



Existing Site Layout
Scale 1:200

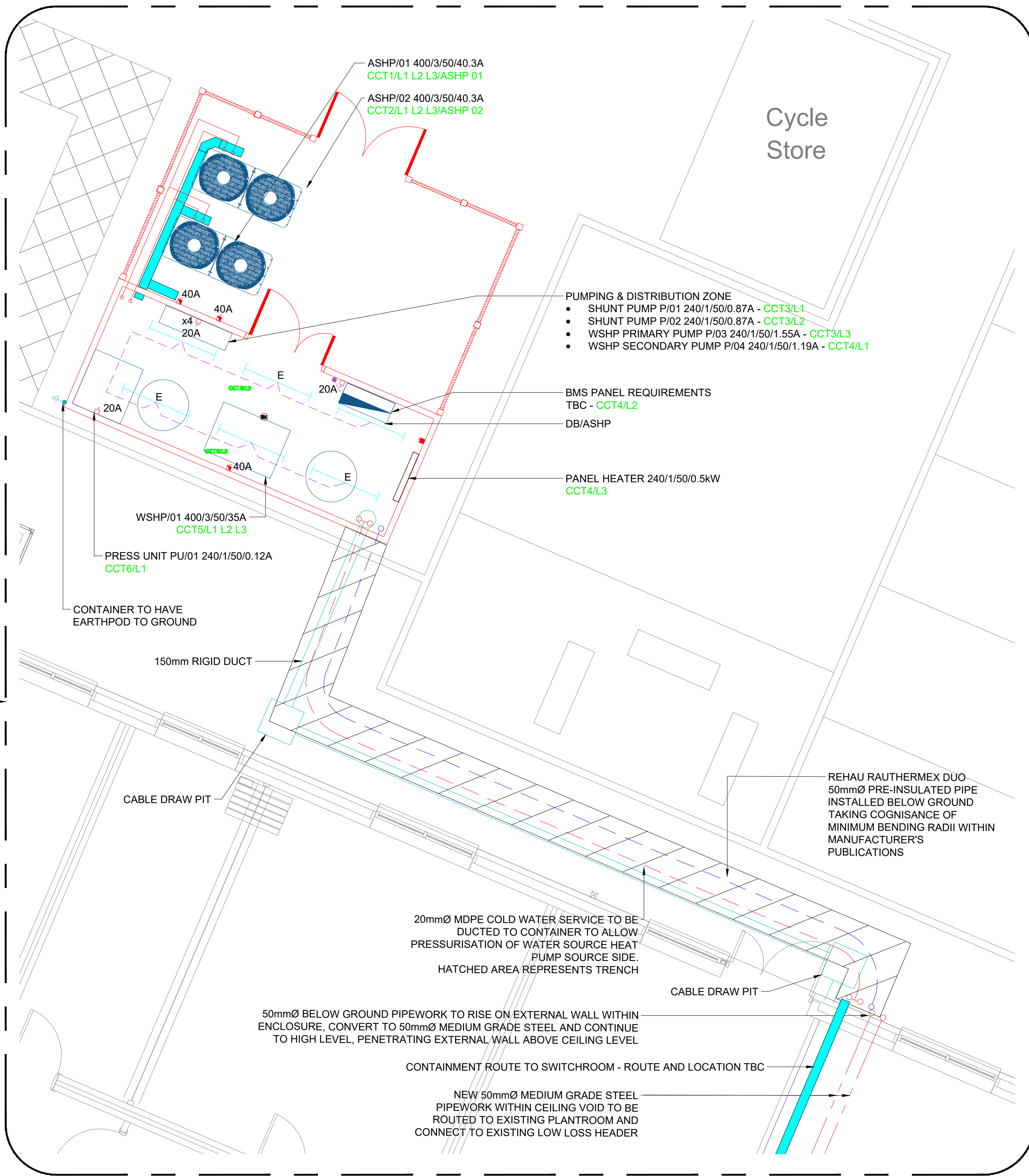


Proposed Site Layout
Scale 1:200

- LEGEND
- PROPOSED PLANT
 - PROPOSED HEATING PIPEWORK
 - PROPOSED DOMESTIC COLD WATER PIPEWORK
 - DISTRIBUTION BOARD
 - FUSED CONNECTION UNIT
 - SINGLE PHASE ISOLATOR
 - THREE PHASE ROTARY ISOLATOR
 - 1200mm IP65 LED - 'E' DENOTES 3HR INTEGRAL EMERGENCY
 - LIGHT SWITCH
 - SMOKE DETECTOR C/W SOUNDER BASE

FOR TYPICAL M&E INSTALLATION
DETAILS SEE DRAWING
GMFRS-ROC-PARR-XX-00-DR-ME-5004

0 1 2 3 4 5
SCALE 1:50 m



Proposed M&E Layout
Scale 1:50

DO NOT SCALE. All dimensional details are to be checked against actual site dimensions before any of the work is executed. This drawing is copyright.

NOTES

NOTES (MECHANICAL)

- DO NOT SCALE FROM THIS DRAWING.
- DRAWING TO BE READ IN CONJUNCTION WITH SPECIFICATION, DOCUMENTATION, DRAWINGS & ALL RELEVANT BRITISH STANDARD DOCUMENTS.
- ALL FITTINGS, PLANT & EQUIPMENT TO BE INSTALLED, REGULATED TESTED IN ACCORDANCE WITH THE MANUFACTURERS PRINTED INSTRUCTIONS.
- ALL PIPEWORK & VALVES TO BE INSTALLED ALL AS PER SPECIFICATION.
- ALL HIGH POINTS IN SYSTEM TO INCLUDE AUTOMATIC AIR VALVE & ALL LOW POINTS INCLUDE A DRAIN OFF COCK.
- ALL PIPEWORK TO BE ADEQUATELY SUPPORTED THROUGHOUT ITS LENGTH.
- ALL PIPES PASSING THROUGH FIRE STOP BARRIERS TO BE SLEEVED BEYOND THE BARRIER TO A MINIMUM LENGTH OF 300mm WITH BARRIER FIRE STOP MATERIAL.
- ALL PIPEWORK TO BE INSTALLED IN MEDIUM GRADE STEEL.
- ALL FINAL CONNECTIONS TO RADIATORS TO BE 15mmØ UNLESS OTHERWISE STATED.
- FOR ALL EQUIPMENT AND VALVE STANDARD DETAILS REFER TO /50/2.
- ALL CONNECTIONS TO RADIATORS TO INCLUDE A BALL VALVE ON THE FLOW AND RETURN, MOUNTED EITHER IN THE FLOOR VOID OR THE CEILING VOID.
- ALL PIPEWORK WITHIN NON ACCESSIBLE CEILINGS & WITHIN FLOOR TRENCHES TO BE FULLY WELDED/BRAZED. ALL PIPEWORK DROPPING WITHIN BOX OUTS TO SERVE RADIATORS TO ALSO BE FULLY WELDED/BRAZED.

NOTES (ELECTRICAL)

- ALL ELECTRICAL WORKS DESIGNED, INSTALLED, TESTED AND COMMISSIONED IN ACCORDANCE WITH BS 7671 IET WIRING REGULATIONS.
- ALL WORKS TO BE FULLY CO-ORDINATED WITH THE MECHANICAL WORKS.
- ALL CABLE/CONTAINMENT ROUTES TO BE FULLY CO-ORDINATED WITH BELOW GROUND SERVICES, BUILDING STRUCTURE & EXISTING SERVICES.
- THE EMERGENCY LIGHTS TO BE DESIGNED, INSTALLED, TESTED AND COMMISSIONED IN ACCORDANCE WITH BS 5266-1. THE EMERGENCY LIGHTS SHALL BE TESTED BY MEANS OF KEY SWITCH LOCATED ADJACENT TO THE DISTRIBUTION BOARD.
- THE FIRE ALARM SHALL BE DESIGNED, INSTALLED, TESTED AND COMMISSIONED IN ACCORDANCE WITH BS 5839-1. THE DETECTORS SHALL BE CONNECTED TO THE MAIN FIRE ALARM PANEL. THE CONTRACTOR SHALL ALLOW FOR WIRING, RE-ZONING AND FULLY UPDATING THE EXISTING SYSTEM TO ACCOMMODATE THE NEW DEVICES.

Rev.	Description.	Date.
C2	CONSTRUCTION ISSUE	29/05/2026
C1	CONSTRUCTION ISSUE	10/02/2026

STATUS DISCRPTION

CONSTRUCTION

PURPOSE OF ISSUE

FOR INSTALLATION

parr
facilities management

Suites 3 & 4
Fortwilliam House
Edgewater Road
Belfast
BT3 9JQ
Tel: 0333 202 7725
Web: www.parr-fm.com

PROJECT

**GMFRS CARBON 4
ROCHDALE COMMUNITY
FIRE STATION**

TITLE

PROPOSED M&E LAYOUTS

CLIENT



DRAWN BY: SS
CHECKED BY: BL
DATE: 29/05/2026

SCALE: 1:250/50@A1
PROJECT No.:
REV.: C2

DRAWING NUMBER

GMFRS-ROC-PARR-XX-00-DR-ME-5003