













AMABUYE CLASSROOM BLOCK E DISTRIBUTION BOARD

CABLE SIZE LEGEND		NOTES	LEGEND
①	1x10mm ² 3-CORE PVC/SWA/PVC Cu CABLE & 1x6mm ² PVC EARTH WIRE	1. LABELLED TERMINALS INTEGRAL TO PANEL TO BE INSTALLED & SUITABLY LABELLED FOR LIGHTING CONTROLS.	 CONTACTOR (3 PHASE)
②	2x2.5mm ² PVC & 1x2.5mm ² BCOE IN CEILING VOID TO 5A SOCKET OUTLETS	2. ALLOW FOR 25% SPARE WAYS IN ALL SECTIONS FOR FUTURE	 TIME SWITCH OVERRIDE SWITCH LABELLED "A/C TIMER OVERRIDE" & "LIGHTING TIMER OVERRIDE" ON FACIA PLATE RESPECTIVELY
③	2x2.5mm ² PVC & 1x2.5mm ² BCOE IN TRUNKING & PVC CONDUIT	3. DB/AMA TO BE WALL MOUNTED (FLUSH) FOR FRONT ACCESS ONLY WITH LOCKABLE DOORS	 REMOTE "PUSH BUTTON" TO ACTIVATE OVERRIDE
		4. SUPPLY CABLES AND SUB CIRCUITS TO BE TOP ENTRY	 DAY/NIGHT SWITCH POSITIONED REMOTELY
		5. CASCADING PRINCIPLES AND DISCRIMINATION TO BE APPLIED	 60 MINUTE TIME DELAY RELAY
		6. PANEL TO BE FINISHED WITH A "WHITE" PANEL COVER	 32A TP ISOLATOR WITH 220V COIL MAIN OVER RID (MANUAL OPERATED)
		7. PANEL TO BE MANUFACTURED TO SABS STANDARDS	 PLUG IN 12V D.C. COIL RELAY
		8. <u>A4</u> SIZE LEGEND CARD TO BE INSTALLED ON INSIDE OF PANEL	 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	 DIGITAL KILOWATT HOUR METER UNIT(NO REMOTE SIGNALLING REQUIRED)
		10. <u>ALL</u> SWITCHGEAR TO BE OF THE MERLIN GERIN/SCHNEIDER TYPE ONLY.	

[illegible]

FUNDER:

 **education**
Department:
Education
PROVINCE OF KWAZULU-NATAL

IMPLEMENTING AGENT:


DBSA
Development Bank
of Southern Africa

PRINCIPAL AGENT:



MARISWE

No.7 Bush Shrike Close
Victoria Country Club Estate
170 Peter Brown Drive
Monrovia, Pietermaritzburg
3201

Tel: 033 347 7900

cell: maritzburg@mariswe.com

ARCHITECT.



NO 12 Blockway Road
Singapore
Tel: 647 832 4762
Fax: 647 831 3872
001 350 3718
email: abbu@abbuarch.com.sg

ENGINEER

The logo for KAR SOLUTIONS features a stylized, multi-layered circular graphic composed of numerous thin, curved lines radiating from a central point, creating a sense of depth and movement. Below this graphic, the word "KAR" is written in a bold, sans-serif font, with "SOLUTIONS" in a smaller, all-caps, sans-serif font underneath it.

6, Schervitz Road | Beria | East London
Tel: +27 43 722 3353 Fax: +27 86 554 6496
info@karosolutions.co.za

PROJECT: AMABUYE SECONDARY SCHOOL,
DUBE TRIBAL AUTHORITY,
ESIKHAWINI, 3887, KWAZULU
NATAL.

EMIS No: 500101306

TITLE: CLASSROOM BLOCK E
SINGLE LINE DIAGRAM DB-AMA-E

SCALE @ A1:		CHECKED:	APPROVED:
NTS		LL	LL
CAD FILE:	DESIGN-DRAWN:	DATE:	
KS130-SLD03	T.T-T.T	12.07.2023	
PROJECT No:		DRAWING No:	
KS130		KS130-SLD03	
		REV: A	

© COPYRIGHT RESERVED