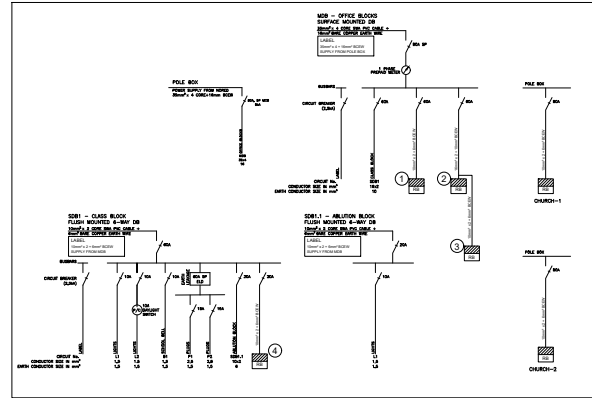
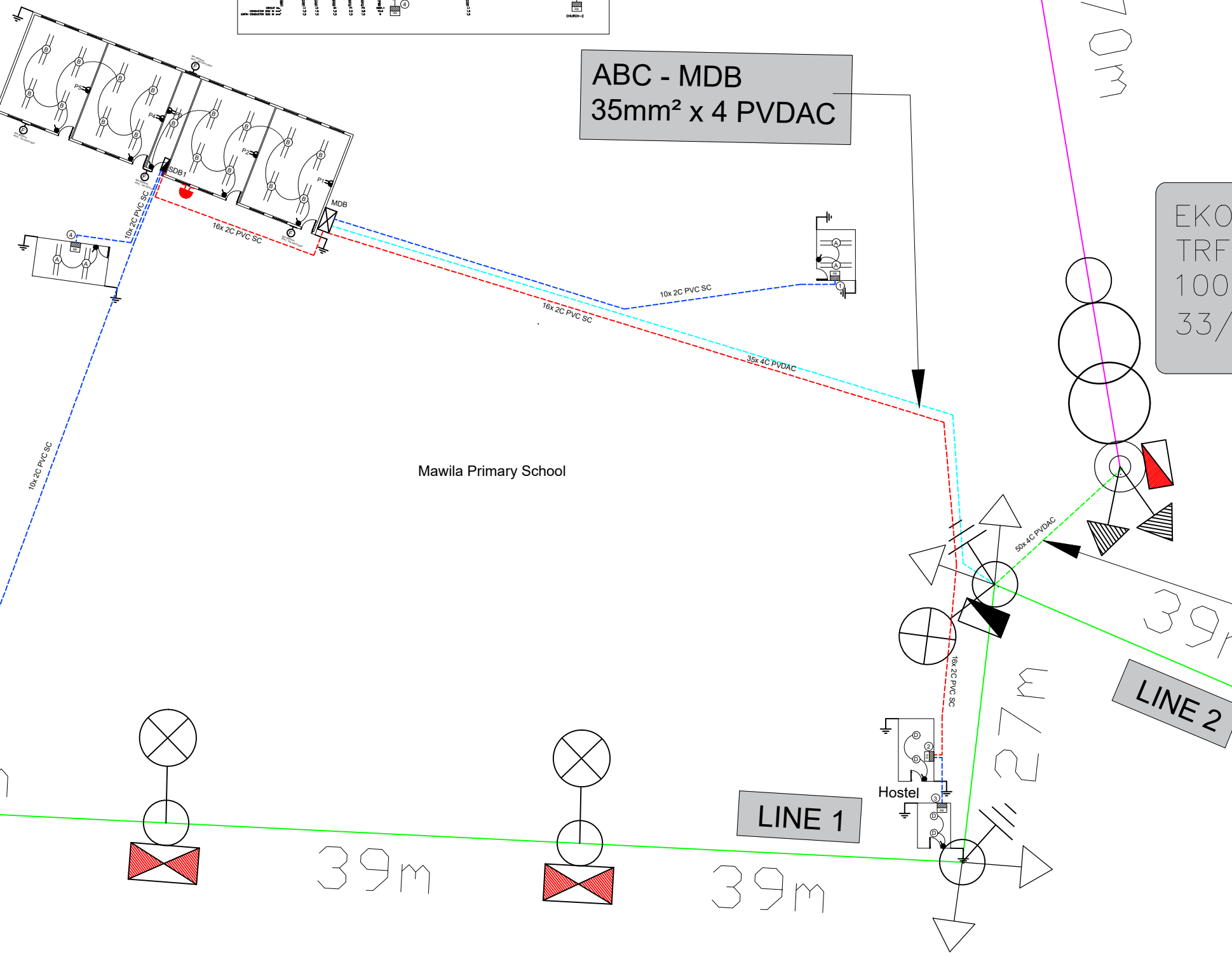


FOR TENDER



ABC - MDB
35mm² x 4 PVDAC



EKO TRF 100/33

LINE 2

LINE 1

| LEGEND - LIGHTING | | |
|-------------------|--|-----|
| SYMBOL | DESCRIPTION | QTY |
| (A) | T5 DOUBLE TUBE WATERPROOF FLUORESCENT LIGHT FITTING COMPLETE WITH 2 x 18W LED TUBES (IP65) | 10 |
| (B) | OPEN CHANNEL DOUBLE TUBE FLUORESCENT FITTING COMPLETE WITH 2 x 18W LED TUBES | 17 |
| (D) | BEKA BULKHEAD SERIES 71 LUMINAIRE RANGE COMPLETE WITH ROUND 2D 9W CFL | 4 |
| (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 | 11 |
| (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 | 5 |
| (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 ² 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. | 14 |
| (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 | 6 |

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
**MAWILA PRIMARY SCHOOL
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-09 REV: 00