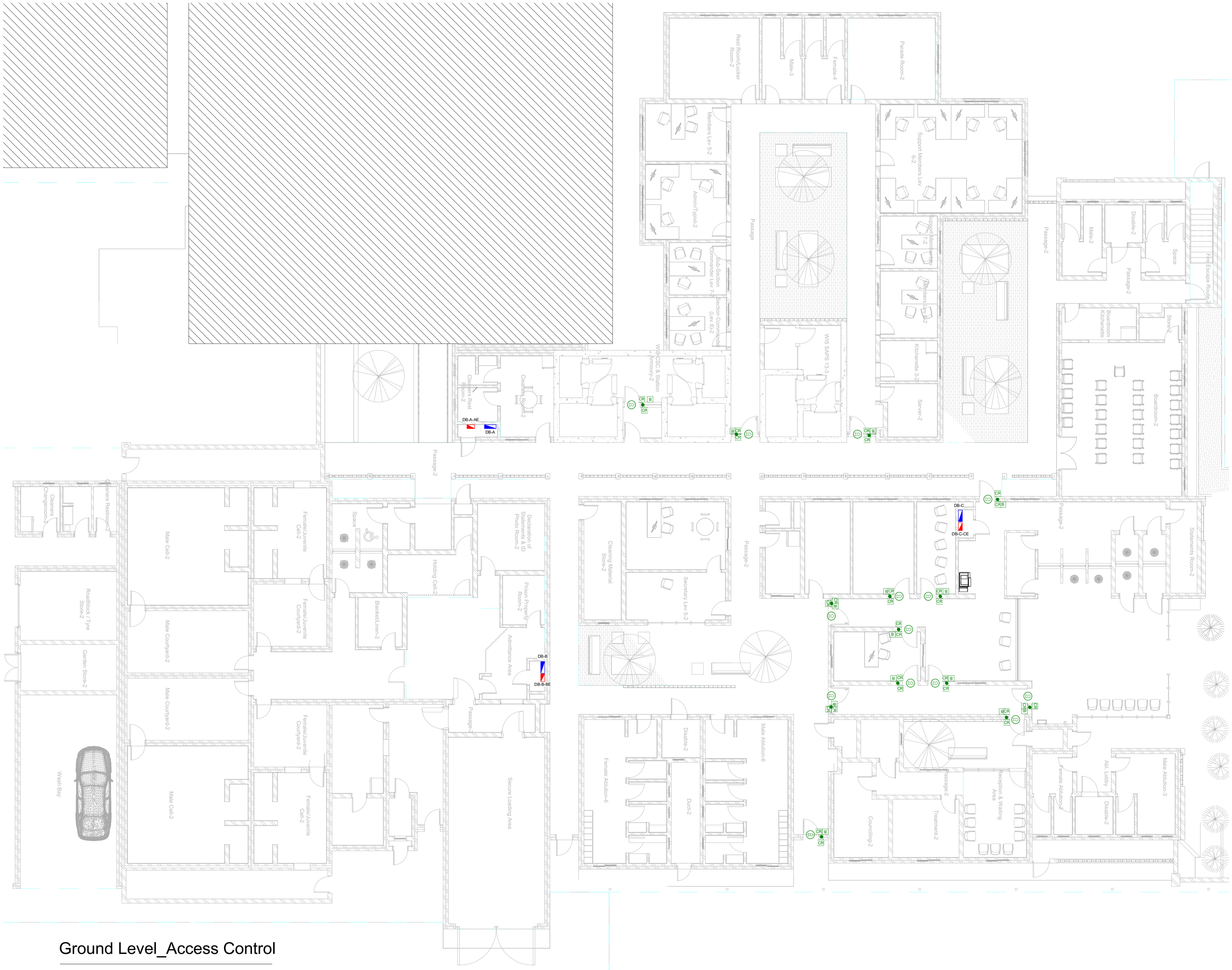

Ground Level_Access Control

1:100

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

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 OWNER'S 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:

IBUYA Consulting Engineers

"POWERING DEVELOPMENT"

Client: DUT

Signature: Date:

PROJECT:
23044 - Msinsini Police Station

ADDRESS:

DRAWING TITLE:
GF_Access Control Layout

Services:	DATE:
Electronics	16/10/24

Paper Size:	SCALE:
A1	1 : 100

Drawn:	Checked:	Approved:
JSK	MH	MH

IBUYA PROJECT NO.: 23044
IBUYA DRAWING NO.: 300
REVISION: P01
DOCUMENT NO.

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 MINUMUM OF 35MM.

- S 100 x 100 CONDUIT BOX
- S 100 x 100 CONDUIT BOX AT 500AFFL
- S 100 x 100 CONDUIT BOX AT 1400AFFL
- L 100 x 50 CONDUIT BOX
- L 100 x 50 CONDUIT BOX AT 300AFFL
- L 100 x 50 CONDUIT BOX AT 140AFFL
- ROUND CONDUIT BOX
- C CLUSTER BOX(SIZE AS NOTED)

- ROUND DRAW BOX
- S 100 x 100 DRAW BOX
- P 100 x 100 BOX BEHIND POWER SKIRTING
- CONDUIT TURNED UP
- U ("D" 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
- OMMITED FOR CLARITY
- S SURFIX
- U 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

- CCTV CAMERA
- CCTV CAMERA ON AUTO PANNING MOUNT
- CCTV CAMERA ON PAN & TILT MOUNT
- CCTV CAMERA ON AUTO PANNING IN DISCRETE OPAQUE DOME COVER
- INFRARED OR ULTRASONIC MOTION DETECTOR
- DOOR MONITOR - FLATLINE OF SYMBOL FACES ATTACK SIDE

- P 220 VOLT POWER OUTLET FACILITY
- S SIGNAL OUTLET 2x4/4x4 FLUSH CONDUIT BOX.
- S SECURITY CONTROL PANEL/ JUNCTION BOX
- ELECTRIC LOCK/STRIKE
- KEY SWITCH
- PO FLOOR PEDAL SWITCH
- SPRING RETURN PUSH BUTTON/LEVER RELEASE

- AA - ACCESS ALARM
- AC - ACCESS CONTROL
- CR - CARD READER
- EO - EXIT OVERRIDE
- AO - ALARM OVERRIDE
- DM - DOOR MONITOR
- CAM - CAMERA
- ER - ELECTRIC RELEASE
- EL - ELECTRIC LOCK/STRIKE
- MA - MOTION ALARM

- INTERCOM MASTER STATION
- INTERCOM SLAVE/SUBSTATION
- INTERCOM CALL PUSH BUTTON UNIT
- HORN/TRUMPET LOUDSPEAKER
- CEILING FLUSH MOUNTED LOUDSPEAKER
- WALL MOUNTED LOUDSPEAKER
- TALK-BACK WALL MOUNTED LOUDSPEAKER

- CR ACCESS CONTROL CARD READER
- CR POLE MOUNTED ACCESS CONTROL CARD READER
- C COMMUNICATION PANEL/JUNCTION BOX
- F FIRE ALARM PANEL/JUNCTION BOX
- B BREAK GLASS UNIT

- MICROPHONE
- ALARM BELL
- SMOKE IONISATION DETECTOR
- HEAT DETECTOR