



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-A (MAIN DB)</div> <div>LOCATION :EXISTING CL6</div> <div>MOUNTING : SURFACE MOUNTED</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>

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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

NOTES:

REFERENCE DRAWING				
NO.	DRAWING NUMBER	DESCRIPTION		
1	3000	EXISTING CL6, CL2 & CL4 LIGHTING LAYOUT		
2	3001	EXISTING CL3 & CL2 LIGHTING LAYOUT		
3	3003	EXISTING CL6, CL2 & CL4 POWER LAYOUT		
5	3005	DB-A AND DB-B SINGLE LINE DIAGRAM		
6	3006	DB-C AND DB-D SINGLE LINE DIAGRAM		
7	3007	DB-E AND DB-F SINGLE LINE DIAGRAM		
8	3009	RETICULATION LAYOUT		
REVISION				
1	30/11/2022	ISSUED FOR TENDER	L. MKHIZE	
NO.	DATE	REVISION	REV. BY	
LODEMANN HOLDINGS SIGNATURES				
DESIGNED	NAME		SIGNATURE	DATE
DRAWN BY	L. MOKHE			
ENGINEER	L. NYONI			
PROJECT MANAGER	K. SHALI			
CLIENT DEPARTMENT SIGNATURES				
FACILITY STAMP				
FACILITY MANAGER				
INFRASTRUCTURE MANAGER				
GENERAL MANAGER				
Checked by Professional Consultant				
Name				
Signature				
Date				
SIGPRO				
ENGINEERING AND PROJECT MANAGEMENT				
				
NORTHERN REGION				
Project:				
KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTENANCE PROGRAMME				
Drawing Description:				
MATAMZANE DUBE SECONDARY SCHOOL				
DB-A CL-6 AND DB-B CL-2				
SINGLE LINE DIAGRAMS				
Drawn: SIGPRO				
Date: 30/11/2022				
Scale/s:				
N.T.S (A1)				
Consultant Drawing Number:				
1013-023-3005				
DBSA Drawing number				
500124283				
Stamped by Plans Approval Committee				