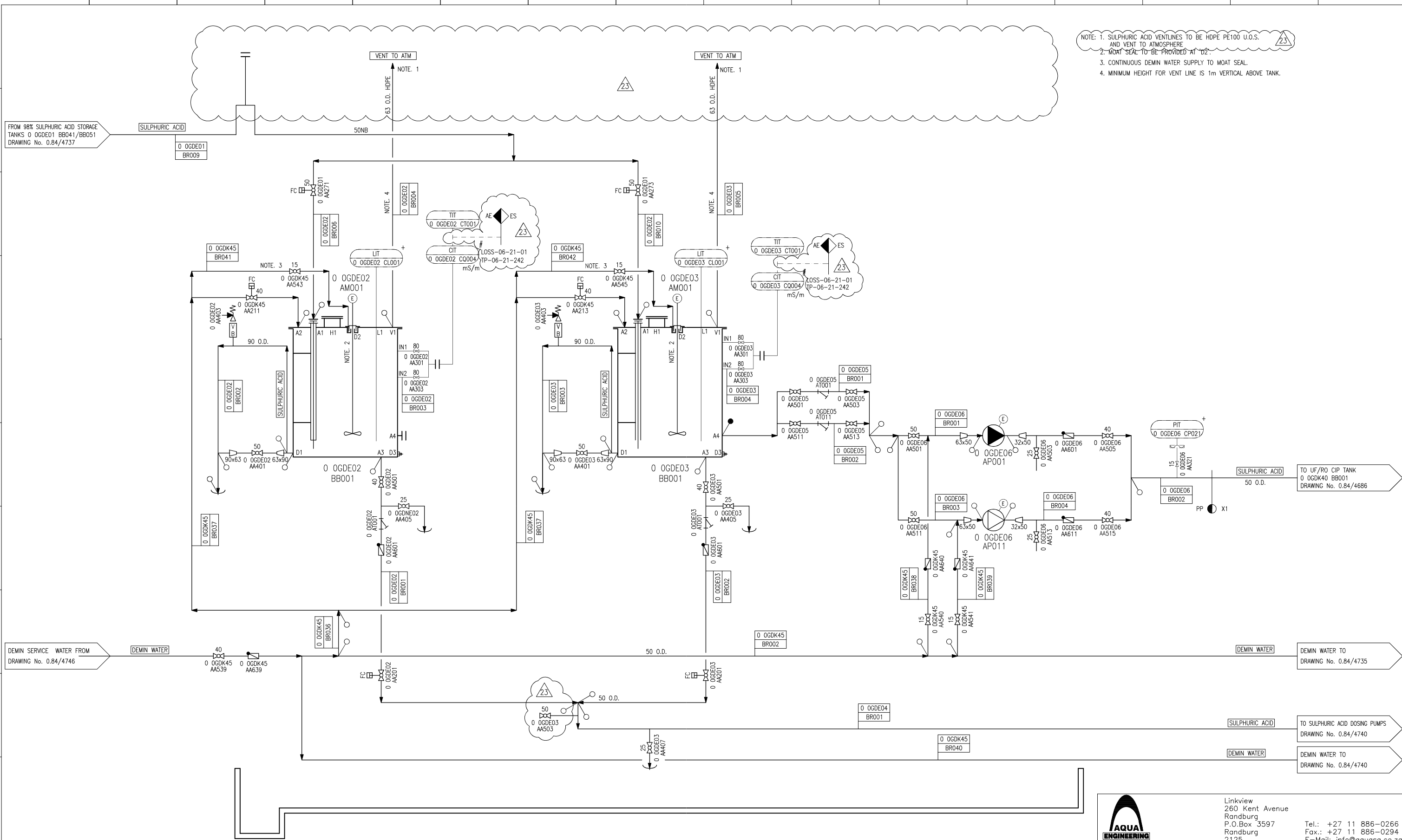




NOTE: 1. SULPHURIC ACID VENTILATES TO BE HDPE PE100 U.O.S. AND VENT TO ATMOSPHERE.
2. MOAT SEAL TO BE PROVIDED AT D2.
3. CONTINUOUS DEMIN WATER SUPPLY TO MOAT SEAL.
4. MINIMUM HEIGHT FOR VENT LINE IS 1m VERTICAL ABOVE TANK.

0 OGDE02 BB001

SULPHURIC ACID DILUTION TANK : 1 OFF
VOLUME : 10 m³
DIMENSIONS : Ø2 m x 3.5 m
M.O.C. : GRP
FLUID DESCRIPTION : SULPHURIC ACID : (30% CONCENTRATION)

0 OGDE02 AM001

SULPHURIC ACID MIXER : 1 OFF
MOTOR : 1.1 kW
IMPELLER DIAMETER : 700 mm
SPEED : 100 RPM
M.O.C. : CARBON STEEL (HALAR ECTFE COATING)

0 OGDE03 BB001

SULPHURIC ACID MIXING TANK : 1 OFF
VOLUME : 10 m³
DIMENSIONS : Ø2.0 m x 3.5 m
M.O.C. : GRP
FLUID DESCRIPTION : 30 % CONCENTRATION SULPHURIC ACID

0 OGDE03 AM001

SULPHURIC ACID MIXER : 1 OFF
MOTOR : 1.1 kW
IMPELLER DIAMETER : 700 mm
SPEED : 100 RPM
M.O.C. : CARBON STEEL (HALAR ECTFE COATING)

0 OGDE06 AP001/AP011

H₂SO₄ CIP TRANSFER PUMP : 2 OFF
CAPACITY : 5 m³/h
PRESSURE : 90 kPa
MOTOR : 0.75 kW
IMPELLER M.O.C. : ASTMA 743
CASING M.O.C. : ASTMA 743

AS BUILT
Signed S. Seeth Date 06/04/2021

Linkview
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2125

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D.O.	REV	DATE	INDEX REFERENCE	REVISION	REV BY	CHKD BY	AUTH BY	KKS APP	REFERENCE DRAWINGS
23	17.03.21	AS BUILT			N.S.	N.M.	S.S.	J.V.	
22	18.07.19	VENT, MOAT SEAL ADDED. 0/FLOW LWRD.			N.S.	N.M.	J.P.	J.V.	
21	13.02.18	AS BUILT			N.A.S.	N.M.	J.P.	J.V.	
20	27.06.16	DIPTUBE WITH SLEEVE ADDED TO TANKS			J.R.	J.M.K.	J.M.	J.V.	
19	05.01.16	UPDATED AS PER ESKOM COMMENTS			J.R.	J.M.K.	J.M.	J.V.	
18	12.06.15	DRAIN VALVES ADDED			J.R.	J.M.K.	J.H.	J.V.	

DESIGN APPROVED: 25.05.09 E.M.

KKS APP: 25.05.09 J.V.

DO AUTH: 25.05.09 J.H.

CHKD BY: 25.05.09 Y.K.

DRAWN BY: 25.05.09 S.M.

SCALE: NTS

MEDUPI POWER STATION
WTP ~ SYSTEM 5
SULPHURIC ACID DILUTION SYSTEM 1
P. & I. DIAGRAM
C048-51010
0.84 / 4738

Eskom

SHEET: 23