

- NOTES.**
- 1. all units to be fitted with peristaltic condense lift pumps located in uPVC trunking on side of unit.
 - 2. all refrigeration pipework to be insulated with Armaflex Class O or equal & approved

Pipes need to drop to floor below to end up on flat roof at rear so riser location to be discussed. There will be 4 insulated pipes approx. each 50mm dia. plus 2 plastic pumped condense pipes 10mm dia.

150dia. supply & extract ducts in ceiling void

125dia. supply & extract ducts (50l/s)

extng. hot water cylinder to be fully tested

Vent Axia heat reclaim ventilation unit mounted at high level or in ceiling void. Model Sentinel Kinetic 300ZH to provide 75l/s. To be supplied complete with manufacturers controller. Dims. 890L x 700W x 300D. Weight 40Kg. Requires 1 phase elec. supply & 22 dia condense drain. Provide condense pump adjacent

New AC unit Size 40. mounted at H/L on wall. Dims. 898W x 237D x 299H

extng. D/S beam at H/L

160dia. supply & extract ducts (50l/s). The fresh air duct should be insulated with Class O Armaflex AF4 painted white

Extng. gas flue to remain

Extng. gas fired boiler to remain

circular white extract valve in ceiling

circular white supply air valve in ceiling

Existing wall mounted AC unit at H/L to remain
New AC unit Size 10. mounted at H/L on wall.
Dims. 773W x 237D x 299H

circular white supply air valve in ceiling

circular white extract valve in ceiling

ducts to terminate above door with galvanised steel mesh and turn down at 45°

Extng. gas meter

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measurements.

EXISTING RADIATORS

- R1- 1825mm x 60mm
- R2 - 1270mm x 30mm
- R3 - 1350mm x 30mm
- R4 - 950mm x 60mm
- R5 - 1985mm x 60mm

New Furniture

C	For Approval	LP	10.11.20
B	For Approval	LP	08.11.20
A	For Approval	LP	12.10.20
Rev	Description	Amend	Date

Client Approval
Depth. Rep. Name: _____
Signed: _____ Date: _____

**PRELIMINARY
MECHANICAL
SERVICES LAYOUT
DRWNG.3935/M101
25.11.20**

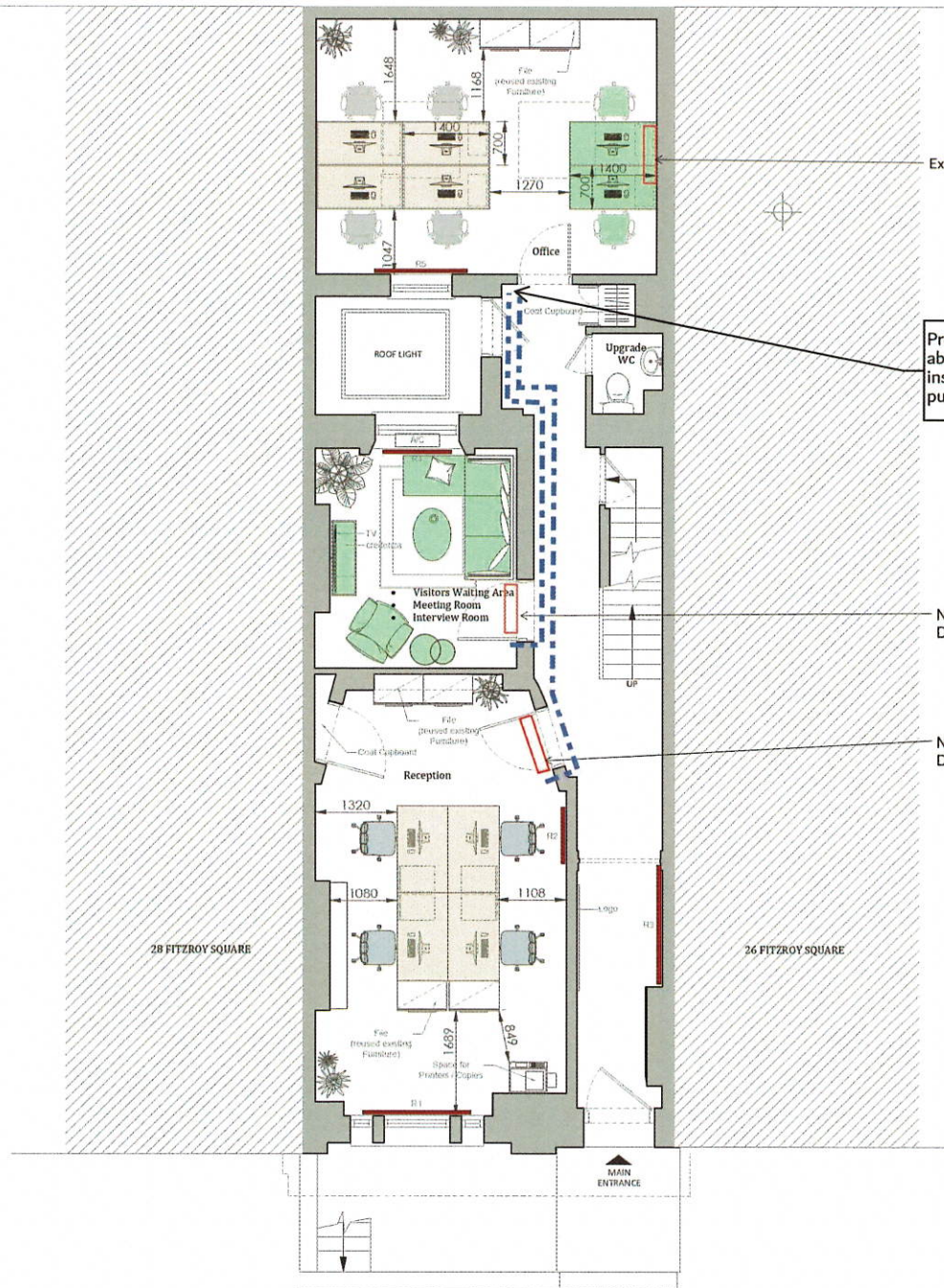
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Facility Address
27 Fitzroy Square
London
W1T 6ES

Drawing Title
**PROPOSED BASEMENT
GENERAL ARRANGEMENT**

Drawn By	For LIVA Project and Facilities Management
Check By	Date Scale
LP	10.11.20 n/s
Date Checked	Drawing No
10.11.20	263-001 (PBS)GA-01C



Existing H/L wall mounted AC unit to remain

Proposed pipe riser location for pipes to rise to above for routing to flat roof at rear. There will be 4 insulated pipes approx. each 50mm dia. plus 2 plastic pumped condense pipes 10mm dia.

New AC unit Size 15. mounted at H/L on wall. Dims. 773W x 237D x 299H

New AC unit Size 32. mounted at H/L on wall. Dims. 773W x 237D x 299H

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EXISTING RADIATORS

- R1- 1750mm x 60mm
- R2- 900mm x 100mm
- R3 - 1910mm x 60mm
- R4 - 1110mm x 60mm
- R5 - 1510mm x 60mm

NEW FURNITURE

C	For Approval	LP	10.11.20
B	For Approval	LP	05.11.20
A	For Approval	LP	12.10.20
Rev	Description	Initial	Date

Client Approval

Design Rep. Name: _____
Signed: _____ Date: _____

PRELIMINARY MECHANICAL SERVICES LAYOUT DRWNG.3935/M102 25.11.20

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Facility Address
27 Fitzroy Square
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Drawing Title
PROPOSED GROUND FLOOR
GENERAL ARRANGEMENT

Drawn By LP	For MVA Project and Facilities Management		
Checked By LP	Date 10.11.20	Scale n/s	
Date Checked 10.11.20	Drawn No 263-001 (PGF)GA-01C		

New & relocated condensing units to be supported on Flexifoot universal supports

All refrigeration piping to be supported on galvanised steel cable tray in turn supported on Flexifoot universal supports every metre

Extng. condensing units relocated into new acoustic enclosure. Contractor to extend piping across roof and recommission

Pipes need to drop to floor below to end up on flat roof at rear so riser location to be discussed. There will be 4 insulated pipes approx. each 50mm dia. plus 2 plastic pumped condense pipes 10mm dia.

New AC unit Size 32. mounted at H/L on wall. Dims. 773W x 237D x 299H

New AC unit Size 63. mounted at H/L on wall. Dims. 1170W x 295D x 365H

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RADIATORS

- R1 - 1030mm x 60mm
- R2 - 1185mm x 60mm
- R3 - 900mm x 100mm
- R4 - 900mm x 100mm

NEW FURNITURE

C	For Approval	LP	10.11.20
B	For Approval	LP	08.11.20
A	For Approval	LP	12.10.20
Rev.	Description	Initial	Date

Client Approval

Depts. Rep. Name: _____
Signed: _____ Date: _____

PRELIMINARY MECHANICAL SERVICES LAYOUT DRWNG.3935/M103 25.11.20

Prepared by: **Enginsoft**
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Facility Address
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Drawing Title
**PROPOSED FIRST FLOOR
GENERAL ARRANGEMENT**

Drawn By	For LIVA Project and Facilities Management		
LP			
Checked By	Date	Scale	
LP	10.11.20	1:1	
Date Checked	Drawing No		
10.11.20	263-001 (PIF)GA-01C		

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EXISTING RADIATORS

R1- 1140mm x 80mm

R2 - 1345mm x 80mm

R3 - 730mm x 70mm

NEW FURNITURE

C	For Approval	LP	10.11.20
B	For Approval	LP	05.11.20
A	For Approval	LP	13.10.20
Rev	Description	Issue	Date

Client Approval

Dep'ts. Rep. name:
Signed: Date:

PRELIMINARY MECHANICAL SERVICES LAYOUT DRWNG.3935/M104 25.11.20

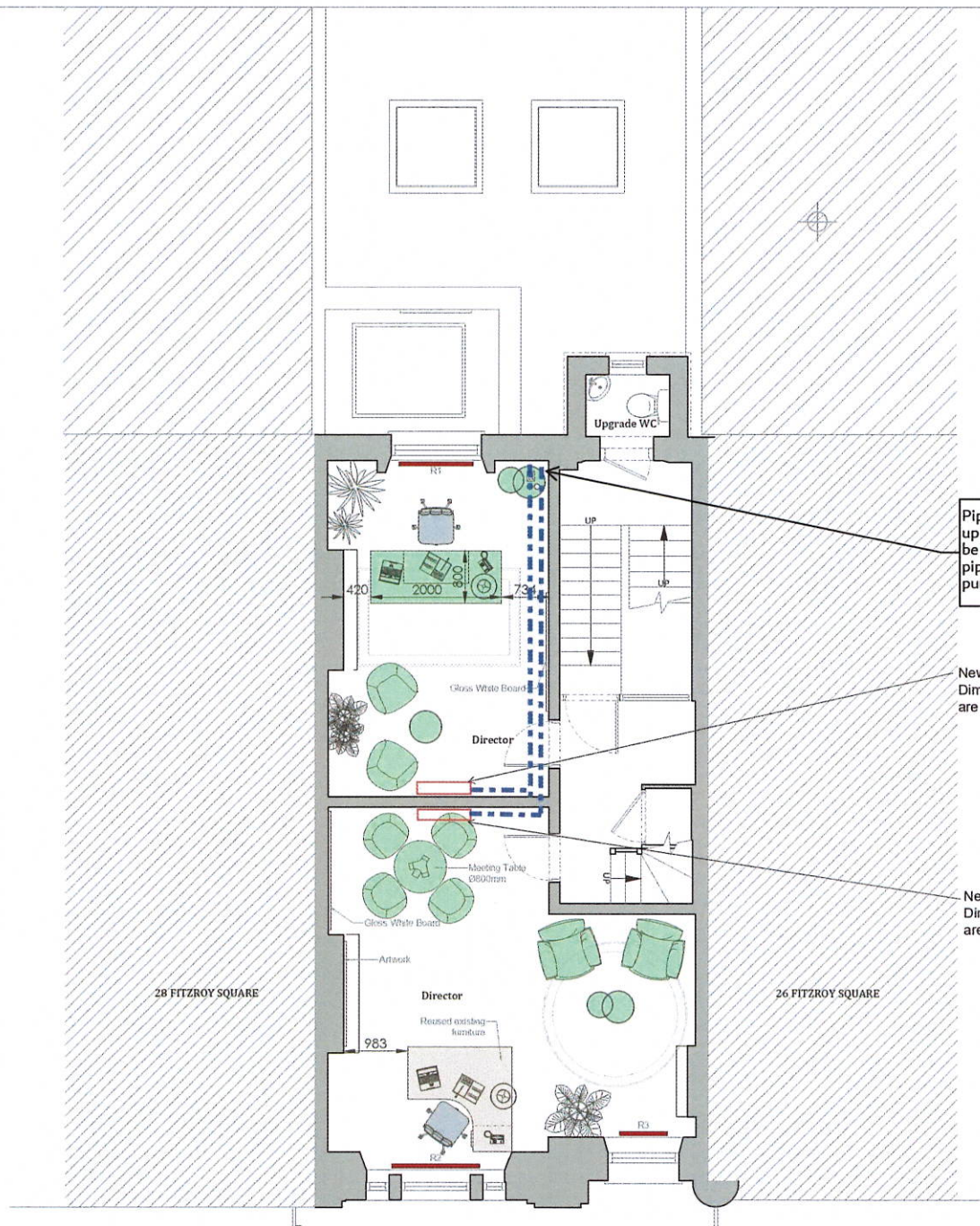
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Drawing Title
PROPOSED SECOND FLOOR
GENERAL ARRANGEMENT

Drawn By	LP	For LIVA Project and Facilities Management
Checked By	LP	Date 10.11.20 Scale nts
Date Checked	10.11.20	Drawing No 263-001 (P2F)GA-01C



pipe dropping location for pipes to drop TB

28 FITZROY SQUARE

26 FITZROY SQUARE

SLOPE
ROOF

Tea Point

WC

UP

CUP'D

Director

Gloss White Board

Meeting Table
Ø950mm

Gloss White Board

Director

Rounded meeting
furniture

R1

R2

New AC unit Size 20. mounted at H/L on wall.
Dims. 773W x 237D x 299H. Note that pipe conns.
are on RH side of unit as you face it

New AC unit Size 40. mounted at H/L on wall.
Dims. 898W x 237D x 299H. Note that pipe conns.
are on RH side of unit as you face it

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RESPONSIBILITY FOR ERRORS BROUGHT ABOUT BY INCORRECT
MEASUREMENTS.

EXISTING RADIATORS

R1 - 1350mm x 80mm

R2 - 1140mm x 30mm

R3 - 1140mm x 80mm

NEW FURNITURE

C	For Approval	LP	10.11.20
B	For Approval	LP	05.11.20
A	For Approval	LP	12.10.20
Rev	Description	Initial	Date

Client Approval

Depts. Rep. Name: _____
Signed: _____ Date: _____

PRELIMINARY MECHANICAL SERVICES LAYOUT DRWNG.3935/M105 25.11.20

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Drawing Title
PROPOSED THIRD FLOOR
GENERAL ARRANGEMENT

Drawn By LP	For MVA Project and Facilities Management		
Checked By LP	Date 10.11.20	Scale nfs	
Date Checked 10.11.20	Drawing No 263-001 (P3F)GA-01C		