



BLOCK C SLD
SCALE : NTS

BLOCK C CLASSROOM DISTRIBUTION BOARD

CABLE SIZE LEGEND		NOTES	LEGEND
①	1x16mm ² 4-CORE PVC/SWA/PVC Cu CABLE & 1x10mm ² PVC EARTH WIRE	1. LABELLED TERMINALS INTEGRAL TO PANEL TO BE INSTALLED & SUITABLY LABELLED FOR LIGHTING CONTROLS.	[KT] CONTACTOR (3 PHASE)
②	2x2.5mm ² PVC & 1x2.5mm ² 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 ² PVC & 1x2.5mm ² BCEW IN PVC CONDUIT TO SOCKET OUTLETS	3. DB/AMA TO BE WALL MOUNTED (FLUSH) FOR FRONT ACCESS ONLY WITH LOCKABLE DOORS	[PB1] REMOTE 'PUSH BUTTON' TO ACTIVATE OVERRIDE
		4. SUPPLY CABLES AND SUB CIRCUITS TO BE TOP ENTRY	[N] DAY/NIGHT SWITCH POSITIONED REMOTELY
		5. CASCADING PRINCIPLES AND DISCRIMINATION TO BE APPLIED	[TTX] 60 MINUTE TIME DELAY RELAY
		6. PANEL TO BE FINISHED WITH A 'WHITE' PANEL COVER	[QSL] 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.	

B	24.03.2023	T.T	ISSUED FOR INFORMATION	LL	LL
A	16.02.2023	T.T	ISSUED FOR INFORMATION	LL	LL
REV	DATE	BY	DESCRIPTION	CHK	APD

DRAWING STATUS: FOR INFORMATION



PROJECT:

ENTUMENI PRIMARY SCHOOL,
ESHOWE LOCAL AUTHORITY,
uMLALAZI, 3830, KWAZULU-NATAL.

EMIS No:500138602

TITLE:

DB-ENT-C
SINGLE LINE DIAGRAM

SCALE @ A1:	NTS	CHECKED:	LL	APPROVED:	LL
CAD FILE	KS130-SLD02	DESIGN-DRAWN:	T.T-T.T	DATE:	16.02.2023
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