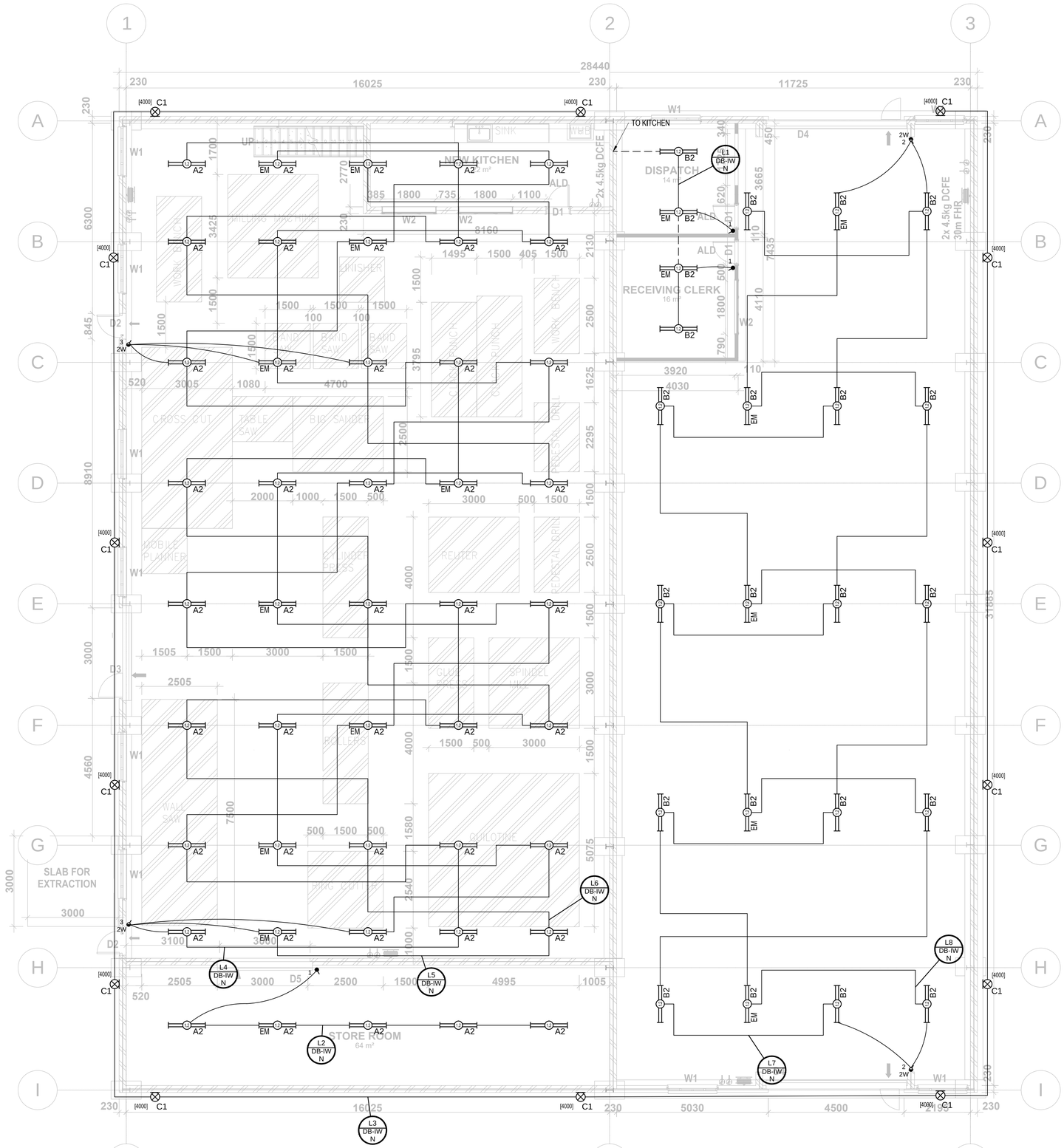

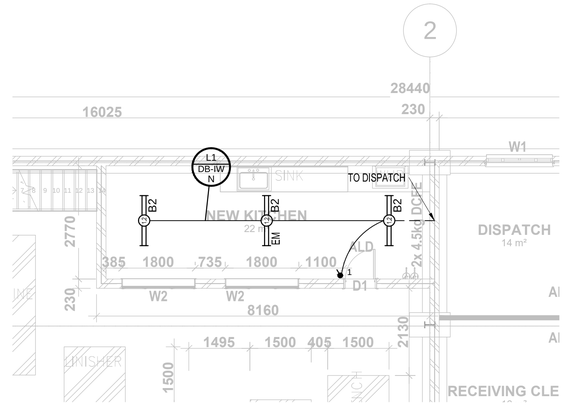

Lighting in kitchen

LEGEND:

- Distribution Board DB-G.
- DATA DP
- Circuit Reference: Circuit L1 on DB-G "X" Section X = N - Normal Power, G - Generator, U - UPS Y = C - Core, S1 - Suite 1, S2 - Suite 2, S3 - Suite 3 and S4 - Suite 4.
- Light Switching Indication.
- Light Circuit Indication.
- Conduit plus Galvanized draw wire.
- 16A 3-Pin Red Dedicated Single Switched Socket Outlet. Industrial type with metal cover.
- 16A 3-Pin Single Switched Socket Outlet. Industrial type with metal cover.
- 5A 3-Pin Double Un-switched Socket Outlet. Industrial type with metal cover.
- Double Pole Isolator. X = Ampere rating, W = Water proof. Industrial type as specified.
- Three Pole Isolator. X = Ampere rating, W = Water proof. Industrial type as specified.
- Power Pole of P1000 anchored to floor and fastened had up against P100 at top to make sturdy mounting for isolators for machinery.
- [1800] Height indication - 1800mm Above final floor/surface level.
- 2 Compartment 3-Tier Powerskirting.
- Light Switch in Wall Box equal to Clipsal LX Industrial range. 'X' is number of gangs.
- 2-Way Light Switch in Wall Box equal to Clipsal. 'X' is number of gangs.
- Intermediate Light Switch in Wall box equal to Clipsal. 'X' is number of gangs.
- Provision for Data Point in
  1) Power skirting - 1 x Cover plate with 50mmx50mm opening to accommodate 2 x 25mmx50mm RJ45 Data modules, or
  2) Dry Wall - 1 x 100mmx100mm wall box with S2000 Cover plate with 50mmx50mm opening to accommodate 2 x 25mmx50mm RJ45 Data modules, with 1x25mm conduit to data tray.
- Provision for Telephone Point in
  1) Power skirting - 1 x Cover plate with 50mmx50mm opening to accommodate 2 x 25mmx50mm RJ11 Telephone modules, or
  2) Dry Wall - 1 x 100mmx100mm wall box with S2000 Cover plate with 50mmx50mm opening to accommodate 2 x 25mmx50mm RJ11 Telephone modules with 1x25mm conduit to data tray.
- A2 — Type A2: Surface mounted linear fluorescent industrial open channel luminaire with high purity aluminium reflector and ECG as Lighting Innovations Trifocal. 2 x 28W T5 warm white (830) Lumen output > 2600
- B2 — Type B2: Surface mounted linear fluorescent industrial open channel luminaire with ECG as Lighting Innovations Alpha. 2 x 28W T5 warm white (830) Lumen output > 2600
- C1 — Type C1: Surface mounted LED bulkhead luminaire of corrosion-resistant high-pressure die-cast aluminium with high impact injection moulded acrylic diffuser which is IP 65 as Bekabulk LED. 18W LED warm white (<3000k)
- P1 — Type P1: Day / Night Photocell switch
- EM — Emergency Control Gear - Maintained - At least 60 min.

ELECTRICAL NOTES:

All luminaires and controlgear shall bear the approved mark of the SABS.

1. All Light switches to be at 1300mm AFFL unless otherwise specified.
2. Light switches in Workshop to be Industrial type equal to Clipsal LX range.
3. Install 2 x 20mm conduits for power and 2 x 25mm conduits for data to gate motors.
4. Install 2 x 20mm conduits for power and 2 x 25mm conduits for data to goose neck positions.

D.O. REV	DATE	*** REVISION ***	REV BY	CHKD BY	AUTH BY	KKS APP	REFERENCE DRAWINGS
		FOR CONSTRUCTION					
		FOR APPROVAL					

INDEX REFERENCE :

DRG REGISTER

KKS APP

AUTH BY

CHKD BY

DRAWN BY

SCALE

APPROVED BY :

AUTHORISED BY :

ROTEK ROSHCON SOC LIMITED
REG. No.
1964/003378/07
1990/000407/07

PROPOSED ALTERATION AND ADDITION TO TSS INSULATION WORKSHOP AND SHELTERED STORAGE ROSHERVILLE X14

WORKSHOP LIGHTING LAYOUT

15040-77-00-004

DOC TYPE	SHEET	REV
	1	0

A1