

LIGHTS
230V
50Hz
2x 2.5mm² + 2.5mm² EARTH CONDUCTOR

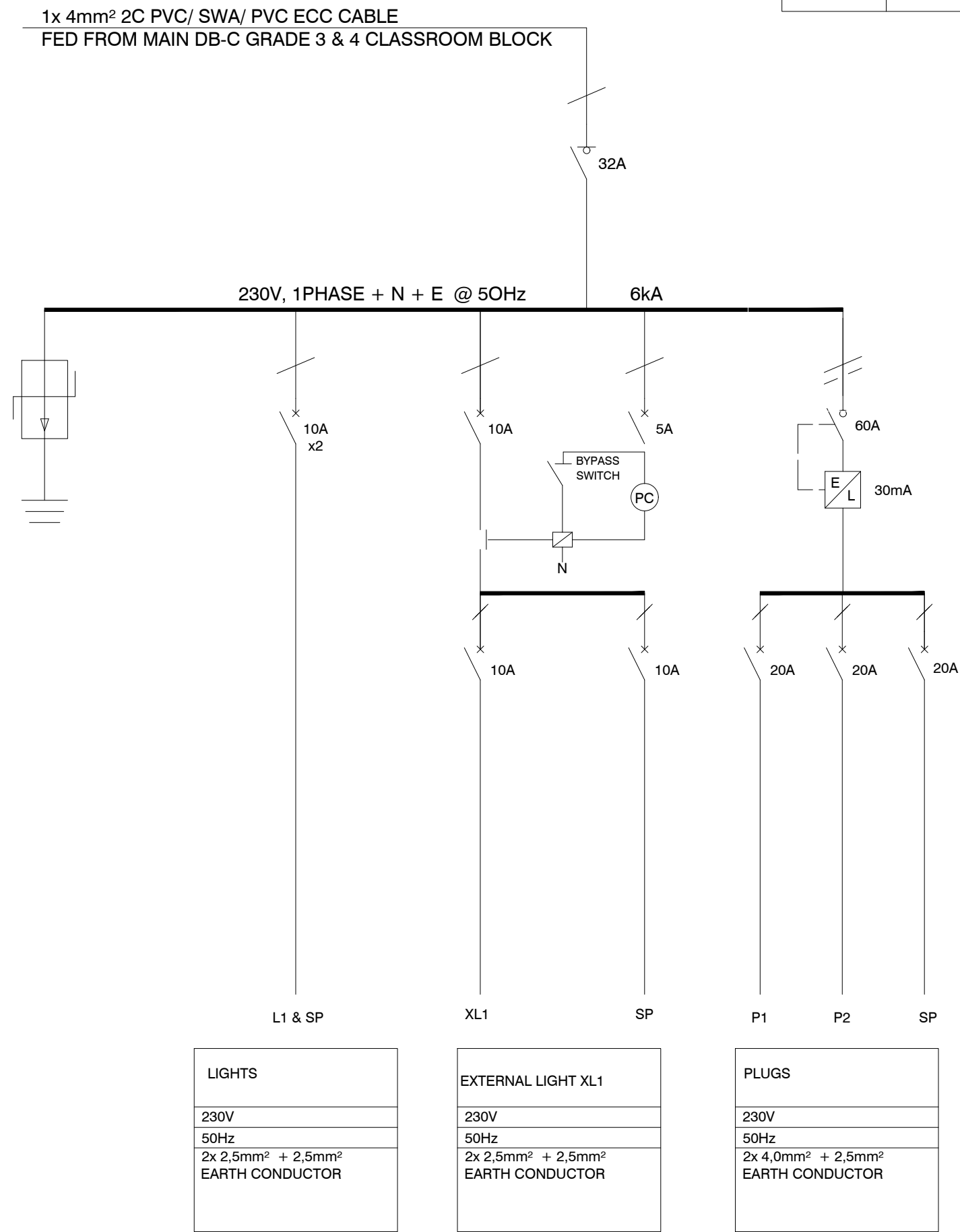
EXTERNAL LIGHT XL1
230V
50Hz
2x 2.5mm² + 2.5mm² EARTH CONDUCTOR

PLUGS
230V
50Hz
2x 4.0mm² + 2.5mm² EARTH CONDUCTOR

SUB DB-D KITCHEN
230V
50Hz
4mm² 2C PVC/ SWA/ PVC ECC CABLE

ADDITIONAL NOTES	DISTRIBUTION 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 : MAIN DB-C
2. ALL EQUIPMENT SHALL COMPLY TO THE RELEVANT SANS STANDARDS.	LOCATION : GRADE 3 & 4 CLASSROOM BLOCK
3. CASCADING CIRCUIT BREAKERS MUST USED.	MOUNTING : SURFACE MOUNTED
4. PROVIDE 20% SPARE SPACE.	IP CLASS : 54
5. MATERIAL SHALL BE 1,6mm WHITE MILD STEEL WITH POWDER COATED EPOXY.	CABLE ENTRY : TOP FEEDERS
6. NEUTRAL AND EARTH BAR MUST BE EQUAL TO PHASE BAR.	DOOR REQUIRED : YES

DB-C



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ADDITIONAL NOTES	DISTRIBUTION 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 : MAIN DB-D
2. ALL EQUIPMENT SHALL COMPLY TO THE RELEVANT SANS STANDARDS.	LOCATION : KITCHEN
3. CASCADING CIRCUIT BREAKERS MUST USED.	MOUNTING : SURFACE MOUNTED
4. PROVIDE 20% SPARE SPACE.	IP CLASS : 54
5. MATERIAL SHALL BE 1,6mm WHITE MILD STEEL WITH POWDER COATED EPOXY.	CABLE ENTRY : TOP FEEDERS
6. NEUTRAL AND EARTH BAR MUST BE EQUAL TO PHASE BAR.	DOOR REQUIRED : YES

DB-D

LEGEND	
	1 POLE CIRCUIT BREAKER
	2 POLE ISOLATOR
	PHOTOCELL
	CABLE ON/ TO FIELD
	CIRCUIT NUMBERING
	SURGE ARRESTER

No.	DATE	AMENDMENT	D.P.W.
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<div></div> <div>education Department: Education PROVINCE OF KWAZULU-NATAL</div>			
discipline ELECTRICAL			
service			
drawing title			
KZN D.O.E. INFRASTRUCTURE DEVELOPMENT AND MAINTENANCE PROGRAM			
INKONKONI PRIMARY SCHOOL			
DB-C AND DB-D SINGLE LINE DIAGRAM			
ref.no.	000000	designed	000000
scale	1:100	drawn	LM
date	JAN 2023	checked	MM
drawing number		REV	
D19001-500-0006		00	