



VENTER HUMAN + STRYDOM ARCHITECTS (Pty) Ltd

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17 February 2012

## **Proposal and Motivation for Infrastructure Upgrading at Reutlwile Primary School**

### **Introduction:**

District: Johannesburg South  
School: Reutlwile 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 436 pupils in total
- of these 211 are girls and 225 boys.
- the following facilities do not exist: a separate assembly hall & kitchen
- the number of ablution facilities are insufficient and in disrepair and need maintenance
- We recommend that the entire ablution facility be demolished and re-built, due to the state of the existing structure, as well as the minimal depth of the existing building, which makes it difficult to enclose the cubicles.

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

- Although existing building was recently repainted and fairly new fittings, it is too shallow a building to enclose toilets with doors, and we recommend demolition and rebuilt.
- 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 reasonable condition, though building not.

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 ablution 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 ablution facilities, due to the fact that it is located on the lowest point of the site, and all storm water gathers at this point.







Google earth

**S.A.H.A.**  
FOR JUSTICE  
Redlilwe Junior Secondary School

Molele St

Masane St

Thaba St

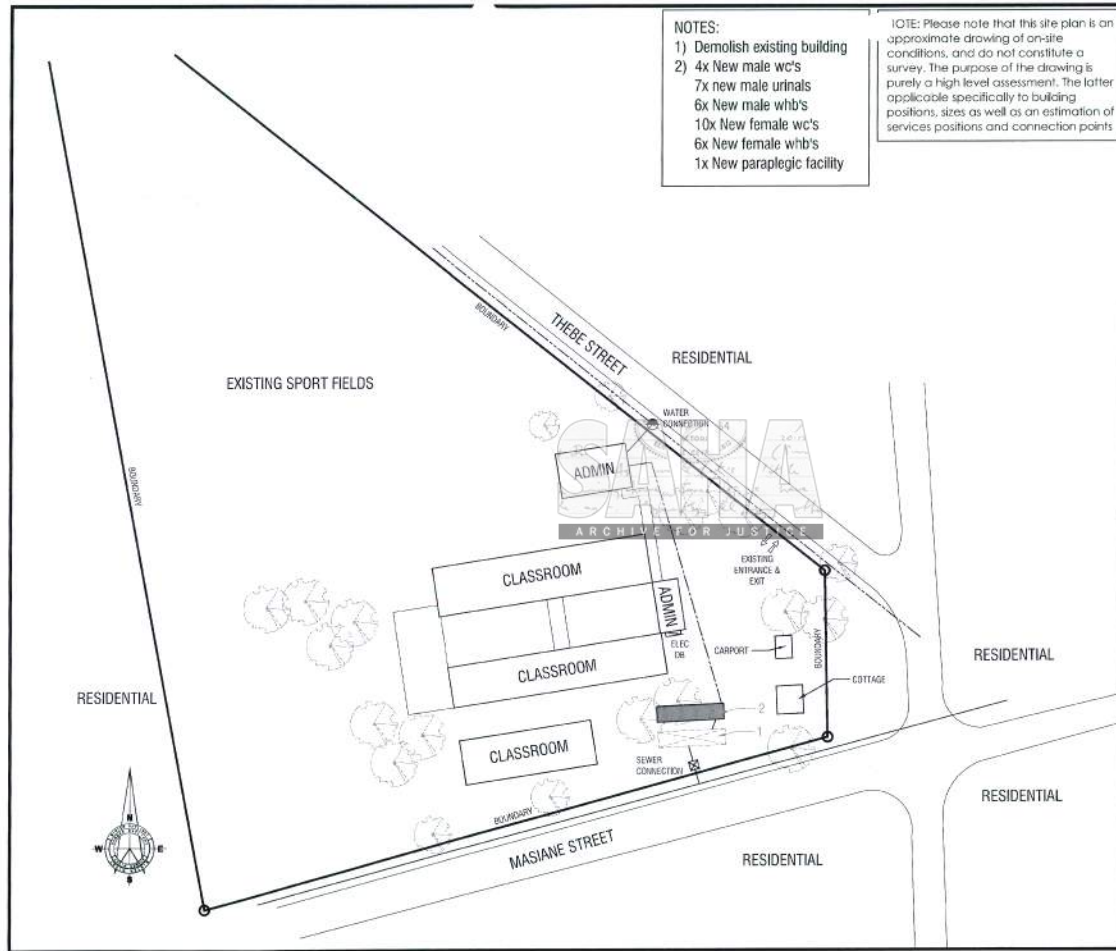
Dra St

Mogale St

Bakae St

Kooel St

Image © 2012 Google  
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**NOTES:**  
 1) Demolish existing building  
 2) 4x New male wc's  
 7x new male urinals  
 6x New male whb's  
 10x New female wc's  
 6x New female whb's  
 1x New paraplegic facility

**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, sites as well as an estimation of services positions and connection points

\* ALL DIMENSIONS TO BE CHECKED ON SITE BEFORE ANY WORK IS PUT IN HAND.  
 \* ALLE METES MOET OP TERREIN NAGESKEM WORD ALKORREDE.  
 \* TOEGEWYNDIGHEID: 1:500  
 \* TOEGEWYNDIGHEID: 1:500  
 \* ALLE METES MOET VOORLOOPEN AAN PLAASLIKE STADSDRAAD-REGULASIE.



PROJECT: PROPOSED SCHOOL INFRASTRUCTURE DEVELOPMENT FOR DID & IDT TSHWANE REUTLWILE SECONDARY SCHOOL

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

DRAWING NUMBER: <b>12/004-38-000</b>		REVISION: <b>0</b>
DRAWN BY: <b>O.B.</b>	DATE: <b>18/02/2012</b>	CHECKED: ---
DRAWING STATUS: Info only      Tender      For construct.		



**Primary School Preliminary Physical Assessment Report and Checklist**

To be faxed to Crane QS on completion to: 011-783-8252

Date: 16-Feb-12

Architect: VH+S Architects

School: Reutlwile Junior Secondary School

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Inspection: **School General:** Number of Children 436  
Number of Boys 225  
Number of Girls 211  
Number of Grade "R" No grade R's

**(Photos to be taken)** General state of Buildings The School in general is in a reasonable condition though the ablution facilities' building are as bad as its predecessors in Soweto. The fittings seems to have been replaced recently, but clouded by the state of the existing building, as well as the fact the the WC's etc are open. The depth of the building insufficient for meaningful enclosure - demolish  
Additional Notes

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**Ablutions:** Currently available: yes x no  
Required No. per NBR refer to detail table attached  
Sufficient for current Numbers: yes x no  
**Grade "R" Ablutions** though all demolished and re-built.  
Appropriate? no

General state of Ablutions n/a - not existing

SDP to be drawn up: yes x no

Area (location) identified for construction: yes x no

Current surface of proposed construction area soil - grassed area

Demolition required: yes x no

What structure needs demolishing Entire existing abluion facility

Notes:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Services:

**Electricity** available:    yes            x            no  
linkup/runs identified:    yes            x            no  
Nearest Electrical DB    \_\_\_\_\_ 50m \_\_\_\_\_

Problems?    Regular outages when raining and in winter  
\_\_\_\_\_

**Sewer** available:        yes            x            no  
linkup/runs identified:    yes            x            no  
Nearest Sewer            \_\_\_\_\_ 50m municipal \_\_\_\_\_

regular blockages experienced.

Problems?    The municipal connection seem to run through  
\_\_\_\_\_ the adjacent residential property \_\_\_\_\_

**Water** available:        yes            x            no  
linkup/runs identified:    yes            x            no  
Nearest Waterpoint      \_\_\_\_\_ 10m existing site - 50m municipal \_\_\_\_\_

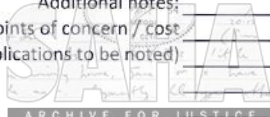
Problems?    \_\_\_\_\_ Water pressure too low \_\_\_\_\_

**Stomwater** available:    yes                            no    x  
linkup/runs identified:    yes                            no    x  
Nearest Stomwater        \_\_\_\_\_ 50m to municipal, assuming \_\_\_\_\_

there is provided (on street)

Problems?    flooding due to no provision on site  
\_\_\_\_\_

Additional notes:  
(any points of concern / cost  
implications to be noted)



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<b>Additional to be Provided</b>					
	<b>Male</b>			<b>Female</b>	
	<b>WC</b>	<b>U</b>	<b>WHB</b>	<b>WC</b>	<b>WHB</b>
<b>Children Grade 1-12</b>	4	7	6	10	6
<b>Children Grade R</b>	0	0	0	0	0
<b>Staff</b>	1	1	1	2	1

Additional paralegic WC to be provided  
 Entire provision to be rebuilt





Existing building to be demolished



Interior of existing building to be demolished



Interior of existing building to be demolished





**RAPID INFRASTRUCTURE DELIVERY PROGRAMME  
SITE EVALUATION REPORT**

SCHOOL NAME AND CONTACT DETAILS					
DISTRICT MUNICIPALITY		LOCAL MUNICIPALITY			
SCHOOL NAME	Reutwile Junior Secondary School	WARD NAME		WARD NO:	
SCHOOL PRINCIPAL		TEL NO	011 986 2105		
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	436	BOYS 2012	225	GIRLS 2012	211
NO OF PUPILS 2009		BOYS 2009		GIRLS 2009	
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

PLEASE INDICATE WHETHER THE POSITION SHOWN ON THE MAP PROVIDED IS CORRECT

CO-ORDINATES:	LATITUDE	-26.2588	LONGITUDE	27.8596
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INDICATE THE ROAD FROM THE NEAREST TOWN TO THE SCHOOL ON THE MAP

NAME OF TOWN/VILLAGE	Naledi	ALTERNATIVE NAME (if applicable)	
----------------------	--------	----------------------------------	--

DISTANCE FROM SITE IN KM		CONDITION OF ROAD	good	
--------------------------	--	-------------------	------	--

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?	Both, conventional and 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		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)

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DISTANCE TO COAST

APPROXIMATE KILOMETRES (straight line)	500km
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### RESERVATION CERTIFICATE

QUESTIONS:

ARE THE FOLLOWING SKILLS AVAILABLE IN THE COMMUNITY : BRICKLAYERS	x	CARPENTERS	x		
ELECTRICIANS	x	PAINTERS	x	PLUMBERS	x
ARE THERE FET COLLEGE STUDENTS IN THE VILLAGE	likely yes	WHAT TRADES?			
N2 MINIMUM IN BRICKLAYING:	x	CARPENTRY	x	PLUMBING	x
x		N4 MIN. ELECTRICAL	x		
CHECK IF THERE ARE ANY RIVERS, DAMS CLOSE TO THE SITE	no	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.

IS THE SITE LEVEL OR SLOPING?	LEVEL	reasonably level	SLOPING	
ESTIMATED ORDER OF SLOPE:				
<2%		2% - 5%		>5%
IS THE PRESENCE OF ROCK INDICATED		none visible		
IF SO, AT WHAT DEPTH?	none visible			
CAN EXCAVATION TO A DEPTH OF 1.5m BE DONE BY HAND, OR WILL MECHANICAL EQUIPMENT BE REQUIRED?				
Should be possible yes				
GIVEN THE EXTENT OF THE NEW BUILDINGS AND THE APPARENT FOUNDING CONDITIONS, RECOMMEND IF A FORMAL SOIL INVESTIGATION				
BE CARRIED OUT (GEOTECHNICAL REPORT)?	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)				
WITH WHOM WAS THIS DISCUSSED?	Not discussed with school			
ARE THEY SATISFIED WITH THE PROPOSED POSITION?	YES		NO	
IS THERE AN EXISTING LEVEL SPORTS FIELD?	YES		NO	
CONDITION (LEVEL/GRASSED)		ESTIMATED SIZE		
IF NOT, IS THE SITE SUITABLE FOR THE CREATION OF LEVEL PLATFORM FOR A PLAYING FIELD OF AT LEAST 120m x 75m?				
YES		NO		
IF NOT, WHAT SIZE IS FEASIBLE? ESTIMATED DIMENSIONS				
HOW MUCH EARTHWORKS WOULD THIS INVOLVE?				
EXTENSIVE		FAIR		MINIMAL x
PLEASE INDICATE POSITION OF POSSIBLE PLAYING FIELD ON THE LAYOUT SKETCH OF THE GROUNDS				
TREES TO BE REMOVED	TYPE OF TREE	GIRTH	TREE OR STUMP?	QUANTITY
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		
HEMOCRAFT CENTRES		
OTHER		

### FURNITURE ASSESSMENT (Comment) TOTALS

CONDITION	SUFFICIENT	OTHER

### TOILETS - TYPE OF TOILETS

FLUSH	PIT LATRINES	NONE	TOTAL
CONDITIONS/QUANTITY	GOOD	REASONABLE	BAD
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	x	SEWERAGE	x	ELECTRICITY	x
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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		10	



SEWERAGE	x		10	
ELECTRICITY	x		50	
IMPLICATIONS OF CONNECTING TO SERVICES, IF ANY				

IF RETICULATED WATER IS NOT AVAILABLE:



EXISTING BUILDINGS (CONTINUED)				
ARE THERE RAINWATER TANKS?		YES		NO
HOW MANY?				x
IS THERE SUFFICIENT WATER ON SITE FOR BUILDING	YES			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	
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			x
PLASTER ON GABLE ENDS			x

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

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

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

**FLOORS**

GOOD		CONCRETE		SCREED - BAD	x
DUNG SMEARED FLOORS		NO VINYL TILES			

**STOEPS**

CONCRETE	x	NO CONCRETE		GOOD	
BAD		SCREED - BAD			

**CEILINGS**

GOOD		REASONABLE		BAD	
NONE	x				

**WINDOWS**

STEEL WINDOWS		GOOD	REASONABLE	BAD	NONE
GLASS					x
PAINT					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	



DEMOLISHING				
SHOULD AN EXISTING BUILDING BE DEMOLISHED	YES	x	NO	
IF YES, INDICATE WITH DESCRIPTIONS AND PHOTOGRAPHS AS PER THE FOLLOWING: Entire existing ablution facility				
SIZE OF STRUCTURE: (LENGTH X WIDTH X HEIGHT)		25 x 2 x 2.5		
PHOTOGRAPH OUTSIDE	YES	x	NO	
PHOTOGRAPH INSIDE	YES	x	NO	
INDICATE TYPE OF STRUCTURE ( ie. 3 CLASSROOM BLOCK, RONDAVEL, TOILET BLOCK)			Existing bick ablution	
DESCRIBE IN DETAIL THE BUILDING (SEE EXAMPLES IN ADDENDUM 'A' ATTACHED)				
photos attached				
SHOULD AN EXISTING BUILDING BE DEMOLISHED	YES		NO	
IF YES, INDICATE WITH DESCRIPTIONS AND PHOTOGRAPHS AS PER THE FOLLOWING:				
SIZE OF STRUCTURE: (LENGTH X WIDTH X HEIGHT)				
PHOTOGRAPH OUTSIDE	YES		NO	
PHOTOGRAPH INSIDE	YES		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		NO	
IF YES, INDICATE WITH DESCRIPTIONS AND PHOTOGRAPHS AS PER THE FOLLOWING:				
SIZE OF STRUCTURE: (LENGTH X WIDTH X HEIGHT)				
PHOTOGRAPH OUTSIDE	YES		NO	
PHOTOGRAPH INSIDE	YES		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	50m			
IS IT POSSIBLE TO CONNECT TO CLOSEST SOURCE OF ELECTRICAL POWER	should be yes			
WILL THE CLOSEST SOURCE HAVE THE CAPACITY TO SUPPLY POWER	load to be checked by electrical contractor			
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

**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	<b>X</b>
Preferred scale is 1:500	Done	x
Location of the site in X/Y coordinates in WGS 84	Done	<b>X</b>
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



## Infrastructure Development

Department: Infrastructure Development  
GAUTENG PROVINCE

Enquiries: Mr. K. Ojageer  
Email: [Kemral.Ojageer@gauteng.gov.za](mailto:Kemral.Ojageer@gauteng.gov.za)

The Chief Executive Officer  
Independent Development Trust,  
Glenwood Office Park,  
Corner Oberon and Sprite Streets,  
Faerie Glen,  
Pretoria  
0001

**Attention: Ms. Thembi Ndwamutsu**

**RE: FOLLOW UP TO THE MEETING HELD AT THE DEPARTMENT OF  
INFRASTRUCTURE DEVELOPMENT HEAD OF DEPARTMENT'S OFFICE ON  
22 DECEMBER 2011 AT 1100 HOURS.**

Please find herewith attached the standard layout plan for Grade R for implementation on your Grade R projects.

The Department of Infrastructure Development (DID) hereby confirm that you should proceed with the assessments and implementation of the 163 Grade R schools projects where there are no issues or matters arising. You are hereby requested to furnish this Department in a detailed report of the issues or matters arising on those Grade R schools projects that you would have encountered.

Assessments and implementation of the 42 toilets on school projects should be expedited.

During the implementation of these projects, you are advised to comply with all new Built Environment regulations including SANS regulations pertaining to disability persons.

The Department of Infrastructure Development hereby reminds you to submit monthly project reports as stated in clause 4.8 of the Service Delivery Agreement. Minutes of all project meetings should be forwarded to DID and all project stakeholders within the shortest possible time after the execution of such meetings.

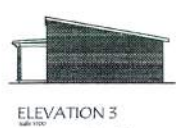
Yours Sincerely,

**K. Ojageer**

**Deputy Director General**

**Date:** 11/01/2012





ELEVATION 3  
Scale: 1/8" = 1'-0"



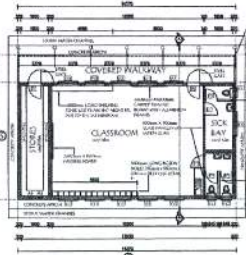
ELEVATION 4  
Scale: 1/8" = 1'-0"



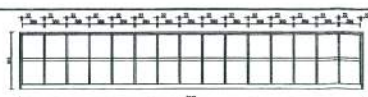
ELEVATION 1  
Scale: 1/8" = 1'-0"



ELEVATION 2  
Scale: 1/8" = 1'-0"



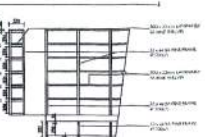
FLOOR PLAN  
Scale: 1/8" = 1'-0"



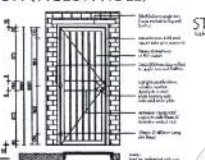
DETAIL 1 (PIGEON HOLE)  
Scale: 1/2" = 1'-0"



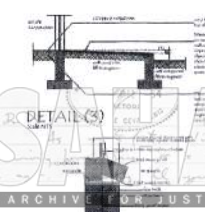
SECTION (PIGEON HOLE)  
Scale: 1/2" = 1'-0"



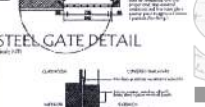
STORE & CLASSROOM SHELVES  
Scale: 1/2" = 1'-0"



STEEL GATE DETAIL  
Scale: 1/2" = 1'-0"



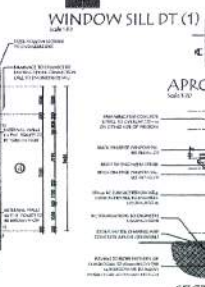
WINDOW SILL DT (2)  
Scale: 1/2" = 1'-0"



WINDOW SILL DT (1)  
Scale: 1/2" = 1'-0"



APRON AND CHANNEL  
Scale: 1/2" = 1'-0"



SECTION AA  
Scale: 1/2" = 1'-0"

WINDOW SCHEDULE

NO.	TYPE	FINISH	GLASS	OPERATION	REMARKS
W1	1	ALUMINUM	6mm CLEAR	SLIDING	STANDARD SLIDING MECHANISM TO BE FITTED TO ALLOW THRESHOLD TO OPEN A MIN OF 200mm TO PREVENT STORMS FROM HITTING THESE HEADS AND THE FRAMES (THIS IS FOR THE UNIT WINDOW ONLY)
W2	2	ALUMINUM	6mm CLEAR	SLIDING	
W3	3	ALUMINUM	6mm CLEAR	SLIDING	
W4	4	ALUMINUM	6mm CLEAR	SLIDING	

DOOR SCHEDULE

NO.	TYPE	FINISH	OPERATION	REMARKS
D1	1	ALUMINUM	SLIDING	
D2	2	ALUMINUM	SLIDING	
D3	3	ALUMINUM	SLIDING	

GENERAL NOTE

IF THERE ARE ANY OTHER DETAILS ON THE DRAWING, THE CONTRACTOR SHALL FOLLOW THE DETAILS ON THE DRAWING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL MATERIALS AND LABOR REQUIRED FOR THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL MATERIALS AND LABOR REQUIRED FOR THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL MATERIALS AND LABOR REQUIRED FOR THE WORK.

FLOOR NOTES

ALL FLOOR FINISHES SHALL BE AS SHOWN ON THE DRAWING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL MATERIALS AND LABOR REQUIRED FOR THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL MATERIALS AND LABOR REQUIRED FOR THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL MATERIALS AND LABOR REQUIRED FOR THE WORK.

WALL NOTES

ALL WALL FINISHES SHALL BE AS SHOWN ON THE DRAWING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL MATERIALS AND LABOR REQUIRED FOR THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL MATERIALS AND LABOR REQUIRED FOR THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL MATERIALS AND LABOR REQUIRED FOR THE WORK.

AREA SCHEDULE

COVERED WALKWAY	25sqm
CLASSROOM	77sqm
SOCK BAY AND TOILETS	16sqm
STORE ROOM	16sqm
<b>TOTAL SQUARES</b>	<b>134sqm</b>

NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE SANS STANDARDS AND CODES OF PRACTICE.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL MATERIALS AND LABOR REQUIRED FOR THE WORK.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL MATERIALS AND LABOR REQUIRED FOR THE WORK.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL MATERIALS AND LABOR REQUIRED FOR THE WORK.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL MATERIALS AND LABOR REQUIRED FOR THE WORK.



DEPARTMENT OF PUBLIC WORKS  
CITY OF JOHANNESBURG

PROJECT NO. 1052010-200

ISSUED FOR CONSTRUCTION

AUGUST 2011 ISSUED FOR CONSTRUCTION

1052010-200 0