

Date:	17 th April 2026	
Subject:	Project Taverna	
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Revision:	P01	Author:	K. Hatton-Jones
Date:	17.04.2026	Approved By:	R. Evans
Stage 3 - For Information			

Introduction

This design note outlines the MEP equipment expected on the roof of the proposed Project Taverna building. This design note has been compiled at Stage 3, reflecting preliminary plant selections, in order to satisfy Local Authorities that roof mounted MEP plant will not exceed the height of the proposed building parapet.

Roof MEP Plant

The below table lists the stage 3 preliminary MEP roof plant dimensional and weight details. The final selection and layout of the equipment is subject to further design development. We can confirm that all final MEP roof equipment will be specifically selected with the proposed building parapet height in mind so as not to extend above that height when installed.

Roof Area	Plant	Qty	Dimensions (mm)			Dry Weight (kg)
			Length	Width	Height	
West	Taverna AHU	2	4100	2400	2500	2400
	FoH AHU	1	4300	1650	1730	1800
	BoH AHU	1	4300	1650	1730	1800
	ASHP	4	1250	800	1685	296
East	Kitchen AHU (Stacked)	2	5800	1400	2500	2500
	BoH AHU	2	4300	1650	1730	1800
	ASHP	6	1250	800	1685	296

Illustrative Sketches



Figure 2: Building long section with tallest MEP roof plant shown

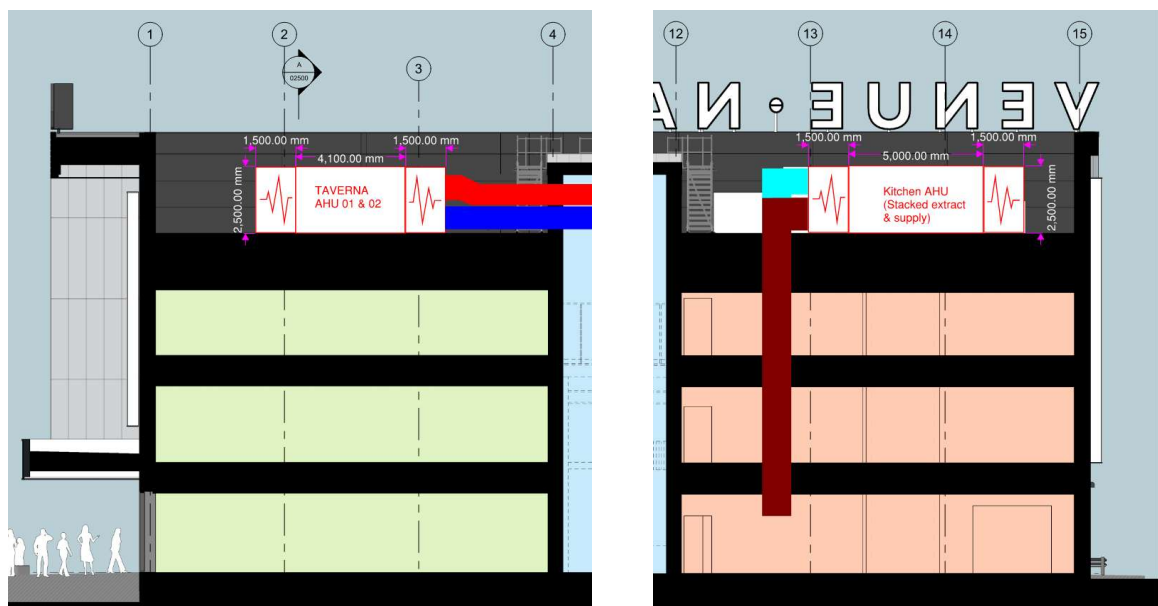


Figure 1: Building long section bookends zoomed view

Please refer to appendix A for the stage 2 MEP roof plant layout drawings.

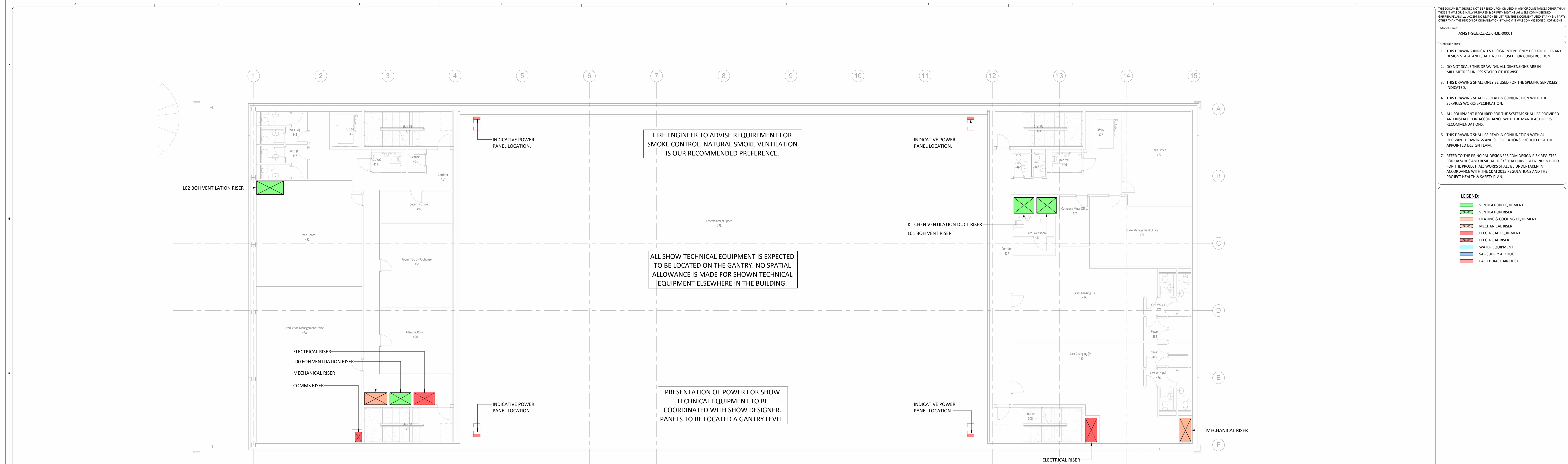
Conclusion

All MEP roof plant is currently designed so that no individual plant item exceeds the building parapet wall when mounted on the roof. This design principle will be continued throughout the detail design stages (RIBA stage 3 and 4) of the project.

[Appendix A: Stage 2 MEP Roof Plant Layout Drawings](#)

QA CHECK

Checked
Approved
Designer
Date / Time
11/1/2024



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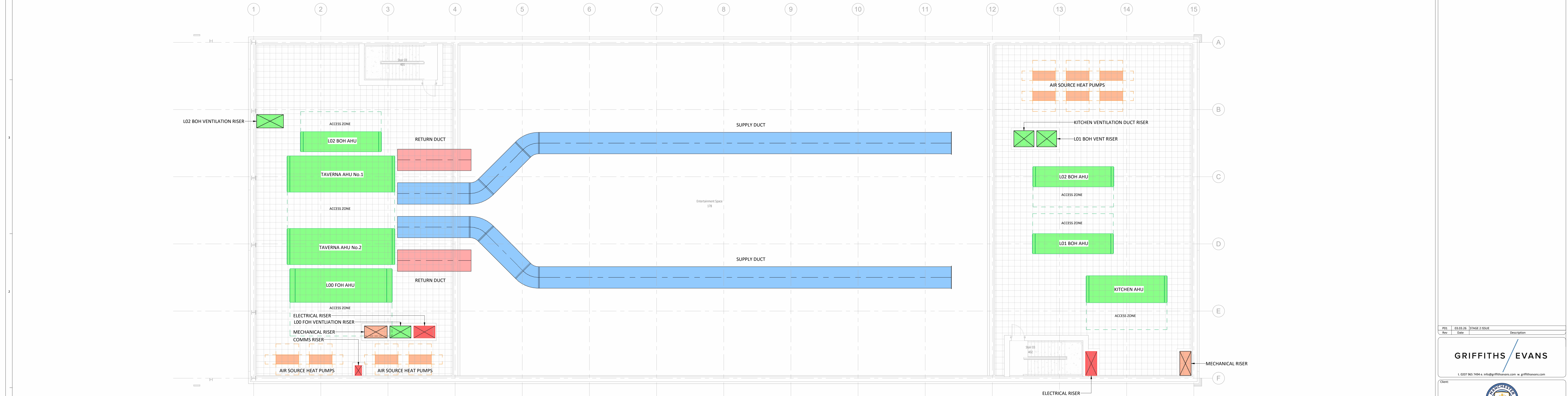
Model Name: A3421-GEE-ZZ-ZZ-JME-00001

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1. THIS DRAWING INDICATES DESIGN INTENT ONLY FOR THE RELEVANT DESIGN STAGE AND SHALL NOT BE USED FOR CONSTRUCTION.
2. DO NOT SCALE THIS DRAWING. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
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4. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE SERVICES WORKS SPECIFICATION.
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- LEGEND:
- VENTILATION EQUIPMENT
 - VENTILATION RISER
 - HEATING & COOLING EQUIPMENT
 - MECHANICAL RISER
 - ELECTRICAL EQUIPMENT
 - ELECTRICAL RISER
 - WATER EQUIPMENT
 - SA - SUPPLY AIR DUCT
 - EA - EXTRACT AIR DUCT

1 Level 02 - Combined Services
1:100



Rev		Description	
1	03.03.16	STAGE 2 ISSUE	
2	03.03.16	STAGE 2 ISSUE	



PROJECT: PROJECT TAVERNA

TITLE: SECOND FLOOR & ROOF PLANT LEVEL MEP SPATIAL REQUIREMENTS

BIMB Stage / PNC Code Stage 2		Status S2 - FOR INFORMATION	
Project No 25037	Project Manager RE	Designer JS	Scale @ A0 1:100
Drawing No A3421-GEE-BT-ZZ-DR-J-99002		Rev P01	