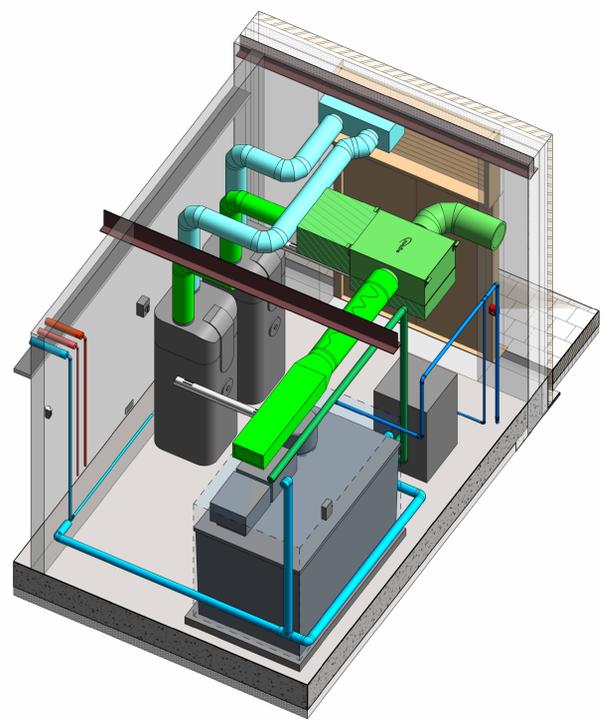


**1 COLD WATER TANK ROOM LAYOUT**  
 1 : 25



**1A 3D View - Cold Water Tank Room**

FIRE ALARM LEGEND	
SYMBOL	DESCRIPTION
	SMOKE DETECTOR SOUNDER & BEACON
	MULTI-FUNCTION DETECTOR SOUNDER & BEACON
	MANUAL CALL POINT
	INTERFACE UNIT

LIGHTING DEVICES LEGEND	
SYMBOL	DESCRIPTION
	LIGHT SWITCH

LIGHTING FIXTURES LEGEND	
SYMBOL	DESCRIPTION
	THORN CHALICE 3 - RECESSED DOWNLIGHT 12.5W 4000K
	THORN CHALICE 3 - RECESSED DOWNLIGHT 12.5W 4000K

SECURITY LEGEND	
SYMBOL	DESCRIPTION
	TWIN DATA OUTLET (RJ45)
	DOOR CONTACT
	INTRUDER ALARM MOVEMENT DETECTOR

HEATING LEGEND	
COLOUR	DESCRIPTION
	LTHW SECONDARY FLOW
	LTHW SECONDARY RETURN

VENTILATION LEGEND	
COLOUR	DESCRIPTION
	FRESH AIR INTAKE
	EXHAUST AIR
	GENERAL SUPPLY
	GENERAL EXTRACT

DRAINAGE LEGEND	
COLOUR	DESCRIPTION
	SOIL VENT PIPE

DOMESTIC WATER LEGEND	
COLOUR	DESCRIPTION
	BOOSTED COLD WATER SERVICE
	HOT WATER SERVICE FLOW
	HOT WATER SERVICE RETURN
	MAINS COLD WATER SERVICE
	CATEGORY 5 WATER SERVICE

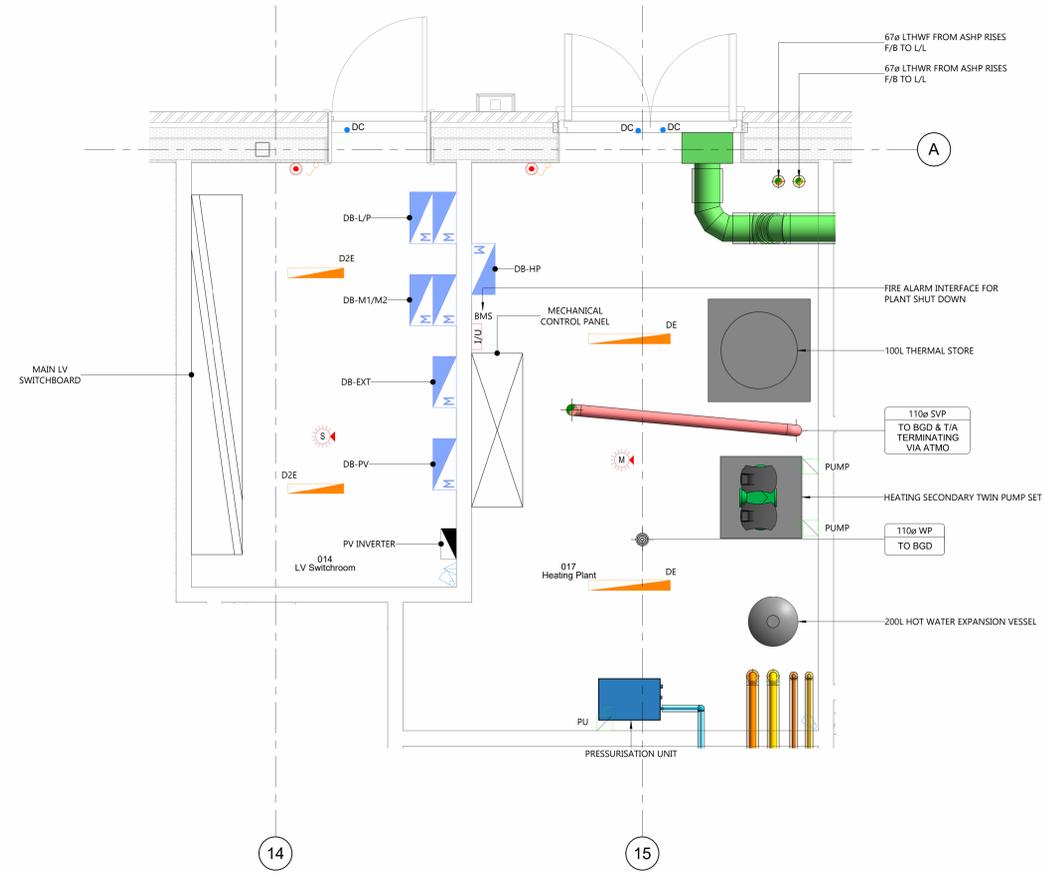
  

ELECTRICAL EQUIPMENT LEGEND	
SYMBOL	DESCRIPTION
	PV INVERTER
	TP+N DISTRIBUTION BOARD
	SPLIT METERED TP+N DISTRIBUTION BOARD
	MECHANICAL CONTROL PANEL
	SWITCH PANEL
	SWITCH ISOLATOR SINGLE PHASE
	HWC DENOTES HOT WATER CALORIFIER
	BS DENOTES BOOSTER SET
	PU DENOTES PRESSURISATION UNIT

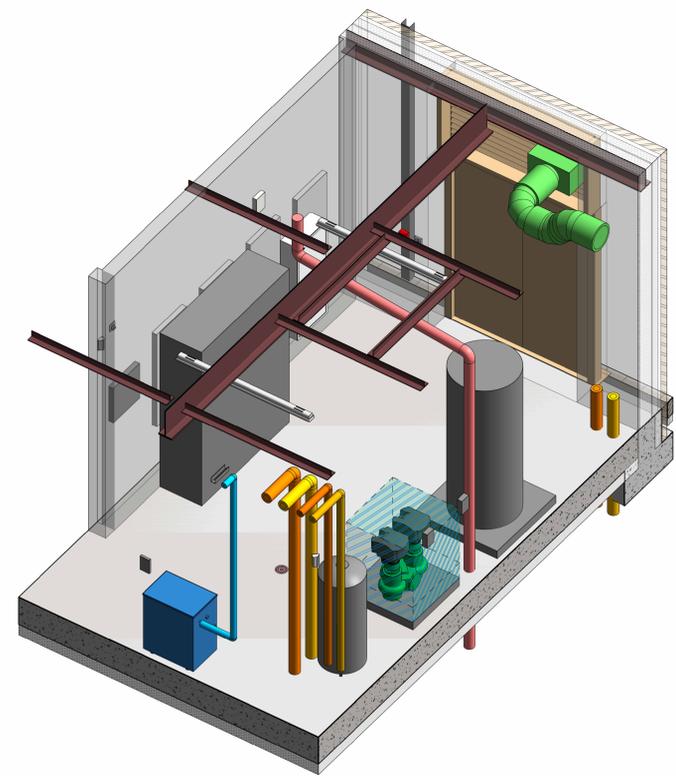
  

ELECTRICAL FIXTURES LEGEND	
SYMBOL	DESCRIPTION
	SWITCHED FUSED CONNECTION UNIT

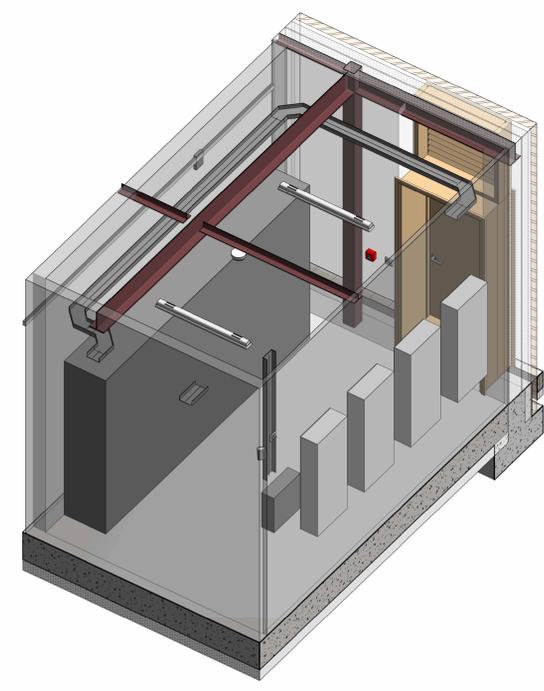
- NOTES
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL & STRUCTURAL DRAWINGS.
  - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT BUILDING SERVICES DRAWINGS & THE RELEVANT SECTIONS OF THE SPECIFICATIONS & SCHEDULES.
  - THIS DRAWING IS NOT TO BE SCALED.
  - ALL 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

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 Leicester, LE1 6UP  
 Email: Technical@designmep.co.uk

Client:  
**GallifordTry**

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