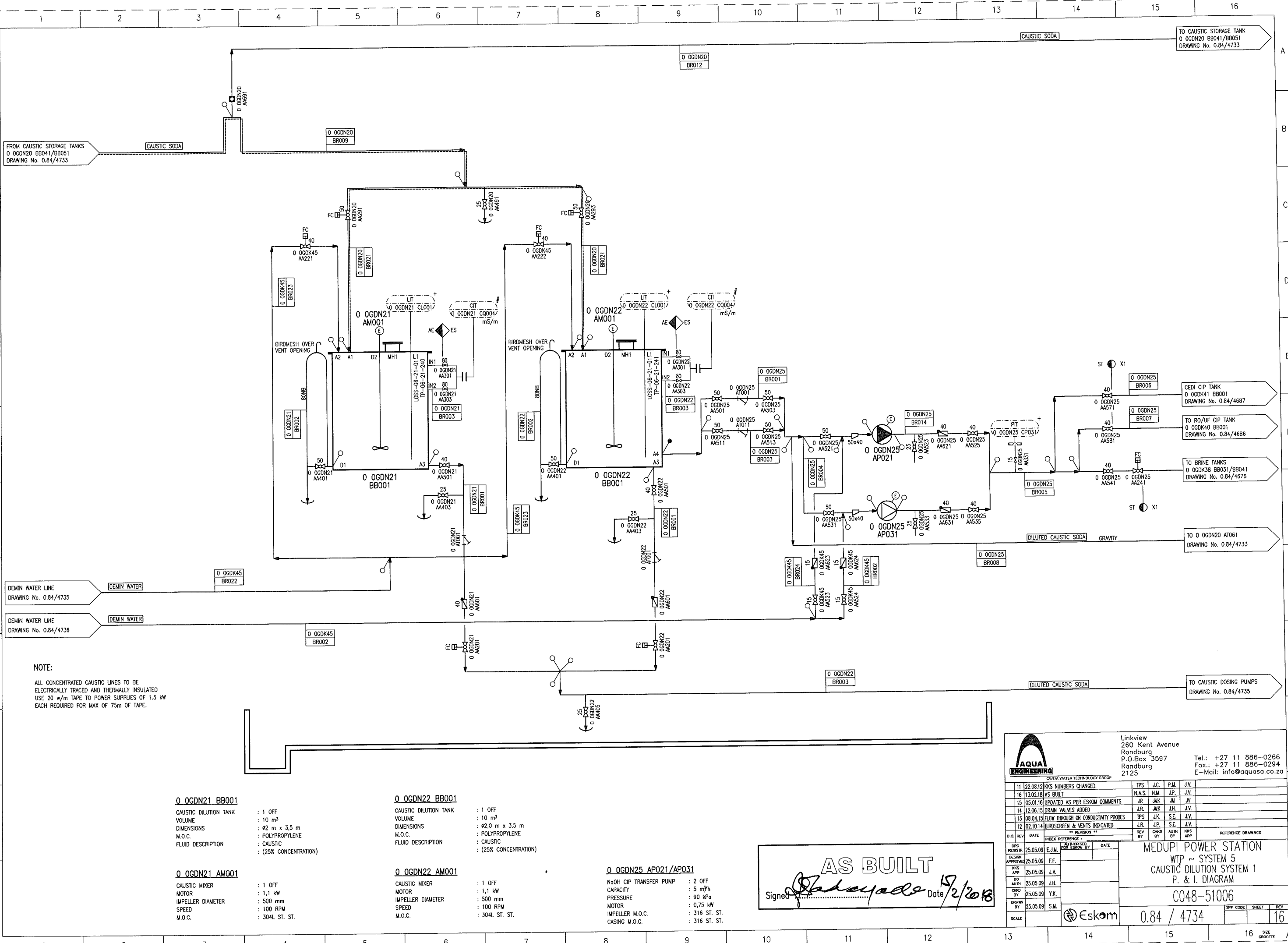




NOTE:
ALL CONCENTRATED CAUSTIC LINES TO BE
ELECTRICALLY TRACED AND THERMALLY INSULATED
USE 20 w/m TAPE TO POWER SUPPLIES OF 1.5 kW
EACH REQUIRED FOR MAX OF 75m OF TAPE.

0 OGDN21 BB001
CAUSTIC DILUTION TANK
VOLUME : 10 m³
DIMENSIONS : Ø2 m x 3,5 m
M.O.C. : POLYPROPYLENE
FLUID DESCRIPTION : CAUSTIC
(25% CONCENTRATION)

0 OGDN21 AM001
CAUSTIC MIXER
MOTOR : 1,1 kW
IMPELLER DIAMETER : 500 mm
SPEED : 100 RPM
M.O.C. : 304L ST. ST.

0 OGDN22 BB001
CAUSTIC DILUTION TANK
VOLUME : 10 m³
DIMENSIONS : Ø2,0 m x 3,5 m
M.O.C. : POLYPROPYLENE
FLUID DESCRIPTION : CAUSTIC
(25% CONCENTRATION)

0 OGDN22 AM001
CAUSTIC MIXER
MOTOR : 1,1 kW
IMPELLER DIAMETER : 500 mm
SPEED : 100 RPM
M.O.C. : 304L ST. ST.

0 OGDN25 AP021/AP031
NaOH CIP TRANSFER PUMP
CAPACITY : 2 OFF
PRESSURE : 5 m³/h
MOTOR : 90 kW
IMPELLER M.O.C. : 0,75 kW
CASING M.O.C. : 316 ST. ST.

AS BUILT
Signed *[Signature]* Date 15/2/2013

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REV	DATE	DESCRIPTION	BY	CHKD BY	APP BY
11	22.08.12	KKS NUMBERS CHANGED.	J.P.	J.C.	J.V.
16	13.02.18	AS BUILT	J.P.	J.C.	J.V.
15	05.01.16	UPDATED AS PER ESKOM COMMENTS	J.R.	J.M.	J.V.
14	12.06.15	DRAIN VALVES ADDED	J.R.	J.M.	J.V.
13	08.04.15	FLOW THROUGH ON CONDUCTIVITY PROBES	J.P.	J.C.	J.V.
12	02.10.14	BIRDSCREEN & VENTS INDICATED	J.R.	J.P.	J.V.

DESIGN APPROVED: 25.05.09 E.J.M.

DESIGN 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:

INDEX REFERENCE:

REV	DATE	DESCRIPTION	BY	CHKD BY	APP BY
1	25.05.09	FOR ESKOM BY	J.P.	J.C.	J.V.

REFERENCE DRAWINGS

REV	DATE	DESCRIPTION	BY	CHKD BY	APP BY
1	25.05.09	FOR ESKOM BY	J.P.	J.C.	J.V.

MEDUPI POWER STATION
WTP ~ SYSTEM 5
CAUSTIC DILUTION SYSTEM 1
P. & I. DIAGRAM

C048-51006

0.84 / 4734

Eskom

SPF CODE	SHEET	REV
	16	