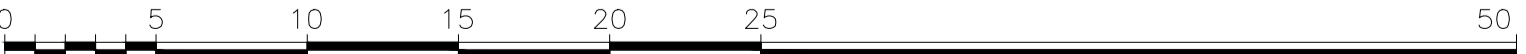


OFF-TAKE	QMIN (l/s)	QNOM (l/s)	QMAX (l/s)	VALVE OPEN	MAXIMUM HEAD CONDITIONS		MINIMUM FLOW CONDITIONS	
					U/S HEAD (m)	D/S HEAD (m)	U/S HEAD (m)	D/S HEAD (m)
GROOTEGELUK	85	254	320	0%	224.4	25.6	130.1	25.6
				100%	176.6	156	46.2	44.3
MATIMBA	135	400	504	0%	224.4	6.6	121.5	6.6
				100%	89.2	35.5	17.7	11.4


2	GENERAL LAYOUT	2H-C5-031	XXXXXXXXXX
3	PLAN AND SECTION	2H-C5-032	XXXXXXXXXX
4	PLAN AND SECTION	2H-C5-033	XXXXXXXXXX
5	PIPE SPECIALS	2H-C5-034	XXXXXXXXXX
6	PIPE SPECIALS	2H-C5-035	XXXXXXXXXX
7	ROOF SLAB LAYOUT AND DETAILS	2H-C5-036	XXXXXXXXXX
SHEET	DESCRIPTION	OTHER No.	REG. No.

LAYOUT PLAN – OFF-TAKE A (MATIMBA/GROOTGELUK)  
SCALE 1:250

SCALE 1:250




CONSULTING ENGINEER



WOODMEAD NORTH OFFICE PARK  
54 MAXWELL DRIVE  
WOODMEAD


IMPLEMENTING AGENT



A new word for water

MOD No.	DATE	DESCRIPTION	FOR	DWS
T1	08/21	ISSUED FOR TENDER	CVE	

DEPARTMENT OF WATER AND SANITATION  
REPUBLIC OF SOUTH AFRICA



HEAD OFFICE  
ENGINEERING SERVICES  
PRIVATE BAG X313  
PRETORIA 0001

SEDBENG BUILDING  
185 FRANCIS BAARD STREET  
PRETORIA  
(012) 336-7500

P. DU PLESSIS  
Pr. Eng: 810012  
CHECKED: 25/08/2021  
DATE:

DESIGN: C. VAN ECK  
DRAWN: A. STEENBERG

C. VAN ECK  
Pr. Eng: 20110038  
ENGINEER: 25/08/2021  
DATE:

EXTERNAL APPROVAL: DATE:

P. VAN HEERDEN  
Pr. Eng: 920029  
25/08/2021  
DATE:

DIRECTOR (Pr. Eng): DATE:

CHIEF ENGINEER / APP (Pr. Eng): DATE:

PROVINCE: LIMPOPO

DISTRICT: THABAZIMBI/LEPHALALE

KEYCODES:

LOCALITY No.: XXXXXX

TENDER/CONTRACT No.: XXXXXXXXXXXXX

CALCULATION FILE: XXXXXXXXXXXXXXXXXXXX

OTHER No. 2H-C5-030

REV. T1

MOKOLO CROCODILE WATER AUGMENTATION PROJECT PHASE 2 (MCWAP-2)

GRAVITY MAIN  
MATIMBA & GROOTEGELUK OFF-TAKES (SUPPLY A)  
KEYPLAN

1 OF 7