



FOR DEPARTMENT OF EDUCATION

SCHOOLS

SITE EVALUATION REPORT - ADDENDUM A

SCHOOL NAME	NKHOLI PRIMARY SCHOOL
REGION	SOWETO
PROJECT NO.	

REPORT PREPARED BY

DATE OF EVALUATION	14-Feb-12
PERSON RESP.	VH+S Architects (Richard Venter)
ADDRESS	11 Greenway Road, Greenside, 2193
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COMPLETED	16-Feb-12

**RAPID INFRASTRUCTURE DELIVERY PROGRAMME
SITE EVALUATION REPORT**

SCHOOL NAME AND CONTACT DETAILS					
DISTRICT MUNICIPALITY		LOCAL MUNICIPALITY			
SCHOOL NAME	Nkhohli Primary School	WARD NAME		WARD NO:	
SCHOOL PRINCIPAL		TEL NO	011 933 1437		
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	Ricardt Venter	TEL NO			
GENERAL SCHOOL INFORMATION					
NO OF PUPILS 2012	500	BOYS 2012	254	GIRLS 2012	246
GRADE "R" PUPILS 2012	37	GRADE "R" BOYS 2012	16	GRADE "R" GIRLS 2012	21
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	-26.2656	LONGITUDE	27.90547
INDICATE THE ROAD FROM THE NEAREST TOWN TO THE SCHOOL ON THE MAP				
NAME OF TOWN/VILLAGE	Pimville	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)				
yes	ARCHIVE FOR JUSTICE			

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
PAINTERS	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	reasonable	SLOPING	
ESTIMATED ORDER OF SLOPE:					
<2%		2% - 5%		>5%	
IS THE PRESENCE OF ROCK INDICATED					
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?					
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			
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	x	MINIMAL	
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		SUFFICIENT	REASONABLE	NONE	TOTAL
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	
	x		x		x

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	municipal 50m

SEWERAGE	x		10	municipal 50m
ELECTRICITY	x		10	municipal 150m
IMPLICATIONS OF CONNECTING TO SERVICES, IF ANY				

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		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	x	SCREED - BAD	
DUNG SMEARED FLOORS		NO VINYL TILES			

STOEPS

CONCRETE	x	NO CONCRETE		GOOD	
BAD		SCREED - BAD			

CEILINGS

GOOD		REASONABLE	x	BAD	
NONE					

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	



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				



ELECTRICAL SUPPLY

ELECTRICAL SUPPLY

ANY ELECTRICAL SUPPLY CLOSE TO SCHOOL	YES	x	NO	
IF YES, INDICATE DISTANCE FROM THE PROPOSED SITE		20		
IS IT POSSIBLE TO CONNECT TO CLOSEST SOURCE OF ELECTRICAL POWER		should be - to be checked by contractor		
WILL THE CLOSEST SOURCE HAVE THE CAPACITY TO SUPPLY POWER		to be checked by electrician		
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

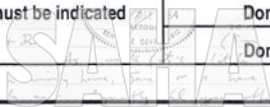
Migrant work

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	x
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	x
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