



ADMIN BLOCK A
SCALE : NTS

AMABUYE BLOCK A DISTRIBUTION BOARD

CABLE SIZE LEGEND	NOTES	LEGEND
<p>① 1x25mm² 4-CORE PVC/SWA/PVC Cu CABLE & 1x16mm² PVC EARTH WIRE</p> <p>② 2x2.5mm² PVC & 1x2.5mm² BCEW IN CEILING VOID TO 5A SOCKET OUTLETS</p> <p>③ 2x2.5mm² PVC & 1x2.5mm² BCEW IN TRUNKING & PVC CONDUIT</p> <p>④ 1x6mm² 3-CORE PVC/SWA/PVC Cu CABLE & 1x2.5mm² PVC EARTH WIRE</p>	<p>1. LABELLED TERMINALS INTEGRAL TO PANEL TO BE INSTALLED & SUITABLY LABELLED FOR LIGHTING CONTROLS.</p> <p>2. ALLOW FOR 25% SPARE WAYS IN ALL SECTIONS FOR FUTURE</p> <p>3. DB/AMA TO BE WALL MOUNTED (FLUSH) FOR FRONT ACCESS ONLY WITH LOCKABLE DOORS</p> <p>4. SUPPLY CABLES AND SUB CIRCUITS TO BE TOP ENTRY</p> <p>5. CASCADING PRINCIPLES AND DISCRIMINATION TO BE APPLIED</p> <p>6. PANEL TO BE FINISHED WITH A 'WHITE' PANEL COVER</p> <p>7. PANEL TO BE MANUFACTURED TO SABS STANDARDS</p> <p>8. A4 SIZE LEGEND CARD TO BE INSTALLED ON INSIDE OF PANEL</p> <p>9. TRAFFOLITE LABEL WITH PANEL NAME 'DB/AMA' AND FEED CABLE SIZE TO BE FIXED TO FRONT OF PANEL</p> <p>10. ALL SWITCHGEAR TO BE OF THE MERLIN GERIN/SCHNEIDER TYPE ONLY.</p>	<p>KT CONTACTOR (3 PHASE)</p> <p>SW TIME SWITCH OVERRIDE SWITCH LABELLED "A/C TIMER OVERRIDE" & "LIGHTING TIMER OVERRIDE" ON FACIA PLATE RESPECTIVELY</p> <p>PS1 REMOTE 'PUSH BUTTON' TO ACTIVATE OVERRIDE</p> <p>D/N DAY/NIGHT SWITCH POSITIONED REMOTELY</p> <p>T1 X 60 MINUTE TIME DELAY RELAY</p> <p>OSL 32A TP ISOLATOR WITH 220V COIL MAIN OVER RIDE (MANUAL OPERATED)</p> <p>R PLUG IN 12V D.C. COIL RELAY</p> <p>PP 230V A.C. TO 12V D.C. POWER PACK</p> <p>M DIGITAL KILOWATT HOUR METER UNIT(NO REMOTE SIGNALLING REQUIRED)</p>

REV	DATE	BY	DESCRIPTION	CHK	APP
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DRAWING STATUS: FOR INFORMATION

FUNDER:


education
Department: Education
PROVINCE OF KWAZULU-NATAL

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PROJECT:

AMABUYE SECONDARY SCHOOL,
DUBE TRIBAL AUTHORITY,
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NATAL.
EMIS No: 500101306

TITLE:

ADMIN BLOCK A
SINGLE LINE DIAGRAM DB-AMA-A

SCALE @ A1: NTS	CHECKED: LL	APPROVED: LL
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