

100  
0 10  
Millimetres

DO NOT SCALE

<b>SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION</b>
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:
<b>CONSTRUCTION</b> WORKING AT HEIGHT & LIVE SERVICES
<b>MAINTENANCE/CLEANING</b> WORKING AT HEIGHT & LIVE SERVICES.
<b>DECOMMISSIONING/DEMOLITION</b> WORKING AT HEIGHT & LIVE SERVICES.
It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement.

**Notes**

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED
2. ALL PIPES ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED
3. THIS DRAWING REPRESENTS DESIGN INTENT ONLY
4. DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS TO BE VERIFIED ON SITE
5. THIS DRAWING SHOWS MAIN DISTRIBUTION PIPEWORK ROUTES ONLY

**Legend**

- Existing Distribution Board
- Surface Water Drainage Channel
- Planter Area
- Condensate Pipe from Fan Coil Units
- Flow and Return Pipes from Riser
- Low Temperature Hot Water Flow and Return
- Chilled Water Flow and Return
- Fan Coil Unit

**Abbreviations**

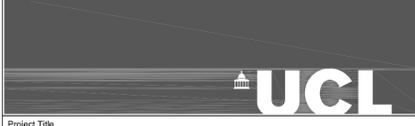
- FCU - Fan Coil Units
- CHW - Chilled Water
- LTHW - Low Temperature Hot Water

P1	14/06/2019	FOR INFORMATION	BC	SM	SM
Rev.	Date	Description	By	Chk'd	App'd

FOR INFORMATION



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Project Title  
UCL WILKINS BUILDING REPLACEMENT OF MECHANICAL SERVICES

Drawing Title  
Ground Floor Proposed Mechanical Services for Provost's Dining Room and Whistler Room

Scale	1:25	Designed	BC	Drawn	BC	Checked	SM	Authorised	SM	
Original Size	A1	Date	14/06/2019	Date	14/06/2019	Date	14/06/2019	Date	14/06/2019	
Drawing Number	5187806-ATK-00-DR-ME-100								Revision	P1



Pipework to be concealed behind cupboards as shown below and in picture

Dimensions: 1243x220x485+150 min.(vertical flow entry) mm

G09D  
WHISTLER ROOM

Right hand FCU in order to make pipework routing and access more efficient

Simplified piping arrangement as per planning comments

1 no. FCU condensate pipe that drops from high level to low level as indicated

Concealed CHW and LTHW pipework path shown in red leading into Whistler Room behind cupboard. Indicative FCU shown in green, locations are not exact

2 no. LTHW and 2 no. CHW Flow and Return pipes sized for Whistler Room FCU



Dimensions: 2053x220x485+150 min.(vertical flow entry) mm

Existing Distribution Board DB-5/LGPLD

2 no. LTHW and 2 no. CHW Flow and Return pipes sized for Provost Dining Room FCU

Left hand FCU in order to make pipework routing and access more efficient

2 no. LTHW and 2 no. CHW Flow and Return pipes at high level along staircase wall



statue

High level CHW and LTHW pipework path along staircase and into Provost Dining Room shown in red. Indicative FCU shown in green, locations are not exact  
Please refer to page 2 for standard penetration details which apply to mechanical piping.

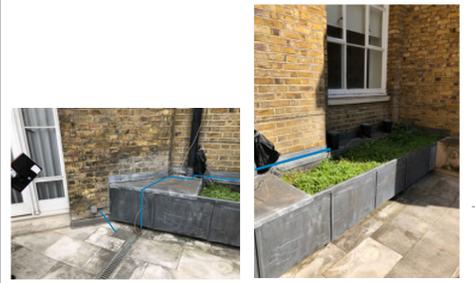
G10  
PROVOST DINING ROOM



FCU casings to have similar grille arrangement as per existing units in the UCL Wilkins Building as shown. Grilles to be included in casing design

Connect to existing CHW and LTHW services in G11

G90



Indicative route of condensate pipework in blue from Provost's Dining Room and Whistler Room

G11  
SERVER

G92



Existing CHW and LTHW pipework in G11 server room to be utilised for new FCUs and mechanical services arrangement

G84

By **Bassel Cassia**  
Date 17/03/2020

UCL Wilkins Building



Title:  
Mechanical Services  
Locations of proposed services penetrations through building fabric - Views