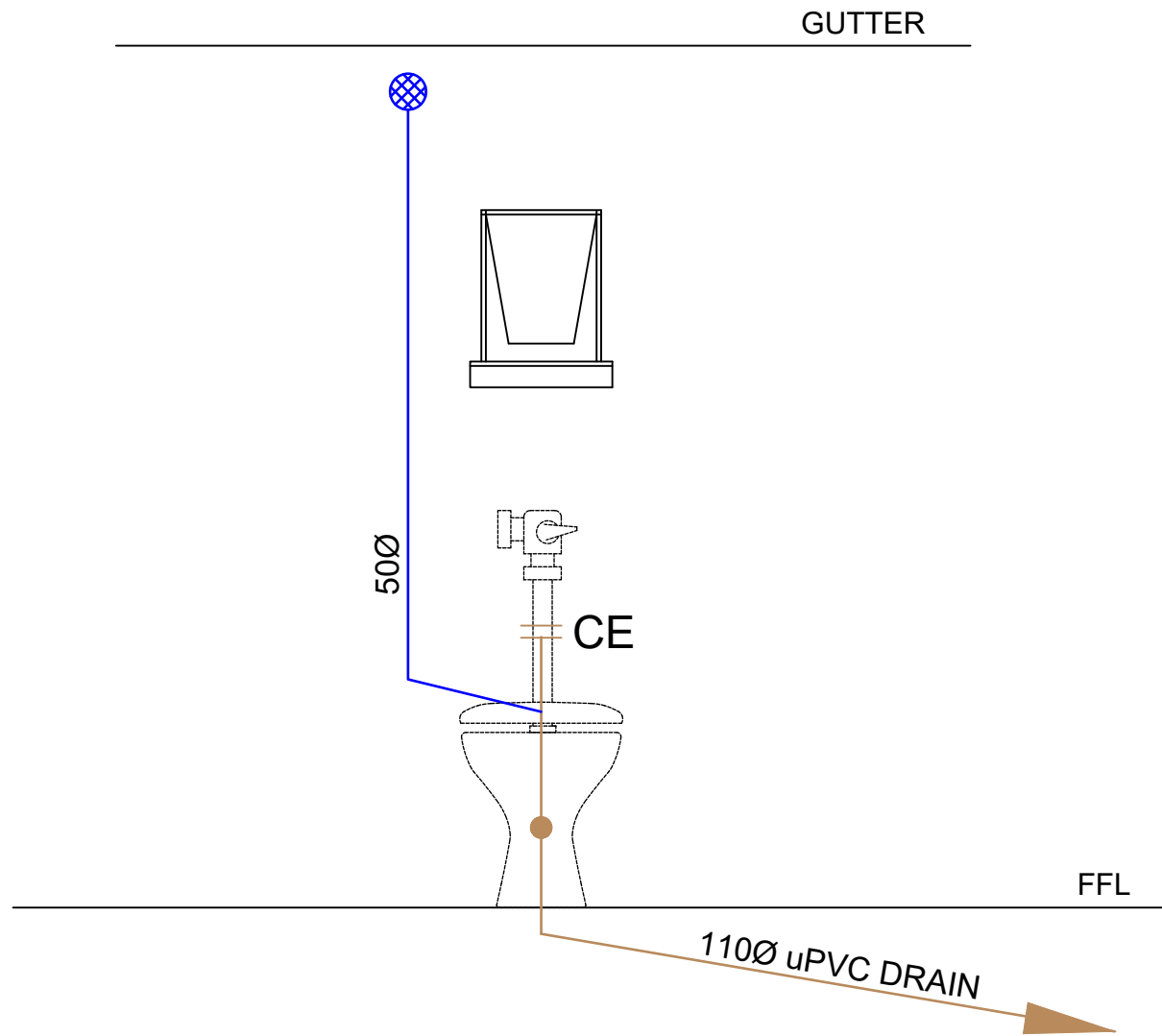




BLOCK A - ADMINISTRATION BUILDING  
DRAINAGE LAYOUT

SCALE 1:50



TYPICAL VENT  
ARRANGEMENT  
TO AVOID WINDOW (NTS)

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.

**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

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

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**

DATE	PROF. REG. NO.	THE SIGNATURE OF THE PROJECT NEERS CONSULTING ENGINEER OFFICE
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**

ADMINISTRATION BUILDING - BLOCK A  
DRAINAGE LAYOUT

**DISCIPLINE**

MECHANICAL

**CONTRACT NUMBER**

RFP268-2019

**FILE NUMBER**

ZA2020\_2003

**SCALE**

1:50

**DRAWING NUMBER**

SHEET NO.	PROJ. NO.	CLIENT	SITE	REG.	SHEET NO.	REV.	SHEET SIZE
PJN_ZA_2020_2003_DBSA_GPS_MECH_	5201	B	A1				