



1 K2 PLANT M2 TANK LAYOUT
1:100

- GENERAL NOTES**
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE LATEST ARCHITECT'S DRAWINGS AND MECHANICAL 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 GREATER.
 - ISOLATING VALVES TO BE TO SABS 716 CLASS 8.
 - APPROVED QUARTER TURN BALL VALVES (WITH FULL PIPE SCREWS) MAY BE USED. ALL VALVES TO BE 50mm TO SABS.
 - ALL PIPE WORK TO BE PRESSURE TESTED IN STAGES AS WORK PROCEEDS. PIPE WORK ON MAINS PRESSURE TO BE TESTED TO 18 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 TRAPFOLEYE WITH LARGE CP KEY FIND FIXING TO VALVE.
- Legend:**
- 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
 - TRPV: TEMPERATURE & PRESSURE RELIEF VALVE
 - VV: VACUUM RELIEF VALVE

ARCHITECT

REVISIONS

REV.	DATE	BY	DESCRIPTION
0	30/08/2021	NR	ISSUED FOR TENDER

CLIENT



CONSULTANT



PROJECT

SABC Electrode Boiler Replacement

DISCIPLINE

WET SERVICES

DRAWING DESCRIPTION:

PLANT ROOM M2 (K2) HOT WATER STORAGE TANK PLANT LAYOUT

DESIGNED BY:

SIGNATURE AND DATE:

REVIEWED BY:

SIGNATURE AND DATE:

APPROVED BY:

SIGNATURE AND DATE:

PROJECT NO:

A3281

DATE:

30/08/2021

DRAWING NO:

A3281MW-PL-007

REFERRAL DRAWINGS			
DRAWING DESCRIPTION	DRAWING NO.	REV	REV DATE

SCALE

1:100

SHEET SIZE

A0

REVISION

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