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discipline

ARCHITECTURAL

service

REPLACEMENT OF STRUCTURES BUILT WITH INAPPROPRIATE MATERIALS ON CLUSTER 1 SCHOOLS

district

Motho District Municipality

EMIS number

444712115

project number

RFP 019/2020/FS -

school name

Olympia Primary School

drawing title

Site Development Plan

designed

FM

drawn

FM

checked

FM

date

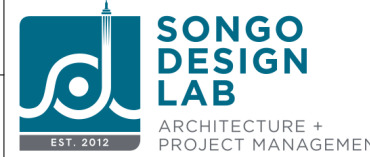
Saturday, 15 October 2022

scale

AS SHOWN

drawing number

21001.07.1



48 Hillcrest Dr, Blue Bend,
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043 748 1880

sheet size

A1

revision

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REPLACEMENT OF INNAPPROPRIATE SCHOOL STRUCTURES - CLUSTER 1 - DBSA

OLYMPIA PRIMARY SCHOOL - MOTHEO

TABLE 1: SUMMARY FOR HUMAN CAPITAL

TABLE 1A: GRADE ENROLLMENT FIGURES FOR 2021

	NUMBER OF PUPILS		
	MALE	FEMALE	TOTAL
GRADE 1	INCL.	INCL.	
GRADE 2	INCL.	INCL.	
GRADE 3	INCL.	INCL.	
GRADE 4	INCL.	INCL.	
GRADE 5	INCL.	INCL.	
GRADE 6	INCL.	INCL.	
GRADE 7	INCL.	INCL.	
GRADE 8	INCL.	INCL.	
GRADE 9	INCL.	INCL.	
GRADE 10	INCL.	INCL.	
GRADE 11	INCL.	INCL.	
GRADE 12	INCL.	INCL.	
	713	723	1436
NUMBER OF EDUCATORS			
	MALE	FEMALE	TOTAL
	INCL.	INCL.	39

TABLE 2: SUMMARY FOR SCOPE OF WORKS

TABLE 2A: DEMOLITION WORKS

DESCRIPTION	AREA	QUANTITIES	BLOCKS
1 Support Structures	Area of Block	No. of Rooms	
1.1 Delapidated Administration	346m ²	TBC	1
1.2 -			
Total for Support Structures	346m ²	0	1
2 Classrooms	Area of Block	No. of Classrooms	
2.1 Asbestos 4 Class Block + Kitch.	332m ²	4	1
2.2 Asbestos 2 Class Block	111m ²	2	1
2.3 Delap. 11 Class. Block + LAB	429m ²	11	1
2.4 Delap. 19 Class. Block + LIB	618m ²	19	1
2.5 -			
Total for Classrooms	1489m ²	36	4
3 Toilets	Area of Block	No. of Cubicles	
3.1 Delapidated Ablution (F)	128m ²	24	1
3.2 Delapidated Ablution (M)	119m ²	16	1
3.3 -			
Total for Toilets	248m ²	40	2
4 Any Other Building	Area of Block	No. of Rooms	
4.1 -			
Total for Other Structures	m ²	0	0
5 Site Improvements	Length	Area	
5.1 -			
Total for Site	m	m ²	0
TOTAL FOR DEMOLITIONS	m	2083m ²	14
TOTAL FOR ASBESTOS	m	788m ²	27

TABLE 2B: RENOVATION/REFURBISHMENT WORKS

DESCRIPTION	AREA	QUANTITIES	BLOCKS
1 Support Structures	Area of Block	No. of Rooms	
1.1 -			
Total for Support Structures	m ²	0	0
2 Classrooms	Area of Block	No. of Classrooms	
2.1 -			
Total for Classrooms	m ²	0	0
3 Toilets	Area of Block	No. of Cubicles	
3.1 -			
Total for Toilets	m ²	0	0
4 Any Other Building	Area of Block	No. of Rooms	
4.1 -			
Total for Other Structures	m ²	0	0
5 Site Improvements	Length	Area	
5.1 -			
Total for Site	m	m ²	0
TOTAL FOR RENOVATIONS	m	m ²	0

TABLE 2C: NEW WORKS

FORM OF CONSTRUCTION

Conventional Brick & Mortar

DESCRIPTION	AREA	QUANTITIES	BLOCKS
1 Support Structures	Area of Block	No. of Rooms	
1.1 ADM	391m ²	16	1
1.2 DNC	268m ²	8	1
1.3 LAB-1	292m ²	6	1
1.5 MED-1	428m ²	7	1
Total for Support Structures	1379m ²	37	4
2A Classrooms	Area of Block	No. of Classrooms	
2.1 CL-3	1180m ²	12	4
2.2 CL-2	955m ²	10	5
2.3 CL-2+HOD-1	452m ²	4	2
2.4 CL-2+HOD+F.ABL-1	544m ²	4	2
2.5 CL-2+HOD+M.ABL-2	544m ²	4	2
2.6 CR-CL-1	231m ²	2	1
2.7 -			
Total for Classrooms	3906m ²	36	16
3 Toilets	Area of Block	No. of Cubicles	
3.1 ADM	INCL.	7	INCL.
3.2 CL-2+HOD+F.ABL-1	INCL.	10	INCL.
3.3 CL-2+HOD+M.ABL-2	INCL.	14	INCL.
3.4 SEC-W	INCL.	1	INCL.
3.5 -			
Total for Toilets	m ²	32	0
4 Any Other Building	Area of Block	No. of Rooms	
4.1 TS	156m ²	3	1
4.2 SEC-W	11m ²	2	1
4.3 -			
Total for Other Structures	167m ²	5	2
5 Site Improvements	Length	Area	
5.1 Assembly Slab		1070m ²	
5.2 Parking Area		1035m ²	
5.3 Covered Walkways		840m ²	
5.4 Netball Court		630m ²	
5.5 Fence (Grade R)	120m		
5.6 Drinking Fountains			4
Total for Site	120m	3575m ²	4
TOTAL FOR NEW WORKS	120m	9026m ²	26

TABLE 2D: CLASSROOMS SUMMARY

TOTAL NUMBER FOR ALL CURRENTLY PROVIDED CLASSROOMS IN THIS SCHOOL

CLASSROOMS	TOTAL
Existing Asbestos Classrooms (demolish)	6
Existing Classrooms (demolish)	30
Existing Classrooms (unchanged)	3
Renovated/Refurbished Classrooms	0
Newly Provided Classrooms	36
GRAND TOTAL FOR ALL CLASSROOMS	39



W-07 Site Development Plan 1:500

SITE LEGEND	
	EXISTING ESKOM LINE
	EXISTING WATER TAP
	EXISTING WATER LINE
	EXISTING STORM WATER LINE
	EXISTING SEWER MANHOLE
	EXISTING SEWER LINE
	EXISTING RAINWATER TANK
	EXISTING TREES
	EXISTING TREES TO BE REMOVED
	EXISTING BUILDINGS TO REMAIN
	EXISTING WALKWAYS/CONC./PAVED AREAS
	EXISTING STRUCTURES TO BE DEMOLISHED
	SITE BOUNDARY
	EXISTING FENCE
	SURVEY BENCHMARK
	NEW DRINKING FOUNTAIN
	NEW BUILDING STRUCTURES
	NEW CONCRETE & COVERED WALKWAYS
	NEW GRASSED AREA

NEW SERVICES LEGEND	
	ELECTRICAL RETICULATION
	WATER RETICULATION
	FIRE RETICULATION
	SEWER
	SUB-SOIL DRAINAGE
	STORMWATER CHANNELS
	DECANTING CLASSROOMS
	PROPOSED FLAGPOLE POSITION
AREAS	
TOTAL SITE AREA:	3.04 ha
TOTAL WALKWAY AREA CALCULATION	
PARKING AREA:	1 035m ²
COVERED WALKWAY:	840m ²
ASSEMBLY AREA:	1 070m ²
NETBALL COURT AREA:	630m ²
TOTAL CONCRETE WORKS:	3 575m ²

LOCALITY PLAN

