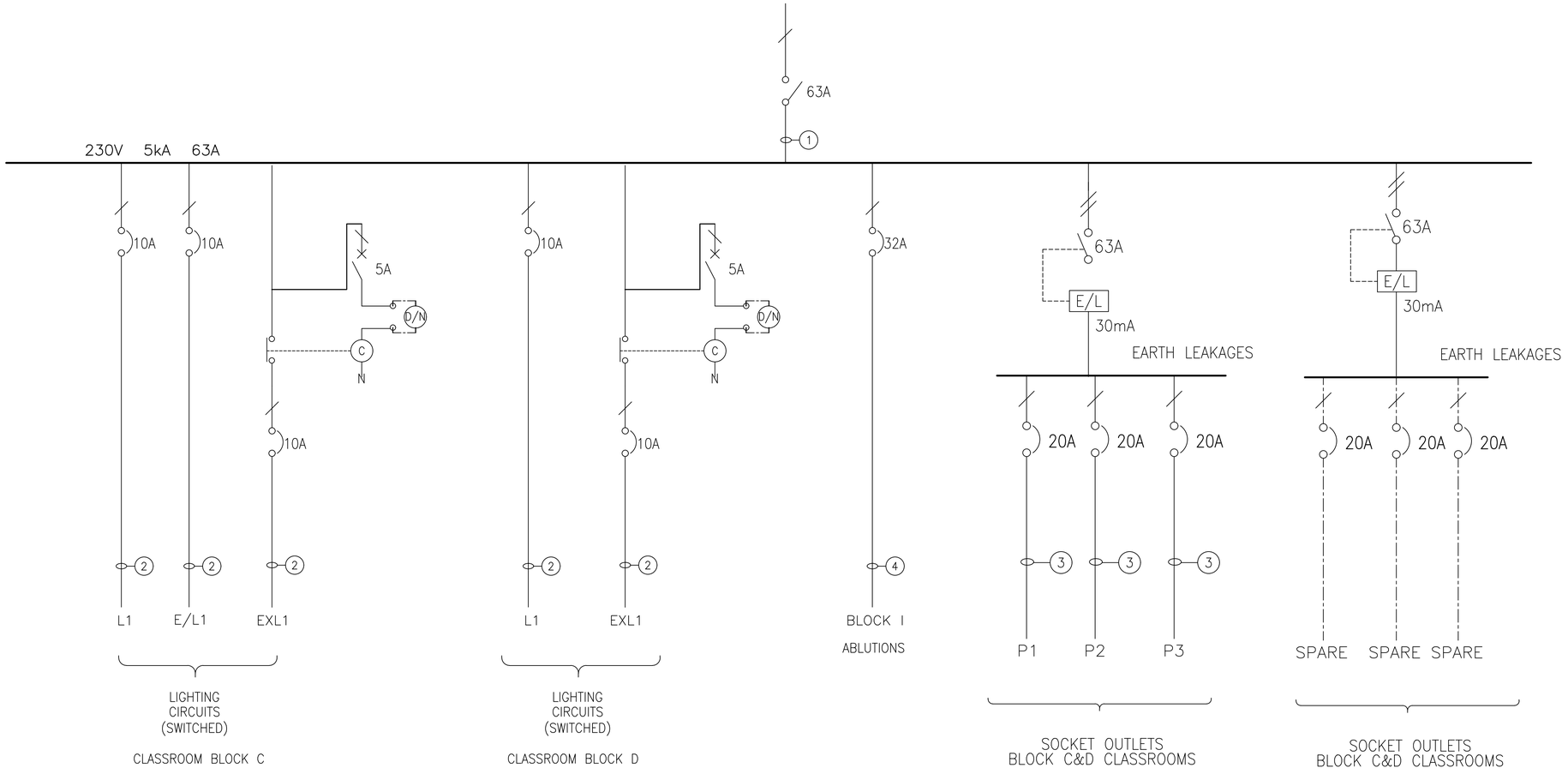

BLOCK C
SCALE : NTS

DB IN BLOCK C TO BE FED FROM BLOCK B

BLOCK C DISTRIBUTION BOARD

CABLE SIZE LEGEND		NOTES	LEGEND	
① 1x10mm² 3–CORE PVC/SWA/PVC Cu CABLE & 1x6mm² PVC EARTH WIRE		1. LABELLED TERMINALS INTEGRAL TO PANEL TO BE INSTALLED & SUITABLY LABELLED FOR LIGHTING CONTROLS.	K1	CONTACTOR (3 PHASE)
② 2x2.5mm² PVC & 1x2.5mm² BCEW IN CEILING VOID TO 5A SOCKET OUTLETS		2. ALLOW FOR 25% SPARE WAYS IN ALL SECTIONS FOR FUTURE	SW1	TIME SWITCH OVERIDE SWITCH LABELLED "A/C TIMER OVERIDE" & "LIGHTING TIMER OVERIDE" ON FACIA PLATE RESPECTIVELY
③ 2x2.5mm² PVC & 1x2.5mm² BCEW IN TRUNKING & PVC CONDUIT		3. DB/AMA TO BE WALL MOUNTED (FLUSH) FOR FRONT ACCESS ONLY WITH LOCKABLE DOORS	PB1	REMOTE 'PUSH BUTTON' TO ACTIVATE OVERIDE
④ 1x6mm² 3–CORE PVC/SWA/PVC Cu CABLE & 1x2.5mm² PVC EARTH WIRE		4. SUPPLY CABLES AND SUB CIRCUITS TO BE TOP ENTRY	D/N	DAY/NIGHT SWITCH POSITIONED REMOTELY
		5. CASCADING PRINCIPLES AND DISCRIMINATION TO BE APPLIED	T1M	60 MINUTE TIME DELAY RELAY
		6. PANEL TO BE FINISHED WITH A 'WHITE' PANEL COVER	OISL	32A TP ISOLATOR WITH 220V COIL MAIN OVER RIDE (MANUAL OPERATED)
		7. PANEL TO BE MANUFACTURED TO SABS STANDARDS	R	PLUG IN 12V D.C. COIL RELAY
		8. A4 SIZE LEGEND CARD TO BE INSTALLED ON INSIDE OF PANEL	PP	230V A.C. TO 12V D.C. POWER PACK
		9. TRAFFOLITE LABEL WITH PANEL NAME 'DB/AMA' AND FEED CABLE SIZE TO BE FIXED TO FRONT OF PANEL	M	DIGITAL KILOWATT HOUR METER UNIT(NO REMOTE SIGNALLING REQUIRED)
		10. ALL SWITCHGEAR TO BE OF THE MERLIN GERIN/SCHNEIDER TYPE ONLY.		

REV	DATE	BY	DESCRIPTION	CHK	APD
A	12.07.2023	T.T	ISSUED FOR INFORMATION	LL	LL

DRAWING STATUS: FOR INFORMATION

FUNDER: education, Department: Education, PROVINCE OF KWAZULU-NATAL

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PROJECT:
AMABUYE SECONDARY SCHOOL,
DUBE TRIBAL AUTHORITY,
ESIKHAWINI, 3887, KWAZULU NATAL.
EMIS No: 500101306

TITLE:
ABLUTION BLOCK C
SINGLE LINE DIAGRAM DB-AMA-C

SCALE @ A1:	CHECKED:	APPROVED:
NTS	L.L	L.L
CAD FILE:	DESIGN-DRAWN:	DATE:
KS130-SLD02	T.T-T.T	12.07.2023
PROJECT No:	DRAWING No:	REV:
KS130	KS130-SLD02	A

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