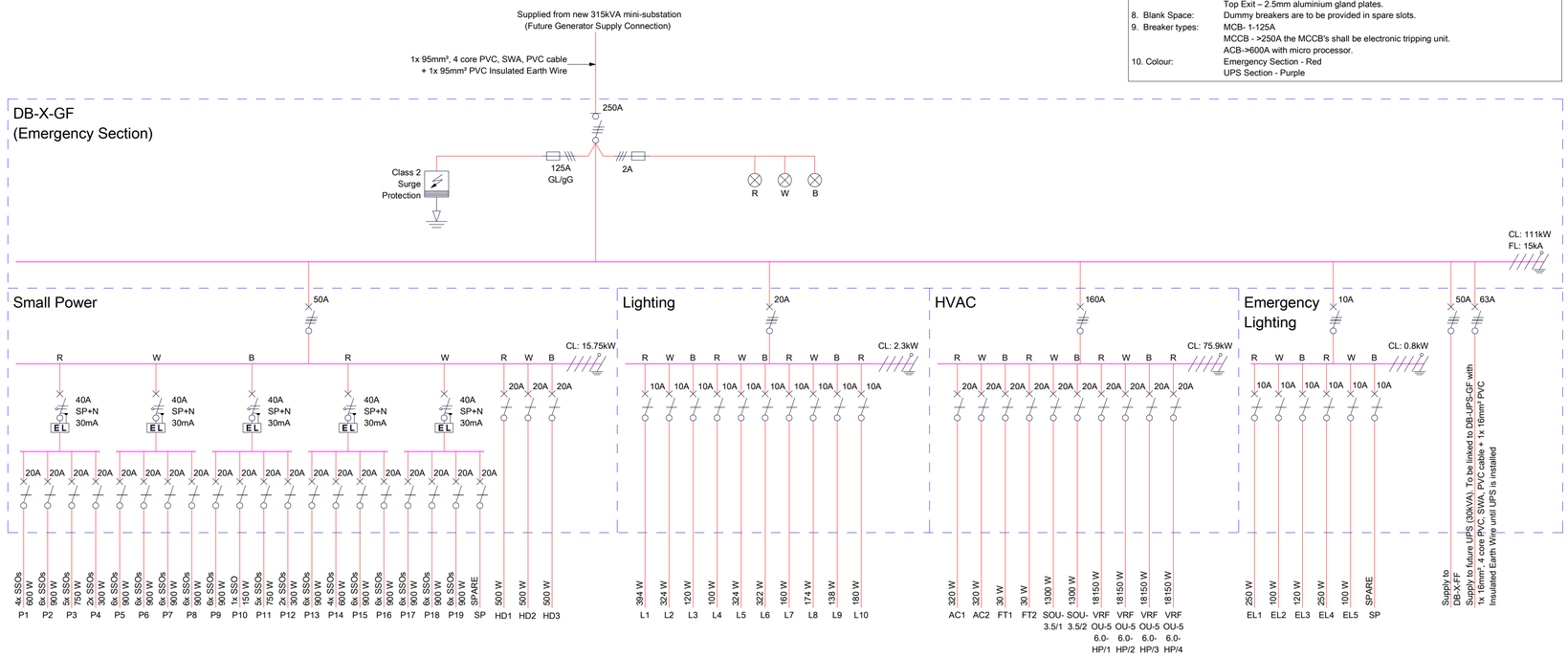
Note:
1. DB Standards: All distribution boards (DB's) 10kA or above are to be fully type tested (SANS 10142-1). All DB's to comply to SANS 60439 series.
2. Panel Type: Surface wall mounted with doors.
3. DB Form: Form 2B. As per compartments on single line diagram
4. IP Rating: IP 3X
5. Terminals: All control wiring to be wired to terminals.
6. Spare Space: 30% Spare Space must be allowed.
7. Gland Plates: Top Entry – 2.5mm aluminium gland plates. Top Exit – 2.5mm aluminium gland plates.
8. Blank Space: Dummy breakers are to be provided in spare slots.
9. Breaker types: MCB- 1-125A; MCCB - >250A the MCCB's shall be electronic tripping unit.; ACB->600A with micro processor.
10. Colour: Emergency Section - Red; UPS Section - Purple



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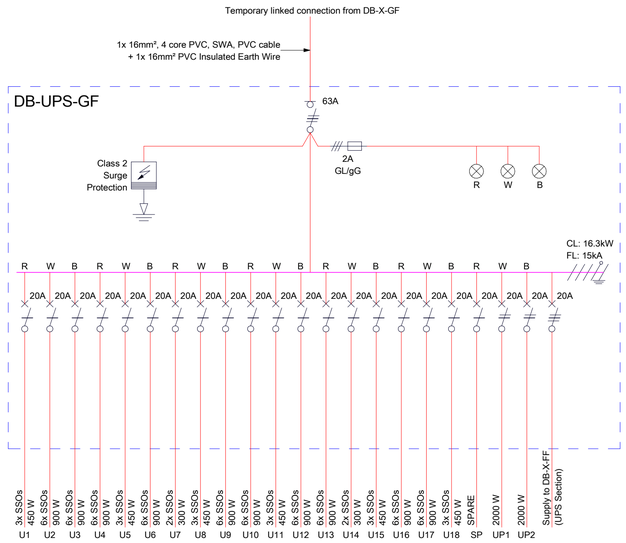

DB-X-GF & DB-UPS-GF - Single Line Diagram

N.T.S

Revisions:

Rev	Description	Date	By
0	Issued for Tender	08.09.2022	HP

Standard Electrical Notes:

This drawing only shows the electrical installation requirements.

The subcontractor must consult the other drawings relevant to this section of the project to ensure that in fixing his work it will comply with the overall requirements of the visual design as shown on the architect's drawings and that it will not obstruct the fixing or future maintenance of other services.

The subcontractor is responsible with the main contractor for correct field dimensions, clearances and heights, quantities, fabrication processes and techniques of construction, co-ordination of his work with that of all other trades and for providing all devices necessary for safe and satisfactory operation.

Legend:

- Single pole circuit breaker
- Double pole circuit breaker
- Triple pole circuit breaker
- Single phase earth leakage with overload protection
- Triple pole isolator
- Triple pole fuse
- Triple pole contactor
- Earth rod
- Three phase neutral and earth
- Out going terminal
- Three phase and neutral surge arrestor
- Indicator light

This drawing is based on Architects drawing No: N/A

DTM MECHANICAL & ELECTRICAL CONSULTING ENGINEERS

GAUTENG
S&P House, Cnr. Lenchen Avenue
North & South Street, Centurion
PO Box 7270, Centurion, 0046,
RSA

drawing@dtm-gauteng.co.za
info@dtm-gauteng.co.za

WESTERN CAPE
Tel: +27 (0) 21 423-6955/6

KWAZULU NATAL
Tel: +27 (0) 31 202-6244/6394

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Project:

LETABA COLLEGE

Drawing Title:

DB-X-GF & DB-UPS-GF - Single Line Diagram

Designed	Drawn	Checked		Passed	Date	Size
		Quality	Design	PR Eng		A1
AG	GG	SE	AG	CP	17.08.2022	Scale
						1 : 100

Drawing Status : **Issued for Tender**

Project Number	Division	Service	Drawing Number	Revision
211056	E	E	111	0

08/09/2022 13:07:11