



LEGEND	
	3 POLE CIRCUIT BREAKER
	1 POLE CIRCUIT BREAKER
	3 POLE ISOLATOR
	1 POLE ISOLATOR
	EARTHING
	1/ 3 PHASE CONTACTOR
	PHOTO ELECTRIC CELL
	kwh- POWER MASTER METER AS PER SPECIFICATION
	SURGE ARRESTER
	2 POLE (L+N) EARTH LEAKAGE UNIT

ADDITIONAL NOTES	BOARD INFORMATION
<div>1. THIS DB SHALL COMPLY WITH SANS 1973/61439 AND SHALL BE DESIGNED AND MANUFACTURED BY A SPECIALIST SWITCHBOARD MANUFACTURER.</div> <div>2. ALL EQUIPMENT SHALL COMPLY TO THE RELEVANT SANS STANDARDS.</div> <div>3. CASCADING CIRCUIT BREAKERS MUST BE USED.</div> <div>4. THE ICU OF CIRCUIT BREAKER IS THE SAME AS FOR FEEDING BUSBAR.</div> <div>5. PROVIDE 20% SPARE SPACE.</div> <div>6. MATERIAL SHALL BE 1,6mm WHITE MILD STEEL WITH POWDER COATED EPOXY.</div> <div>7. NEUTRAL AND EARTH BAR MUST BE EQUAL TO PHASE BAR.</div> <div>8. NO MIX OF BRANDS.</div>	<div>NAME OF DB : DB-1 (MAIN DB)</div> <div>LOCATION : ADMIN BLOCK</div> <div>MOUNTING : RECESSED</div> <div>IP CLASS : 54</div> <div>CABLE ENTRY : TOP FEEDERS AND BOTTOM FEEDERS</div> <div>DOOR REQUIRED : YES, MAIN BREAKER TO PRO-TRUDE</div> <div>COLOUR DB PLATE : WHITE</div>

NOTES:

REFERENCE DRAWING

NO.	DRAWING NUMBER	DESCRIPTION
1	3000	CLASSROOM A, B AND SCIENCE BLOCK LIGHTING LAYOUT PLAN
2	3002	CLASSROOM A, B AND SCIENCE BLOCK POWER LAYOUT PLAN
3	3005	DB-A AND DB-B SINGLE LINE DIAGRAM
4	3006	DB-C SINGLE LINE DIAGRAM
5	3007	DB-D AND DB-E SINGLE LINE DIAGRAM
6	3011	RETICULATION LAYOUT PLAN

REVISION

1	15/12/2022	ISSUED FOR TENDER	L. MKHIZE
NO.	DATE	REVISION	REV. BY

LODEMANN HOLDINGS SIGNATURES

DESIGNED	DRAWN BY	ENGINEER	PROJECT MANAGER	SIGNATURE	DATE
N. MISOBI	L. MKHIZE	T. MBATHA	A. SHAZI		

CLIENT DEPARTMENT SIGNATURES

FACILITY STAMP

FACILITY MANAGER

INFRASTRUCTURE MANAGER

GENERAL MANAGER

Checked by Professional Consultant

Name

Signature

Date

SIGPRO

ENGINEERING AND PROJECT MANAGEMENT



DBSA
Development Bank
of Southern Africa

NORTHERN REGION

Project:

KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTENANCE PROGRAMME

Drawing Description:

DLAMVUZO HIGH SCHOOL
DB-1 (MAIN DB) SINGLE LINE DIAGRAM

Drawn: SIGPRO

Date: 02/10/2022

Scale/s:

N.T.S (A1)

Consultant Drawing Number:

1013-017-3004

DBSA Drawing number

500121952

Stamped by Plans Approval Committee