

LEGEND/NOTES

Ø15mm schedule 80 Gas Supply Pipe surface mounted

Ø15mm schedule 80 Gas Supply Pipe Ø50mm sleeve cast in slab @ 65mm below

Ø30mm through wall sleeve by main contractor

19kg Gas Cylinder

Manual Change-Over Switch 1 x Cylinder in operation

2nd Stage Gas Regulator

Ø15mm Shut of Valve

Ø15mm Shut of Valve in Factory standard valve box

Playground
New 80mm Block Pavers

C-01 Ground Floor
SCALE: 1:50

GAS NOTES: Requirements Annex A of SANS 10251-1 shall be met; and also the requirements of SANS 10087-1 shall be met; with COC (certificate of Conformity) issued per Annex F of SANS-10087-1

- Containers shall be located on a firm, clean, well-drained and level base. The area surrounding a container shall be kept of combustible material, for example, weeds, dry grass, paper and waste. Containers shall be located and protected against tampering by unauthorized persons and also damage and interference by, for example, animals and vehicles.
- Containers shall be at least:
 - 1m away from any opening (into a building) that is below the level of the container valve, i.e. doors, windows and airbricks,
 - 2m away from any drain, pit or manhole,
 - 3m away from from the property boundary, unless the boundary has a firewall, in which case the containers could be next to firewall, and where there are only two containers, the boundary distance can be reduced to 1m.
 - 3m away from any opening (or window) directly above containers. The 3m distance from the top of the cylinder, valve connection or the manifold whichever is the higher, to the bottom of the window may be reduced to a minimum of 300mm providing that:
 - a non-combustible roof (see SANS 10400) is installed between the containers and the opening. The roof shall extend beyond the cylinders such that when measured from the valve connection and around the roof to the nearest point of the window a minimum of 1.5m safety distance shall be obtained, or
 - The window frames shall be steel and the total size of the glazing does not exceed 1m² glazing shall be of wire woven glass not larger than 450mm x 450mm pane. such windows shall not be openable.
 - where the roof is installed over the cylinders there shall be sufficient space above the cylinder valves to facilitate the exchange of cylinders. Roof structures of concrete shall not be installed above the manifold or cylinders.
- Cylinders shall not be installed directly under the eaves of thatched roof. Cylinders shall be not less than 3m away from eaves of the thatched roof behind a firewall. Loose or piled combustible material, weeds and long grass shall not be permitted within 3m of any container.
- Manifolds and their supporting structure shall be protected against corrosion.
- Pipe sleeve Ø50mm schedule 40 shall be galvanised and be placed at least 65mm below the top of concrete.

DBSA

ARCHITECT:.....

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

OHS:.....

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

NORTH WEST DEPARTMENT OF EDUCATION

NAME:.....

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

NAME:.....

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

SANS 10400 & XA COMPLIANCE		OTHER APPROVALS		WATER SUPPLIER		SANITATION/ SEWER		SITE INFORMATION		STAGES		PROJECT TEAM			
CONDUTANCE	<input type="checkbox"/>	Environmental Impact Assessment (EIA)	<input type="checkbox"/>	MUNICIPALITY	<input type="checkbox"/>	MUNICIPALITY	<input type="checkbox"/>	ERF No.	15756	SIPDM	0	ARCHITECT	DANNY KALOMBO	CONTACT No.	+27 79 875 8873
SOLAR HEAT GAIN	<input type="checkbox"/>	South African Heritage Resources Agency (SAHRA)	<input type="checkbox"/>	BOREHOLE	<input type="checkbox"/>	SEPTIC TANKS	<input type="checkbox"/>	COVERAGE	10.9 % (3795 m ²)	SACAP	1	Q.SURVEYOR	HENK DOKTER	REGISTRATION No.	PR/Arch 24740538
GEOGRAPHICAL ZONE	<input type="checkbox"/>	Department of Water and Sanitation (DWS)	<input type="checkbox"/>	PRESSURE	TBC	PIT LATRINES	<input type="checkbox"/>	VILLAGE NAME	Jouberton Ext. 15	Mark with X	2	STRUCT. ENG	THABISO MOTSHOGA	COMPANY NAME	MAMADI & COMPANY
NBRs COMPLIANCE	<input type="checkbox"/>	South African National Roads Agency (SANRAL)	<input type="checkbox"/>	TANKS	1	OTHER	<input type="checkbox"/>	DISTRICT	Dr Kenneth Kaunda	3	4	CIVIL ENG	GIVEN MBHOKOTA	CONTACT No.	+27 83 580 1709
SITE PLAN	<input type="checkbox"/>	Other	<input type="checkbox"/>	OTHER STORE	2000			COORDINATES	26°54'12.4"S	4	5	MECH. ENG	AMUKELANI MAKHUYELE	REGISTRATION No.	201570008 - ECSA
OTHER DRAWINGS	<input type="checkbox"/>								26°35'46.5"E	5	6	ELECT. ENG	JOHN MOKOENA	COMPANY NAME	MAMADI & COMPANY

REV. NO.	DATE	DESCRIPTION
A	2020-12-16	FIRST ISSUE
B	2021-02-18	ISSUED FOR TENDER

MUNICIPAL APPROVAL

NAME:.....

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

STAMPS:

PRINCIPAL AGENT

No. 1 Newtown Avenue, Kibbeney, Johannesburg, 2193

Tel: 011-532 8659 Email: info@nswed.co.za

COMPETENT CONTACT PERSON: CONT. No. +2711 532 8659

FULL NAME: FIRM REG No: 2016/012437/07

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DISCIPLINE

MECHANICAL

PROJECT NAME

SEDIKO PRIMARY SCHOOL

CMS NUMBER: 600101902

PROJECT STATUS

STAGE 1-3

STAGE 4

STAGE 5-6

CONCEPT

TENDER

CONSTRUCTION

DESCRIPTION

NEW SCIENCE LAB GAS LAYOUT

SCALE:

1:50

DRAWN:

NAME OF COMPETENT PERSON:

AMUKELANI MAKHUYELE

CHECKED:

NAME OF COMPETENT PERSON:

ZOLISA NDOLANA

REG No: PR/TECH ENG/201570008

REG No: PR/TECH ENG/20200300775

SIGNATURE

SIGNATURE

PROJECT NUMBER

RFP 263/2019

DATE: 16/03/2021

DWG No:

DBSA-BT-6-ENG-MEC-DWG-005

OCCUPANCY CLASSIFICATION

A4.4 Primary & Secondary School

REV No: B