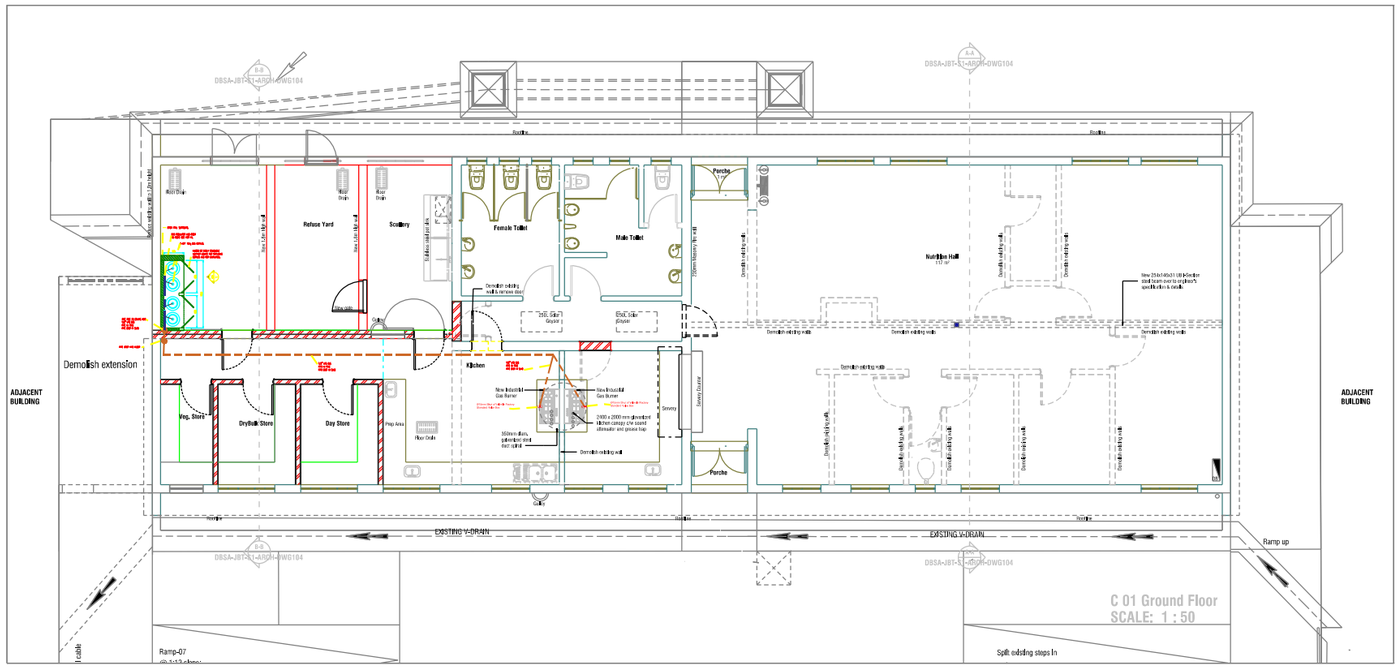
LEGEND/NOTES

- 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



GAS NOTES: Requirements of 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

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.
2. Containers shall be at least:

a. 1m away from any opening (into a building) that is below the level of the container valve, i.e. doors, windows and airbricks,

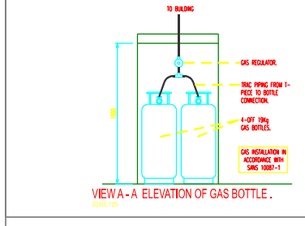
b. 2m away from any drain, pit or manhole,

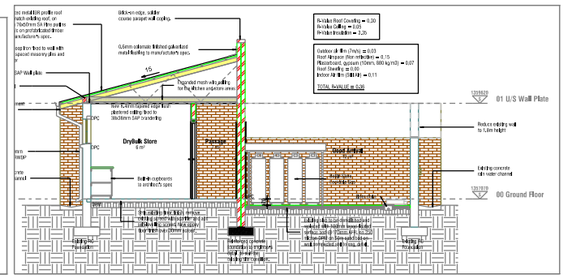
c. 3m away from from the property boundary, unless the boundary has a firewall, in which case the containers could be next to firewall, and where there are only two containers, the boundary distance can be reduced to 1m.

d. 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:
   1. 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
   2. The window frames shall be steel and the total size of the glazing does not exceed 1m glazing shall be of wire woven glass not larger than 450mm x 450mm pane. such windows shall not be openable.

e. 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.

3. 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.
4. Manifolds and their supporting structure shall be protected against corrosion.
5. Pipe sleeve Ø50mm schedule 40 shall be galvanised and be placed at least 65mm below the top of concrete.





Section B-B
SCALE: 1 : 50

SIGN-OFF SCHEDULE

DBSA

ARCHITECT:.....

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

OHS:.....

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

NORTH WEST DEPARTMENT OF EDUCATION

NAME:.....

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

NAME:.....

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

NAME:.....

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

REV. NO.	DATE	DESCRIPTION
A	2020-12-16	FIRST ISSUE
B	2021-03-16	ISSUED FOR TENDER

MUNICIPAL APPROVAL

NAME:.....

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

STAMPS:

PRINCIPAL AGENT

No. 1 Newtown
Avenue,
Killarney,
Johannesburg , 2193

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

COMPETENT CONTACT PERSON: | CONT. No: +2711 532 8659
FULL NAME | FIRM REG No: 2016/012437/07

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DISCIPLINE: MECHANICAL
Amukelani Makhuvele
2021-05-05 14:58:11

PROJECT NAME

SEDIKO PRIMARY SCHOOL

EMIS NUMBER: 600101902

PROJECT STATUS

STAGE 1-3	STAGE 4	STAGE 5-6
CONCEPT	TENDER X	CONSTRUCTION

DESCRIPTION:
DINING & NUTRITION CENTRE
GAS LAYOUT

SCALE: 1:50

DRAWN:	CHECKED:
NAME OF COMPETENT PERSON: AMUKELANI MAKHUVELE	NAME OF COMPETENT PERSON: ZOLISA DOLWANA
REG No: PR.TECH.ENG: 201570008	REG No: PR.TECH.ENG: 2020300775
SIGNATURE: ----------	SIGNATURE: ----------

PROJECT NUMBER
RFP 263/2019

DATE: 2021-03-16

DWG No:
DBSA-JBT-S1-ENG-MEC-DWG-004

REV No: B

OCCUPANCY CLASSIFICATION
A1.2 Restaurant

SANS 10400 & XA COMPLIANCE

	Regional Dwg.		Standard Cvil	
CONDUTANCE	Y	N	Y	N
SOLAR HEAT GAIN	Y	N	Y	N
GEOGRAPHICAL ZONE				

NBRs COMPLIANCE

	Yes	No
SITE PLAN		
OTHER DRAWINGS		

OTHER APPROVALS

	Yes	No	N/A
Enviromental Impact Assesment (EIA)			X
South African Heritage Resources Agency (SAHRA)			X
Department of Water and Sanitation (DWS)	X		
South African National Roads Agency (SANRAL)		X	
Other			X

WATER SUPPLIER

	Yes	No	
MUNICIPALITY			MUNICIPALITY NAME
BOREHOLE			WATER USE LICENCE: Not Available
PRESSURE	TBC BARS		
TANKS	Number Tanks: 1	Capacity: 2000 LITERS	
OTHER STORE	Yes	No	Specify below

SANITATION/ SEWER

	Yes	No	
MUNICIPALITY	X		MUNICIPALITY NAME: Mathosana
SEPTIC TANKS		X	CAPACITY: M3
PIT LATRINES		X	
OTHER			SPECIFY:

SITE INFORMATION

ERF No.	15756
COVERAGE	10.9 % (3795 m²)
VILLAGE NAME	Jouberton Ext. 15
DISTRICT	Dr Kenneth Kaunda
COORDINATES	26°54'12.4"S 26°35'46.5"E

STAGES

SIPDM	SACAP	Mark with X
0		
1		
2		
3	1	
4	2	
5	3	X
6	4	
7	5	
8		
9	6	

PROJECT TEAM

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CONTRACTOR				