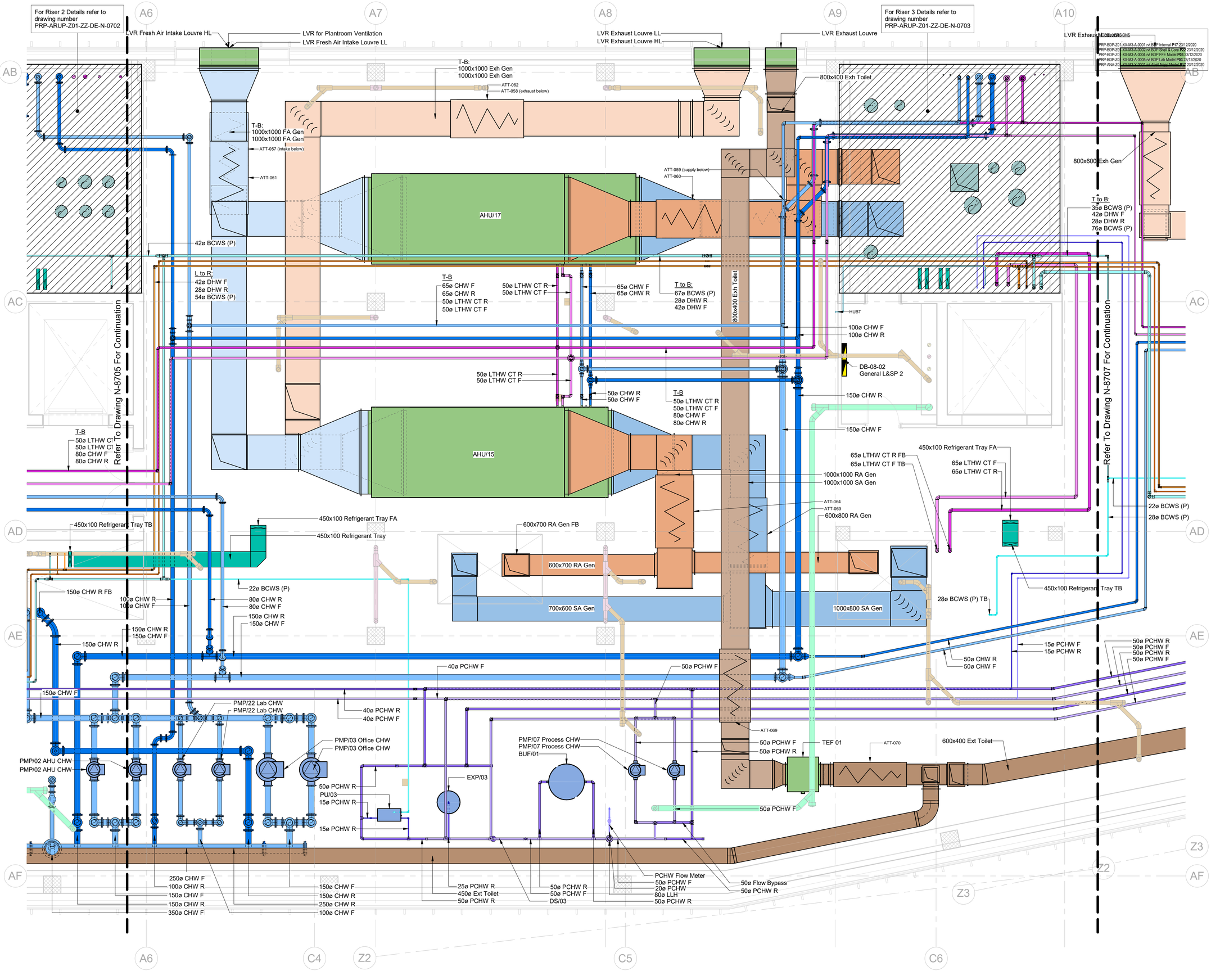


This drawing shall be read in conjunction with all other relevant Arup drawings, details, specifications and reports.

All dimensions are illustrated in mm, unless noted otherwise

Do not scale from this drawing

Indicates Hazard. Hazards are described in greater detail on the Arup Hazard Risk Register

REVISIONS

PRP-BDP-Z01-XX-M3-A-0001.rvt	BDP Internal	P17 23/12/2020
PRP-BDP-Z01-XX-M3-A-0002.rvt	BDP Shell & Core	P22 23/12/2020
PRP-BDP-Z01-XX-M3-A-0004.rvt	BDP FFE Model	P03 23/12/2020
PRP-BDP-Z01-XX-M3-A-0005.rvt	BDP Lab Model	P03 23/12/2020
PRP-ANA-Z01-XX-M3-Y-0001.rvt	Abel Nexus Model	P12 23/12/2020

NOTES

1. Refer to the following Riser Detail drawings for details of services within risers:
 PRP-ARUP-Z01-ZZ-DE-N-0701
 PRP-ARUP-Z01-ZZ-DE-N-0702
 PRP-ARUP-Z01-ZZ-DE-N-0703
 PRP-ARUP-Z01-ZZ-DE-N-0704
2. Refer to the following Primary LV Distribution drawings for details of plantroom electrical services:
 PRP-ARUP-Z01-00-DE-E-1505
 PRP-ARUP-Z01-02-DE-E-1509
 PRP-ARUP-Z01-02-DE-E-1510
 PRP-ARUP-Z01-08-DE-E-1521
 PRP-ARUP-Z01-08-DE-E-1522
 PRP-ARUP-Z01-09-DE-E-1523
 PRP-ARUP-Z01-09-DE-E-1524
3. Refer to the following Arup MEP model for 3D and section takeoffs:
 PRP-ARUP-Z01-ZZ-M3-N-0001 (22/01/2021)
4. Above ground drainage pipework has been shown for information only. Refer to Public Health drawings for full system details.
5. External services at roof level to be coordinated with free standing architectural balustrade.

LEGEND

SA Gen	General supply air duct
RA Gen	General return air duct
Ext	Extract duct
CHW F	Chilled water flow
CHW R	Chilled water return
PCHW F	Process chilled water flow
PCHW R	Process chilled water return
LTHW CT F	Low temperature hot water constant temperature flow
LTHW CT R	Low temperature hot water constant temperature return
SDX	Specialist direct expansion unit (Space allocation only)
NG	Natural Gas
CA	Compressed Air
DHWS F	Domestic hot water flow
DHWS R	Domestic hot water return
BCWS (P)	Boosted cold water service - potable
LCWS	Lab cold water service
TWS F	Treated water system flow
TWS R	Treated water system return
HUBT	Hose union bib tap

REV	DESCRIPTION	DRW'N	CHK'D	APR'D	DATE
P01	WS4 Issue	DB	AE	CH	22/01/21

APPROVAL

Status:

Date:

Signed:

NOTE:
Status A - Signed off / No comment
Status B - Signed off to proceed subject to comments
Status C - Re-submit

CLIENT

Founded by:

MANCHESTER CANCER RESEARCH CENTRE

MANCHESTER 1824 The University of Manchester

CANCER RESEARCH UK

NHS The Christie NHS Foundation Trust

IHP ARUP

6th Floor, 3 Piccadilly Place
Manchester M1 3BN
Tel+44(0161) 228 2331
Fax+44(0161)228 6879
www.arup.com

PROJECT TITLE
Paterson Redevelopment Project

263083

STATUS
S2

DRAWING TITLE
Mechanical Plant Room Details
Level 08
Sheet 2

SCALE @ A1
1:50

DATE
22/01/21

DRAWING No.
PRP-ARUP-Z01-08-DE-N-8706

REVISION
P01