

Session 2 2024
Nicola Deen
Architecture (T)

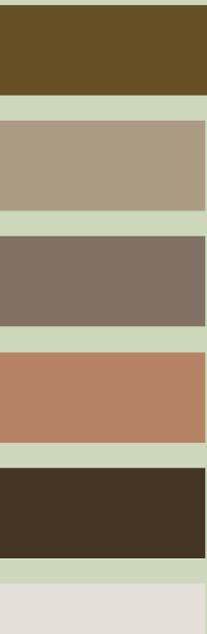


Art Deco Restaurant

Brainstorm & Moodboard



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Research: Architecture in Asmara, Eritrea

At over 2000 metres above sea level, Asmara, the capital of Eritrea developed from the 1890s onwards as a military outpost for the Italian colonial power. After 1935 due to Mussolini's rule and the influence of Italian futurism, Asmara underwent a large-scale programme of construction applying this principle. Asmara is a well-preserved example of a colonial-planned city. The urban layout is based mainly on an orthogonal grid which later integrated elements of a radial system. Buildings like cinemas, shops, banks, religious structures, offices, and residential buildings had art deco and futurist influences.



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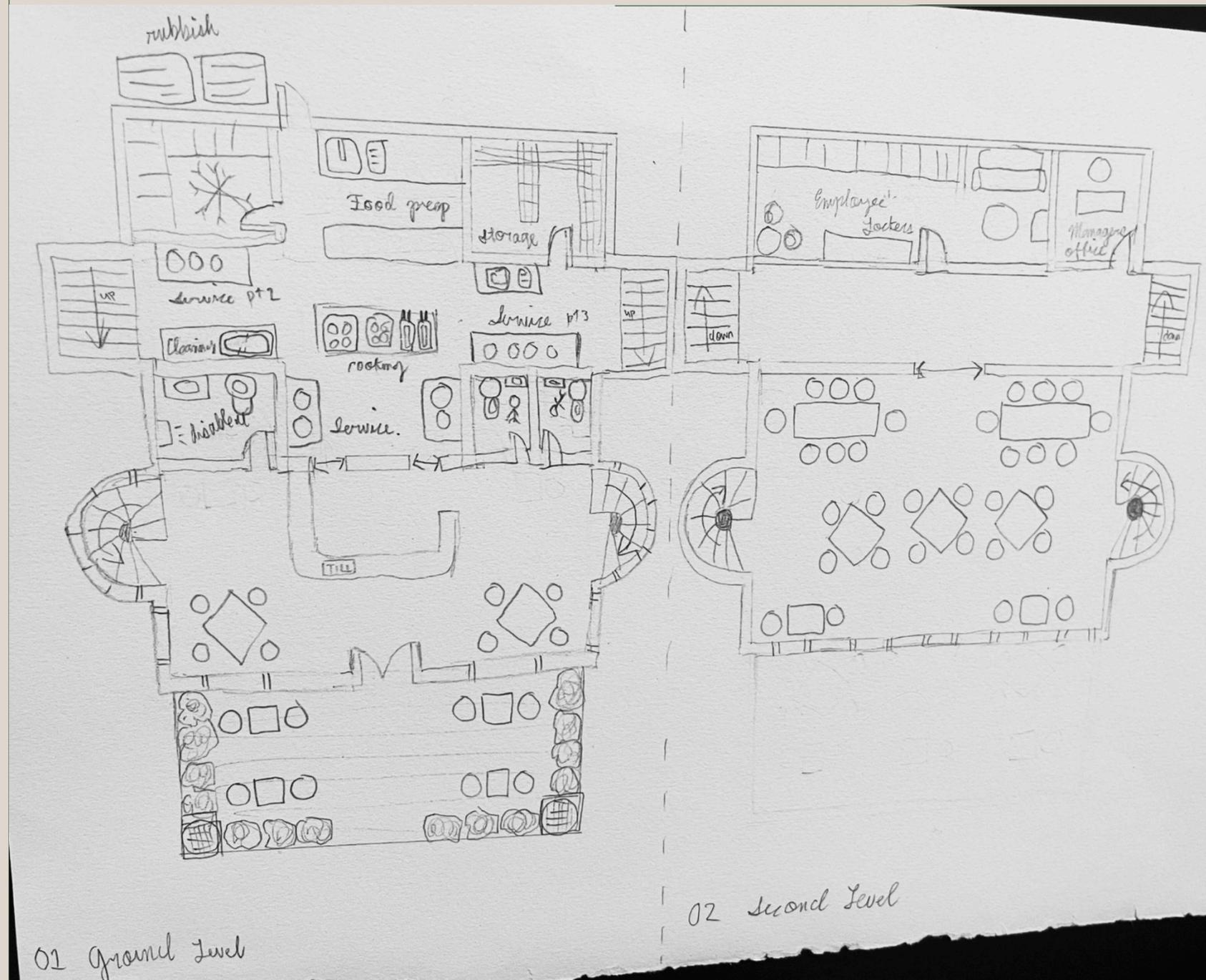
Architecture in Asmara has been described as modernist, characterised by the specifically Italian interpretation of Rationalism and the pre-WW2 fixation on Art Deco.

The modernist style emphasises volume, asymmetrical compositions and minimal ornamentation. In Eritrea, the iconic Fiat Tagliero service station is the best example. It is very organic and has huge wings protruding off the centre. Italian engineer Giuseppe Pettazi intended for it to look like an aeroplane.

Recalling the distinguishing features of the Art Deco style, they are simple, clean shapes with a “streamlined” look. Ornamentation is geometric or stylized from a representational shape. The Cinema Impero was inspired by Art Deco, and you can see the streamlining through the vertical windows. There is also ornamentation present with these circles on the windows.



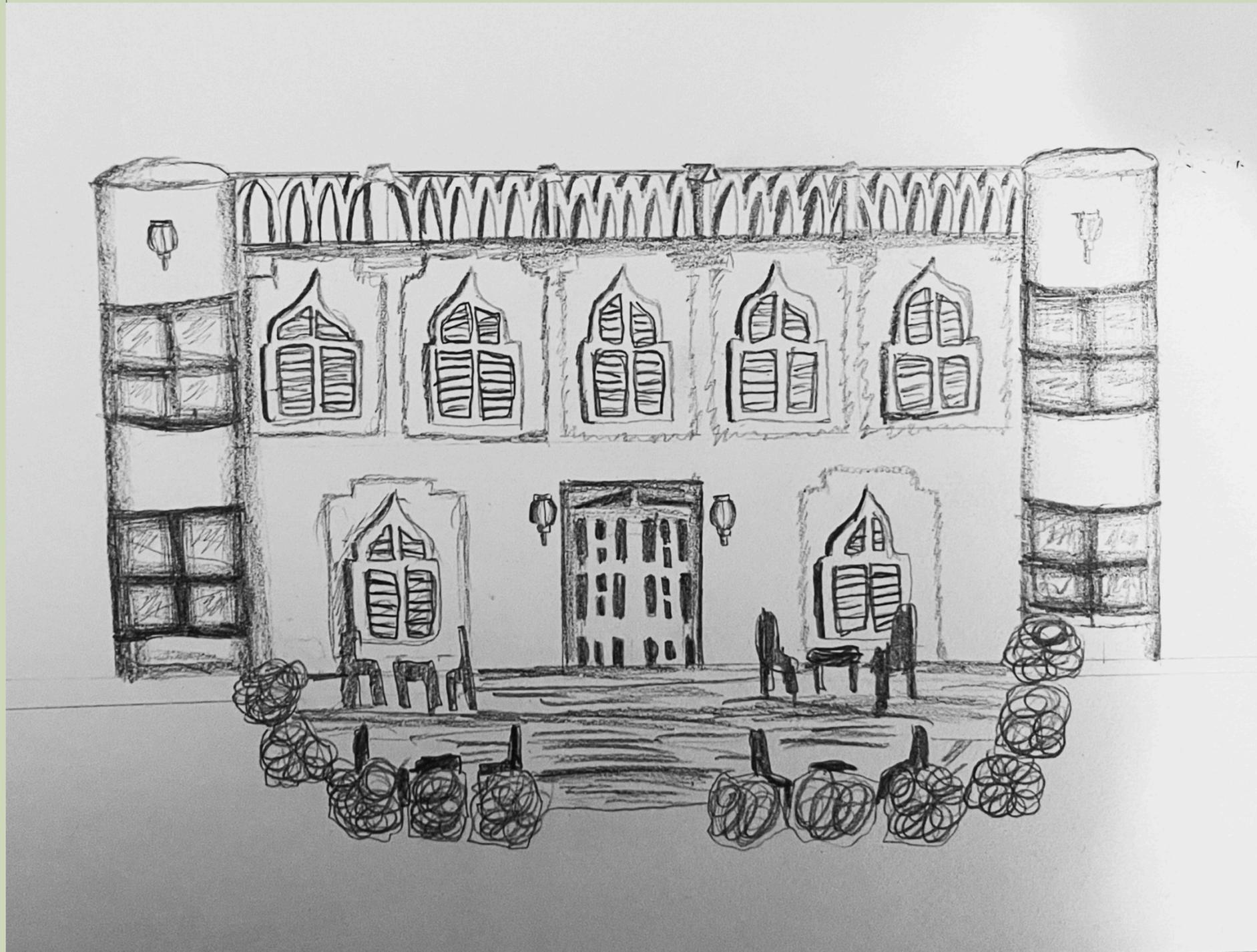
Sketches



I did these floorplans and elevation sketches over the holidays. I've been sick so I couldn't visit any restaurants as of Friday, week 1 of the holidays. The proposed floorplan on the left is two floors and meets all the assignment criteria, including bathrooms, staff rooms, service area, outdoor seating and storage. I also placed an exit out the back for dumping rubbish and a seamless emergency exit for staff in case. My design contains a bar in the service area and two spiral staircases that connect the service area to a second service area with more seating. I thoughtfully incorporated staff staircases for ease of movement onto the second floor.

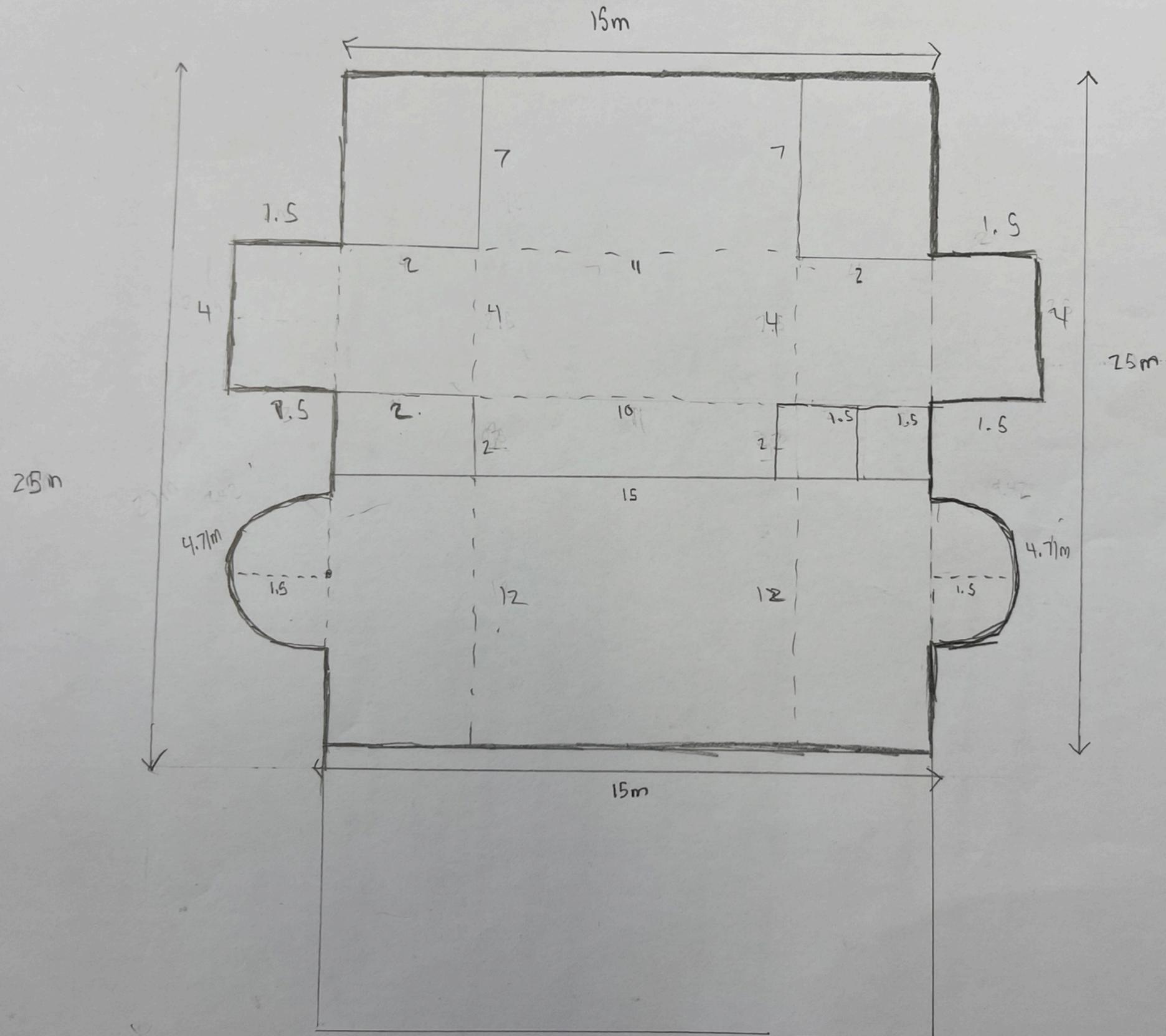
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On the above drawing which I'm not sure whether I want it north or west facing, you can see the Art Deco influence through the front facade. There is ornamentation on the doors and the roof inspired by real ornamentation in Massawa. There are pillars where the spiral stairs will be. I also used these tear drop-like windows which I saw in an Eritrean building. I added some lantern lights near the door and on the pillars for ambiance. Some things could be improved in this design such as the kitchen which is quite cramped. The logistics of operating a two-story restaurant is a lot more difficult. I feel like I should move the kitchen upstairs instead of downstairs because there is more seating upstairs.

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Height: 2700mm

$$C = 2\pi r$$

$$C = 2\pi \times 1.5$$

$$C = \frac{9.42}{2}$$

$$C = 4.71 \text{ m}$$

Total area: 394.07
 base: $25 \times 15 = 375$
 staff stairs: $2(4 \times 1.5) = 12$
 guest stairs: $2 \left(\frac{\pi r^2}{2} \right)$
 $\approx 3.53 \text{ m each}$
 $2 \times 3.53 = 7.06 \text{ m}$

375
 12

Architect's Statement

I was tasked to design a distinctive and stylistic building for a stand alone restaurant, located in Eastlake Kingston. The design had to consider functionality and aesthetic inspired by an Architectural movement or cultural design. For my design, I chose to design an Eritrean restaurant inspired by the Art Deco architectural style.

It was crucial that the design suits the needs of both staff and customers. This meant thorough consideration of both the dining space and kitchen. One of my objectives was to ensure ease of movement and convenience for staff. This was especially a challenge considering the nature of a two-story restaurant. It could be difficult for staff to deliver food to the second level, especially during rush hours. The key elements supporting this goal are the staff staircases for staff to transport food upstairs fast and a centralised kitchen system, where everything is in close proximity. Customers who dine in can choose to dine outside, on the ground level or upstairs, which are supported by stylish spiral staircases. Both dining areas are spacious and contain plenty of room for both staff and customers to move around.

The overall architectural style and front facade is reminiscent of the art deco style, through its grandiose, elegant pillar buildings creating a sense of verticality, among other features such as the railings, entrance, and windows. Yet the concept goes beyond the architectural style, for it was inspired specifically by the art deco architecture in Eritrea's capital, Asmara. A small East-African country with a fascinating history impacted by colonialism and a struggle for independence, Eritrea, especially Asmara, has a unique Italian identity with many well-preserved, beautiful art deco buildings from its time under Italian rule. Thus, the customers get to experience and learn about a distinctively different culture through the design's Art Deco influence.

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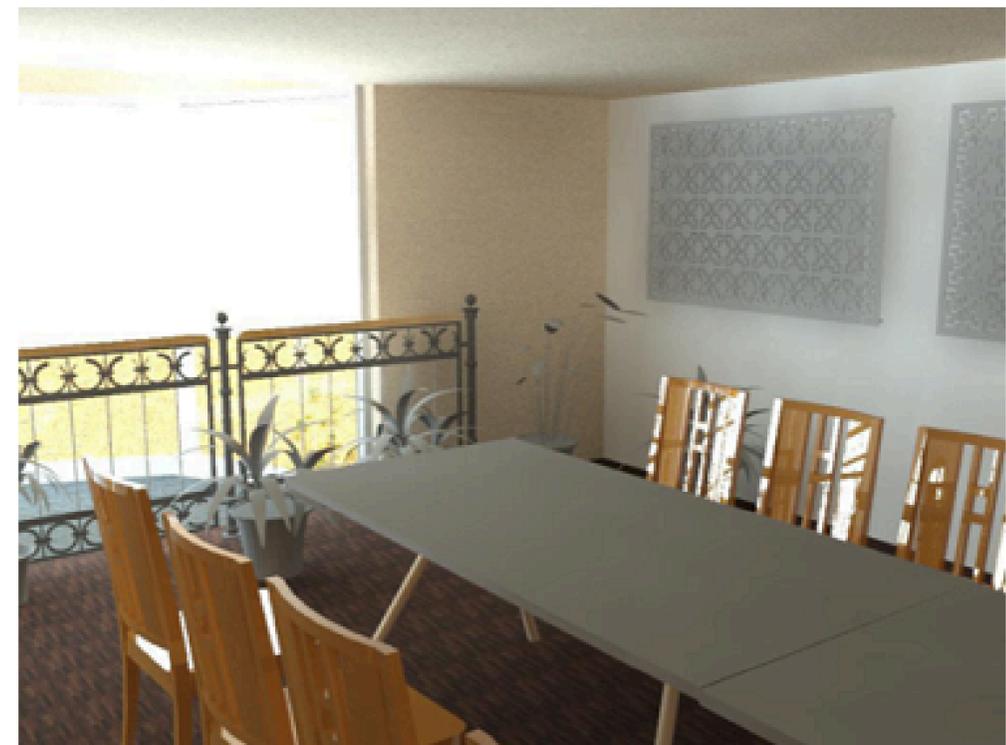
No.	Description	Date

Nicola Jean Deen

Revit Restaurant

Art Deco Eritrean Restaurant		A102	1 : 1
Project number	0001		
Date	Issue Date		
Drawn by	Author		
Checked by	Checker	Scale	

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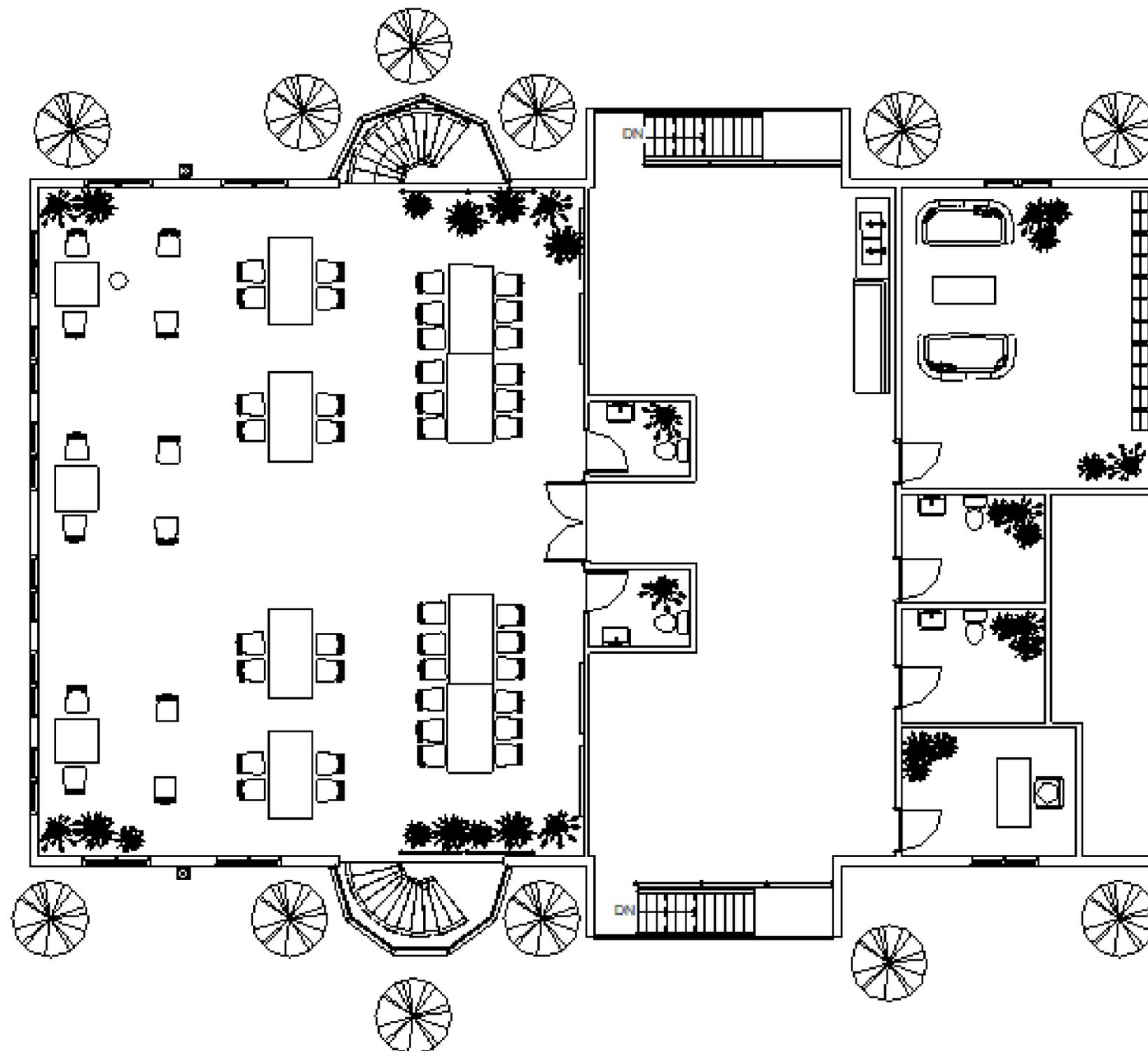



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No.	Description	Date

Nicola Jean Deen
 Revit Restaurant

Interior Renders		A103	Scale	1:1
Project number	0001			
Date	Issue Date			
Drawn by	Author			
Checked by	Checker			



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No.	Description	Date

Nicola Jean Deen
 Revit Restaurant

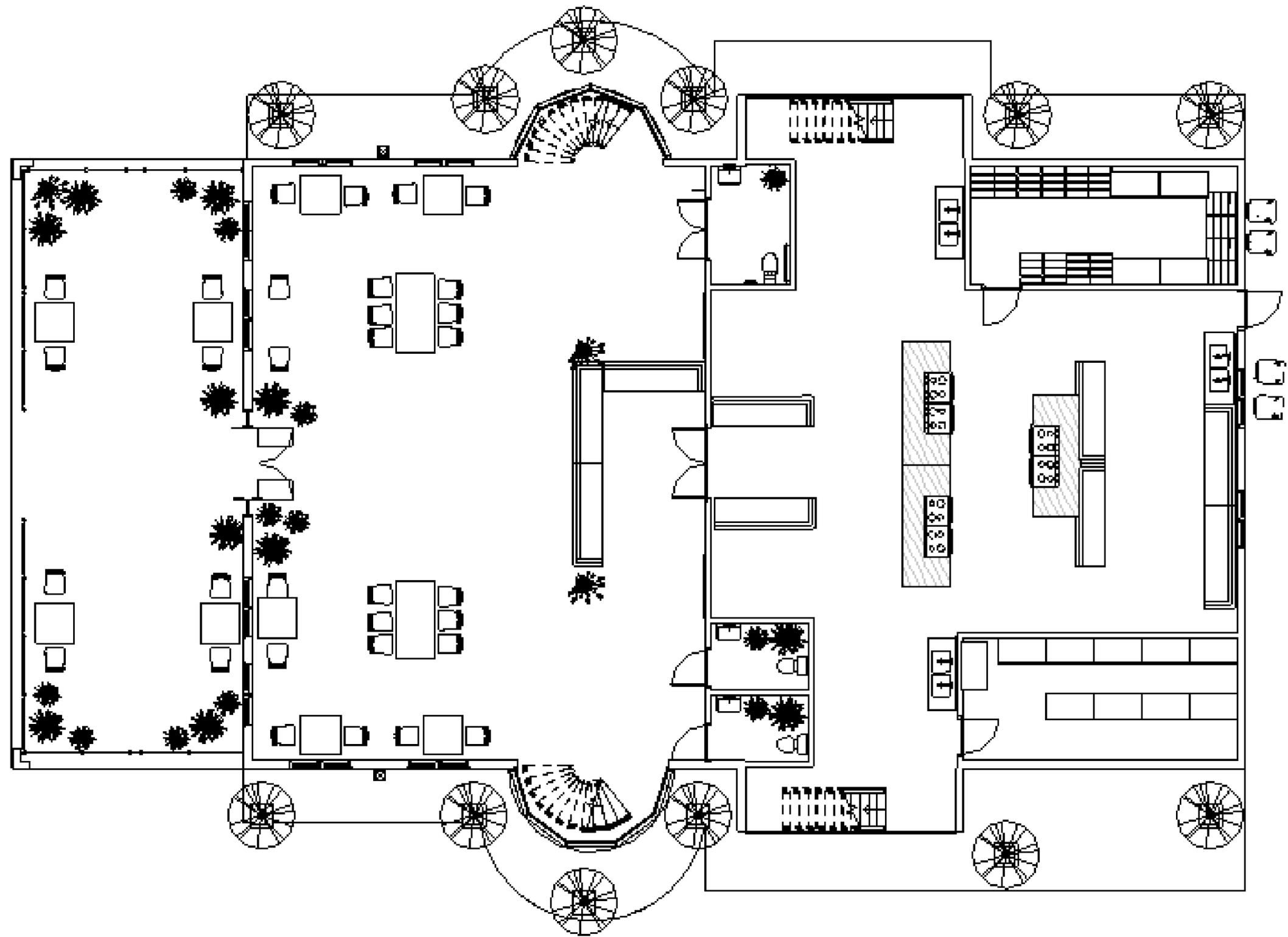
Second Level Floor Plan

Project number	0001
Date	Issue Date
Drawn by	Author
Checked by	Checker

A105

Scale 1 : 100

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No.	Description	Date

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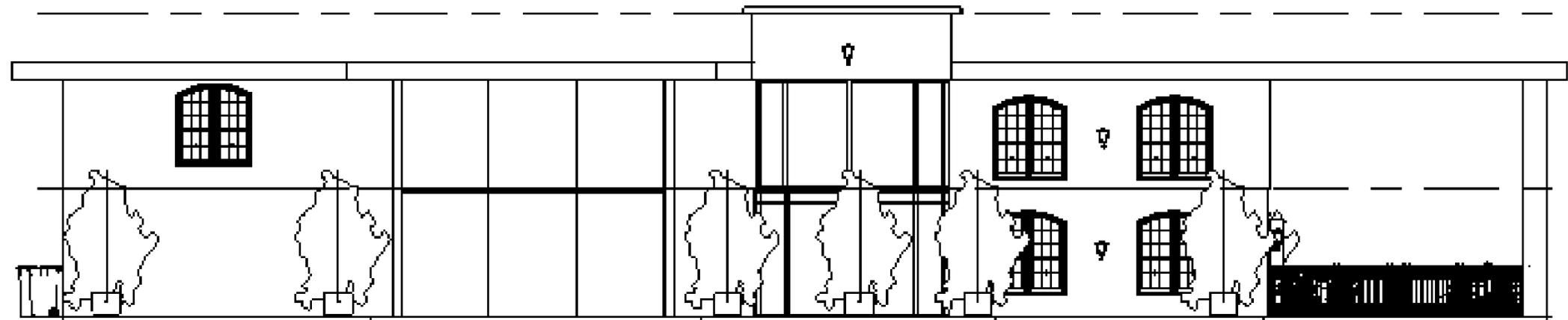
Ground Level Floor Plan

Project number	0001
Date	Issue Date
Drawn by	Author
Checked by	Checker

A104

Scale 1 : 100

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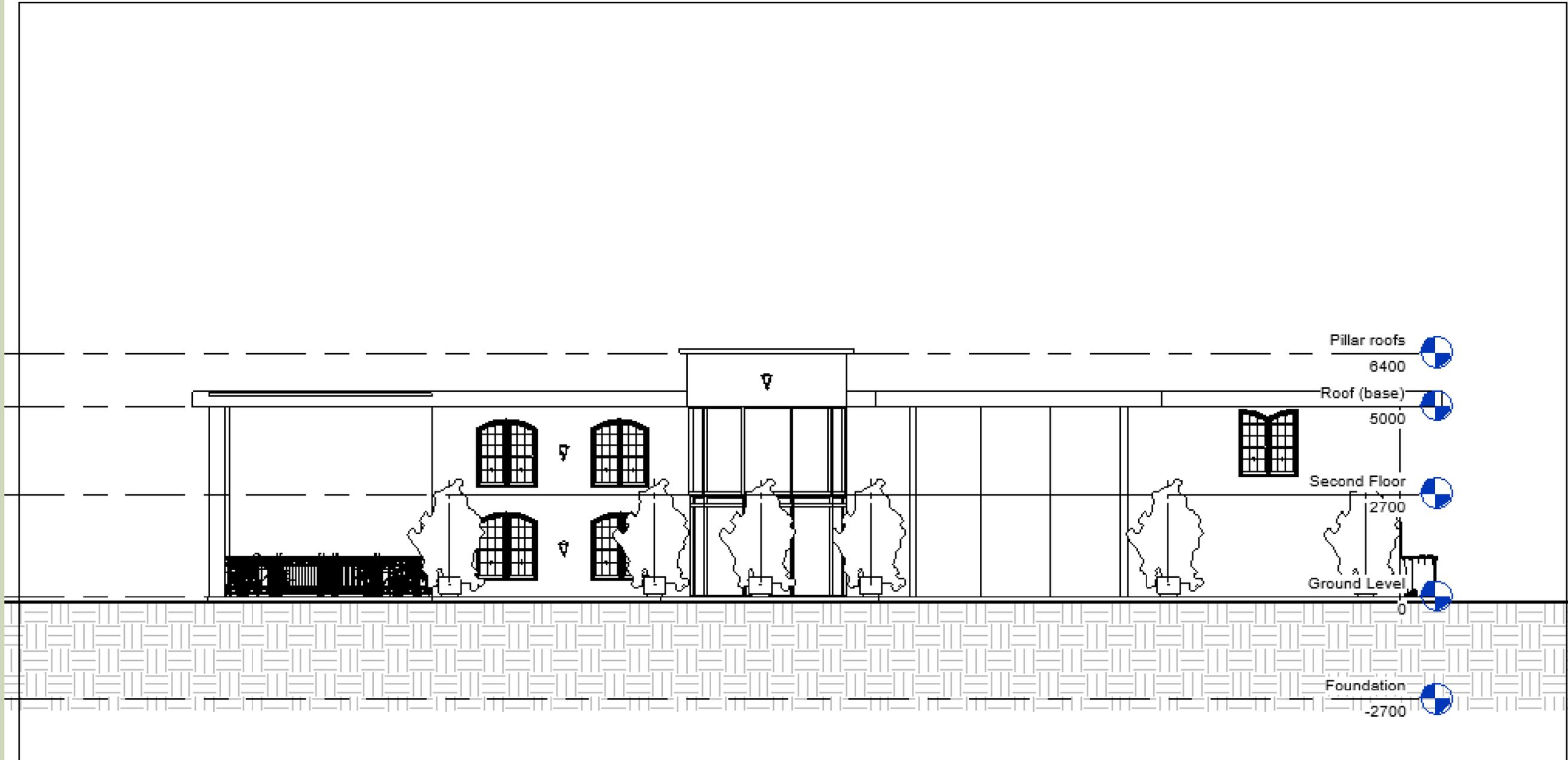
No.	Description	Date

Nicola Jean Deen
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North Elevation	
Project number	0001
Date	Issue Date
Drawn by	Author
Checked by	Checker
Scale	1 : 100

A106

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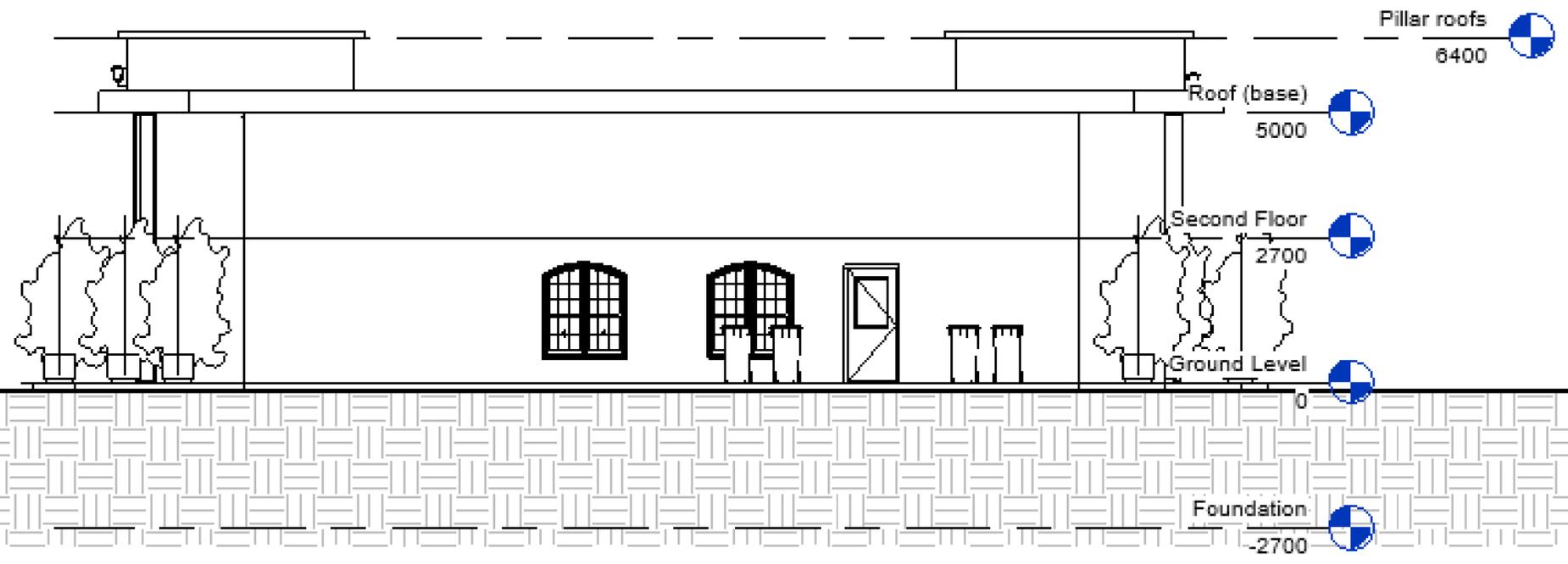
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No.	Description	Date

Nicola Jean Deen
 Revit Restaurant

South Elevation		A109
Project number	0001	
Date	Issue Date	
Drawn by	Author	
Checked by	Checker	Scale
		1 : 100

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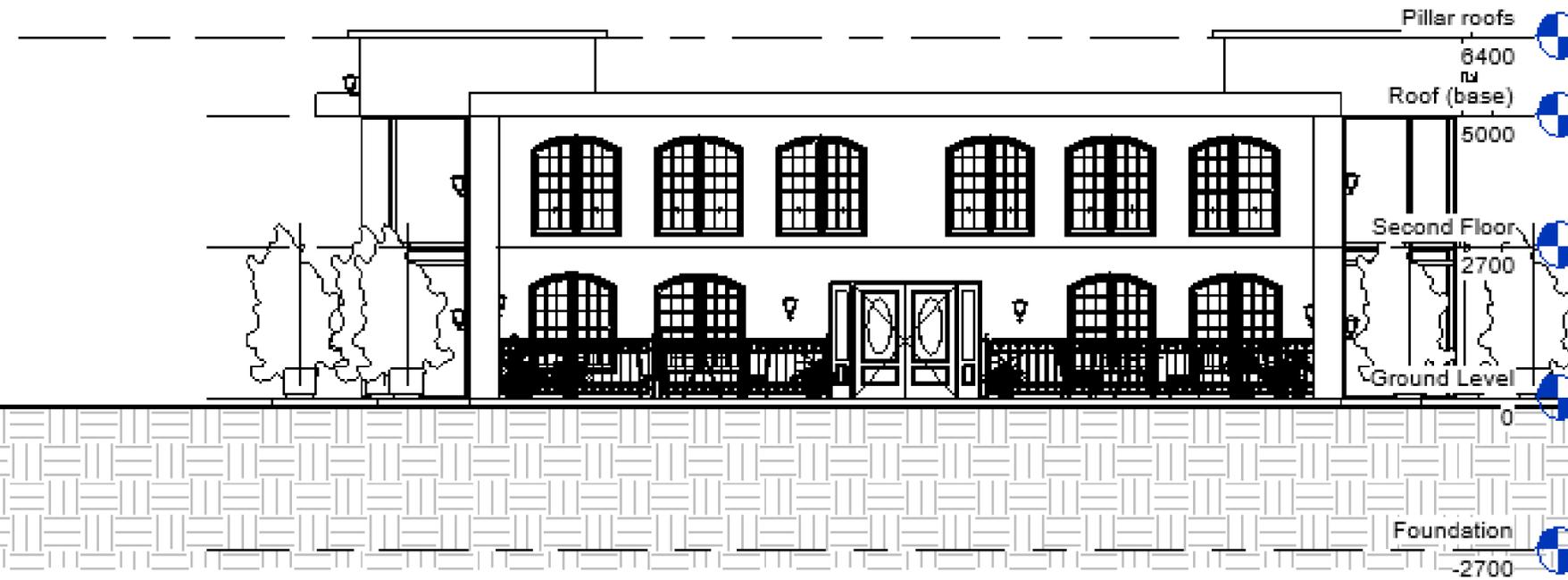



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No.	Description	Date

Nicola Jean Deen
 Revit Restaurant

East Elevation		A110
Project number	0001	
Date	Issue Date	
Drawn by	Author	
Checked by	Checker	
Scale	1 : 100	



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No.	Description	Date

Nicola Jean Deen
 Revit Restaurant

West Elevation

Project number	0001	A111
Date	Issue Date	
Drawn by	Author	Scale
Checked by	Checker	

1:100