



**LEGEND - LIGHTING**

SYMBOL	DESCRIPTION	QTY
(A)	T5 DOUBLE TUBE WATERPROOF FLUORESCENT LIGHT FITTING COMPLETE WITH 2 x 18W LED TUBES (IP65)	21
(B)	OPEN CHANNEL DOUBLE TUBE FLUORESCENT FITTING COMPLETE WITH 2 x 18W LED TUBES	21
(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	4
(G)	1 LEVER ONE-WAY LIGHT SWITCH MH 1200mm AFFL	17
(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	6
(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 <sup>2</sup> GREEN PVC INSULATED Cu CONDUCTOR, INSTALLED IN A 25mm Ø PVC CONDUIT CHASED INTO BRICKWORK. USE BRASS BOLTS AND LUGS. TERMINATION AT EARTH SPIKE TO BE SEALED WITH DENSO TAPE.	6
(R)	READY BOARD COMPLETE (WITH DOUBLE-POLE MCB, SURGE ARRESTORS AND EARTH LEAKAGE) INCLUDING LIGHT BULB, GALVANIZED STEEL ROOF (BACK-PLATE), EARTHING AND ALL ACCESSORIES	11

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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PROJECT  
**OHANGWENA REGION  
RURAL ELECTRIFICATION  
2023/2024**

DRAWING TITLE  
**EMILIA SHIMWEFELENI PS  
ELECTRICAL LAYOUT  
KEYMAP**

DESIGNED: DP	DRAWN: DP	CHECKED: VHN	SCALE: NTS
CONSULTANT PROJ. No: ORBIT-OHA-RE-02			DATE: 01/2024
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