

GENERAL NOTES:

All boundaries, dimensions and levels are to be checked on site before construction and any discrepancies are to be reported to the Architect.

Partial Service: Any discrepancies with site or other information is to be advised to the Architect and direction or approval is to be sought before the implementation of the detail.

Do not scale this drawing.

For the purpose of coordination, all relevant parties must check this information prior to implementation and report any discrepancies to the Architect.

FOR INFORMATION

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

REVISIONS

NO.	DATE	DESCRIPTION	REV BY:
P01	2024/10/16	For Information	JSK

© COPYRIGHT. THIS DRAWING MAY NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS IN PART OR IN WHOLE WITHOUT THE PERMISSION OF THE DESIGNER. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH SANS CODE 10400, N.B.R & LOCAL AUTHORITY BYLAWS.

USE FIGURED DIMENSIONS ONLY - DO NOT SCALE. ANY CONSTRUCTION FROM THESE DRAWINGS IS AT OWNERS RISK.

ALL BOUNDARIES, DIMENSIONS AND LEVELS ARE TO BE CHECKED ON SITE BEFORE CONSTRUCTION AND ANY DISCREPANCIES ARE TO BE REPORTED TO THE ARCHITECT.

PARTIAL SERVICE: ANY DISCREPANCIES WITH SITE OR OTHER INFORMATION IS TO BE ADVISED TO THE ARCHITECT AND DIRECTION OR APPROVAL IS TO BE SOUGHT BEFORE IMPLEMENTATION OF THE DRAWING.

FOR THE PURPOSE OF COORDINATION, ALL RELEVANT PARTIES MUST CHECK THIS INFORMATION PRIOR TO IMPLEMENTATION AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.

Designed By: Signature: Date:



Client: DUT Signature: Date:

PROJECT: 23044 - Msimini Police Station

ADDRESS: ---

DRAWING TITLE: LG & FF - HVAC Power Plan

Services: Electrical DATE: 16/10/24

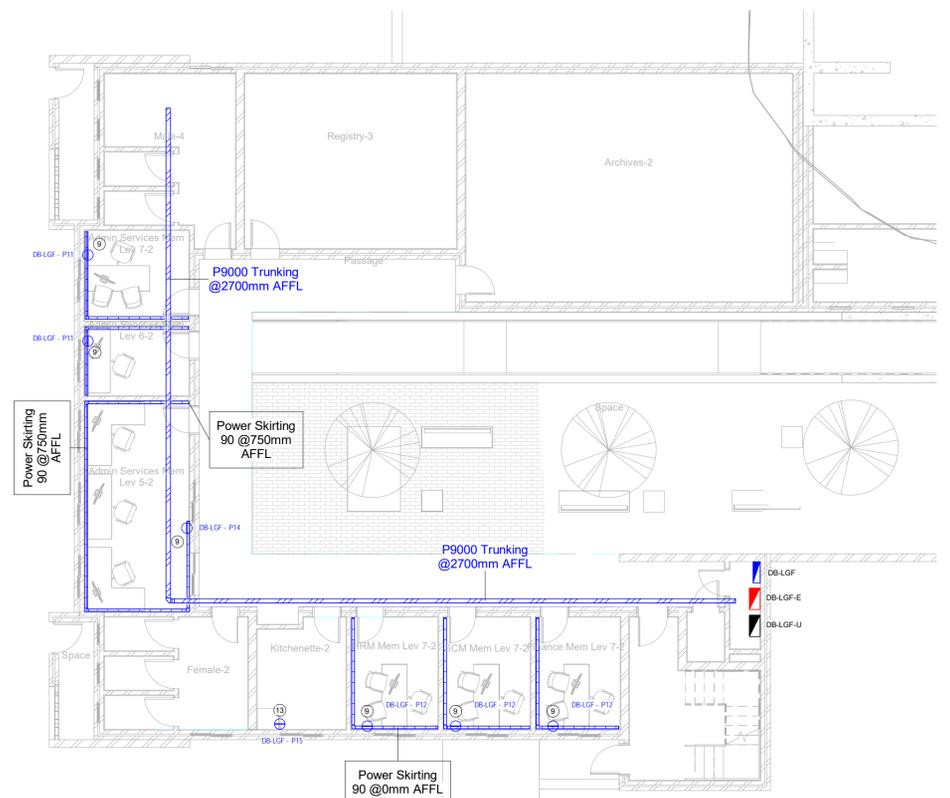
Paper Size: A1 SCALE: 1 : 100

Drawn: JSK Checked: MH Approved: MH

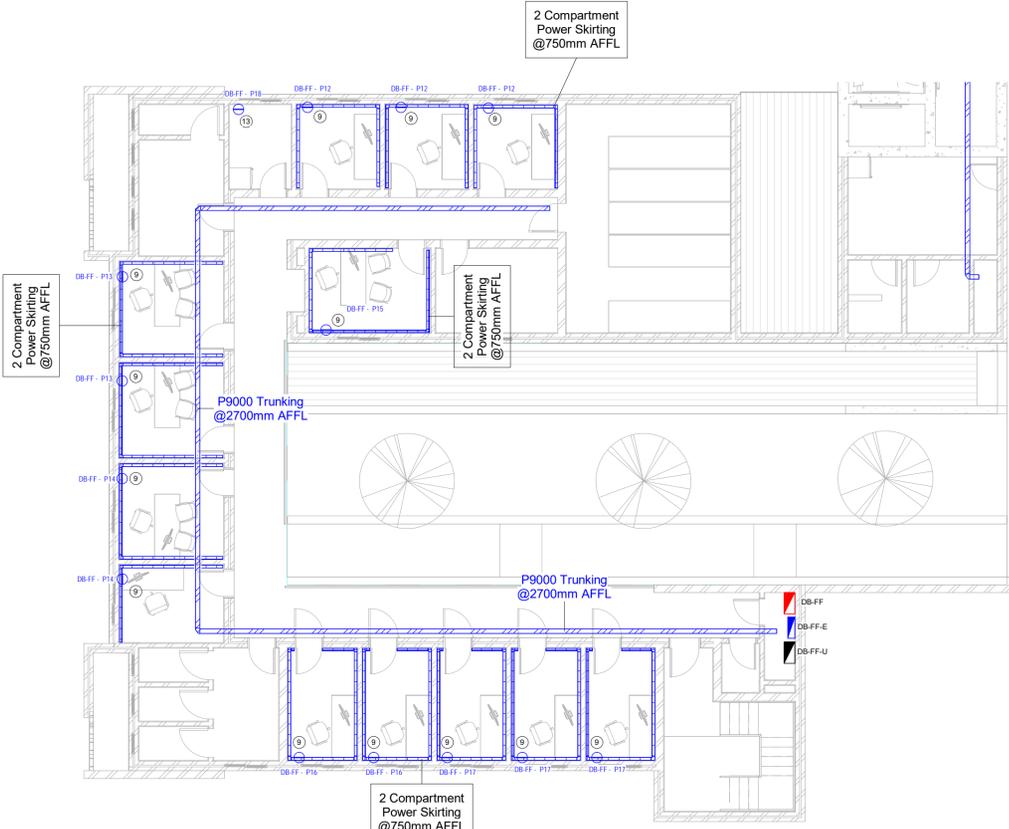
IBUYA PROJECT NO. 23044 REVISION: P01

IBUYA DRAWING NO.: 221 DOCUMENT NO.

1 Lower Ground Plan_HVAC
1 : 100



2 First Floor Plan_HVAC
1 : 100



NOTES:		(1) - CONTRACTOR TO ENSURE MAX DISTANCE BETWEEN DRAW BOXES TO BE 20 METERS NOTWITHSTANDING ANYTHING TO CONTRARY.		(2) - DRAW BOXES REQUIRED AFTER EVERY 90 DEGREE BEND OR 180 DEGREE 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 AT A MINIMUM OF 35MM.				
<ul style="list-style-type: none"> 100 x 100 CONDUIT BOX 100 x 100 CONDUIT BOX AT 500AFFL 100 x 100 CONDUIT BOX AT 1400AFFL 100 x 50 CONDUIT BOX 100 x 50 CONDUIT BOX AT 300AFFL 100 x 50 CONDUIT BOX AT 140AFFL ROUND CONDUIT BOX CLUSTER BOX(SIZE AS NOTED) 	<ul style="list-style-type: none"> ROUND DRAW BOX 100 x 100 DRAW BOX 100 x 100 BOX BEHIND POWER SKIRTING CONDUIT TURNED UP (↑) FOR DOWN DOWN CONDUCTOR TO EARTH TIE 	<ul style="list-style-type: none"> ROUND CONDUIT BOX FOR: DM - DOOR MONITOR DM - CAMERA AA - ACCESS CONTROL CR - CARD READER COM - COMMUNICATION/INTERCOM BGM - BACK GROUND MUSIC EL - ELECTRIC LOCK/STRIKE 	<ul style="list-style-type: none"> 20mm. DIA. CONDUIT 25mm. DIA. CONDUIT 32mm. DIA. CONDUIT 50mm. DIA. CONDUIT SECTION OF CONDUIT OMITTED FOR CLARITY TWIN AND EARTH CABLE ROUTE 	<ul style="list-style-type: none"> 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 SLEEVE CABLE TRAY/LADDER 	<ul style="list-style-type: none"> 150 SQUARE GALV. STEEL DRAW TRAY SIZE AS SHOWN T TELEPHONE JUNCTION BOX I INTERCOM JUNCTION BOX D DATA/COMMS JUNCTION BOX S SECURITY, ETC. JUNCTION BOX □ DISTRIBUTION BOARD POSITION DB-1 BOARD DESIGNATION NUMBER 	<ul style="list-style-type: none"> 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 (Ø SHAVED EARTH PIN) 16A SANS 164-4 RED SSO ON PEDESTAL 3 PHASE C-FORM SSO 	<ul style="list-style-type: none"> 16A SANS 164-4 UNSWITCHED SOCKET OUTLET 2 POLE ISOLATOR 3 POLE ISOLATOR 4 POLE ISOLATOR SINGLE LEVER ONE WAY LIGHT SWITCH INTERMEDIATE LIGHT SWITCH TWO WAY LIGHT SWITCH 	<ul style="list-style-type: none"> LINEAR LUMINAIRE BULKHEAD/DOWNLIGHTER, ETC WALL MOUNTED LUMINAIRES POLE MOUNTED LUMINAIRE MOTION SENSOR LIGHT SWITCH WITH MOTION SENSOR 	<ul style="list-style-type: none"> TELEPHONE POINT TELEPHONE POINT ON PEDESTAL DIRECT OUTSIDE LINE TELEPHONE POINT(CALL BOX) TV OUTLET DATA/COMMS OUTLET 	<ul style="list-style-type: none"> BELL PUSH BELL OUTLET SIGN POINT CLOCK OUTLET PHOTOCELL 	<ul style="list-style-type: none"> REFERENCE TO QUANTITY i.e. 3No REFERENCE TO QUANTITY i.e. DETAIL 2 i.e. NOTE 4 REFERENCE TO AN ELECTRICAL NOTE i.e. STANDARD DRAWING No.34 	<ul style="list-style-type: none"> CABLE NUMBER - REFER TO CABLE SCHEDULE FOR DETAILS LUMINAIRE TYPE "Ø" - REFER TO LUMINAIRE SCHEDULE