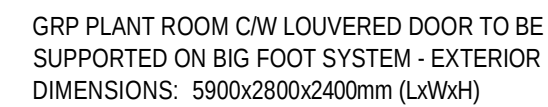


DRAFT

Fionntan Cooper
2023.02.22 16:24:08



— VACUUM PIPEWORK & COMPRESSED AIR PIPEWORK
ROUTE AT L/L, & DTB IN EXISTING RISER - ALLOW FOR
NEW ROOF PENETRATIONS

— SUPPLY DUCTWORK ROUTE AT L/L DUCTWORK AND DTB TO SERVE 5TH FLOOR

— SUPPLY DUCTWORK ROUTE AT L/L DUCTWORK AND DTB TO SERVE 5TH FLOOR

— SUPPLY DUCTWORK ROUTE AT L/L DUCTWORK AND DTB TO SERVE 5TH FLOOR

NEW PROPOSED SUPPLY AND EXTRACT DUCTWORK
SERVING 5TH FLOOR

NEW PROPOSED AHU —————
DIMENSIONS: 2002x879x1343mm (LxWxH)
WEIGHT: 312 KG

NEW PROPOSED EXTERNAL AC CONDENSER
DIMENSIONS: 1685x1240x765mm (LxWxH)
WEIGHT: 314kg

HEALTH AND SAFETY INFORMATION	
IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, INCLUDING THE FOLLOWING	
<u>CONSTRUCTION.</u>	
• CONSIDERATION IS TO BE TAKEN INTO ACCOUNT WHEN ACCESSING AND WORKING AT ROOF LEVEL. PLEASE CONSULT UoM EPM PROCEDURES, HSE WORKING AT HEIGHT AND PROJECT RAMS BEFORE PROCEEDING WITH CONSTRUCTION	
<u>MAINTENANCE/CLEANING/OPERATION.</u>	
• CONSIDERATION IS TO BE TAKEN INTO ACCOUNT WHEN ACCESSING AND WORKING AT ROOF LEVEL. PLEASE CONSULT UoM EPM PROCEDURES, HSE WORKING AT HEIGHT AND PROJECT RAMS BEFORE PROCEEDING WITH MAINTENANCE	
<u>DECOMMISSIONING/DEMOLITION.</u>	
• NO ABNORMAL HAZARDS HAVE BEEN IDENTIFIED AT THIS STAGE OF THE DESIGN.	

NOTES

1. PLEASE DO NOT SCALE FROM THIS DRAWING.
2. THIS DRAWINGS FORMS PART OF THE DETAILED DESIGN AND SHOULD BE READ IN CONJUNCTION WITH THE COMPLETE ARCHITECTURAL AND ENGINEERING TENDER PACKAGE.
3. PLEASE PRINT/READ THIS DRAWING IN COLOUR.
4. ALL DIMENSIONS ARE TO BE CONFIRMED ON SITE PRIOR TO ORDERING OR PLACING MATERIALS OR EQUIPMENT.
5. THIS DRAWING IS NOT INTENDED FOR CONSTRUCTION PURPOSES, IN LINE WITH CONTRACT REQUIREMENTS THE CONTRACTOR SHALL PRODUCE CONSTRUCTION DRAWINGS TO CAPTURE ALL INSTALLATION REQUIREMENTS AND ASSOCIATED CO-ORDINATION.

P01	-	STAGE 4 ISSUE FOR APPROVAL	FJC	NGM	22.02.2023
Rev	Dcc	Description	Dwn	Chkd	Date

STAGE 4 DRAFT

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Project
UNIVERSITY OF MANCHESTER
CARYS BANNISTER BUILDING
DENTAL SCHOOL

Title	ROOF LEVEL MEDICAL GAS, SPACE HEATING AND VENTILATION SERVICE LAYOUT
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Client	UNIVERSITY OF MANCHESTER
Architect	WILSON MASON

Project No.	Drawn By	Date	Checked	Scale
EA0018	LK	26/08/2022	FC	1:100@A1

Acad Model	EA0018-XM-54-06-001	Revision
Drawing No.	EA0018-M-54-RR-001	P01

LEGEND	
	COLD WATER SUPPLY
	HOT WATER SUPPLY
	DRAINAGE PIPEWORK
	REFRIGERATION LIQUID LINE
	REFRIGERATION VAPOUR LINE
	VACUUM PIPEWORK
	COMPRESSED GAS PIPEWORK
	NATURAL GAS PIPEWORK
	CONDENSER UNIT
	AIR HANDLING UNIT
	RECTANGULAR DUCTWORK (EXTRACT)
	CIRCULAR DUCTWORK (EXTRACT)
	CIRCULAR DUCTWORK (SUPPLY)
	RECTANGULAR DUCT RISE (EXTRACT)
	CIRCULAR DUCT DROP (SUPPLY)
	REFRIGERANT PIPING