



1 3D PLANT PLAN

GENERAL NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE LATEST ARCHITECTS DRAWINGS AND MEKAN STANDARD TECHNICAL SPECIFICATION.
2. THE COMPLETE INSTALLATION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE LOCAL AUTHORITIES BY LAWS.
3. THE NATIONAL BUILDING REGULATIONS AND TO THE SATISFACTION OF THE ENGINEER.
4. ALL WORK TO BE CARRIED OUT BY OR UNDER THE DIRECT SUPERVISION OF LICENSED PLUMBERS.
5. ALL TESTING OF PIPE WORK TO BE CARRIED OUT IN STAGES AS WORK PROCEEDS.

WATER SERVICES NOTES

1. UNDER GROUND PIPES TO BE IN HDPE TO SABS CLASS 12 WITH 600MM MINIMUM COVER.
2. C/W PIPES IN PARKING BASEMENTS AND FOR ALL C/W RISERS BETWEEN FLOORS TO BE IN CARBON STEEL WITH CLAMRON JOINTS FOR 50MM PIPES AND GREAYER.
3. ISOLATING VALVES TO BE TO SABS 776 CLASS 8.
4. APPROVED QUARTER TURN BALL VALVES WITH FULL PIPE BORE MAY BE USED. ALL VALVES TO BE D20 TO SABS.
5. ALL PIPE WORK TO BE PRESSURE TESTED IN STAGES AS WORK PROCEEDS. PIPE WORK ON MAINS PRESSURE TO BE TESTED TO 10 BAR.
6. OTHER PIPE WORK TO BE TESTED TO ONE AND A HALF TIMES THE WORKING PRESSURE.
7. AS BUILT WATER SERVICES TO BE MARKED ON DRAWINGS AS WORK PROCEEDS AND THE DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER.
8. ISOLATING VALVES TO BE CLEARLY SHOWN ON DRAWINGS AND LABELLED ON SITE.
9. ALL ISOLATING VALVES SHALL BE POSITIONED IN AN EASILY ACCESSIBLE POSITION.
10. VALVE LABELS TO BE 100MM DIAMETER ENGRAVED TRAPPOLYTE 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
0	30/08/2021	NR	ISSUED FOR TENDER

CLIENT



PROJECT

SABC Electrode Boiler Replacement

DISCIPLINE

WET SERVICES

DRAWING DESCRIPTION

HOT WATER GENERATION PLANT PLAN

DESIGNED BY:	SIGNATURE AND DATE:
N Ramakrishna	
REVIEWED BY:	SIGNATURE AND DATE:
W Maitris	
Pr Eng 201/10228	SIGNATURE AND DATE:

PROJECT NO:	DATE:
A3281	30/08/2021

DRAWING NO:	A3281MW-PL-008
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REFERRAL DRAWINGS			
DRAWING DESCRIPTION	DRAWING NO.	REV	REV DATE
SCALE	SHEET SIZE	REVISION	
	A0	D	