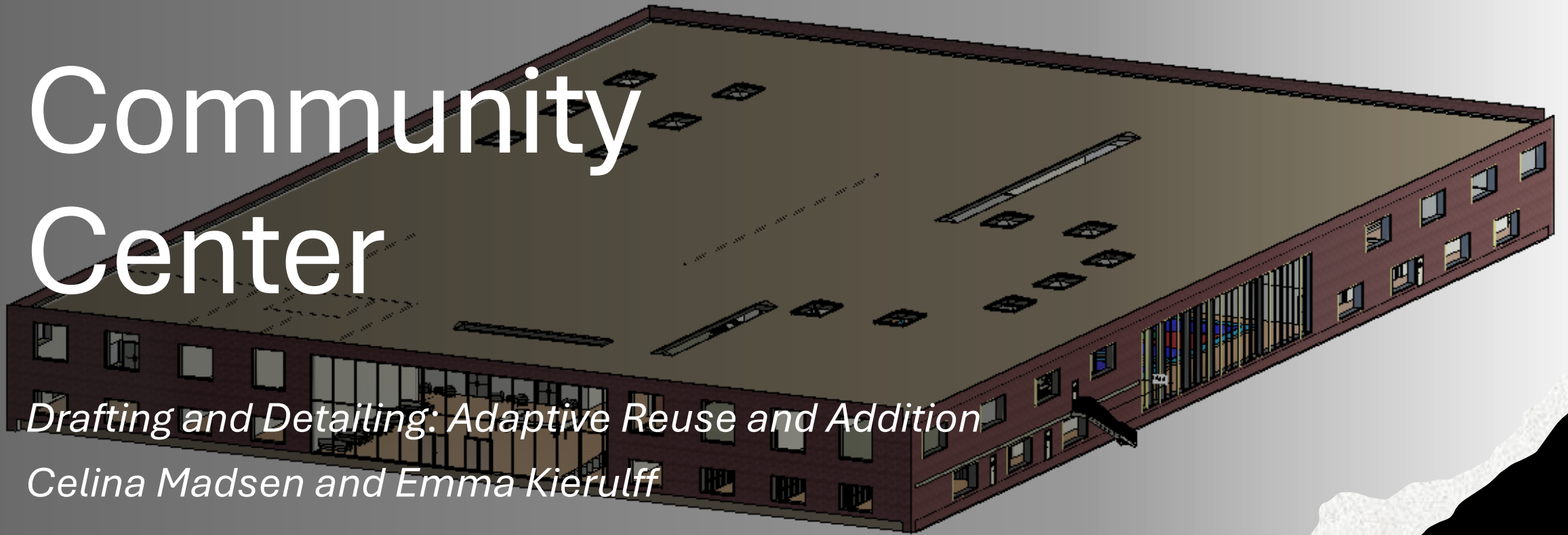


Community Center

Drafting and Detailing: Adaptive Reuse and Addition
Celina Madsen and Emma Kierulff



The site plan shows a central building complex with a large shaded rectangular area. To the left is a parking lot with several parking spaces and a small structure. To the right is another building. The plan includes dimensions for the central building and the parking lot. A north arrow is located in the top right corner.

Project Information:

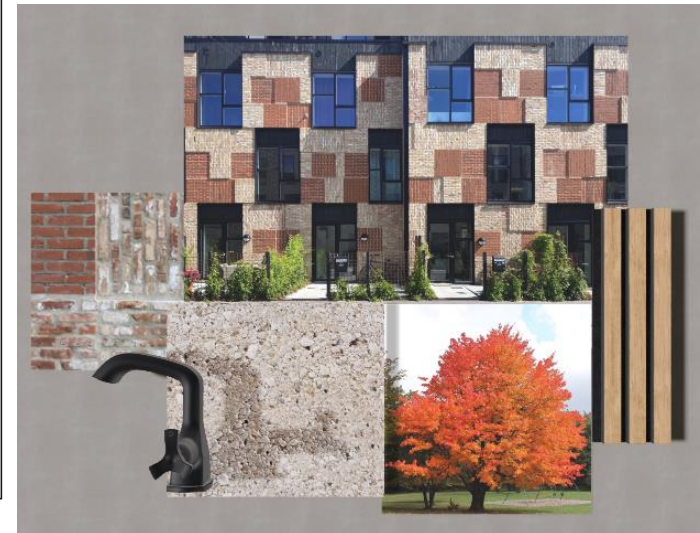
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- Drawn by: Author
- Checked by: Checker
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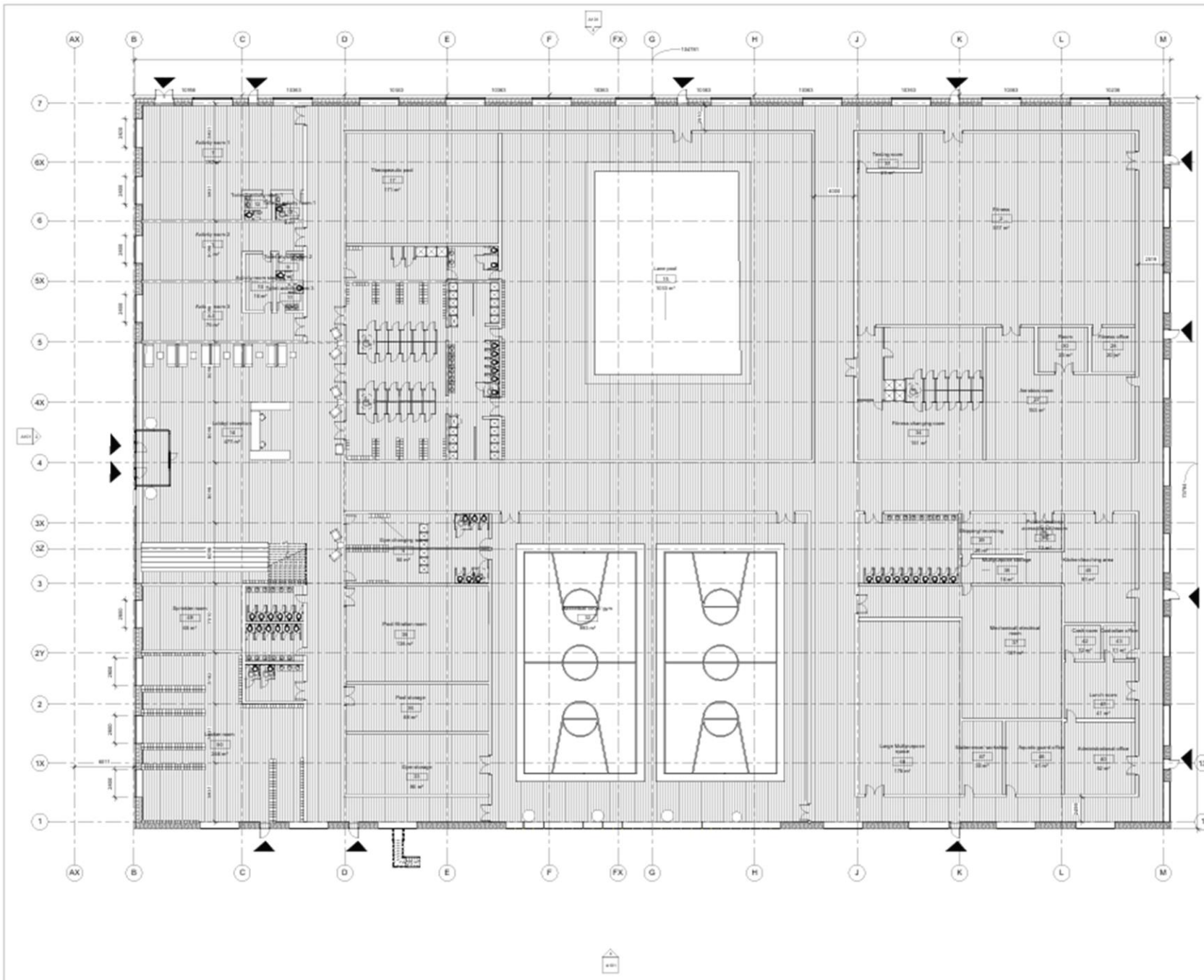
Owner:

Project Name:

Site Plan:

A101



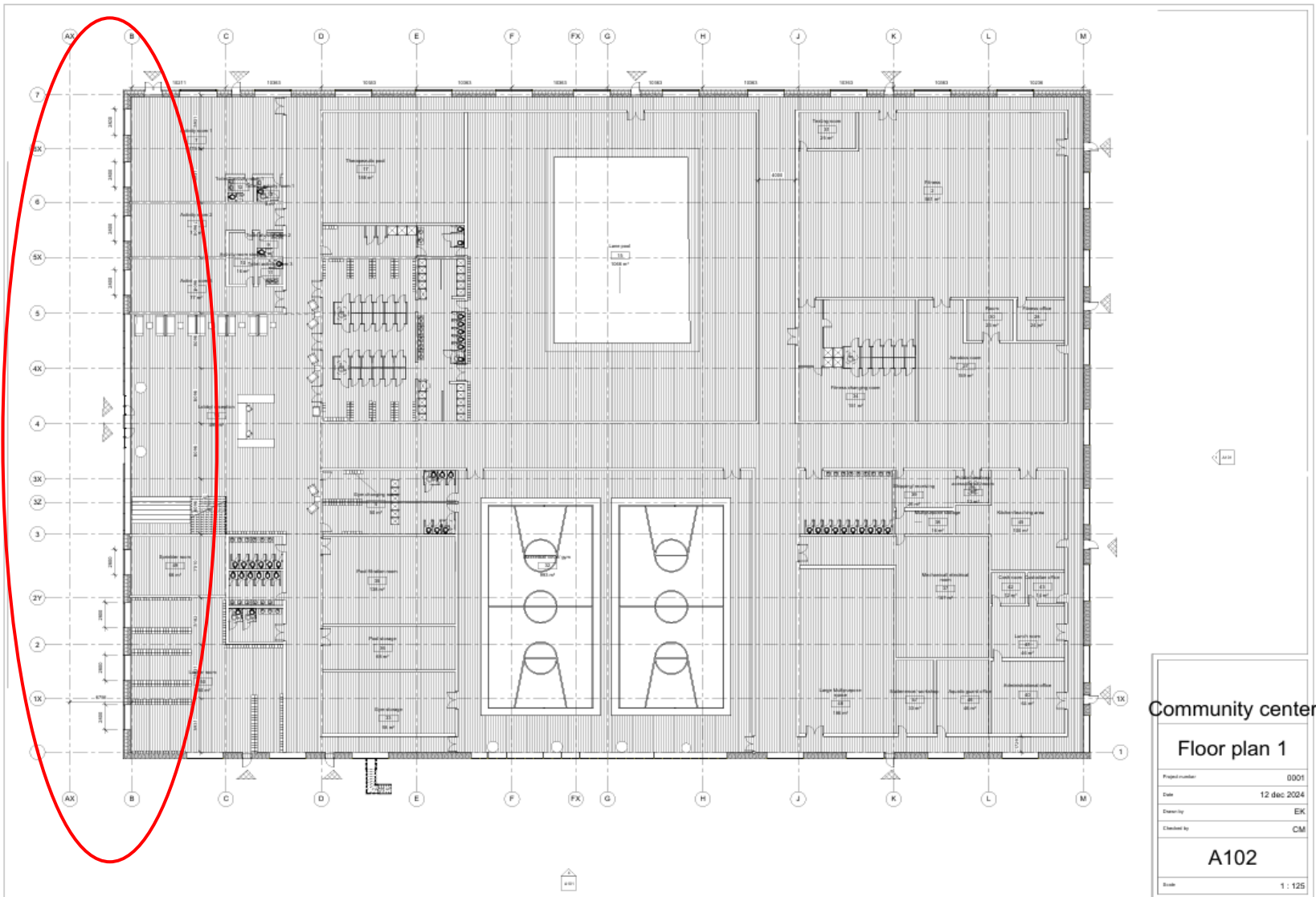


Community Center

Floor plan 1

Project number	0001
Date	12 dec 2024
Drawn by	EK
Checked by	CM
A102	
Scale	1 : 125





Exterior

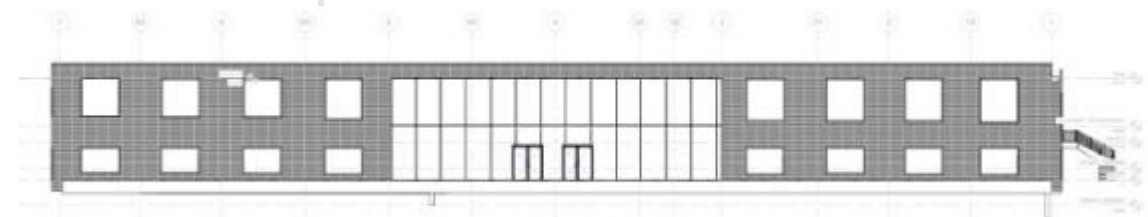
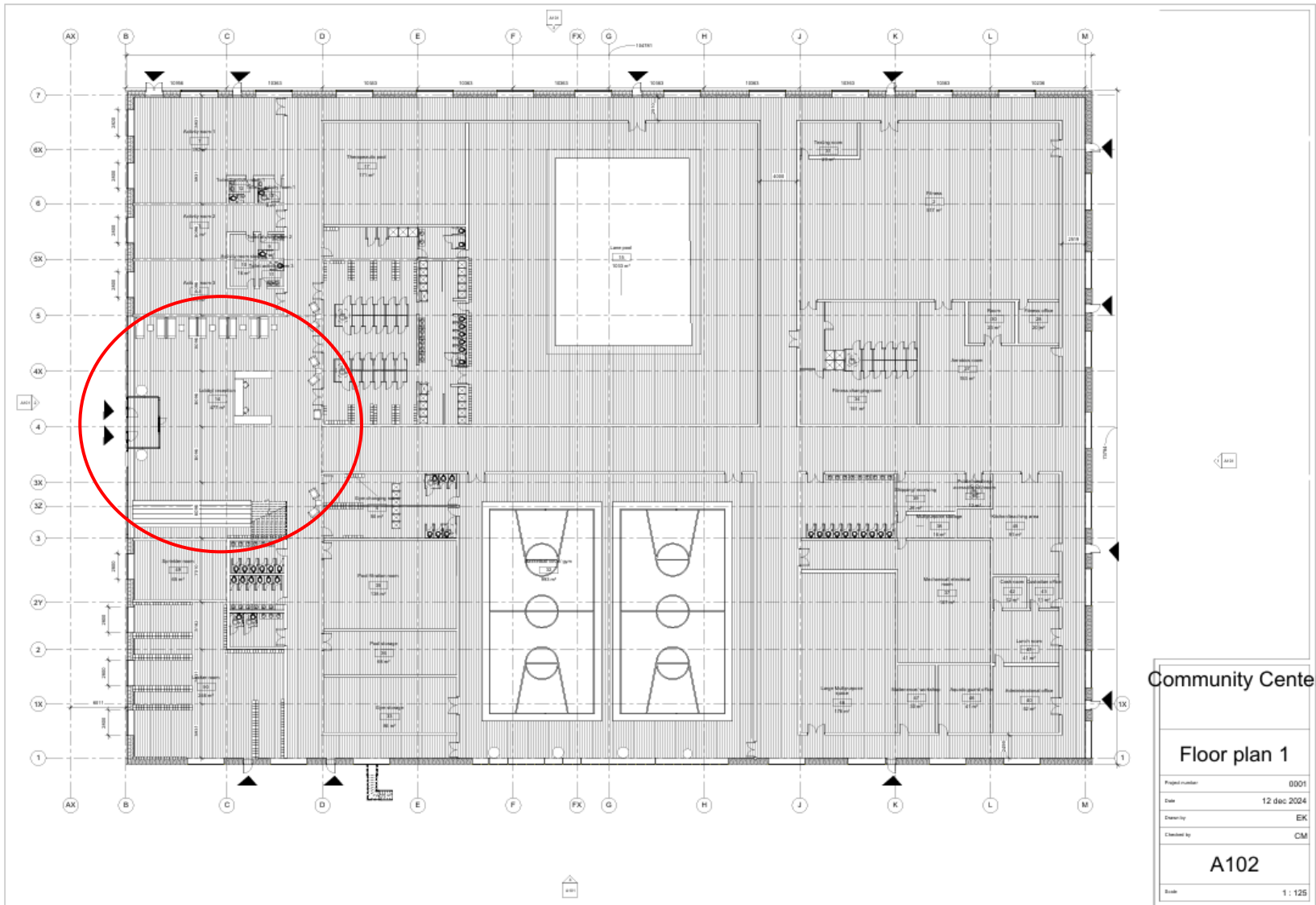




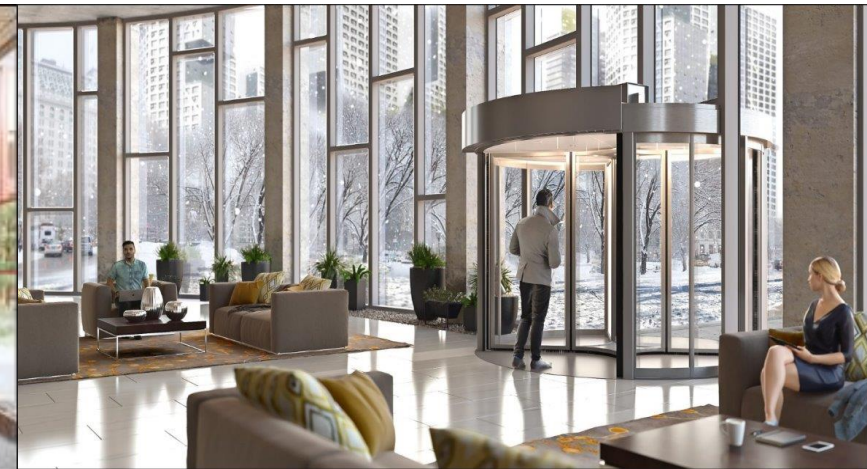
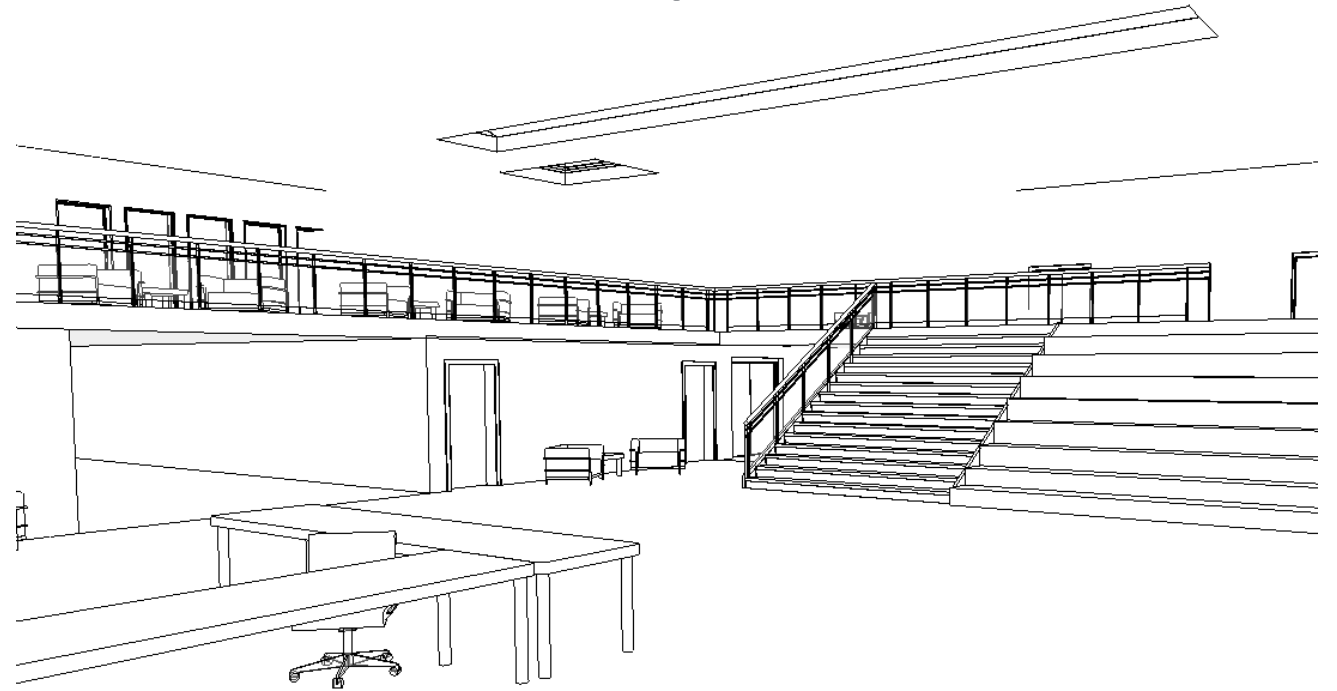
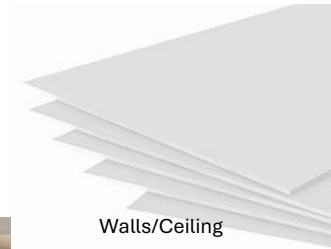
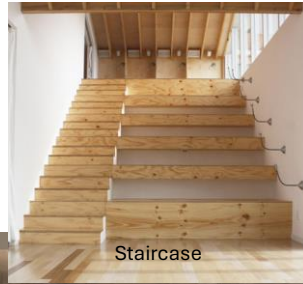
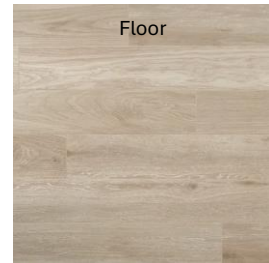
Facades

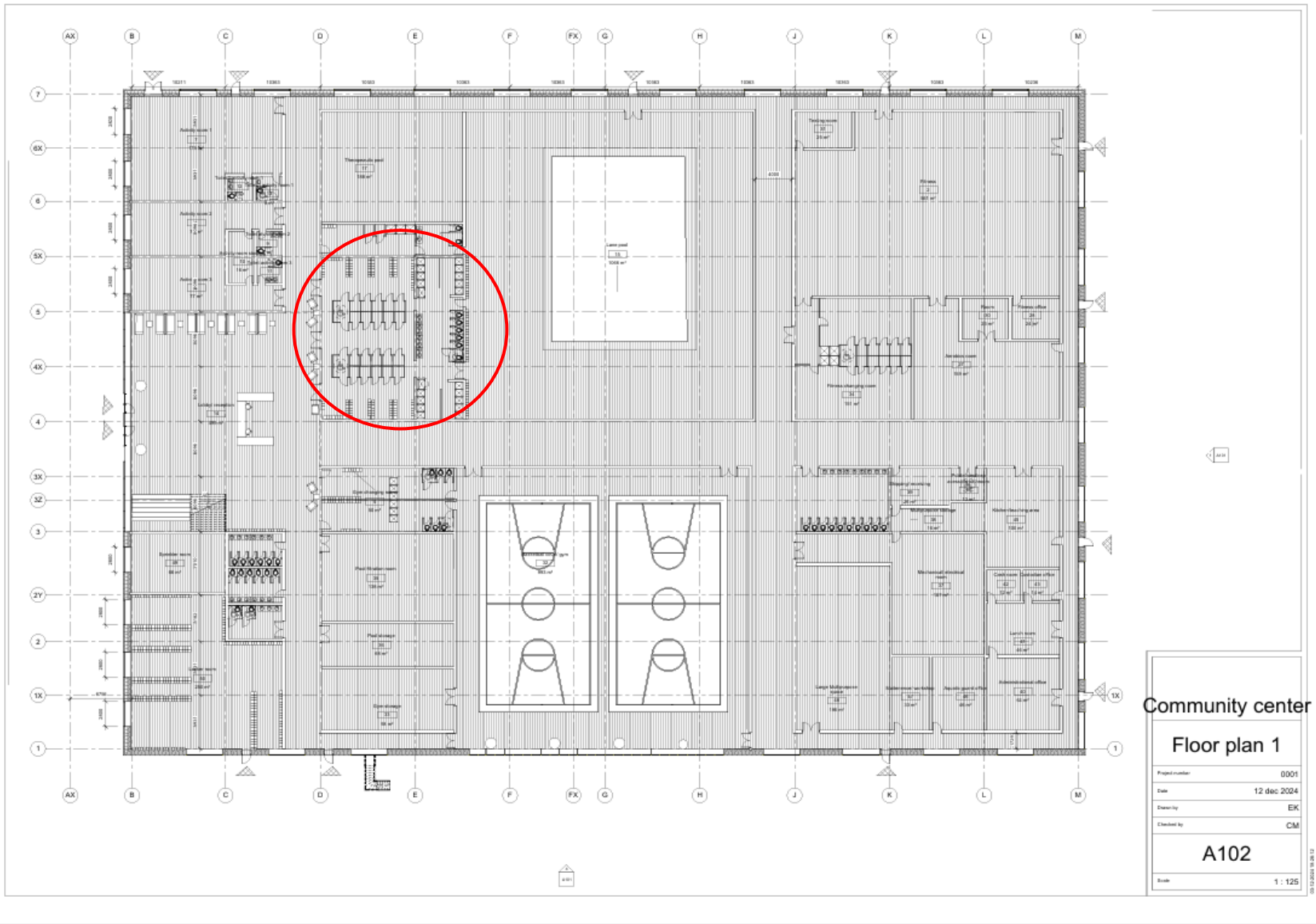
- Reused brick elements from other facades (inspiration Ressource rows in Denmark)
- Good light in South and west facades, into big rooms. The facades can open to reduce overheating
- Black components, such as lights, doors, fences and windows to give contrast to the "messy facade"
- Local plants (maple)

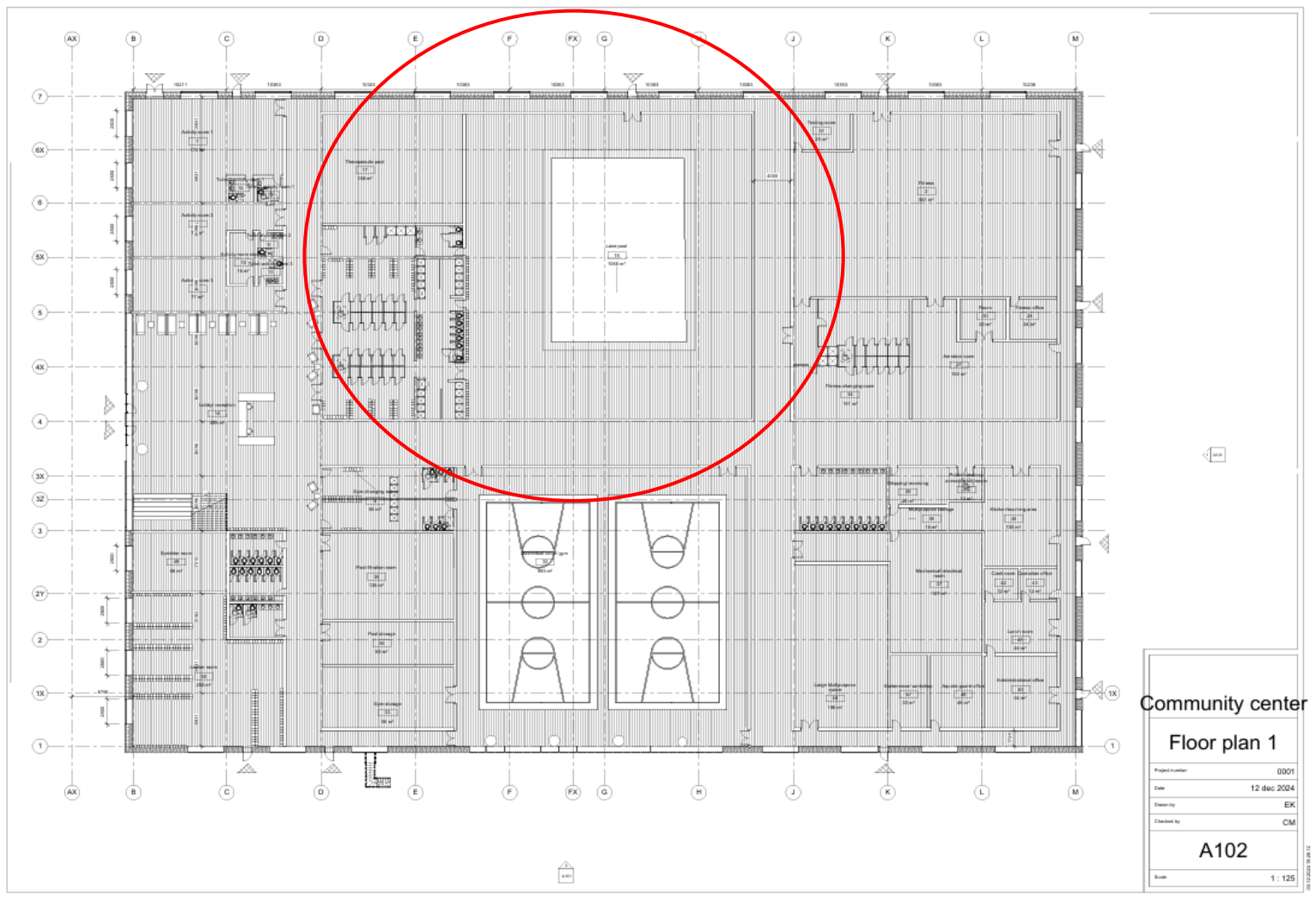




Reception



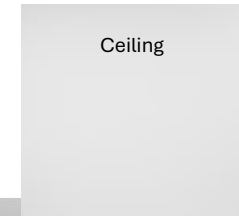




Pool area



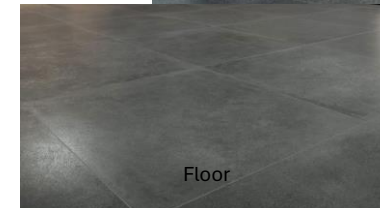
White Ceiling



Ceiling



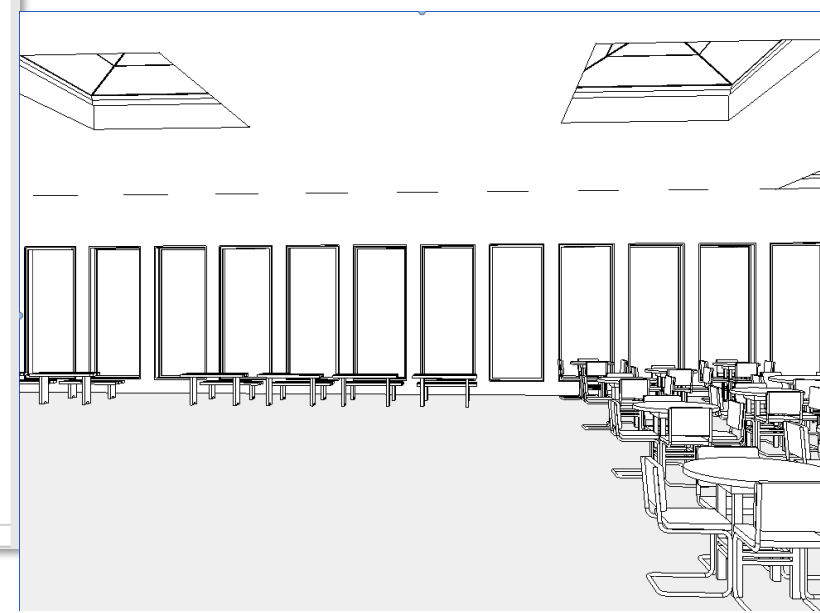
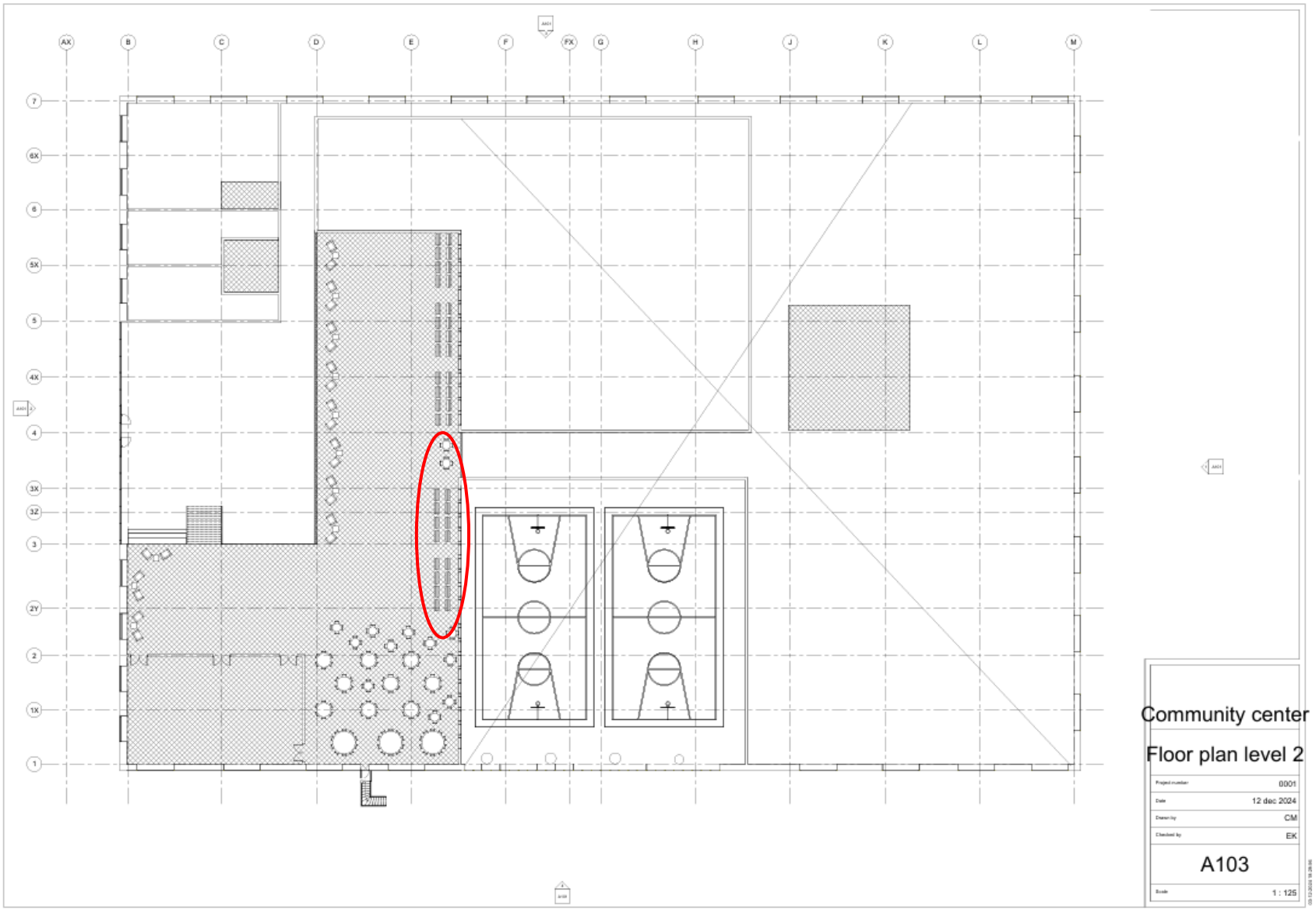
Walls



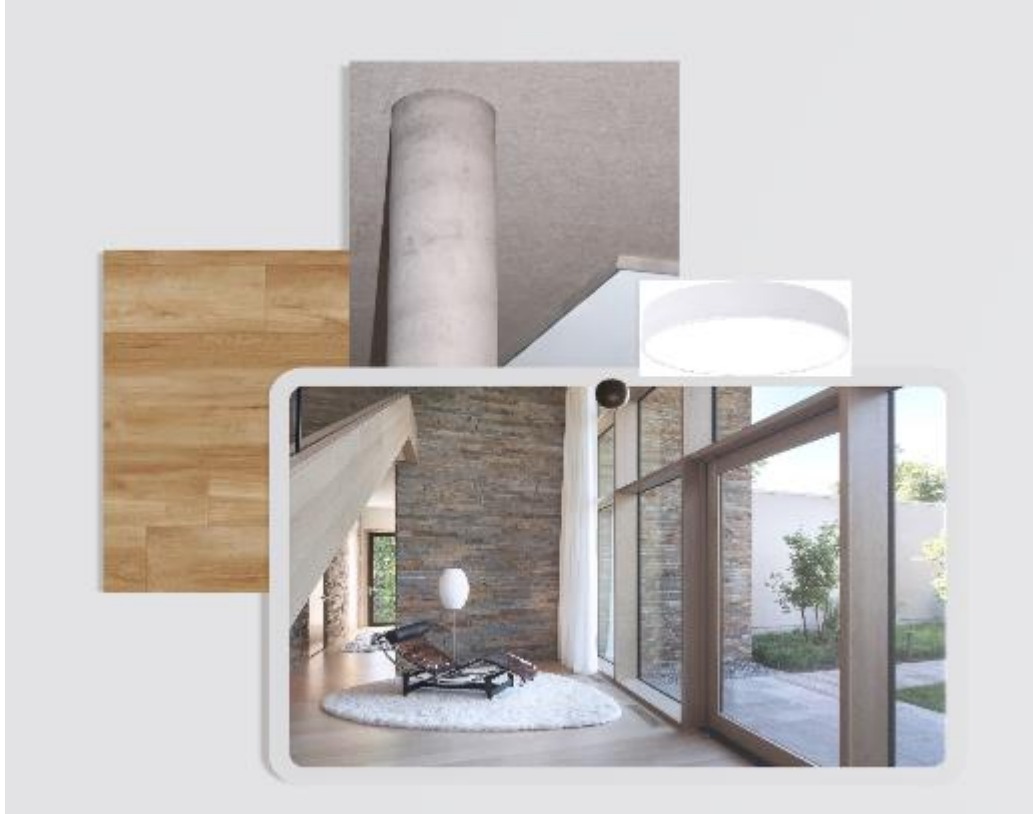
Floor



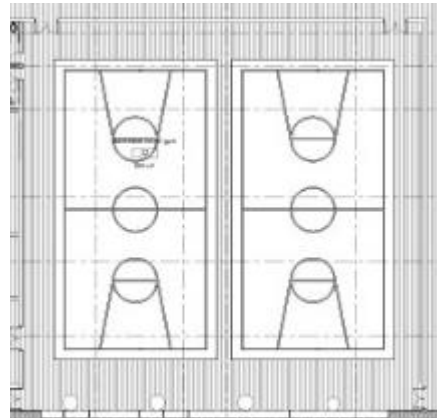
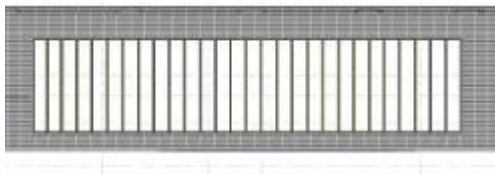
Curtain wall against reception



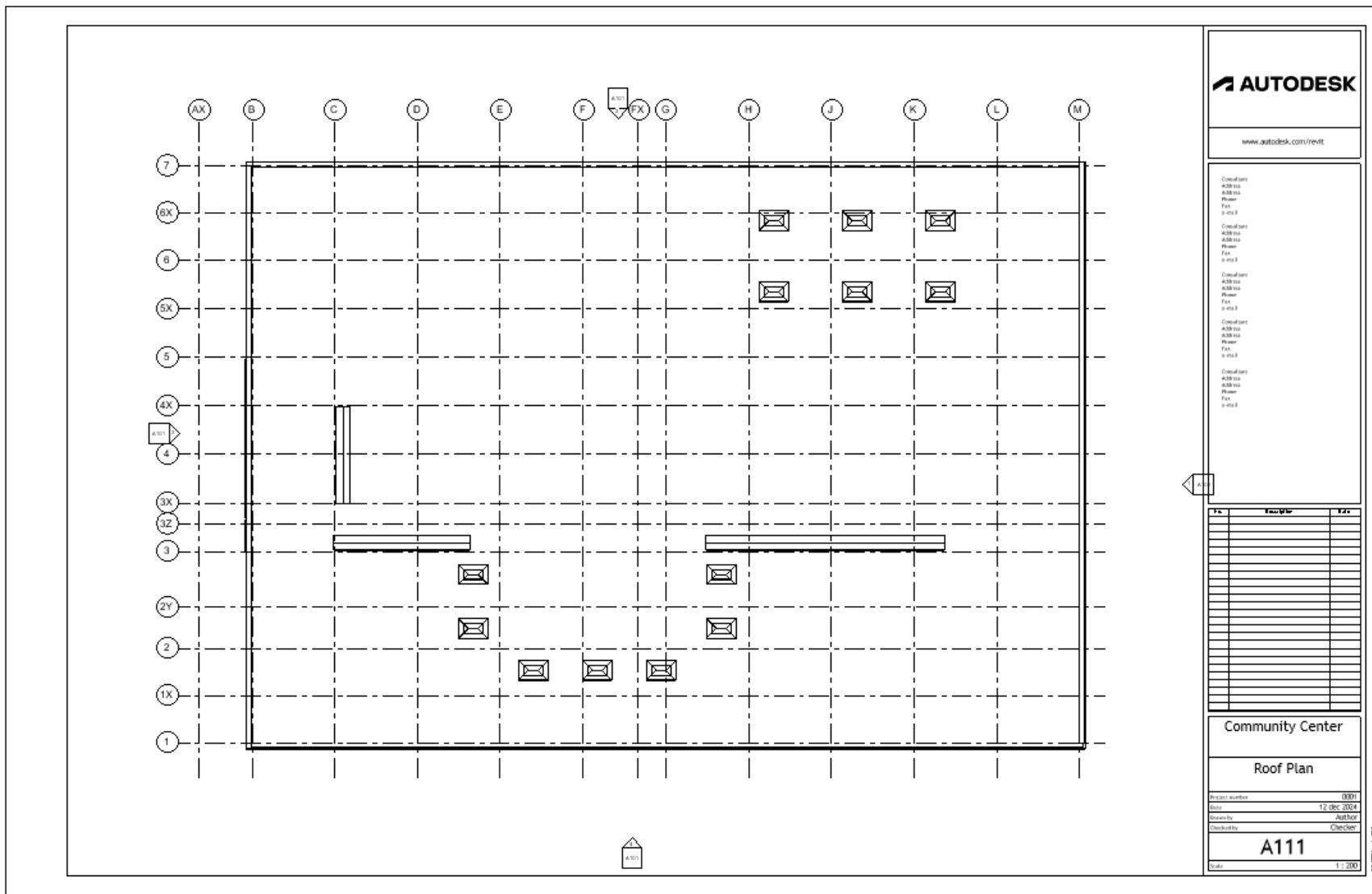
Renderings of basketball court/gym



Exterior and plan view

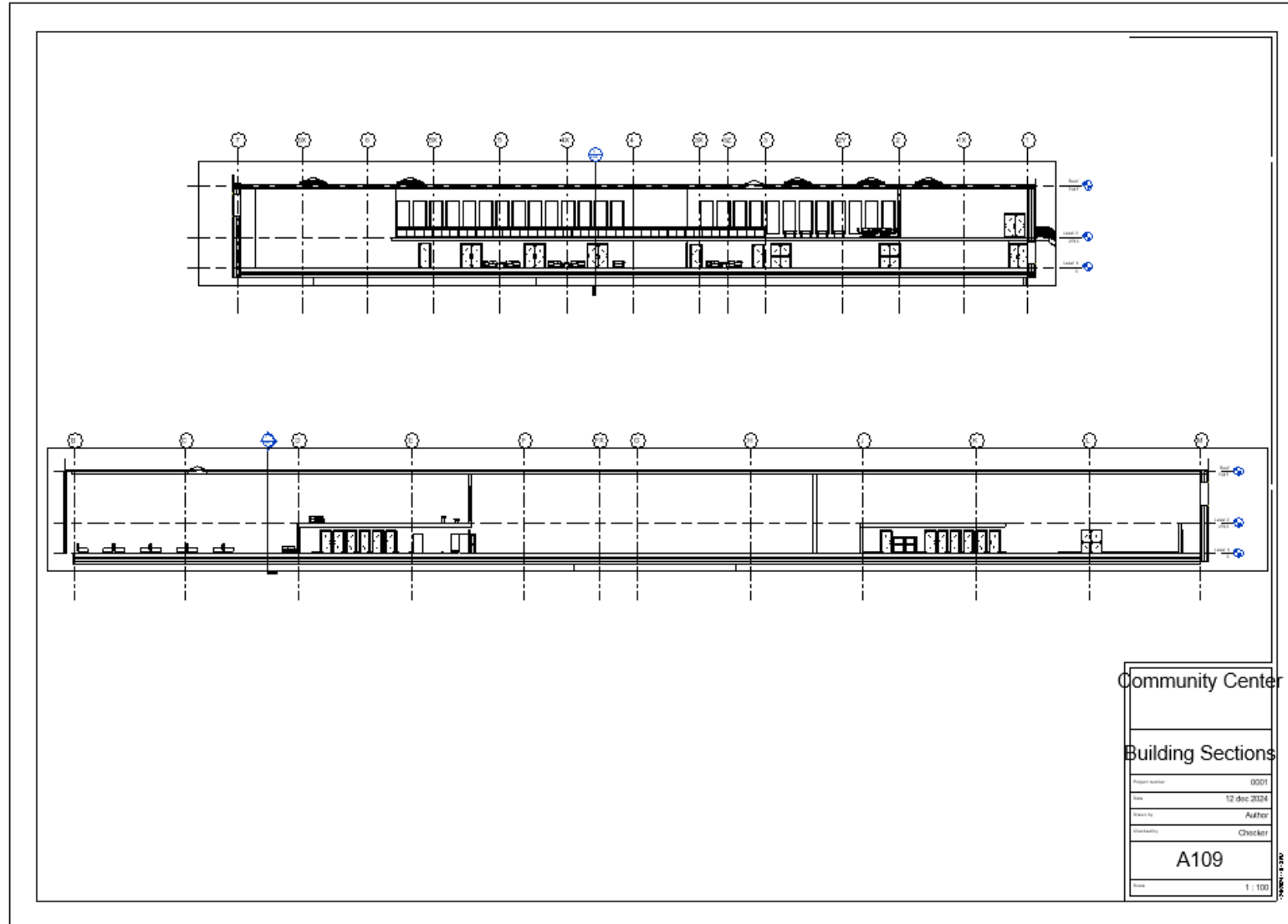


Roof Plan



Building Sections

Cross Section and Length Cut



Technical drawing of a building detail showing a cross-section of a roof and wall assembly. The drawing is divided into three horizontal sections: Roof (7417), Level 2 (2743), and Level 1 (0).

Roof (7417) Section:

- Passport flashing
- Full-adhered water control membrane
- Air control layer transition membrane
- Fiberglass batt insulation
- Water, air and vapor control membrane
- Pool and deck transition membrane air and water control
- Curtain Wall Collection
- Tapered rigid insulation
- Coat
- Wood blocking
- Perimeter of roof insulation wrapped in an airtight membrane to block air from the roof to joist
- Roof membrane
- Two layers of insulation

Level 2 (2743) Section:

- Curtain Wall Collection
- Water and air vapor
- Curtain Wall Collection

Level 1 (0) Section:

- Curtain Wall Collection
- continuous flexible flashing adhered over metal flashing with clip
- drilled anchor
- Reinforced concrete slab with plates cast into slab
- Continuous steel shelf angle
- foam insulation continuous between clip edge and shelf angle
- Concrete floor rigid insulation

Preliminary Construction Details

90 mm brick veneer with concave bodied joints
100 mm rigid insulation
150 mm steel stud, gypsum sheathing 15 mm
free drainage
HSS support bracket welded to slab edge with plates
continuous flexible flashing adhered over metal flashing with drip
foam insulation continuous between slab edge and shelf angle
bolted connection HSS stud in steel, vert. seal in HSS bracket steel shims as required
continuous steel shelf angle
concrete faced rigid insulation
150 mm to grade at building

EXTERIOR

INTERIOR

Level 1

B

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No.	Description	Date

Community Center

Unnamed

Project number 0001
Date 12 dec 2024
Drawn by Author
Checked by Checker

A113

Scale 1 : 10

12 12 2024 15:11:39

Parapet flashing
Full-Adhered water control membrane
Air control layer transition membrane
Fiberglass batt insulation
Water, air and vapor control membrane
Purlin and rick transition membrane, air and water control
Tapered rigid insulation
Cant
Wood blocking
Perimeter of roof insulation wrapped in air control membrane to block air from the roof to parapet
Roof membrane
Two layers of insulation
Roof

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No.	Description	Date

Community Center

Construction Detail 1

Project number 0001
Date 12 dec 2024
Drawn by Author
Checked by Checker

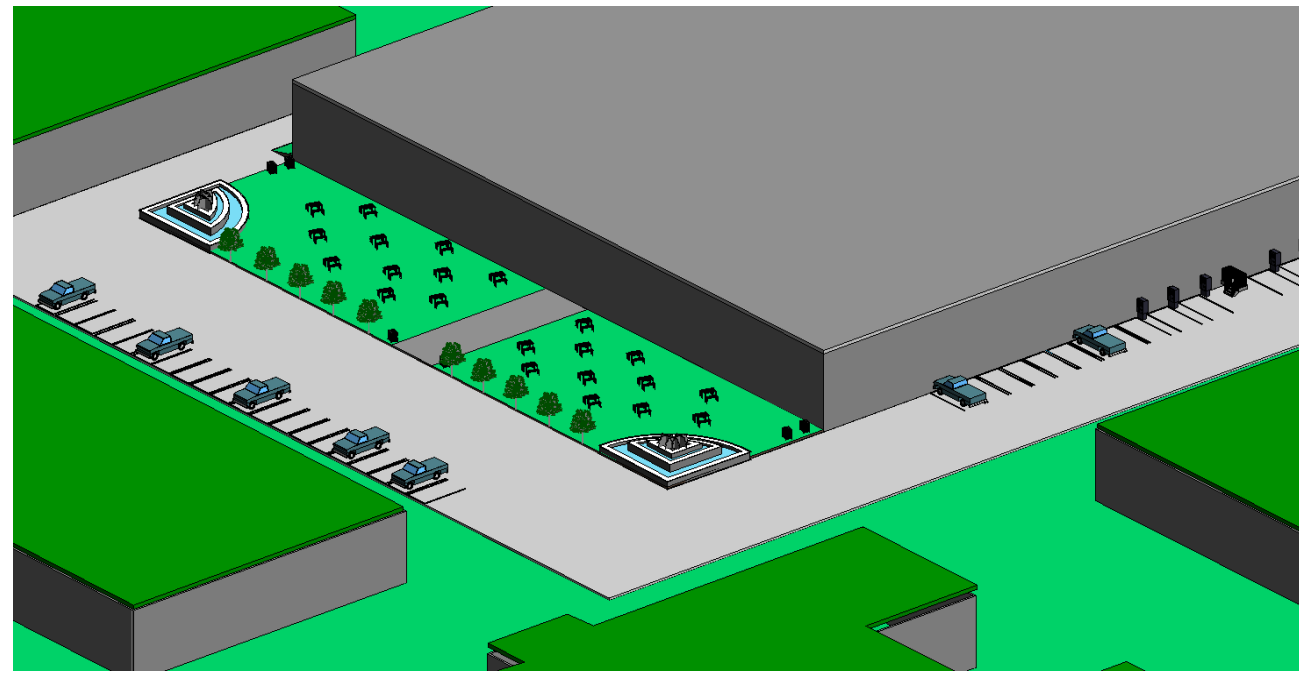
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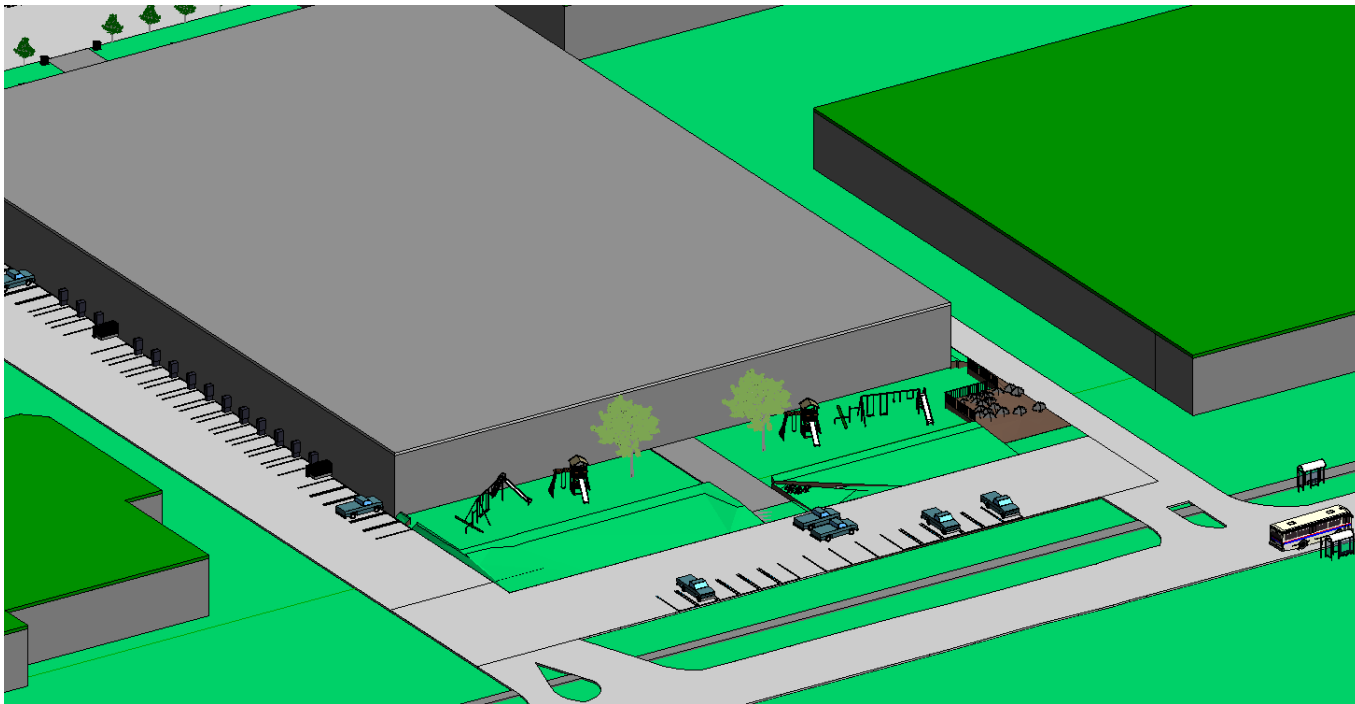
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Renderings

Outside



Front



Back