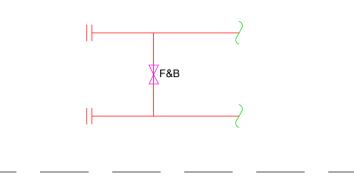
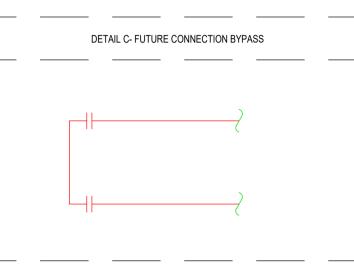


DETAIL B- END OF RUN 3-PORT BYPASS





- 2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE MECHANICAL SPECIFICATION, THE ARCHITECTS DIMENSIONED LAYOUTS AND ALL OTHER RELEVANT CONTRACT DOCUMENTATION.
- 3. ALL PLANT AND EQUIPMENT SHALL BE INSTALLED, REGULATED AND TESTED IN ACCORDANCE WITH THE MANUFACTURERS PRINTED INSTRUCTIONS
- 4. ALL INTERNAL HEATING AND CHILLED WATER PIPEWORK TO BE CARBON STEEL PIPEWORK TO BS 1387 THERMALLY INSULATED WITH FOIL FACE CLASS 'O' INSULATION AND ALUMINIUM HAMMER CALD PROTECTIVE CASING.
- MANUAL DRAIN COCKS ON SYSTEM LOW POINTS.
- 6. ALL PIPEWORK PENETRATIONS THROUGH FIRE RATED STRUCTURES OR BARRIERS TO BE SUITABLY FIRED RATED.
- 8. THE CONTRACTOR SHALL ALLOW FOR TESTING, COMMISSIONING AND SETTING TO WORK ALL HEATING, CHILLED WATER AND VENTILATION SYSTEMS IN ACCORDANCE WITH THE RELEVANT CIBSE COMMISSIONING CODES AND THE BSRIA APPLICATION GUIDES.
- 9. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF THEIR WORKS WITH ALL OTHER TRADES.

	NEW CHW FLOW/RETURN PIPEWORK NEW CONDENSATE PIPEWORK
LEGEND	

CS	COMMISSIONING SET
ST	STRAINER
N. N	ISOLATION VALVE
2PCV	2-PORT MOTORISED CONTROL VALVE

S4 - P04	21/02/2023	TEST FIT PIPEWORK ADDED	IE	AG
S4 - P03	28/10/2022	TENDER ISSUE	TE	AG
S2 - P02	14/10/2022	INFORMATION ISSUE	TE	AG
S2 - P01	30/09/2022	INFORMATION ISSUE	RJ	AG
SUIT- REV	DATE	DESCRIPTION	DRN	CHK
STATUS				

FOR INFORMATION

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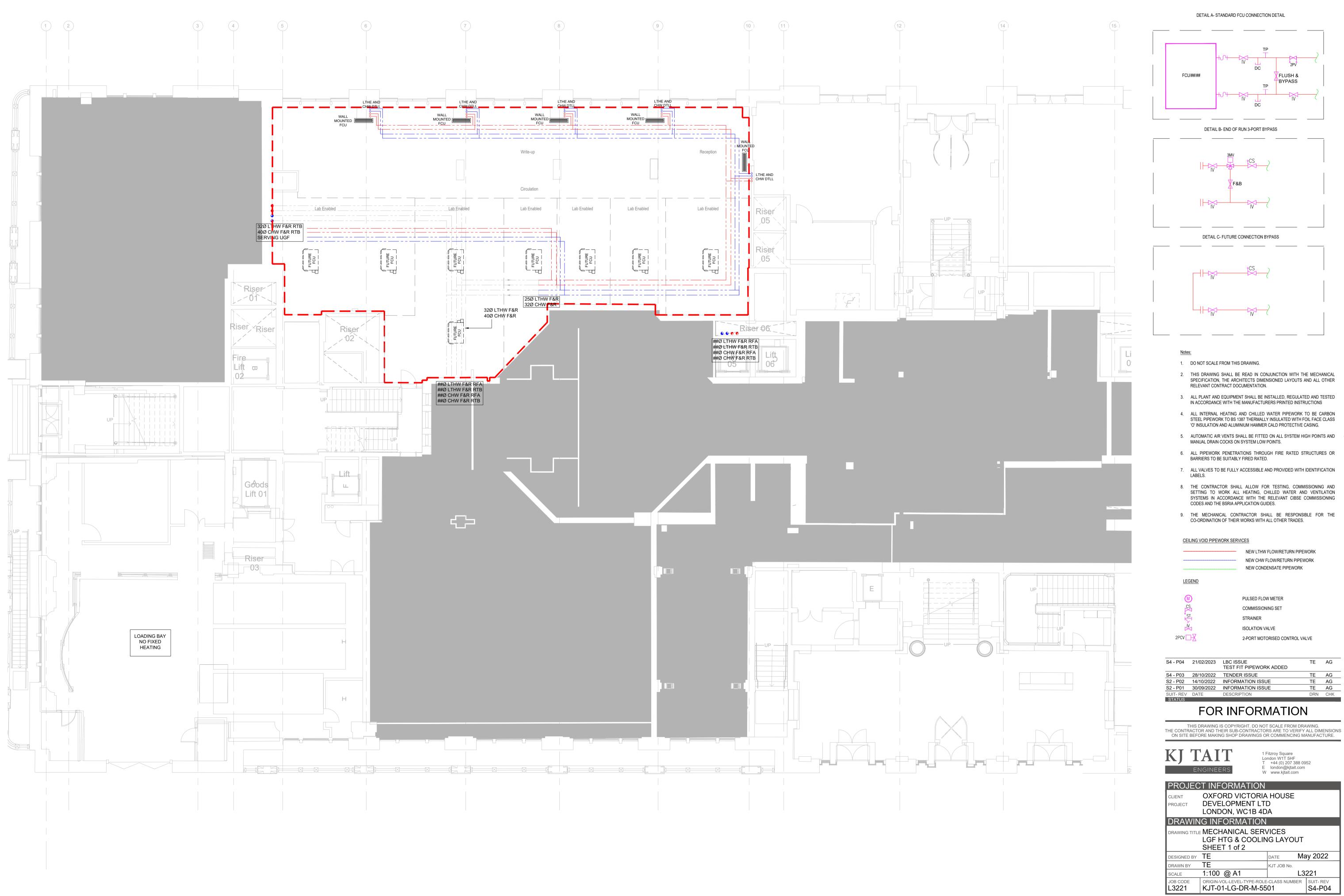
1 Fitzroy Square London W1T 5HF T +44 (0) 207 388 0952 E london@kjtait.com
W www.kjtait.com

PROJECT INFORMATION

DRAWING INFORMATION DRAWING TITLE MECHANICAL SERVICES

B1 HEATING & COOLING LAYOUT SHEET 1 of 2 DATE May 2022 KJT JOB No. L3221

JOB CODE ORIGIN-VOL-LEVEL-TYPE-ROLE-CLASS NUMBER SUIT- REV S4-P04

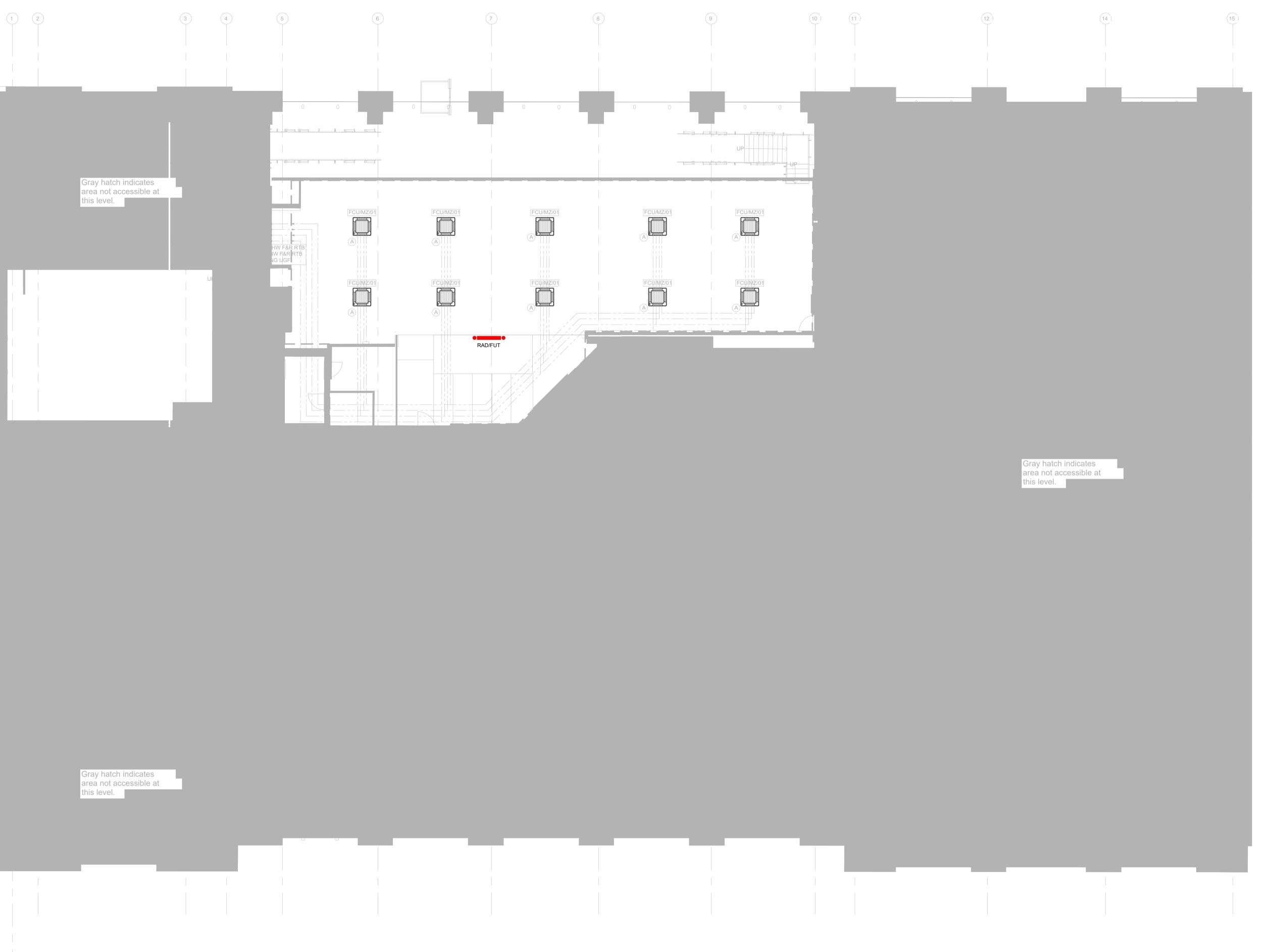


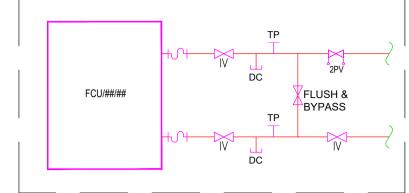
- 2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE MECHANICAL SPECIFICATION, THE ARCHITECTS DIMENSIONED LAYOUTS AND ALL OTHER
- STEEL PIPEWORK TO BS 1387 THERMALLY INSULATED WITH FOIL FACE CLASS

- 9. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE

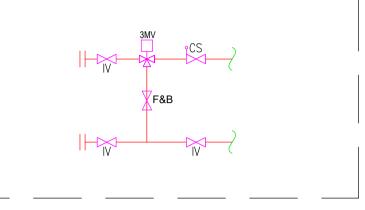
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S4 - P03	28/10/2022	TENDER ISSUE	TE	AG
S2 - P02	14/10/2022	INFORMATION ISSUE	TE	AG
S2 - P01	30/09/2022	INFORMATION ISSUE	TE	AG
SUIT- REV	DATE	DESCRIPTION	DRN	CHK
CTATLIC				

	SHEET 1 of 2		
DESIGNED BY	TE	DATE	May 2022
DRAWN BY	TE	KJT JOB No.	
20415	1.100 @ 11	1	1 2224

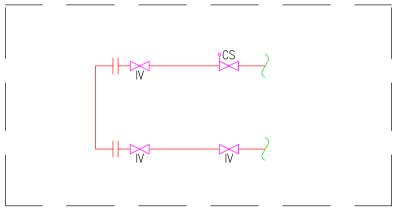




DETAIL B- END OF RUN 3-PORT BYPASS



DETAIL C- FUTURE CONNECTION BYPASS



Notes:

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- AUTOMATIC AIR VENTS SHALL BE FITTED ON ALL SYSTEM HIGH POINTS AND MANUAL DRAIN COCKS ON SYSTEM LOW POINTS.
- 6. ALL PIPEWORK PENETRATIONS THROUGH FIRE RATED STRUCTURES OR BARRIERS TO BE SUITABLY FIRED RATED.
- 7. ALL VALVES TO BE FULLY ACCESSIBLE AND PROVIDED WITH IDENTIFICATION
- 8. THE CONTRACTOR SHALL ALLOW FOR TESTING, COMMISSIONING AND SETTING TO WORK ALL HEATING, CHILLED WATER AND VENTILATION SYSTEMS IN ACCORDANCE WITH THE RELEVANT CIBSE COMMISSIONING CODES AND THE BSRIA APPLICATION GUIDES.
- 9. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF THEIR WORKS WITH ALL OTHER TRADES.

CEILING VOID PIPEWORK SERVICES

NEW LTHW FLOW/RETURN PIPEWORK
NEW CHW FLOW/RETURN PIPEWORK
NEW CONDENSATE PIPEWORK

LEGEND

2PCV 🔙 📉

PULSED FLOW METER

CS

COMMISSIONING SET

STRAINER

IV

ISOLATION VALVE

S4 - P03	21/02/2023	LBC ISSUE	TE	AG
		RADIATOR FOR WELFARE ADDED		
S4 - P02	28/10/2022	TENDER ISSUE	TE	AG
S2 - P01	14/10/2022	INFORMATION ISSUE	TE	AG
CLUT DEV	DATE	DESCRIPTION	DDN	CHK

2-PORT MOTORISED CONTROL VALVE

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PROJECT INFORMATION

CLIENT OXFORD VICTORIA HOUSE
PROJECT DEVELOPMENT LTD

LONDON, WC1B 4DA
DRAWING INFORMATION
DRAWING TITLE MECHANICAL SERVICES

DRAWING TITLE MECHANICAL SERVICES
MEZANINE HTG & COOLING LAYOUT

 SHEET 1 of 1

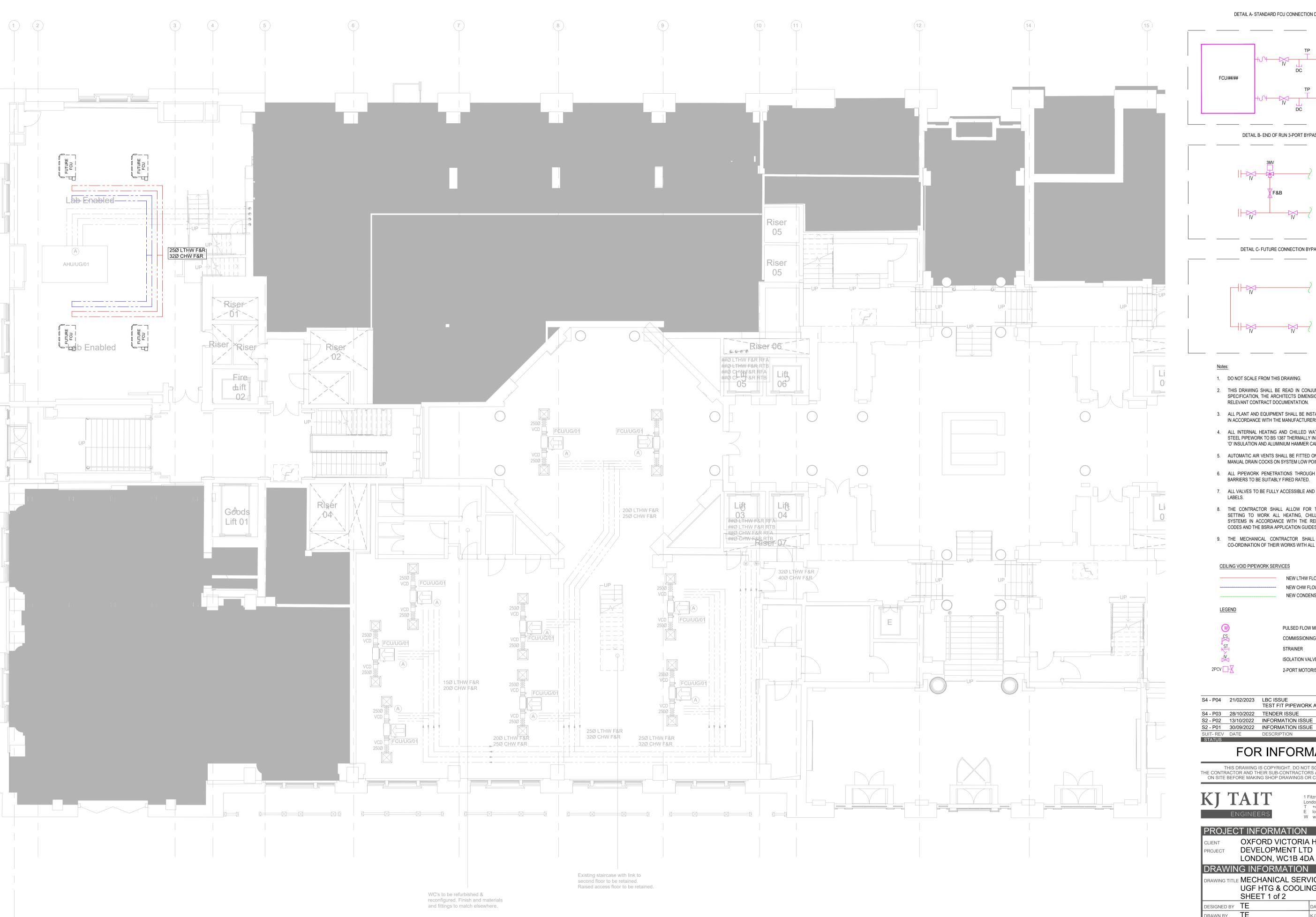
 DESIGNED BY
 TE
 DATE
 May 2022

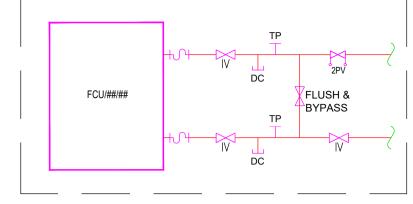
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 TE
 KJT JOB No.

 SCALE
 1:100 @ A1
 L3221

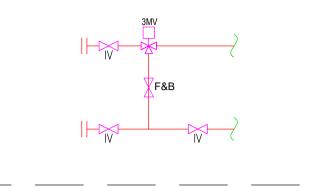
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 ORIGIN-VOL-LEVEL-TYPE-ROLE-CLASS NUMBER
 SUIT- REV

 L3221
 KJT-01-MZ-DR-M-5501
 S4-P03

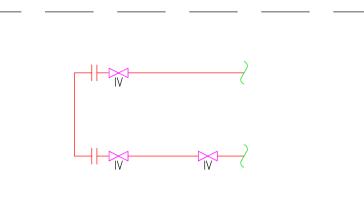




DETAIL B- END OF RUN 3-PORT BYPASS



DETAIL C- FUTURE CONNECTION BYPASS



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- 7. ALL VALVES TO BE FULLY ACCESSIBLE AND PROVIDED WITH IDENTIFICATION
- 8. THE CONTRACTOR SHALL ALLOW FOR TESTING, COMMISSIONING AND SETTING TO WORK ALL HEATING, CHILLED WATER AND VENTILATION SYSTEMS IN ACCORDANCE WITH THE RELEVANT CIBSE COMMISSIONING CODES AND THE BSRIA APPLICATION GUIDES.
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CEILING VOID PIPEWORK SERVICES

	NEW LTHW FLOW/RETURN PIPEWORK
	NEW CHW FLOW/RETURN PIPEWORK
	NEW CONDENSATE PIPEWORK
<u>LEGEND</u>	

M	PULSED FLOW METER
CS	COMMISSIONING SET
ST	STRAINER
ÍV	ISOLATION VALVE
2PCV 🔙	2-PORT MOTORISED CONTROL VALVE

S4 - P04	21/02/2023	LBC ISSUE TEST FIT PIPEWORK ADDED	TE	AG
S4 - P03	28/10/2022	TENDER ISSUE	TE	AG
S2 - P02	13/10/2022	INFORMATION ISSUE	TE	AG
S2 - P01	30/09/2022	INFORMATION ISSUE	TE	AG
SUIT- REV	DATE	DESCRIPTION	DRN	CHK

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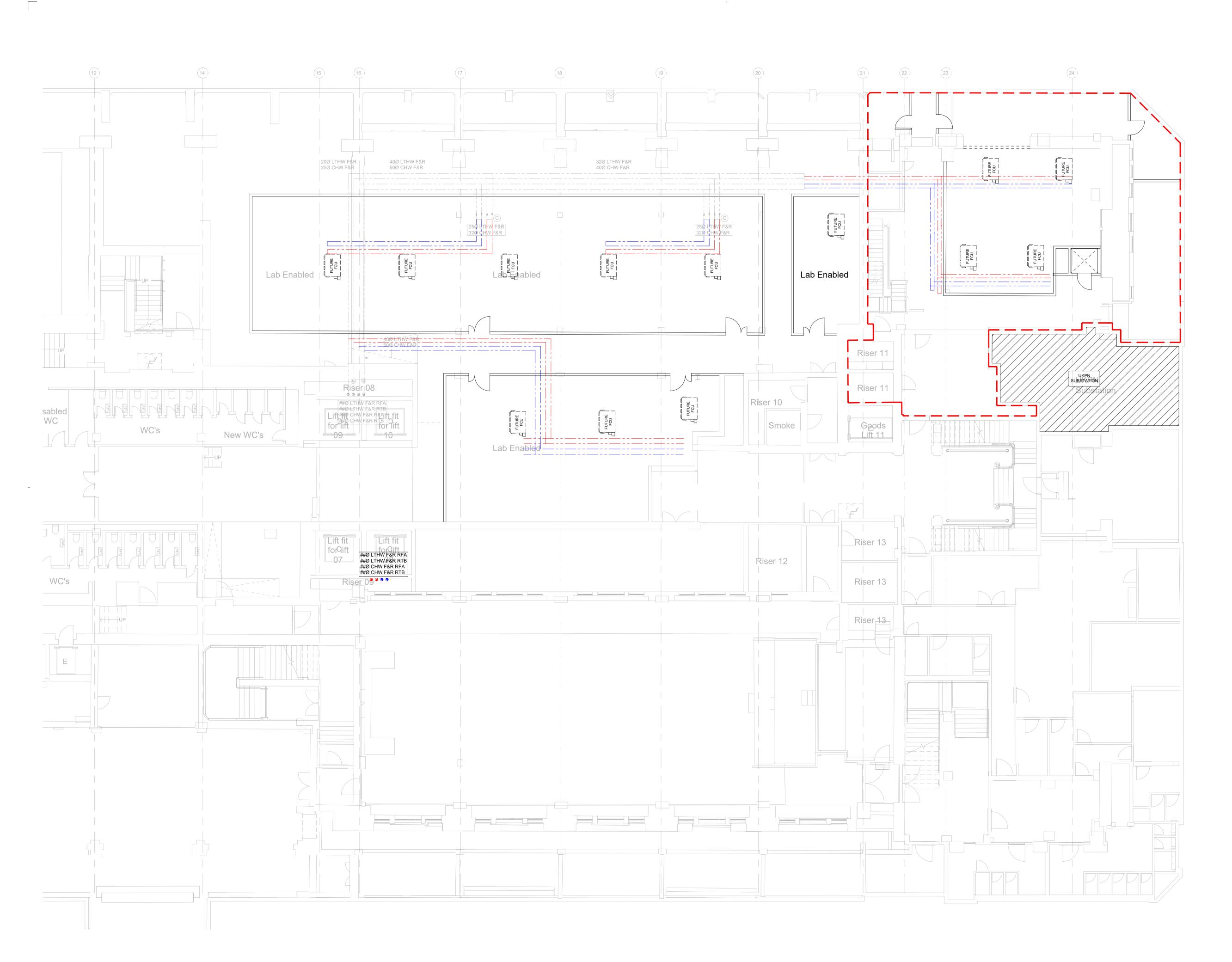
PROJECT INFORMATION OXFORD VICTORIA HOUSE

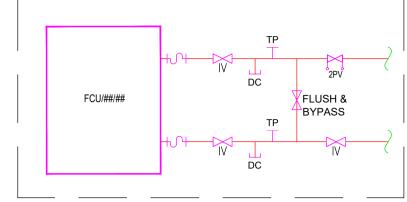
DRAWING INFORMATION DRAWING TITLE MECHANICAL SERVICES UGF HTG & COOLING LAYOUT

LONDON, WC1B 4DA

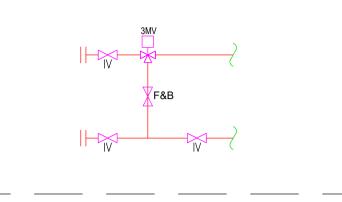
SHEET 1 of 2 DESIGNED BY TE DATE May 2022 KJT JOB No.

DRAWN BY 1:100 @ A1 L3221 JOB CODE ORIGIN-VOL-LEVEL-TYPE-ROLE-CLASS NUMBER SUIT- REV KJT-01-UG-DR-M-5501 S4-P04

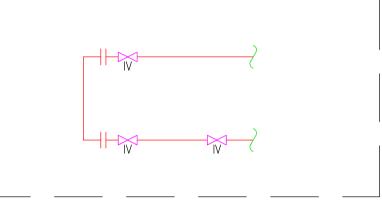




DETAIL B- END OF RUN 3-PORT BYPASS



DETAIL C- FUTURE CONNECTION BYPASS



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- 5. AUTOMATIC AIR VENTS SHALL BE FITTED ON ALL SYSTEM HIGH POINTS AND MANUAL DRAIN COCKS ON SYSTEM LOW POINTS.
- 6. ALL PIPEWORK PENETRATIONS THROUGH FIRE RATED STRUCTURES OR BARRIERS TO BE SUITABLY FIRED RATED.
- 7. ALL VALVES TO BE FULLY ACCESSIBLE AND PROVIDED WITH IDENTIFICATION LABELS.
- 8. THE CONTRACTOR SHALL ALLOW FOR TESTING, COMMISSIONING AND SETTING TO WORK ALL HEATING, CHILLED WATER AND VENTILATION SYSTEMS IN ACCORDANCE WITH THE RELEVANT CIBSE COMMISSIONING CODES AND THE BSRIA APPLICATION GUIDES.
- 9. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF THEIR WORKS WITH ALL OTHER TRADES.

CEILING VOID PIPEWORK SERVICES NEW LTHW FLOW/RETURN PIPEWORK

	NEW CHW FLOW/RETURN PIPEWO
	NEW CONDENSATE PIPEWORK
LEGEND	
M	PULSED FLOW METER
CS	COMMISSIONING SET

STRAINER STRAINER ISOLATION VALVE 2PCV 2-PORT MOTORISED CONTROL VALVE

S4 - P05	21/02/2023	LBC ISSUE SERVICES FOR UNIT 1 AND TEST FIT PIPEWORK ADDED	TE	AG
S4 - P04	20/01/2023	LBC ISSUE SERVICES FOR UNIT 1 ADDDED	TE	AG
S4 - P03	28/10/2022	TENDER ISSUE	TE	AG
S2 - P02	14/10/2022	INFORMATION ISSUE	RJ	AG
S2 - P01	30/09/2022	INFORMATION ISSUE	RJ	AG
SUIT- REV	DATE	DESCRIPTION	DRN	CHK
OTATUO				

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PROJECT INFORMATION

CLIENT OXFORD VICTORIA HOUSE

PROJECT DEVELOPMENT LTD

DRAWING INFORMATION

DRAWING TITLE MECHANICAL SERVICES

B1 HEATING & COOLING LAYOUT

LONDON, WC1B 4DA

SHEET 2 of 2

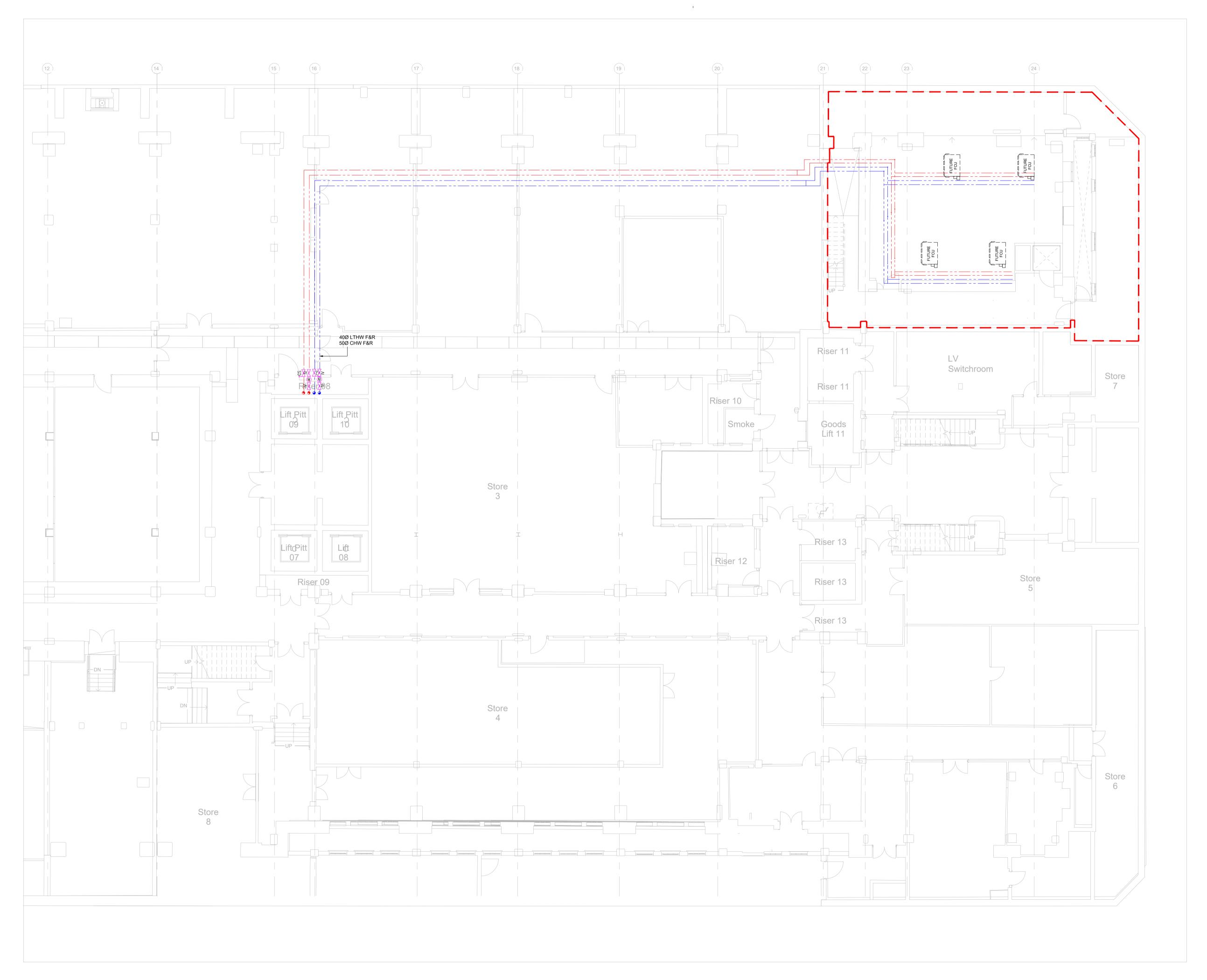
DESIGNED BY TE DATE May 2022

DRAWN BY TE KJT JOB No. 1 3221

 SCALE
 1:100 @ A1
 L3221

 JOB CODE
 ORIGIN-VOL-LEVEL-TYPE-ROLE-CLASS NUMBER
 SUIT-REV

 L3221
 KJT-01-B1-DR-M-5501
 S4-P05



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- 'O' INSULATION AND ALUMINIUM HAMMER CALD PROTECTIVE CASING. 5. AUTOMATIC AIR VENTS SHALL BE FITTED ON ALL SYSTEM HIGH POINTS AND
- 6. ALL PIPEWORK PENETRATIONS THROUGH FIRE RATED STRUCTURES OR

MANUAL DRAIN COCKS ON SYSTEM LOW POINTS.

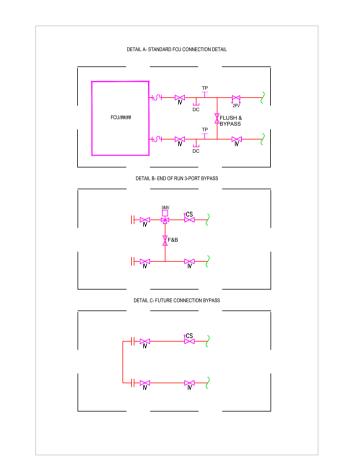
- BARRIERS TO BE SUITABLY FIRED RATED. 7. ALL VALVES TO BE FULLY ACCESSIBLE AND PROVIDED WITH IDENTIFICATION
- 8. THE CONTRACTOR SHALL ALLOW FOR TESTING, COMMISSIONING AND SETTING TO WORK ALL HEATING, CHILLED WATER AND VENTILATION SYSTEMS IN ACCORDANCE WITH THE RELEVANT CIBSE COMMISSIONING CODES AND THE BSRIA APPLICATION GUIDES.
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CEILING VOID PIPEWORK SERVICES

2PCV 📉 📉

	NEW LTHW FLOW/RETURN PIPEWORK NEW CHW FLOW/RETURN PIPEWORK NEW CONDENSATE PIPEWORK
LEGEND	
M	PULSED FLOW METER
CS	COMMISSIONING SET
ST	STRAINER
ÍV	ISOLATION VALVE

2-PORT MOTORISED CONTROL VALVE



S4 - P01	20/01/2023	LBC ISSUE	AG	MT
S4 - P01	20/01/2023	LBC ISSUE	AG	MT
SUIT- REV	DATE	DESCRIPTION	DRN	CHK
STATUS				

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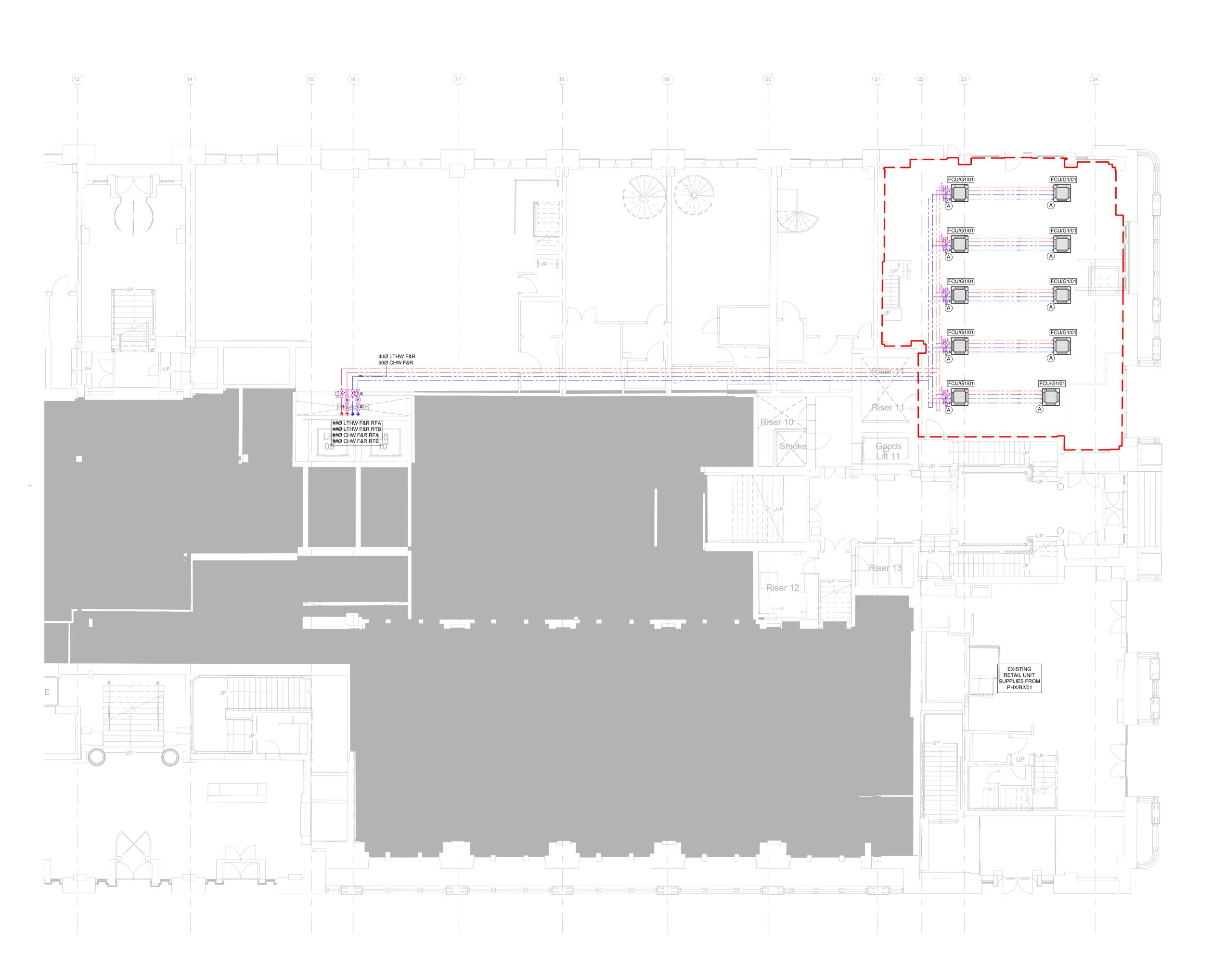
1 Fitzroy Square London W1T 5HF T +44 (0) 207 388 0952 E london@kjtait.com W www.kjtait.com

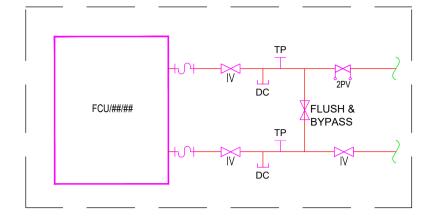
PROJECT INFORMATION CLIENT OXFORD VICTORIA HOUSE
PROJECT DEVELOPMENT LTD
LONDON, WC1B 4DA

DRAWING INFORMATION DRAWING TITLE MECHANICAL SERVICES

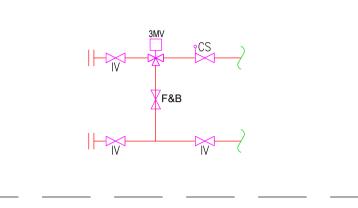
BASEMENT LEVEL 2 LTHW & CHW LAYOUT DESIGNED BY AG Sept 2022 DATE

AG DRAWN BY KJT JOB No. 1:100 @ A1 L3221 JOB CODE ORIGIN-VOL-LEVEL-TYPE-ROLE-CLASS NUMBER SUIT- REV KJT-02-B2-DR-M-5501 S4-P01

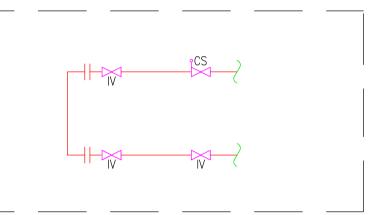




DETAIL B- END OF RUN 3-PORT BYPASS



DETAIL C- FUTURE CONNECTION BYPASS



Notes

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CEILING VOID PIPEWORK SERVICES

NEW LTHW FLOW/RETURN PIPEWORK

NEW CHW FLOW/RETURN PIPEWORK

NEW CONDENSATE PIPEWORK

LEGENE

2PCV 🔛 🐰

PULSED FLOW METER
COMMISSIONING SET

STRAINER ISOLATION VA

ISOLATION VALVE
2-PORT MOTORISED CONTROL VALVE

S4 - P04	21/02/2023	LBC ISSUE SERVICES ADDED TO UNIT 1	AG	MT
S4 - P03	20/01/2023	LBC ISSUE SERVICES ADDED TO UNIT 1	AG	MT
S4 - P02	28/10/2022	TENDER ISSUE	TE	AG
S2 - P01	30/09/2022	INFORMATION ISSUE	RJ	AG
SUIT- REV	DATE	DESCRIPTION	DRN	CHK

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PROJECT INFORMATION

CLIENT OXFORD VICTORIA HOUSE

PROJECT DEVELOPMENT LTD
LONDON, WC1B 4DA
DRAWING TITLE MECHANICAL SERVICES

DRAWING TITLE MECHANICAL SERVICES

LGF HTG & COOLING LAYOUT

SHEET 2 of 2

DESIGNED BY TE DATE May 2022

DRAWN BY TE KJT JOB No.

SCALE 1:100 @ A1 L3221

JOB CODE ORIGIN-VOL-LEVEL-TYPE-ROLE-CLASS NUMBER KJT-02-LG-DR-M-5501

S4-P04