

A

B

C

D

E

F

G

H

I

1 LIGHTING LAYOUT

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GENERAL NOTES

ALL WIRING SHALL BE ACCORDING TO SANS 10142-1.

NOTE 1: INSTALLATION
ALL WALL RECESSED OUTLETS SHALL BE FITTED 300mm ABOVE FLOOR LEVEL.
ALL HORIZONTAL POWER SKirting SHALL BE SURFACE MOUNTED AND FITTED TO FLOOR LEVEL.
VERTICAL POWER SKirting SHALL BE FITTED TO THE WALL CORNER WHERE POSSIBLE.
ALL OUTLETS SHALL BE GROUPED AND INSTALLED IN THE CENTER OF WALL OR POWER SKirting LENGTHS.

NOTE 2: WIRING
ALL WIRING FROM THE DB TO THE ROOMS SHALL BE DONE IN THE CEILING SPACE.
ALL WIRING FROM THE CEILING TO THE OUTLETS SHALL BE DONE IN THE POWER SKirting OR WALL RECESSED CONDUITS.
OPTIC FIBRE CABLES SHALL BE INSTALLED INSIDE 25mm PVC CONDUIT. POWER CABLES SHALL BE INSTALLED IN 25mm PVC CONDUIT. IN-CABLES SHALL BE INSTALLED IN 25mm PVC CONDUIT.

NOTE 3: POWER SKirting
WHERE A SECTION OF POWER SKirting IS INTERRUPTED BY A DOORWAY OR PARTITION WALL UNDER FLOOR BRIDGING PVC CONDUITS SHALL BE INSTALLED TO INTERCONNECT THE POWER SKirting SECTIONS.

ELECTRICAL KEY

| | |
|---|--|
| A | 1200x600MM LED PANEL, BACKLIT, 4000K WITH 120W (1200mm) SOURCE AS PER DETAILED SPECIFICATION. |
| B | 1200x600MM LED PANEL, BACKLIT, 4000K WITH 120W (1200mm) SOURCE AS PER DETAILED SPECIFICATION. |
| C | 1200MM LINEAR LED FITTING, WHITE TRIM (FLUSH MOUNTED), 4000K CCT WITH 120W (1200mm) SOURCE AS PER SPECIFICATION. |
| D | 2400MM LINEAR LED FITTING, WHITE TRIM (FLUSH MOUNTED), 4000K CCT WITH 120W (1200mm) SOURCE AS PER SPECIFICATION. |
| E | LED BULB HEAD FITTING, WHITE TRIM, 4000K CCT WITH 20W (2000mm) SOURCE AS PER SPECIFICATION. |
| F | 20W LED DOWNLIGHT, 4000K CCT AS PER DETAILED SPECIFICATION. |
| G | LED STRIP LIGHT, 4000K CCT, 2600MM AS PER DETAILED SPECIFICATION. |

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|-----|----------|------------------------|
| C | 23/05/25 | DESIGN UPDATE |
| B | 07/05/25 | DESIGN UPDATE |
| A | 10/04/25 | ISSUED FOR INFORMATION |
| NO. | DATE | AMENDMENT |



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ELECTRICAL

Project:
UNIVERSITY OF WITWATERSRAND FACULTY OF HEALTH SCIENCES

Drawing Title:
LIGHTING LAYOUT

| | | | |
|----------------------------|-----------------------|------------|---------|
| Prof. Registered Signature | Client Signature | | |
| | | | |
| Pr. Eng. 20190752 | Client Name | | |
| Akani Lowan | | | |
| Date: 2025/05/23 | Designed: AKANI LOWAN | | |
| Size: A0 | Drawn: REMEMBER BA | | |
| Scale: 1:100 | Checked: AKANI LOWAN | | |
| Building Occupancy: n/a | Climate Zone: n/a | | |
| Stage: 01 | | | |
| Project #: | Discipline: | Drawing #: | Rev. #: |
| 8640206C | EE | 001 | C |
| INFORMATION | | | |