



GROUND FLOOR PLAN: DRAINAGE
SCALE 1:50

NOTES:
THE PLUMBING INSTALLATION TO BE INSTALLED STRICTLY IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

1. SANS 10400: THE APPLICATION OF THE NATIONAL BUILDING REGULATIONS.
2. SANS 10252-1: WATER SUPPLY AND DRAINAGE FOR BUILDINGS, PART 1: WATER SUPPLY INSTALLATIONS FOR BUILDINGS.
3. SANS 10252-2: WATER SUPPLY AND DRAINAGE FOR BUILDINGS, PART 2: DRAINAGE INSTALLATIONS FOR BUILDINGS.
4. LOCAL WATER AUTHORITY REQUIREMENTS.

DSB NOTE:
GENERAL:

1. All pipes passing under the building to be protected against the loads of the structure.
2. Rodding eyes at all changes of direction of drain.
3. Inspection eyes at all bends and junctions of drain.
4. Reseal traps to all waste fittings.
5. Waste pipes to be fully accessible along entire length.
6. No bends and junctions under building.
7. All work to comply with local authority by-laws.
8. Open vent pipe at the highest point of the plumbing installation.

WET SERVICES PIPING SPECIFICATIONS:
ALL PIPING & FITTINGS TO BE SANS APPROVED

SANITARY DRAINAGE:
-HDPE PIPES

DOMESTIC POTABLE WATER:
 - > 50mm GALVANIZED MILD STEEL (GMS)
 - > 50mm CLASS 1 COPPER
 - > 50mm GEBERIT MAPRESS STAINLESS STEEL
 - < 50mm CLASS 1 COPPER
 - < 50mm GEBERIT MEPLA
 - < 50mm VALSIR UNEEQ

LEGEND
DRAINAGE RETICULATION:

- ABOVE GROUND WASTE PIPE
- UNDERGROUND WASTE PIPE
- SUSPENDED WASTE PIPE
- SOIL ABOVE GROUND
- SOIL UNDERGROUND PIPE
- SOIL SUSPENDED PIPE

WATER RETICULATION:

- COLD WATER PIPE RETICULATION
- COLD WATER UNDERGROUND
- HOT WATER PIPE RETICULATION
- HOT WATER RETURN PIPE RETICULATION
- FIRE WATER PIPE RETICULATION

ABBREVIATIONS:
 TA- TO ABOVE
 TB- TO BELOW
 FA- FROM ABOVE
 FB- FROM BELOW
 DD- DROP DOWN
 CW- COLD WATER
 HW- HOT WATER
 HWR- HOT WATER RETURN
 GW- GREY WATER
 FW- FIRE WATER
 RW- RAINWATER
 RWDP- RAIN WATER DOWN PIPE
 SP- SOIL PIPE
 WP- WASTE PIPE
 RE- RODDING EYE
 AC- ACCESS CAP
 OVP- OPEN VENT PIPE

Revisions

REV	DATE	DESCRIPTION	BY
REV 01	18/10/2017	ARCHITECT CHANGE	By
REV 02	19/10/2017	WET SERVICES CHANGE	By
REV 03	15/06/2018	ARCHITECT CHANGE	By



Project Title:
SBIMB LABORATORY ADDITION TO SBIMB LABORATORY

Service Title:
DRAINAGE

Drawing Title:
GROUND FLOOR DRAINAGE

Drawing Number: **DV 231-100-001** Rev No: **REV 03**

Date: **15/06/2018** Engineer: **J A LA GRANGE Pr.Eng. No 20160187**
 AS SHOWN Signed:
 Date: **15/06/2018** Drawn: **JR**