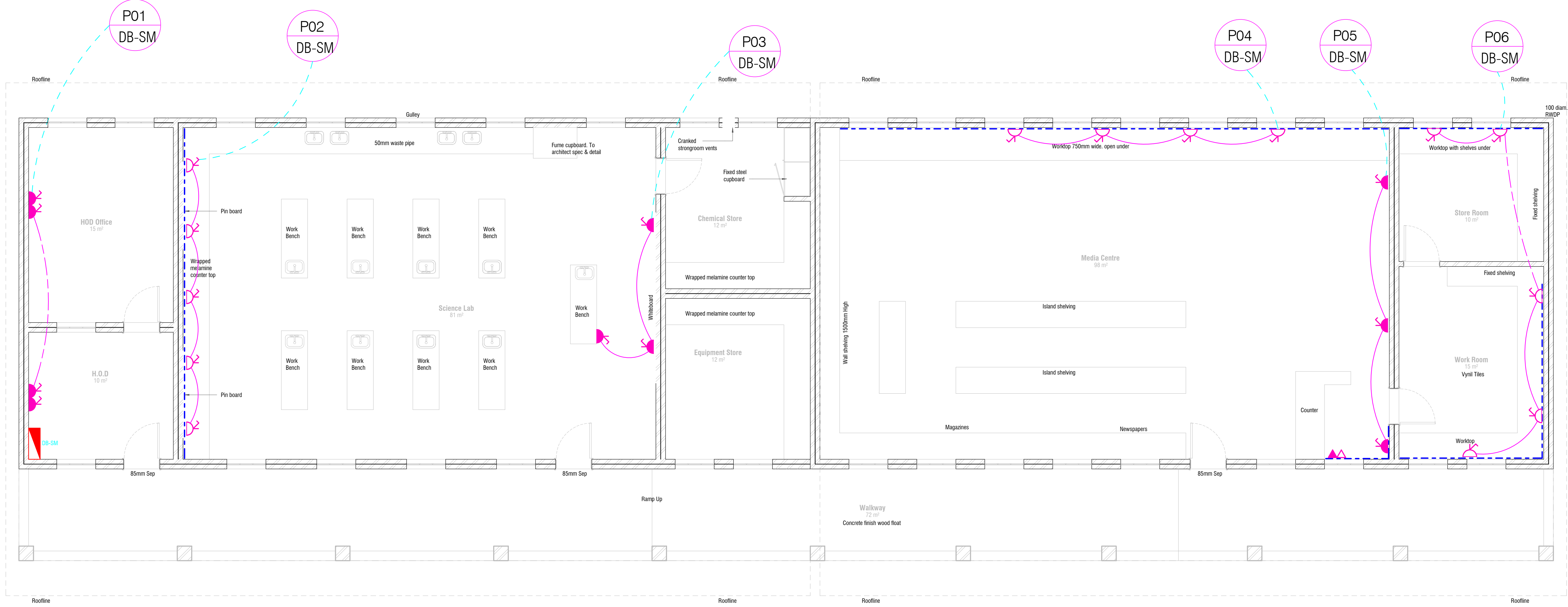


LIGHTING LAYOUT
SCALE: 1 : 50



POWER LAYOUT
SCALE: 1 : 50

SCALE: 1 : 100

Key Plan
SCALE: 1 : 1000

3D View 1
SCALE:

LEGEND		
SYMBOLS	DESCRIPTION	QTY
	Type C - Surface mounted black round Bulkhead luminaire with polycarbonate lens and aluminium base complete with 2PLW lamps (Similar to Lascos S10)	-
	Type E - Wall mounted black round Bulkhead luminaire with polycarbonate lens and aluminium base complete with 2PLW lamps. (Similar to Lascos S10)	10
	Type A - Commercial Open Channel fluorescent luminaire fitted with 2 x 58W tubes and electronic ballast with telescopic holders.	26
	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	13
	16A Double round 3-pin switched socket outlet surface mounted 300mm AFFL	-
	16A Double round 3-pin switched socket outlet surface mounted 1000mm AFFL	-
	Data point	-
	Telephone point	-
	Two compartment power skirting	-
	Distribution board	1
	Photocell	1
	One way switch 1400 AFFL	7
	Two way switch 1400 AFFL	-
	Double pole one way switch 1400 AFFL	-
	Single Phase Isolator	-
	Circuit identification R1 = Ground Number AN = 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.		

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 DISCREPANCIES NOTED TO BE BROUGHT TO THE ARCHITECT'S ATTENTION.

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

ALL RIGHTS RESERVED. NO PART OF THIS DESIGN SHALL BE REPRODUCED, USED ELSEWHERE AND/ OR IN ANY WAY WITHOUT PRIOR PERMISSION FROM THE ARCHITECT/ ENGINEER.

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	2021-01-21	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

Copyright vests in the Department of Education



DISCIPLINE

ELECTRICAL

PROJECT NAME

SEDIKO PRIMARY SCHOOL

EMIS NUMBER:
600101902

PROJECT STATUS

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

DESCRIPTION

SCIENCE LAB; MEDIA; H.O.D
ELECTRICAL LIGHTING AND POWER LAYOUT

SCALE:
1:50

DRAWN:
NAME OF COMPETENT PERSON:
OMPHEMETSE MOLEFE

CHECKED:
NAME OF COMPETENT PERSON:
JOHN MOKOENA

REG No:
SIGNATURE

REG No: 20030038 - ECSA
SIGNATURE

PROJECT NUMBER

RFP 263/2019

DATE: 2021-01-21

OCCUPANCY CLASSIFICATION

A4.4 Primary & Secondary School

REV No: B

SANS 10400 & XA COMPLIANCE		
CONDUTANCE	Rational Des. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Standard Cal <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
SOLAR HEAT GAIN	Rational Des. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Standard Cal <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
GEOGRAPHICAL ZONE		
NBRs COMPLIANCE		
SITE PLAN	Yes <input type="checkbox"/> No <input type="checkbox"/>	
OTHER DRAWINGS	Yes <input type="checkbox"/> No <input type="checkbox"/>	

OTHER APPROVALS		
Environmental Impact Assessment (EIA)	Mark with X Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
South African Heritage Resources Agency (SAHRA)	Mark with X Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
Department of Water and Sanitation (DWS)	Mark with X Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
South African National Roads Agency (SANRAL)	Mark with X Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
Other	Mark with X Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	

WATER SUPPLIER		
MUNICIPALITY	Yes <input type="checkbox"/> No <input type="checkbox"/> MUNICIPALITY NAME	
BOREHOLE	Yes <input type="checkbox"/> No <input type="checkbox"/> WATER USE LICENCE	Not Available
PRESSURE	TBC	BARS
TANKS	Number Total Capacity 1 2000	LITERS
OTHER STORE	Yes <input type="checkbox"/> No <input type="checkbox"/>	

SANITATION/ SEWER		
MUNICIPALITY	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Mathosana	
SEPTIC TANKS	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	CAPACITY
PIT LATRINES	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
OTHER	Yes <input type="checkbox"/> No <input type="checkbox"/> SPECIFY:	

SITE INFORMATION	
ERF No.	15756
COVERAGE	10.9 % (3795 m ²)
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		<input type="checkbox"/>
1		<input type="checkbox"/>
2		<input type="checkbox"/>
3	1	<input type="checkbox"/>
4	2	<input type="checkbox"/>
5	3	<input checked="" type="checkbox"/>
6	4	<input type="checkbox"/>
7		<input type="checkbox"/>
8	5	<input type="checkbox"/>
9	6	<input type="checkbox"/>

PROJECT TEAM				
COMPETENT CONTACT PERSON	CONTACT No.	REGISTRATION No.	COMPANY NAME	
DANNY KALOMBO	+27 79 875 9873	PR.Arch 24740538	MAMADI & COMPANY	
Q. SURVEYOR	HENK DOKTER	+27 82 807 9005	MAMADI & COMPANY	
STRUCT. ENG	THABISO MOTSHEGOA	+27 73 757 8094	MAMADI & COMPANY	
CIVIL ENG	GIVEN MBHOKOTA	+27 83 580 1709	MAMADI & COMPANY	
MECH. ENG	PULE SHEANE	+27 72 172 8396	MAMADI & COMPANY	
ELECT. ENG	JOHN MOKOENA	+27 63 005 5891	MAMADI & COMPANY	
OHS	NATHANIEL MATHAGA	+27 72 947 7939	MAMADI & COMPANY	
CONTRACTOR				