

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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REV	DATE	BY	DESCRIPTION	CHK
B	09/7/24	NG	Detail A Added	
A	10/5/24	NG	General Revision	
0	8/6/23	CG	Original Issue	
REVISIONS				



PROJECT/SERVICES

Ikageng Police Station

Electrical Installation

Ground Floor
Small Power Layout

ENGINEER:	DRAWN BY:	DATE:	CHECKED:	SCALE:
S Nzama	NG	8/6/23		1:200
PROJECT No.	DRAWING No.	SHEET:	REV:	
23029	201		0	
FILE:	LAYERS:			



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 These will be withdrawn and checked at random.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 AT 500AFTL. 100x100 CONDUIT BOX AT 1400AFTL. 100x50 CONDUIT BOX AT 300AFTL. 100x50 CONDUIT BOX AT 1400AFTL. ROUND CONDUIT BOX. CLUSTER BOX (SIZE AS NOTED).	ROUND DRAW BOX 100x50 BOX BEHIND POWER SKIRTING CONDUIT TURNED UP (°) FOR DOWN DOWN CONDUCTOR TO EARTH OR EARTH TIE	DM – DOOR MONITOR CM – 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. SURGE TWIN AND EARTH CABLE ROUTE	OVERHEAD CAST-IN OVERHEAD ON SURFACE OR LAID ON CEILING. FLOOR SLAB CAST-IN. 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 & 164-2 COMBINATION SSO. 16A SANS 164-4 RED SSO (OR SHAVED EARTH PIN). 3 PHASE C-FORM SSO. 2 POLE ISOLATOR. 3 POLE ISOLATOR.	6A SANS 164-3 U/S SOCKET OUTLET. SINGLE LEVER ONE WAY LIGHT SWITCH. INTERMEDIATE LIGHT SWITCH. TWO WAY LIGHT SWITCH. MOTION SENSOR. LIGHT SWITCH WITH MOTION SENSOR.	LINEAR LUMINAIRE. BULKHEAD/DOWNLIGHTER, ETC. WALL MOUNTED LUMINAIRE. POLE MOUNTED LUMINAIRE.	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. LUMINAIRE TYPE "B" – REFER LUMINAIRE SCHEDULE.