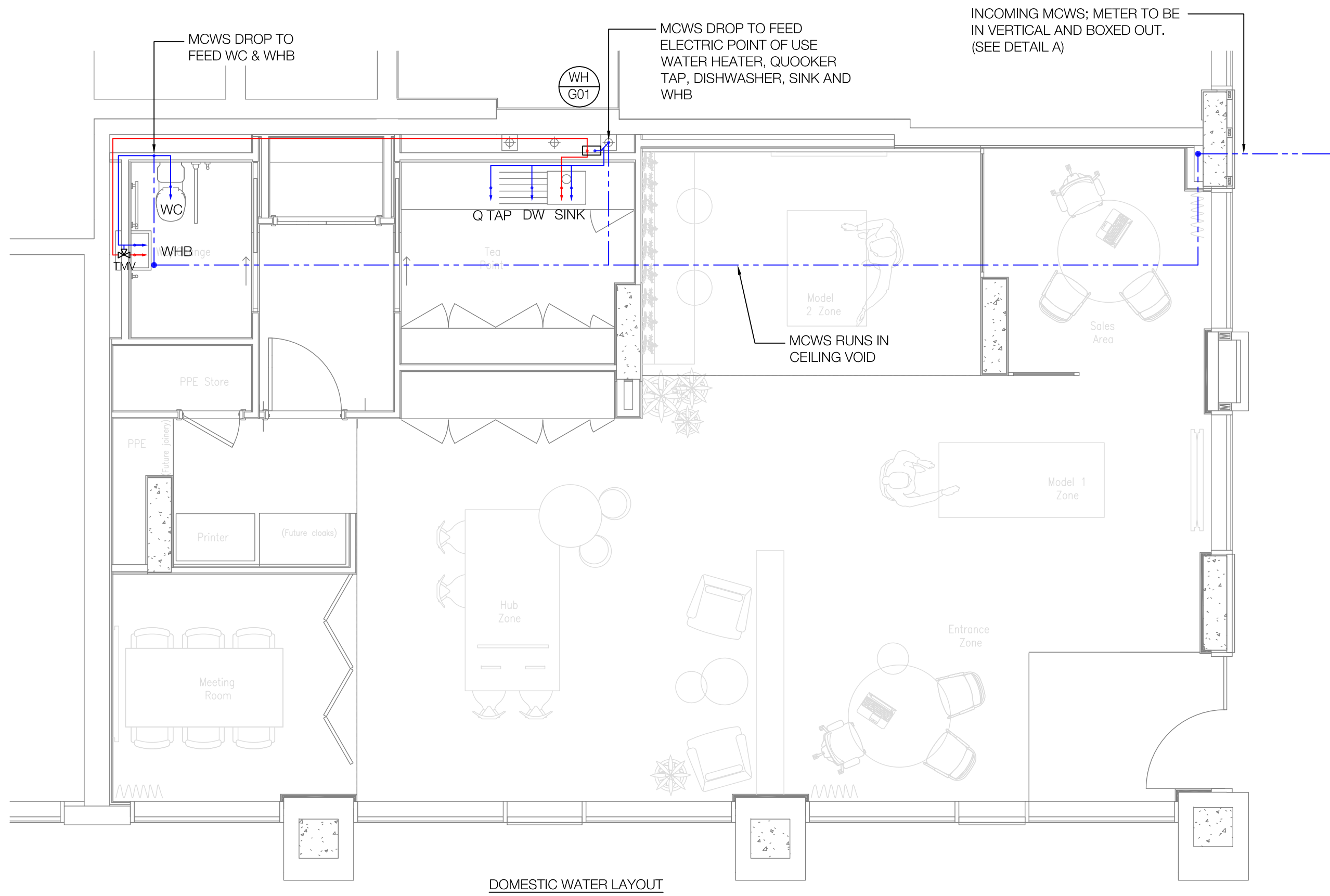
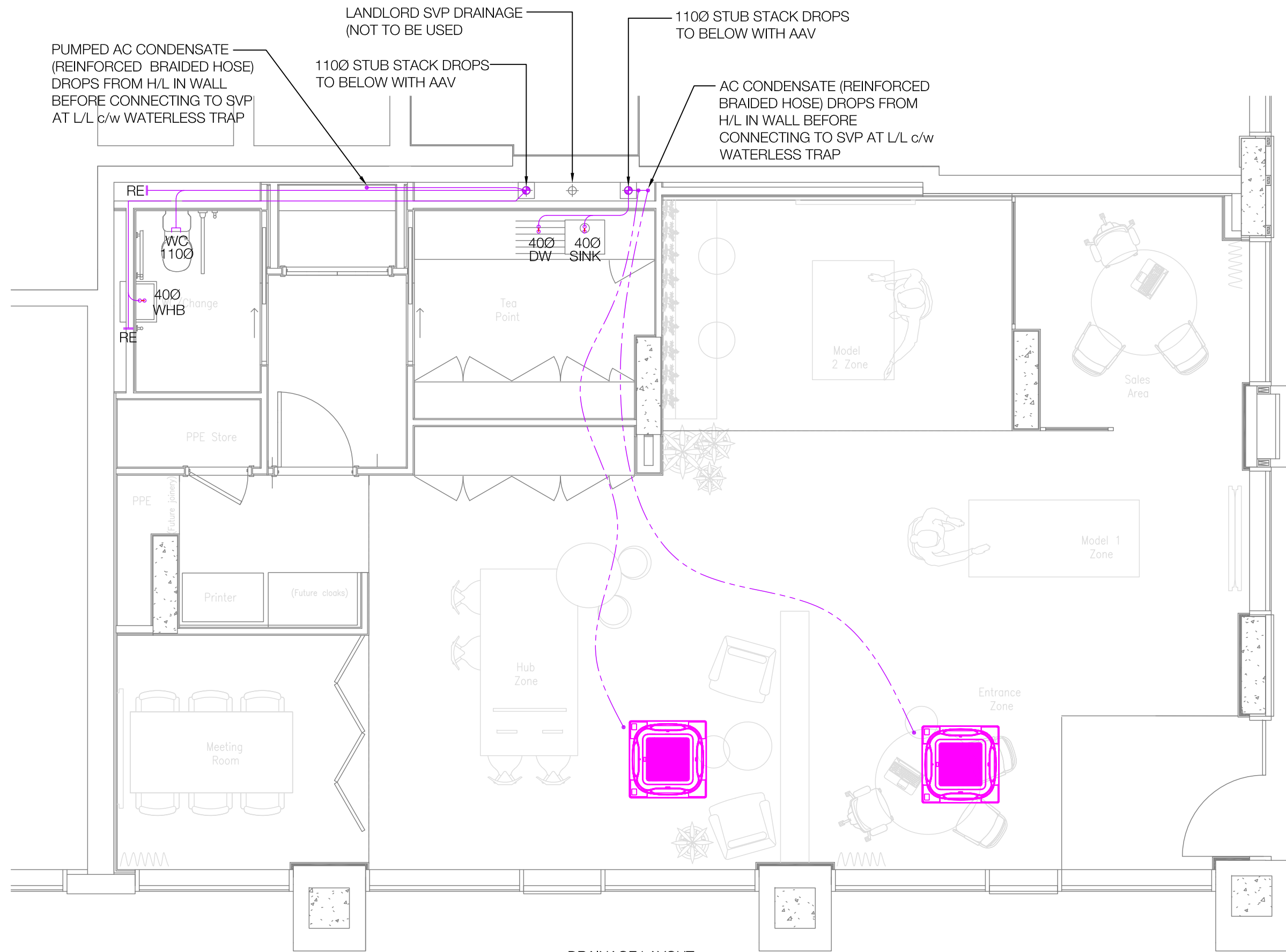
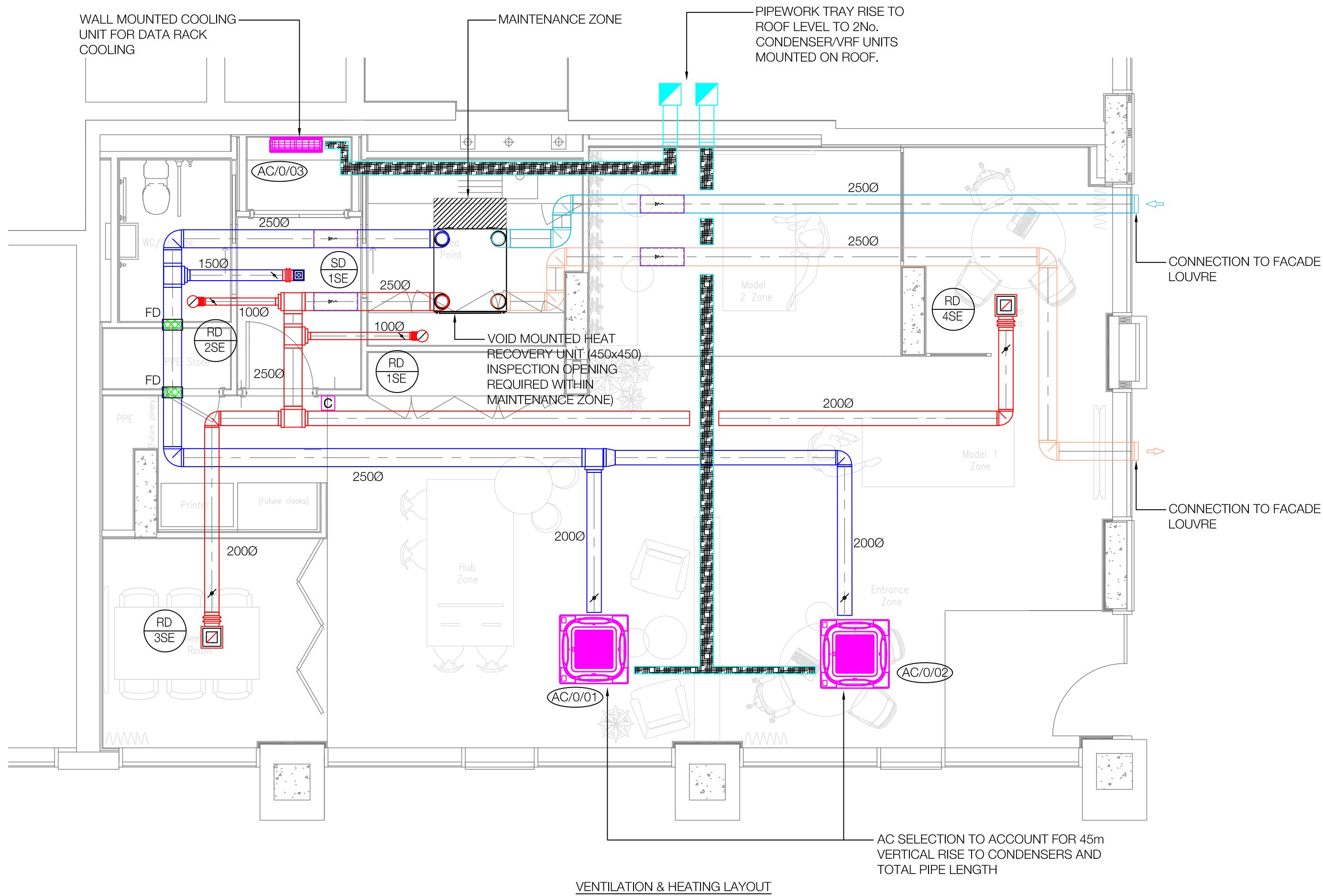




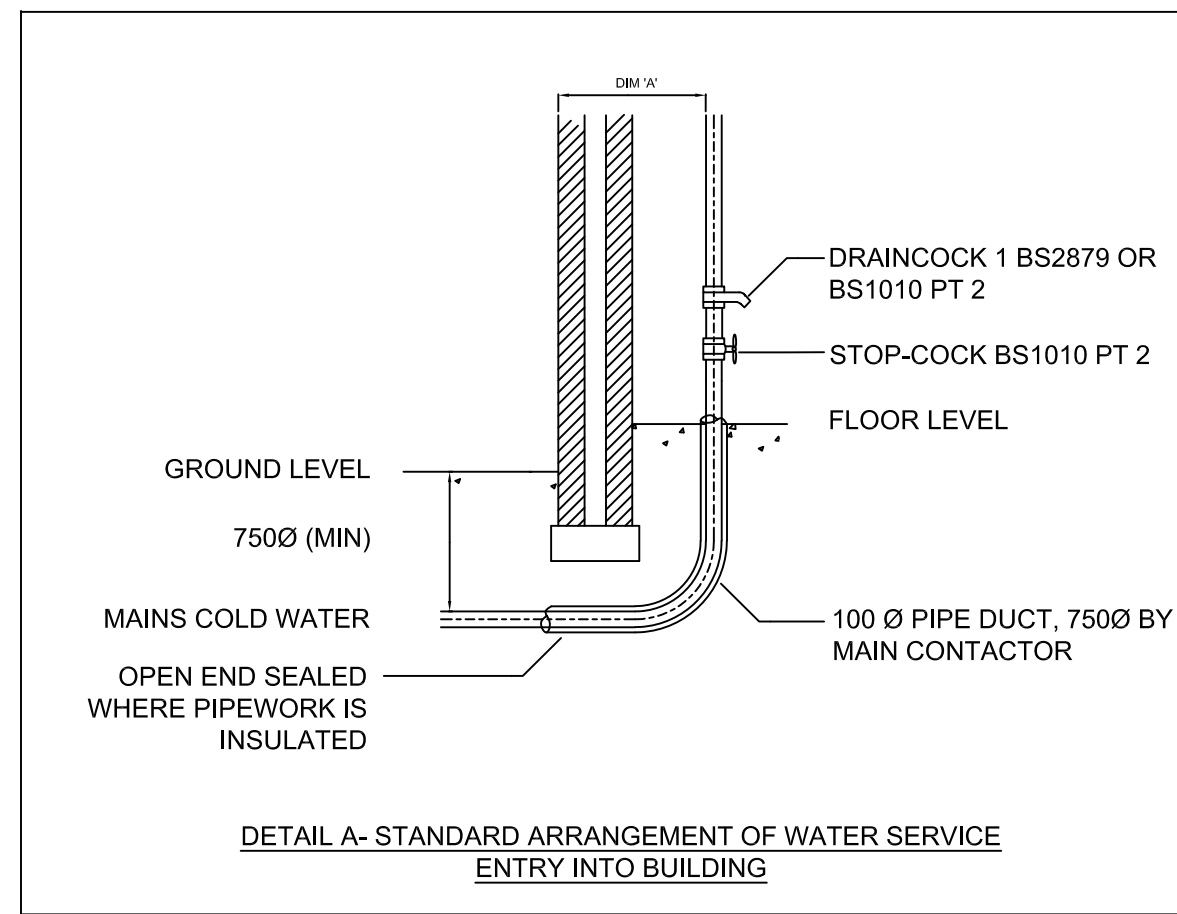
DOMESTIC WATER LAYOUT



DRAINAGE LAYOUT



VENTILATION & HEATING LAYOUT



DETAIL A- STANDARD ARRANGEMENT OF WATER SERVICE ENTRY INTO BUILDING

Supply/Return Grille Schedule

Ref	Type	System	Duty	Size	Manufacturer
SD/1SE	Ceiling Diffuser ADT	Corridor	30 l/s	150x150	TROX TECHNIK
RD/1SE	Type LVS	WC/Change	15 l/s	1000	TROX TECHNIK
RD/2SE	Type LVS	Tea Point	15 l/s	1000	TROX TECHNIK
RD/3SE	Ceiling Diffuser ADT	Meeting Room	65 l/s	300x300	TROX TECHNIK
RD/4SE	Ceiling Diffuser ADT	Sales Area	65 l/s	300x300	TROX TECHNIK

AC Equipment Schedule

REF	LOCATION	INDOOR UNIT	TYPE	OUTDOOR UNIT	SCOP	SEER
AC/1/01	Hub Zone	PCI-3.0FSR	CASSETTE UNIT	RAS-8FSXNME	5.62	7.59
AC/1/02	Entrance Zone	PCI-3.0FSR	CASSETTE UNIT	RAS-8FSXNME	5.62	7.59
AC/1/03	Data Rack	RPK-4.0FSRM	WALL UNIT	RAS-8FSXNME	5.62	7.59

Electric Water Heaters Schedule

Ref	Type	Supplying	Make	Model	Storage temp.	Storage volume	Input
WH/G01	Un-vented water heater	Tea Point	Ariston	Andris Lux	60 °C	15 l	2 kW

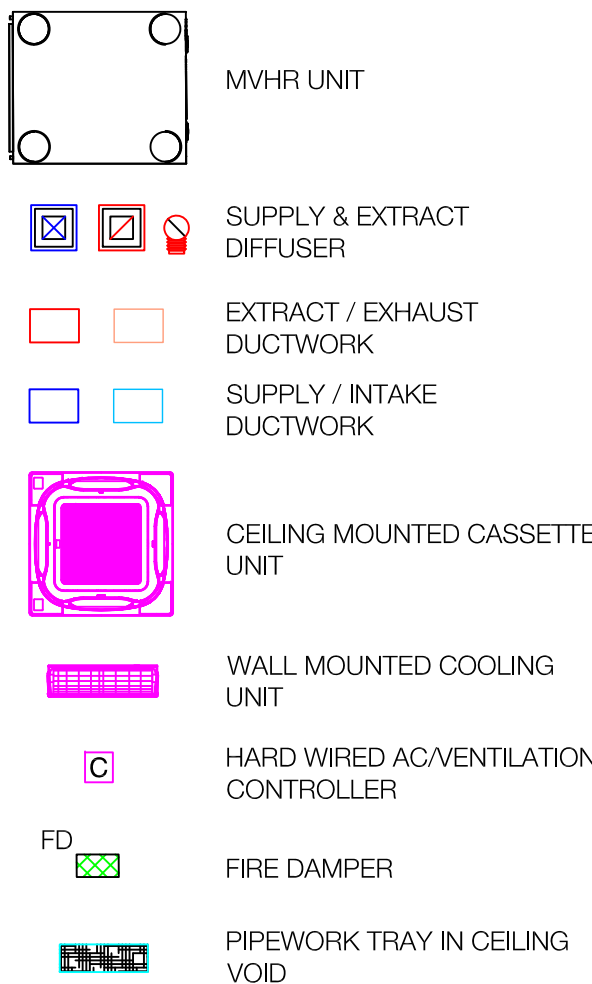
VENTILATION / HEATING NOTES

- ALL REFRIGERANT PIPEWORK & INTEGRAL CONNECTING WIRING SHALL BE RUN IN APPROPRIATELY SIZED GALVANISED CABLE TRAY. THESE SHALL FOLLOW THE ROUTES AS SHOWN ON THE LAYOUT DRAWING.
- GRAVITY DRAINAGE SHALL BE UTILISED FOR THE CONDENSATE.
- DUCTWORK SHALL BE INSTALLED IN ACCORDANCE WITH HVCA SPECIFICATION 'DW144 SPECIFICATION FOR SHEET METAL DUCTWORK'.
- ALL GRILLES SHALL HAVE A POWDER COATED FINISH TO A COLOUR TO BE AGREED WITH THE ARCHITECT.
- FIRE DAMPERS WITH ACCESS DOORS SHALL BE PROVIDED WHERE DUCTWORK PASSED THROUGH FIRE RATED CONSTRUCTION.
- ALL VENTILATION SYSTEMS SHALL BE TESTED IN ACCORDANCE WITH CIBSE COMMISSIONING CODE A.
- ALL DOORS TO WCs TO BE UNDERCUT BY 15mm UNLESS A TRANSFER GRILLE IS INDICATED.
- DUCTWORK ACCESS HATCHES WILL BE PROVIDED FOR INSPECTION/SERVICING & CLEANING IN ACCORDANCE WITH DW144 TABLE 20.

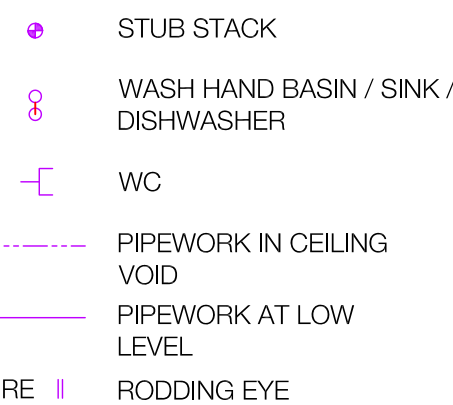
DOMESTIC WATER NOTES

- INTERNAL PIPEWORK MATERIAL : COPPER TABLE X (EN1057 HALF HARD).
- ALL PIPEWORK IN CEILING VOIDS, RISERS & BOXINGS TO BE INSULATED.
- ALL EXPOSED PIPEWORK TO BE INSULATED IF REQUIRED TO BE PAINTED BY OTHERS.
- PIPEWORK JOINTS TO BE CIMPED WHERE PRACTICAL. SOLDERING TO BE USED AS A LAST RESORT.
- REMOVABLE IPS PANELS REQUIRED TO ALL WC CISTERNS & VANITY BASINS.
- WATER TREATMENT SPECIALIST TO FLUSH & DISINFECT ALL DOMESTIC WATER SYSTEMS PRIOR TO COMMISSIONING.
- TO COMPLY WITH BS6700.
- TO COMPLY WITH CIBSE TM13 MINIMISING LEGIONELLA RISK & ACOP LB.
- EXTENT OF EXPECTED CHROME PIPEWORK TO BE AGREED WITH ARCHITECT.

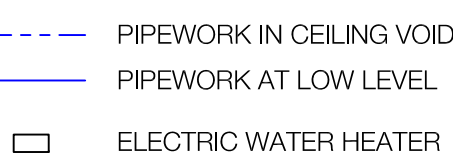
VENTILATION LEGEND



DRAINAGE LEGEND



DOMESTIC WATER LEGEND



Designed	RC	Drawn	RC	Approved	
Date	30.09.22	Date	30.09.22	Date	
Rev	AF	Description	DRAWING ISSUED AS "AS BUILT"		

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SAFE
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Status	AS BUILT	
Client	AREGENT RELATED	
Project	ASHLEY ROAD WEST TOTTENHAM HALE	
Title	MARKETING SUITE COMBINED MECHANICAL SERVICES	
Scale at A1	1:50	Date SEPT 2022
Drg No	TH-ARW-01-001-M-5079-50-116	Rev AF