



LEGEND	
●	PROPOSED RESERVOIR
■	PROPOSED PUMP STATION
●	PROPOSED ABSTRACTION POINT P1
—	PROPOSED RISING MAIN
—	PROPOSED GRAVITY MAIN
—	IN-FIELD IRRIGATION PIPES
—	PROPOSED PIPE BRIDGE
—	IRRIGATION AREA BOUNDARY
—	PROPOSED ATTENUATION POND
—	IN-FIELD FURROWS/CANALS
—	LIVESTOCK FEEDING LOT
VC	VALVE CHAMBER

0 50 100m
ORIGINAL DRAWING

DESCRIPTION OF REVISION(S)	DATE	CHECKED	APPROVED
A ISSUED FOR APPROVAL	25/03/2021	B. SIBANDA	H. FUYANA

DESIGNED	B. SIBANDA
CHECKED	H. FUYANA
DRAWN	A. JUWLAL
CHECKED	H. FUYANA
PROJECT MANAGER	H. FUYANA
REGISTRATION NO.	2016 703 23

CONSULTING ENGINEER
 PHYSICAL ADDRESS:
 18 YORK ROAD
 GILLITTS
 3610
 TEL: (031) 7642763
 FAX: (086) 542 4084
 e-mail: admin@fmaengineers.co.za



POSTAL ADDRESS:
 PO BOX 01
 CAVERSHAM GLEN
 PINETOWN
 3616
 H. FUYANA
 (REGISTRATION NO.: 2016 703 23) SIGNATURE: _____

CLIENT
 PHYSICAL ADDRESS:
 270 JABU NDLOVU STREET
 PIETERMARITZBURG
 3200
 TEL: (033) 264 9500
 FAX: (033) 342 3904
 e-MAIL: _____



ON BEHALF OF CLIENT: SIGNATURE: _____
 POSTAL ADDRESS:
 PO BAG X9132
 PIETERMARITZBURG
 3200

PROJECT/DRAWING TITLE
DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM
THE FEASIBILITY STUDY, DESIGN AND CONSTRUCTION MONITORING OF HARRY GWALA MASSIFICATION IRRIGATION PROJECT PHASE 1, UMZIMKHULU LM, KZN
 IRRIGATION LAYOUT PLAN: NGUSE

SCALE:	1 : 1000	CONTRACT No.	SS-KZN7/1/6/3 (757) 000R
SHEET OF	1 1	PROJECT No.	K043
DRAWING No.	K043-W0A-102		
REVISION	A		