



BLOCK EP - SCIENCE LABORATORY
DRAINAGE LAYOUT

SCALE 1:75

ISSUED FOR
TENDER

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS' DRAWINGS.
- DO NOT SCALE FROM THE DRAWING. THE CONTRACTOR MUST CHECK AND CONFIRM ALL DIMENSIONS INCLUDING LEVELS ON SITE WITH THE SERVICES ENGINEERS.
- ANY QUERIES AND/OR DISCREPANCIES MUST BE REFERRED TO THE SERVICES ENGINEER BEFORE MATERIALS ARE ORDERED AND BEFORE EXECUTION ON SITE.
- ALL PORTABLE WATER PIPEWORK ABOVE GROUND TO BE COPPER SANS 460 UNLESS OTHERWISE NOTED. UNDERGROUND PIPES TO BE HDPE.
- DRAINAGE & WATER INSTALLATION TO BE IN ACCORDANCE TO SANS 10252 : 2 AND SANS 10252 : 1.
- ALL DOMESTIC HOT WATER SUPPLY & STORAGE VESSELS PIPES TO BE INSULATED TO SANS 10400 - XA AND SANS 204.
- REFER TO EQUIPMENT DATA SHEETS FOR EQUIPMENT SPECIFICATION.
- 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

www.dbsa.org

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

REVISIONS

PROJECT CONSULTANT

PROJECTNEERS

PROJECTNEERS CONSULTING ENGINEERS & PROJECT MANAGERS

BUILDING 2, 1ST FLOOR, THORNHILL OFFICE PARK
94 BEKKER ROAD, MIDRAND, 1685

+27 11 043 1307
technical@projectneers.com
www.projectneers.com

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 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

SCIENCE LABORATORY - BLOCK EP
DRAINAGE LAYOUT

DISCIPLINE

MECHANICAL

CONTRACT NUMBER

RFP268-2019

FILE NUMBER	SCALE
ZA2020_2003	1:50

DRAWING NUMBER

SCH	PROJ	CLINT	SYS	REG	SERIAL NO.	REV	SHEET NO.
PJN_ZA_2020_2003_DB	SA_GPS_MECH				5203_B		A1