

FIRST FLOOR PLAN: WET SERVICES  
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
  - D/D- 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	18/10/2017	WET SERVICES CHANGE	By
REV 03	15/06/2018	ARCHITECT CHANGE	By



Project Title  
**SBIMB LABORATORY ADDITION TO SBIMB LABORATORY**

Service Title  
**WET SERVICES**

Drawing Title  
**FIRST FLOOR WET SERVICES**

Drawing Number  
**DV 231-200-002**

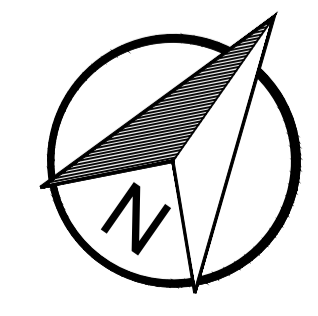
Scale  
**AS SHOWN**

Date  
15/06/2018

Engineer: **J A LA GRANGE**  
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Signed: \_\_\_\_\_

Drawn: **JR**



FOR INFORMATION