

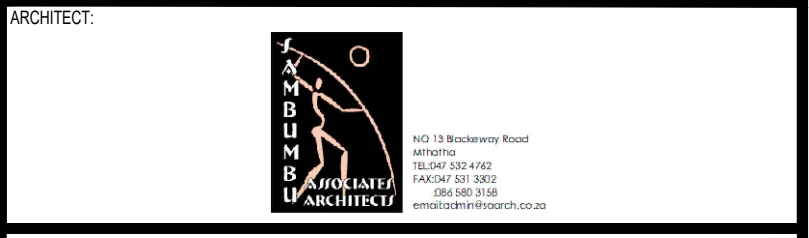
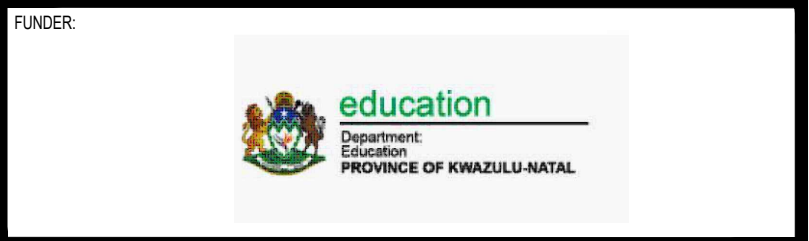
CLASSROOM BLOCK B  
SCALE : NTS

AMABUYE BLOCK B DISTRIBUTION BOARD

CABLE SIZE LEGEND	NOTES	LEGEND
① 1x10mm <sup>2</sup> 4-CORE PVC/SWA/PVC Cu CABLE & 1x6mm <sup>2</sup> PVC EARTH WIRE	1. LABELLED TERMINALS INTEGRAL TO PANEL TO BE INSTALLED & SUITABLY LABELLED FOR LIGHTING CONTROLS.	[KT] CONTACTOR (3 PHASE)
② 2x2.5mm <sup>2</sup> PVC & 1x2.5mm <sup>2</sup> BCEW IN CEILING VOID TO 5A SOCKET OUTLETS	2. ALLOW FOR 25% SPARE WAYS IN ALL SECTIONS FOR FUTURE	[SW1] TIME SWITCH OVERRIDE SWITCH LABELLED 'A/C TIMER OVERRIDE' & 'LIGHTING TIMER OVERRIDE' ON FACIA PLATE RESPECTIVELY
③ 2x2.5mm <sup>2</sup> PVC & 1x2.5mm <sup>2</sup> 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 OVERRIDE
④ 1x6mm <sup>2</sup> 3-CORE PVC/SWA/PVC Cu CABLE & 1x2.5mm <sup>2</sup> PVC EARTH WIRE	4. SUPPLY CABLES AND SUB CIRCUITS TO BE TOP ENTRY	[N] DAY/NIGHT SWITCH POSITIONED REMOTELY
	5. CASCADING PRINCIPLES AND DISCRIMINATION TO BE APPLIED	[T1X] 60 MINUTE TIME DELAY RELAY
	6. PANEL TO BE FINISHED WITH A 'WHITE' PANEL COVER	[OSL] 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	APP
A	12.07.2023	T.T	ISSUED FOR INFORMATION	LL	LL

DRAWING STATUS: FOR INFORMATION



PROJECT:

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

EMIS No: 500101306

TITLE:

CLASSROOM BLOCK B  
SINGLE LINE DIAGRAM DB-AMA-B

SCALE @ A1:	NTS	CHECKED:	LL	APPROVED:	LL
CAD FILE:	KS130-SLD04	DESIGN-DRAWING:	T.T-T.T	DATE:	12.07.2023
PROJECT No:	KS130	DRAWING No:	KS130-SLD04	REV:	A

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