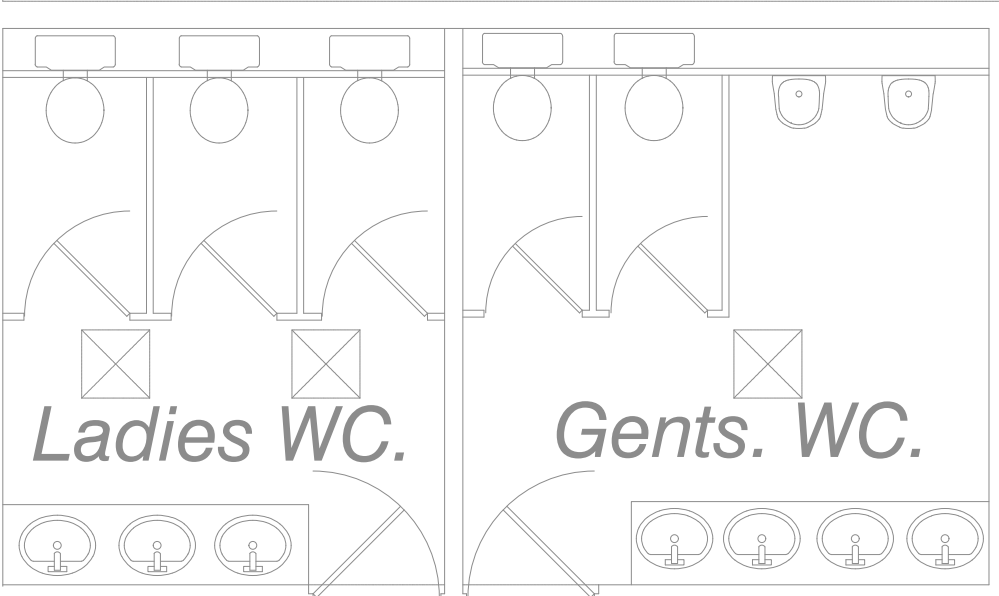
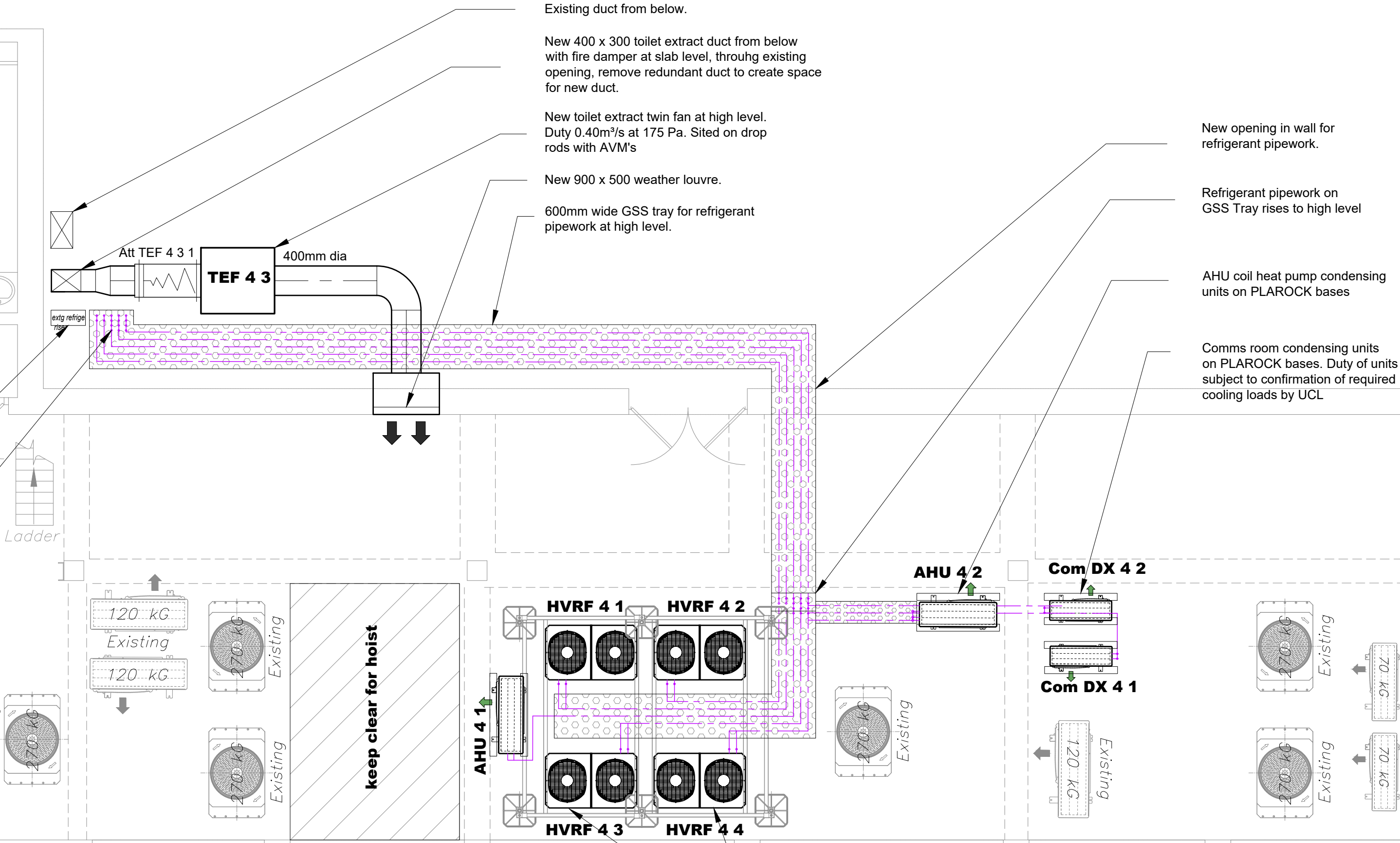


Building

Building



Existing refrigerant pipework to below.
Refrigerant pipework from below in new riser to high level. New riser adjacent to existing riser.



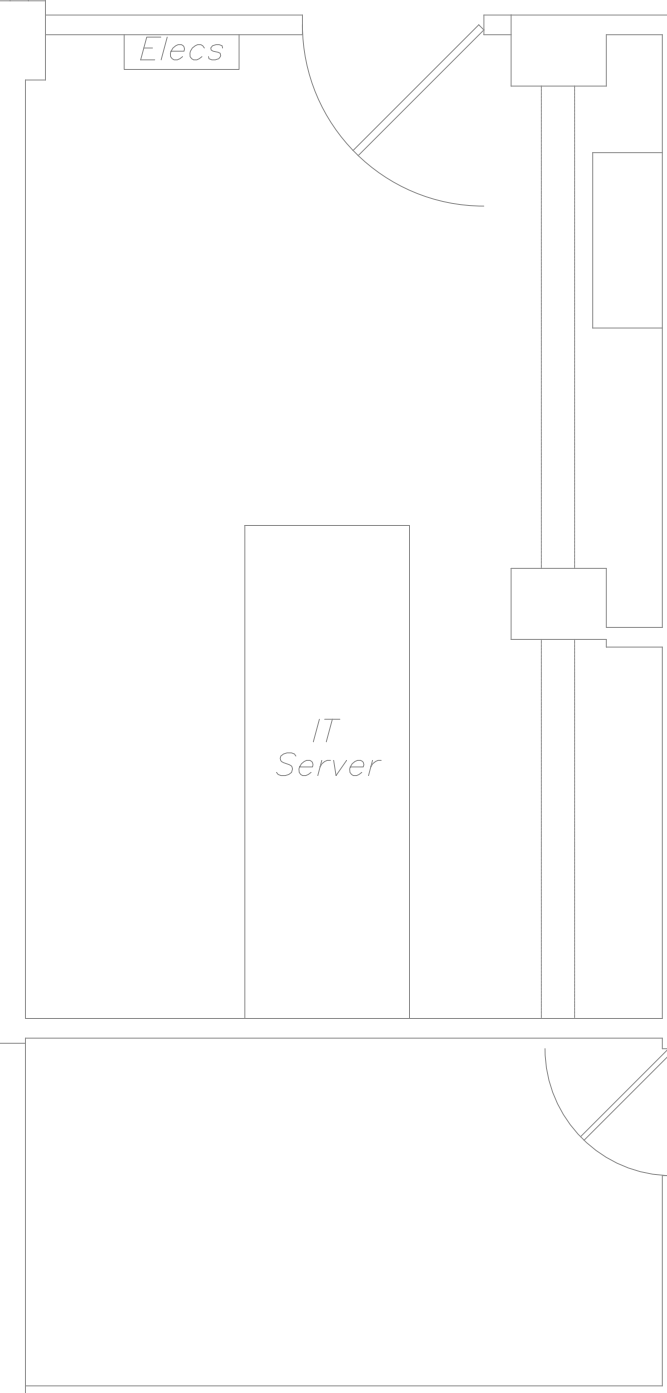
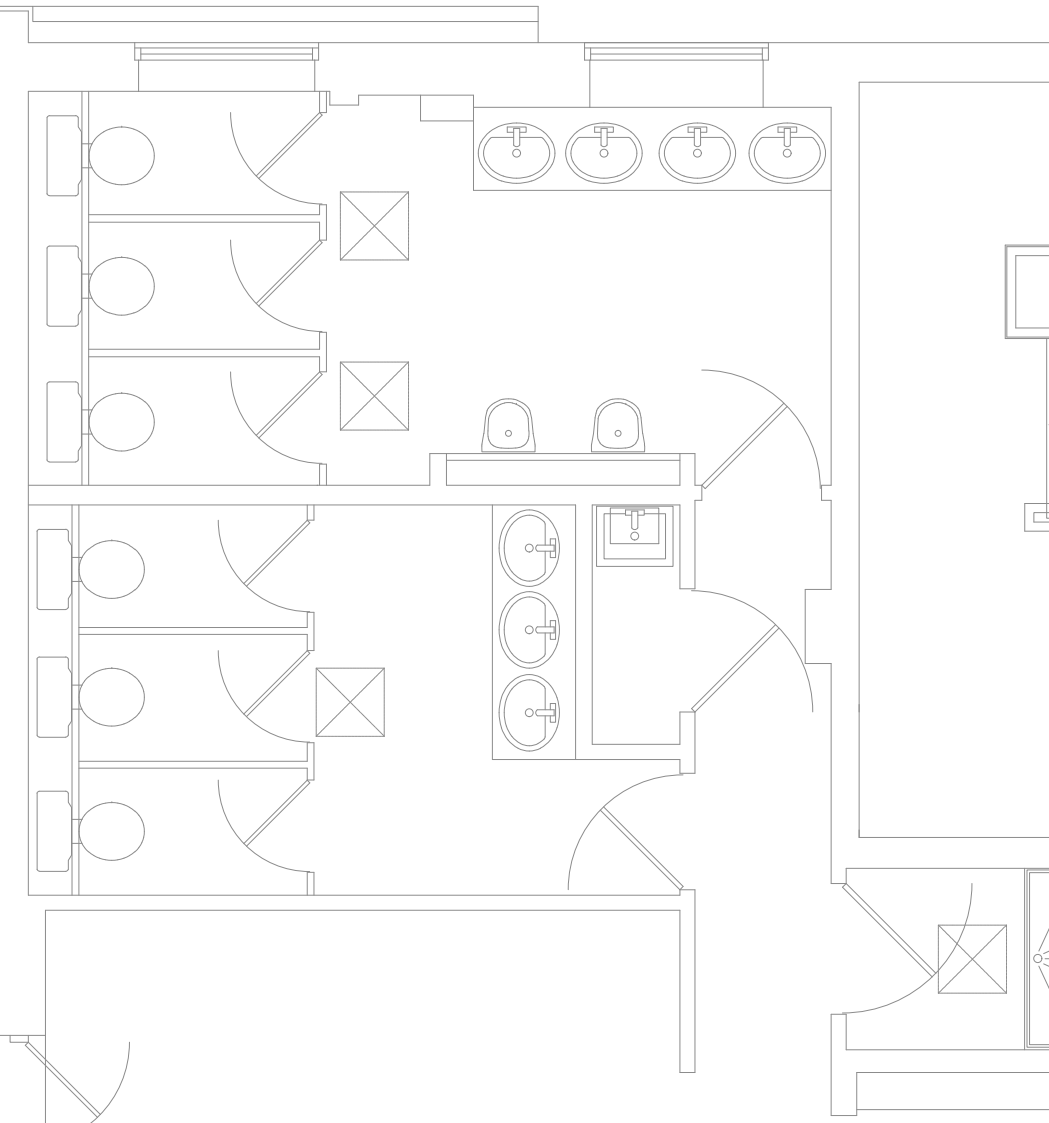
Note final detail of siting and support to be agreed with structural engineer and landlord.

HVRF condensing units on big foot frames

New Condensing Units
VRF 4 1 PURY 350 weight 273 kg
VRF 4 2 PURY 350 weight 273 kg
VRF 4 3 PURY 350 weight 273 kg
VRF 4 4 PURY 350 weight 273 kg
AHU 4 1 PUHZ 250 weight 135 kg
AHU 4 2 PUHZ 250 weight 135 kg
Comms room units- loads tbc
say 2 No at 120 kg each

Existing duct from below.
New 400 x 300 toilet extract duct from below with fire damper at slab level, through existing opening, remove redundant duct to create space for new duct.
New toilet extract twin fan at high level. Duty 0.40m³/s at 175 Pa. Sited on drop rods with AVM's
New 900 x 500 weather louvre.
600mm wide GSS tray for refrigerant pipework at high level.

New opening in wall for refrigerant pipework.
Refrigerant pipework on GSS Tray rises to high level
AHU coil heat pump condensing units on PLAROCK bases
Comms room condensing units on PLAROCK bases. Duty of units subject to confirmation of required cooling loads by UCL



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No.	REVISION	CHK	DATE
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DRAWING STATUS PRELIMINARY

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CLIENT
OVERBURY PLC

PROJECT
UCL 40 BERNARD STREET
LONDON

TITLE
5th FLOOR ~ NORTH
HVAC PLANT AREA
DESIGN CONCEPT

DATE	SCALE
JAN 22	1:50@A1
DRAWN	CHECKED
AH	AH

DRAWING No.	REVISION
LR7050 M 501	P3