

NOTES CONT'D

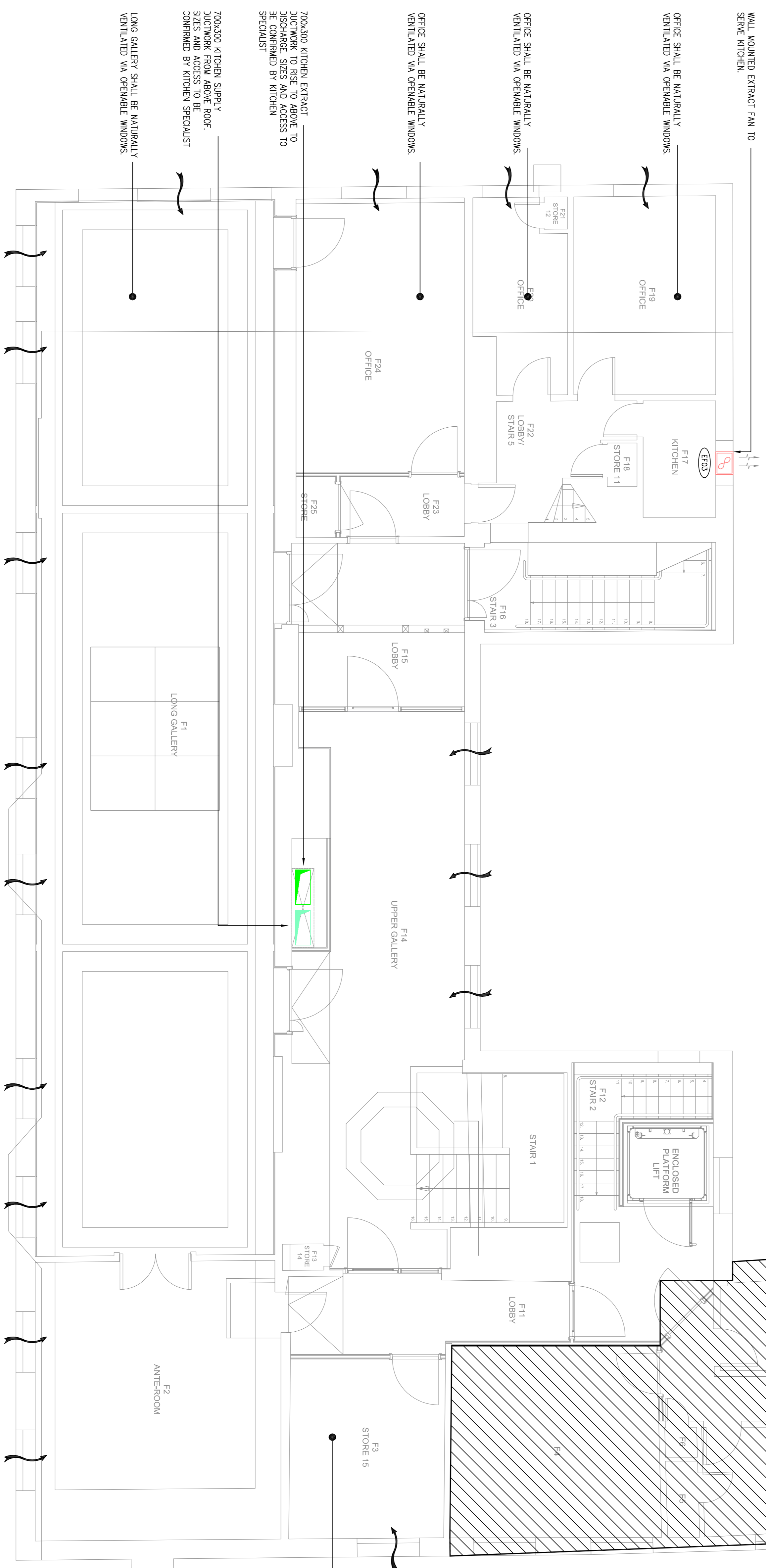
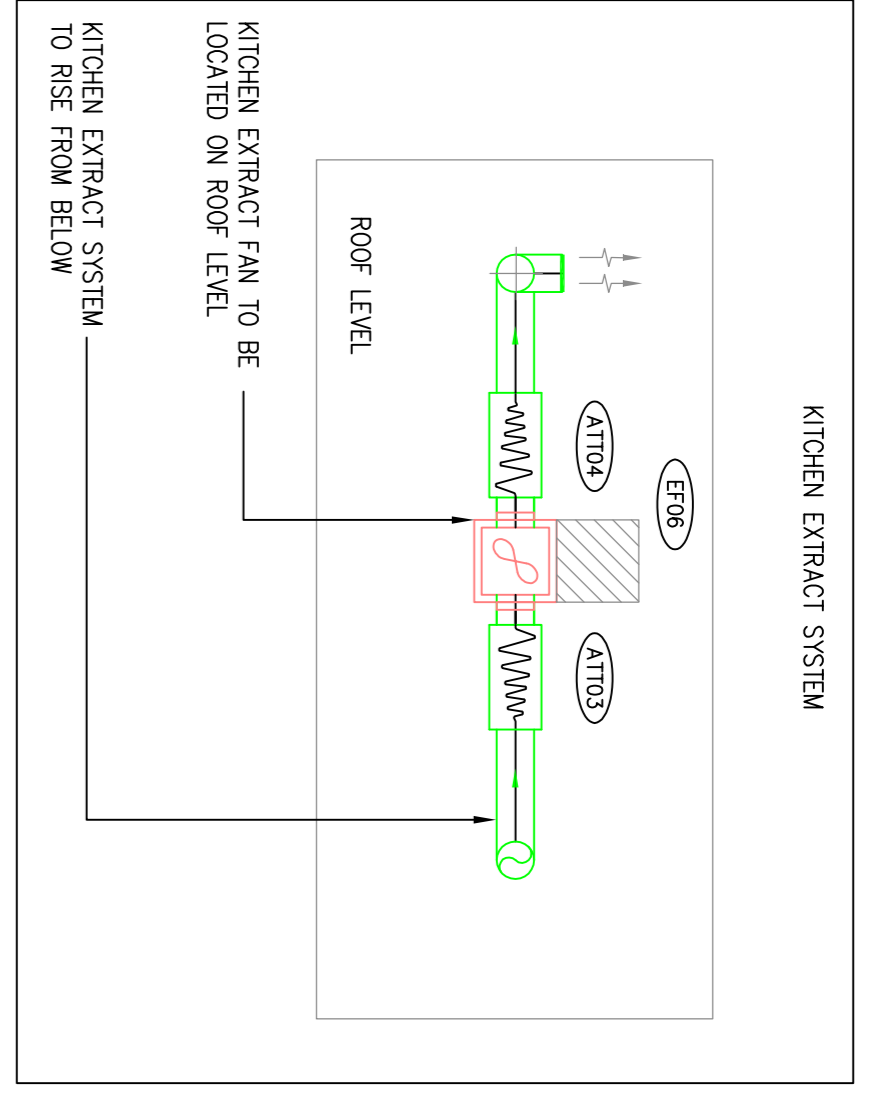
17. ALL LOUVRES COLOUR AND LOCATION TO BE AGREED WITH ARCHITECT PRIOR TO INSTALLATION. ALL LOUVRES TO BE PROVIDED WITH BIRD MESH.
18. MECHANICAL CONTRACTOR TO PROVIDE APPROPRIATE ATTENDANCE SCHEDULE FOR MECHANICAL REPAIRS IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATION.
19. ALL DUCTWORK THAT PASSES THROUGH FIRE BARRIER / COMPARTMENTS SHALL BE PROVIDED WITH FIRE DAMPER C/W ACCESS DOORS EITHER SIDE.
20. THIS DRAWING SHOWS DESIGN INTENT. THEY ARE NOT CONSTRUCTION DRAWINGS AND THEREFORE DO NOT SHOW ALL BENDS, TEE, SETS ETC. THAT MAY BE NECESSARY TO LOCATE SERVICES CORRECTLY TO AVOID CLASHES AND MAINTAINANCE ACCESS. THE CONTRACTOR IS NEVERTHELESS DEEMED TO HAVE INCLUDED ALL SUCH MATERIALS ETC. AS REQUIRED TO PRODUCE A COMPLETE FULLY CO-ORDINATED LAYOUT!
21. THE MECHANICAL CONTRACTOR SHALL INCLUDE FOR ALL NECESSARY SETS ON THE DUCTWORK TO ENABLE FINAL COORDINATION. SHOULD ASPECT RATIO CHANGES OF DUCT BE NEEDED TO ACHIEVE A FULLY CO-ORDINATED LAYOUT OR TO FIT WITHIN THE BUILDING STRUCTURE AND AVAILABLE CEILING VOID, THESE SHALL BE DEEMED TO HAVE BEEN INCLUDED WITHIN THE MECHANICAL SERVICES SUB-CONTRACTOR'S TENDER. IN ADDITION TO THE ABOVE, THE MECHANICAL CO-ORDINATING SHALL FULLY INCLUDE FOR LIFTING AND CO-ORDINATING WITH ALL OTHER TRADES AND SERVICES ON SITE.
22. ALL COORDINATION OF GRILLES WITHIN SUSPENDED CEILINGS, WITH LIGHT FITTINGS SHALL BE SUBMITTED FOR APPROVAL (COMMENT BY CONSULTANT)
23. THE MECHANICAL SUB CONTRACTOR SHALL ENSURE THAT DURING THE INSTALLATION OF ALL DUCTWORK AND AIR HANDLING PLANT THAT ALL OPEN ENDS ARE TEMPORARILY SEALED TO PREVENT THE INGRESS OF DUST
24. ALL HOLES THROUGH WALLS/FLOORS/ROOF SHALL BE FORMED AND MADE GOOD BY THE MAIN CONTRACTOR.
25. LOCAL EXTRACT FANS TO BE ELECTRICALLY SWITCHED FROM LOCAL LIGHTING CIRCUIT.
26. SPECIALISTS KITCHEN DUCTWORK SIZES SHOWN INDICATIVELY ONLY. FINAL SIZE AND SELECTION BY KITCHEN SPECIALIST.

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DATE	DESCRIPTION

NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWINGS FOR THIS PROJECT.
2. THIS DRAWING IS FOR INFORMATION ONLY. THE MECHANICAL SUB CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEYING SITE AND PRODUCING FULLY DIMENSIONED WORKING/FABRICATION DRAWINGS. ALL WORKING DRAWINGS SHALL BE FULLY CO-ORDINATED WITH OTHER TRADES AND BUILDING DETAILS, INCLUDING CEILING/STEEL/BEAM DETAILS, FITL, TO UNDERSIDE OF DUCT ETC.
3. ALL DUCTWORK SHALL BE IN ACCORDANCE WITH DW 144.
4. ALL EXTERNAL UNITS TO BE RAL COLOUR IN ACCORDANCE WITH ARCHITECT'S REQUIREMENTS.
5. THE MECHANICAL CONTRACTOR SHALL INCLUDE FOR ALL SECONDARY STEELWORK NECESSARY FOR SUPPORTS OF ROOF. MECHANICAL CONTRACTOR TO REFER TO STRUCTURAL ENGINEERS DETAILS FOR NECESSARY ADDITIONAL SUPPORT.
6. THE EXTERNAL TEMPERATURE SENSORS SHALL BE FACING NORTH AND SHELTERED FROM DIRECT SUN.
7. THE INTERNAL TEMPERATURE SENSORS SHALL BE LOCATED AWAY FROM DIRECT SUN.
8. THE MECHANICAL CONTRACTOR SHALL INCLUDE FOR THE 3 POSITION (OFF/ON/TEST) KEY SWITCH AS REQUIRED.
9. FOR DETAILS OF GRILLES, DIFFUSERS, ATTENUATORS PLEASE REFER TO SCHEDULES
10. ALL FLEXIBLE DUCTWORK SHALL BE SEMI-RIGID, TYPE AS SPECIFIED, 1 HOUR FIRE RATED TO BS476 ACOUSTIC TYPE AND LIMITED TO A MAXIMUM LENGTH OF 300mm. FLEXIBLE DUCTWORK LONGER THAN 300mm WILL BE REMOVED AND SHORTENED AT NO EXTRA COST.
11. THERMAL INSULATION IS NOT SHOWN FOR CLARITY. ALL NECESSARY THERMAL INSULATION SHALL BE INCLUDED FOR AS DESCRIBED IN THE SPECIFICATION.
12. ALL SHEET METAL DUCTWORK SHALL BE PROVIDED WITH ACCESS DOORS IN COMPLIANCE WITH RECOMMENDATIONS MADE WITHIN HVAC PUBLICATION "CLEANLINESS OF VENTILATION SYSTEMS" TG/19. ALL POSITIONS OF ACCESS DOORS SHALL BE DETAILED ON THE MECHANICAL SUB-CONTRACTORS WORKING DRAWINGS.
13. ALL DUCTWORK TO BE INSTALLED AND CLEANED IN ACCORDANCE WITH HVAC DW/TW2 TO THE INTERMEDIATE LEVEL.
14. CONTRACTOR TO PROVIDE ALL VO'S REQUIRED TO ENABLE TOTAL BALANCING OF SYSTEM.
15. THE MAIN CONTRACTOR SHALL PROVIDE ACCESS PANELS WITH THE CEILING CONTRIBUTION TO ALLOW ACCESS (FOR COMMISSIONING AND MAINTENANCE PURPOSES) TO VO'S, FD'S AND AD'S REFER TO SPECIFICATION FOR DETAILS.



EXTRACT FANS

REF	ROOM SERVED	MODEL REF	DUTY [L/s]	CONTROL
EF03	F17 KITCHEN	OPUS 40	30	PIR

700-300 KITCHEN SUPPLY DUCTWORK FROM ABOVE ROOF. SIZES AND ACCESS TO BE CONFIRMED BY KITCHEN SPECIALIST

700-300 KITCHEN EXTRACT DUCTWORK TO RISE TO ABOVE TO DISCHARGE. SIZES AND ACCESS TO BE CONFIRMED BY KITCHEN SPECIALIST

OFFICE SHALL BE NATURALLY VENTILATED VIA OPENABLE WINDOWS.

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WALL MOUNTED EXTRACT FAN TO SERVE KITCHEN.

NOTE: OPUS UNITS TO BE EQUIPPED WITH PICO/KITC EXTERNAL LOUVRES AND PRCF4/6 ROOF VENT CAP FOR ROOF TERMINATION.

EXTRACT FAN UNITS TO BE MANUFACTURED BY NIJARE, The Nijare Group, Western Industrial Estate, Cornhill, CF83 1NA, United Kingdom. Telephone: 08705 121 444

LEGEND:

- NATURAL VENTILATION VIA OPENING WINDOW
- EXTRACT VALVE
- VARIABLE CONTROL DAMPER
- DOOR TRANSFER GRILLE

STATUS

TENDER ISSUE

CLIENT

LAUDERDALE HOUSE TRANSFORMED
WATERLOO PARK
GREATER LONDON

DRAWING TITLE

MECHANICAL SERVICES VENTILATION LAYOUT FIRST FLOOR

SCALE	DATE	BY	VC
1:50 (A1)	2015	AL	GF

DRAWING NUMBER

10328/M/202

FILE 10328-M-202

REV T1

couchperrywilkes
Engineering change

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