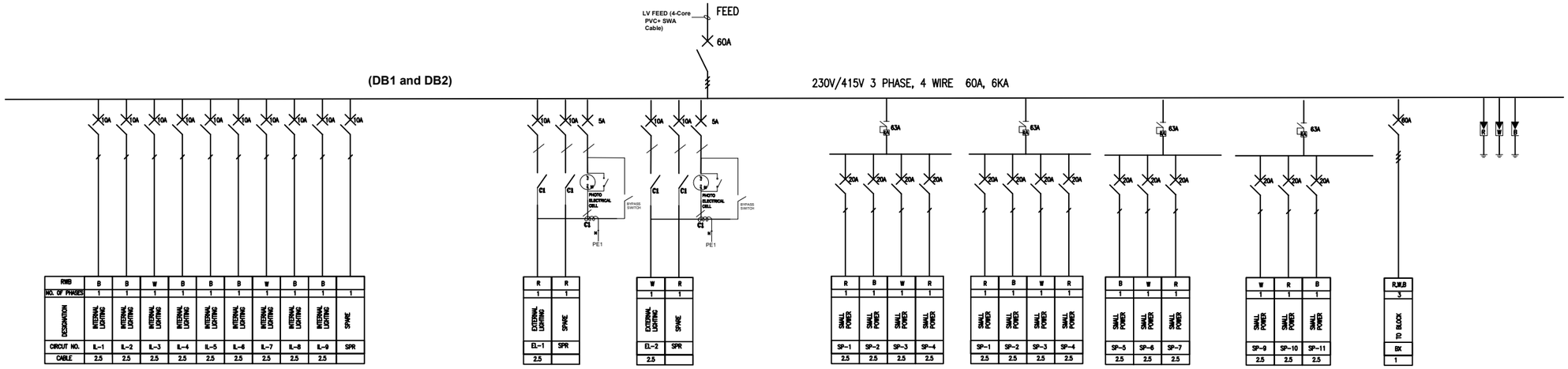

NOTES:

1. TOP AND BOTTOM ENTRY CABLE ENTRY/EXIT REQUIRED.
2. DB DIMENSIONS MUST BE CONFIRMED BEFORE MANUFACTURE.
3. CONTRACTOR MUST TAKE INTO ACCOUNT, ROOM SIZE AND CO-ORDINATION OF OTHER SERVICES
4. MCB'S SHALL HAVE OVERLOAD AND SHORT CIRCUIT PROTECTION.
5. COLOUR- CONTRACTOR TO CONFIRM COLOUR ON SITE
6. DISTRIBUTION BOARD MUST BE IN ACCORDANCE TO SANS 61439
7. DISTRIBUTION BOARD MUST HAVE 3 LABELING CARDS- 1x LAMINATED
8. ALL LABELING TO BE DONE IN TRAFOLLITE (BLACK LETTERS WITH WHITE BACKGROUND)
9. DISTRIBUTION BOARD TO HAVE EXTERNAL LABELING INCLUDING DB FED FROM, FEED CABLE SIZE AND DB DESIGNATION
10. DISTRIBUTION BOARD TO HAVE NUMBERING SEQUENCE
11. DISTRIBUTION BOARD TO HAVE J LOCK HANDLE (Including Locks)
12. SWITCHBOARD CONSTRUCTION MATERIAL 3CR12

LEGEND

(EQUIVALENTS TO BE APPROVED BY ENGINEER)

- CIRCUIT BREAKER AND ISOLATOR
- EARTH LEAKAGE UNIT
- SURGE ARRESTOR
- PHOTO CELL-(DAY/NIGHT SWITCH) - 5A BYPASS SWITCH

NOTES

ALL EQUIPMENT TO BE SABS APPROVED AND HAVE RELEVANT GUARANTEES

ALL EQUIPMENT TO HAVE SPECIFICATIONS SHEETS AS REQUIRED FOR CLOSE OUT

ALL DB'S TO HAVE 20% SPARE CAPACITY

No.	REVISION	DATE	ZONE	BY

DEVELOPMENT BANK OF SOUTHERN AFRICA

1258 LEVER ROAD,
HEADWAY HILL,
MIDRAND
1685

TEL: 011 313 3500

SIGN OFF REGISTER

Organisation	Name	Signature	Date

CONSULTANT:

ISENZEKO ENGINEERING

TELEFAX : 031 562 0291
E-MAIL : isenzeko@telkomsa.net

DISCIPLINE
ELECTRICAL

SERVICE

Western Holdings Primary School

DRAWING TITLE

SINGLE LINE DIAGRAM

FOR CONSTRUCTION

SCALE	DRAWN	DATE	CHECKED
NTS	D.G	APR 2023	V.H

LAST REVISION: 000

DRAWING TILE

SINGLE LINE DIAGRAM DB1 & DB2

DRAWING No.

WHPS-SLD-DB1 &DB2 -REV000