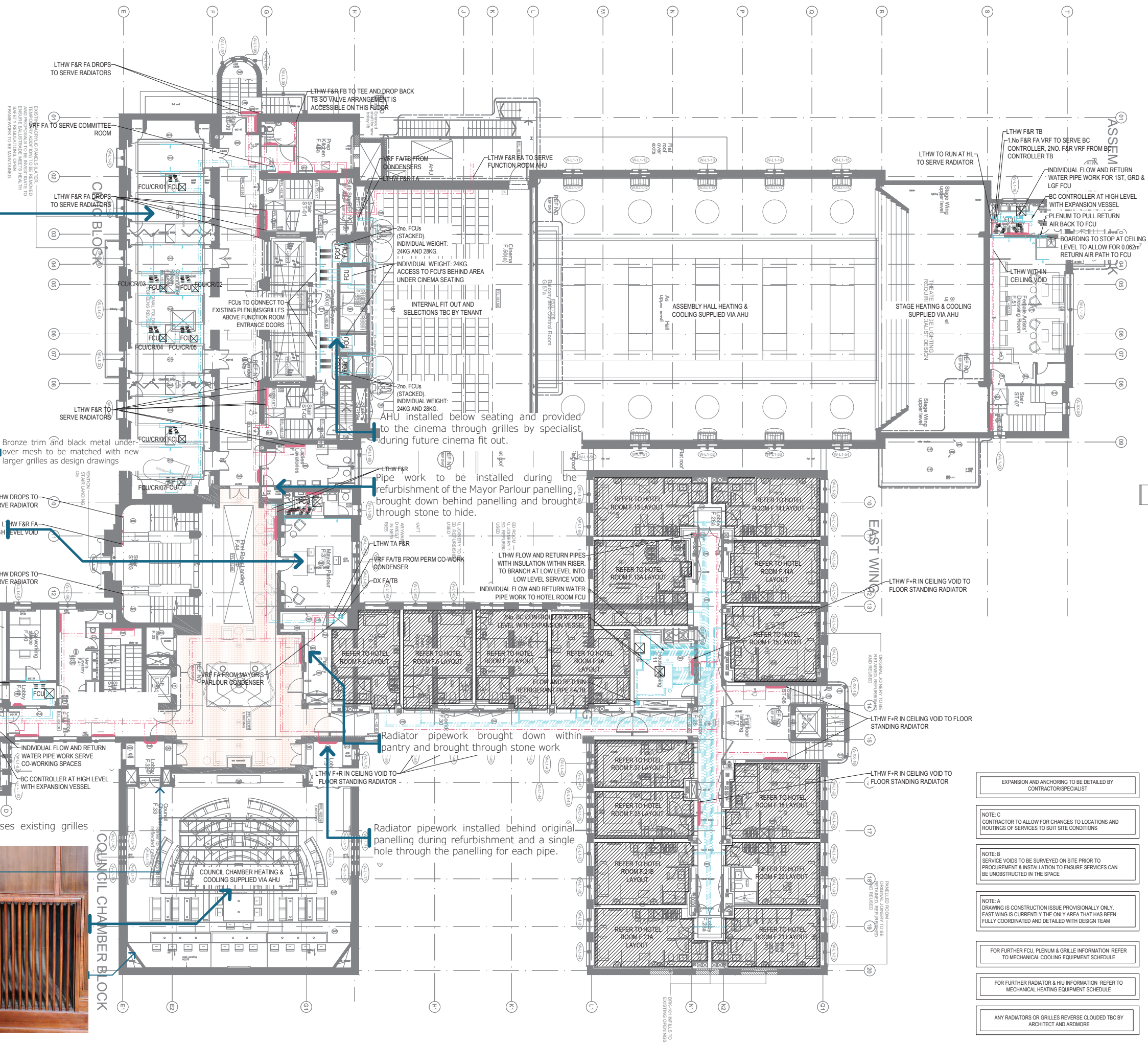
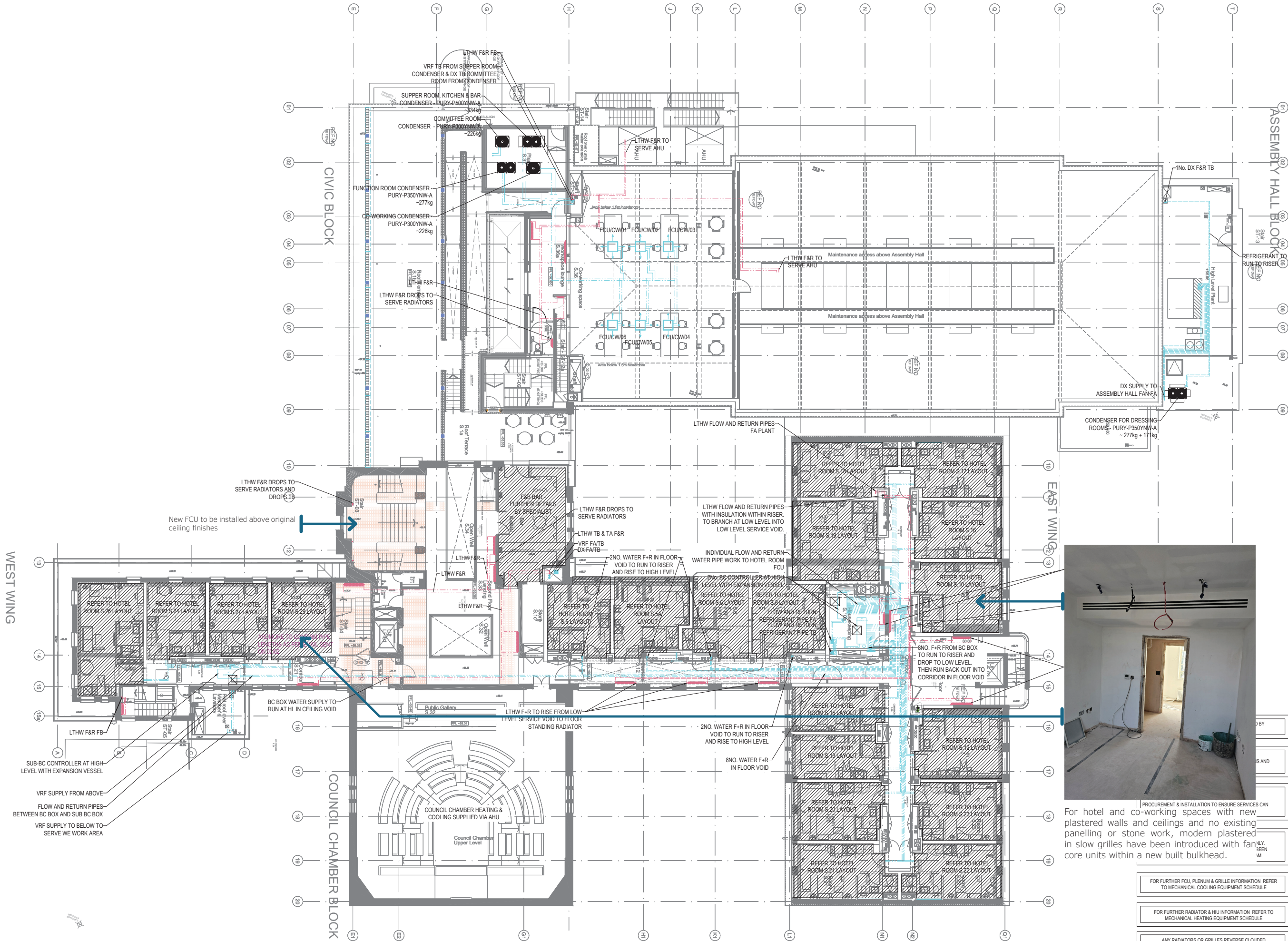


WESTWING

Figure 10 is a detailed schematic of a building's mechanical system, specifically the air handling and distribution. The diagram shows a central air handling unit (AHU) with a fan (F-300) and a filter (F-300). Air is distributed through a network of ducts (D-300) to various rooms. Key components include a 'NEW BULKHEAD' (B-300), a 'LOW LEVEL' (L-300), and a 'CONVERTING SPACE' (C-300). The diagram also shows a 'STAIR' (S-300) and a 'RADIATOR' (R-300). The system is designed to provide 'LTHW F&R RISES TO RADIATOR ABOVE' (Low Temperature Hot Water Flow and Return Rises to Radiator Above). The diagram includes a grid system with letters A through F and numbers 1 through 6. A blue arrow indicates the flow of air from the AHU to the 'CONVERTING SPACE'.



WEST WING



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LEGEND

- PIPEWORK AT LOW LEVEL
- PIPEWORK TO DROPRISE
- PIPEWORK BENEATH FLOOR / WITHIN FLOOR SCREED / HIDDEN
- PIPEWORK AT HIGH LEVEL / WITHIN CEILING VOID
- DISTRICT HEATING F&R PIPEWORK
- REFRIGERANT F&R PIPEWORK
- RADIATOR - REFER TO RADIATOR SCHEDULE FOR SPECIFIC DETAILS
- LINEAR SUPPLY GRILLE
- LINEAR EXTRACT GRILLE
- CONDENSER UNIT - REFER TO SCHEDULE FOR SPECIFICATION

NOTES

- Drawing to be read in conjunction with design risk management drawings.
- For full distribution details including sizes and valve arrangements, please refer to relevant schematic.
- Pipe work running externally to be finished in PIB coating to prevent moisture ingress.
- This drawing shall be read in conjunction with the NBS Specification and all British Standards and documents referred to within the mechanical & electrical schematics, detail sheets, and relevant structural and architectural drawings.
- All heating to be installed in line with GTC technical guidelines.
- Incoming mains with the ground to be designed by GTC.
- Pipework entry into the apartment is to be detailed by the architect.

KEY

F&R Flow and Return

FA From Above

FB From Below

TA To Above

TB To Below

Areas of existing ceilings to be removed and reinstated for services

BACKGROUND PLAN AS PER: KDS ARCHITECTS

DRAWING NO.	REVISION	DATE RECEIVED
3670-KDS-TH-02-DR-A-03-2005	C3	27.10.2022

Rev	Date	Description	Scale	Size	Drwn	Chkd
C3	08.02.2023	Updated to comments from MAKE	1:125	A1	DALS	EJ
C2	06.01.2023	Updated heating pipe routes to Andmore comments	1:125	A1	DALS	EJ
C1	26.09.2022	Updated refrigerant routes to hotel rooms	1:125	A1	DALS	EJ
C0	19.08.2022	Added access hatches	1:125	A1	DALS	EJ
C0	08.06.2022	Radiators omitted from S.33 landing as per clients request	1:125	A1	DALS	EJ
C4	23.03.2022	Updated to coordinate with new Flatwood vent info. Removed stage fan condensers	1:125	A1	DALS	EJ
C3	20.05.2021	Attenuation and condensers updated. Provisional as per note above. Refrigerant pipework updated.	1:125	A1	DALS	EJ
C2	18.01.2021	Updated condensers	1:125	A1	DALS	EJ
C1	26.10.2020	Construction issue. Provisional as per note above	1:125	A1	DALS	EJ
P3	23.10.2020	Updated radiators	1:125	A1	DALS	EJ
P2	21.08.2020	Second Preliminary Issue	1:125	A1	DALS	EJ
P1	30.07.2020	Work In Progress	1:125	A1	DALS	EJ
P1	21.02.2020	Preliminary Issue	1:125	A1	DALS	EJ

Current purpose: CONSTRUCTION
Original Issue Date: 21.02.2020
Scale: 1:125
Size: A1
Drwn: DALS
Chkd: JC

FOR FURTHER FCU, PLENUM & GRILLE INFORMATION REFER TO MECHANICAL COOLING EQUIPMENT SCHEDULE

FOR FURTHER RADIATOR & HIU INFORMATION REFER TO MECHANICAL HEATING EQUIPMENT SCHEDULE

ANY RADIATORS OR GRILLES REVERSE CLOUDED TBC BY ARCHITECT AND ANDMORE

Procurement & installation to ensure services can be installed in new plastered walls and ceilings and no existing panelling or stone work, modern plastered in slow grilles have been introduced with fan core units within a new built bulkhead.

Rev: C9