

LEGEND AND SYMBOLS:

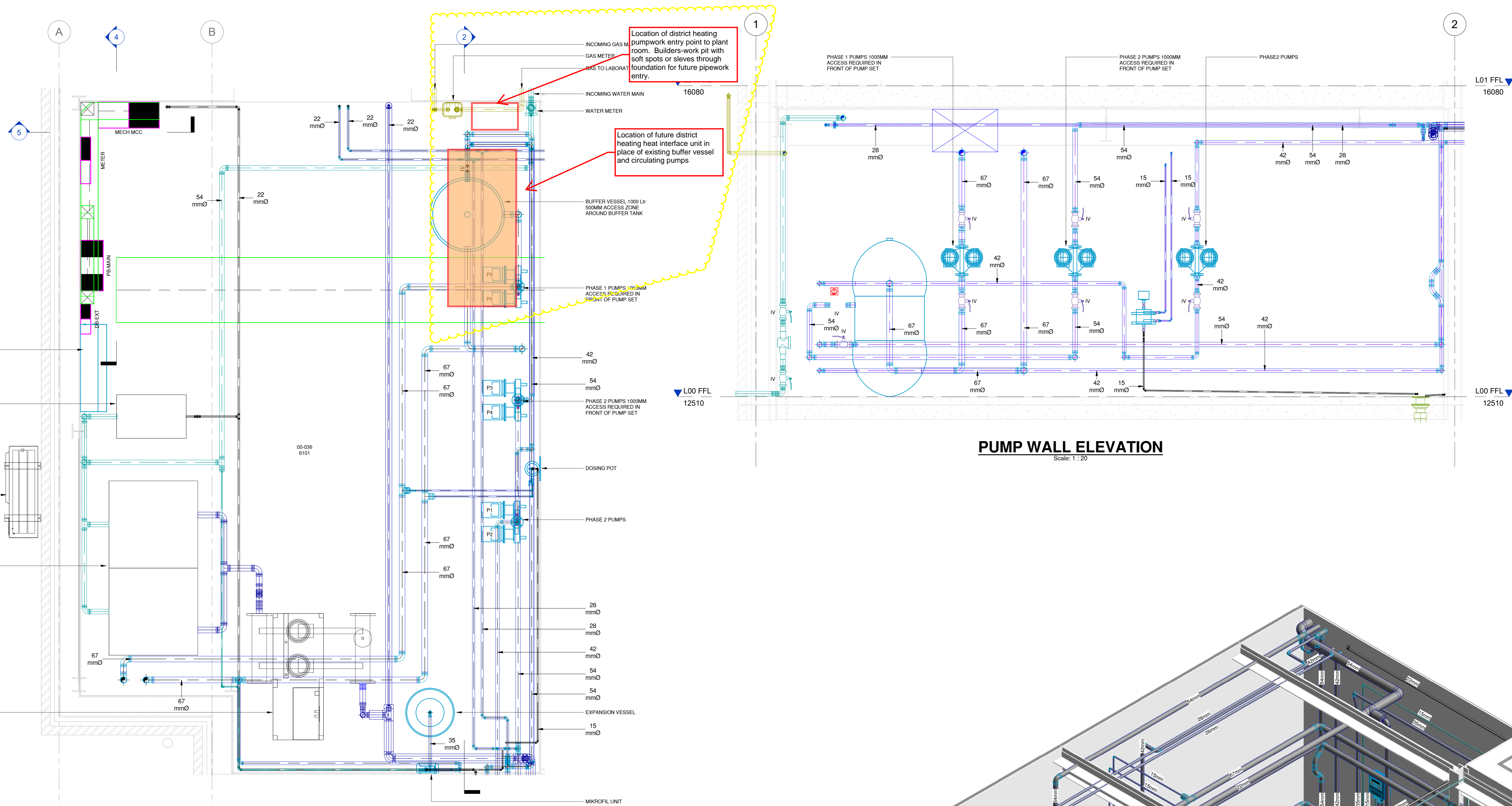
—	HCWS
—	HWRF
—	HWSF
HL	HIGH LEVEL
LL	LOW LEVEL
UG	UNDER GROUND
TB	TO BELOW
TA	TO ABOVE
FA	FROM ABOVE
FB	FROM BELOW
IA	MANUAL AIR VENT
IP	PRESSURE BY-PASS VALVE
IV	MOTORISED VALVE
IAV	AUTOMATIC AIR VENT
ISV	ISOLATION VALVE
LSV	LOCK SHIELD VALVE
TRV	THERMOSTATIC RADIATOR VALVE
CS	COMMISSIONING STATION
TS	TEMPERATURE, PRESSURE SENSOR
TSR	RINGER TAPPING
PI	PRESSURE INDEPENDENT CONTROL VALVE
PIA	PRESSURE INDEPENDENT CONTROL VALVE NO ACTUATOR
STR	STRAINER
NRV	NON RETURN VALVE
DC	DRAIN COCK
PT	PRESSURE, TEMPERATURE GAUGE
PIR	PASSIVE INFRARED SENSOR
ISV	ISOLATION VALVE
NRV	NON RETURN VALVE
CV	CHECK VALVE
DCV	DOUBLE CHECK VALVE
LSV	LOCK SHIELD VALVE
TBV	THERMOSTATIC BALANCING VALVE
TMV2	THERMOSTATIC MIXING VALVE - TYPE 2
HWS	HOT WATER SERVICE
DC	DRAIN COCK
MV	MOTORISED VALVE
SV	SAFETY RELIEF VALVE
WC	WATER CLOSET
RTA	RISE TO ABOVE
DTL	DROP TO LOW LEVEL
RTV	RISE TO CEILING VOID
TA	TO ABOVE
R	RADIATOR
RP	RADIANT PANEL HEATER
FC	FAN CONVECTOR
PICV	PRESSURE INLET CONTROL VALVE
PCV	PRESSURE CONTROL VALVE
TR	TOWEL RAIL

Origin Arch.
Origin Elec.

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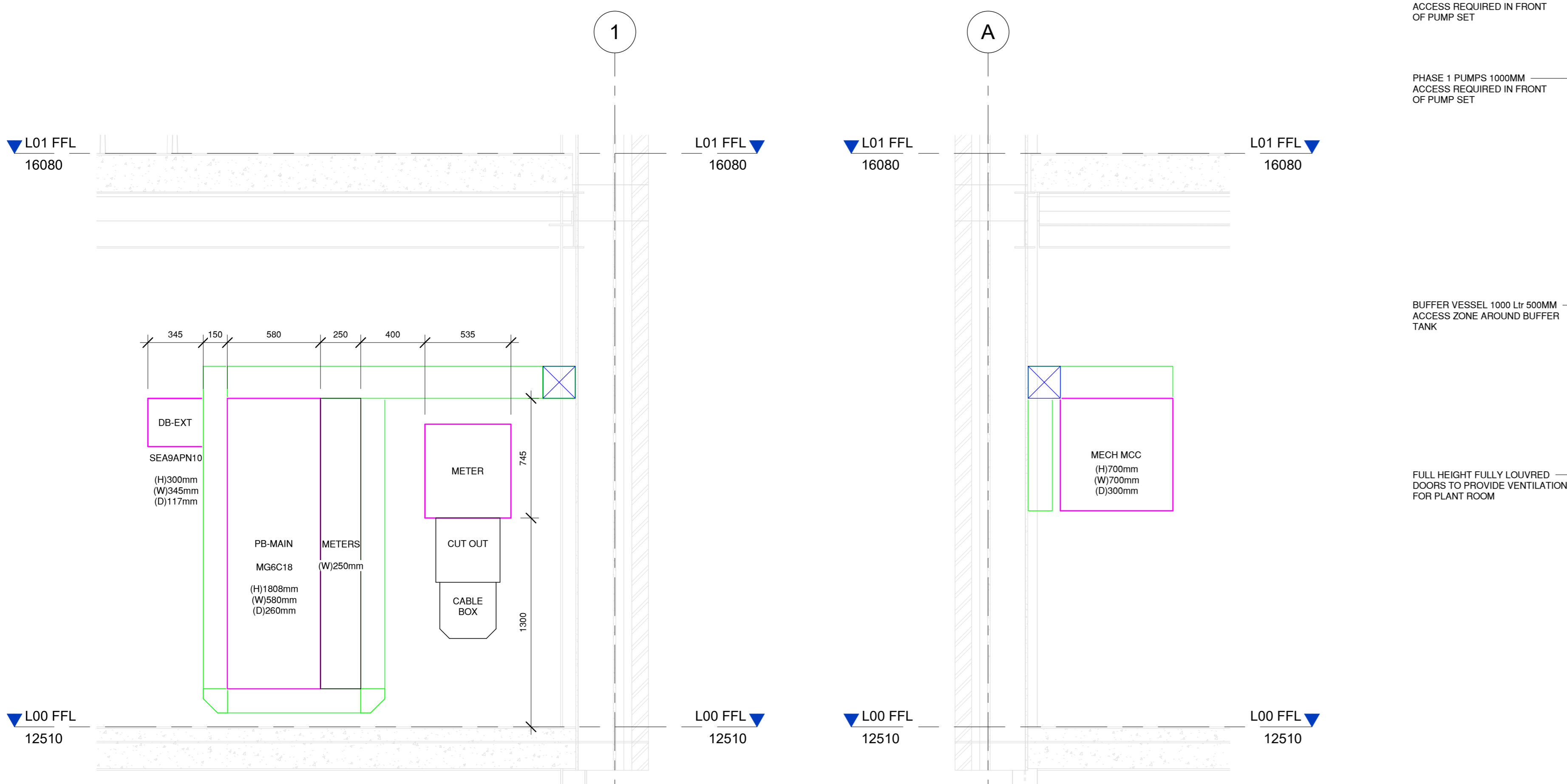
Standard Note:
1. DO NOT SCALE THIS DRAWING. WORK TO DIMENSIONS GIVEN.
2. ALL DIMENSIONS TO BE VERIFIED FROM SITE MEASUREMENT.
3. DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.

- NOTES:**
- EACH RADIANT PANEL IS TO BE FITTED WITH PICV AS DETAILED ON THE SCHEMATIC DRAWINGS
 - EACH RADIATOR TO BE FITTED WITH TRV ON THE FLOW CONNECTION AND LSV ON RETURN CONNECTIONS
 - THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER SILCOCK DAWSON & PARTNERS AND ARCHITECTS DRAWINGS, INCLUDING ASSOCIATED SPECIFICATIONS
 - FINAL LOCATION OF RADIATORS TO BE AGREED WITH ARCHITECT & COORDINATED WITH FFE
 - ALL PIPEWORK TO BE PRESSURE TESTED PRIOR TO OPERATION OF SYSTEM
 - ALL PIPEWORK TO BE FULLY LAGGED IN ACCORDANCE WITH SPECIFICATION IN CEILING VOIDS
 - ALL HIGH POINTS ON PIPEWORK SHALL BE FITTED WITH AIR VENTS & LOW POINTS WITH DRAIN COCKS
 - THE BUILDING SERVICES CONTRACTOR SHALL MAKE ALL DUE ALLOWANCES FOR THE THERMAL EXPANSION/CONTRACTION OF ALL PIPEWORK
 - PHASE 2 LTHW MAINS TO BE ROUTED THROUGH PHASE 1 STAGE READY FOR CONNECTIONS WHEN PHASE 2 IS DEVELOPED
 - REFER TO SCHEMATIC LAYOUT FOR ZONING
 - ALL PHASE 1 GRD FLOOR ZONE 1
 - ALL PHASE 1 FIRST FLOOR ZONE 2
 - ALL PHASE 2 GRD FLOOR ZONE 3
 - REFER TO SCHEMATIC LAYOUT FOR VALVES STRAINERS ETC ETC
 - TANK ROOM TO HAVE ITS OWN A/C UNIT FOR SUMMER COOLING
 - FULLY LOUVERED DOORS PROVIDED FOR VENTILATION OF PLANT ROOM
 - PIPEWORK ARRANGEMENTS TO BE CONFIRMED WITH ITSUICUSHI & PUMP VENDORS REQUIREMENTS



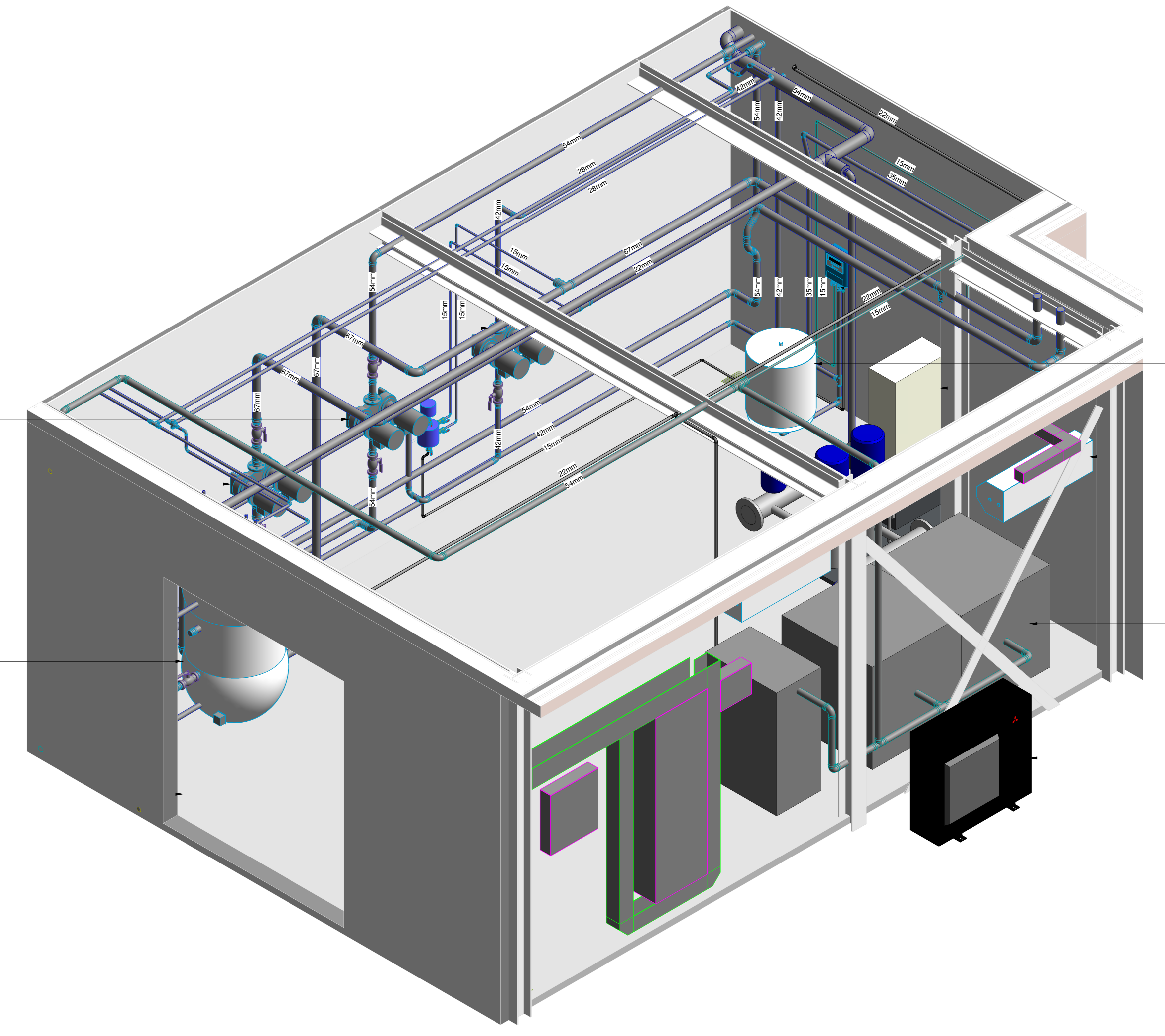
WALL MOUNTED AIR CON UNIT FOR TANK ROOM IN SUMMER TEMP
CATS TANK 500MM ACCESS ZONE AROUND TANKS
COLD WATER STORAGE TANKS 500MM ACCESS ZONE AROUND TANKS
COLD WATER BOOSTER SET 600MM ACCESS ZONE IN FRONT OF BOOSTER SET REQUIRED

L00 FFL - Plant Room
Scale: 1:20



ELECTRICAL SECTION DETAIL A
Scale: 1:20

ELECTRICAL SECTION DETAIL B
Scale: 1:20



PLANT ROOM 3D DETAIL
SCALE: N.T.S.

MIKROFIL UNIT
COLD WATER BOOSTER SET 600MM ACCESS ZONE IN FRONT OF BOOSTER SET REQUIRED
INDOOR A/C UNIT FOR COOLING TANK ROOM IN SUMMER
COLD WATER STORAGE TANKS
EXTERNAL CONDENSING UNIT FOR COOLING TANK ROOM IN SUMMER

003	17/01/24	DFE COMMENTS ADOPTED	LD	EM
002	25/05/23	INFO EXCHANGE 3	PC	EM
001	15/08/23	INFO EXCHANGE 3	PC	EM
Rev	Date	Description	By	Crtd

Drawing Status:
RIBA STAGE 3
SILCOCK DAWSON & PARTNERS

SDP Project No: Burnsides Secondary PRU
Client: MORGAN SINDALL CONSTRUCTION

Project: **BURNSIDE SECONDARY PRU**
Drawing Title: **MECHANICAL PLANT ROOM LAYOUT**

Dwg No:	SRP1055-SIL-XX-00-D-ME-0801	Rev:	C03
Scale @ A0:	As Indicated	Date:	08/15/23
Engineer:	PHC	Checked:	EM