



FIRE PUMPS ALARM MONITORING	
PANEL	MAINTENANCE MODE SWITCH
ELECTRIC MOTOR DRIVEN PUMP CONTROLLER PANEL	ALARM - FIRE ALARM
ELECTRIC MOTOR DRIVEN PUMP CONTROLLER PANEL	ALARM - PUMP RUN
ELECTRIC MOTOR DRIVEN PUMP CONTROLLER PANEL	ALARM - MAINS FAIL
ELECTRIC MOTOR DRIVEN PUMP CONTROLLER PANEL	ALARM - CONTROL CIRCUIT FAIL
ELECTRIC MOTOR DRIVEN PUMP CONTROLLER PANEL	ALARM - PUMP FAIL
DIESEL ENGINE DRIVEN PUMP CONTROLLER PANEL	ALARM - FIRE ALARM
DIESEL ENGINE DRIVEN PUMP CONTROLLER PANEL	ALARM - PUMP RUN
DIESEL ENGINE DRIVEN PUMP CONTROLLER PANEL	ALARM - PUMP FAIL
DIESEL ENGINE DRIVEN PUMP CONTROLLER PANEL	ALARM - MAINS FAIL
DIESEL ENGINE DRIVEN PUMP CONTROLLER PANEL	ALARM - CONTROL CIRCUIT FAIL
DIESEL ENGINE DRIVEN PUMP CONTROLLER PANEL	ALARM - LOW OIL PRESSURE FAIL
DIESEL ENGINE DRIVEN PUMP CONTROLLER PANEL	ALARM - BATTERY CHARGER FAIL
DIESEL ENGINE DRIVEN PUMP CONTROLLER PANEL	ALARM - ENGINE OVER TEMPERATURE FAIL

NB: BMS CONTACTS FOR
FAULT/NORMAL INDICATION

**ISSUED FOR
TENDER**

- ## NOTES
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, CIVIL AND STRUCTURAL ENGINEER'S DRAWINGS AND SPECIFICATIONS.
 2. DO NOT SCALE FROM THE DRAWING. THE CONTRACTOR MUST CHECK AND CONFIRM ALL DIMENSIONS INCLUDING LEVELS ON SITE WITH THE SERVICES ENGINEERS.
 3. ANY QUERIES AND/OR DISCREPANCIES MUST BE REFERRED TO THE SERVICES ENGINEER BEFORE MATERIAL ARE ORDERED AND BEFORE EXECUTION ON SITE.
 4. REFER TO DRG No. ME-E010101-2 FOR GENERAL LEGEND
 5. DRAWING TO BE READ IN CONJUNCTION WITH LATEST VERSION OF STANDARD QUALITY SPECIFICATION FOR FIRE PROTECTION

PUMP	REF	CUT-IN	CUT-OUT
ELECTRIC DUTY	FHP 01	250kPa	MANUAL
DIESEL	FHP 02	200kPa	MANUAL

PUMPS DUTY:- 2400 litres/Min @ 700KPa

CLIENT

**DEVELOPMENT BANK
OF SOUTHERN AFRICA**

1258 LEVER ROAD
HEADWAY HILL
MIDRAND
1665

www.dbsa.org

B	15/11/2021	ISSUED FOR TENDER
A	05/10/2021	ISSUED FOR REVIEW.
REV NO.	DATE	DESCRIPTION

REVISIONS

PROJECT CONSULTANT

PROJECTNEERS

**PROJECTNEERS CONSULTING ENGINEERS
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DRAWING CHECKS			
DESIGNED BY	DESIGN CHECKED BY	DRAWN BY	DRAWING CHECKED BY
S.M.	B. TSHUMA	I.S.	S. ZUNO

APPROVAL CONSULTANT		
S. MUTARINGE		
DATE	PROF. REG. NO.	THE MASTER HELD AT THE PROJECT NEERS CONSULTING MIDLAND OFFICE BEARS THE ORIGINAL SIGNATURE OF APPROVAL
2021-09-03	20130388	

PROJECT NAME

PROPOSED ADDITIONAL SCHOOL INFRASTRUCTURE,
RENOVATIONS AND REFURBISHMENTS AT GOA
KGANYA PRIMARY SCHOOL ON BEHALF OF THE
NORTH WEST DEPARTMENT OF EDUCATION (NW DoE)

PROJECT SITE
GOA KGANYA PRIMARY SCHOOL, PHASHA VILLAGE, KLIPGAT, MADIBENG, NORTH WEST, SOUTH AFRICA
SHEET TITLE

PUMP HOUSE - BLOCK J2
FIRE PROTECTION LAYOUT
DISCIPLINE

FIRE	
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CONTRACT NUMBER
RFP262-2019

FILE NUMBER _____ SCALE _____

ZA2020_2003	1:50
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DRAWING NUMBER									
ORG	STATE	YEAR	PROJ. NO.	CLIENT	SITE	POLE	SERIAL NO.	REV	SI