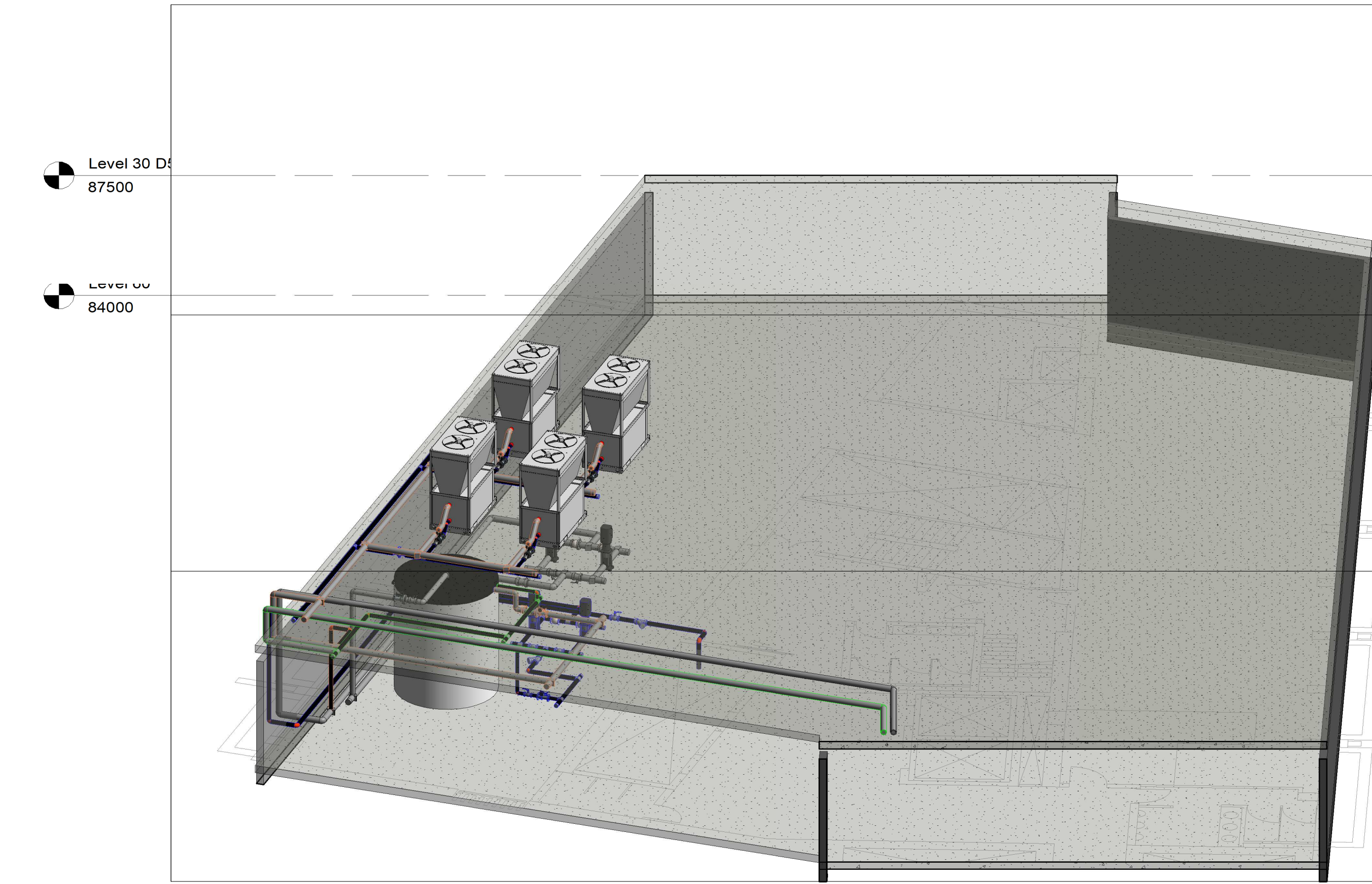
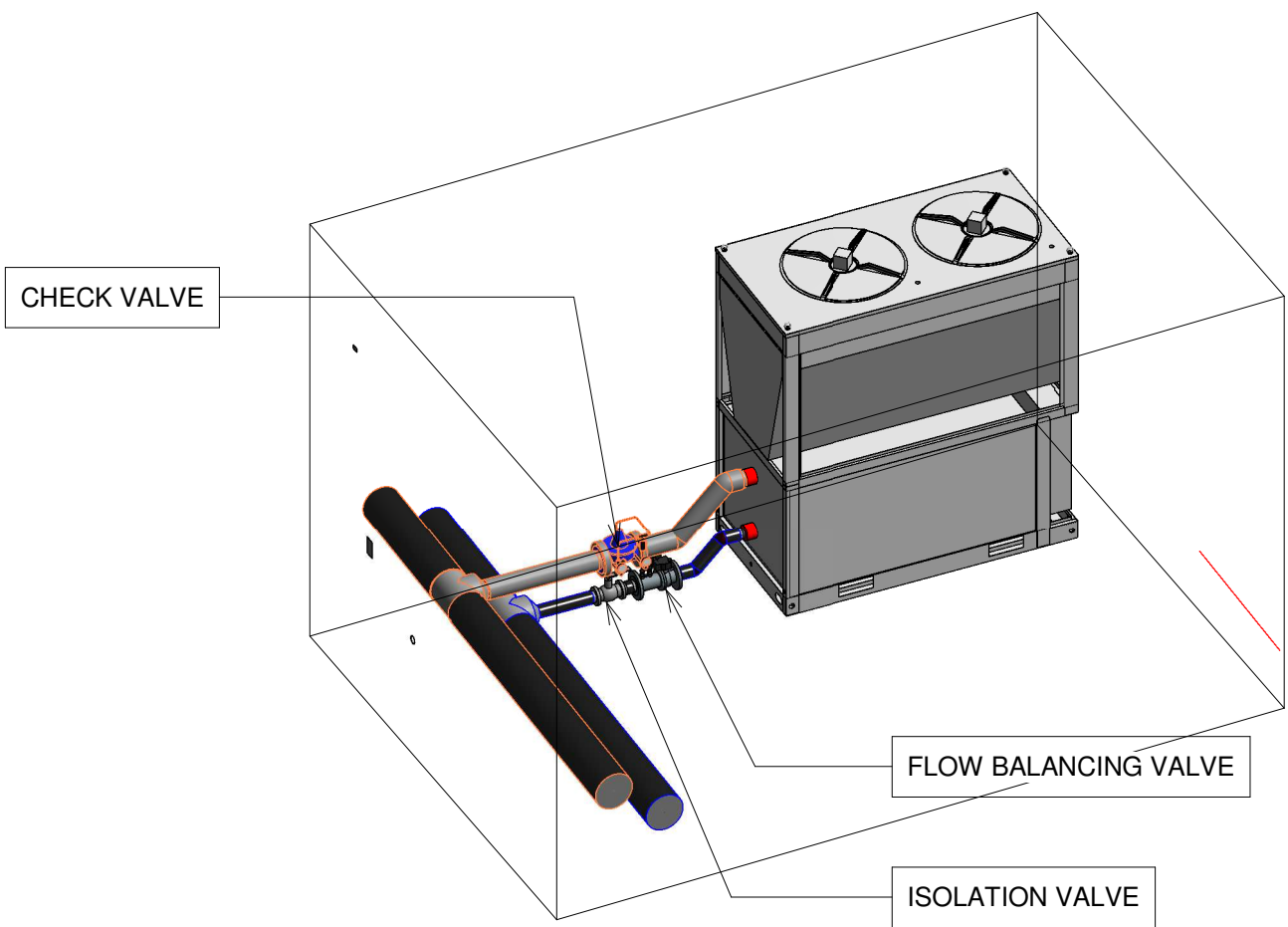


Pipe Color Fill Legend

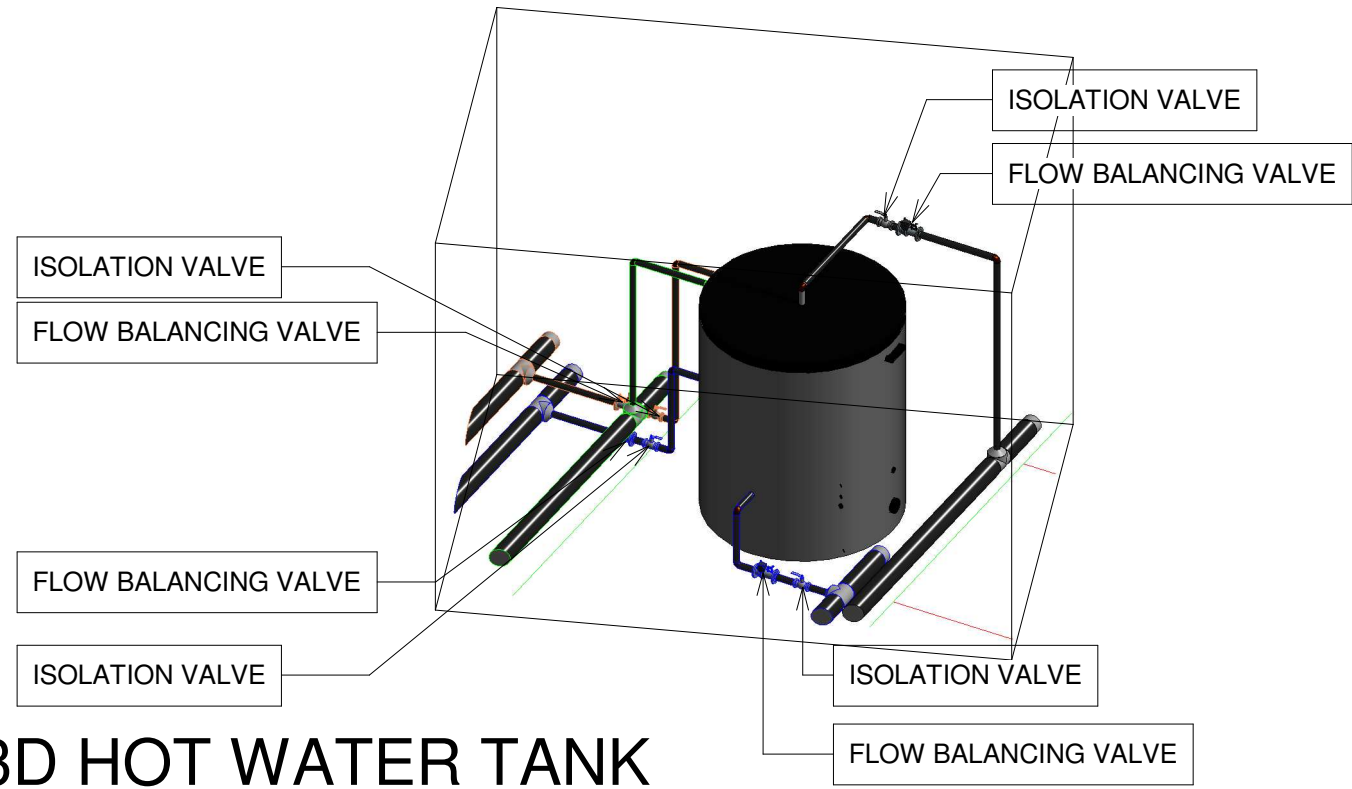
- Domestic Cold Water
- Domestic Hot Water
- Hot Water HP Return
- Hot Water Return



3D PLANT D6 AND D5



3D HEAT PUMP CONNECTION M3



3D HOT WATER TANK CONNECTIONS M3

REFERRAL DRAWINGS			
DRAWING DESCRIPTION	DRAWING NO.	REV	REV DATE

- GENERAL NOTES
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE LATEST ARCHITECTS DRAWINGS AND MEKAN STANDARD TECHNICAL SPECIFICATION.
 - THE COMPLETE INSTALLATION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE LOCAL AUTHORITIES BY LAWS.
 - THE NATIONAL BUILDING REGULATIONS AND TO THE SATISFACTION OF THE ENGINEER.
 - ALL WORK TO BE CARRIED OUT BY OR UNDER THE DIRECT SUPERVISION OF LICENSED PLUMBERS.
 - ALL TESTING OF PIPE WORK TO BE CARRIED OUT IN STAGES AS WORK PROCEEDS.
- WATER SERVICES NOTES
- UNDER GROUND PIPES TO BE IN HDPE TO SABS CLASS 12 WITH 600MM MINIMUM COVER.
 - CW PIPES IN PARKING BASEMENTS AND FOR ALL CW RISERS BETWEEN FLOORS TO BE IN CARBON STEEL WITH CLAMRON JOINTS FOR 50MM PIPES AND GREAYER.
 - ISOLATING VALVES TO BE TO SABS 776 CLASS 8.
 - APPROVED QUARTER TURN BALL VALVES (WITH FULL PIPE BORE) MAY BE USED. ALL VALVES TO BE D20 TO SABS.
 - ALL PIPE WORK TO BE PRESSURE TESTED IN STAGES AS WORK PROCEEDS. PIPE WORK ON MAINS PRESSURE TO BE TESTED TO 10 BAR.
 - OTHER PIPE WORK TO BE TESTED TO ONE AND A HALF TIMES THE WORKING PRESSURE.
 - AS BUILT WATER SERVICES TO BE MARKED ON DRAWINGS AS WORK PROCEEDS AND THE DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER.
 - ISOLATING VALVES TO BE CLEARLY SHOWN ON DRAWINGS AND LABELLED ON SITE.
 - ALL ISOLATING VALVES SHALL BE POSITIONED IN AN EASILY ACCESSIBLE POSITION.
 - VALVE LABELS TO BE 100MM DIAMETER ENGRAVED TRAPFOLEYITE WITH LARGE CP KEY RING FIXING TO VALVE.
- SV ISOLATING VALVE
BV BALANCING VALVE
NRV NON RETURN VALVE
WM WATER METER
PRV PRESSURE REDUCING VALVE
PU PUMP
IS INLINE STRAINER
PRV PRESSURE RELIEF VALVE
TPRV TEMPERATURE & PRESSURE RELIEF VALVE
VV VACUUM RELIEF VALVE

ARCHITECT

REVISIONS

REV	DATE	BY	DESCRIPTION
A	20/08/2021	N/A	ISSUED FOR INFORMATION
B	20/08/2021	N/A	REVISED FOR PLANT ROOM LOCATIONS
C	20/08/2021	N/A	ISSUED FOR TENDER

CLIENT



CONSULTANT



PROJECT

SABC Electrode Boiler Replacement

DISCIPLINE

WET SERVICES

DRAWING DESCRIPTION

PLANT ROOM M3 (29TH FLOOR)
HOT WATER STORAGE TANK
PLANT LAYOUT

DESIGNED BY:

SIGNATURE AND DATE:

N. Ramnarayan

SIGNATURE AND DATE:

M. Muthu

SIGNATURE AND DATE:

APPROVED BY:

SIGNATURE AND DATE:

PROJECT NO:

A3281

DATE:

30/08/2021

DRAWING NO:

A3281MW-PL-004

SCALE

1:100

SHEET SIZE

A0

REVISION

D