



LEGEND - LIGHTING		
SYMBOL	DESCRIPTION	QTY
(A)	T5 DOUBLE TUBE WATERPROOF FLUORESCENT LIGHT FITTING COMPLETE WITH 2 X 18W LED TUBES (IP65)	31
(B)	OPEN CHANNEL DOUBLE TUBE FLUORESCENT FITTING COMPLETE WITH 2 X 18W LED TUBES	35
(D)	BEKA BULKHEAD SERIES 71 LUMINAIRE RANGE COMPLETE WITH ROUND 2D 9W CFL	0
(E)	BEKA SERIES 34 BULKHEAD LUMINAIRE RANGE COMPLETE WITH 2D 16W CFL	0
(F)	BEKA FLOOD LIGHT COMPLETE WITH 2D 20W CFL	9
(G)	1 LEVER ONE-WAY LIGHT SWITCH MH 1200mm AFFL	27
(L2)	LIGHT CIRCUIT NUMBER	-
(S)	SCHOOL BELL	1
(M)	METERBOARD / MAIN DISTRIBUTION BOARD WALL MOUNTED	1
(---)	UNDERGROUND 16mm x 2 core SERVICE CABLE	
(---)	UNDERGROUND 10mm x 2 core SERVICE CABLE	

LEGEND - POWER		
SYMBOL	DESCRIPTION	QTY
(S)	DOUBLE SWITCHED SOCKET OUTLET AT MH 300mm AFFL	11
(E)	EARTHING OF ROOF USING A 16mm DIAMETER 1.5m LONG SOLID COPPER EARTH SPIKE BURIED 1.5m BELOW GROUND LEVEL AND CONNECTED TO THE ROOFSTRUCTURE WITH A 50mm GREEN PVC INSULATED CU CONDUCTOR, INSTALLED IN A 25mm Ø PVC CONDUIT CHASED INTO BRICKWORK. USE BRASS BOLTS AND NUTS. TERMINATION AT EARTH SPIKE TO BE SEALED WITH DENSO TAPE.	36
(RB)	READY BOARD COMPLETE (WITH DOUBLE-POLE MCB, SURGE ARRESTORS AND EARTH LEAKAGE) INCLUDING LIGHT BULB, GALVANIZED STEEL ROOF (BACK-PLATE), EARTHING AND ALL ACCESSORIES	16

UNLESS OTHERWISE SPECIFIED MH TO BOTTOM OF OUTLET BOXES

No.	REVISIONS	APP.	DATE

CLIENT:
MINISTRY OF MINES AND ENERGY



APPROVED BY CLIENT _____ DATE _____
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CONSULTANT:
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PROJECT
**OHANGWENA REGION
RURAL ELECTRIFICATION
2023/2024**

DRAWING TITLE
**NGHITUWAMHATA PS
ELECTRICAL LAYOUT
WIRING OF BUILDINGS**

DESIGNED: DP DRAWN: DP CHECKED: VHN SCALE: NTS
CONSULTANT PROJ. No: ORBIT-OHA-RE-02 DATE: 01/2024
DRAWING No: ORBIT-OHA-ELE-WB-04 REV: 00