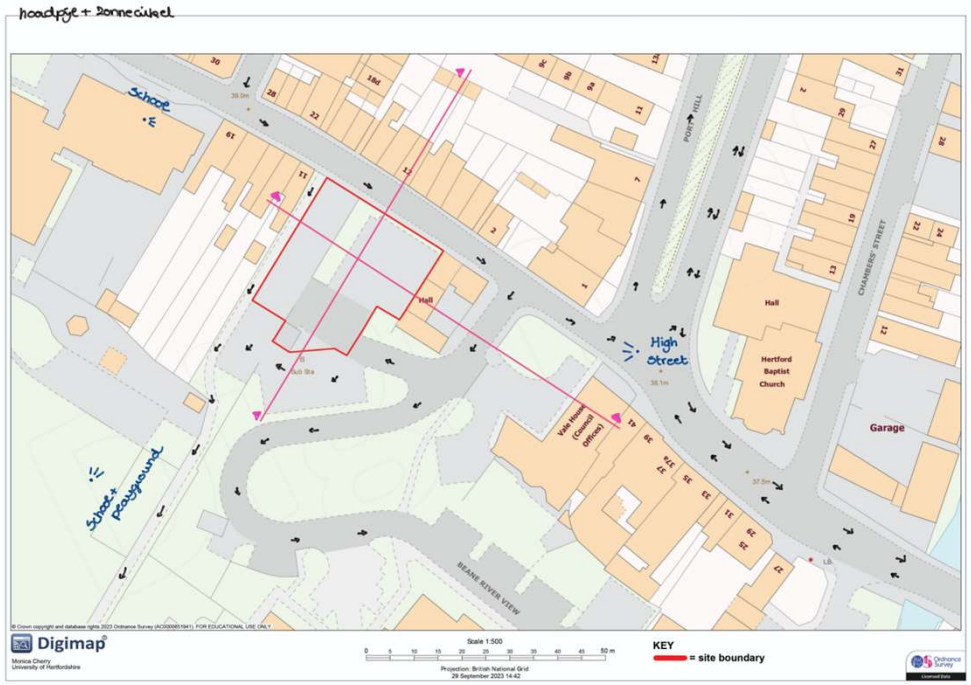
Emma Senesael
Architecture

Architectural Design Studio 2
5CTA1141-0906-2023

Unit: 1
Monica Cherry

Community Arts Centre





02/10/23 WK 1

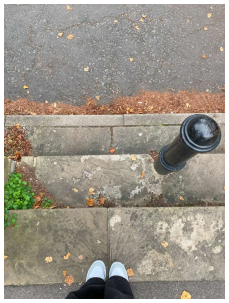
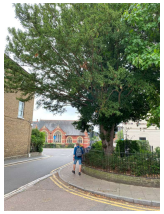
Online Research:

DEMOGRAPHIC DATA:
- All ages go to the courtyard's art.
- A lot of elderly living in the area + families with young children.
- The ground is flat so there is a lot of accessibility for people wit disabilities.

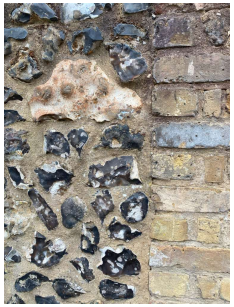
SITE ANALYSIS :
- North Upside of the map + Sun – **Shadow analysis** (PAGE3)
- The wind heading Northeast.
- **Climate – Cfb Temperate, No dry season, Warm summer**
- There is noise from: Primary school +Playground + Highstreet
- There is a lot of greenery nearby
- **Walking patterns:**
  - **People use a lot of times the footpath connected to the car park**
  - **Small road only people that need to be there are going to be there**
- Neighbor has window close to footpath – right for sunlight + sight

TEXTURE AND MATERIALS:
- **Brick: light colored yellow brick – gives the area an old town feeling**
- **Black iron/steel gates**
- **Stones in brick wall for walls on the site boundary – creates a texture**
- Glass







2 / VISIT OF THE SITE – COMMUNITY ARTS CENTRE – SITE ANALYSIS

02/10/23 WK 1

PLAN 1/500 – SECTIONS + NOISE + NORTH



	HOUSES		STREET
	BUILDINGS		SIDEWALK
	BUILDING GROUND		PEDESTRIAN
	GREEN		PRIVATE GARDEN

SITE ANALYSIS: SUN + WIND + NORTH

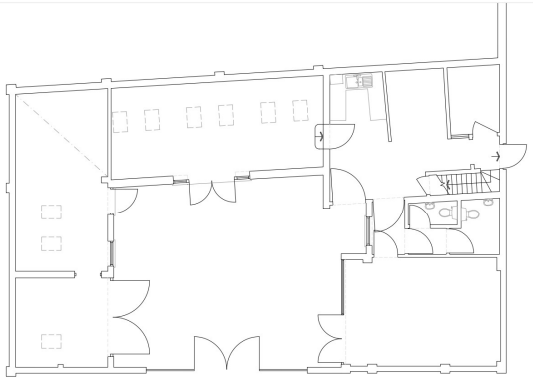


SITE ANALYSIS: VEGITATION + VIEW

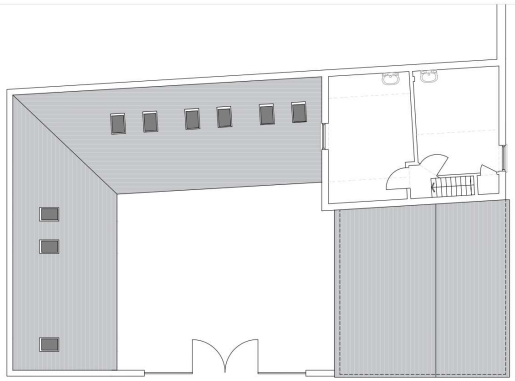


SITE ANALYSIS: MOVEMENT PATTERN



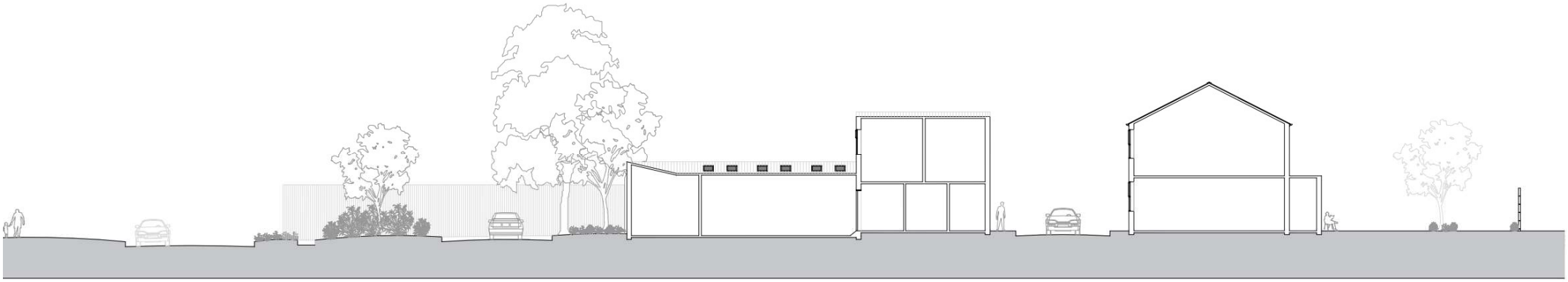


FLOORPLAN COURTYARD ARTS CENTRE



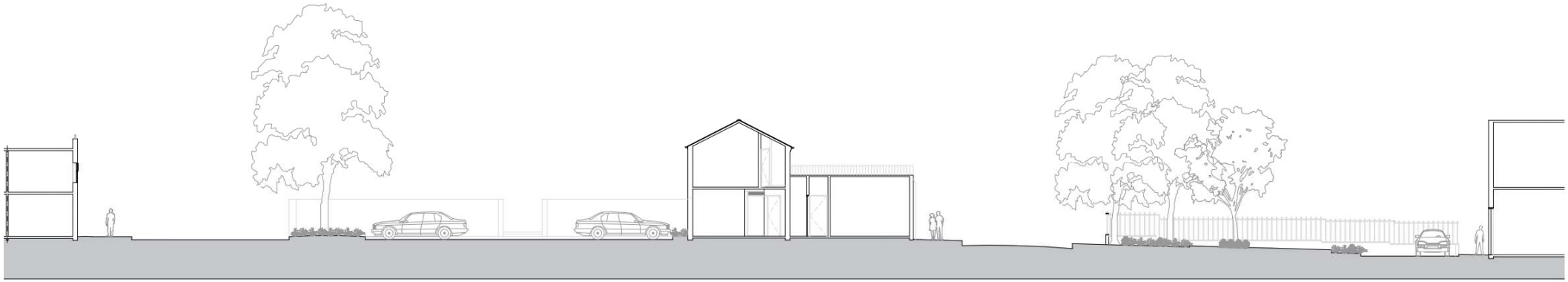
1ST FLOOR COURTYARD ARTS CENTRE

02/10/23 **WK 1**



SECTION AA’

COURTYARD ARTS CENTRE



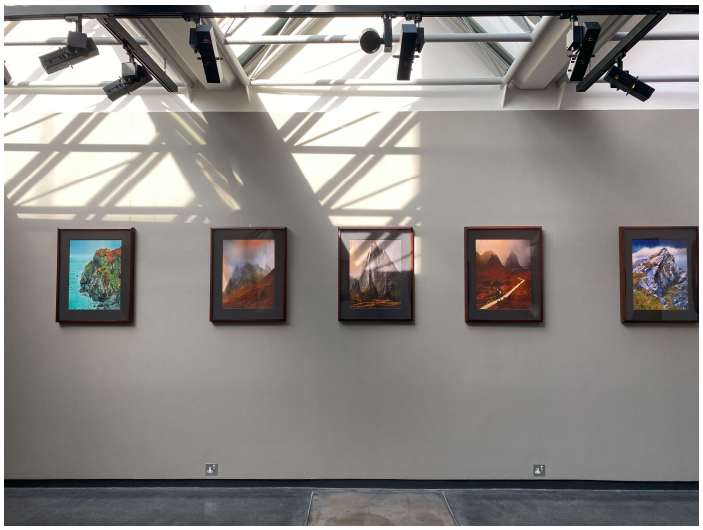
SECTION BB’

COURTYARD ARTS CENTRE

09/10/23 WK 2

What off this gallery could I use in my own design:

Sunlight falls from above to highlight the pictures – Think about how I want the sunlight to fall inside my building
This is depending on which kind of art I want to show – sculptures vs. paintings



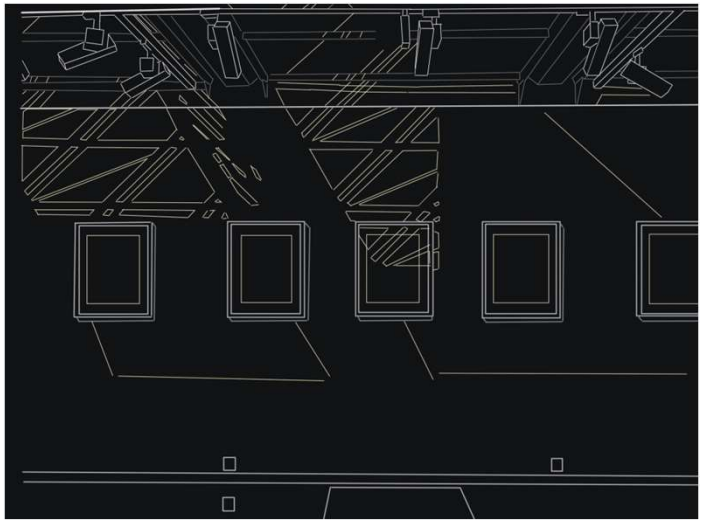
COLOR PHOTO – GALLERY **(LIGHT)**



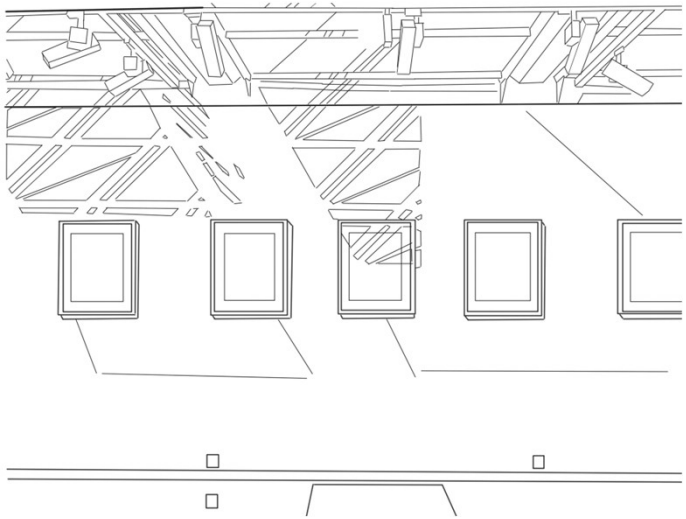
BLACK-WHITE PHOTO – GALLERY **(LIGHT)**



BLACK-WHITE EDITED PHOTO – GALLERY **(LIGHT)**



BLACK SKETCH – GALLERY



WHITE SKETCH – GALLERY



PHOTOSHOP SKETCH – GALLERY

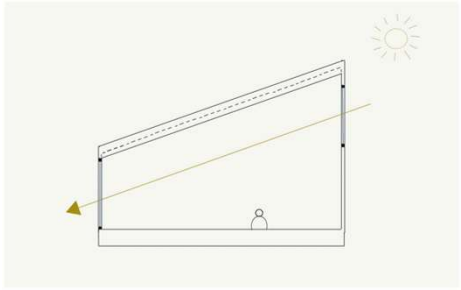
5 / SKETCHES OF THE ART GALLERY – HAMILTON GALLERY

Referencing: Pintos, P. (2021). 'Sand end Arts & community centre /Mae architects. [online] available at: https://www.archdaily.com/956985/sands-end-arts-and-community-centre-mae-architects [Accessed: 12 October 2023].

Light from above – north light







09/10/23 WK 2

Online Research:

BUILDING IS MADE OFF RECYCLED MATERIALS :
- CLT timber structure.

FEELING OF ROOMS:
- **adds to this effect drawing light in from above**
- **Each space will have its own distinct and intimate character.**
  where structure and landscape were closely intertwined.

- expressed timber roof construction gives a natural lightness to the space.
- Lit by large north facing clerestory glazing to give a consistent light

ENTERY:
brick pavers and ground surfaces establish a pedestrian link between the site and the park.

Progressing to the lobby at the heart of the center is a base from which users can continue their explorations; to the cafe, common room, hall and other facilities.

GREENERY:
New planting, trees, hedges, green walls and wildlife habitats, create a shaded retreat from the street while enhancing the local biodiversity.

Wall to create shaded retreat





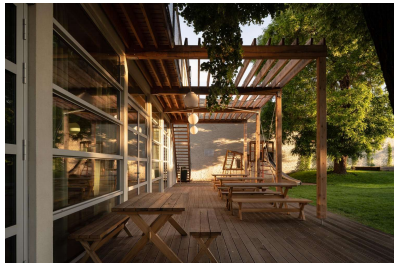
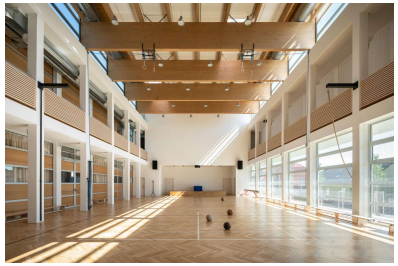
Pinterest inspiration for project

Inside garden – connected to the park



6 / SAND END ARTS COMMUNITY CENTER ANALYSIS

09/10/23 WK 2

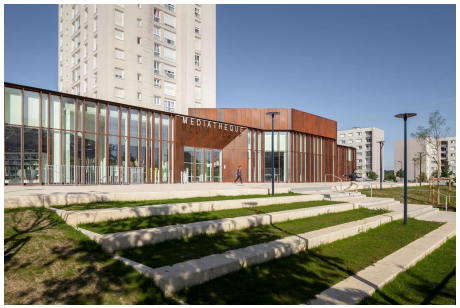







Inspiration pictures of other community centres

The albert Schweitzer community centre:
- Defused light inside the building
- Contrast use of materials on the outside vs inside





Online sources:

https://www.archdaily.com/1005848/sokec-community-cultural-center-caraz?ad_source=search&ad_medium=projects_tab

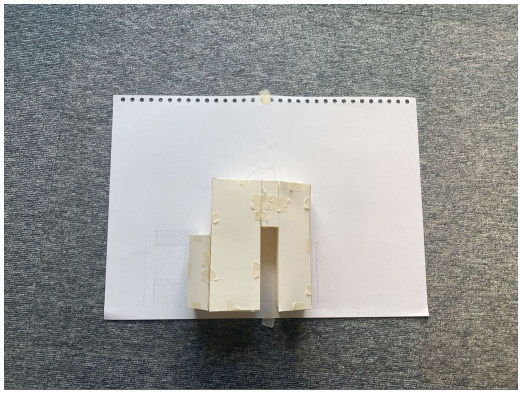
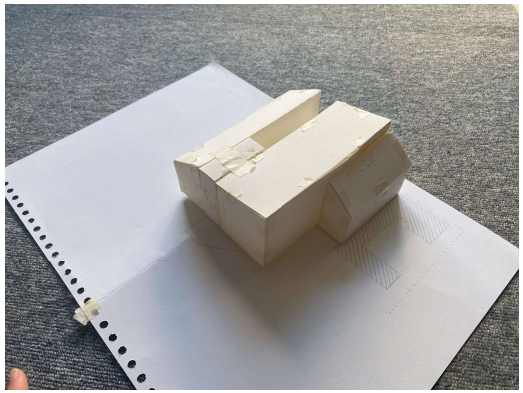
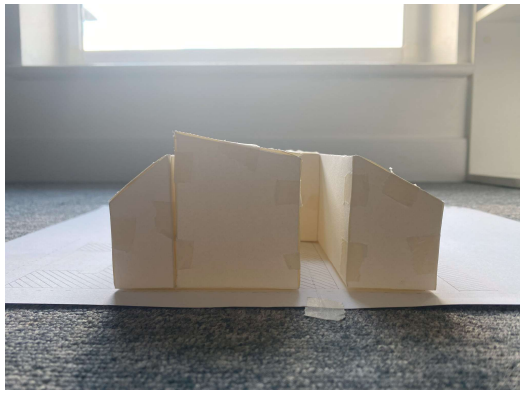
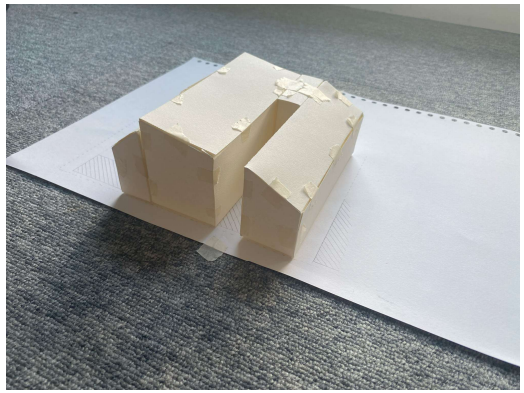
https://www.archdaily.com/774237/community-centre-in-billere-bandapar-architecture?ad_source=search&ad_medium=projects_tab

https://www.archdaily.com/883216/community-centre-altenessen-heinrich-boll-architekt?ad_source=search&ad_medium=projects_tab

https://www.archdaily.com/925346/the-albert-schweitzer-community-centre-mobile-architectural-office?ad_source=search&ad_medium=projects_tab

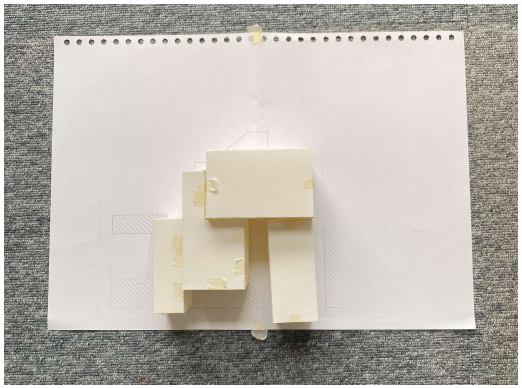
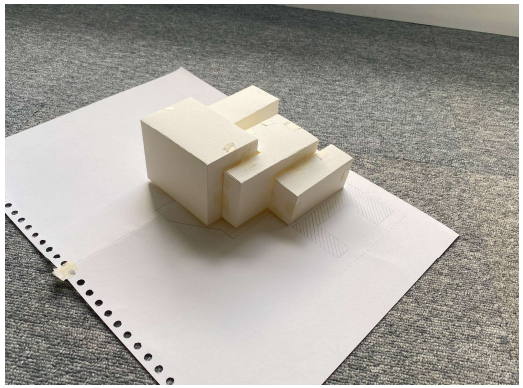
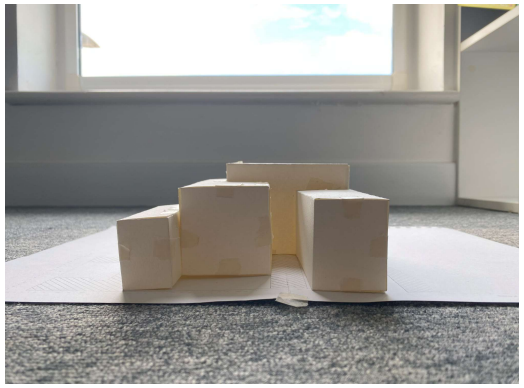
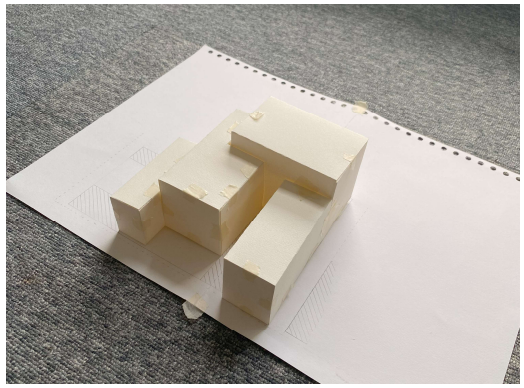
Referencing: Pintos, P. (2019). 'The Albert Schweitzer Community Centre / mobile architectural office'. [online] available at: https://www.archdaily.com/925346/the-albert-schweitzer-community-centre-mobile-architectural-office [Accessed: 12 October 2023]

09/10/23 WK 2

PAPER MODEL 1:
- Lower part to connect the height + roof shape to the courtyard arts hall
- Lower part to make sure the neighbour has view + sunlight
- Open part in the middle for tree's

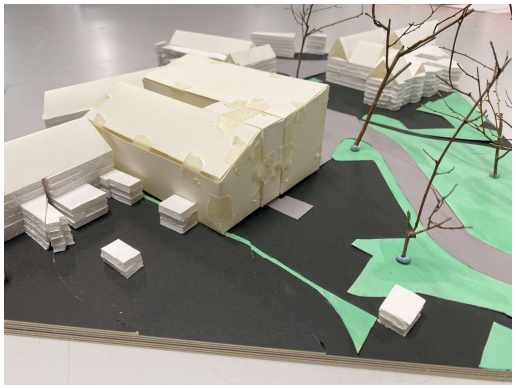
- Shapes of the roofs looks nice - front & back view
- Dislike the general shape of the building
- Dislike no privacy – cozy garden

PAPER MODEL 2:
- Lower part to connect the height + roof shape to the courtyard arts hall
- Lower part to make sure the neighbour has view + sunlight
- Open part in the middle for tree's

- Flat roof shape is a modern way
- Way of creating private gardens
- Dislike the general shape of the building

16/10/23 WK 3






MASSING MODEL 1






MASSING MODEL 2

Will your building sit tight with the existing structure, or step away from it?
My vision is to make a contemporary building next to the already existing building. To create a new view in the streets and make sure the building pop's out.

Will you include outdoor spaces between the existing and new structures – a gap, a slot or a courtyard?
At the moment there is no outdoor space between the existing and new structure, once I start sketching, I might think about that…

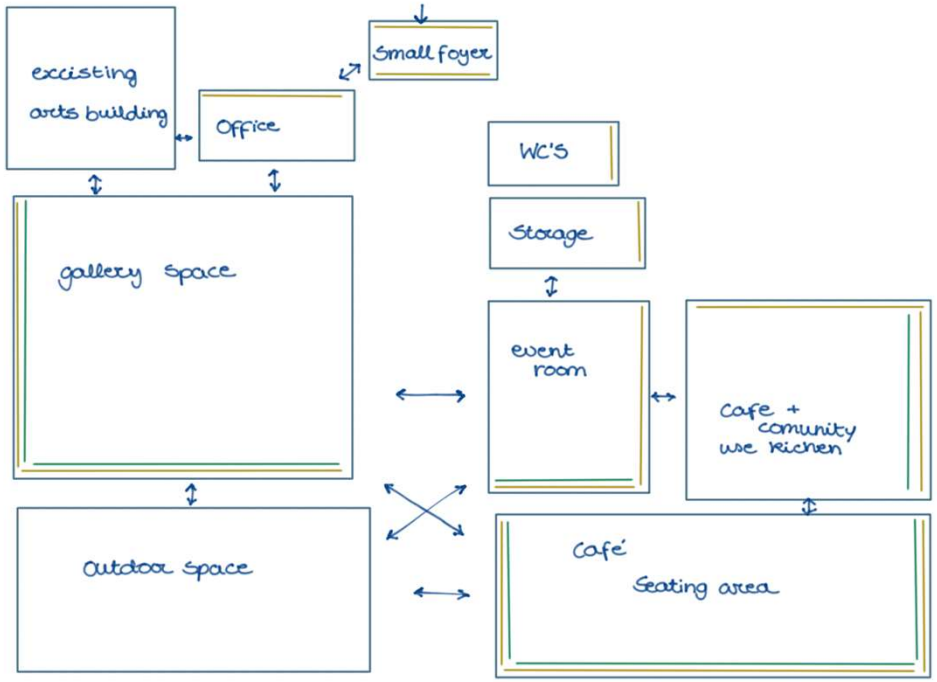
Are you going to build a tall, stay small or mix a bit of both?
My vision is to create a building a mix between tall and small.

What's the roof form going to be like?
At the moment I am thinking for a flat roof, to create more a contemporary feeling.

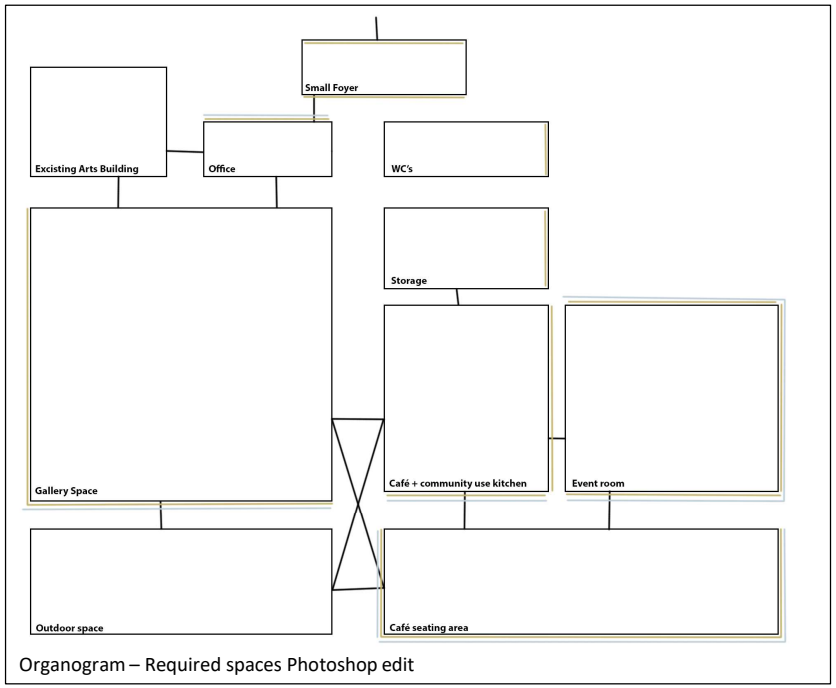
9 / SERIES OF BUILDING MASSING OPTIONS ON THE SITE MODEL

SOME TIPS TO HELP YOU PROGRESS:

- Link your building with its surroundings
- Draw your design in context
- Design your façades with care
- work through several iterations of possible sketch designs and think carefully as you go
- Design for natural light and ventilation
- Create a building that caters for younger and older people, and those with **additional accessibility needs.**
- Create a building that showcases sustainable materials



Organogram – Required spaces sketch



Organogram – Required spaces Photoshop edit

ORGANOGRAM – REQUIRED SPACES:

- Small foyer
- WC's – 1 accessible/unisex
- One small office (approx. 10 sqm)
- Storage (approx. 10sqm)
- Gallery Space (approx. 100sqm), with furniture for exhibition layout + to include double or triple height spaces
- Event room – indoor event room for up to 100 people, for community parties and/or lectures.
- Outdoor space interacting with the building
- Café + community use kitchen (approx. 30sqm)
- Café seating area (approx. 60sqm) – with access to a pleasant outdoor seating area
- Circulation space – horizontal and vertical accessible
- link to existing arts building – located somewhere its northwest external wall
- 8 cycle parking spaces

Link the buildings with the surroundings:
Yellow: Sunlight
Green: View

1

23/10/23 WK 4



DESIGN DISCUSSION RECORD

11 / 1ST CRIT PRESENTATION

1

23/10/23 WK 4

DESIGN DISCUSSION RECORD

MAIN POINTS OF DESIGN DISCUSSION (FEEDBACK):

Personal Notes:

Describe with arrows + color NOT text. -> Analytical diagrams
Sunpath do shadows -> Make shadow analysis tells more

Make rectangle bigger – divide page in two parts…
Finish the concept model + Massing model + Design process

Design process = sketches + materials -> Inspiration page
Atmosphere and character, contemporary building outside
Noise connect to photo's on site analysis
Passageway between the tree's – else long journey

Personal CRIT feedback:
Good connections between precedent & existing building
Quality good

Sketches could be improved: arrows & show sun light – on analysis connect sun + arrow
Emphasize routes – Density
Character analysis (materials + history + …)
Show shadows on site analysis

Teacher Notes:

Always include your name on your display for Design Discussions

Generally, as standard, all students should be remembering N points (on plan, project title, drawing title, scales, scale bars, etc. – every drawing, every time.

Site Analysis – this needs improvement generally across the year group:
Look at other students/professional work online to improve your skills in this area

https://www.presidentsmedals.com/Links to an external site.

Sita Analysis leads to identification of Opportunities & Constraints relating to your site
(make a site plan identifying these). Opportunities & constraints then inform the next stage – Design

Remember site character / grain / texture & materials / history – i.e., the sensory experience of being in the place of the site.

More generally:
- Analytical sketches –use these to reduce blocks of written text as much as possible. This is of relevance for site analysis work, precedent analysis work, design development, etc.

- Properly reference all precedent – What's the building name? Where is it located? Who's the designer? Where are you getting your images and text from? (Harvard referencing system).

- All photos should have captions, always
- Site sections – both drawings must include the context to either side of the site
- Site models – complete any unfinished work. The surrounding roofscapes is essential to properly convey character.

1

23/10/23 WK 4

DESIGN DISCUSSION RECORD

MAIN AREAS TO ADDRESS TO TAKE MY DESIGN FORWARD (FEEDFORWARD):

FINISH:
CONCEPT MODEL
MASSING MODEL
DESIGN PROCES:
– SKETCHES + MATERIALS
- PASSAGE WAY BETWEEN TREE'S

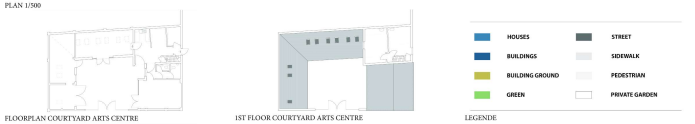
GENERAL:
ALWAYS INCLUDE YOUR NAME
DRAWING TITLES + SCALE BARS

ALL PHOTO'S SHOULD HAVE CAPTIONS



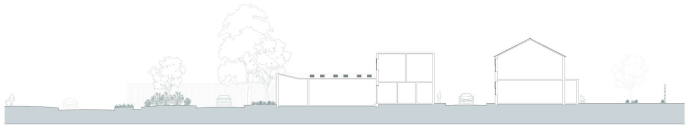
SKETCH ART GALLERY - HAMELTON GALLERY





SHOW MORE OF ATHMOSPERE AND CHARACTER
CHARACTER ANALYSIS: MATERIALS + HISTORY + ...







SHADOW ANALYSIS

ARROWS + BIGGER MOVEMENT + DENSITY

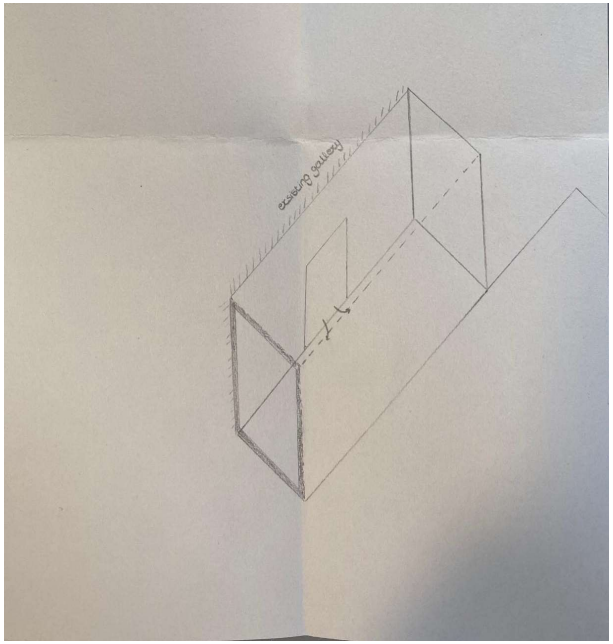


DEVIDE + FINISH – ADD TEXT INFORMATION

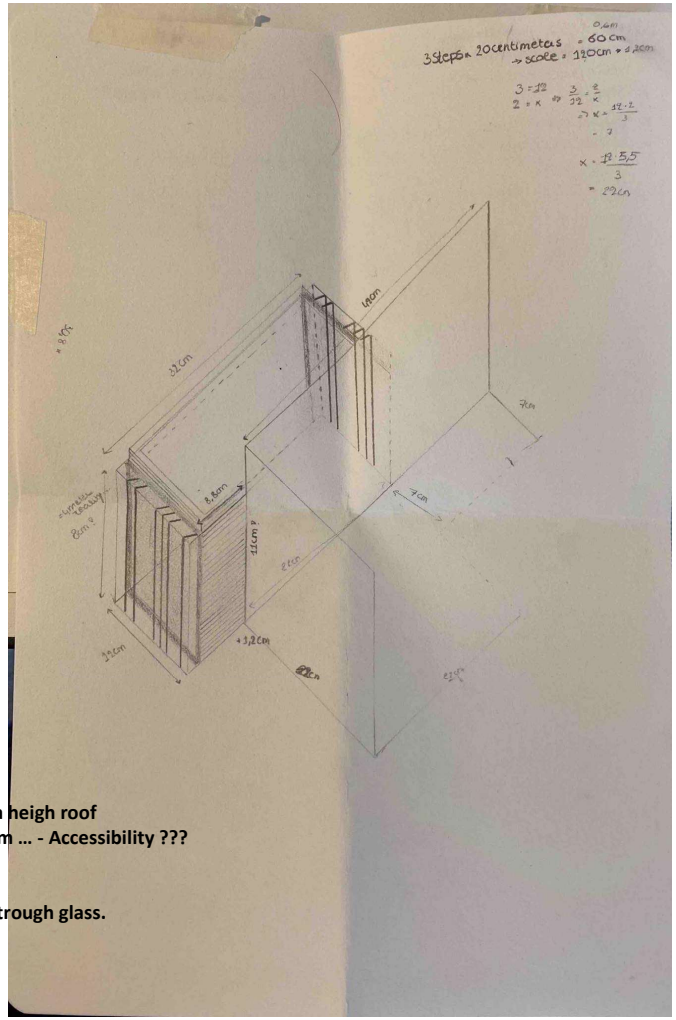
13 / TAKE MY DESIGN FORWARD AFTER 1ST CRIT

30/10/23 WK 5

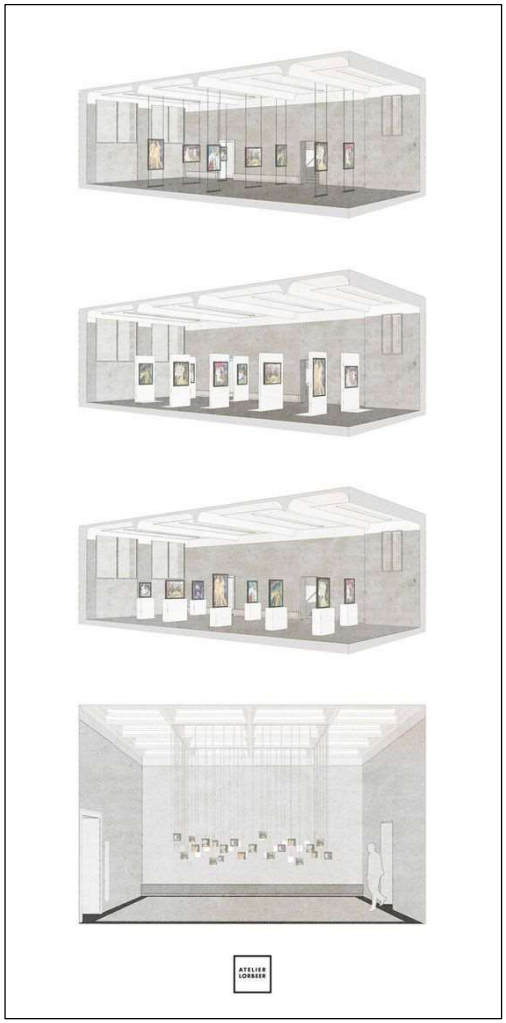
Sketch developing ideas gallery room



Sketch gallery room



Inspiration gallery room



Assignment Brief:

This stage of the project asks you to design and build a gallery room, using rough shaped models.

Looking at all your design work so far, what are you looking for to achieve in your gallery space ?

- I want to create a lower part opening so once you arrive in the gallery it feels like a big space – with a heigh roof
From there on I want people to step to a lower lever with stairs to come in an even bigger room … - Accessibility ???
- For the creative presentation of the artwork I found an inspirational post : Atelier Lorbeer

- For the light I want to create big windows: dividing the light with panels (precedent) or using no see trough glass.

Your final model should include a part of the entrance foyer, and the main gallery room itself

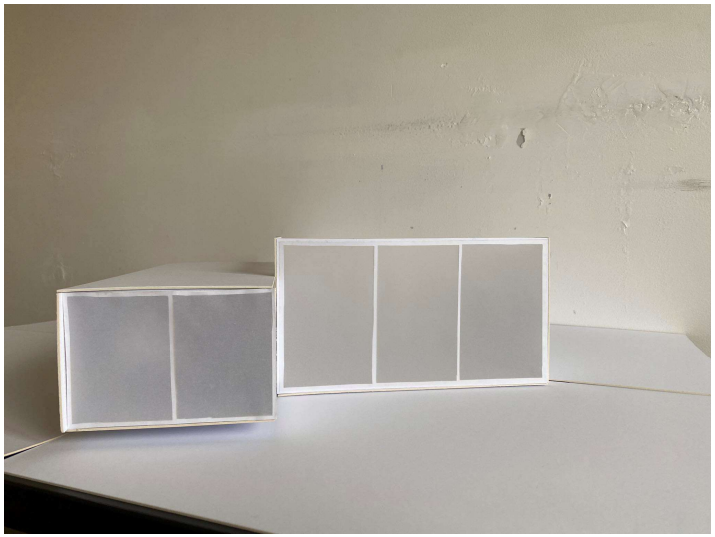
Build the model from materials and colours that match those you would propose if the gallery were built in real life, include relevant wall floor and roof thicknesses.

The structural system of your space should be clearly shown in your model.

14 / SKETCHES GALLERY ROOM MODEL

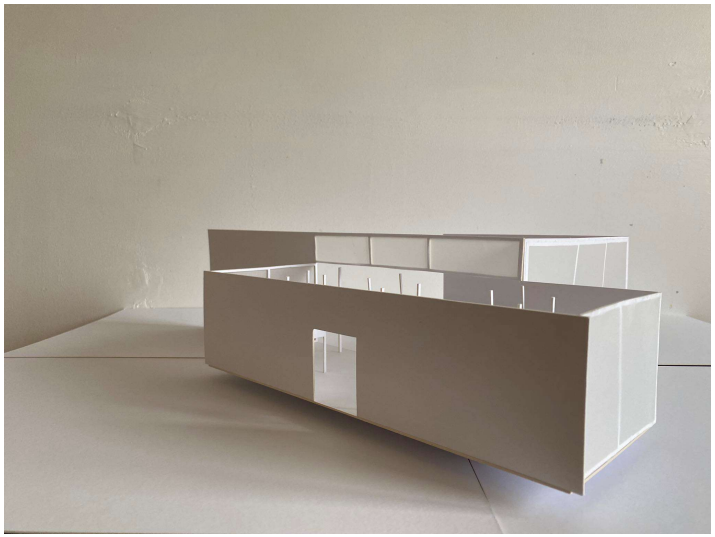
30/10/23 **WK 5**

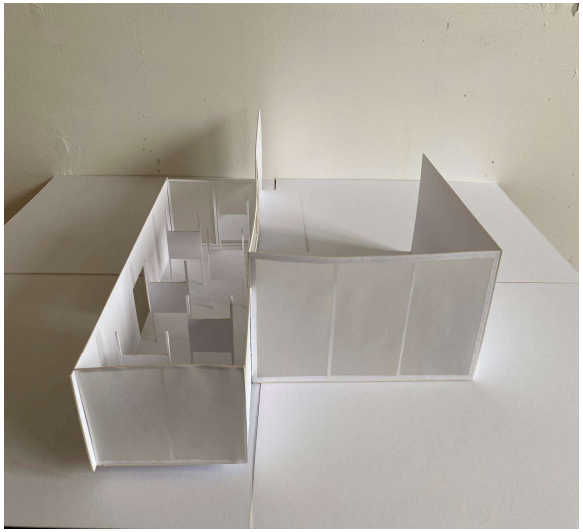
Photographs of the gallery room model





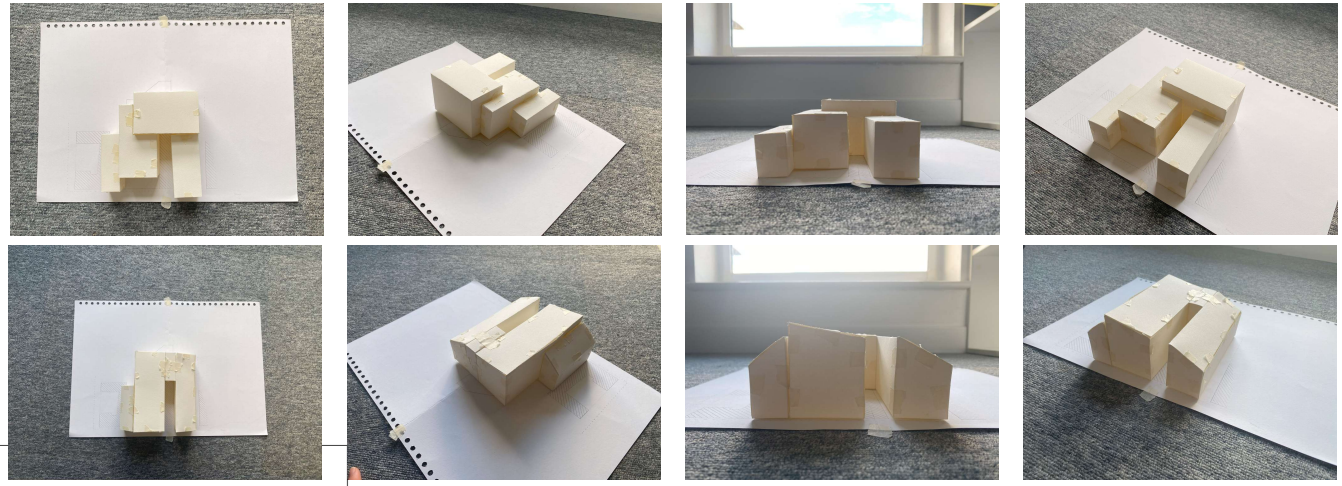


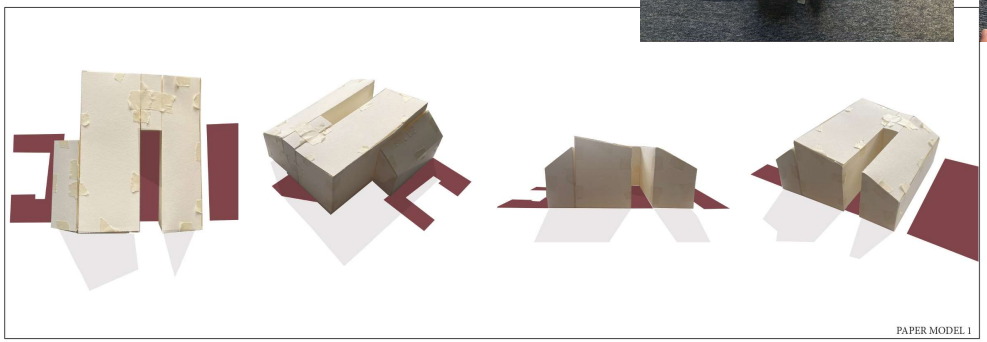


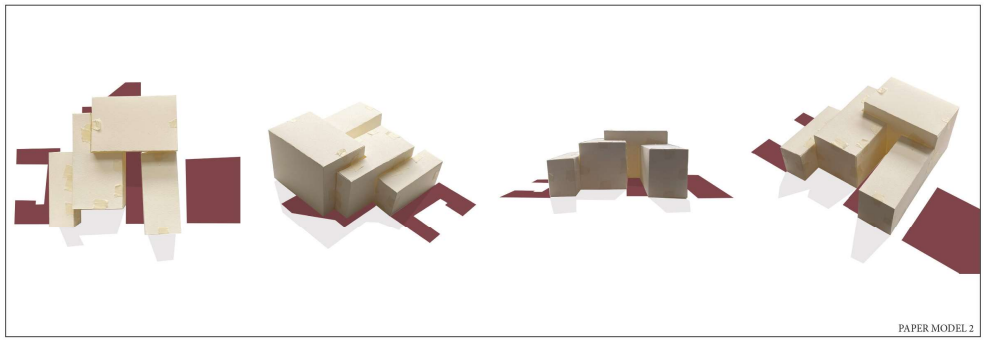


30/10/23 WK 5

Original Photographs of the models







EMMA SENESAEL - CONCEPT MODELS - DESIGN STUDIO 2023-2024

Edit Photographs Photoshop + Layout InDesign

- Focus on the shadows of the buildings – Important for designing ..

  (BETWEEN BUILDINGS NO SUNLIGHT …. Not a nice place for designing a patio …)

- Focus on the shape of the buildings

  (FROM STREET VIEW – PAPER MODEL 2 BETTER)

- Focus on the path between building and the creating building

  (MAKE SURE THERE IS ENOUGH SUNLIGHT THERE – TO CREATE AN ENJOYABLE WALK, … USE IN DESIGN)

16 / EDITING PICTURES OF MY PAPER CONCEPT MODELS

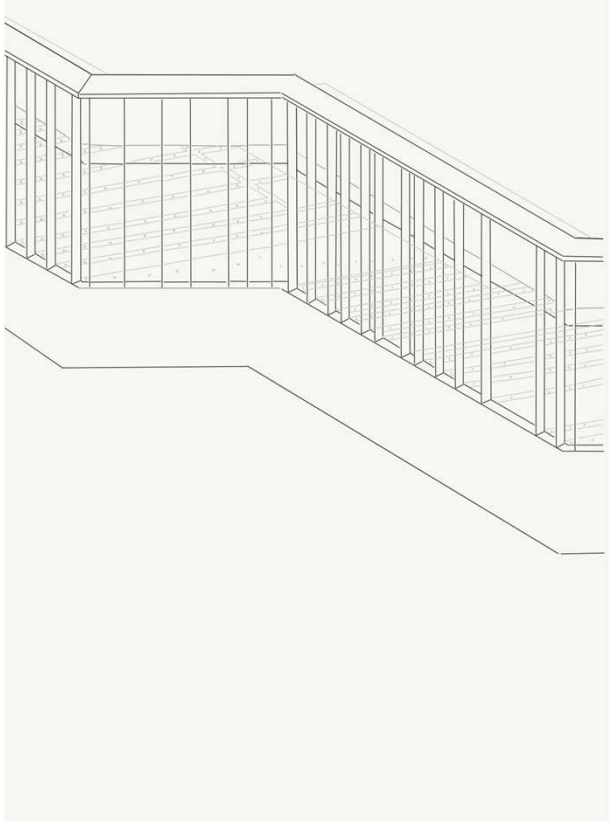
06/11/23 WK 6



IMPORT THE DRAWING ON MY TABLET

- SHOWING OF THE SUNLIGT – SHADOW

- SHOWING OF SHAPE OF BUILDING



EXPORT THE SKETCHED LINES OUT OF DRAWINGSOFTWARE

IMPORT INTO PHOTOSHOP



EDITING INTO PHOTOSHOP





FINISHED RESULT

- SHOWING THE SHADOWS INSIDE BUILDING

HOW CAN I USE THIS FOR MY DESIGN:

- THINK ABOUT SHAPING BUILDING
FLAT ROOF ? ANGLES ??
- THINK ABOUT SUNLIGHT INSIDE BUILDING
BIG WINDOWS ? BREAK FROM SUNLIGHT…

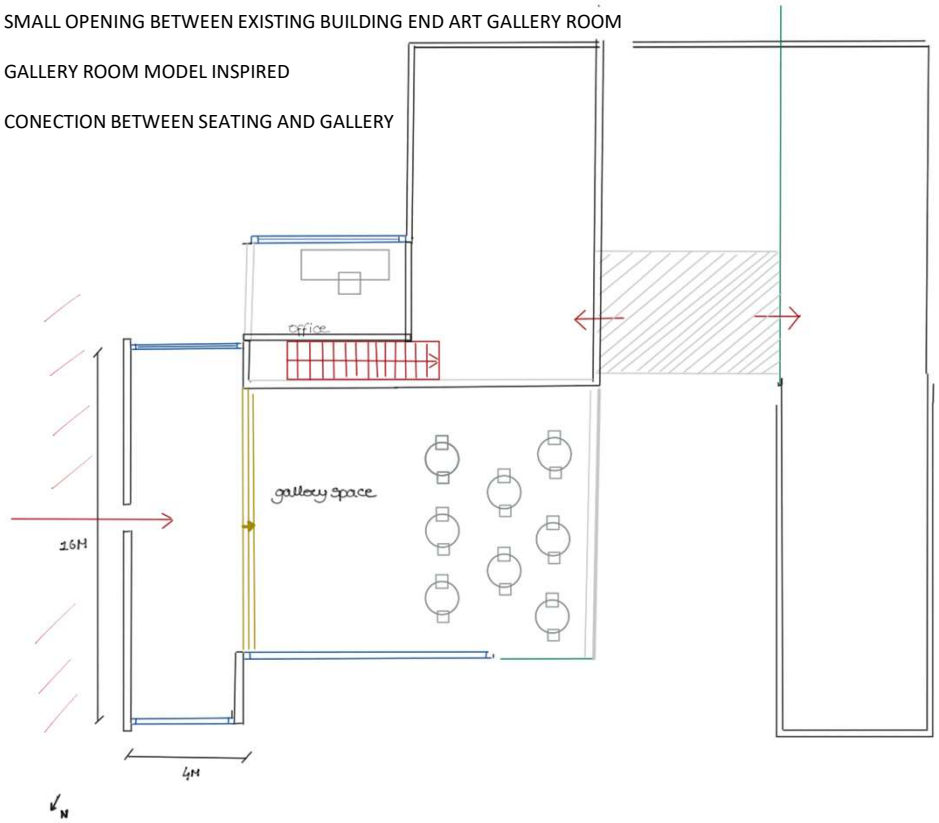
17 / DRAWING FOR PRECEDENT ANALYSIS – THE ALBERT SCHWEITZER COMMUNITY CENTRE

DESIGN ACCELERATION WEEK:

Challenging to trash out the design of your gallery extension building.

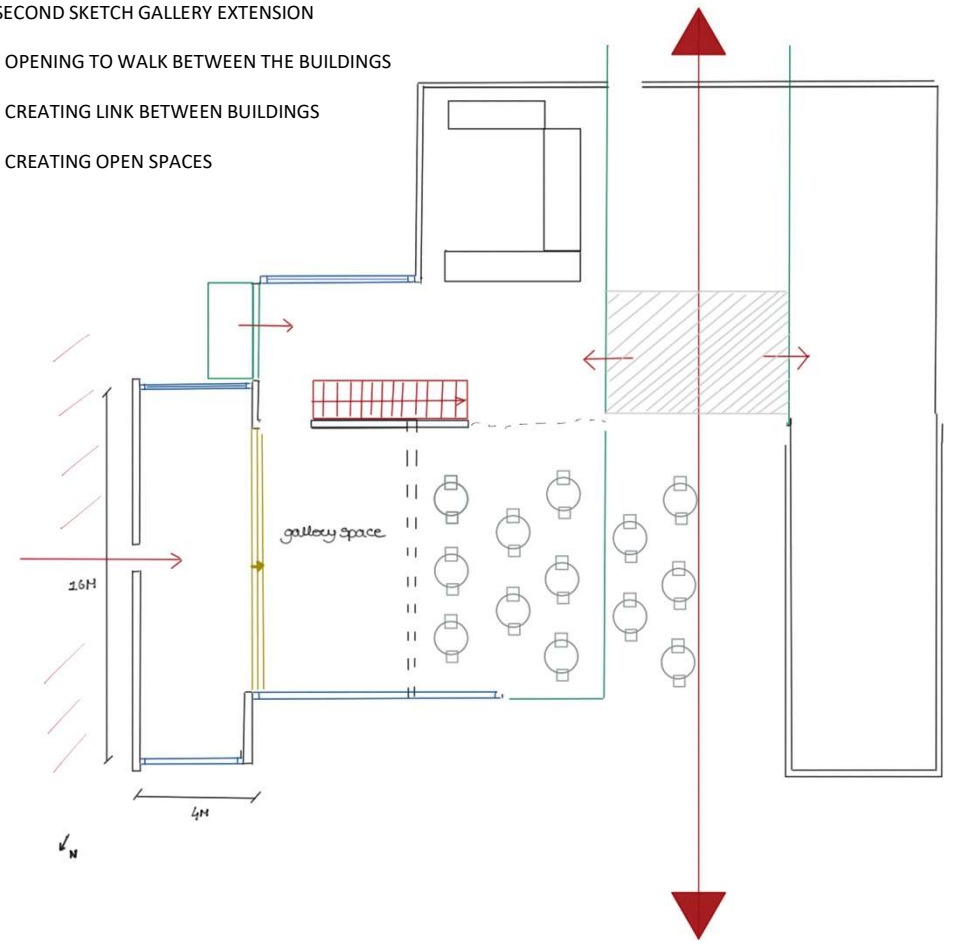
FIRST SKETCH GALLERY EXTENSION

- SMALL OPENING BETWEEN EXISTING BUILDING END ART GALLERY ROOM
- GALLERY ROOM MODEL INSPIRED
- CONECTION BETWEEN SEATING AND GALLERY

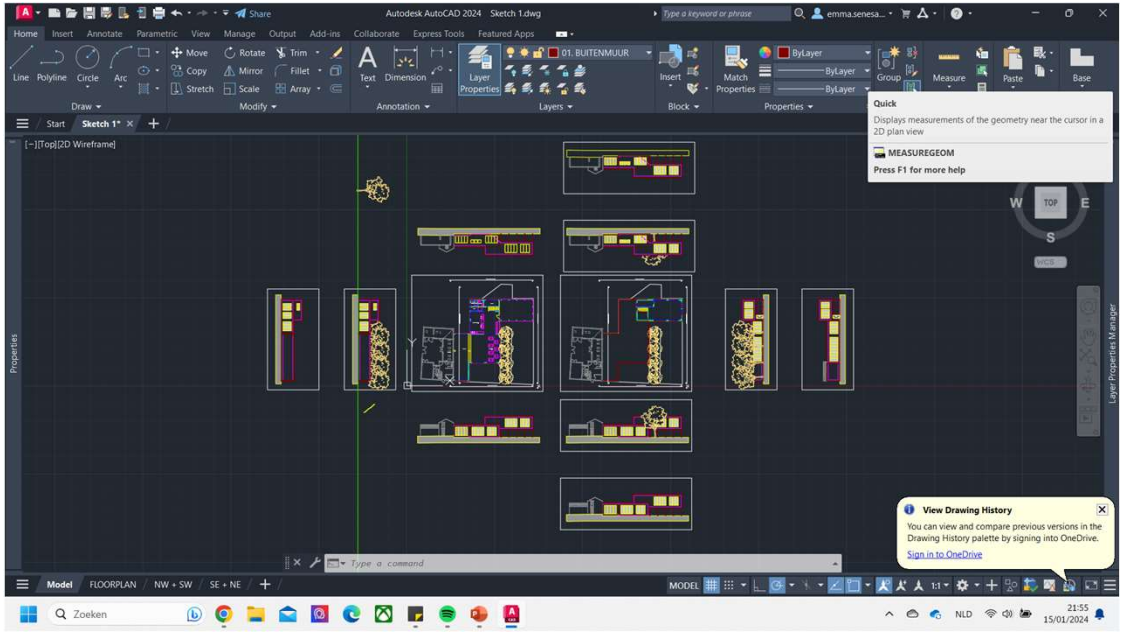


SECOND SKETCH GALLERY EXTENSION

- OPENING TO WALK BETWEEN THE BUILDINGS
- CREATING LINK BETWEEN BUILDINGS
- CREATING OPEN SPACES

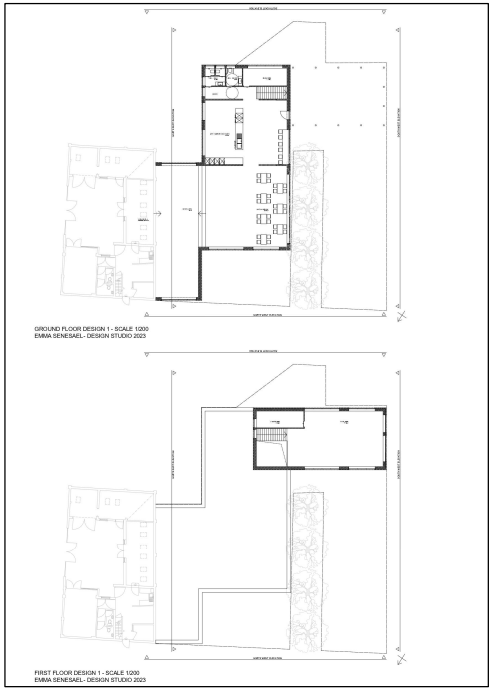


First Sketch in AutoCAD



06/11/23 **WK 6**

Floorplan Output AutoCAD



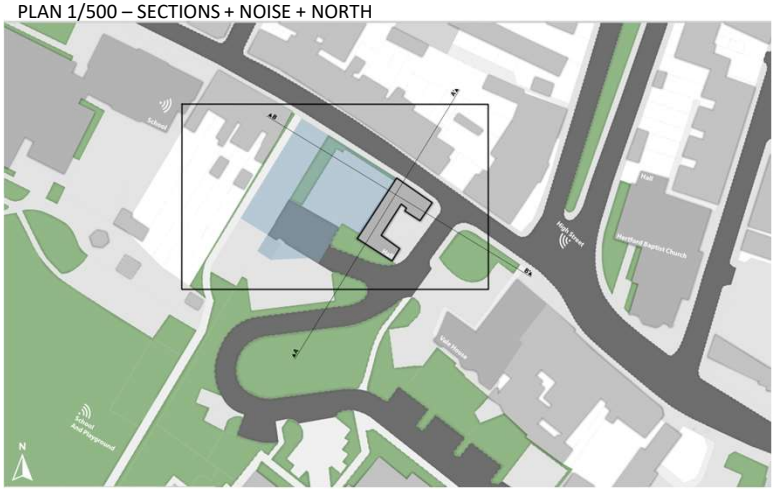
Elevations Output AutoCAD

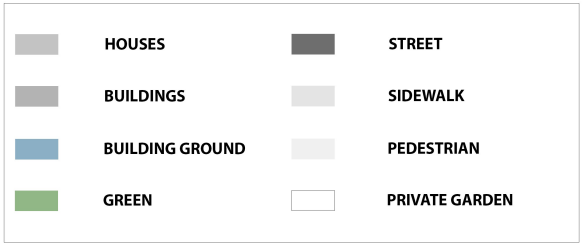


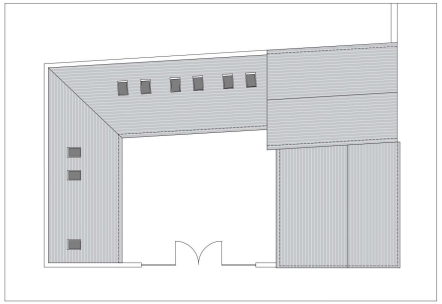


STUDY WEEK 13/11/23 WK 7

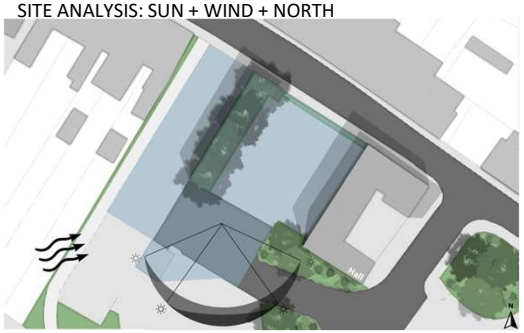
PLAN 1/500 – SECTIONS + NOISE + NORTH



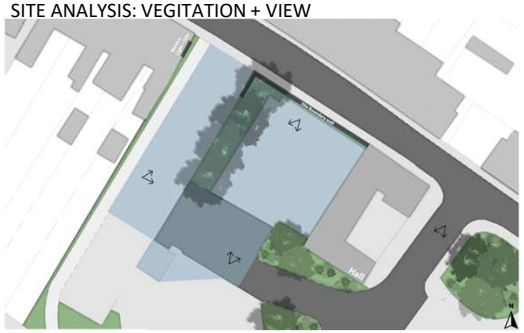




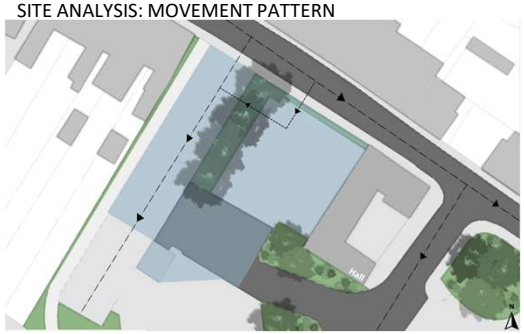
SITE ANALYSIS: SUN + WIND + NORTH

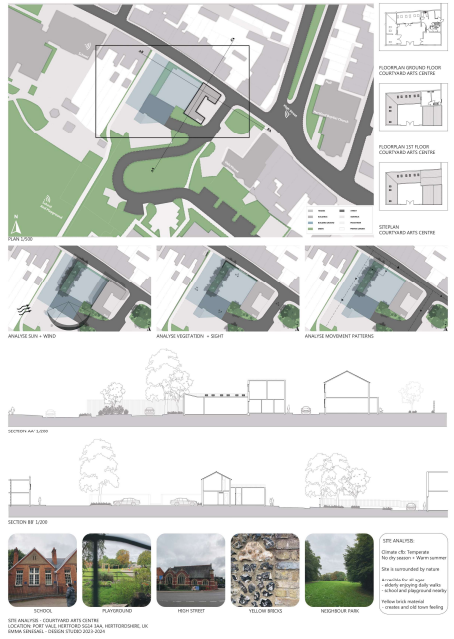


SITE ANALYSIS: VEGITATION + VIEW



SITE ANALYSIS: MOVEMENT PATTERN





CHANGES WITH LAST POSTER:

- ADDED IN RECTANGLE THAT SHOWED ZOOMED IN SELECTION

- ADDED IN BLACK SHAPE AROUND THE BUILDING TO SHOW

- CHANGED THE COLOR PALLET – LIGHTER

- ADDED IN SHADOW ANALYSIS

- CHANGED THE FONT - LETTERS

- CHANGE OF THE MOVEMENT PATTERN TO ANALYSIS MOVEMENTPATTERN

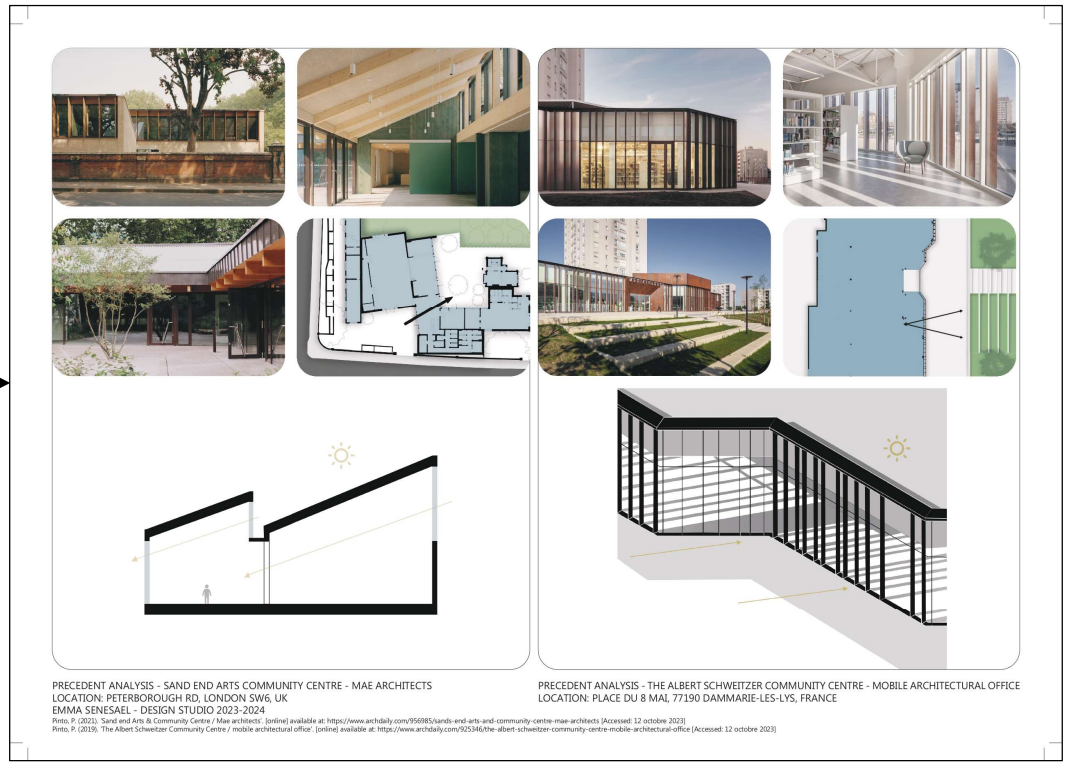
  THIS IS A WAY OF SHOWING A POSSIBLE MOVEMENT PATTERN I WANT TO CREATE ON MY SITE WHEN BUILDING

- ADDED IN THIRD FLOORPLAN

- MORE EXPLANATION ABOUT THE SITE FEELING – NEIGHOURS …

STUDY WEEK 13/11/23 WK 7





CHANGES WITH LAST POSTER:

- ADDED IN RECTANGLE DRAWING SHOWING THE SUN ANALYSIS
  FROM THE ALBERT SCHWEITZER COMUNNITY CENTRE

- ADDED DEVIDING RECTANGLES TO SHOW THE DIFFERENCE BETWEEN BOTH PRECEDENTS

- ADDED THE TEXT INFORMATION WITH LOCATION + NAME ARCHITECT

CHANGES WITH LAST POSTER (THIS IS NOTE FROM WEEK 12 – 10/01/2024)

- ADDED IN THE REFERENCING ON THE UNDERSIDE OF THE PAGE

Pintos, P. (2021), 'Sand end Arts & Community Centre / Mae architects [online] available at: https://www.archdaily.com/956985/sands-end-arts-and-community-centre-mae-architects [Accessed: 12 October 2023]

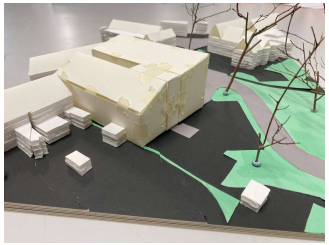
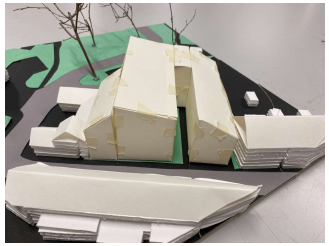
Pintos, P. (2019), ''The Albert Schweitzer Community Centre / mobile architectural office'. [online] available at: https://www.archdaily.com/925346/the-albert-schweitzer-community-centre-mobile-architectural-office [Accessed: 12 October 2023]

- CHANGE OF LAYOUT – FONT – COLORPALLET TO MATCH THE OTHER DRAWINGS

21 / ADJUSTING PRECEDENT ANALYSIS PAGE

STUDY WEEK 13/11/23 WK 7

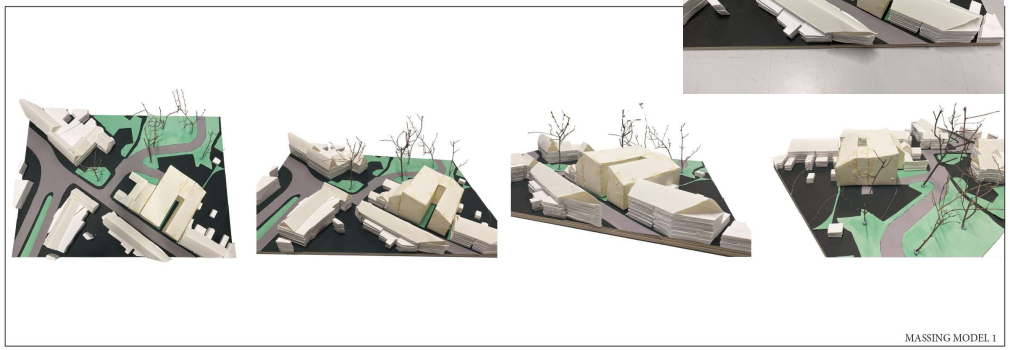
Original Photographs of the models

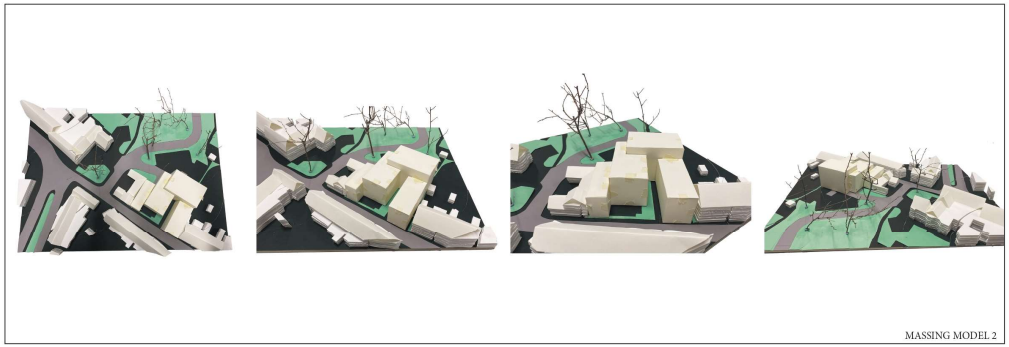













EMMA SENESAEL - MASSING OPTIONS ON THE SITE MODEL - DESIGN STUDIO 2023-2024

Edit Photographs Photoshop + Layout InDesign

- Focus on the shadows of the buildings and environment – Important for designing ..
  (FOCUS ON HOW THE TREES ARE GOING TO IMPACT DESIGN DECISIONS
  (BETWEEN BUILDINGS NO SUNLIGHT)

- Focus on the general shaping of the rooftops
  CREATE AN DIFFERENT ONE SO THE BUILDING POPS OUT OR DESIGN WITH CARE AND REFELCT HISTORY

- Focus on the path between building and the creating building
  (MAKE SURE THERE IS ENOUGH SUNLIGHT THERE – TO CREATE AN ENJOYABLE WALK)
  CONNECTING THE PARK – MAKE PATHWAY BIGGER ?

22 / EDITING PICTURES OF MY PAPER CONCEPT MODELS

27-12-2023 14:14 E-mail - Senesael Emma - Outlook

Re: Calling in sick

Monica Cherry <m.cherry2@herts.ac.uk>
Do 23-11-2023 14:13
Aan:Senesael Emma <emma.senesael@student.howest.be>

Hi Emma,

Thanks for your email re missing the crit on Monday.

We spoke yesterday about this but, just to confirm:

- Additional teaching online or in person is not possible for missed crits, but I am very happy to run through your presentation and ideas on Monday at our next teaching session.
- You don't need a medical note for missing formative crits, but some students do choose to submit this.

See you on Monday.

Kind regards,

Monica Cherry
BSc BArch MPhil DipArch PGCert ARB FHEA
Programme Leader
MArch Architecture & Urbanism

University of Hertfordshire
School of Creative Arts
College Lane Campus
Hatfield, Hertfordshire, AL10 9AB

Website: herts.ac.uk

From: Senesael Emma <emma.senesael@student.howest.be>
Sent: 20 November 2023 09:19
To: Monica Cherry <m.cherry2@herts.ac.uk>
Subject: Calling in sick

Dear,

This morning I woke up with a really bad stomach ache, and a headache.
I'm feeling to sick to come into class today, and had a few questions.

Is there any possibility for me to still present my work later this week, or send it to you online, to get some notes?
Because it's a CRIT do I need to give a sick letter from the medical office?

Kind Regards
Emma Senesael

(NO WALL PRESENTATION – REASON SICKNESS)

https://outlook.office.com/mail/id/AAQkADlkY2M1ZDIxLTdmNTktNDA2OS04YTNiLWY5Y2Q2NjhhYzg5ZQAQAFYXxSLxvQ1Dt%2BMt75vz4hY%… 1/1

2

20/11/23 **WK 8**

DESIGN DISCUSSION RECORD

MAIN POINTS OF DESIGN DISCUSSION (FEEDBACK):

Teacher Notes After CRIT CANVA:

Use drawings (and overlays that re-work those drawings), models, and 3D visualisations to progress your designs.

Which element of your design are working well? Which elements can be improved?

What do you personally love about your design and are these strengths being communicated in your drawings?

(NO WALL PRESENTATION – REASON SICKNESS)

2

20/11/23 **WK 8**

DESIGN DISCUSSION RECORD

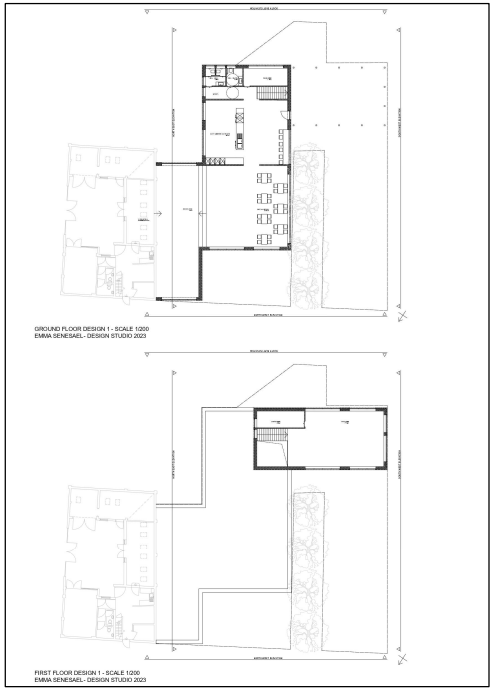
MAIN AREAS TO ADDRESS TO TAKE MY DESIGN FORWARD (FEEDFORWARD):

(NO WALL PRESENTATION – REASON SICKNESS)

25 / Take my design forward after 2ND CRIT

27/11/23 WK 9

Floorplan Output AutoCAD



Elevations Output AutoCAD





TEACHER NOTES DURING DISCUSSION

- IMPACT OF SUNLIGT

- DESIGN A GARDEN

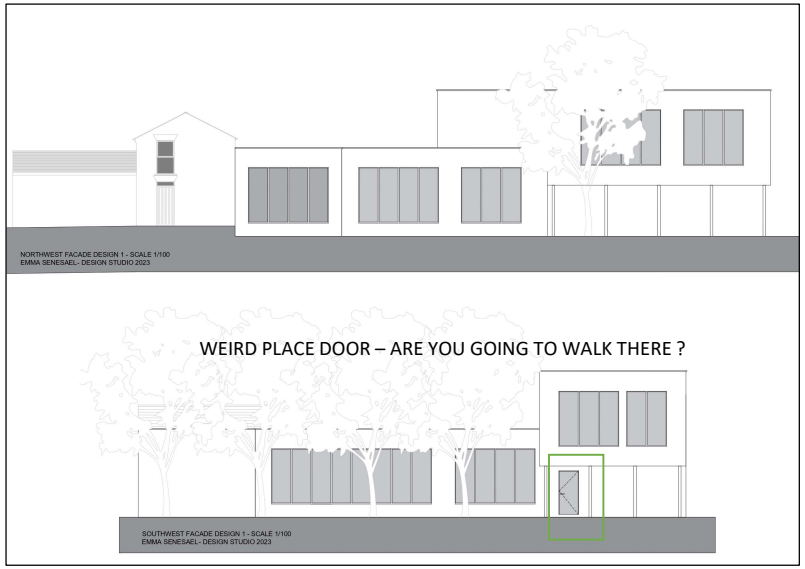
- ADJUST SEATING SO THERE IS SUNLIGT DURING THE WHOLE DAY

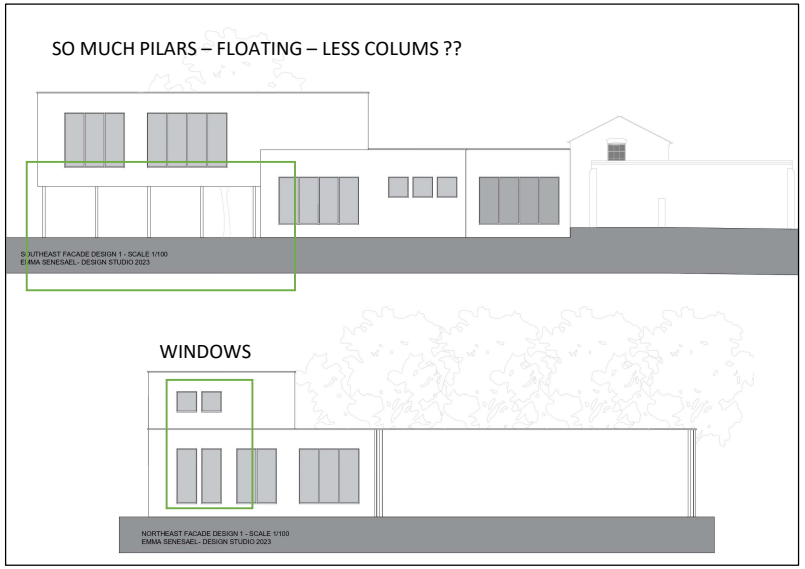
- WALL STRUCTURE DOES NOT NEED TO BE SPLITED UP

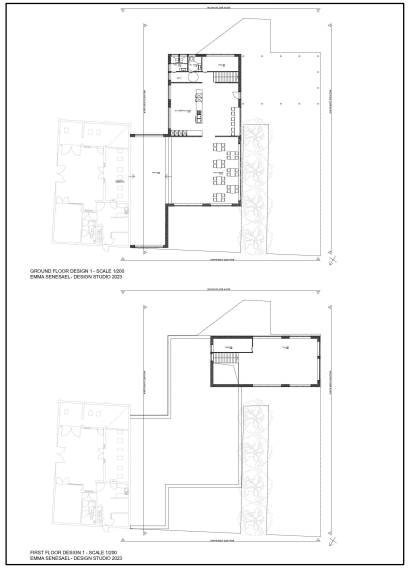
- RETHINK WINDOW DESIGN THINKING ABOUT WHICH MATERIAL YOU'RE GOING TO USE

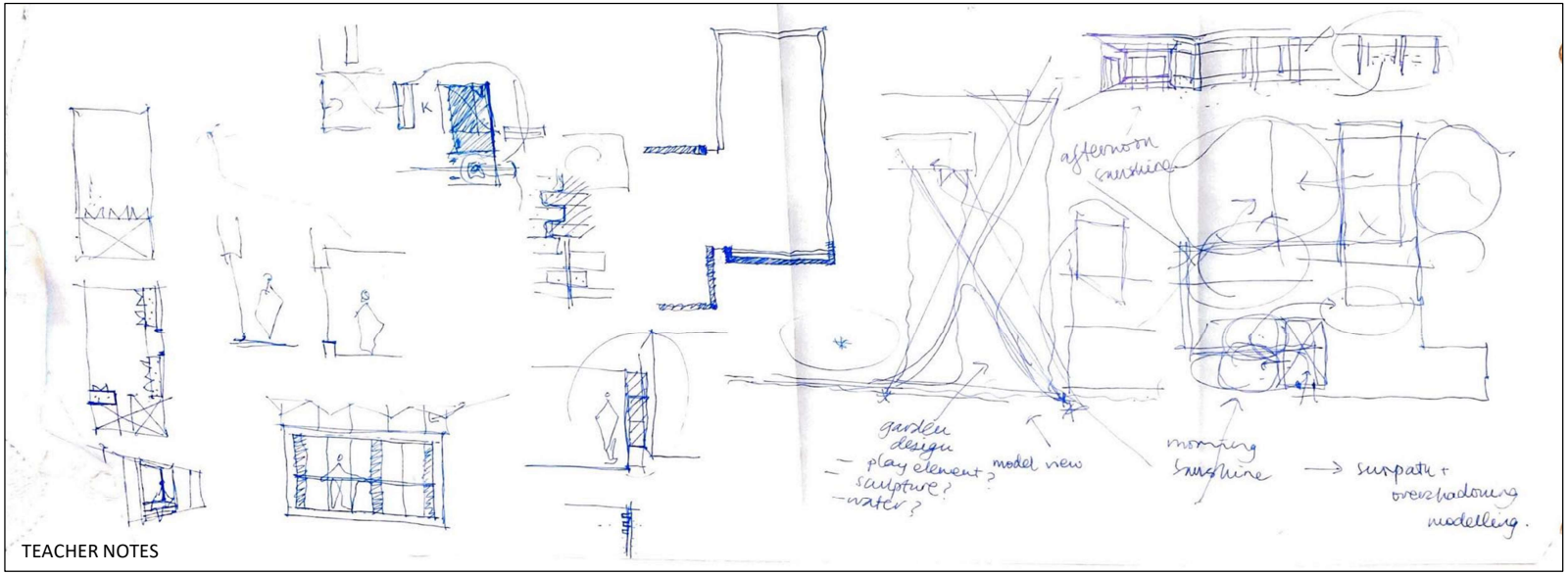
25 / PRESENTING WORK IN CLASSROOM – NO CRIT

THERE IS A LOT OF CONTEXT MISSING



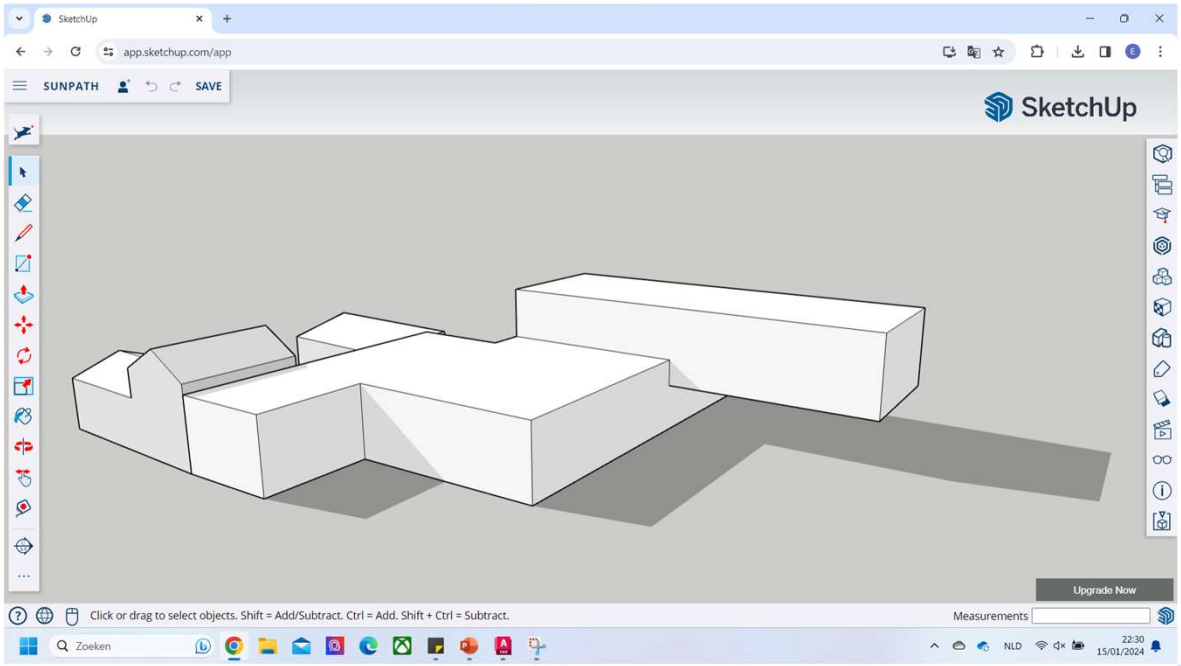






27 / RETHINKING DESIGN AFTER DISCUSSION

SUNPATH SKETCHUP



27/11/23 WK 9

Teacher Notes For Next Class - CANVA:

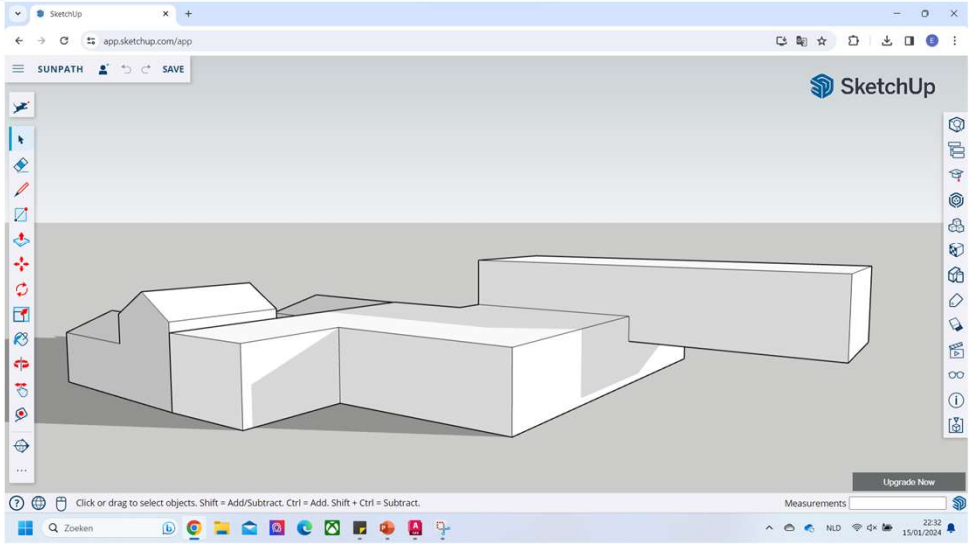
We hope your designs are developing, and that you are challenging your plans, sections and elevations, asking yourself which elements are working well and which can be improved.

- Follow the route around your building from entrance(s) to vertical circulation (the lift and stairs) **– is the route fluent and clear to visitors?** What about those with accessibility needs – does it work for them?

- Is your **café space a great space to spend time in?** What makes it so good?

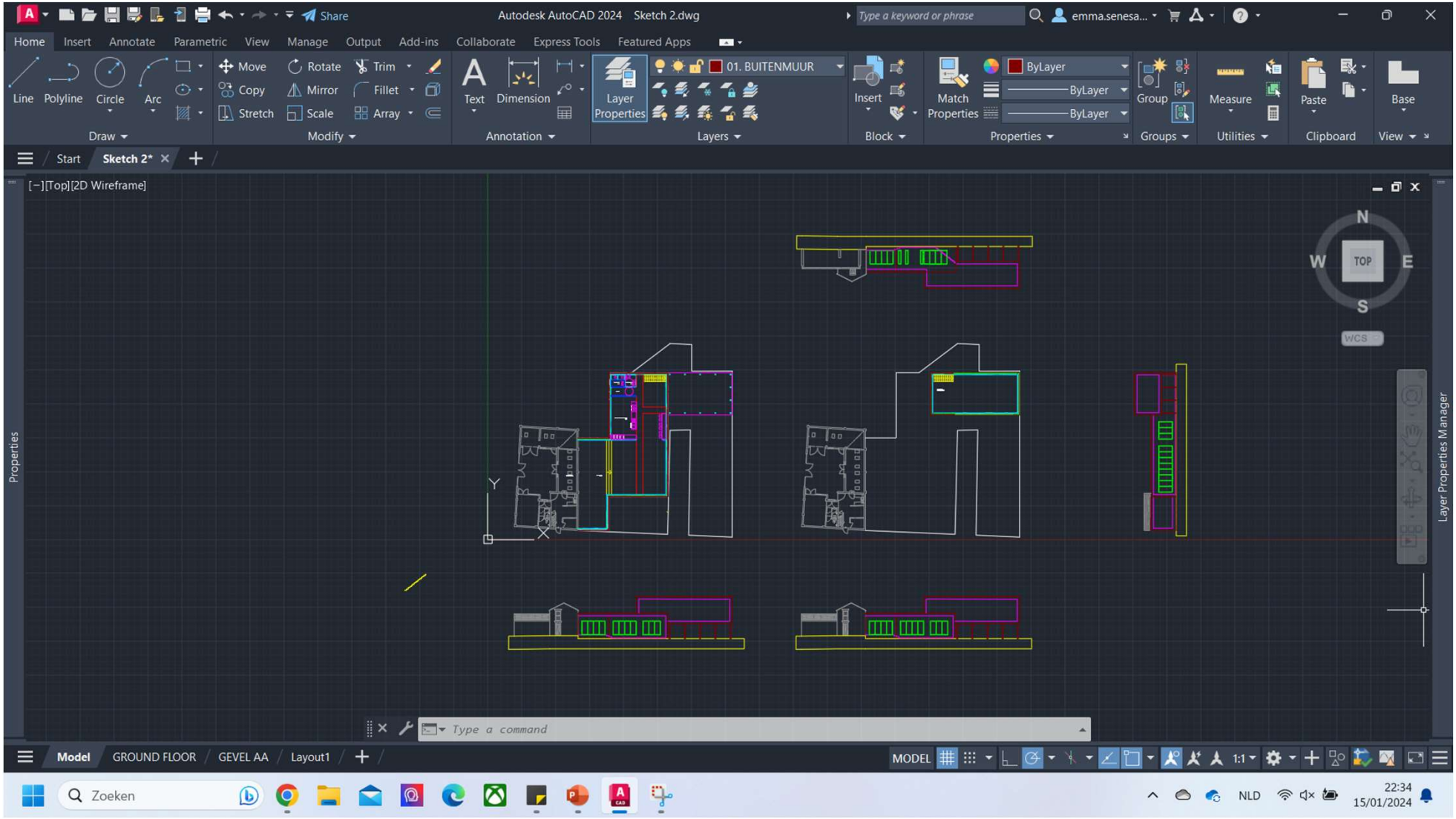
- What about the gallery ? Is the art displayed in an interesting way? Are the places to sit and relax whilst you enjoy the artworks?

SUNPATH SKETCHUP

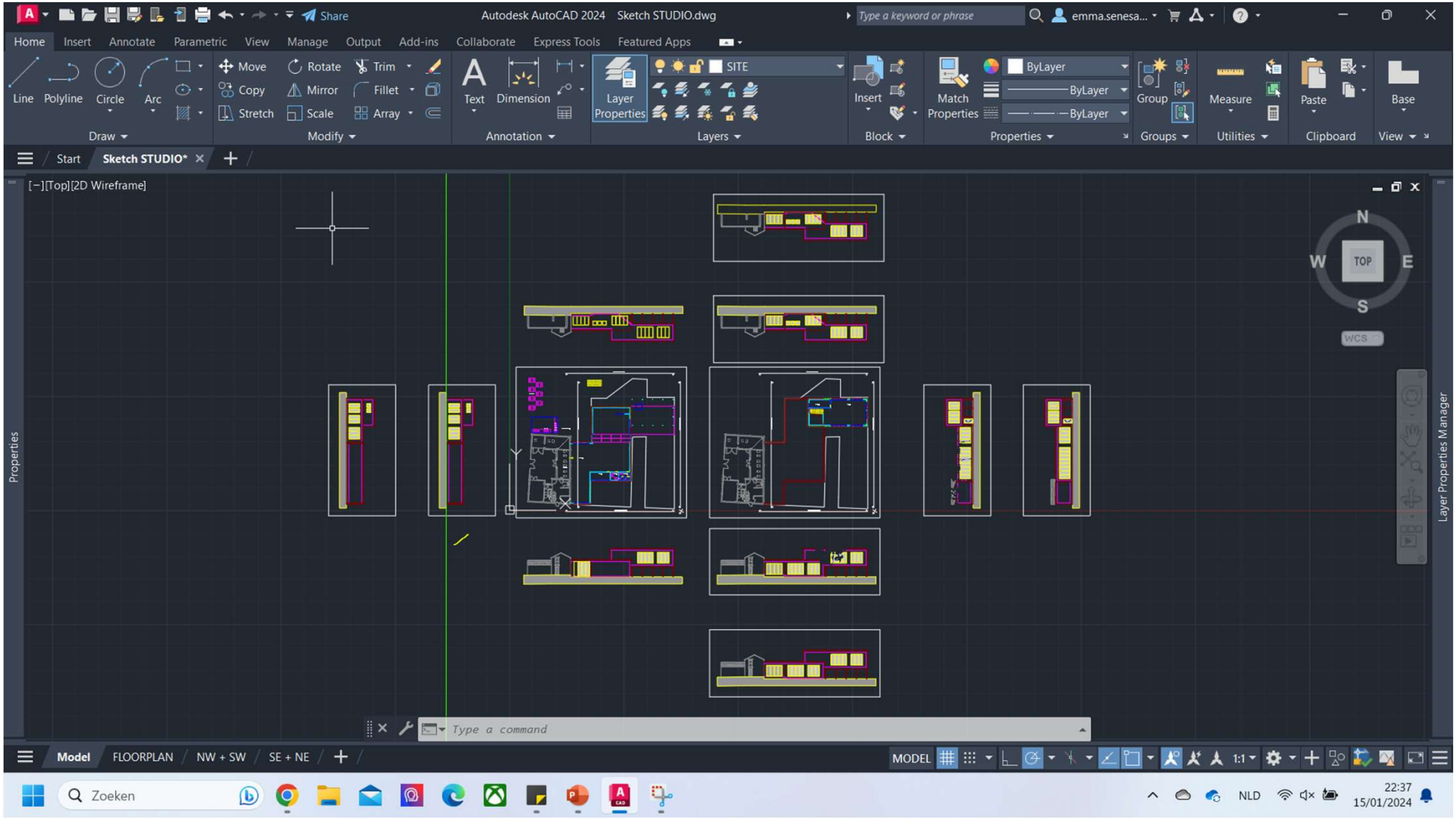


28 / SKETCHUP MODEL TO LOOK AT SUNPATH

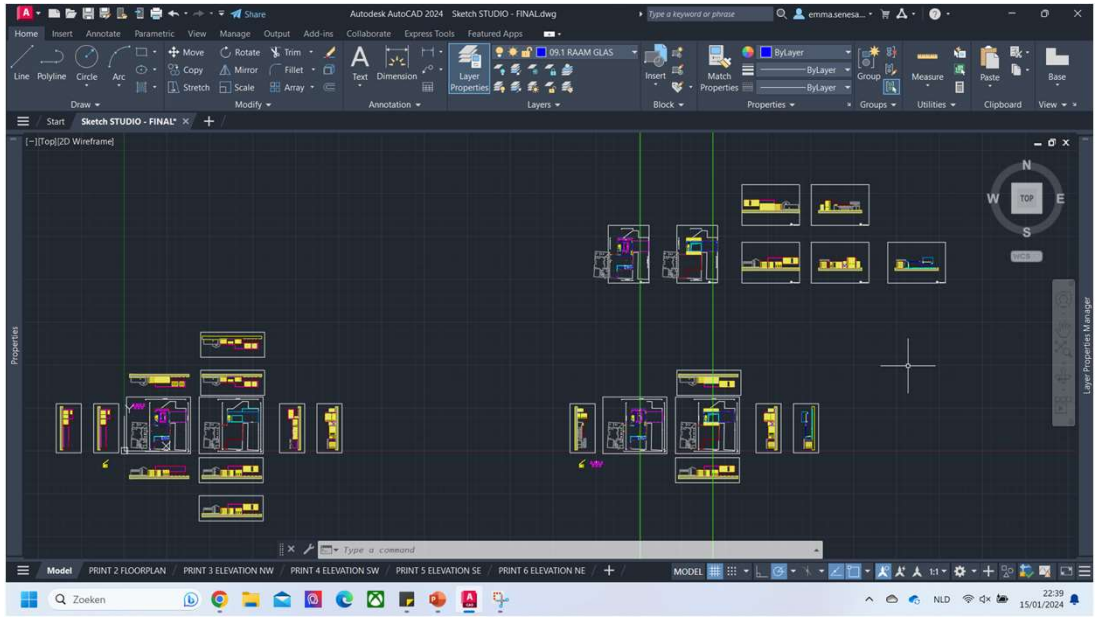
AUTOCAD CHANGE OFF DESIGN DURING CLASS



AUTOCAD CHANGE OFF DESIGN AFTER CLASS



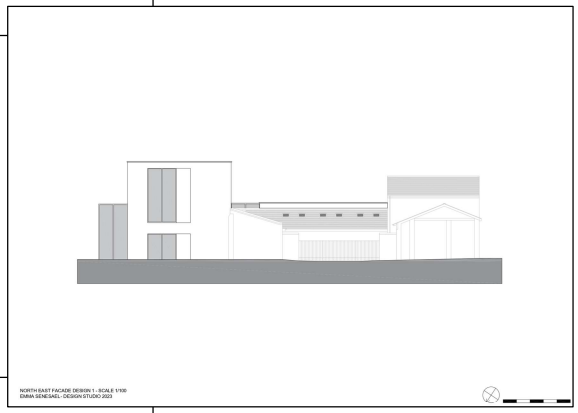
AUTOCAD CHANGE OFF DESIGN FOR NEXT CRIT



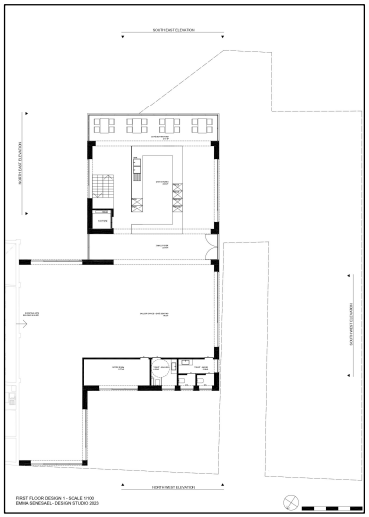
04/12/23 WK 10

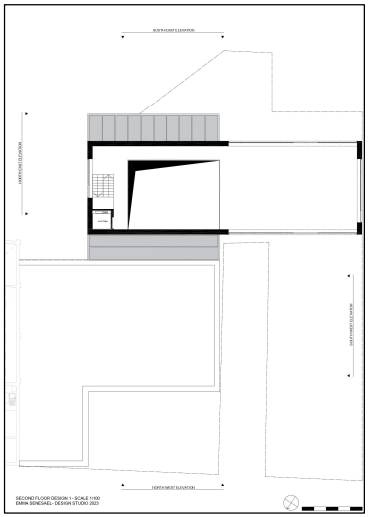
OUTPUT ELEVATIONS



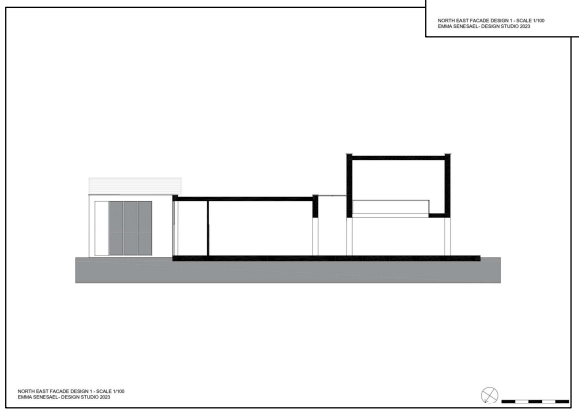


OUTPUT FLOORPLANS





OUTPUT SECTION



Teacher Notes After CLASS:

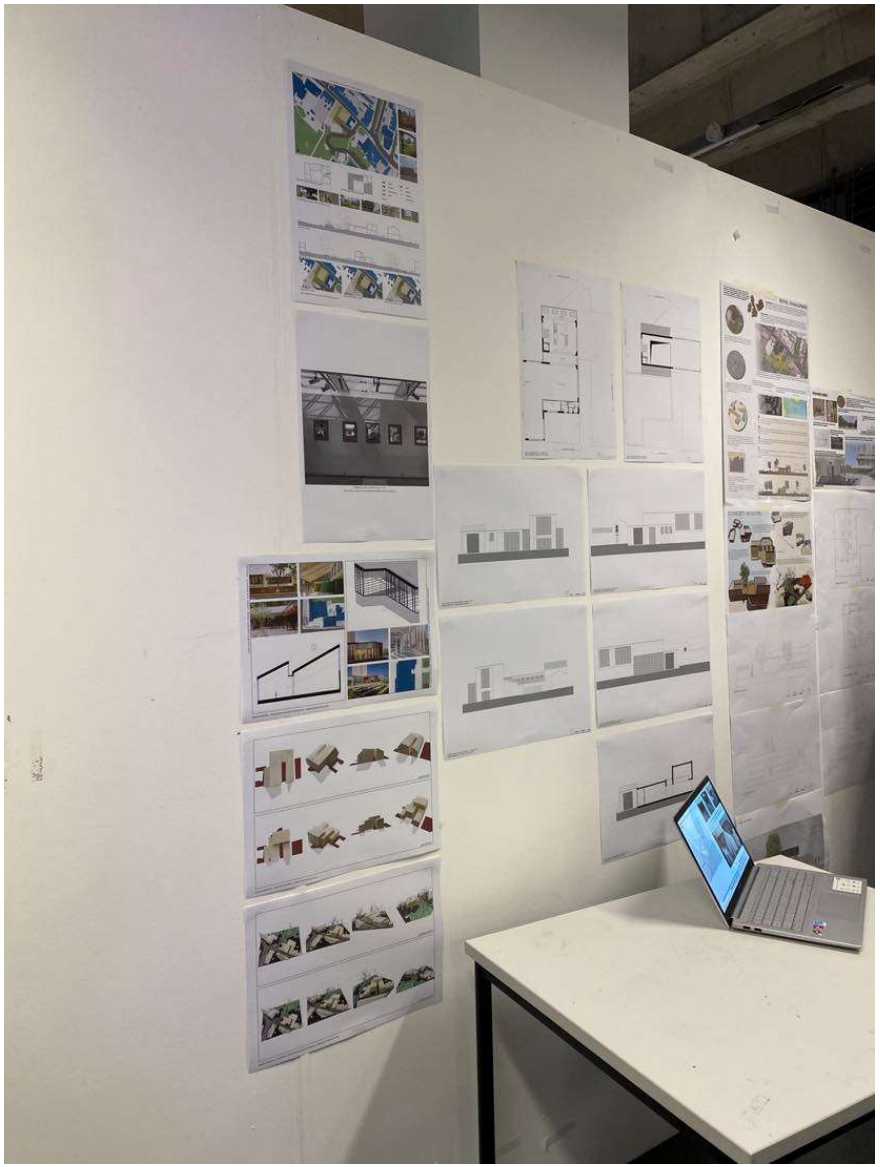
Draft set of drawings for Design Discussion 3 and the final submission should be rendered.

Do create a fully rendered set of project drawings and visualisations for the final submissions – plans, sections, elevations etc, ..

31 / CHANGE OFF DESIGN FOR NEXT CRIT

3

11/12/23 WK 11



DESIGN DISCUSSION RECORD

32 / 3TH CRIT PRESENTATION

3

11/12/23 WK 11

DESIGN DISCUSSION RECORD

MAIN POINTS OF DESIGN DISCUSSION (FEEDBACK):

Personal Notes After CRIT:

[GOOD]
- Proposal is clear
- Clear diagrams in your site analysis
- Interesting massing models.
- Good precedent study.

Use the different roof height from your precedent in your design proposal.

[NEED IMPROVEMENT]
- Put design in context with site.
- Make your orientation consistent
- Add existing building to your floor plans.

- **Indicate (point out, suggest, …) ??**

- Add context in your elevations and sections.
- Add a site plan 1:200.

- Café seating area is a bit restricted, Especially in the kitchen area
- Add furniture in your design
- Think about how noise will be controlled from the kitchen and café to the events room.
- Think about the height of the cantilever building, … (Add Pillars – Comfort walking under)

Teacher Notes After CRIT:

FEEDBACK SHEET GRADING

Remember to include the context of the neighborhood/ neighboring properties on ALL relevant drawings – plans, sections, elevations, etc.

Do not forget all existing and proposed trees. Your design work should extend all the way up to the site boundary on all sides – i.e. this project is about Building & Landscape, there should be no 'left over' random blank spaces on the site.

Remember to Render your work – show how light and shade enlivens your spaces in plan, section and elevation, as well as colour and texture.

Remember to design for people – show off the Life in your proposal – show people using spaces.

Don't forget to start making your FINAL MODEL. This must include the existing art gallery and include immediate context on all sides, including the roofscape as roof forms are a key facet of site context character.

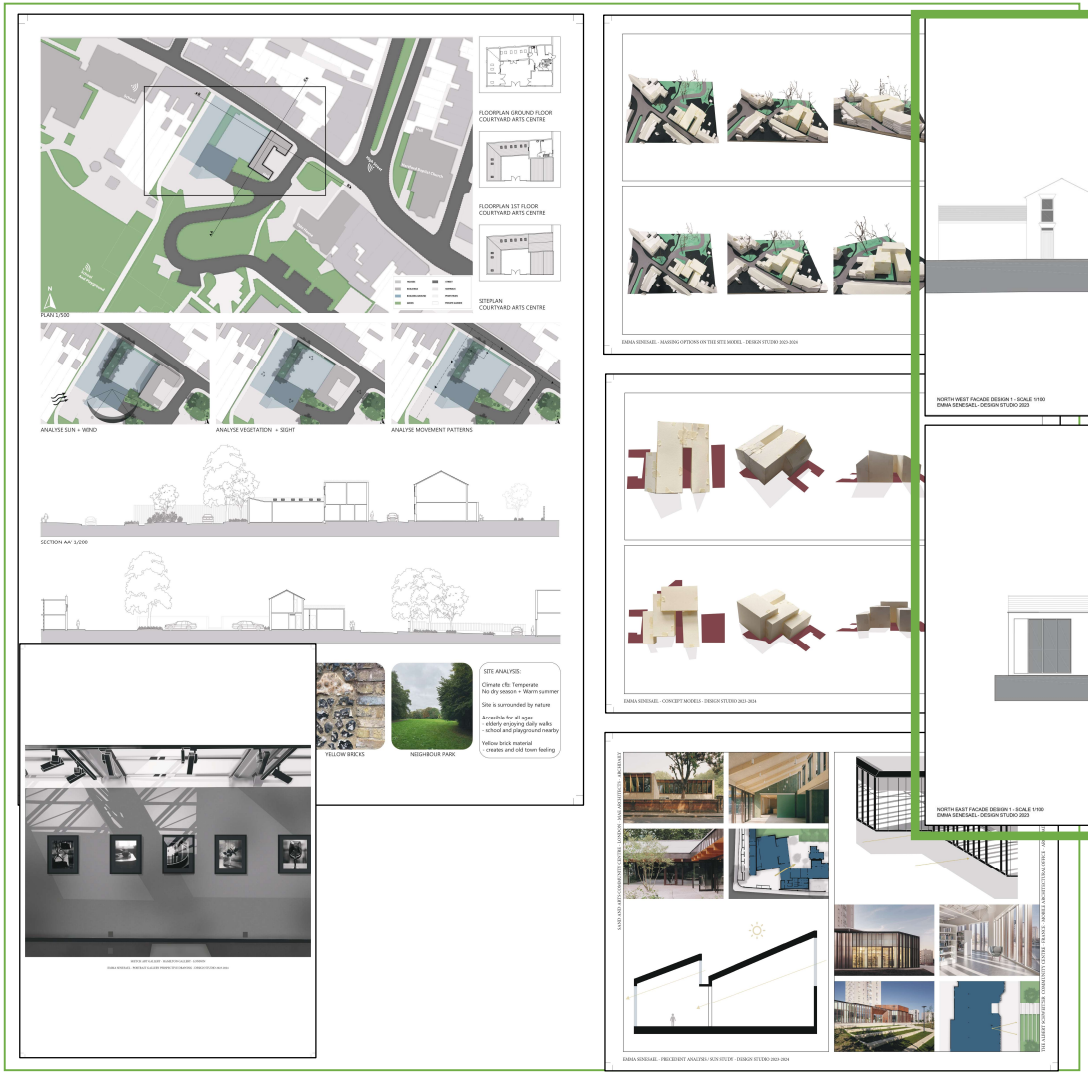
Finally, don't forget to develop your design journal, and catch up on that over the holidays, if necessary…

3

11/12/23 WK 11

MAIN AREAS TO ADDRESS TO TAKE MY DESIGN FORWARD (FEEDFORWARD):

CONNECT MORE TO STORY - EXPLANATION



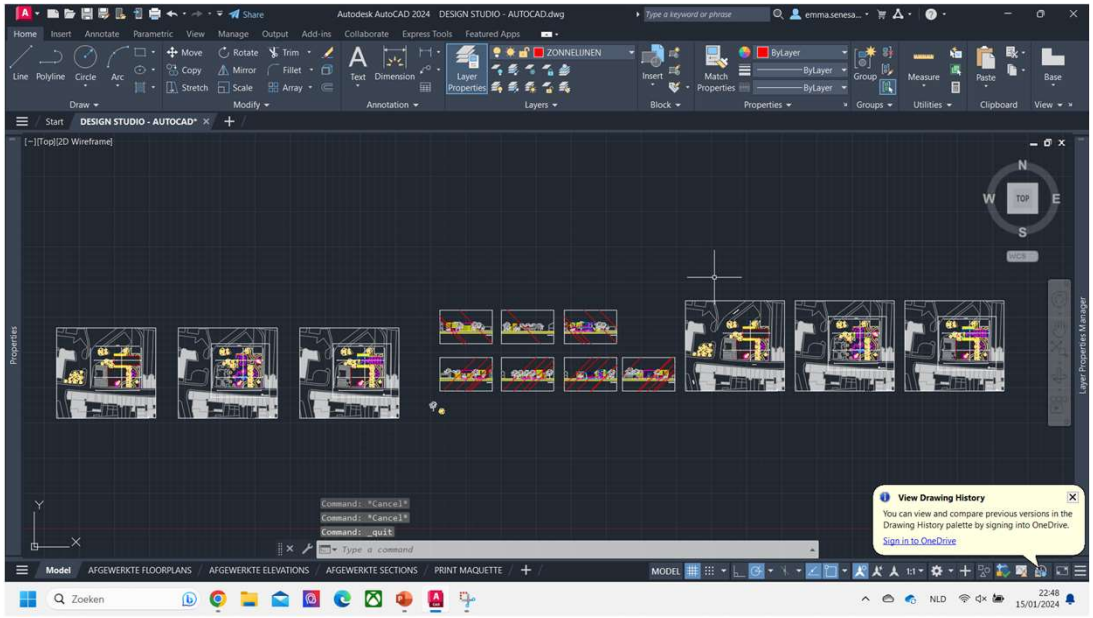


CONTEXT + LANDSCAPE + FURNITURE ...

DESIGN DISCUSSION RECORD

34 / Take my design forward after 3TH CRIT

AUTOCAD CHANGE OFF DESIGN FOR SUBMISSION

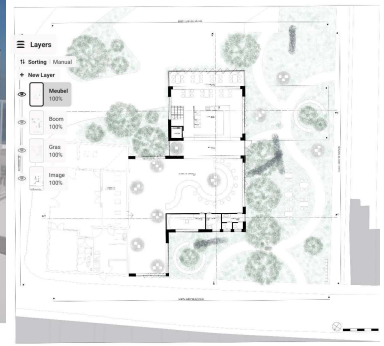


08/01/24 WK 12

FIRST TRY OF EDITING + RENDERING









Teacher Notes - CANVA:

- Recommend making a draft plan for the 6x A1 Landscape sheets on AutoCAD or by just sketching by hand

- Generally, your submission should be as per the list, and drawings presented at the scales requested.
  For example – its ok for the ground plan to be at 1:100 scale, but the upper plans at 1:200 scale to fit to one page

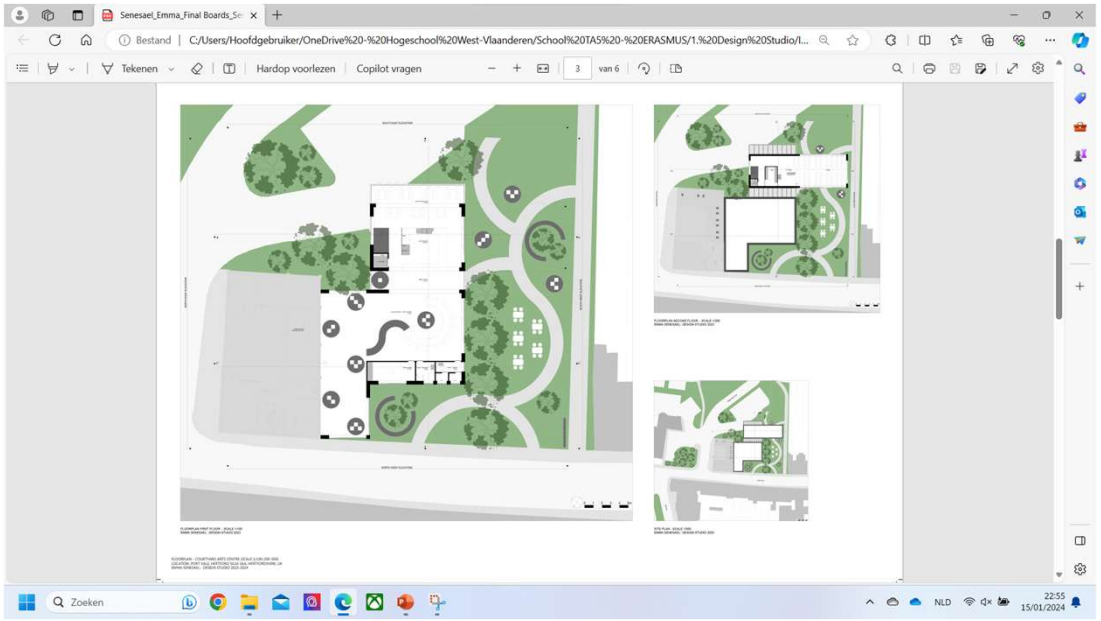
- The ground plan must be in a decent amount of context, and you must design all the way to the site boundary, **but upper-level plans do not necessarily need to be in full context**, you could crop them more closely to the site boundary and immediate pavements beyond, just be sure to include the tree canopies.

- You must have a long and a short section through your design and the existing gallery building
  Include one 1:50 section showing the cross-section of the junction between the existing part of the gallery and your new extension…

- **Remember to render your drawings with colour, texture and cast shadows**, as per your Skills learning
- Remember to include people, furniture, **discreet room labels**. Also label the **surrounding streets with their street names.**

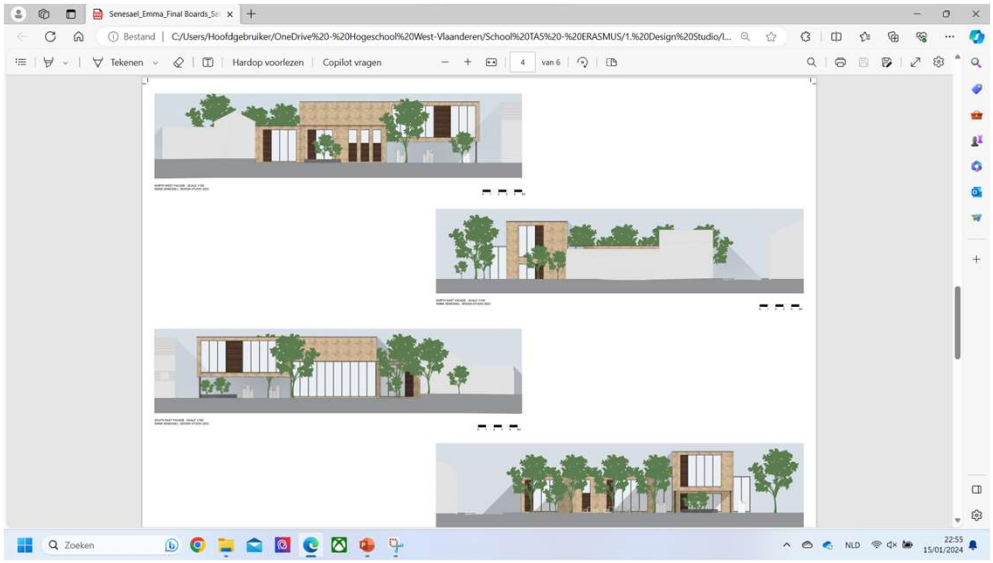


FINAL PRESENTATION BOARD FLOORPLAN

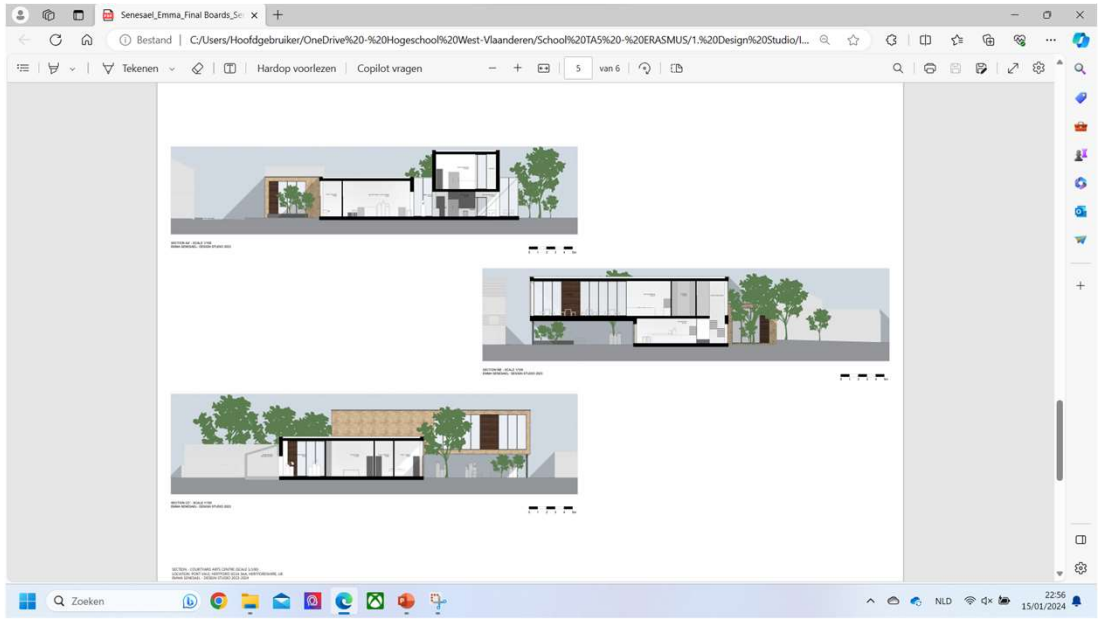


08/01/24 **WK 12**

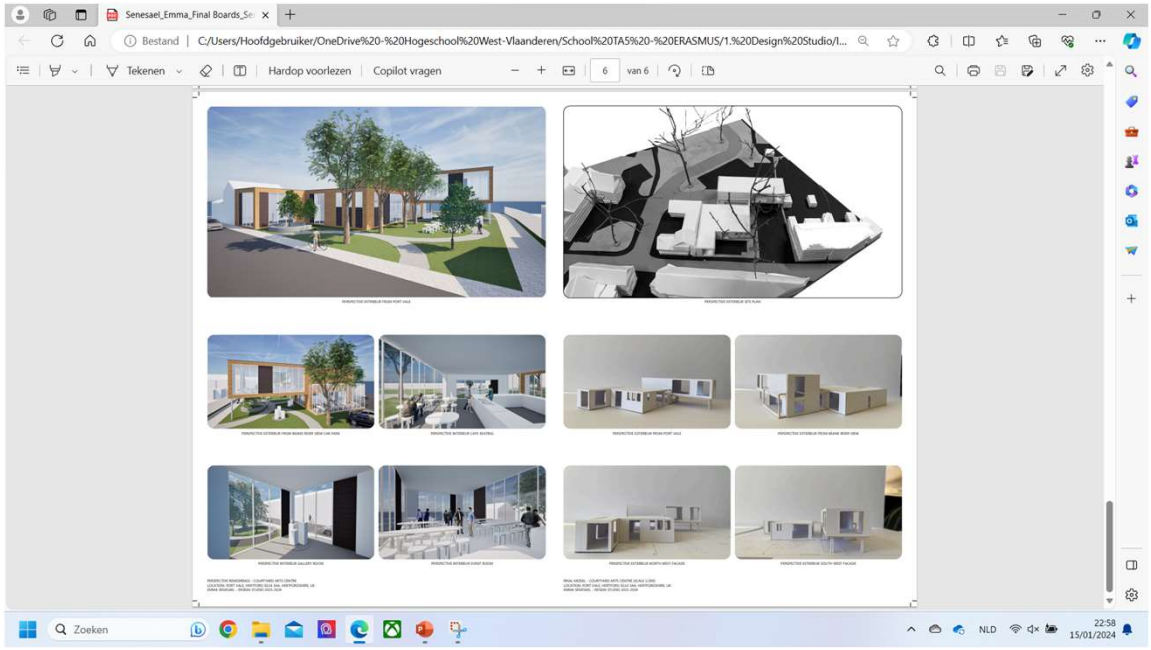
FINAL PRESENTATION BOARD ELEVATION



FINAL PRESENTATION BOARD SECTION

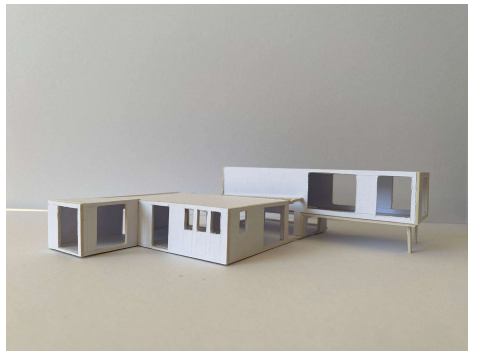


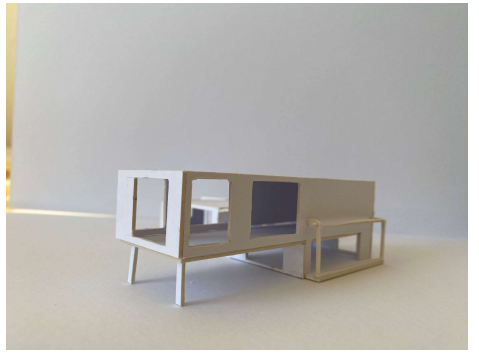
FINAL PRESENTATION BOARD RENDER AND MODEL

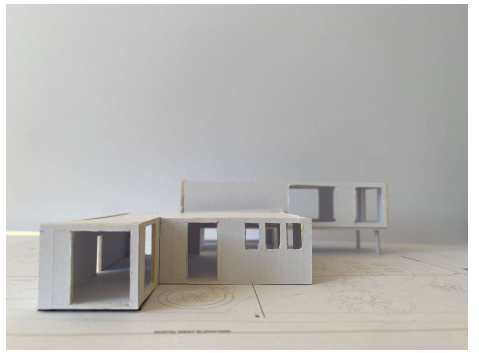


08/01/24 WK 12

FINAL PRESENTATION MODEL SCALE 1/200







FINAL PRESENTATION RENDERS











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