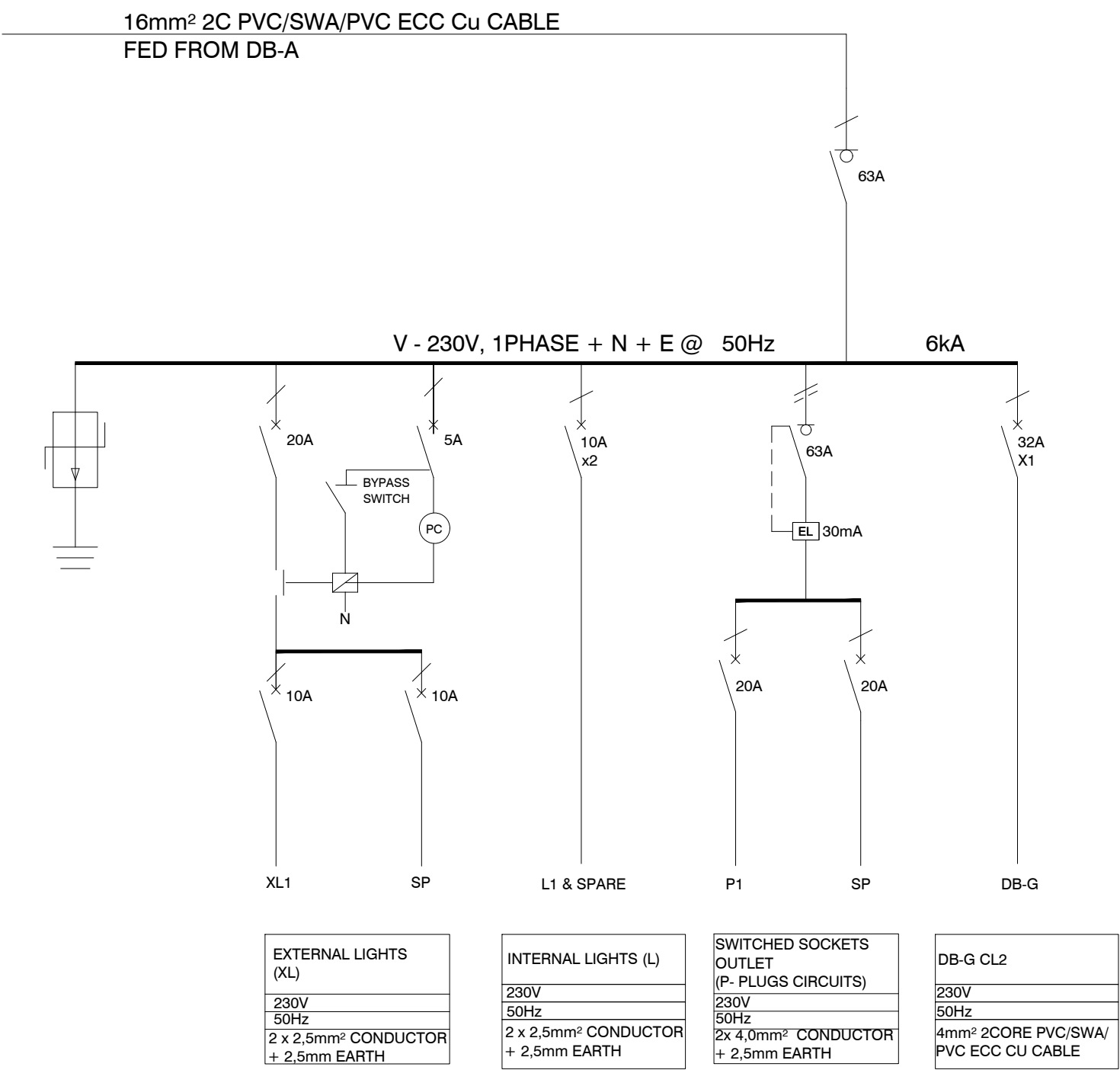
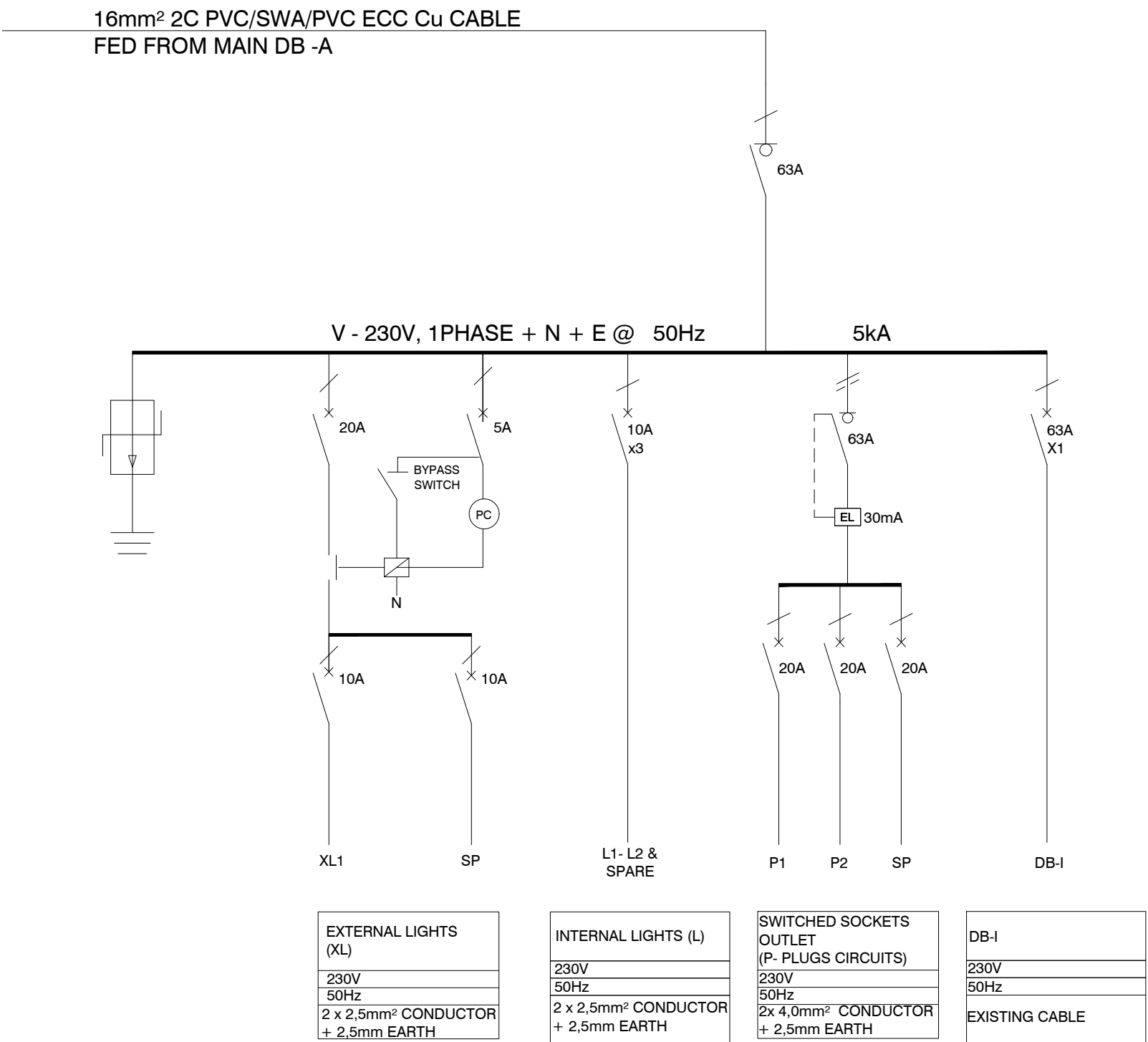


LEGEND	
	3 POLE CIRCUIT BREAKER
	1 POLE CIRCUIT BREAKER
	3 POLE ISOLATOR
	1 POLE ISOLATOR
	EARTHING
	1/ 3 PHASE CONTACTOR
	PHOTO ELECTRIC CELL
	kwh- POWER MASTER METER AS PER SPECIFICATION
	SURGE ARRESTER
	2 POLE (L+N) EARTH LEAKAGE UNIT



ADDITIONAL NOTES	BOARD INFORMATION
1. THIS DB SHALL COMPLY WITH SANS 1973/61439 AND SHALL BE DESIGNED AND MANUFACTURED BY A SPECIALIST SWITCHBOARD MANUFACTURER. 2. ALL EQUIPMENT SHALL COMPLY TO THE RELEVANT SANS STANDARDS. 3. CASCADING CIRCUIT BREAKERS MUST BE USED. 4. THE ICU OF CIRCUIT BREAKER IS THE SAME AS FOR FEEDING BUSBAR. 5. PROVIDE 20% SPARE SPACE. 6. MATERIAL SHALL BE 1,6mm WHITE MILD STEEL WITH POWDER COATED EPOXY. 7. NEUTRAL AND EARTH BAR MUST BE EQUAL TO PHASE BAR. 8. NO MIX OF BRANDS.	NAME OF DB : DB-E LOCATION :EXISTING CL3 MOUNTING : SURFACE MOUNTED IP CLASS : 54 CABLE ENTRY : TOP FEEDERS AND BOTTOM FEEDERS DOOR REQUIRED : YES, MAIN BREAKER TO PRO-TRUDE COLOUR DB PLATE : WHITE

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

NOTES:

REFERENCE DRAWING

NO.	DRAWING NUMBER	DESCRIPTION
1	3001	EXISTING CL3 & CL2 LIGHTING LAYOUT
2	3004	EXISTING CL3 & CL2 POWER LAYOUT
3	3005	DB-A AND DB-B SINGLE LINE DIAGRAM
4	3006	DB-C AND DB-D SINGLE LINE DIAGRAM
5	3007	DB-E AND DB-F SINGLE LINE DIAGRAM
6	3008	DB-G AND DB-H SINGLE LINE DIAGRAM
7	3009	RETICULATION LAYOUT

REVISION

1	30/11/2022	ISSUED FOR TENDER	L. MKHIZE
NO.	DATE	REVISION	REV. BY

LODEMANN HOLDINGS SIGNATURES

NAME	SIGNATURE	DATE
DESIGNED T. MBATHA		
DRAWN BY L. MOKHE		
ENGINEER L. NYONI		
PROJECT MANAGER K. SHALI		

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:

MATAMZANE DUBE SECONDARY SCHOOL
DB-E CL-3 AND DB-F CL-2
SINGLE LINE DIAGRAMS

Drawn: SIGPRO

Date: 30/11/2022

Scale/s:

N.T.S (A1)

Consultant Drawing Number:

1013-023-3007

DBSA Drawing number

500124283

Stamped by Plans Approval Committee