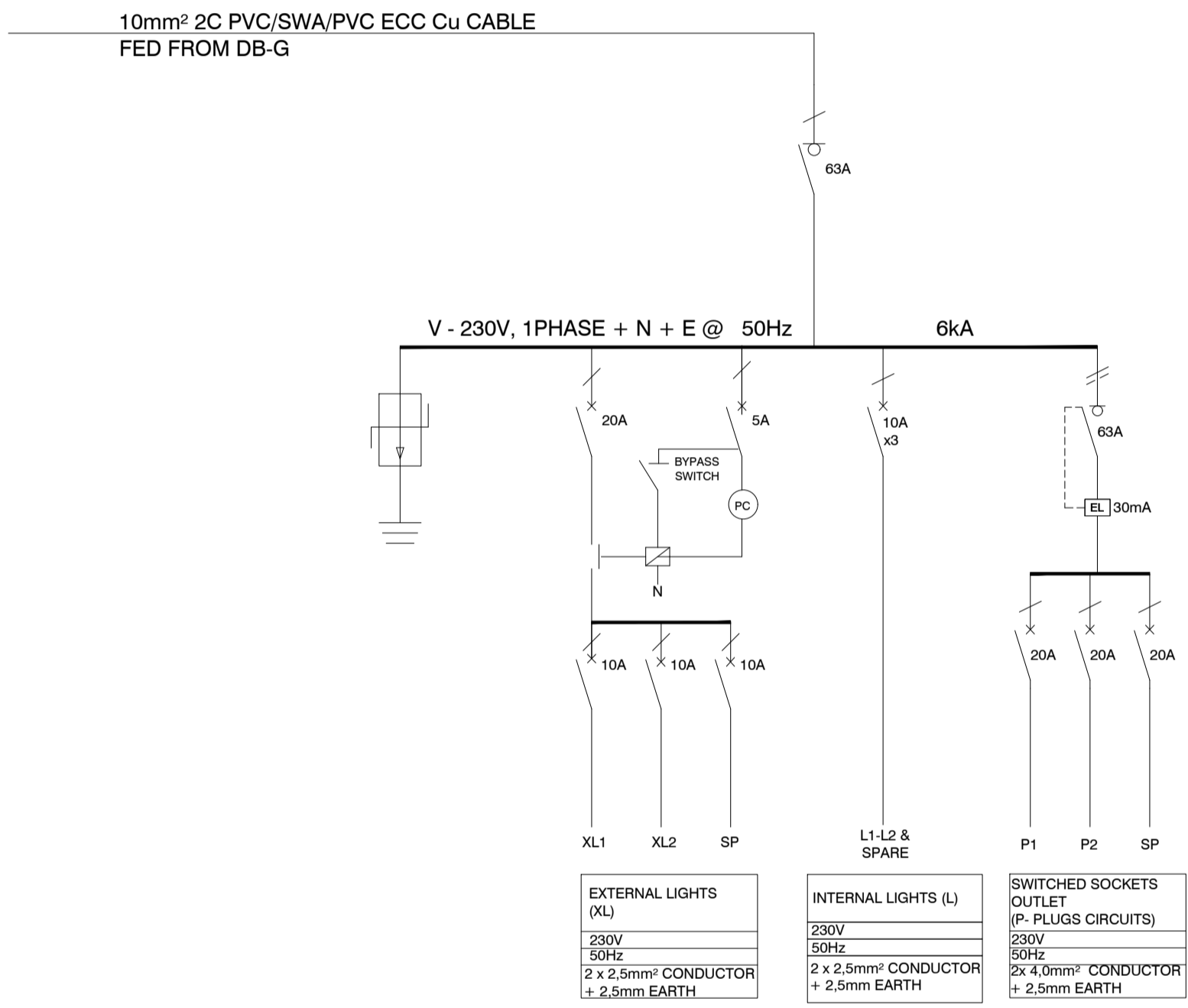


ADDITIONAL NOTES	BOARD INFORMATION
1. THIS DB SHALL COMPLY WITH SANS 1973/61439 AND SHALL BE DESIGNED AND MANUFACTURED BY A SPECIALIST SWITCHBOARD MANUFACTURER.	NAME OF DB : DB-I
2. ALL EQUIPMENT SHALL COMPLY TO THE RELEVANT SANS STANDARDS.	LOCATION : CLASSROOM CL5-C
3. CASCADING CIRCUIT BREAKERS MUST BE USED.	MOUNTING : RECESSED
4. THE ICU OF CIRCUIT BREAKER IS THE SAME AS FOR FEEDING BUSBAR.	IP CLASS : 54
5. PROVIDE 20% SPARE SPACE.	CABLE ENTRY : TOP FEEDERS AND BOTTOM FEEDERS
6. MATERIAL SHALL BE 1.6mm WHITE MILD STEEL WITH POWDER COATED EPOXY.	DOOR REQUIRED : YES, MAIN BREAKER TO PRO-TRUDE
7. NEUTRAL AND EARTH BAR MUST BE EQUAL TO PHASE BAR.	COLOUR DB PLATE : WHITE
8. NO MIX OF BRANDS.	



ADDITIONAL NOTES	BOARD INFORMATION
1. THIS DB SHALL COMPLY WITH SANS 1973/61439 AND SHALL BE DESIGNED AND MANUFACTURED BY A SPECIALIST SWITCHBOARD MANUFACTURER.	NAME OF DB : DB-J
2. ALL EQUIPMENT SHALL COMPLY TO THE RELEVANT SANS STANDARDS.	LOCATION : LIBRARY
3. CASCADING CIRCUIT BREAKERS MUST BE USED.	MOUNTING : RECESSED
4. THE ICU OF CIRCUIT BREAKER IS THE SAME AS FOR FEEDING BUSBAR.	IP CLASS : 54
5. PROVIDE 20% SPARE SPACE.	CABLE ENTRY : TOP FEEDERS AND BOTTOM FEEDERS
6. MATERIAL SHALL BE 1.6mm WHITE MILD STEEL WITH POWDER COATED EPOXY.	DOOR REQUIRED : YES, MAIN BREAKER TO PRO-TRUDE
7. NEUTRAL AND EARTH BAR MUST BE EQUAL TO PHASE BAR.	COLOUR DB PLATE : WHITE
8. NO MIX OF BRANDS.	

LEGEND	
	3 POLE CIRCUIT BREAKER
	1 POLE CIRCUIT BREAKER
	3 POLE ISOLATOR
	1 POLE ISOLATOR
	EARTHING
	1/ 3 PHASE CONTACTOR
	PHOTO ELECTRIC CELL
	kwh- POWER MASTER METER AS PER SPECIFICATION
	SURGE ARRESTER
	2 POLE (L+N) EARTH LEAKAGE UNIT

NOTES:

REFERENCE DRAWING

NO.	DRAWING NUMBER	DESCRIPTION
1	3001	CL5-A, CL5-B, CL5-C & LIBRARY BLOCK LIGHTING LAYOUT PLAN
2	3003	CL5-A, CL5-B, CL5-C & LIBRARY BLOCK POWER LAYOUT PLAN
3	3005	DB-A & DB-B SINGLE LINE DIAGRAM
4	3011	RETICULATION LAYOUT

REVISION

NO.	DATE	REVISION	REV. BY
1	15/12/2022	ISSUED FOR TENDER	L MKHZIE

LODEMANN HOLDINGS SIGNATURES

NAME	SIGNATURE	DATE
DESIGNED	N. MISOBI	
DRAWN BY	L. MKHIZE	
ENGINEER	T. MBATHA	
PROJECT MANAGER	K. SHAZI	

CLIENT DEPARTMENT SIGNATURES

FACILITY STAMP

FACILITY MANAGER

INFRASTRUCTURE MANAGER

GENERAL MANAGER

Checked by Professional Consultant

Name

Signature

Date

SIGPRO

ENGINEERING AND PROJECT MANAGEMENT

DBSA

Development Bank of Southern Africa

NORTHERN REGION

Project:

KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTENANCE PROGRAMME

Drawing Description:

DLAMVUZO HIGH SCHOOL

DB-I CLASSROOM CL5-C & DB-J LIBRARY SINGLE LINE DIAGRAM

Drawn: SIGPRO

Date: 02/10/2022

Scale/s:

N.T.S (A1)

Consultant Drawing Number:

1013-017-3010

DBSA Drawing number

500121952

Stamped by Plans Approval Committee