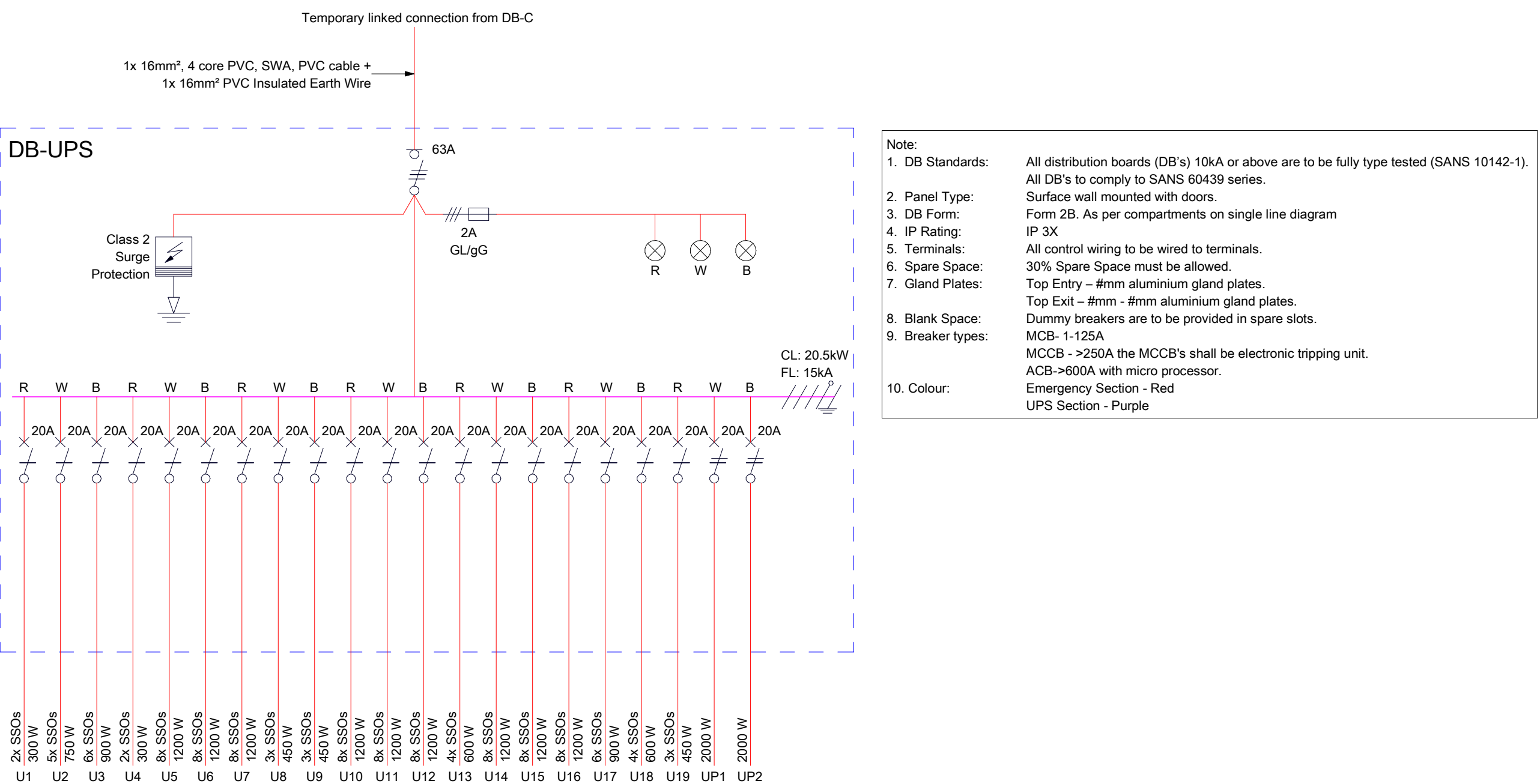


- Note:
- DB Standards: All distribution boards (DB's) 10kA or above are to be fully type tested (SANS 10142-1). All DB's to comply to SANS 60439 series.
 - Panel Type: Surface wall mounted with doors.
 - DB Form: Form 2B. As per compartments on single line diagram
 - IP Rating: IP 3X
 - Terminals: All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



DB-C & DB-UPS - 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 arrester
- Indicator light

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

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Project:

LETABA COLLEGE

Drawing Title:

DB-C & DB-UPS - Single Line Diagram

Designed	Drawn	Checked		Passed	Date	Size
		Quality	Design	PR Eng	17.08.2022	A1
		SE	AG	CP		Scale 1 : 100
Drawing Status : Issued for Tender						
Project Number	Division	Service	Drawing Number	Revision		
211056	E	E	110	0		