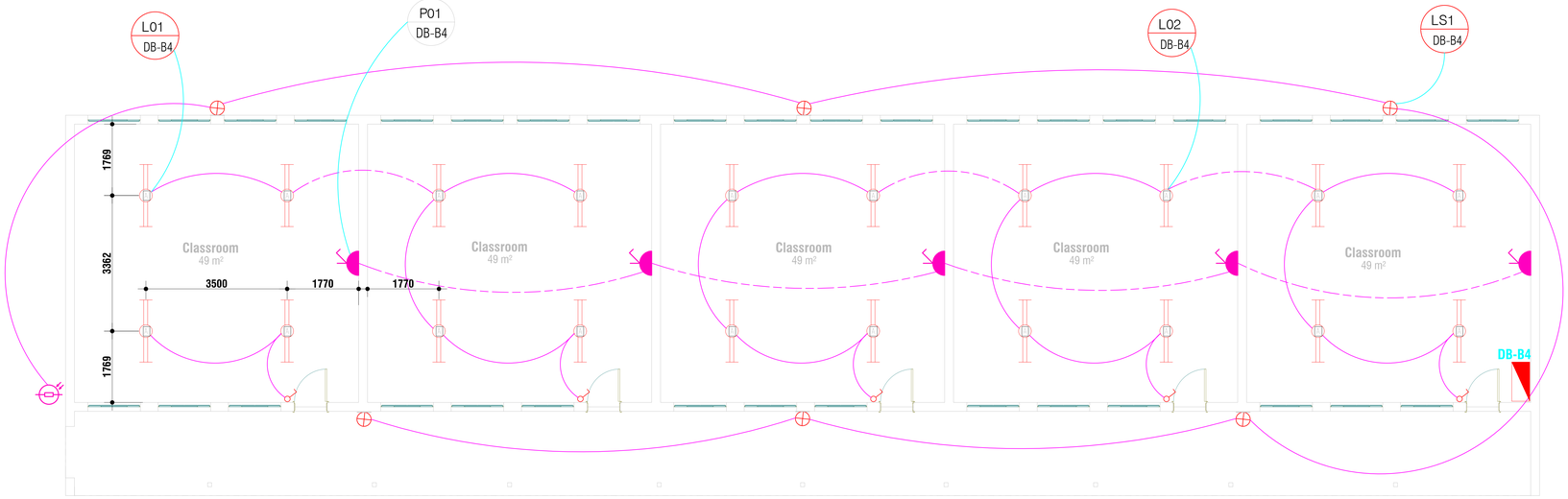

LIGHTING AND POWER PLAN
SCALE: 1 : 50

LEGEND		
SYMBOLS	DESCRIPTION	QTY
	Type C - Surface mounted black round Bulkhead luminaire with polycarbonate lens and aluminium base complete with 2PL9W lamps.(Similar to Lascon B10)	-
	Type C - Wall mounted black round Bulkhead luminaire with polycarbonate lens and aluminium base complete with 2PL9W lamps. (Similar to Lascon B10)	7
A	Type A - Commercial Open Channel fluorescent luminaire fitted with 2 x 58W tubes and electronic ballast with telescopic holders.	20
	16A round 3-pin switch socket outlet surface mounted at 300mm AFFL	5
	16A round 3-pin switch socket outlet surface mounted at 1400mm AFFL	-
	16A Double round 3-pin switched socket outlet surface mounted 300mm AFFL	-
	16A Double round 3-pin switched socket outlet surface mounted 1100mm AFFL	-
	Data point	-
	Telephone point	-
	Distribution board	1
	Photocell	1
	One way switch 1400 AFFL	5
	Two way switch 1400 AFFL	-
	Double pole one way switch 1400 AFFL	-
	Single Phase Isolator	-
PO1 / DB-A/N	Circuit identification 01 = Circuit Number A/N = DB Name (Fed from Normal Supply)	

NOTES:

1. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH SANS 10142-1 SPECIFICATION.
2. FINAL POSITIONS OF LUMINAIRES AND SOCKET OUTLETS TO BE DETERMINED ON SITE.
3. BULKHEAD LUMINAIRES ARE TO BE MOUNTED AT A MINIMUM HEIGHT OF 2200mm ABOVE WALKWAYS UNLESS OTHERWISE STATED.
4. LIGHT SWITCHES TO BE POSITIONED AT 1400mm AFFL. SWITCH TO BE POSITIONED CLOSE TO THE DOOR, BUT SUCH THAT AN OPENING DOOR DOES NOT OBSTRUCT THE SWITCH OPERATION.
5. SWITCHED SOCKET OUTLETS TO BE INSTALLED AT MINIMUM 300mm ABOVE FINISHED SURFACE UNLESS STATED OTHERWISE.
6. ISOLATORS SHALL BE INSTALLED IN CLOSE PROXIMITY TO THEIR RESPECTIVE UNITS.

N

GENERAL NOTES

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWING.

ALL DIMENSIONS, LEVELS, ETC ARE TO BE CHECKED BEFORE ANY WORK IS COMMENCED AND ANY DICREPANCIES NOTED TO BE BROUGHT TO THE ARCHITECT'S ATTENTION.

ONLY FIGURED DIMENSIONS TO BE USED, SCALING OF DRAWINGS IS NOT ADVISABLE.

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GEOTECH INFORMATION

SOIL TYPE: C1 and Unified Soil Class (SC-SM)

ASSUMED SOIL BEARING CAPACITY: <150 kPa kPa

RECOMMENDED FOUNDATION TYPE: Reinforced Strip Foot Foundation

RECOMMENDED FOUNDATION DEPTH: 0.6-1m

REV. NO.	DATE	DESCRIPTION
A	2021-01-20	ISSUED FOR REVIEW
B	2021-02-10	ISSUED FOR TENDER

MUNICIPAL APPROVAL

NAME:.....

SIGNATURE:.....DATE:.....

STAMPS:

PRINCIPAL AGENT

Mamadi & Company | SA
No. 1 Newtown Avenue,
Killarney,
Johannesburg , 2193

Tel: 011 - 532 8659
Email:info@mamadi.co.za

COMPETENT CONTACT PERSON:	CONT. No: +2711 532 8659
FULL NAME	FIRM REG No: 2016/012437/07

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Lefapha la Thuto la Bokone Bophirima
Noord-Wes Departement van Onderwys
North West Department of Education
NORTH WEST PROVINCE

DBSA

ARCHITECT:.....

SIGNATURE:.....DATE:.....

OHS:.....

SIGNATURE:.....DATE:.....

NORTH WEST DEPARTMENT OF EDUCATION

NAME:.....

SIGNATURE:.....DATE:.....

NAME:.....

SIGNATURE:.....DATE:.....

NAME:.....

SIGNATURE:.....DATE:.....

DISCIPLINE

ELECTRICAL

PROJECT NAME

SEDIKO PRIMARY SCHOOL

EMIS NUMBER:
600101902

PROJECT STATUS

STAGE 1-3		STAGE 4		STAGE 5-6	
CONCEPT		TENDER	■	CONSTRUCTION	

DESCRIPTION
NEW CLASSROOMS BLOCK 4
ELECTRICAL LIGHTING AND POWER LAYOUT

SCALE:
1:50
-

DRAWN:	CHECKED:
NAME OF COMPETENT PERSON: OMPHEMETSE MOLEFE	NAME OF COMPETENT PERSON: JOHN MOKOENA
REG No:	REG No: 20030038 - ECSA
SIGNATURE	SIGNATURE

PROJECT NUMBER
RFP 263/2019

DATE: 2021-01-20

DWG No:
DBSA-JBT-S1-ENG-ELE-DWG-007

REV No: B

A4.4 Primary & Secondary School

SANS 10400 & XA COMPLIANCE				
	Rational Des.		Standard Cal	
CONDUTANCE	Y	N	Y	N
SOLAR HEAT GAIN	Y	N	Y	N
GEOGRAPHICAL ZONE				

NBRs COMPLIANCE	Yes	No
SITE PLAN		
OTHER DRAWINGS		

OTHER APPROVALS	Mark with X Yes	No	N/A
Enviromental Impact Assesment (EIA)			
South African Heritage Resources Agency (SAHRA)			
Department of Water and Sanitation (DWS)			
South African National Roads Agency (SANRAL)			
Other			

WATER SUPPLIER	Yes	No	
MUNICIPALITY			MUNICIPALITY NAME
BOREHOLE			WATER USE LISENCE: Not Available
PRESSURE	TBC		BARS
TANKS	Number Total: 1		Capacity: 2000 LITERS
OTHER STORE	Specify below: Yes	No	

SANITATION/ SEWER	Yes	No	
MUNICIPALITY			MUNICIPALITY NAME: Mathosana
SEPTIC TANKS			CAPACITY: M3
PIT LATRINES			Yes / No
OTHER			SPECIFY:

SITE INFORMATION	
ERF No.	15756
COVERAGE	10.9 % (3795 m²)
VILLAGE NAME	Jouberton Ext. 15
DISTRICT	Dr Kenneth Kaunda
COORDINATES	26°54'12.4"S 26°35'46.5"E

STAGES		
SIPDM	SACAP	Mark with X
0		
1		
2		
3	1	
4	2	
5	3	☒
6	4	
7	5	
8		
9	6	

PROJECT TEAM	COMPETENT CONTACT PERSON	CONTACT No.	REGISTRATION No.	COMPANY NAME
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CONTRACTOR				