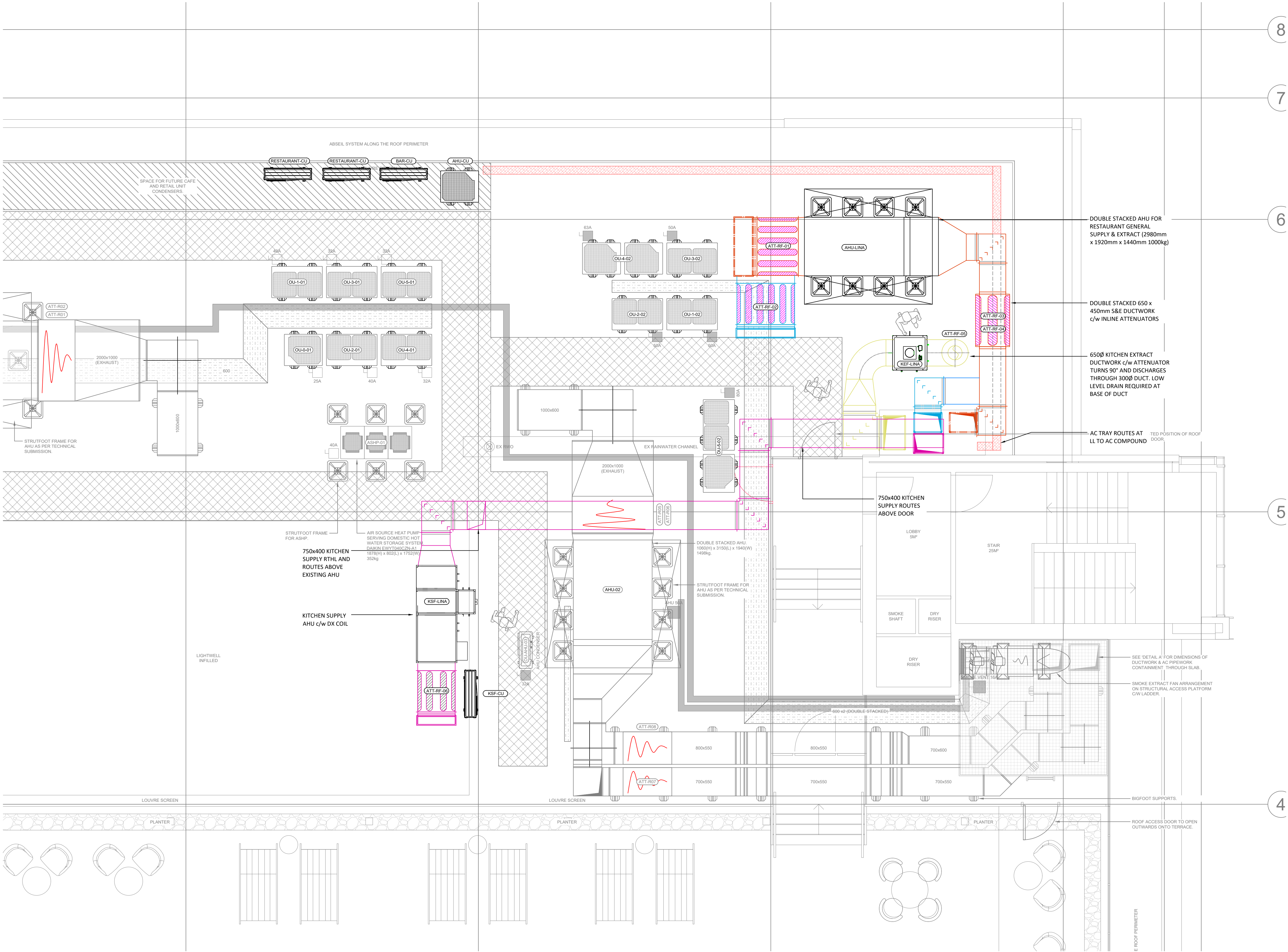


Last saved by: PAULC(2024-11-25) Last Plotted: 2024-11-25
Filename: C:\USERS\PAULC\HURSTWOOD\FILESTORE - CURRENT PROJECTS\PROJECTS\04070 - LINA STORES RESTAURANT\02 MECHANICAL\04 DRAWINGS\LINA-PPS-ZZ-DR-M-5050-ROOF.DWG



Citation ISO Certification

Quality management

ISO 9001: 2015

REGISTERED

Certificate No:381342021

© This drawing is copyright protected, and remains the property of hurstwood environmental consulting. it must not be reproduced, used, disclosed or transmitted to third parties in any form without prior written permission.

57. VENTILATION NOTES

- ALL GENERAL SUPPLY AND EXTRACT DUCTWORK SHALL BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH THE HVCA SPECIFICATION DW144 LOW PRESSURE CLASS A
- ALL KITCHEN EXTRACT DUCTWORK SHALL BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH THE HVCA SPECIFICATION DW172
- ALL EXTERNAL SUPPLY AND RETURN AIR DUCTWORK SHALL BE INSULATED, FINISHED ALUMINIUM CLAD AND IDENTIFIED.
- ALL DUCTING WITHIN UNHEATED SPACES MUST BE INSULATED IN ACCORDANCE WITH 'PART F' OF BUILDING REGULATIONS.
- FLEXIBLE DUCTING HAS BEEN ALLOWED FOR THE FINAL UNIT CONNECTION. NO MORE THAN 300mm PER LEG SHOULD BE USED AS PER BPEC GUIDANCE.
- A MINIMUM OF 500mm IS REQUIRED BETWEEN EACH SPIGOT OFF THE UNIT AND ANY DUCTWORK FITTING. FLEXIBLE DUCTING SHOULD BE PULLED TAUGHT WITH SMOOTH BENDS ONLY.
- CONDENSATE DRAIN PIPEWORK WILL BE REQUIRED IN 21.5mm. ALL CONDENSATE PIPEWORK IS TO BE INSULATED WITHIN A COLD SPACE AND HAVE A MINIMUM FALL OF 10 DEGREES.

GUIDANCE FOR PRICING

HURSTWOOD HAVE USED THEIR REASONABLE ENDEAVOURS TO ESTABLISH THE REQUIREMENTS OF THE CLIENT DURING THE DESIGN STAGES. IN THIS REGARD, THE CONTRACTOR SHOULD REFER TO THE GUIDANCE PROVIDED BY BSRIA BG 6 'A DESIGN FRAMEWORK FOR BUILDING SERVICES' (2018 EDITION) SECTION 3.7 - PRECISION IN DESIGN.

THIS STATES THAT THE DESIGN STAGES REPRESENT AN ITERATIVE PROCESS WHEREBY THE LEVEL OF DETAIL AND THE DEGREE OF PRECISION INCLUDED IN THE DESIGN INCREASES FROM ONE STAGE TO THE NEXT. FOLLOWING THE GUIDELINES GIVEN IN TURNER AND SIMISTER'S HANDBOOK OF PROJECT MANAGEMENT, WHICH RELATE SPECIFICALLY TO PRECISION OF COST ESTIMATES, AND APPLYING SIMILAR GUIDELINES TO THE ACCURACY OF ALL DESIGN, THE FOLLOWING LEVELS OF ACCURACY COULD REASONABLY BE ACHIEVED BY THE END OF THE RESPECTIVE DESIGN STAGES:

- RIBA STAGE 2: +/- 25%
- RIBA STAGE 3: +/- 15% (+/- 20% AT THE COMPLETION OF RIBA STAGE 3A)
- RIBA STAGE 4: +/- 5%

THE CONTRACTOR SHOULD TAKE INTO ACCOUNT THE LEVEL OF UNCERTAINTY INDICATED IN THE GUIDELINES AT THE DESIGNATED DESIGN STAGE OF THE PROJECT, AND THE CONTRACTOR SHOULD REFLECT THE ASSOCIATED RISK AND UNCERTAINTY IN THEIR PRICING.

THE ABOVE PRECISION FIGURES DO NOT INCLUDE THE EFFECTS OF FUNDAMENTAL VARIATIONS TO THE SCALE OR NATURE OF THE PROJECT, HOWEVER, THEY WILL REASONABLY BE APPLIED TO QUANTITIES OF MATERIALS, ASSOCIATED LABOUR COSTS, SERVICE OUTLETS AND THE FINAL LOCATIONS FOR EQUIPMENT.

P01	PC	25.11.24	STAGE 4a - DESIGN PROPOSAL		
REV	CHK	DATE	Description		
Architectural X-Ref Drawings:					
FF&E X-Ref Drawings:					
Drawing Status:		STAGE 4a - DESIGN			
 www.hurstwood-eng.co.uk					
Bolton Office Atria Spa Road Bolton BL1 4AG T: 01204 770 041 E: bolton@hurstwood-eng.co.uk Liverpool Office 23 Goodlass Road Speke Liverpool L24 9HJ T: 0151 728 3360 E: liverpool@hurstwood-eng.co.uk London Office 344 Gray's Inn Road Bloomsbury London WC1X 8BP T: 0203 755 3711 E: london@hurstwood-eng.co.uk					
Drawn:	R JORDAN	Chkd:	P CHAMBERS	App:	M JORDAN
Date:	MAY 2024		Scale:	1:50	
Client:					
LINA STORE / MEDLOCK					
Project :					
LINA STORES - MANCHESTER					
Drawing Title:					
HEATING, VENTILATION & AIR CONDITIONING LAYOUT ROOF LAYOUT					
Project No:					Rev:
LINA-PPS-ZZ-RF-DR-M-5050					P01
Project Code	Originator	Volume	Level	Type	Role Number