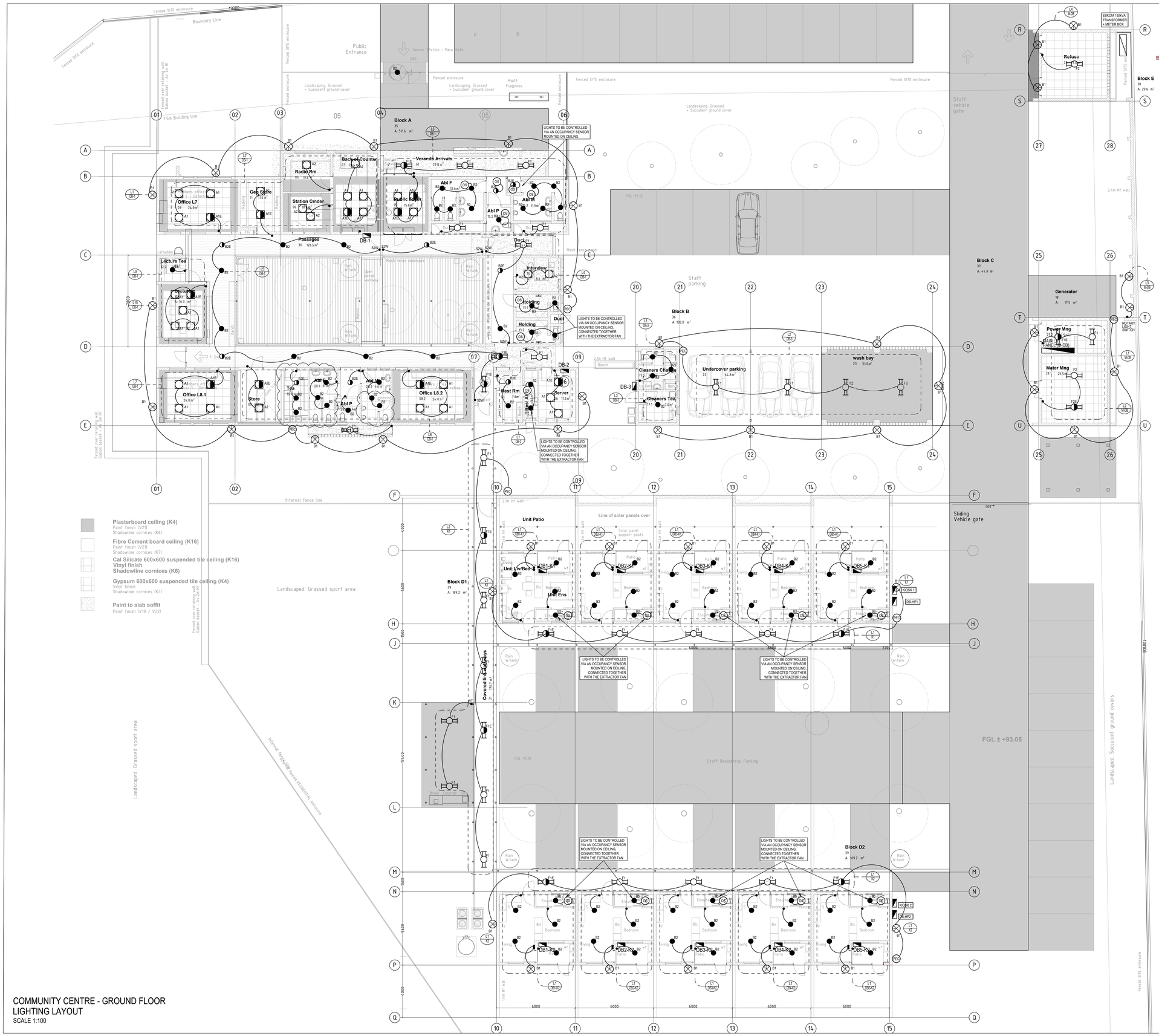
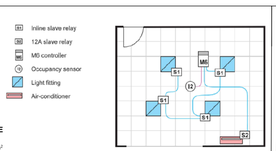


COMMUNITY CENTRE - GROUND FLOOR
LIGHTING LAYOUT
SCALE 1:100



LIGHTING WIRING DETAIL
SCALE N.T.S.

LEGEND

A1	30W RECESSED LED PANEL LIGHT 600x600mm, 220-240AC, 50/60Hz, PF 0.9, 3387-3651 lm, NEUTRAL WHITE 4000K
A2	30W SURFACE MOUNTED FRAME LED PANEL LIGHT 600x600mm, 220-240AC, 50/60Hz, PF 0.9, 3387-3651 lm, NEUTRAL WHITE 4000K
B1	16W BULKHEAD LED PRISMATIC CLEAR, 220-240AC, 50/60Hz, PF 0.9, 2190 lm, IP65 NEUTRAL WHITE 4000K LUMINAIRE
B2	9W CIRCULAR ALUMINIUM REFLECTOR LED DOWNLIGHT WITH ACRYLIC DIFFUSER WITH NIGHTLIGHT, 220-240AC, 50/60Hz, PF 0.9, 1250 lm, IP20, NEUTRAL WHITE 4000K LUMINAIRE
B3	26W VANDAL-RESISTANT LINEAR LED 2FT LUMINAIRE WITH POLYCARBONATE DIFFUSER WITHOUT NIGHTLIGHT, 198-277AC, 50Hz, PF 0.95, 3715 lm, IP66, NEUTRAL WHITE 4000K LUMINAIRE
PEC	PHOTO ELECTRIC CELL
F1	15W VANDAL-RESISTANT LINEAR LED 1FT LUMINAIRE WITH OPAQUE DIFFUSER WITHOUT NIGHTLIGHT, 198-277AC, 50Hz, PF 0.95, 3715lm, IP66, NEUTRAL WHITE 4000K LUMINAIRE
F2	55W VANDAL-RESISTANT LINEAR LED 2FT LUMINAIRE WITH OPAQUE DIFFUSER WITHOUT NIGHTLIGHT, 198-277AC, 50Hz, PF 0.95, 1635 lm, IP66, NEUTRAL WHITE 4000K LUMINAIRE
F1E	15W ROUGHGUARD LED WITH EMERGENCY BATTERY BACKUP
B2E	7W RONDO LED MAXI WITH EMERGENCY BATTERY BACKUP
A1E A2E	30W RECESSED LED PANEL LIGHT 600x600mm WITH EMERGENCY BATTERY BACKUP
	DISTRIBUTION BOARD (DB)

DATE	DESCRIPTION	BY	ENG
10-10-24	DB-HP1 and HP-2 added	TAA	BL
05-08-24	Legend updated, notes added	TAA	BL
05-07-24	Updates per Co-ord drawing	TAA	BL
06-06-24	Updates per DPW meeting	TAA	BL
11-02-24	Latest arch base inserted, received 07.02.24	TAA	BL
08-01-24	Latest arch base inserted, received 14.12.23	TAA	BL

DESIGNED	C. LEE	29-09-2023
DRAWN	T. A. A.	29-09-2023
CHECKED	B. LENKA (PrEng)	29-09-2023
APPROVED	B. LENKA (PrEng)	29-09-2023

CONSULTING ENGINEER:

Ningi CONSULTING ENGINEERS cc.
Consulting and Pro/Act Management by Professionals
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CLIENT:

PROJECT:
PROPOSED NTSHONGWE POLICE STATION

DRAWING TITLE:
COMMUNITY CENTRE & BARRACKS
GROUND FLOOR - LIGHTING LAYOUT
ELECTRICAL INSTALLATION

SCALE: 1 : 100	SHEET NO. 5 OF 10	A0
CONTRACT NO:	PROJECT No: 23003	

DRAWING No: NCE-23003-EE-05
REV 06

STATUS:
FOR INFORMATION

Signer ID: R1OTAS5913...
24-10-2024