



BLOCK D SLD  
SCALE : NTS

BLOCK D CLASSROOM DISTRIBUTION BOARD

CABLE SIZE LEGEND	NOTES	LEGEND
<div><div>①</div><div>1x16mm<sup>2</sup> 4-CORE PVC/SWA/PVC Cu CABLE &amp; 1x10mm<sup>2</sup> PVC EARTH WIRE</div></div> <div><div>②</div><div>2x2.5mm<sup>2</sup> PVC &amp; 1x2.5mm<sup>2</sup> BCEW IN CEILING VOID TO 5A SOCKET OUTLETS</div></div> <div><div>③</div><div>2x2.5mm<sup>2</sup> PVC &amp; 1x2.5mm<sup>2</sup> BCEW IN PVC CONDUIT TO SOCKET OUTLETS</div></div>	<div>1. LABELLED TERMINALS INTEGRAL TO PANEL TO BE INSTALLED &amp; SUITABLY LABELLED FOR LIGHTING CONTROLS</div> <div>2. ALLOW FOR 25% SPARE WAYS IN ALL SECTIONS FOR FUTURE</div> <div>3. DB/AMA TO BE WALL MOUNTED (FLUSH) FOR FRONT ACCESS ONLY WITH LOCKABLE DOORS</div> <div>4. SUPPLY CABLES AND SUB CIRCUITS TO BE TOP ENTRY</div> <div>5. CASCADING PRINCIPLES AND DISCRIMINATION TO BE APPLIED</div> <div>6. PANEL TO BE FINISHED WITH A 'WHITE' PANEL COVER</div> <div>7. PANEL TO BE MANUFACTURED TO SABS STANDARDS</div> <div>8. <u>A4</u> SIZE LEGEND CARD TO BE INSTALLED ON INSIDE OF PANEL</div> <div>9. TRAFFOLITE LABEL WITH PANEL NAME 'DB/AMA' AND FEED CABLE SIZE TO BE FIXED TO FRONT OF PANEL</div> <div>10. ALL SWITCHGEAR TO BE OF THE MERLIN GERIN/SCHNEIDER TYPE ONLY.</div>	<div><div>XT</div><div>CONTACTOR (3 PHASE)</div></div> <div><div>SW</div><div>TIME SWITCH OVERRIDE SWITCH LABELLED "A/C TIMER OVERRIDE" &amp; "LIGHTING TIMER OVERRIDE" ON FACIA PLATE RESPECTIVELY</div></div> <div><div>PB1</div><div>REMOTE 'PUSH BUTTON' TO ACTIVATE OVERRIDE</div></div> <div><div>D/N</div><div>DAY/NIGHT SWITCH POSITIONED REMOTELY</div></div> <div><div>TM</div><div>60 MINUTE TIME DELAY RELAY</div></div> <div><div>OSL</div><div>32A TP ISOLATOR WITH 220V COIL MAIN OVER RIDE (MANUAL OPERATED)</div></div> <div><div>R</div><div>PLUG IN 12V D.C. COIL RELAY</div></div> <div><div>PP</div><div>230V A.C. TO 12V D.C. POWER PACK</div></div> <div><div>M</div><div>DIGITAL KILOWATT HOUR METER UNIT(NO REMOTE SIGNALLING REQUIRED)</div></div>

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

DRAWING STATUS: FOR INFORMATION

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PROJECT:  
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TITLE:  
DB-ENT-D  
SINGLE LINE DIAGRAM

SCALE @ A1:	NTS	CHECKED:	LL	APPROVED:	LL
CAD FILE:	KS130-SLD03	DESIGN-DRAWN:	T.T-T.T	DATE:	16.02.2023
PROJECT No:	KS130	DRAWING No:	KS130-SLD03	REV:	A

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