



BLOCK J - GUARD HOUSE  
DOMESTIC WATER SUPPLY LAYOUT

SCALE 1:50

ISSUED FOR  
TENDER

- NOTES**
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS DRAWINGS.
  2. DO NOT SCALE FROM THE DRAWING. THE CONTRACTOR MUST CHECK AND CONFIRM ALL DIMENSIONS INCLUDING LEVELS ON SITE WITH THE SERVICES ENGINEERS.
  3. ANY QUERIES AND/OR DISCREPANCIES MUST BE REFERRED TO THE SERVICES ENGINEER BEFORE MATERIALS ARE ORDERED AND BEFORE EXECUTION ON SITE.
  4. ALL PORTABLE WATER PIPEWORK ABOVE GROUND TO BE COPPER SANS 460 UNLESS OTHERWISE NOTED. UNDERGROUND PIPES TO BE HDPE.
  5. DRAINAGE & WATER INSTALLATION TO BE IN ACCORDANCE TO SANS 10252 : 2 AND SANS 10252 : 1.
  6. ALL DOMESTIC HOT WATER SUPPLY & STORAGE VESSELS PIPES TO BE INSULATED TO SANS 10400 - XA AND SANS 204.
  7. REFER TO EQUIPMENT DATA SHEETS FOR EQUIPMENT SPECIFICATION.
  8. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH SCHEMATIC DRAWINGS.
  9. COLD WATER PIPES UNDERGROUND TO BE IN HDPE CLASS 6.
  10. COLD WATER PIPES ABOVE GROUND TO BE IN COPPER TO SANS 460.
  11. DRAWING TO BE READ IN CONJUNCTION TO THE LATEST VERSION OF STANDARD QUALITY SPECIFICATION FOR WET SERVICES.

**WATER LEGEND**

	ISOLATING VALVE
	COMBINED PRESSURE/TEMP RELIEF VALVE
	PRESSURE REDUCING VALVE
	PWS POTABLE WATER SUPPLY
	FWS FLUSH WATER SUPPLY
	R RISER (FROM BELOW / TO ABOVE)
	D DROPPER (FROM ABOVE / TO BELOW)

**CLIENT**



**DEVELOPMENT BANK  
OF SOUTHERN AFRICA**

1258 LEVER ROAD  
HEADWAY HILL  
MIDRAND  
1685

www.dbsa.org

B	15/11/2021	ISSUED FOR TENDER
A	05/10/2021	ISSUED FOR REVIEW
REV NO.	DATE	DESCRIPTION

REVISIONS

**PROJECTCONSULTANT**

**PROJECTNEERS**

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**DRAWING CHECKS**

DESIGNED BY	DESIGN CHECKED BY	DRAWN BY	DRAWING CHECKED BY
S. M.	B. TSHUMA	I.S.	S. ZUNGU

**APPROVAL CONSULTANT**

DATE	PROF. REG. NO.	THE SIGNATURE OF THE PROJECT NEERS CONSULTING ENGINEER
2021-09-03	20130388	BEARS THE ORIGINAL SIGNATURE OF APPROVAL

**PROJECT NAME**

PROPOSED ADDITIONAL SCHOOL INFRASTRUCTURE,  
RENOVATIONS AND REFURBISHMENTS AT GOA  
KGANYA PRIMARY SCHOOL ON BEHALF OF THE  
NORTH WEST DEPARTMENT OF EDUCATION (NW DoE)

**PROJECT SITE**

GOA KGANYA PRIMARY SCHOOL, PHASHA VILLAGE,  
KLIPGAT, MADIBENG, NORTH WEST, SOUTH AFRICA

**SHEET TITLE**

GUARD HOUSE - BLOCK J  
DOMESTIC WATER SUPPLY LAYOUT

**DISCIPLINE**

MECHANICAL

**CONTRACT NUMBER**

RFP268-2019

**FILE NUMBER** **SCALE**

ZA2020\_2003 1:50

**DRAWING NUMBER**

SCH	PROJ	CLINT	SFS	REG	SIGN	REV	SHEET
PJN_ZA_2020_2003_DB	SA_GPS_MECH				5104_B		A1