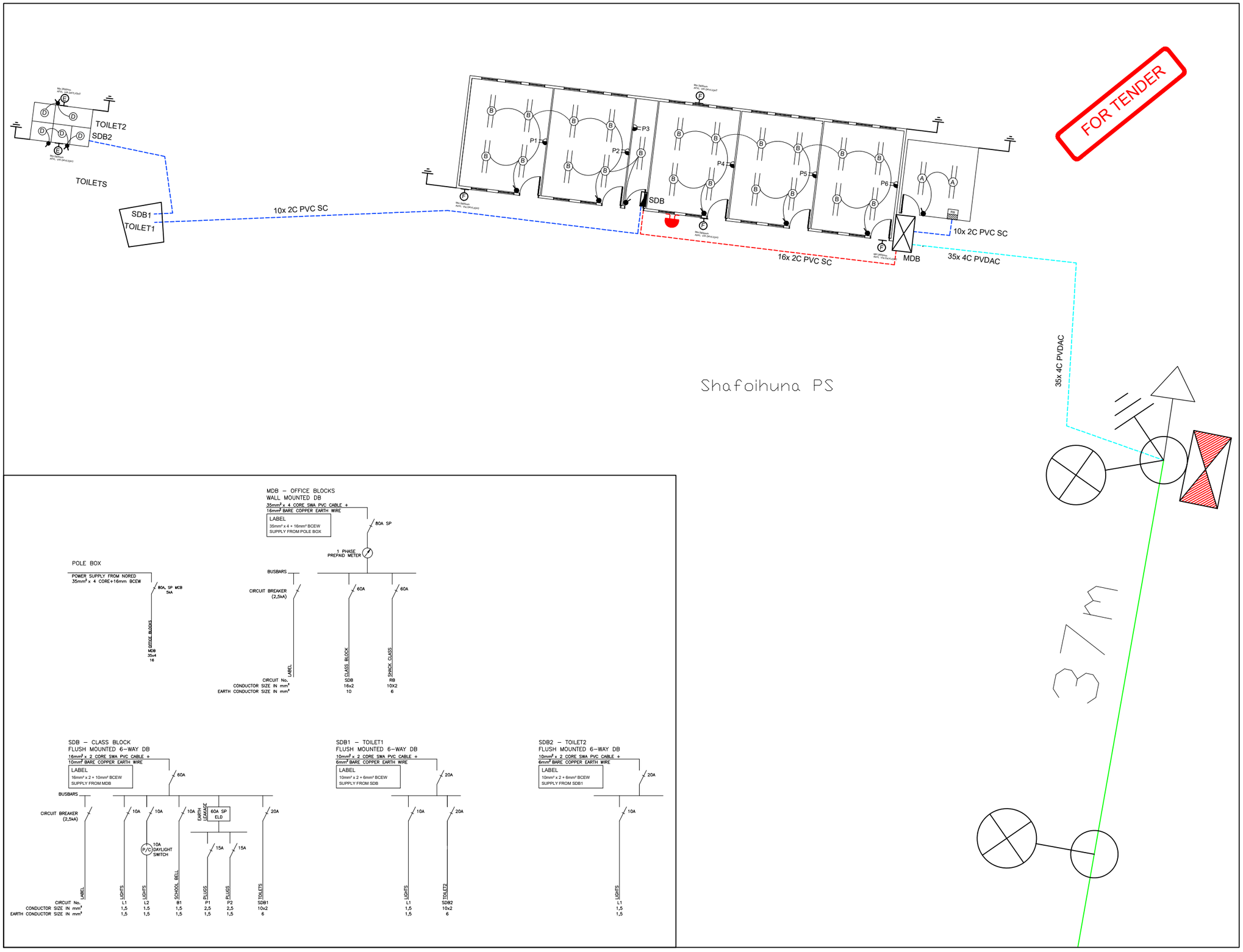

LEGEND - LIGHTING

SYMBOL	DESCRIPTION	QTY
A	T5 DOUBLE TUBE WATERPROOF FLUORESCENT LIGHT FITTING COMPLETE WITH 2 X 18W LED TUBES (IP65)	2
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	5
E	BEKA SERIES 34 BULKHEAD LUMINAIRE RANGE COMPLETE WITH 2D 16W CFL	2
F	BEKA FLOOD LIGHT COMPLETE WITH 2D 20W CFL	4
	1 LEVER ONE-WAY LIGHT SWITCH MH 1200mm AFFL	10
L2	LIGHT CIRCUIT NUMBER	-
	SCHOOL BELL	1
	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
	DOUBLE SWITCHED SOCKET OUTLET AT MH 300mm AFFL	6
	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 50mm² 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
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	1

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:
ELECTRICAL CONSULTING ENGINEERS

orbit
CONSULTING ENGINEERS & PROJECT MANAGERS

Box 5324
Ausspannplatz
NAMIBIA

Maerua Mall
Centaurus Street
Windhoek

Cell: +264 81 129 5242
Fax: 0886531398
vhnamgongo@gmail.com

PROJECT
OHANGWENA REGION
RURAL ELECTRIFICATION
2023/2024

DRAWING TITLE
SHAFOIHUNA 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-05		REV: 00	