



1 Ground Level\_HVAC  
1 : 100

**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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**FOR INFORMATION**

Drawing Notes

Key Value	Keynote Text
9	20 Amp IP65 Single Phase Isolator on power skirting for HVAC.
10	20 Amp IP65 Weather proof Single Phase Isolator for HVAC in ceiling.
13	20 Amp Three Phase Weather proof Isolator for HVAC in ceiling void at 3000mm AFFL.
14	20 Amp Single Phase Isolator for HVAC.
20	30 Amp Single Phase Weather proof Isolator for HVAC.
21	60 Amp Three Phase Weather proof Isolator for HVAC.

REVISIONS

NO.	DATE	DESCRIPTION	REV BY.

Designed By: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature: \_\_\_\_\_



Client: DUT Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

PROJECT: 23044 - Mainsini Police Station  
ADDRESS: ...  
DRAWING TITLE: GF- HVAC Power Plan

Service: Electrical	DATE: 09/09/24
Paper Size: A0	SCALE: 1 : 100
Drawn: JSK	Checked: MH
Approved: MH	REVISION:
IBUYA PROJECT NO.: 23044	IBUYA DRAWING NO.: 220
DOCUMENT NO.:	Approver

<p>NOTES: (1)- CONTRACTOR TO ENSURE MAX DISTANCE BETWEEN DRAW BOXES TO BE 21 METERS NOTWITHSTANDING ANYTHING TO CONTRARY.</p> <p>● 100 x 100 CONDUIT BOX ● 100 x 100 CONDUIT BOX AT 1400 AFFL ● 100 x 90 CONDUIT BOX ● 100 x 90 CONDUIT BOX AT 300 AFFL ● 100 x 90 CONDUIT BOX AT 1400 AFFL ● ROUND CONDUIT BOX ● CLUSTER BOX (SEE AS NOTED)</p> <p>● ROUND DRAW BOX ● 100 x 100 DRAW BOX ● 100 x 100 BOX REHAND POWER SWITCHING ● CONDUIT TURNED UP (↑) FOR DOWN ● DOWN CONDUCTOR TO EARTH (↓)</p> <p>● RM - ROUND MONITOR FOR ● DM - DOOR MONITOR ● CM - CAMERA ● AM - ACCESS CONTROL ● CR - CARD READER ● COM - COMMUNICATION INTERCOM ● RGM - RACK GROUND MISC ● EL - ELECTRIC LOCKS/TRE</p>	<p>(2)- DRAW BOXES REQUIRED AFTER EVERY 90 DEGREE BEND OR 180 DEGREE TOTAL OF 90 DEGREE BENDS</p> <p>20mm DA CONDUIT 25mm DA CONDUIT 32mm DA CONDUIT 35mm DA CONDUIT SECTION OF CONDUIT OMITTED FOR CLARITY SUPRN TWIN AND EARTH CABLE ROUTE</p> <p>OC - OVERHEAD CAST OS - OVERHEAD ON SURFACE OR LAID ON CEILING FC - FLOOR SLAB CAST IN FS - FLOOR SURFACE IN FLOOR VOID POWER SKIRTING TRUNKING CABLE RIELE/IE CABLE TRAY/LADDER</p>	<p>(3)- ALL UNARMED CONDUITS TO BE PROVIDED WITH DRAW WIRES. THESE WILL BE WITHDRAWN AND CHECKED AT RANDOM</p> <p>150 SQUARE GALV. STEEL DRAW TRAY SIZE AS SHOWN</p> <p>TELEPHONE JUNCTION BOX INTERCOM JUNCTION BOX DATA/COMM JUNCTION BOX SECURITY ETC. JUNCTION BOX DISTRIBUTION BOARD POSITION DB-1 BOARD DESIGNATION NUMBER</p>	<p>(4)- CAST IN CONDUITS TO BE SPACED AT A MINIMUM OF 150MM</p> <p>1 HA SANS 164 SWITCHED SOCKET OUTLET (SSO) 1 HA SANS 164 DOUBLE SSO 1 HA SANS 164 1 SSO ON PRECAST 1 HA SANS 164 2 PINS SSO 1 HA SANS 164 AND 162 COMBINATION SSO 1 HA SANS 164 RED SSO (IF SHAVED EARTH PIN) 1 HA SANS 164 RED SSO ON PRECAST 1 HA SANS 164 C-FORM SSO 1 HA SANS 164 UNSWITCHED SOCKET OUTLET</p> <p>3 POLE ISOLATOR 4 POLE ISOLATOR KEY LIGHT SWITCH SINGLE LEVER ONE WAY LIGHT SWITCH INTERMEDIATE LIGHT SWITCH TWO WAY LIGHT SWITCH RECESSED FLOOR BOX</p>	<p>(5)- LINEAR LUMINAIRE ● BULKHEAD DOWNLIGHTER ETC ● WALL MOUNTED LUMINAIRE ● POLE MOUNTED LUMINAIRE ● MOTION SENSOR ● LIGHT SWITCH WITH MOTION SENSOR</p> <p>LED PANEL LUMINAIRE BELL PUSH BELL OUTLET BORN POINT CLOCK OUTLET PHOTOCELL</p>	<p>TELEPHONE POINT TELEPHONE POINT ON PEDESTAL DIRECT OUTLINE TELEPHONE POINT (CALL BOX) TV OUTLET DATA/COMMS OUTLET</p> <p>REFERENCE TO QUANTITY (i.e. 3m) REFERENCE TO QUANTITY IN DETAIL (i.e. NOTE 4) REFERENCE TO STANDARD DRAWING (i.e. STANDARD DRAWING No. 35)</p> <p>CABLE NUMBER - REFER TO CABLE SCHEDULE FOR DETAILS LUMINAIRE TYPE 'S' - REFER TO LUMINAIRE SCHEDULE</p>
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