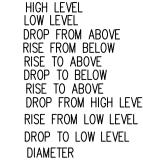


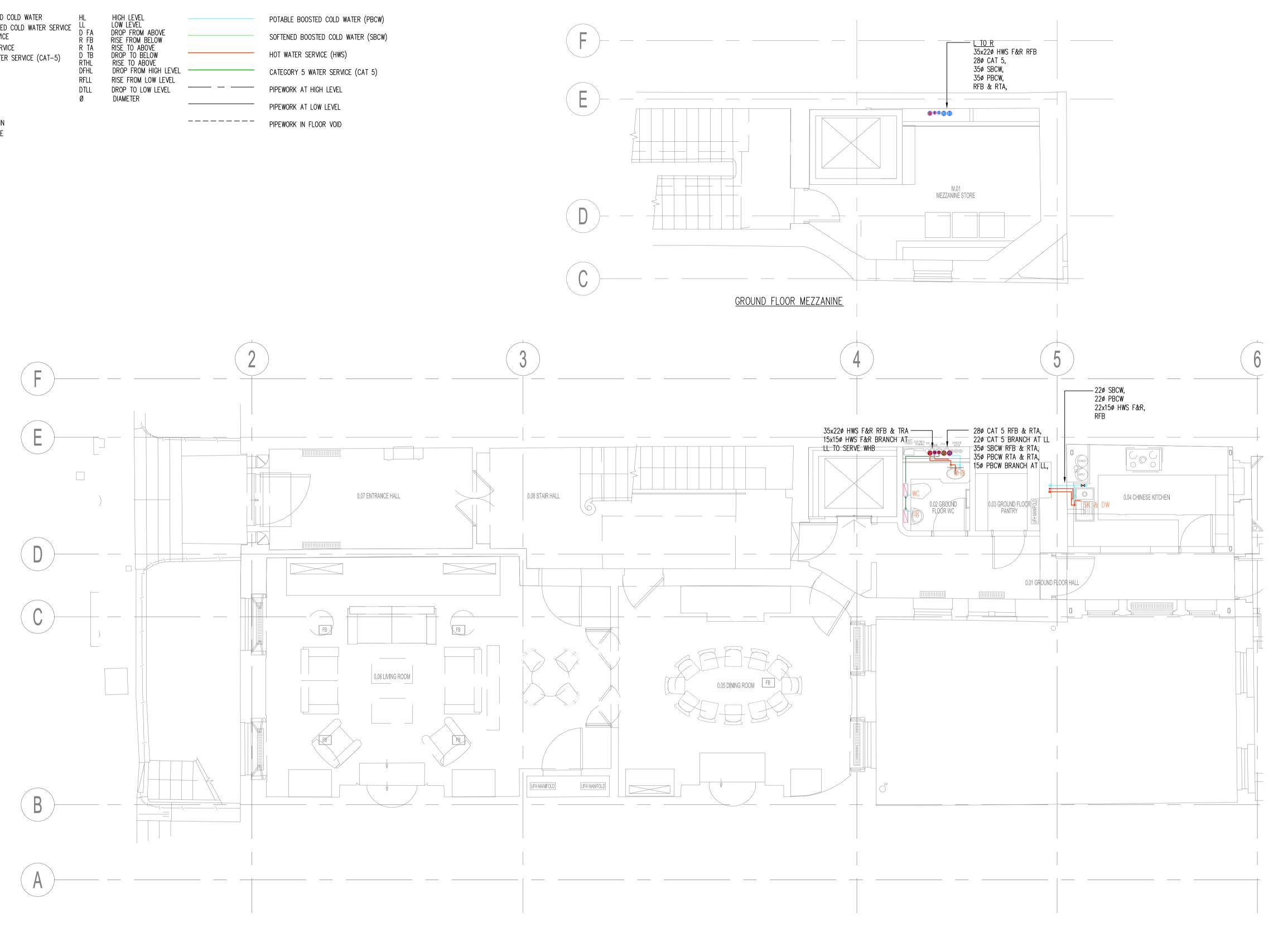
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PBWS SBCW
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MWS
CAT-5
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POTABLE BOOSTED COLD WATER SOFTENED BOOSTED COLD WATER SERVICE HOT WATER SERVICE MAINS WATER SERVICE CATEGORY 5 WATER SERVICE (CAT-5) BIDET DISWASHER HAND SPRAY SHOWER SINK WATER CLOSET WASH HAND BASIN WASHING MACHINE





General Notes:

- The drawing does not necessarily show all the information needed to interpret the design intent or the construction details.
- The drawing contains information from more than one source and must be read in conjunction with all relevant specifications.
- Any apparent drafting errors and differences between other drawings and specifications shall be brought to our attention.

Project Notes:

JW NH 12/17 IDO NH 12/17 IDO NH 11/17

GC IDO 11/17 Drawn & Rev'd by Date

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS. 2. DO NOT SCALE FROM THIS DRAWING.

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Index

05 MEWS OMITTED

07 AMENDED TO BDP COMMENTS 06 AMENDED TO BDP COMMENTS

Description

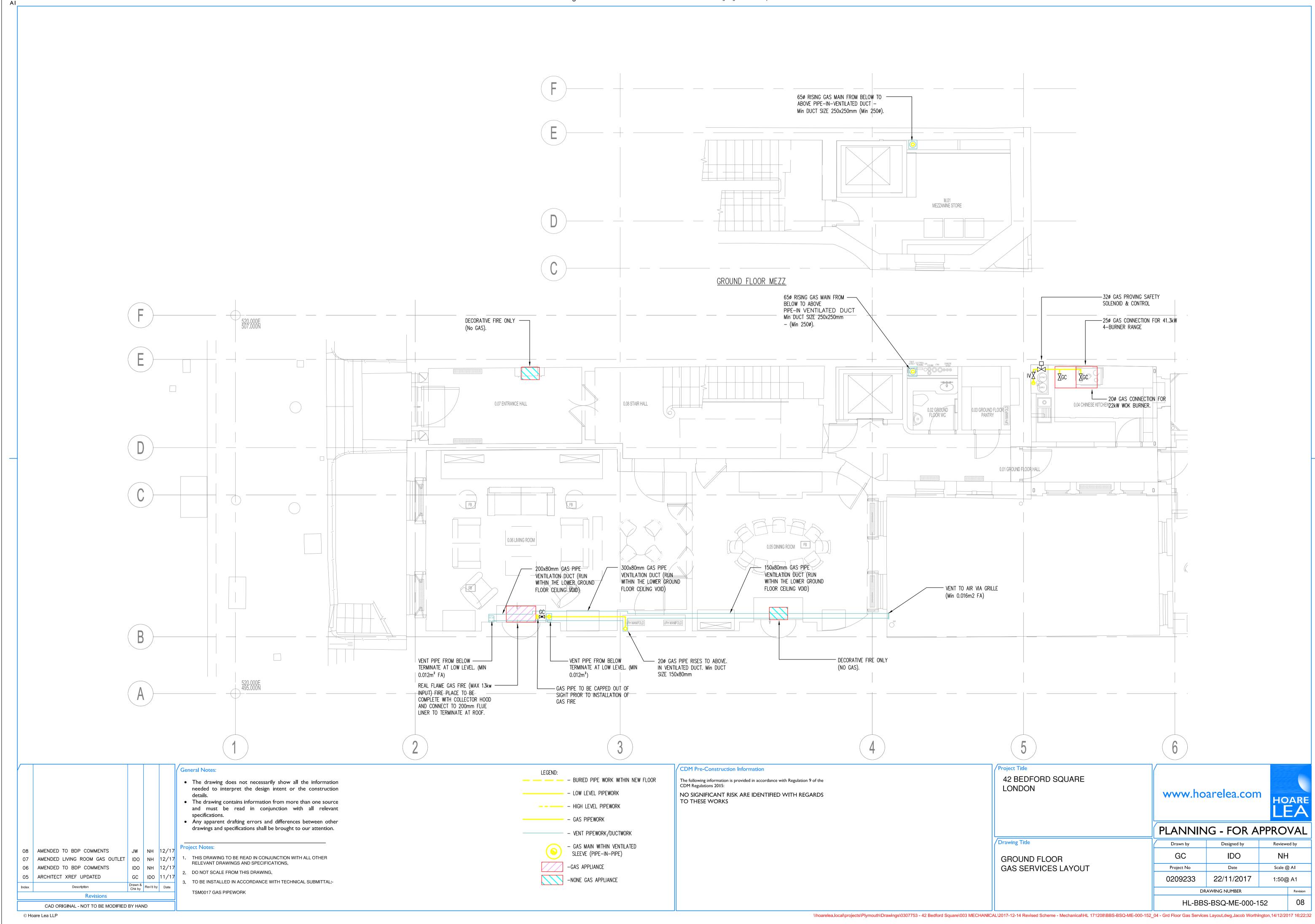
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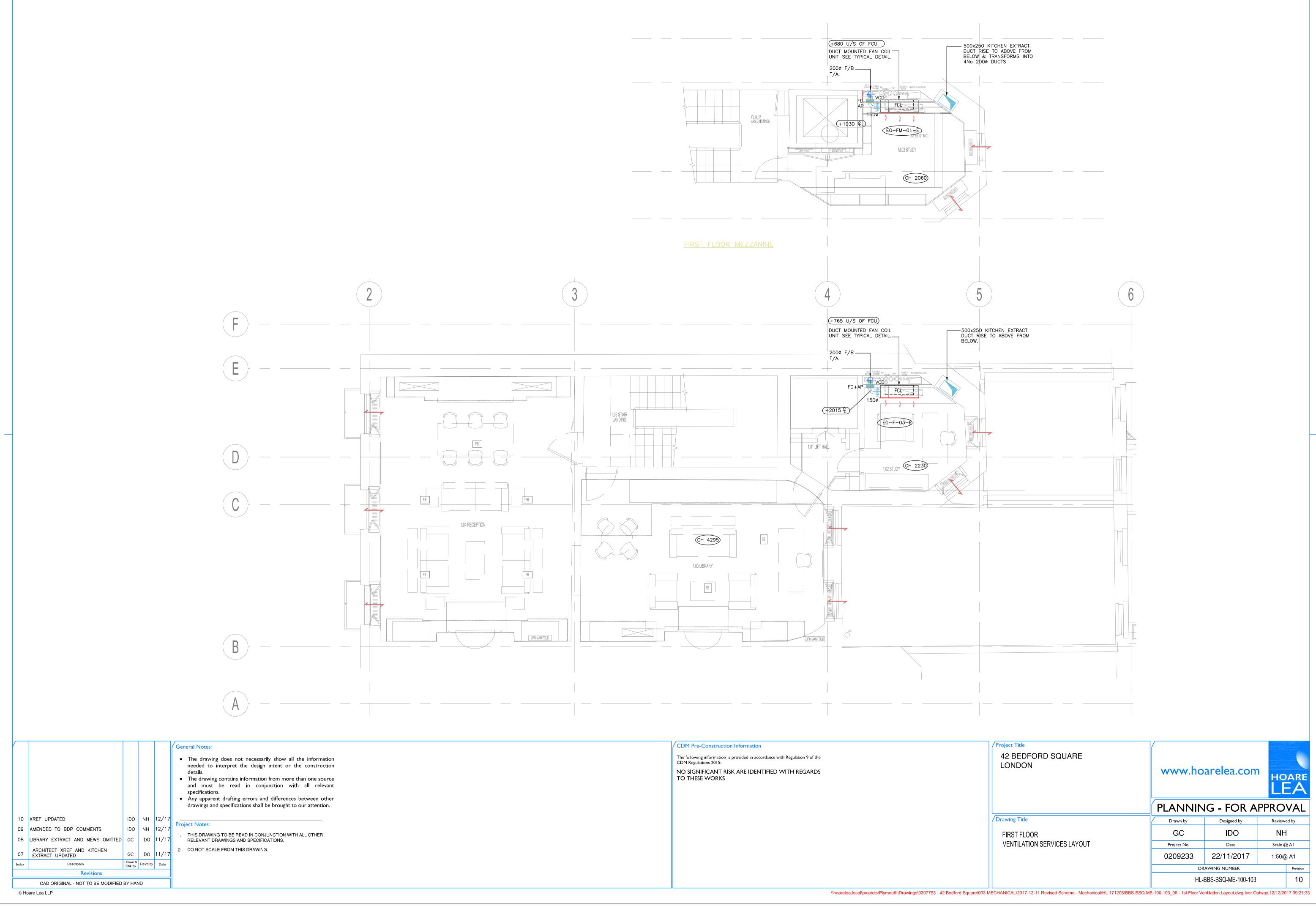
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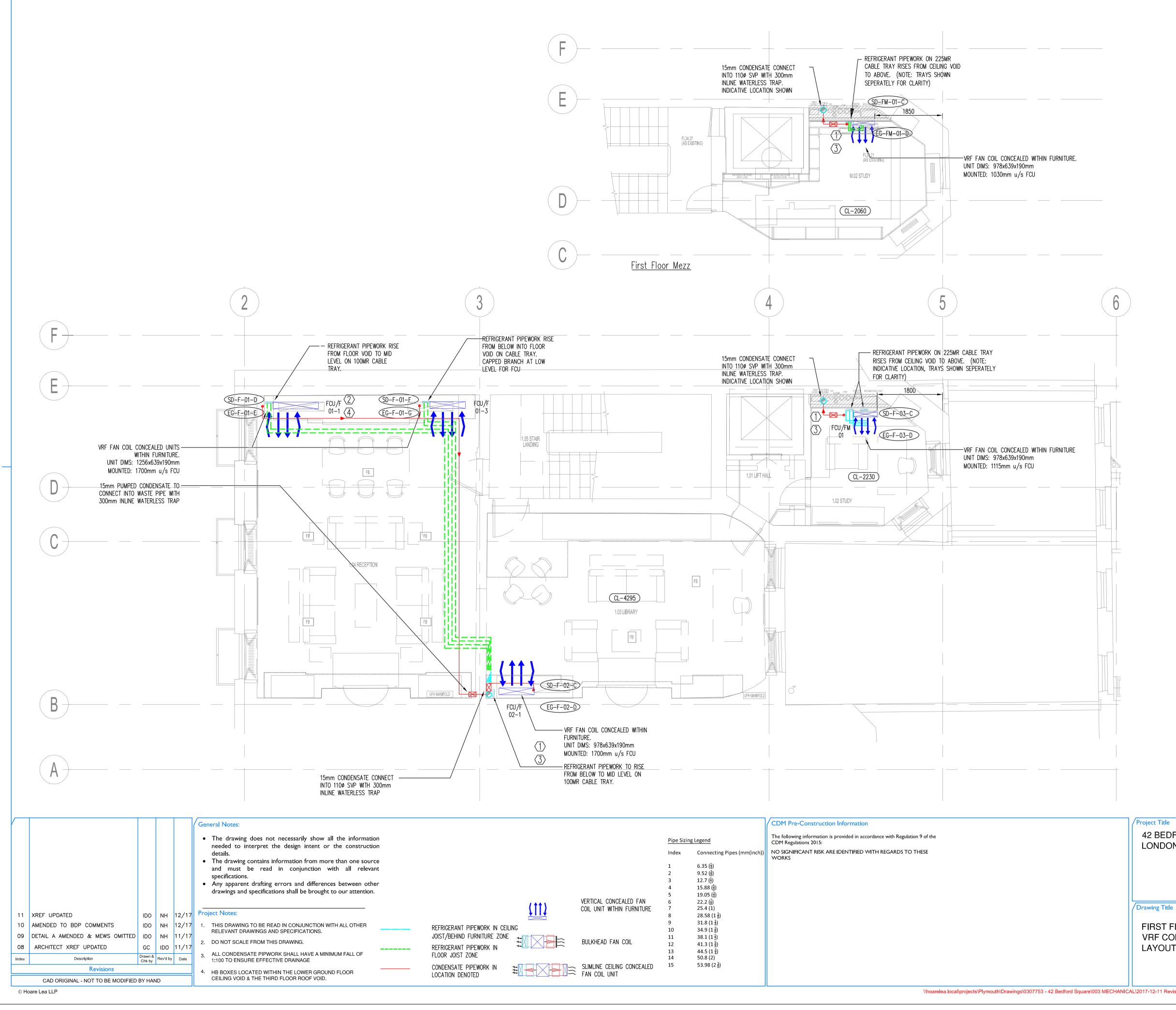
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\\hoarelea.local\projects\Plymouth\Drawings\0307753 - 42 Bedford Square\003 MECHANICAL\2017-12-14 Revised Scheme - Mechanical\HL 171208\BBS-BSQ-ME-000-132_03 - Grd Floor Domestic Water Services.dwg,Jacob Worthington,14/12/2017 15:47:50





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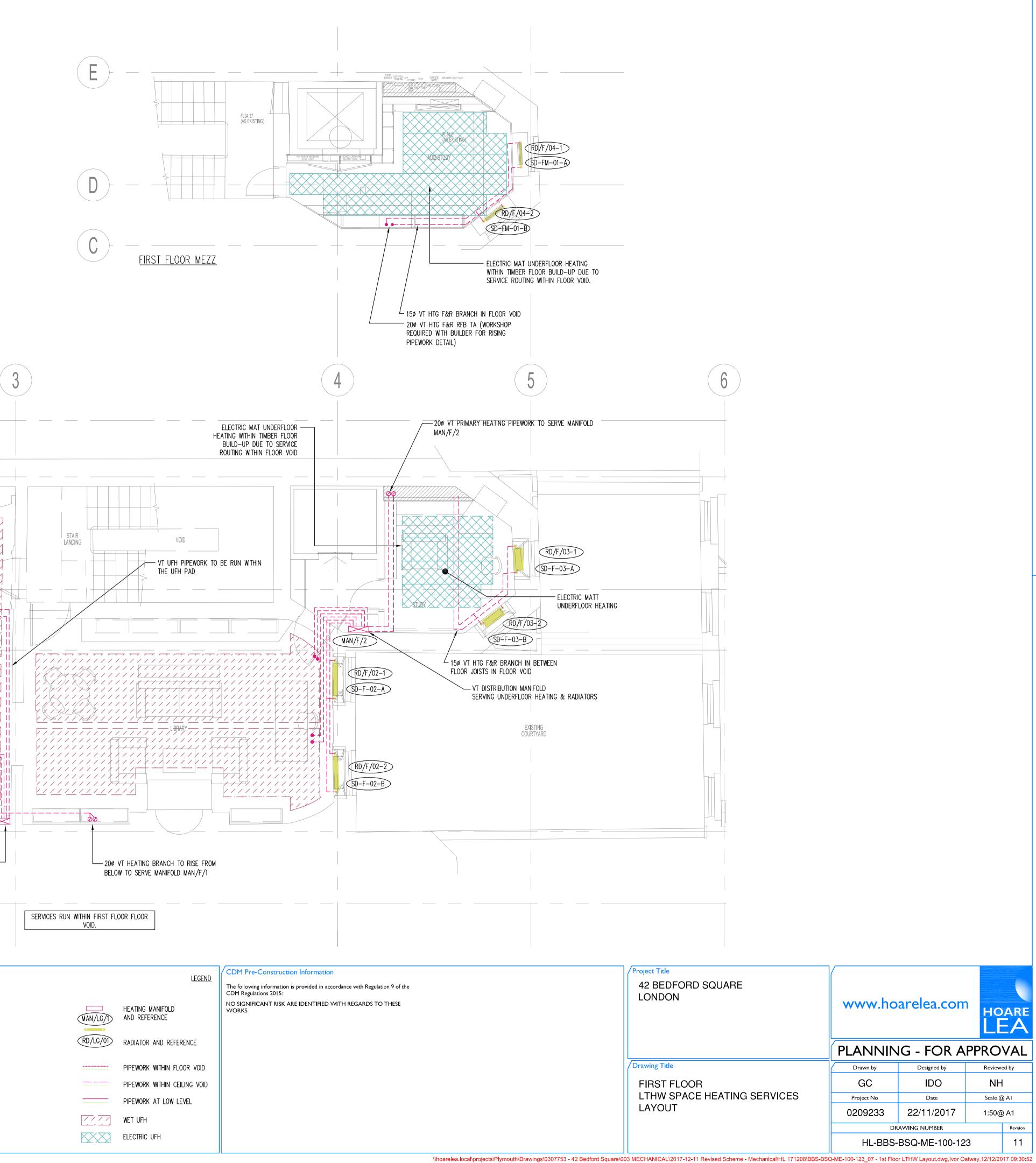
FIRST FLOOR VRF COMFORT COOLING SERVICES PLANNING - FOR APPROVAL Drawn by Designed by Reviewed by IDO GC NH Project No Date Scale @ A I 0209233 22/11/2017 1:50@ A1 Revisio

Project Title 42 BEDFORD SQUARE LONDON

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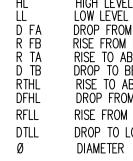
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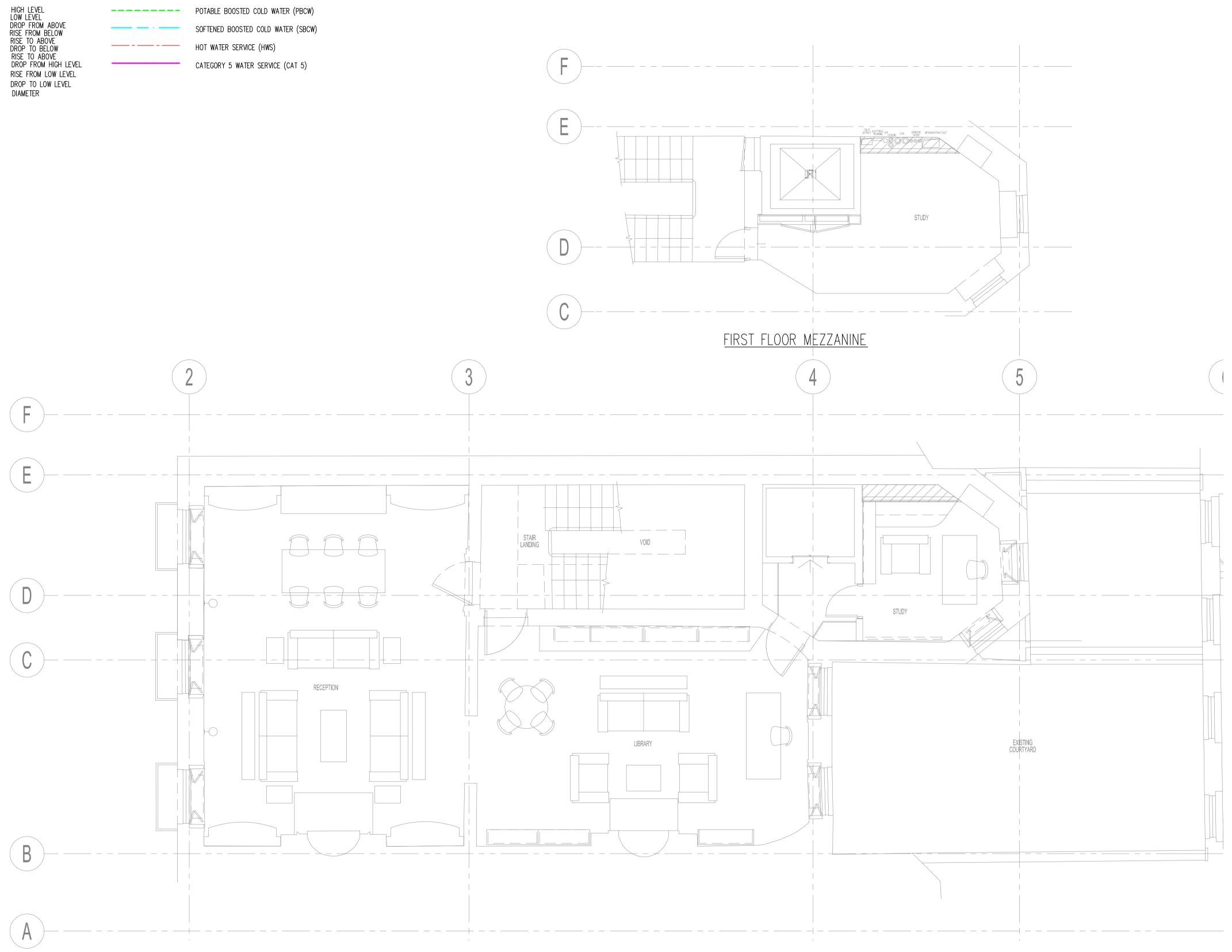
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----- POTABLE BOOSTED COLD WATER (PBCW)

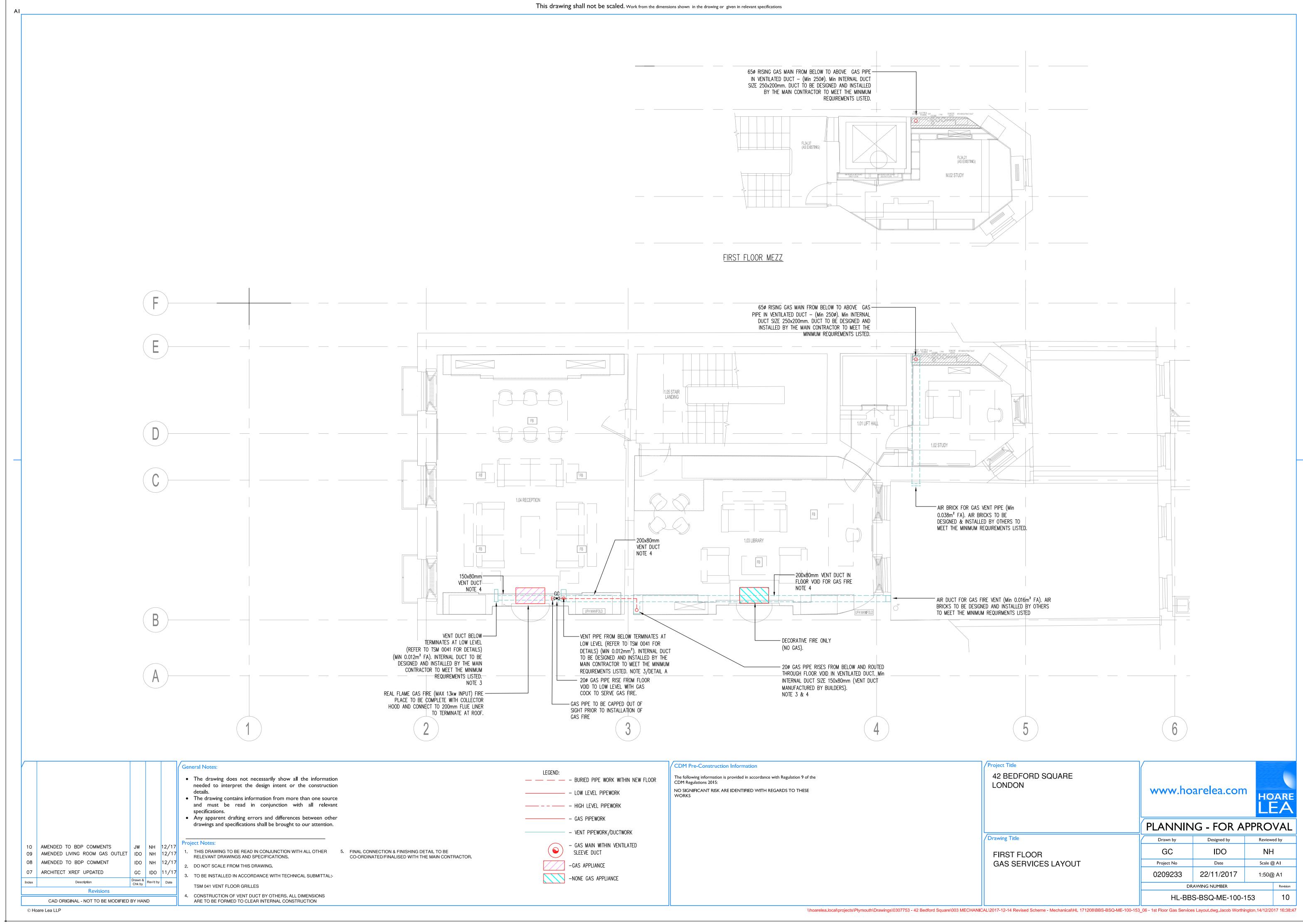


					 General Notes: The drawing does not necessarily show all the information needed to interpret the design intent or the construction details. The drawing contains information from more than one source and must be read in conjunction with all relevant specifications. Any apparent drafting errors and differences between other
					drawings and specifications shall be brought to our attention.
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08	AMENDED TO BDP COMMENTS	IDO	NH	12/17	1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER
07	PIPEWORK AMENDED, CAT 5 SUPPLY REMOVED, AND MEWS OMITTED	GC	IDO	11/17	RELEVANT DRAWINGS AND SPECIFICATIONS.
06	ARCHITECT XREF UPDATED	GC		11/17	2. DO NOT SCALE FROM THIS DRAWING.
Index	Description	Drawn & Chk by	Rev'd by	Date	
	Revisions				
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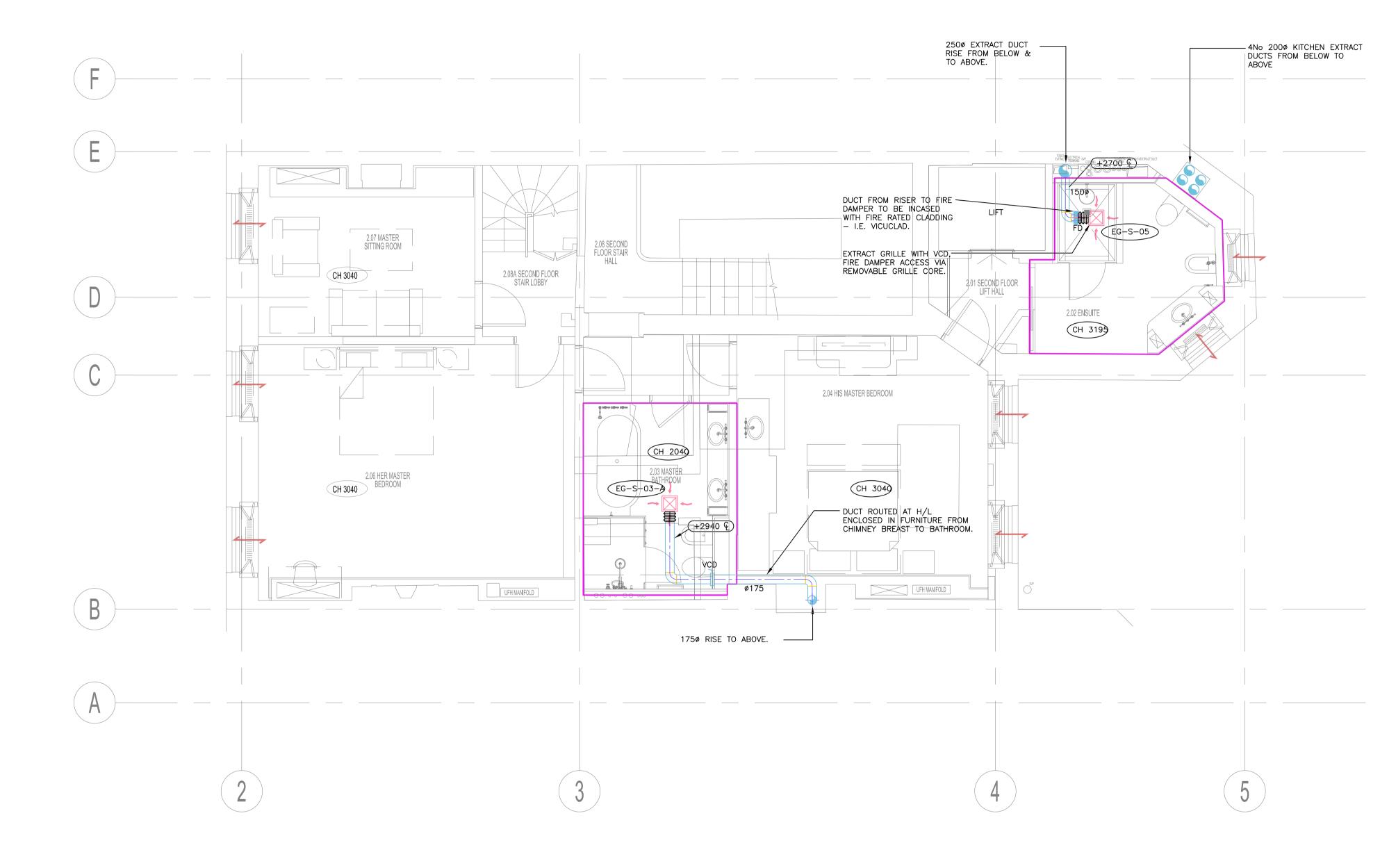
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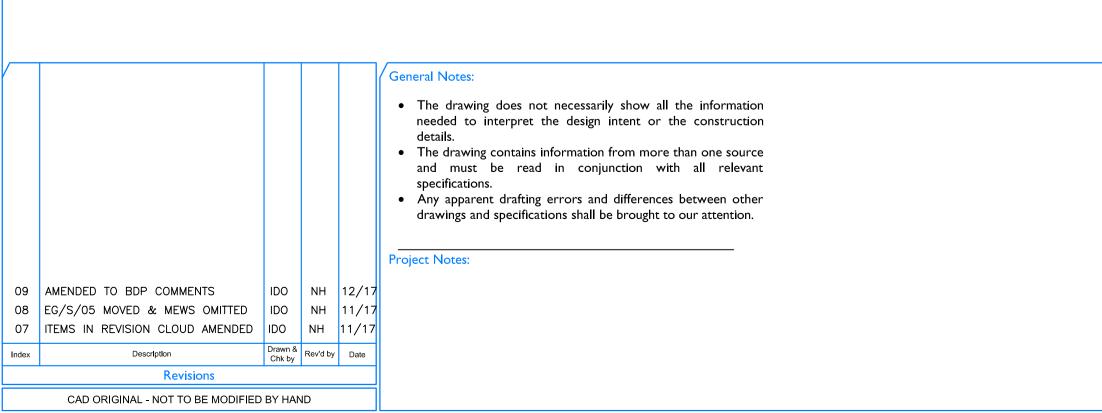
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\\hoarelea.local\projects\Plymouth\Drawings\0307753 - 42 Bedford Square\003 MECHANICAL\2017-12-11 Revised Scheme - Mechanical\HL 171208\BBS-BSQ-ME-100-133_05 - 1st Floor Domestic Water Services Layout.dwg,lvor Oatway,12/12/2017 09:34:08









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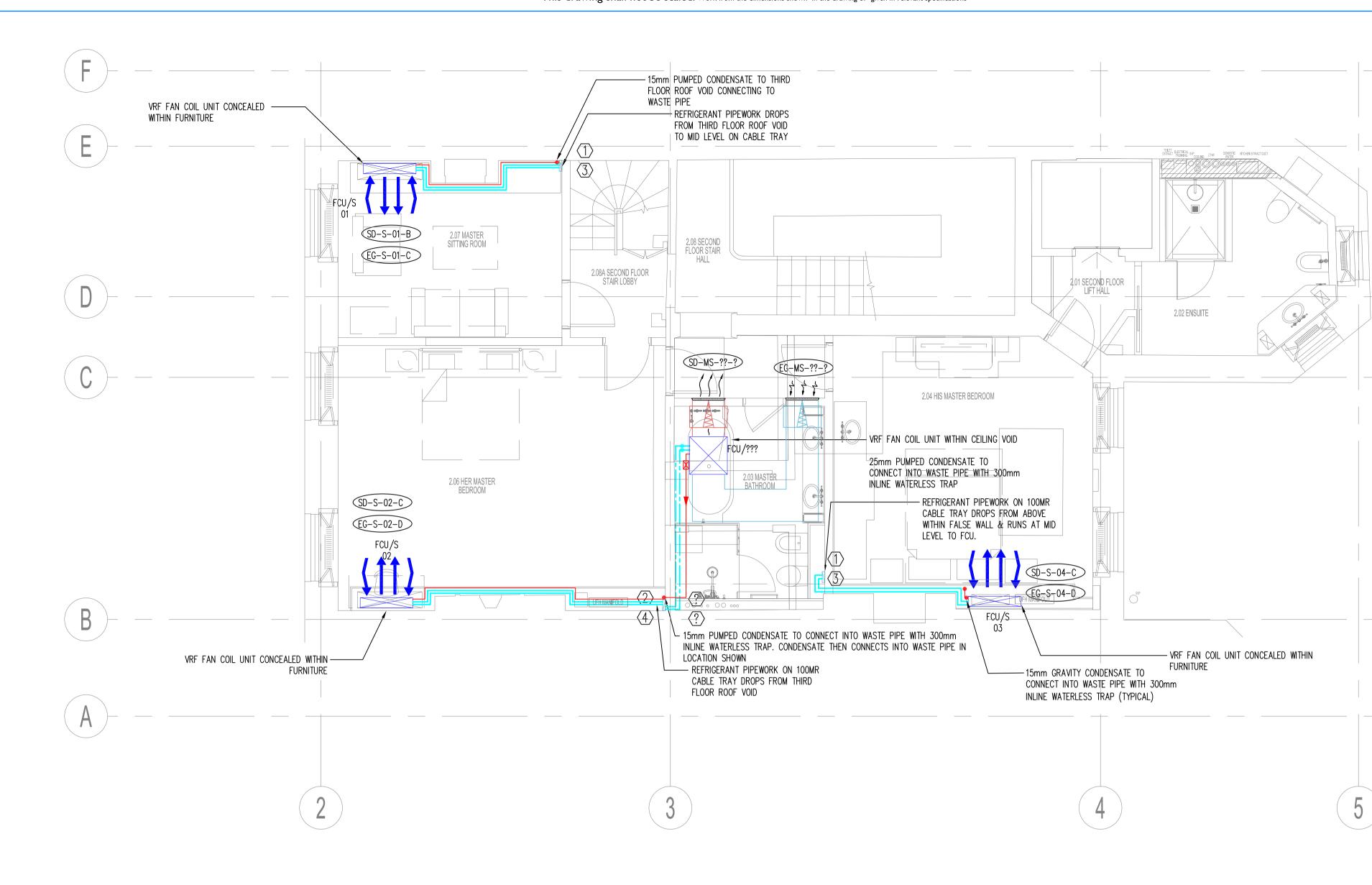
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	General Notes:	LEGEND	Pipe Sizing Legend	CDM Pre-Construction Information	Project Title
10 AMENDED TO DBP COMMENTS JW NH 12/1 09 AMENDED TO DBP COMMENTS IDO NH 12/1 08 DETAILS UPDATED, FCU/S/1&2 IDO NH 11/1 07 ITEMS IN REVISION CLOUD AMENDED IDO NH 11/1 Index Description Drawn & Revid by Date Revisions CAD ORIGINAL - NOT TO BE MODIFIED BY HAND	 7 RELEVANT DRAWINGS AND SPECIFICATIONS. 2. DO NOT SCALE FROM THIS DRAWING. 7 	VERTICAL CONCEALED FAN COIL UNIT WITHIN FURNITURE Image: Coll of the state of t	IndexConnecting Pipes (mm(inch))1 $6.35 \left(\frac{1}{4}\right)$ 2 $9.52 \left(\frac{3}{8}\right)$ 3 $12.7 \left(\frac{1}{2}\right)$ 4 $15.88 \left(\frac{5}{8}\right)$ 5 $19.05 \left(\frac{3}{4}\right)$ 6 $22.2 \left(\frac{7}{8}\right)$ 7 $25.4 \left(1\right)$ 8 $28.58 \left(1\frac{1}{8}\right)$ 9 $31.8 \left(1\frac{1}{4}\right)$ 10 $34.9 \left(1\frac{3}{8}\right)$ 11 $38.1 \left(1\frac{1}{2}\right)$ 12 $41.3 \left(1\frac{5}{8}\right)$ 13 $44.5 \left(1\frac{3}{4}\right)$ 14 $50.8 \left(2\right)$ 15 $53.98 \left(2\frac{1}{8}\right)$	The following information is provided in accordance with Regulation 9 of the CDM Regulations 2015: NO SIGNIFICANT RISK ARE IDENTIFIED WITH REGARDS TO THESE WORKS	42 BEDFOI LONDON Drawing Title SECOND F VRF COMF



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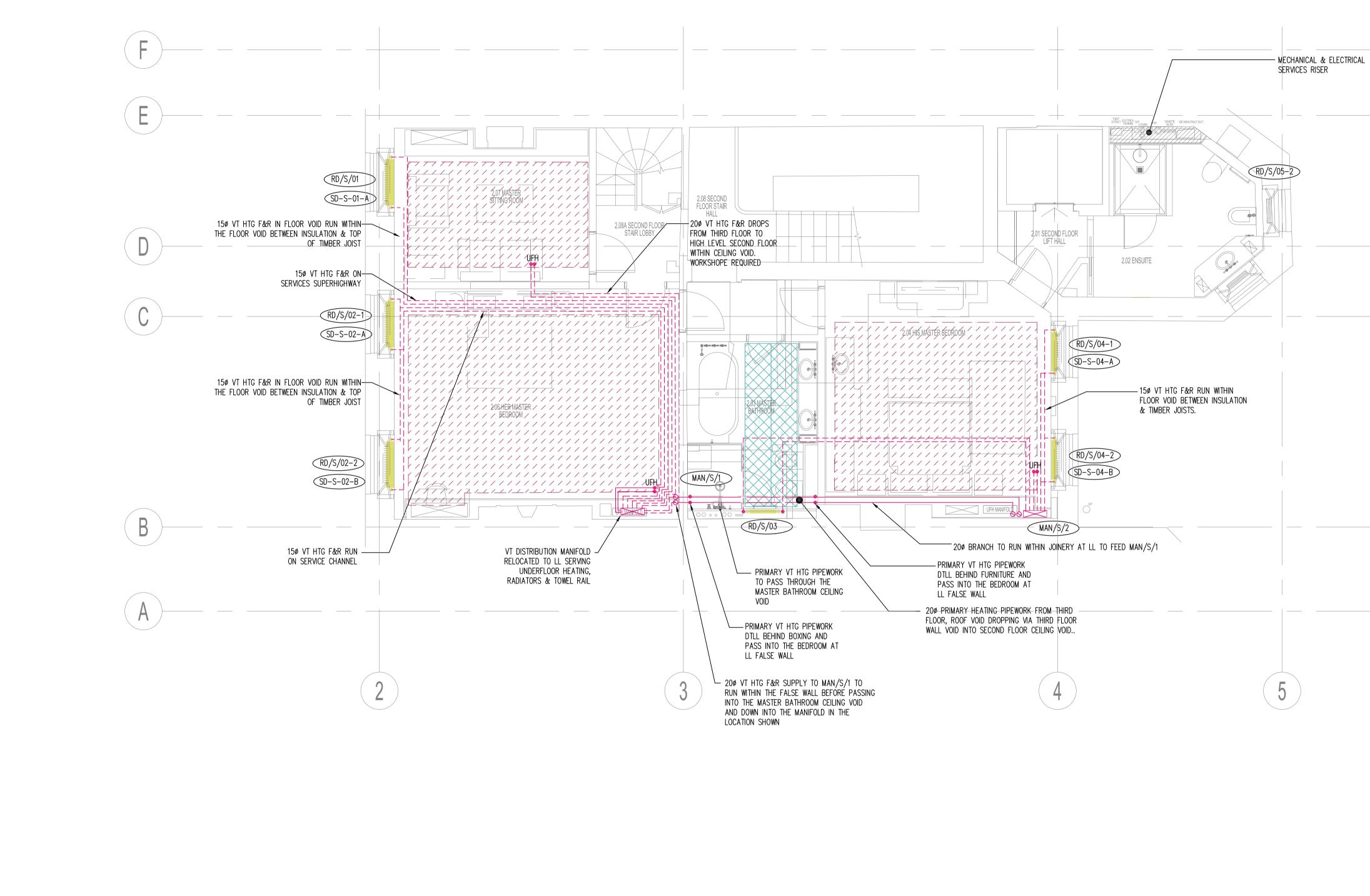
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Revision

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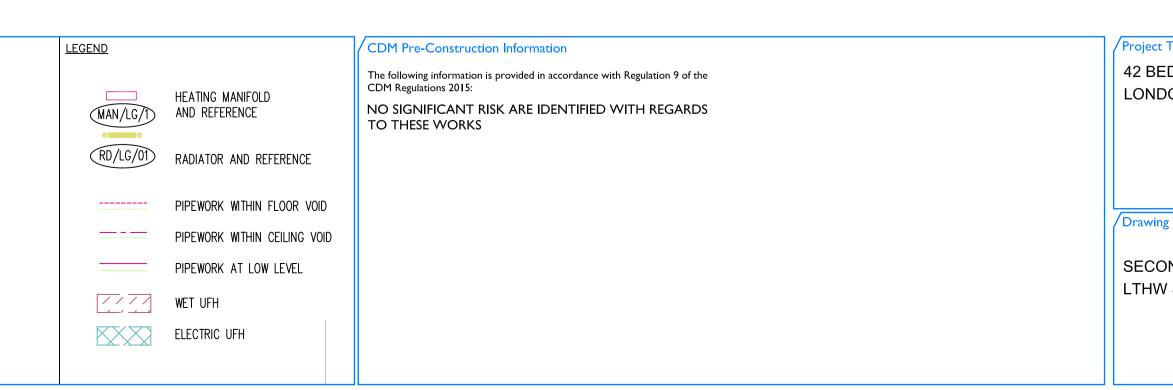
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					 General Notes: The drawing does not necessarily show all the information needed to interpret the design intent or the construction details. The drawing contains information from more than one source and must be read in conjunction with all relevant specifications. Any apparent drafting errors and differences between other drawings and specifications shall be brought to our attention.
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09	UFH MANFOLD & ZONE MOVED, &	IDO		11/17	RELEVANT DRAWINGS AND SPECIFICATIONS.
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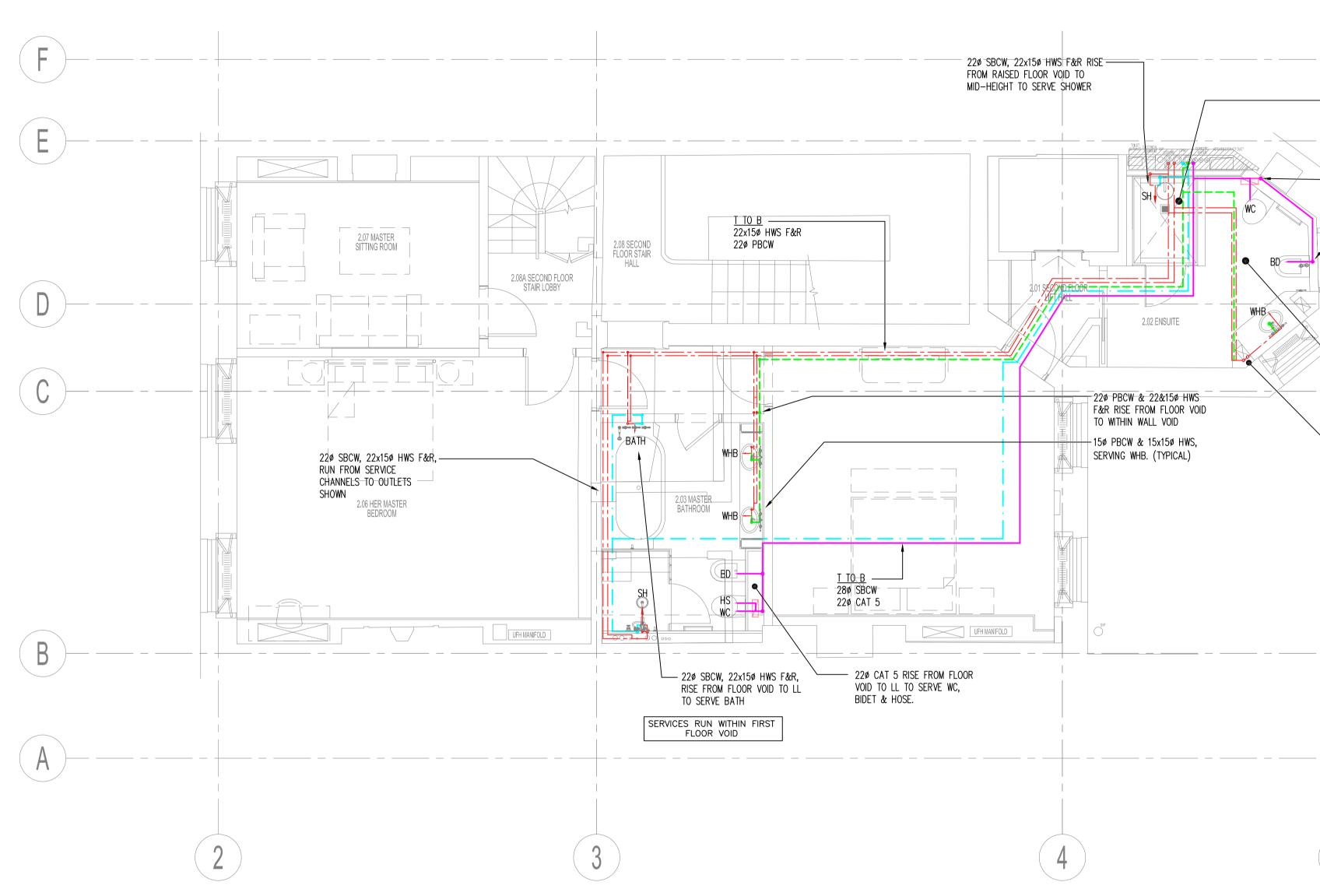


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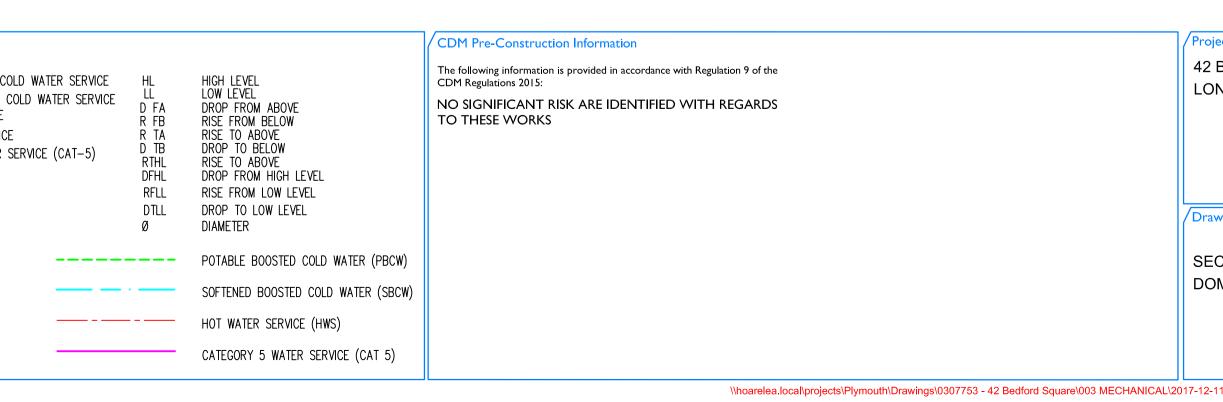
Project Title 42 BEDFORD SQUARE



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					eneral Notes:	LEGEND	
					 The drawing does not necessarily show all the information needed to interpret the design intent or the construction details. The drawing contains information from more than one source and must be read in conjunction with all relevant specifications. Any apparent drafting errors and differences between other drawings and specifications shall be brought to our attention. 	PBCW SBCW HWS MWS CAT-5 BD DW HS SH	POTABLE BOOSTED COL SOFTENED BOOSTED CO HOT WATER SERVICE MAINS WATER SERVICE CATEGORY 5 WATER SE BIDET DISWASHER HAND SPRAY SHOWER
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80	AMENDED TO BDP COMMENTS	IDO	NH	12/17	THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.	WC	WATER CLOSET
07	WHB REMOVED, SHOWER MOVER, MEWS OMITTED	IDO	NH	11/17	DO NOT SCALE FROM THIS DRAWING.	WHB WM	WASH HAND BASIN WASHING MACHINE
06	ITEMS IN REVISION CLOUD AMENDED	IDO	NH	11/17	ALL PIPE ROUTES IN WALL FABRIC/PROTECTION TO BE		
Index	Description	Drawn & Chk by	Rev'd by	Date	CO-ORDINATED & FINALISED VIA WORKSHOPS WITH THE INSTALLATION TEAM & THE MAIN CONTRACTOR.		
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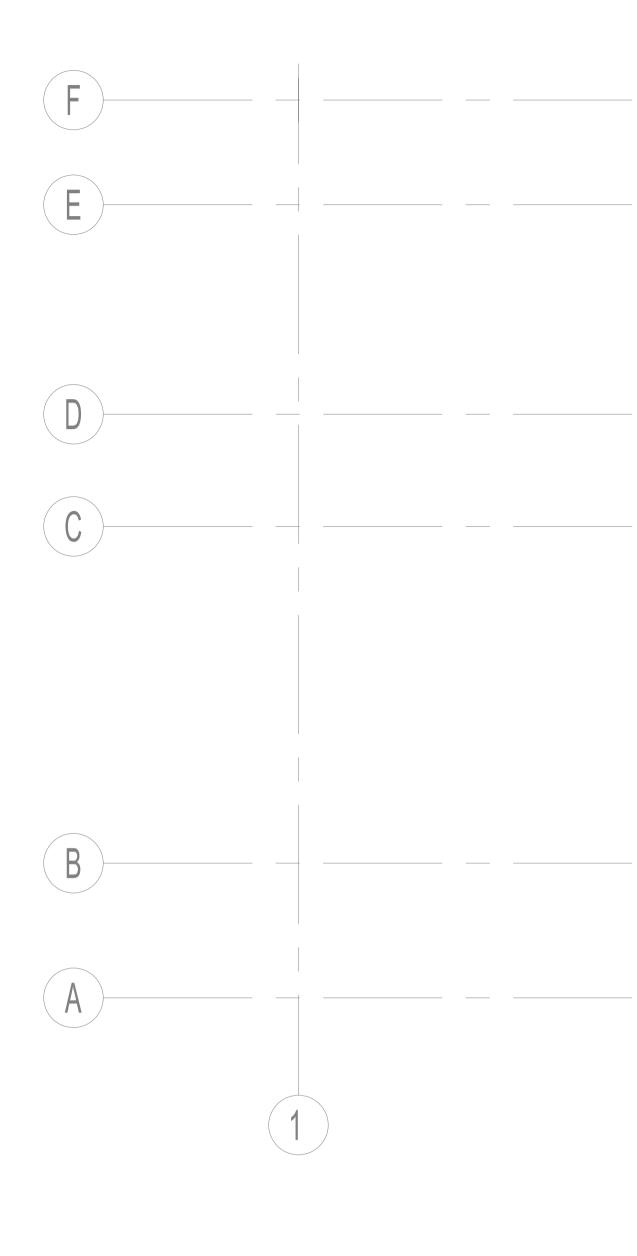
- <u> </u>			
PIPEWORK RUN IN FLOOR			
VOID ABOVE SERVICE CHANNEL.			
-			
- 15ø PBCW & 15x15ø HWS F&R RISE FROM FLOOR VOID TO WITHIN FURNITURE			
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5 s tride EDFORD SQUARE DON	PLANNI Drawn by IDO Project No 0209223	NG - FOR A Designed by IDO Date	Reviewed by NH Scale @ A1 1:50@ A1 Revision

ALL PIPEWORK EXITS THE RISER WITHIN THE SERVICES CHANNEL ABOVE STRUCTURAL BEAMS. CROSS OVERS ARE COMPLETED IN SAUNA RAISED ELOOR PROVIDED BY THE MAIN CONTRACTOR. CROSSOVERS UP AND OVER PIPEWORK AT 45' INTO RAISED FLOOR VOID.

- 15ø CAT 5 BRANCH TO WC & BIDET WITH LOCAL ISOLATING VALVE (TYPICAL)

					 General Notes: The drawing does not necessarily show all the information needed to interpret the design intent or the construction details. The drawing contains information from more than one source and must be read in conjunction with all relevant specifications. Any apparent drafting errors and differences between other drawings and specifications shall be brought to our attention.
09	RISER NOTE AMENDED	IDO	NH	12/17	1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
08	AMENDED TO BDP COMMENTS	IDO	NH	12/17	2. DO NOT SCALE FROM THIS DRAWING.
07	TITLE BLOCK AMENDED	IDO	NH	11/17	3. CONSTRUCTION OF VENT DUCT BY OTHERS. ALL DIMENSIONS
Index	Description	Drawn & Chk by	Rev'd by	Date	ARE TO BE FORMED TO CLEAR INTERNAL CONSTRUCTION
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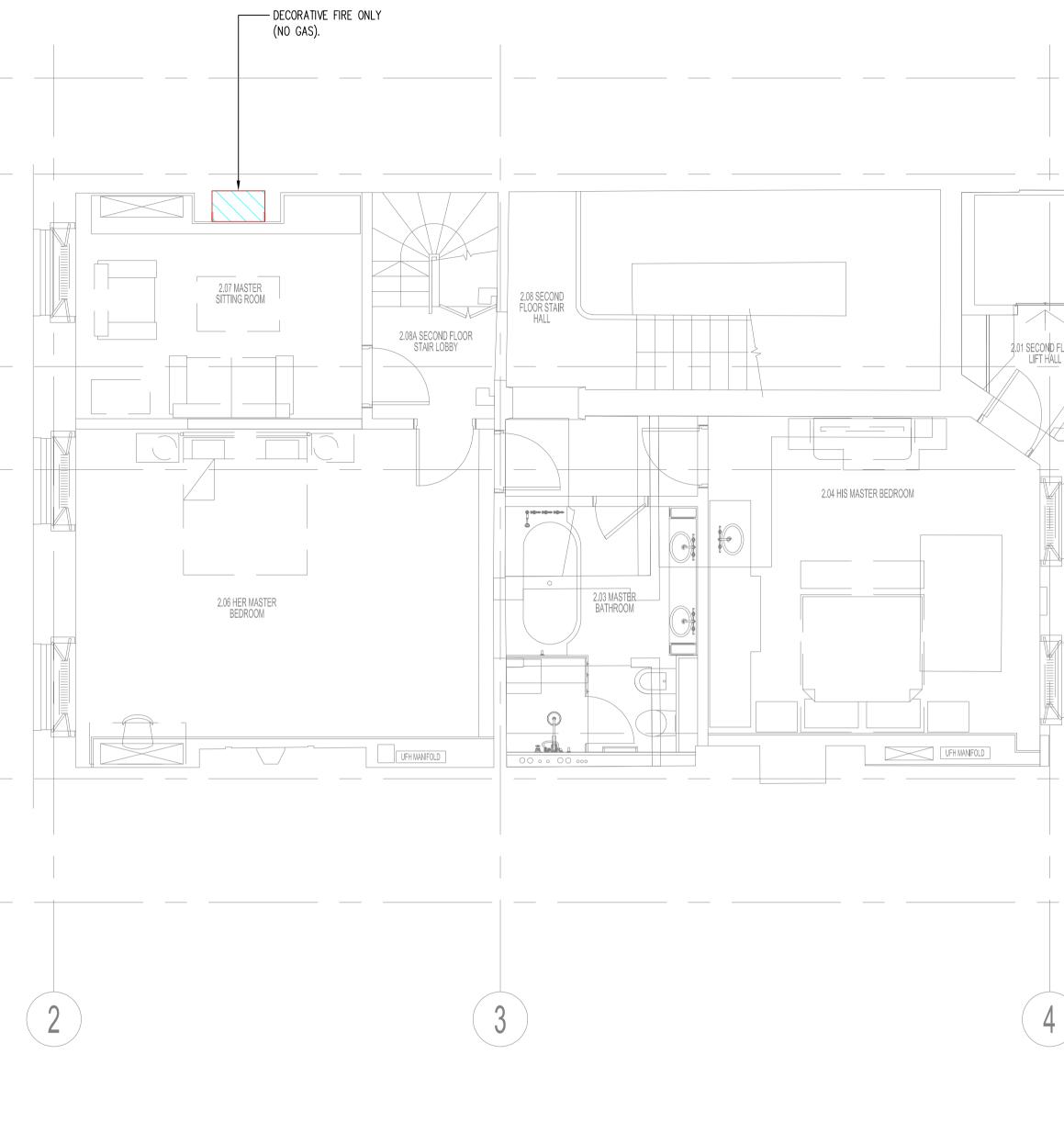
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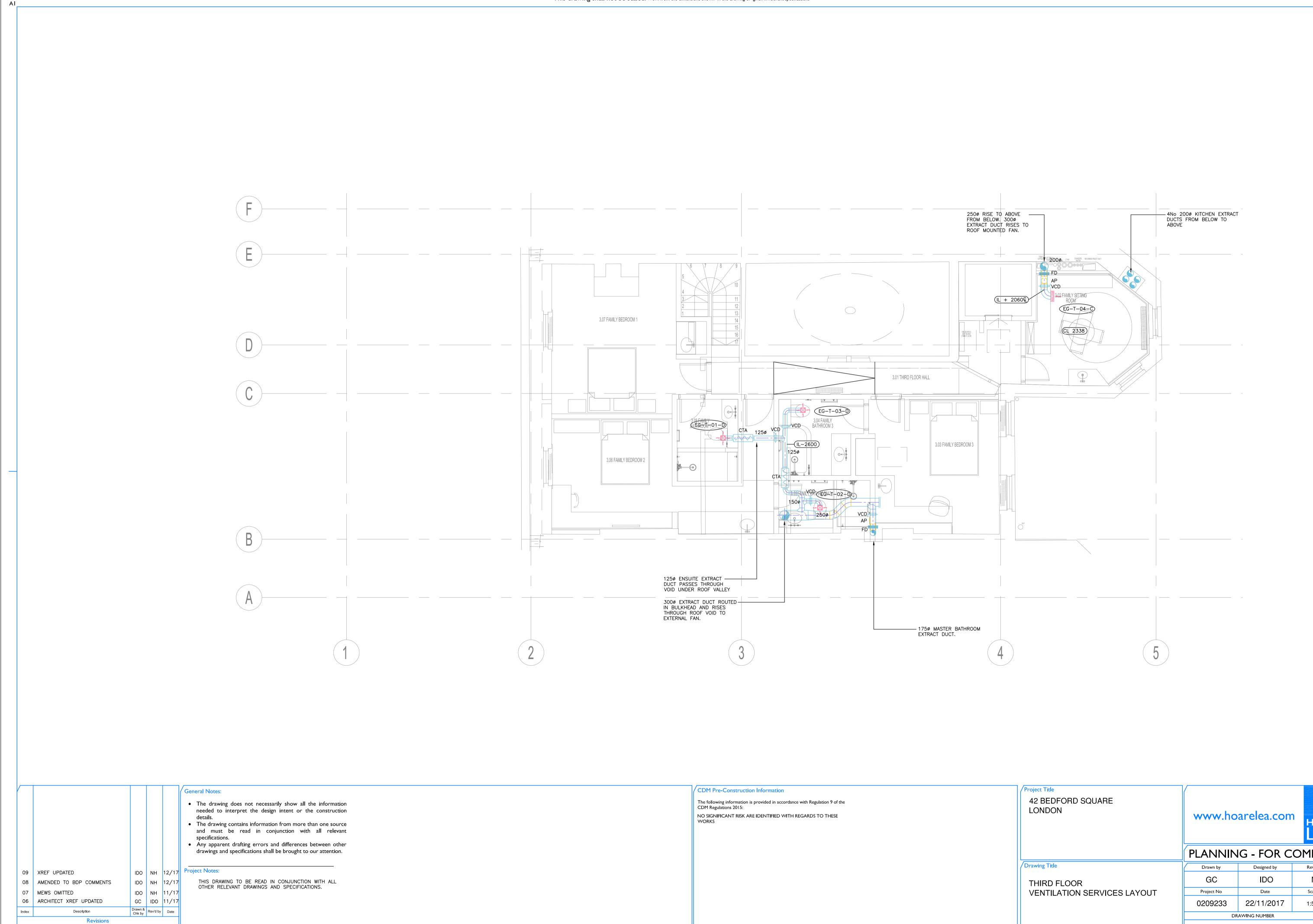
LEGEND.	- BURIED PIPE WORK WITHIN NEW FLOOR	The following information is provided in accordance with Regulation 9 of the CDM Regulations 2015:	42 BED LONDO
	- LOW LEVEL PIPEWORK	NO SIGNIFICANT RISK ARE IDENTIFIED WITH REGARDS TO THESE WORKS	201120
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	– GAS PIPEWORK		
	- VENT PIPEWORK/DUCTWORK		Drawing T
	- GAS MAIN WITHIN VENTILATED SLEEVE DUCT		SECON
	-GAS APPLIANCE		GAS SE
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CDM Pre-Construction Information

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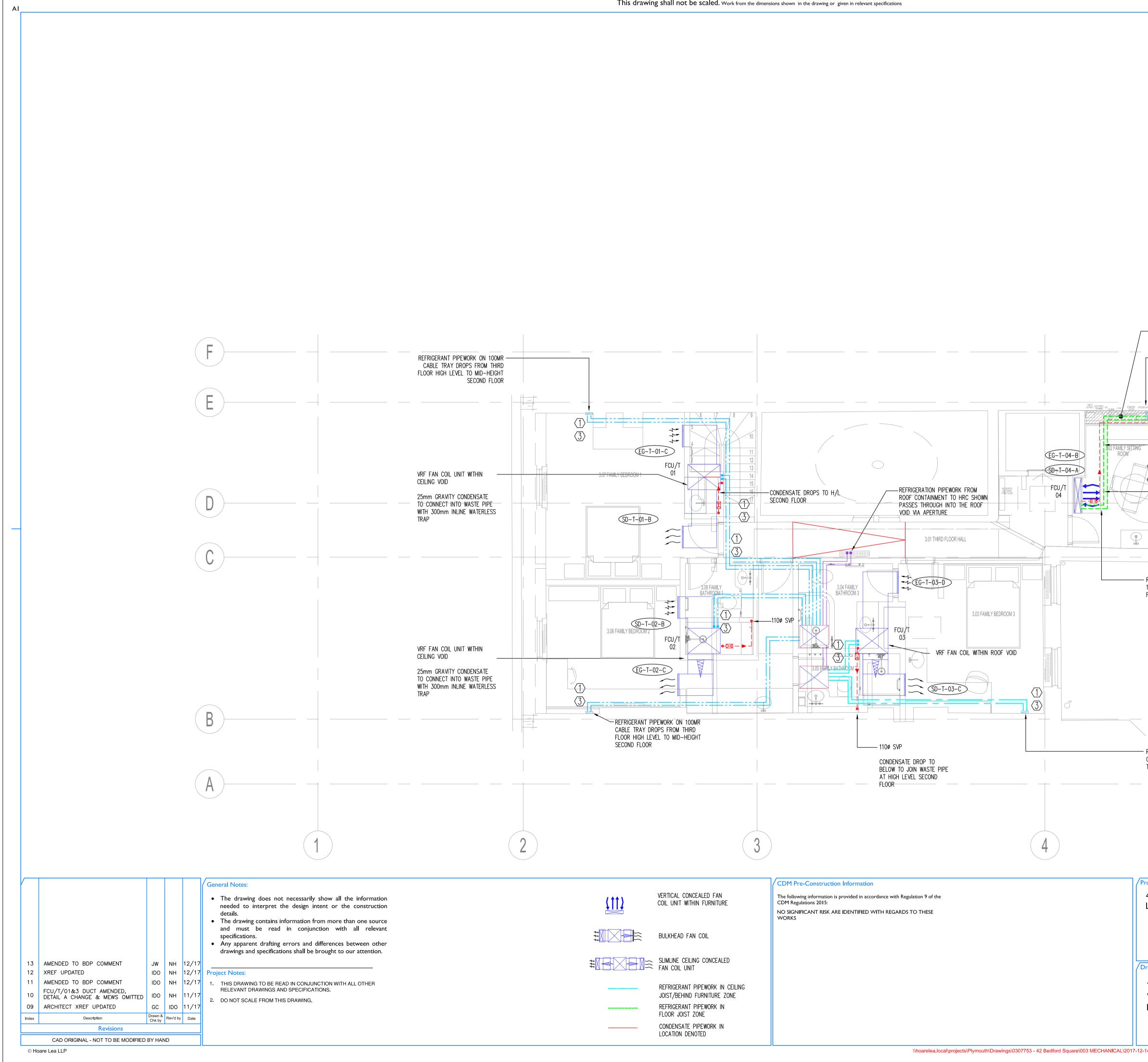
VENTILATED DU (Min 250ø). DU	S MAIN FROM BELOW TO ABOVE PIPE ICT Min INTERNAL DUCT SIZE 250x200 ICT TO BE DESIGNED AND INSTALLED TRACTOR TO MEET THE MINIMUM LISTED.)mm	
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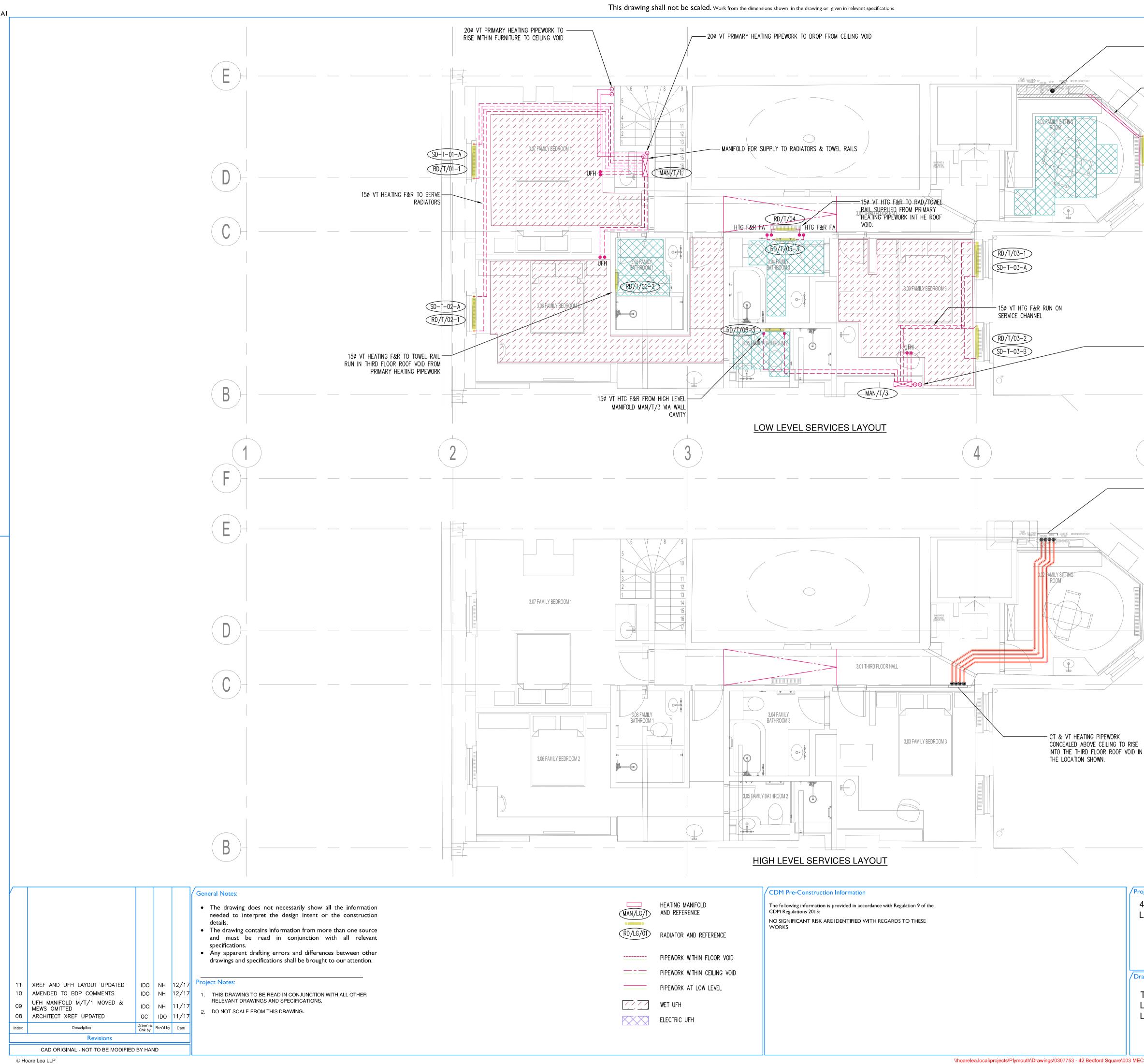
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	Project Title 42 BEDFORD SQUARE LONDON	www.ho	arelea.com	HO	ARE
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	VENTILATION SERVICES LAYOUT	Project No	Date	Scale @	2 AI
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MECHANICAL & ELECTRICAL			
SERVICES RISER			
CABLE TRAY RISES FROM BELOW TO ABOVE			
15mm GRAVITY CONDENSATE TO CONNECT INTO WASTE PIPE WITH 300mm INLINE WATERLESS TRAP			
VRF FAN COIL CONCEALED IN FIXED)		
FURNITURE			
			_
- REFRIGERATION PIPEWORK ON			
100MR CABLE TRAY WITHIN FLOOR VOID.			
REFRIGERANT PIPEWORK ON 100MR. CABLE TRAY DROPS FROM CEILING TO BELOW.			
5			
roject Title 42 BEDFORD SQUARE LONDON			
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VRF COMFORT COOLING SERVICES LAYOUT	Project No 0209233	Date 22/11/2017	Scale @ AI 1:50@ A1
		awing number S-BSQ-ME-300-1	Revision
-14 Revised Scheme - Mechanical\HL 171208\BBS-BSQ-ME-300-115_08 - 3rd	d Floor VRF Comfort Cooling	g Layout.dwg,Jacob Worthi	ngton,14/12/2017 18:54:33



MECHANICAL & ELECTRICAL SERVICES RISER			
15ø VT HTG F&R RUN AT LOW LEVEL BEHIND FURNITURE			
RD/T/04			
320 PRIMARY HEATING PIPEWORK FROM FLAT ROOF DROPPING IN WALL VOID INTO MAN/T/3 VIA 200 HTG PIPES. 200 PRIMARY HTG PIPES TO CONTINUE THROUGH THE SLAB INTO SECOND FLOOR WALL VOID SUPPLYING SECOND FLOOR MANIFOLDS MAN/S/1 & MAN/S/2			
5			
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