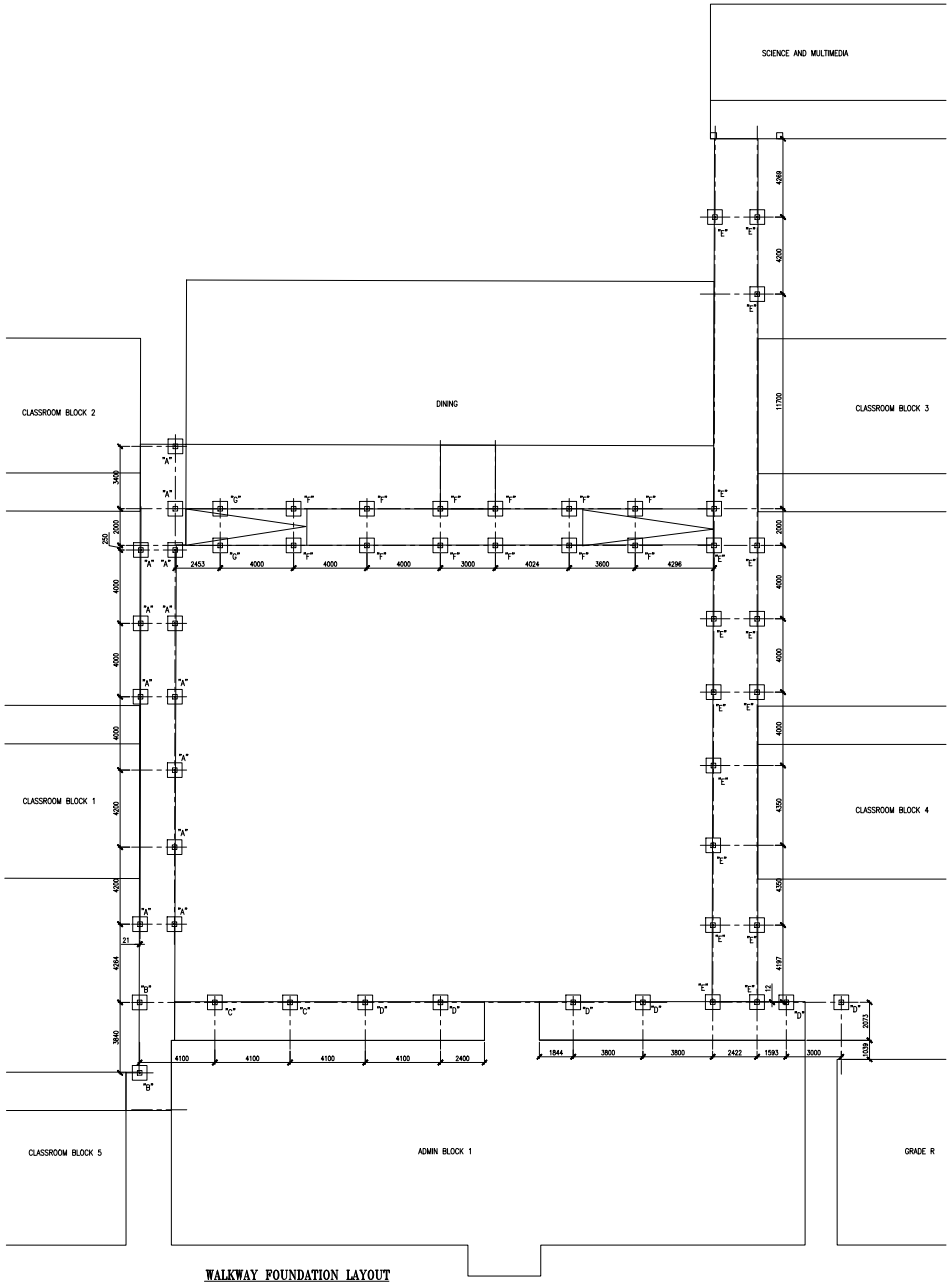
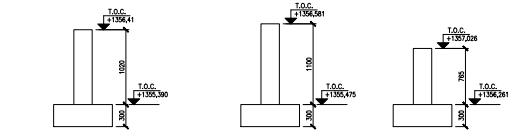


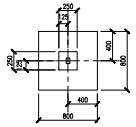
WALKWAY FOUNDATION LAYOUT
SCALE 1:100



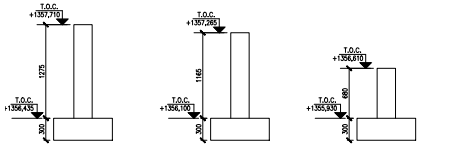
BASE TYPE "A & B" SCALE 1:25 — 14-OFF

BASE TYPE "C" SCALE 1:25 — 2-OFF

BASE TYPE "D" SCALE 1:25 — 6-OFF



TYPICAL PLAN ON BASE
SCALE 1:25



BASE TYPE "E" SCALE 1:25 — 16-OFF

BASE TYPE "F" SCALE 1:25 — 12-OFF

BASE TYPE "G" SCALE 1:25 — 2-OFF

NOTES: GENERAL

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL ARCHITECT'S, ENGINEERS AND SPECIALIST'S DRAWINGS WITH THE RELEVANT SPECIFICATIONS.

   DESIGN MATERIALS USED AND METHOD OF CONSTRUCTION TO BE IN ACCORDANCE WITH SANS 0100, 0137, 0160 – 0164, AS APPLICABLE.

   THIS DRAWING NOT TO BE SCALED.

2. REINFORCED CONCRETE

   THE APPLICABLE STANDARD SPECIFICATION IS SANS 1200 G – 1982.

   CONCRETE COVER TO REINFORCEMENT AND CONCRETE STRENGTH TO BE AS INDICATED BELOW. COVER IS GIVEN TO THE NEAREST FACE. MINIMUM BAR COVER TO BE MAXIMUM OF BAR DIAMETER AND AS SHOWN BELOW. SPECIFIED COVER TO BE MAINTAINED USING CEMENT MORTAR COVER BLOCKS OR APPROVED PLASTIC SPACERS

ELEMENT	CONCRETE STRENGTH AT 28 DAYS (MPa)	COVER mm
FOUNDATIONS	25	40
COLUMNS	–	–
BEAMS	25	25
SLABS	25	25
WALLS	25	30

3. ALL AGGREGATE TO BE 19mm UNLESS OTHERWISE SPECIFIED.
4. CONCRETE DESIGN MIXES TO BE SUBMITTED FOR APPROVAL PRIOR TO CONSTRUCTION.
5. CUBE TESTS TO BE CARRIED OUT ON SITE AND LOGGED WITH POSITION AND DATE BY INDEPENDENT LABORATORY. CUBES TO BE TAKEN FOR EACH TYPE OF ELEMENT, AT LEAST ONE DAILY AND AT LEAST ONE EVERY 50m³.
6. REINFORCEMENT TO BE IN ACCORDANCE WITH SANS 920 AND SHALL BE BENT IN ACCORDANCE WITH SANS 82.
7. ALL CAST IN ITEMS SHALL BE FREE OF OIL, GREASE, DIRT OR ANY OTHER MATERIAL WHICH MAY MARR THE BOND WITH THE CONCRETE. CONTRACTOR TO REFER TO ARCHITECT/SPECIALIST DRAWINGS FOR DETAILS/POSITIONS OF OPENINGS, SLEEVES, CONDUITING, ETC. FOR STORMWATER, SEWERAGE AND OTHER SERVICES.
8. FOUNDATIONS HAVE BEEN DESIGNED FOR AN ALLOWABLE GROUND BEARING CAPACITY OF 150 kPa.
9. ALL FOUNDATION EXCAVATIONS TO BE INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO CONCRETING.
10. REMOVAL OF FORMWORK TO BE IN ACCORDANCE WITH THE PROJECT SPECIFICATION. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR BACK-PROPPING ON MULTI-STOREY SLAB CONSTRUCTION
11. SURFACE BEDS:
    ATTENTION IS DRAWN TO THE USE OF LAPPED, TAPED SLIP-MEMBRANE AND THE CONTRACTOR'S RESPONSIBILITY TO ENSURE ADEQUATE CURING OF THE TOP SURFACE. MESH TO BE LAPPED 400mm. CONTRACTOR TO ENSURE CORRECT TIMING OF SAW CUTS TO AVOID RANDOM CRACKING AND RAVELLING OF JOINT EDGES.

DATUM ±0,000 IS FFL = VARIES

GENERAL NOTES

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS 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.

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	2021-04-19	ISSUED FOR TENDER PURPOSES
B	2021-04-30	ISSUED FOR TENDER PURPOSES

MUNICIPAL APPROVAL

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

STAMPS:

PRINCIPAL AGENT
Mamadi & Company (SA)
No.1 Newtown Avenue, Kilarney, Johannesburg , 2198
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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Noordwes 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
CIVIL/STRUCTURAL

PROJECT NAME
SEDIKO PRIMARY SCHOOL
EMIS NUMBER: 600101902

PROJECT STATUS

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

DESCRIPTION
NEW WALKWAY STRUCTURAL STEEL ROOF COVER FOUNDATION LAYOUT DETAILS

SCALE:
AS SHOWN

DRAWN:
NAME OF COMPETENT PERSON: MOTHOANA MASOOA
REG No: ECSA PR. 20200004 98
SIGNATURE

CHECKED:
NAME OF COMPETENT PERSON: THABISO MOTSHEGOA
REG No: ECSA PR. 201370184
SIGNATURE

PROJECT NUMBER
RFP 263/2019

DATE: 2021-01-15

DWG No: DBSA-JBT-S1-ENG-STR-DWG-011
REV No: B

OCCUPANCY CLASSIFICATION

SANS 10400 & XA COMPLIANCE

	Rational Des. Y / N	Standard Cal. Y / N
CONDUTANCE		
SOLAR HEAT GAIN		
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 / Size / Capacity: 1 / 2000 / LITERS
OTHER STORE			Specify below

SANITATION/ SEWER

	Yes	No	
MUNICIPALITY	☒		MUNICIPALITY NAME: Mathosana
SEPTIC TANKS		☒	CAPACITY:
PIT LATRINES		☒	KL
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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MECH. ENG	PULE SHEANE	+27 72 172 8396	201570022 - ECSA	MAMADI & COMPANY
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OHS	NATHANIEL MATHAGA	+27 72 947 7939	OHS 14000105	MAMADI & COMPANY
CONTRACTOR				