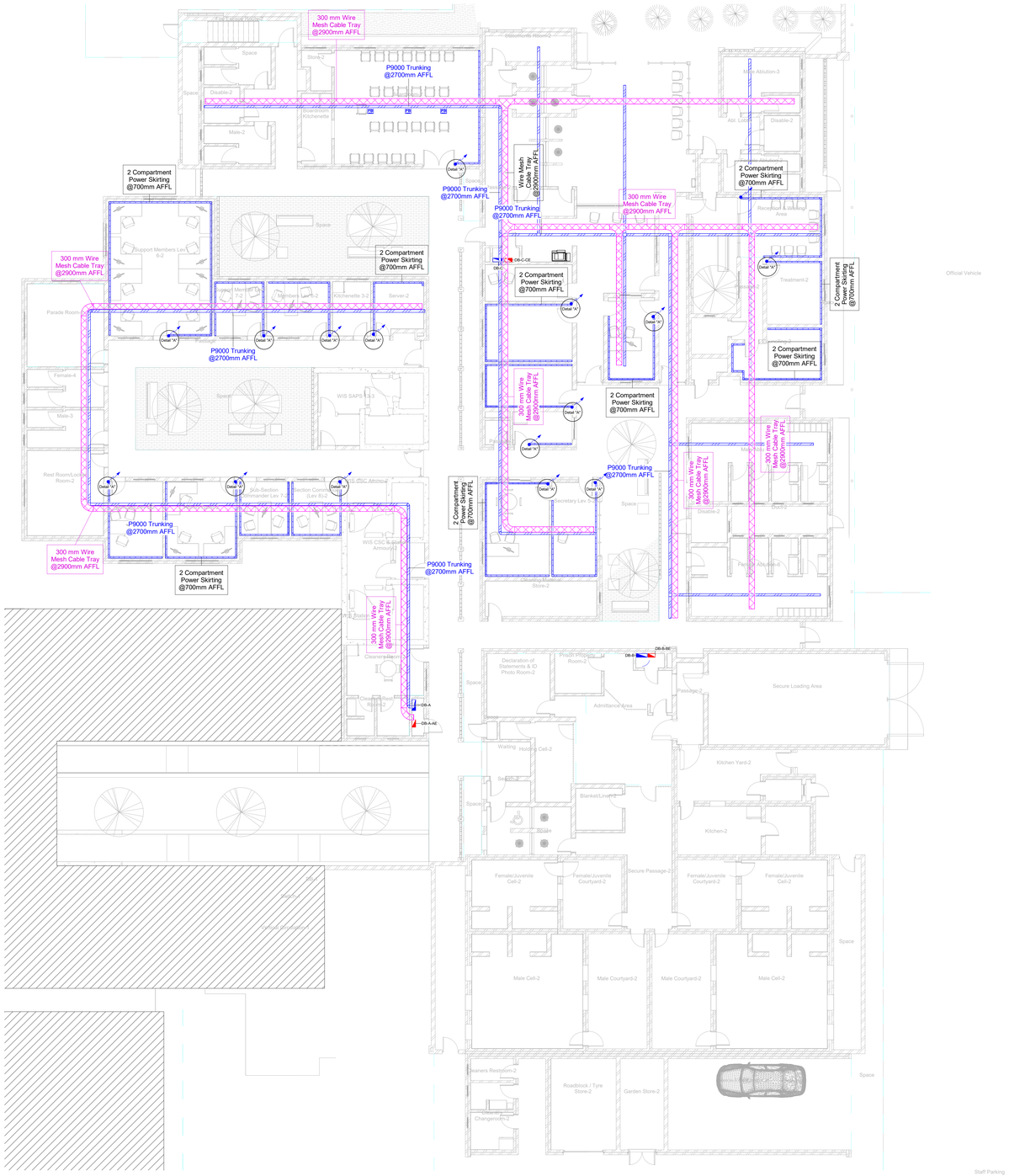
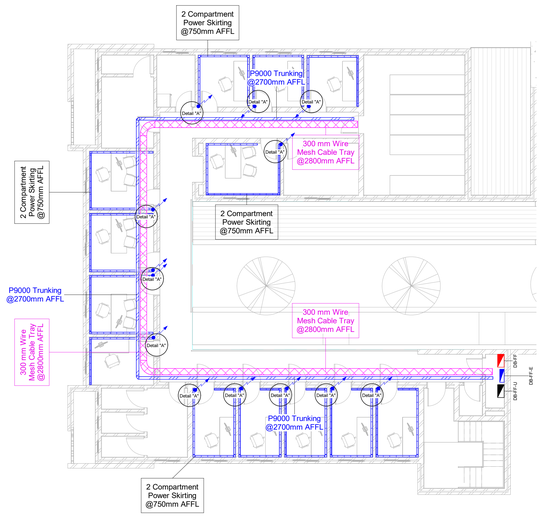
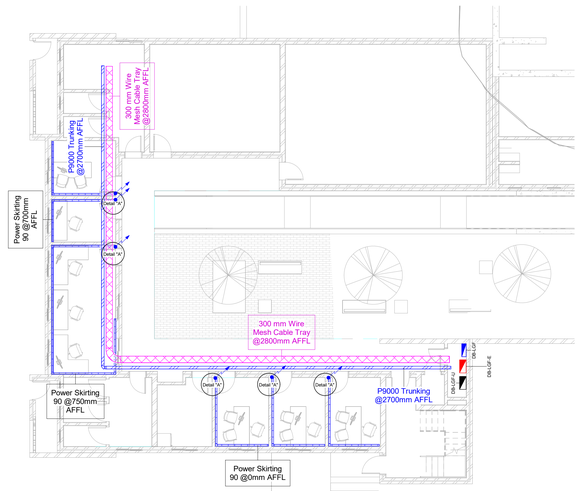


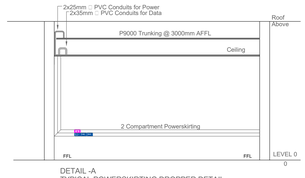
1 Ground Level_Power Skirting & Trunking & Ladders
1 : 100



2 First Floor Plan_Power Skirting & Trunking & Ladders
1 : 100



3 Lower Ground Plan_Power Skirting & Trunking & Ladders
1 : 100



DETAIL -A-
TYPICAL POWERSKIRTING DROPPER DETAIL

A Typ Powerskirting dropper detail
1 : 50

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

REVISIONS

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

Designed By:
Signature: Date:

IBUYA Consulting Engineers
"POWERING DEVELOPMENT"

Client: DUT
Signature: Date:

PROJECT:
23044 - Msinsini Police Station

ADDRESS:

DRAWING TITLE:
Power Skirting & Trunking & Ladders Layout

Services:	DATE:
Electrical	16/10/24
Paper Size: A0	SCALE: As indicated
Drawn: JSK / Checked: MH	Approved: MH
IBUYA PROJECT NO.: 23044	REVISION: P01
IBUYA DRAWING NO.: 230	
DOCUMENT NO.	

Approver

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 WITDRAWN AND CHECKED AT RANDOM.
(4) - CAST IN CONDUITS TO BE SPACED AT A MINIMUM OF 35MM.

- 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 1400AFFL
- ROUND CONDUIT BOX
- CLUSTER BOX(SIZE AS NOTED)
- ROUND DRAW BOX
- 100 x 100 DRAW BOX
- 100 x 100 BOX BEHIND POWER SKIRTING
- CONDUIT TURNED UP
- U (T/ FOR DOWN)
- DOWN CONDUCTOR TO EARTH TIE
- DM, CAM etc: ROUND CONDUIT BOX FOR: DM - DOOR MONITOR; CAM - CAMERA; AA - 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
- SURFIX
- TWIN AND EARTH
- CABLE ROUTE
- 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
- 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
- 16A SANS 164-1 SWITCHED SOCKET OUTLET (SSO)
- 16A SANS 164-1 DOUBLE SSO
- 16A SANS 164-1 SSO ON PEDESTAL
- KEY LIGHT SWITCH
- SINGLE LEVER ONE WAY LIGHT SWITCH
- INTERMEDIATE LIGHT SWITCH
- TWO WAY LIGHT SWITCH
- FB RECESSED FLOOR BOX
- 16A SANS 164-2 3 PIN SSO
- 16A SANS 164-1 AND 164-2 COMBINATION SSO
- 16A SANS 164-4 RED SSO (F SHAVED EARTH PIN)
- 16A SANS 164-4 RED SSO ON PEDESTAL
- 3 PHASE C-FORM SSO
- 16A SANS 164-4 UNSWITCHED SOCKET OUTLET
- 2 POLE ISOLATOR
- 3 POLE ISOLATOR
- 4 POLE ISOLATOR
- LINEAR LUMINARE
- BULKHEAD/DOWNLIGHTER, ETC
- WALL MOUNTED LUMINAIRES
- POLE MOUNTED LUMINAIRE
- MOTION SENSOR
- LIGHT SWITCH WITH MOTION SENSOR
- LED PANEL LUMINAIRE
- BELL PUSH
- BELL OUTLET
- SIGN POINT
- CLOCK OUTLET
- PHOTOCELL
- TELEPHONE POINT
- TELEPHONE POINT ON PEDESTAL
- DIRECT OUTSIDE LINE TELEPHONE POINT(CALL BOX)
- TV OUTLET
- DATA/COMMS OUTLET
- 1 REFERENCE TO QUANTITY i.e. 3No.
- 2 REFERENCE TO QUANTITY i.e. DETAIL 2.
- 3 REFERENCE TO AN ELECTRICAL NOTE i.e. NOTE 4
- 36 REFERENCE TO STANDARD DRAWING i.e. STANDARD DRAWING No.35
- 1 CABLE NUMBER - REFER TO CABLE SCHEDULE/FOR DETAILS
- B LUMINAIRE TYPE "B" - REFER TO LUMINAIRE SCHEDULE