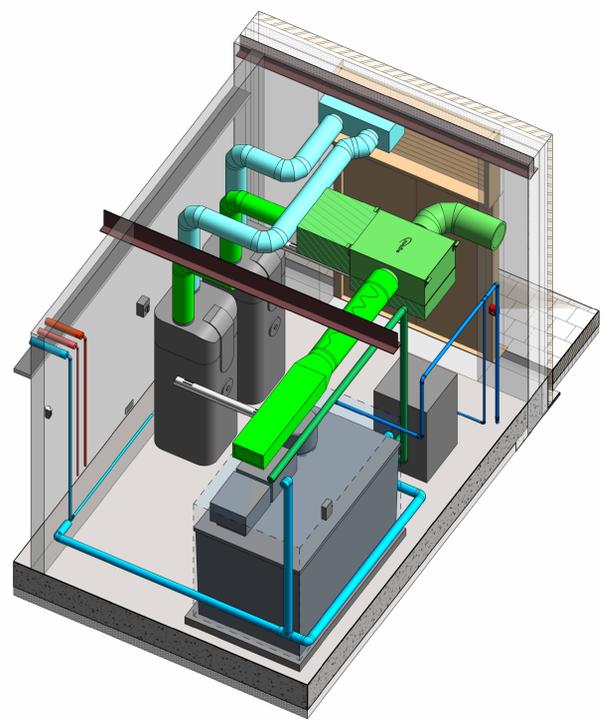


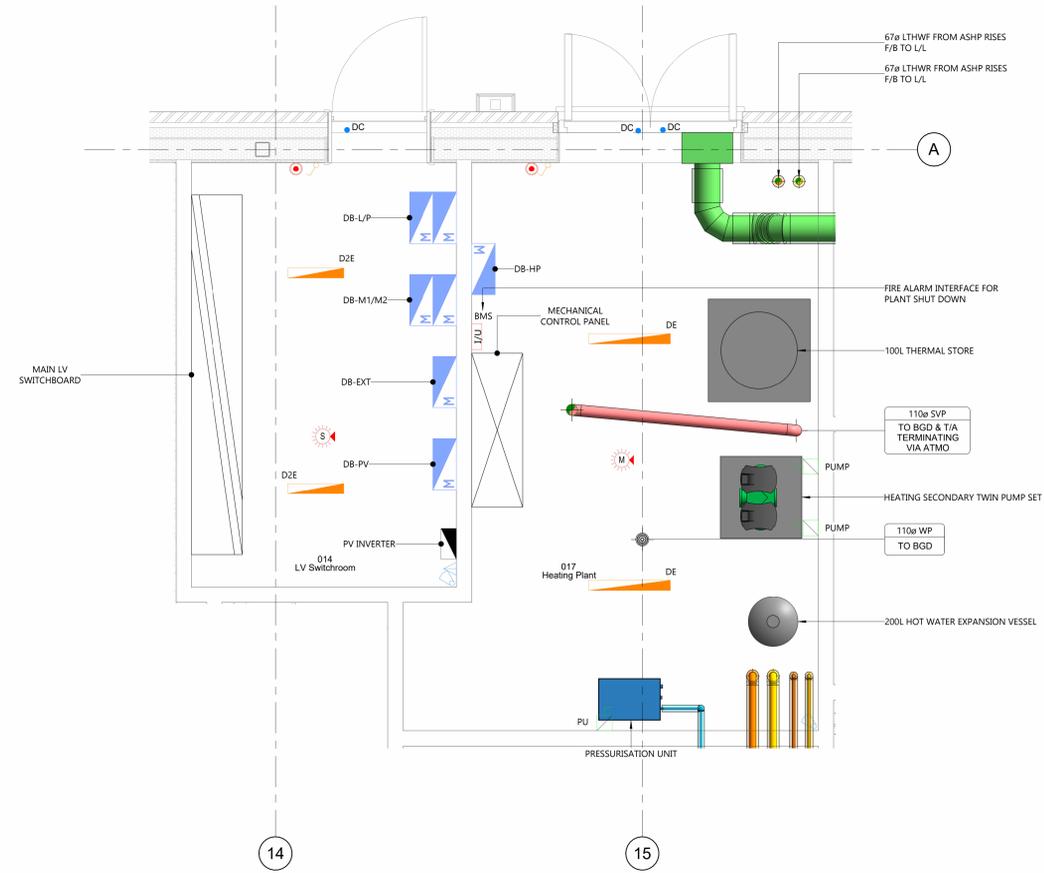
1 COLD WATER TANK ROOM LAYOUT
 1 : 25



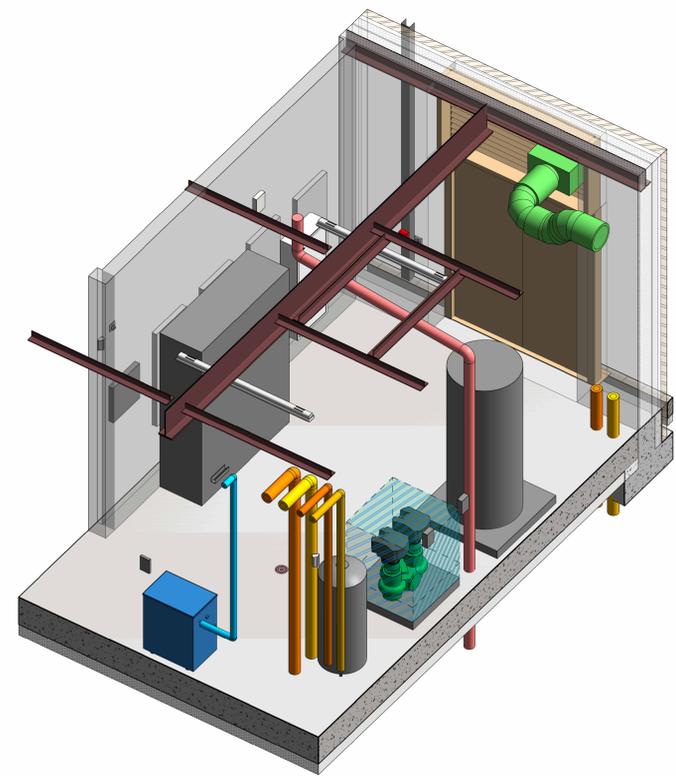
1A 3D View - Cold Water Tank Room

FIRE ALARM LEGEND		HEATING LEGEND	
SYMBOL	DESCRIPTION	COLOUR	DESCRIPTION
	SMOKE DETECTOR SOUNDER & BEACON		LTHW SECONDARY FLOW
	MULTI-FUNCTION DETECTOR SOUNDER & BEACON		LTHW SECONDARY RETURN
	MANUAL CALL POINT	VENTILATION LEGEND	
	INTERFACE UNIT	COLOUR	DESCRIPTION
LIGHTING DEVICES LEGEND			FRESH AIR INTAKE
SYMBOL	DESCRIPTION		EXHAUST AIR
	LIGHT SWITCH		GENERAL SUPPLY
LIGHTING FIXTURES LEGEND			GENERAL EXTRACT
SYMBOL	DESCRIPTION	DRAINAGE LEGEND	
	THORN CHALLENGE 3 - RECESSED DOWNLIGHT 12.5W 4000K	COLOUR	DESCRIPTION
	THORN CHALLENGE 3 - RECESSED DOWNLIGHT 12.5W 4000K		SOIL VENT PIPE
SECURITY LEGEND		DOMESTIC WATER LEGEND	
SYMBOL	DESCRIPTION	COLOUR	DESCRIPTION
	TWIN DATA OUTLET (RJ45)		BOOSTED COLD WATER SERVICE
	DOOR CONTACT		HOT WATER SERVICE FLOW
	INTRUDER ALARM MOVEMENT DETECTOR		HOT WATER SERVICE RETURN
			MAINS COLD WATER SERVICE
			CATEGORY 5 WATER SERVICE
ELECTRICAL EQUIPMENT LEGEND		ELECTRICAL FIXTURES LEGEND	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	PV INVERTER		SWITCHED FUSED CONNECTION UNIT
	TP+N DISTRIBUTION BOARD		
	SPLIT METERED TP+N DISTRIBUTION BOARD		
	MECHANICAL CONTROL PANEL		
	SWITCH PANEL		
	SWITCH ISOLATOR SINGLE PHASE		
	HWC DENOTES HOT WATER CALORIFIER		
	BS DENOTES BOOSTER SET		
	PU DENOTES PRESSURISATION UNIT		

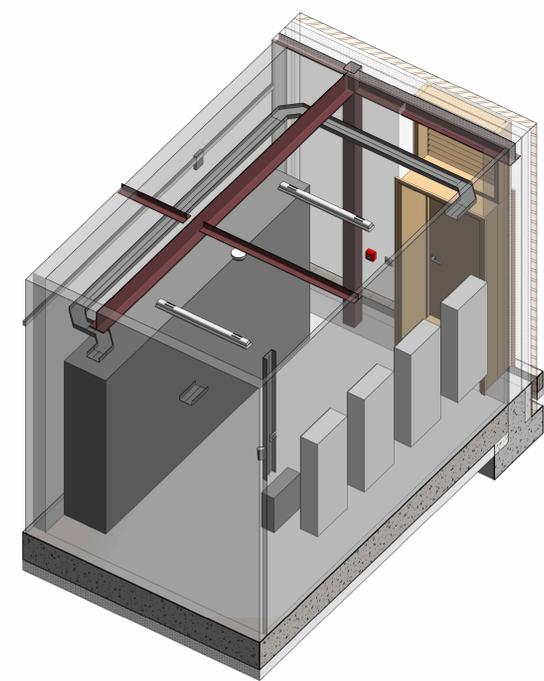
- NOTES**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL & STRUCTURAL DRAWINGS.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT BUILDING SERVICES DRAWINGS & THE RELEVANT SECTIONS OF THE SPECIFICATIONS & SCHEDULES.
 - THIS DRAWING IS NOT TO BE SCALED.
 - ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.
 - ALL PIPEWORK TO BE PRESSURE TESTED IN ACCORDANCE WITH THE SPECIFICATION PRIOR TO OPERATION OF SYSTEM.
 - ALL COLD WATER PIPEWORK TO BE COPPER (Class X) TO BS EN 1057 BLACK LABEL.
 - ALL HWS F, BCWS AND HEATING PIPEWORK, SHALL BE INSULATED.
 - ALTHOUGH NOT SHOWN, AUTOMATIC AIR VENTS TO BE FITTED AT ALL HIGH POINTS, DRAIN COCKS TO BE FITTED AT ALL LOW POINTS.
 - ALL PIPEWORK WHICH PENETRATES A FIRE BARRIER TO BE SLEEVED AND FIRE STOPPED. THE BUILDING SERVICES CONTRACTOR SHALL REFER TO THE FIRE STRATEGY AND ARCHITECTS DRAWINGS.
 - BRACKETS AND SUPPORTS ARE NOT SHOWN FOR CLARITY. ALL NECESSARY SUPPORTS/BRACKETING SHALL BE INCLUDED FOR AS DESCRIBED IN THE SPECIFICATION.
 - HWS F, AND BCWS PIPEWORK SERVICES SHALL BE COMPLETE WITH INSULATING VALVES.
 - ALL FINAL CONNECTIONS TO BE DN15 UNLESS OTHERWISE STATED.
 - PIPEWORK SHALL BE ROUTED IN ORDER TO ALLOW FOR NATURAL FLOATATION. ALL NECESSARY EXPANSION SHALL BE ALLOWED FOR AS PER SPECIALIST DESIGN.



2 LV SWITCHROOM AND HEATING PLANT LAYOUT
 1 : 25



2A 3D View - Heating Plant



2B 3D View - LV Switchroom

P01	16.02.2026	STAGE 3 ISSUE	RL
REV	DATE	DESCRIPTION	BY
 23 Rawson Street Leicester, LE1 6LP Email: Technical@designmep.co.uk			
Client:			
Project: Bexley Road TLC			
Drawing Title: COMBINED SERVICES MEP PLANT ROOM LAYOUT			
Status: FOR STAGE APPROVAL	Suitability: S3		
Drawing No: BTLC-MEP-XX-00-DR-ME-0701	Rev: P01		
Scale at A0: As indicated	Designed by: RK	Design check: JOG	
Drawn by: RL	BIM check: GL		