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16 February 2012

## **Proposal and Motivation for Infrastructure Upgrading at Sediba-thuto Primary School**

### **Introduction:**

District: Johannesburg South  
School: Sediba-Thuto primary school  
School Type: Primary  
Residential Area: Soweto  
Town / City: Johannesburg  
Municipality: Johannesburg



The intention of this report is to review the school's current state and determine the need for upgrading, especially with relevance to ablutions.

### **Review of School and Current Structures:**

#### **General:**

- in 2012 there are 254 pupils in total
- of these 130 are girls and 124 boys. There are 31 grade R students
- the following facilities do not exist: a separate assembly hall, kitchen and ablutions for the Grade R classes
- the number of ablution facilities are insufficient and in disrepair and need maintenance

#### **Existing Buildings and ablution facilities (refer to attached photos)**

- 1 no separate Grade R classroom facilities and ablutions
- Roof gutters in disrepair
- Electrical outages are experienced from time to time, might have insufficient load
- Sewer problems with regular blockages
- The site is reasonably flat; therefore the fall of existing and new sewer lines needs to be considered
- No gutters to existing buildings
- No ceilings
- No windows
- Sanitary fittings in very bad condition

Directors: Richardt Venter Martie Human Cornus Strydom



VENTER HUMAN + STRYDOM ARCHITECTS (PTY) LTD

Proposed new building and infrastructure

- Ablution to be added to existing provision as per attached table.
- New abluion facility to be built next to existing, in order to ease servicing.
- Building grade R ablutions close to existing grade R classroom is impractical, due to serviceability of new ablutions, as well the distance to connections.
- Storm water a general problem on site, specifically around the existing abluion facilities, due to the fact that it is located on the lowest point of the site, and all storm water gathers at this point.







Soma St

Tawane St

Tlaaka St

Lekoka St

Motshajane St

Leruka St

Khatlele St

Segolela St

Seremi St

Phala St

Maboa St

Fanie St

Sekoath St

Sedibathuto Primary School

**SAHA**  
ARCHIVE FOR JUSTICE

Google earth

© 2012 DigitalGlobe  
Image © 2012 DigitalGlobe

NOTE: Please note that this site plan is an approximate drawing of on-site conditions, and do not constitute a survey. The purpose of the drawing is purely a high level assessment. The latter applicable specifically to building positions, sizes as well as an estimation of services positions and connection points.

\* ALL DIMENSIONS TO BE CHECKED ON SITE BEFORE ANY WORK  
 IS PUT IN PLACE  
 \* ALLE DIMENSIES MOET OP TERSIG NAGEKORDE WORDEN AL VORDE WERK BEGINT  
 \* COPYRIGHT RESERVED TOPIEDER VOORBEHOUD  
 \* ALLE REKKE TOEGANGS REKKE WATERSKAP  
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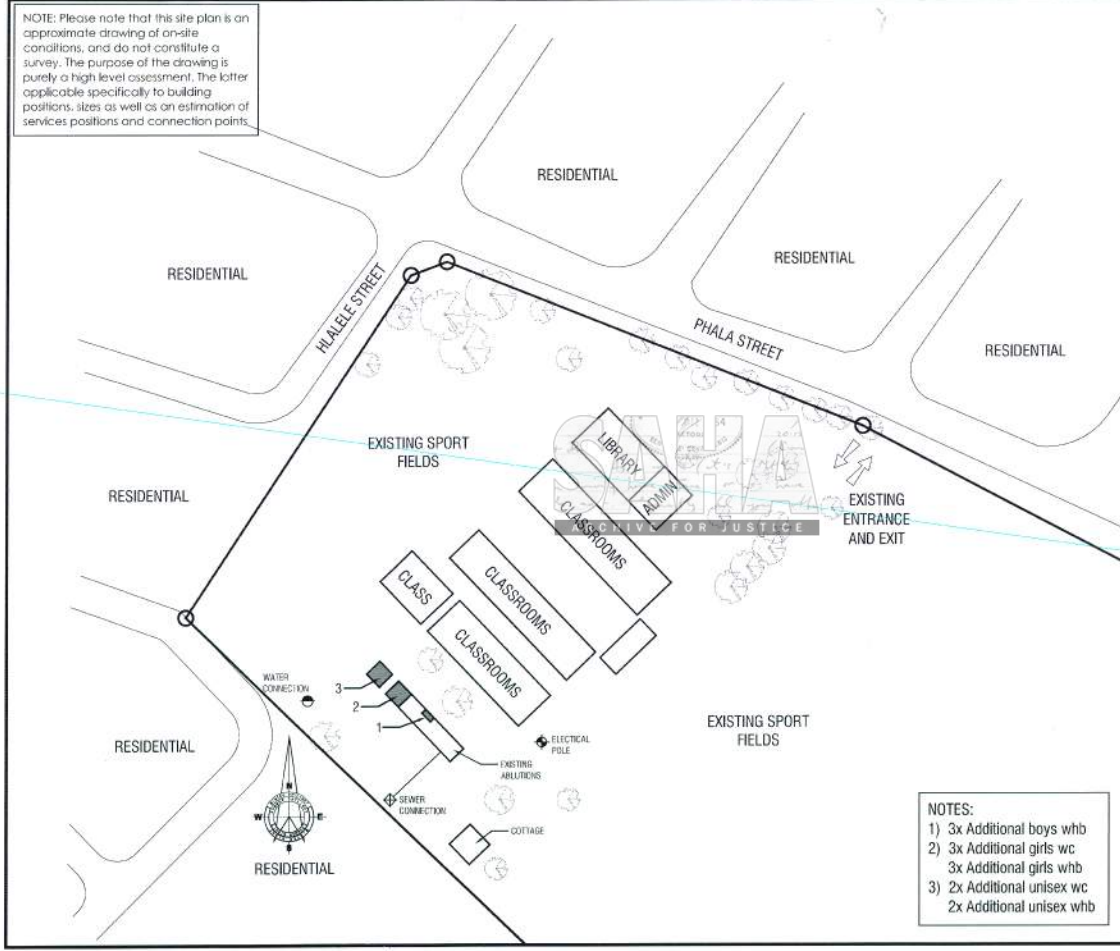
**GBCSA**  
 MEMBER  
 ORGANISATION

PROJECT: PROPOSED SCHOOL INFRASTRUCTURE DEVELOPMENT FOR  
**DID & IDT TSHWANE SEDIBATHUTO PRIMARY SCHOOL**

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DRAWING TITLE:  
**SITE PLAN**  
 SCALE 1:750

DRAWING NUMBER:	12/004-34-000	REVISION:	0
DRAWN BY:	G.B.	DATE:	12/02/2012
CHECKED BY:		CHECKED:	
DRAWING STATUS:	Info only	Tender	For construct.



- NOTES:
- 1) 3x Additional boys whb
  - 2) 3x Additional girls wc
  - 3) 3x Additional girls whb
  - 3) 2x Additional unisex wc
  - 2x Additional unisex whb







SEDIBA-THUTO PRIMARY Existing										
	Male						Female			
	WC		U	WHB		WC		WHB		
Children Grade 1-12	6		5	2		6		2		
Conditions	Keep	Demolish	Keep	Demolish	Keep	Demolish	Keep	Demolish	Keep	Demolish
Children Grade R	0		0	0		0		0		
Conditions	Keep	Demolish	Keep	Demolish	Keep	Demolish	Keep	Demolish	Keep	Demolish
Staff	1			1		1		1		
Conditions	Keep	Demolish	Keep	Demolish	Keep	Demolish	Keep	Demolish	Keep	Demolish
	X		X		X		X		X	

Required by NBR					
	Male			Female	
	WC	U	WHB	WC	WHB
Children Grade 1-12	3	6	5	9	5
Children Grade R	1	1	1	2	1
Staff	1	0	1	1	1

Existing Surplus					
	Male			Female	
	WC	U	WHB	WC	WHB
Children Grade 1-12	3	-1	-3	-3	-3
Children Grade R	-1	0	-1	-1	-1
Staff	0	0	0	0	0

Number to be Demolished					
	Male			Female	
	WC	U	WHB	WC	WHB
Children Grade 1-12	6	5	2	6	2
Children Grade R	0	0	0	0	0
Staff	1	0	1	1	1

Additional to be Provided					
	Male			Female	
	WC	U	WHB	WC	WHB
Children Grade 1-12	0	1	3	3	3
Children Grade R	1	0	1	1	1
Staff	0	0	0	0	0

one separate disabled ablution to be provided







EXISTING AS BLOOK



NO GUTTER ETC. FRONT WALL TO BE MOVED FORWARD TO INCREASE DEPTH OF BUILDING

SATA ARCHIVE FOR JUSTICE



TOILET, SINK, AND SHOWER

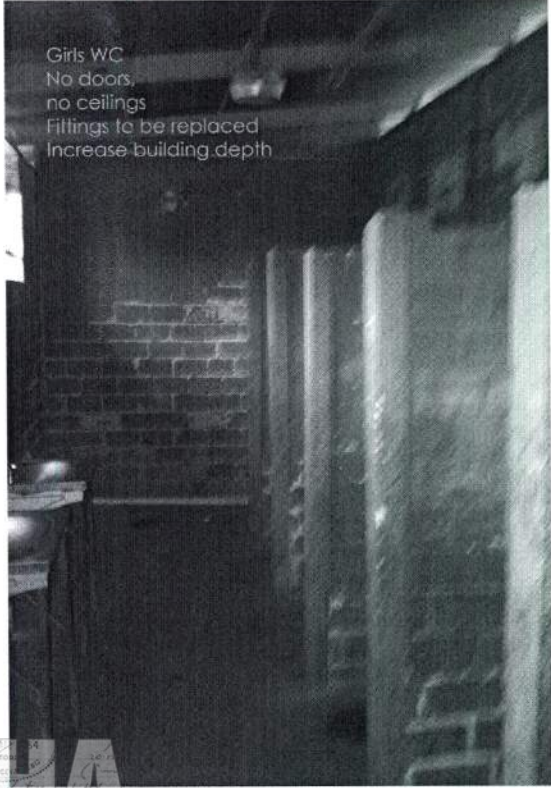


TOILET





No window  
and white



Girls WC  
No doors,  
no ceilings  
Fillings to be replaced  
Increase building depth



Storm water problem in front of  
buildings to be dealt with





**FOR DEPARTMENT OF EDUCATION**

**SCHOOLS**

**SITE EVALUATION REPORT - ADDENDUM A**

SCHOOL NAME	SEDIBA-THUTO PRIMARY SCHOOL
REGION	SOWETO
PROJECT NO.	

**REPORT PREPARED BY**

DATE OF EVALUATION	09-Feb-12
PERSON RESP.	VH+S Architects (Richard Venter)
ADDRESS	11 Greenway Road, Greenside, 2193
TELEPHONE NO.	011 646 6228
FAX NUMBER	011 646 6549
eMAIL	<a href="mailto:info@vhsarchitects.co.za">info@vhsarchitects.co.za</a>
COMPLETED	16-Feb-12

**RAPID INFRASTRUCTURE DELIVERY PROGRAMME  
SITE EVALUATION REPORT**

SCHOOL NAME AND CONTACT DETAILS					
DISTRICT MUNICIPALITY	Soweto		LOCAL MUNICIPALITY	Soweto	
SCHOOL NAME	Sediba -Thuto Primary School		WARD NAME	WARD NO:	
SCHOOL PRINCIPAL			TEL NO	011 980 7893	
DISTRICT CO-ORDINATOR			TEL NO		
PRINCIPAL AGENT			TEL NO		
NAME OF EVALUATOR			TEL NO		
ARCHITECT	VH+S Architects		TEL NO	011 646 6228	
NAME OF EVALUATOR	Richardt Venter		TEL NO		
GENERAL SCHOOL INFORMATION					
NO OF PUPILS 2012	254	BOYS 2012	124	GIRLS 2012	130
GRADE "R" PUPILS 2012	28	GRADE "R" BOYS 2012	11	GRADE "R" GIRLS 2012	17
NO OF PUPILS 2010		BOYS 2010		GIRLS 2010	
STAFF		MALE		FEMALE	
GRADE 12 RESULTS (HIGH SCHOOL ONLY)					
NO OF PUPILS 2008		NO PASSED 2008		EXEMPTIONS NO 08	
NO OF PUPILS 2009		NO PASSED 2009		EXEMPTIONS NO 09	
ENROLMENT PER SUBJECT					
XHOSA		GEOGRAPHY HG			
ENGLISH		GEOGRAPHY SG			
AFRIKAANS		TECH DRAW HG			
MATHEMATICS HG		TECH DRAW SG			
MATHEMATICS SG		WOODWORK SG			
SCIENCE HG		METALWORK SG			
SCIENCE SG		HOME ECO HG			
BIOLOGY HG		HOME ECO SG			
BIOLOGY SG		TYPING SG			
HISTORY HG		BUS ECONOMIC HG			
HISTORY SG		BUS ECONOMIC SG			
AGRICULTURE HG		ACCOUNT HG			
AGRICULTURE SG		ACCOUNT SG			
SOCIAL SCIENCE		ARTS & CULTURE			
EMS		LIFE ORIENTATION			
TECHNOLOGY		NATURAL SCIENCE			

List additional subjects as required



## SCHOOL LOCALITY

Please sketch a locality plan on A4 Sheet from nearest town

<b>PLEASE INDICATE WHETHER THE POSITION SHOWN ON THE MAP PROVIDED IS CORRECT</b>				
CO-ORDINATES:	LATITUDE	-26.2723	LONGITUDE	27.8452
INDICATE THE ROAD FROM THE NEAREST TOWN TO THE SCHOOL ON THE MAP				
NAME OF TOWN/VILLAGE	Mapetla	ALTERNATIVE NAME (if applicable)		
DISTANCE FROM SITE IN KM		CONDITION OF ROAD	good - tarred	
WILL THE ROAD BE TRAFFICABLE WHEN WET?	yes			
IS THE SITE SUITED TO CONVENTIONAL CONSTRUCTION (i.e. can building materials be delivered to site?) OR SHOULD ALTERNATIVE MATERIALS PREFERABLY BE USED?				
		conventional and/or alternative		
WILL THE PROPOSED BUILDINGS BE ON THE SAME SITE AS THE EXISTING SCHOOL OR ON A NEW SITE?				
EXISTING SITE	x	NEW SITE		
IF NEW SITE, DOES THE DEPARTMENT OF EDUCATION OWN THE PROPOSED SITE?				
YES	x	NO		
IF NOT, PLEASE STATE WHO THE OWNER IS AND WHAT STEPS ARE BEING TAKEN TO ACQUIRE THE SITE?				
PLEASE STATE DEPARTMENT OF EDUCATION EMIS NUMBER (IF APPLICABLE)				
IS THERE A LOCAL MATERIAL SUPPLIER IN THE VICINITY, WHICH SHOULD BE TAKEN INTO ACCOUNT WHEN DETERMINING THE TYPE OF CONSTRUCTION TO BE EMPLOYED? IF SO, PLEASE STATE THE TYPE OF MATERIAL (e.g. Concrete block maker, brick yard, timber mill, etc)				
yes, local suppliers and labour to be utilized				

DISTANCE TO COAST	
APPROXIMATE KILOMETRES (straight line)	500km

### RESERVATION CERTIFICATE

#### QUESTIONS:

ARE THE FOLLOWING SKILLS AVAILABLE IN THE COMMUNITY : BRICKLAYERS		yes	CARPENTERS	yes	
ELECTRICIANS	yes	PAINTERS	yes	PLUMBERS	yes
ARE THERE FET COLLEGE STUDENTS IN THE VILLAGE		likely	WHAT TRADES?		
N2 MINIMUM IN BRICKLAYING:	CARPENTRY		PLUMBING		
PAINTERS	N4 MIN. ELECTRICAL				
CHECK IF THERE ARE ANY RIVERS, DAMS CLOSE TO THE SITE			ENVIRONMENTAL PROBLEMS:		

## SCHOOL TOPOGRAPHY AND LAYOUT

Please draw an A4 sketch of the site and indicate the position of existing buildings, toilets, playing fields, etc.

Please include 4 typical photographs of the terrain, including sports fields if any.

<b>IS THE SITE LEVEL OR SLOPING?</b>	<b>LEVEL</b>	x	<b>SLOPING</b>	
<b>ESTIMATED ORDER OF SLOPE:</b>				
<2%	2% - 5%		>5%	
<b>IS THE PRESENCE OF ROCK INDICATED</b>				
<b>IF SO, AT WHAT DEPTH?</b>	unkown, not visible			
<b>CAN EXCAVATION TO A DEPTH OF 1.5m BE DONE BY HAND, OR WILL MECHANICAL EQUIPMENT BE REQUIRED?</b>				
most probably yes				
<b>GIVEN THE EXTENT OF THE NEW BUILDINGS AND THE APPARENT FOUNDING CONDITIONS, RECOMMEND IF A FORMAL SOIL INVESTIGATION</b>				
<b>BE CARRIED OUT (GEOTECHNICAL REPORT)?</b>	YES	x	NO	
NB - Dolomitic conditions expected				
IF SO THIS MUST BE ARRANGED TIMEOUSLY SO THAT SPECIAL FOUNDATION DESIGNS CAN BE FINALISED BEFORE CALLING TENDERS.				
INDICATE THE PROPOSED POSITION OF THE ADDITIONAL BUILDINGS ON THE SKETCH. (ARCHITECT)				
<b>WITH WHOM WAS THIS DISCUSSED?</b>	Architect indicated on site plan - not discussed with school as yet			
<b>ARE THEY SATISFIED WITH THE PROPOSED POSITION?</b>	YES		NO	
<b>IS THERE AN EXISTING LEVEL SPORTS FIELD?</b>	YES		NO	
<b>CONDITION (LEVEL/GRASSED)</b>		<b>ESTIMATED SIZE</b>		
<b>IF NOT, IS THE SITE SUITABLE FOR THE CREATION OF LEVEL PLATFORM FOR A PLAYING FIELD OF AT LEAST 120m x 75m?</b>				
YES		NO		
<b>IF NOT, WHAT SIZE IS FEASIBLE? ESTIMATED DIMENSIONS</b>				
<b>HOW MUCH EARTHWORKS WOULD THIS INVOLVE?</b>				
EXTENSIVE		FAIR		MINIMAL
PLEASE INDICATE POSITION OF POSSIBLE PLAYING FIELD ON THE LAYOUT SKETCH OF THE GROUNDS				
<b>TREES TO BE REMOVED</b>	<b>TYPE OF TREE</b>	<b>GIRTH</b>	<b>TREE OR STUMP?</b>	<b>QUANTITY</b>
GROUP 1				
GROUP 2				
GROUP 3				
GROUP 4				
GROUP 5				

## EXISTING BUILDINGS

Please include 2 photographs of typical buildings, e.g. classrooms blocks, offices, toilets, etc. Photographs of classroom blocks should be taken from the verandah side, and photographs of the inside of a classroom should also be included. Photographs of toilets should give an indication of their condition.

PLEASE COMPLETE THE TABLE BELOW:

FACILITY	NO OF ROOMS	CONDITION
CLASSROOMS (PERMANENT)		
CLASSROOMS (TEMPORARY)		
STAFF ROOM		
OFFICE/STORE		
LIBRARIES		
LABORATORIES		
HALLS		
EDUCATOR'S ABLUTIONS BLOCKS		
LEARNERS ABLUTION BLOCKS		
MECRAFT CENTRES		
OTHER		

### FURNITURE ASSESSMENT (Comment) TOTALS

CONDITION	SUFFICIENT	OTHER

### TOILETS - TYPE OF TOILETS

refer to detail table attached to assessment.

FLUSH	SUFFICIENT	OTHER	SUFFICIENT	OTHER
CONDITIONS/QUANTITY	GOOD	REASONABLE	BAD	TOTAL
GIRLS TOILETS				
BOYS TOILETS				
STAFF TOILETS				
WC SUFFICIENT	YES	NO	IF NO, ADD NUMBER REQUIRED	
GIRLS TOILETS				
BOYS TOILETS				
STAFF TOILETS - FEMALE				
STAFF TOILETS - MALE				
GRADE 'R' TOILETS				

### 5. ENGINEERING SERVICES

IS THE SCHOOL ALREADY CONNECTED TO ANY OF THE FOLLOWING SERVICES?

WATER	SEWERAGE	ELECTRICITY
yes	yes	yes

IF NOT ALREADY CONNECTED, PLEASE INDICATE WHICH OF THE FOLLOWING RETICULATED SERVICES ARE AVAILABLE:

SERVICE	AVAILABLE		DISTANCE TO NEAREST POINT OF SUPPLY (m)	DETAILS OF SUPPLY (Pipe size, etc)
	YES	NO		
WATER	x		10m	



SEWERAGE	x		10m	
ELECTRICITY	x		20m	
IMPLICATIONS OF CONNECTING TO SERVICES, IF ANY		reasonably flat site, thus depth of sewer to be considered		

IF RETICULATED WATER IS NOT AVAILABLE:



EXISTING BUILDINGS (CONTINUED)					
ARE THERE RAINWATER TANKS?		YES		NO	x
HOW MANY?					
IS THERE SUFFICIENT WATER ON SITE FOR BUILDING	YES		x	NO	
IF NOT, WHERE IS THE NEAREST SOURCE OF WATER?					
FUNCTIONAL?					

FENCING

IS THE SITE FENCED?	YES		x	NO	
TYPE AND HEIGHT OF FENCING					
CONDITION OF FENCING					
GOOD		REASONABLE	x	BAD	
LENGTH OF FENCING TO BE REMOVED					
LENGTH OF FENCING REQUIRED					



**CONDITION OF EXISTING BUILDINGS (BLOCK SPESIFIC)**

**NOTE A ASSESMENT SHOULD BE MADE PER BUILDING AND NOT A GENERAL ASSESMENT**

**ROOF COVER**

CORRUGATED IRON	YES	x	NO	
ASBESTOS	YES		NO	
CLASSROOM BLOCK CONDITION	GOOD		REASONABLE	x
BAD	VERY BAD		PURLINS	

**ROOF TRUSSES - CONDITION**

GOOD	REASONABLE	x	BAD	
GUMPOLES	GOOD BUT LOOSE AND NOT BOLTED			

**GUTTERS, FASCIAS AND DOWNPIPES**

	GOOD	REASONABLE	BAD	NONE
GUTTERS				x
FASCIAS				x
BARGE BOARD				x
DOWNPIPES				x

**WALLS**

NO STRUCTURAL CRACKS	YES		NO	x
STRUCTURAL CRACKS IN SOME BLOCKS	YES	x	NO	
MUD BRICKS	YES		NO	x
NO STRUCTURAL CRACKS	YES		NO	x

ARCHIVE FOR JUSTICE

EXTERNAL FINISH	GOOD	REASONABLE	BAD
FACEBRICK	x		
PAINT			
PLASTER ON GABLE ENDS			

INTERNAL FINISH	GOOD	REASONABLE	BAD
FACEBRICK		x	
PAINT			x
PLASTER ON GABLE ENDS			x



**CONDITION OF EXISTING BUILDINGS (BLOCK SPESIFIC)**

**NOTE A ASSESSMENT SHOULD BE MADE PER BUILDING AND NOT A GENERAL ASSESSMENT**

**FLOORS**

GOOD		CONCRETE		SCREED - BAD	
DUNG SMEARED FLOORS		NO VINYL TILES			

**STOEPS**

CONCRETE		NO CONCRETE		GOOD	
BAD	x	SCREED - BAD			

**CEILINGS**

GOOD		REASONABLE		BAD	
NONE	x				

**WINDOWS**

STEEL WINDOWS		GOOD	REASONABLE	BAD	NONE
GLASS				x	x
PAINT				x	x

**FITTINGS**


FIXED TEACHER CUPBOARD		GOOD	REASONABLE	BAD	NONE
PINNING BOARD					
FOLDING DOOR					
BEAM FOR FOLDING DOOR					
CHAIR RAIL					
WRITING BOARD					

**WATER TANKS**

GOOD		REASONABLE		BAD	
QUANTITY					

**SITE WORKS**

* DISABLED RAMP REQUIRED		Yes	NO
STORMWATER PROBLEMS AT STOEP SITE		x	
STORMWATER PROBLEMS AT ONE SIDE CLASSROOM BLOCK		x	

<b>DEMOLISHING</b>				
SHOULD AN EXISTING BUILDING BE DEMOLISHED	YES	<input checked="" type="checkbox"/>	NO	
IF YES, INDICATE WITH DESCRIPTIONS AND PHOTOGRAPHS AS PER THE FOLLOWING:				
SIZE OF STRUCTURE: (LENGTH X WIDTH X HEIGHT) <span style="float: right; font-size: small;">front wall of existing ablution in order to create more space inside</span>				
PHOTOGRAPH OUTSIDE	YES	<input checked="" type="checkbox"/>	NO	
PHOTOGRAPH INSIDE	YES	<input checked="" type="checkbox"/>	NO	
INDICATE TYPE OF STRUCTURE ( ie. 3 CLASSROOM BLOCK, RONDAVEL, TOILET BLOCK)				
DESCRIBE IN DETAIL THE BUILDING (SEE EXAMPLES IN ADDENDUM 'A' ATTACHED)				
SHOULD AN EXISTING BUILDING BE DEMOLISHED	YES	<input type="checkbox"/>	NO	
IF YES, INDICATE WITH DESCRIPTIONS AND PHOTOGRAPHS AS PER THE FOLLOWING:				
SIZE OF STRUCTURE: (LENGTH X WIDTH X HEIGHT)				
PHOTOGRAPH OUTSIDE	YES	<input type="checkbox"/>	NO	
PHOTOGRAPH INSIDE	YES	<input type="checkbox"/>	NO	
INDICATE TYPE OF STRUCTURE ( ie. 3 CLASSROOM BLOCK, RONDAVEL, TOILET BLOCK)				
DESCRIBE IN DETAIL THE BUILDING (SEE EXAMPLES IN ADDENDUM 'A' ATTACHED)				
				
SHOULD AN EXISTING BUILDING BE DEMOLISHED	YES	<input type="checkbox"/>	NO	
IF YES, INDICATE WITH DESCRIPTIONS AND PHOTOGRAPHS AS PER THE FOLLOWING:				
SIZE OF STRUCTURE: (LENGTH X WIDTH X HEIGHT)				
PHOTOGRAPH OUTSIDE	YES	<input type="checkbox"/>	NO	
PHOTOGRAPH INSIDE	YES	<input type="checkbox"/>	NO	
INDICATE TYPE OF STRUCTURE ( ie. 3 CLASSROOM BLOCK, RONDAVEL, TOILET BLOCK)				
DESCRIBE IN DETAIL THE BUILDING (SEE EXAMPLES IN ADDENDUM 'A' ATTACHED)				

## ELECTRICAL SUPPLY

### ELECTRICAL SUPPLY

ANY ELECTRICAL SUPPLY CLOSE TO SCHOOL	YES	x	NO	
IF YES, INDICATE DISTANCE FROM THE PROPOSED SITE		20m		
IS IT POSSIBLE TO CONNECT TO CLOSEST SOURCE OF ELECTRICAL POWER		yes		
WILL THE CLOSEST SOURCE HAVE THE CAPACITY TO SUPPLY POWER		yes		
WHEN CAN THE SCHOOL BE ELECTRIFIED				
WILL ALTERNATIVE ENERGY SOURCE HAVE TO BE USED		no		

## GENERAL INFORMATION

PLEASE MAKE A FIRST ORDER ESTIMATE OF THE COST OF RESTORING THE EXISTING CLASSROOMS TO A SIMILAR STANDARD AS THAT OF NEW CLASSROOMS (IF DONE AS PART OF CONTRACT FOR NEW BUILDINGS)

NO OF CLASSROOMS THAT CAN FEASIBLY BE RESTORED/RENOVATED	
ESTIMATED COST OF RESTORATION/RENOVATION EXCLUDING VAT AND PROFESSIONAL FEES	
ESTIMATED COST OF RESTORATION/RENOVATION INCLUDING VAT AND PROFESSIONAL FEES	

This section is to be done in conjunction with the cost estimate to be enclosed

### GENERAL

IS THERE ANY REASON WHY CONSTRUCTION MAY BE DELAYED (access, site ownership) OR CAN IMPLEMENTATION BEGIN IMMEDIATELY

Geotechnical survey - dolomitic conditions expected/Sg Diagrams/ "As built" required/Road closure for access to sports fields should be considered

Alternative sewer solutions should be investigated - current septic tanks require maximal maintenance.

ANY OTHER SIMILAR SCHOOL WITHIN 5km RADIUS

ANY OTHER AMENITIES

Nelson Mandela Community Center is a neighbour

ANY OTHER COMMENTS

### COMMUNITY PROFILE

APPROXIMATE NO OF RESIDENTS

SOURCE OF LIVELIHOOD Approximate %

Farming

Local industries (within 5km)

Civil Service

Migrant work

Unemployed

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**SITE PLAN INFORMATION REQUIRED**

The following information must be indicated on the site plan to be included with this report:

North Direction to be indicated	Done	x
Existing fence line with distances to be indicated	Done	x
New fence line with distances to be indicated	Done	
Total length of site boundary to be indicated	Done	
Existing buildings to be shown	Done	x
Overhead lines to be indicated	Done	
Cellphone towers (if any) to be indicated	Done	
Position of new buildings to be indicated	Done	x
Access road to be indicated	Done	x
Attendance register of site evaluation to be provided	Done	
Contour lines to be indicated (1m intervals)	Done	
Prevailing winds to be indicated	Done	
Neighbouring erven and usage	Done	
Building lines if any	Done	
Vegetation and site features	Done	X
Preferred scale is 1:500	Done	
Location of the site in X/Y coordinates in WGS 84	Done	X
Where required, extent of earthworks to form platforms must be indicated	Done	
Master plan	Done	x

**ESTIMATED COST**

To be enclosed

**ATTENDANCE REGISTER**

To be enclosed