



BLOCK J - GUARD HOUSE
DRAINAGE LAYOUT
SCALE 1:50

- 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 480 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

DRAINAGE LEGEND	
	DRAINAGE PIPE
	DIRECTION OF FLOW
G	GULLY TRAP
FG	DOUBLE SEAL STAINLESS STEEL FLOOR GULLY
RE	RODDING EYE
IE	INSPECTION EYE
AAV	AIR ADMITTANCE VALVE
CG	CONCEALED GULLY
SVP	SOIL VENT PIPE
	VENT COWL
	VERTICAL DROP
	VERTICAL RISER
CE	CLEANING EYE

CLIENT



DEVELOPMENT BANK
OF SOUTHERN AFRICA

1258 LEVER ROAD
HEADWAY HILL
MIDRAND
1685

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

REVISIONS

PROJECT CONSULTANT



PROJECTNEERS CONSULTING ENGINEERS
& PROJECT MANAGERS

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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		
S. MUTARINGE		
DATE	PROF. REG. NO.	THE SIGNATURE HELD AT THE PROJECTNEERS CONSULTING MIDRAND OFFICE BEARS THE ORIGINAL SIGNATURE OF APPROVAL.
2021-09-03	20130388	

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
DRAINAGE LAYOUT

DISCIPLINE

MECHANICAL

CONTRACT NUMBER

RFP268-2019

FILE NUMBER

ZA2020_2003

SCALE

1:50

DRAWING NUMBER							
SCH	TYPE	PROJ NO	CLIENT	SITE	REG	SHEET NO	SHEET SIZE
PJN_ZA_2020_2003_DB	SA_GPS_MECH	5204	B	A1			

ISSUED FOR
TENDER