GENERAL NOTES

This drawing is issued for Electrical purposes only, and should be read in conjunction with the Electrical Specification. Setting out of Electrical and Electronic accessories are to be as indicated on Architects details.

Refer to Architects and Structural Drawings for all building dimensions, latest building revisions and services.

Do not scale this drawing.

All work to comply with relevant Standards, Codes of Practice, Specification and Regulations.

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DRAWING NOTES

REV	DATE	BY	DESCRIPTION	CHK
D	13/05/24	MH	Motion Sensors added	
C	10/05/24	MH	Revised to SAPS Requirements	
B	8/6/23	CG	Revised Arch Layout	
A	8/6/23	CG	General Revision	
0	8/6/23	CG	Original Issue	

REVISIONS

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PROJECT/SERVICES

Ikageng Police Station

Electrical Installation

TITLE

Ground Floor Lighting Layout

ENGINEER:	DRAWN BY	DATE:	CHECKED	SCALE:
S Nzama	C.G	8/6/23		1:100
			PAPER SIZE:	A0
PROJECT No.	DRAWING No.	SHEET:	REV:	
23029	100		D	
FILE:	LAYERS:			

A0_MST_1

NOTES: (1) – Contractor to ensure max distance between draw boxes 20 metres notwithstanding anything to contrary. (2) – Draw boxes required after every second 90 deg. bend or 180 deg. total of slow bends. (3) – All unwired conduits to be provided with draw wires. These will be withdrawn and checked at random. (4) – Cast in conduits to be spaced 35mm. minimum.

- 100x100 CONDUIT BOX.
- 100x100 CONDUIT BOX AT 300WTL.
- 100x100 CONDUIT BOX AT 140WTL.
- 100x50 CONDUIT BOX
- 100x50 CONDUIT BOX AT 300WTL.
- 100x50 CONDUIT BOX AT 140WTL.
- ROUND CONDUIT BOX.
- CLUSTER BOX (SIZE AS NOTED)
- ROUND DRAW BOX
- 100x100 DRAW BOX
- 100x50 BOX BEHIND POWER SKIRTING
- CONDUIT TURNED UP ("S" FOR DOWN)
- DOWN CONDUCTOR TO EARTH OR EARTH TIE.
- DW ROUND CONDUIT BOX FOR:
  - etc. DW – DOOR MONITOR
  - CAM – CAMERA
  - AA – ACCESS ALARM
  - AC – ACCESS CONTROL
  - CR – CARD READER
  - COM – COMMUNICATION/INTERCOM
  - BGM – BACK GROUND MUSIC
  - EL – ELECTRIC LOCK/STRIKE
- 20mm. DIA. CONDUIT.
- 25mm. DIA. CONDUIT.
- 32mm. DIA. CONDUIT.
- 50mm. DIA. CONDUIT.
- SECTION OF CONDUIT OMITTED FOR CLARITY.
- S SURFIX
- U TWIN AND EARTH
- CABLE ROUTE
- oc OVERHEAD CAST–IN
- os OVERHEAD ON SURFACE OR LAID ON CEILING.
- rc FLOOR SLAB CAST–IN.
- rs FLOOR SURFACE (IN FLOOR VOID).
- POWER SKIRTING
- TRUNKING
- CABLE SLEEVE.
- CABLE TRAY/LADDER
- SQUARE GALV. STEEL DRAW TRAY SIZE AS SHOWN.
- TELEPHONE JUNCTION BOX.
- INTERCOM JUNCTION BOX.
- DATA/COMMS JUNCTION BOX.
- SECURITY, ETC. JUNCTION BOX
- DISTRIBUTION BOARD POSITION.
- DB–1 BOARD DESIGNATION NUMBER.
- 16A SANS 164–1 SWITCHED SOCKET OUTLET (SSO).
- 16A SANS 164–1 DOUBLE SSO.
- 16A SANS 164–1 SSO ON PEDESTAL.
- 16A SANS 164–2 3 PIN SSO.
- 16A SANS 164–1 AND 164–2 COMBINATION SSO.
- 16A SANS 164–4 RED SSO (IT SHAVED EARTH PIN)
- 16A SANS 164–4 RED SSO ON PEDESTAL.
- 3 PHASE C–FORM SSO.
- 2 POLE ISOLATOR
- 3 POLE ISOLATOR
- 4 POLE ISOLATOR
- 6A SANS 164–3 UNDIMMED SOCKET OUTLET.
- SINGLE LEVER ONE WAY LIGHT SWITCH.
- INTERMEDIATE LIGHT SWITCH
- TWO WAY LIGHT SWITCH
- MOTION SENSOR
- LIGHT SWITCH WITH MOTION SENSOR
- LINEAR LUMINARE
- BULKHEAD/DOWNLIGHTER, ETC.
- WALL MOUNTED LUMINARES
- POLE MOUNTED LUMINARE.
- TELEPHONE POINT.
- TELEPHONE POINT ON PEDESTAL.
- DIRECT OUTSIDE LINE TELEPHONE POINT (CALL BOX).
- TV OUTLET.
- DATA/COMMS OUTLET.
- BELL PUSH.
- BELL OUTLET.
- SIGN POINT.
- CLOCK OUTLET.
- PHOTOCELL
- REFERENCE TO QUANTITY i.e. 3No.
- REFERENCE TO A DETAIL i.e. DETAIL 2.
- REFERENCE TO AN ELECTRICAL NOTE i.e. NOTE 4.
- REFERENCE TO A STANDARD DRAWING i.e. STANDARD DRAWING No.34
- CABLE NUMBER – REFER CABLE SCHEDULE FOR DETAILS.
- LUMINARE TYPE "B" – REFER LUMINARE SCHEDULE.