

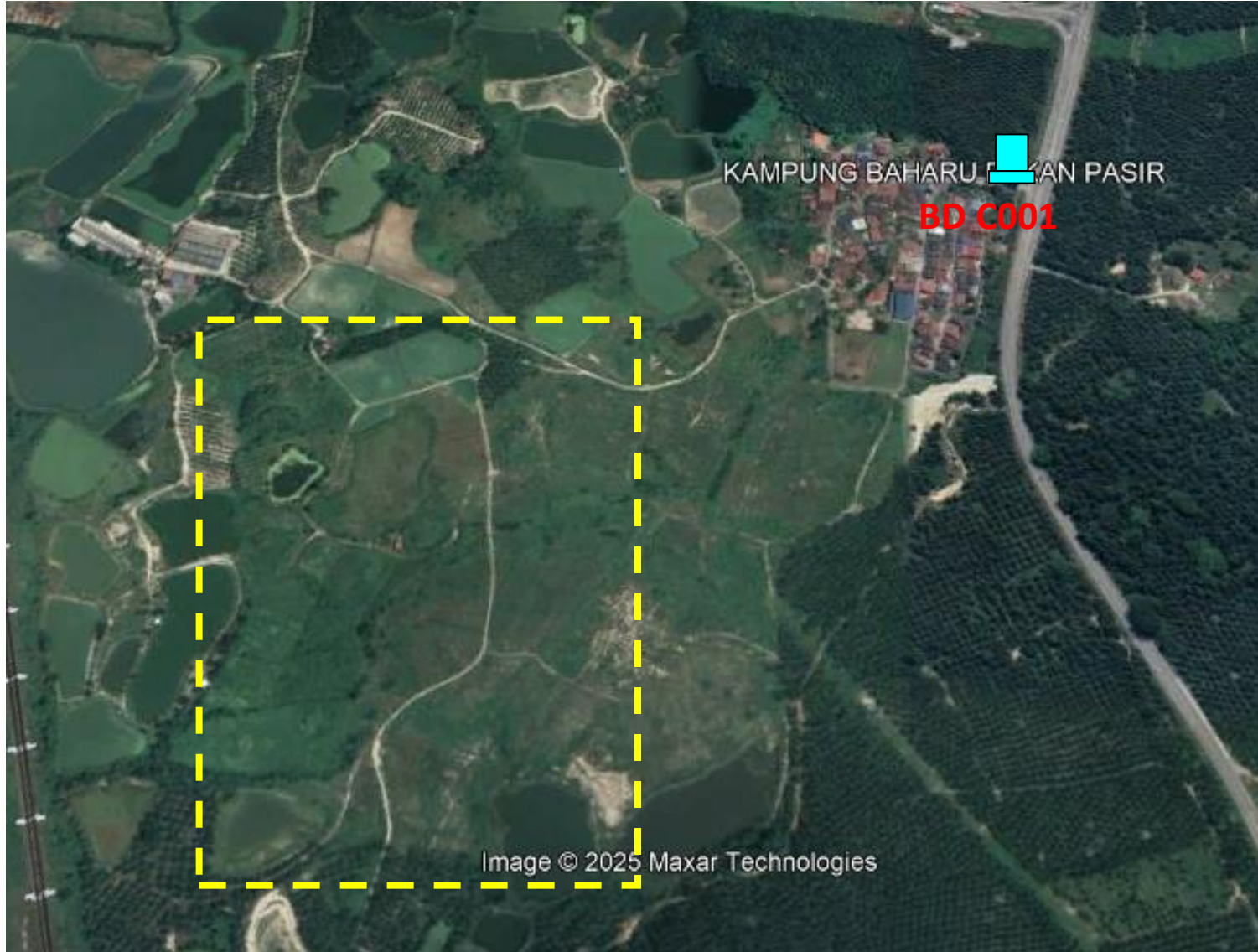
# Technical Proposal for TM Project



<b>Project Description:</b>	SRR FTTH BD_CXXX TAMAN BIDOR BESTARI
<b>Project Number:</b>	TMNA/251256
<b>TM Node</b>	BD
<b>Region</b>	NORTHERN , PERAK
<b>NE ID</b>	SRR2400494
<b>Total FTTH Ports</b>	104
<b>Total Property</b>	
<b>PF (%)</b>	
<b>RFSI Date</b>	JUN 2025
<b>GPS Coordinate</b>	4.067944 , 101.284186

<b>Prepared by:</b>	NURUL HUSNA BT ROKIB
<b>Company Name:</b>	KAZAKON SDN BHD
<b>Date:</b>	16 APR 2025
<b>TP Revision:</b>	1

## 1.1 FDC Location & Boundary



Legend:



## **1.0 SCOPE OF WORK : Installation of New Concrete Poles**

### **1. Objective:**

**To supply and install new concrete poles site – Taman Bidor Beastari , Bidor**


### **2. Work Description:**

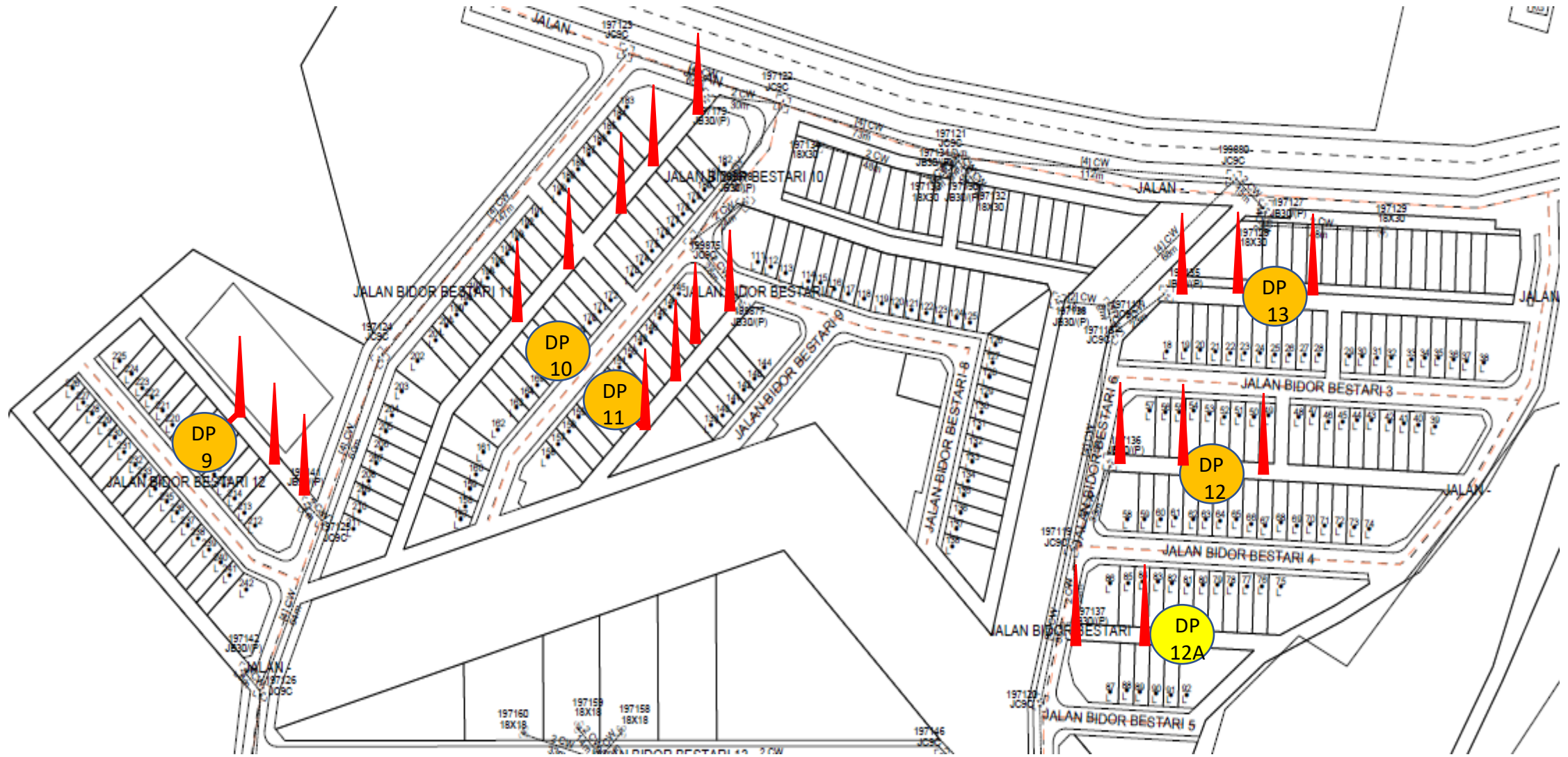
**Kazakon Sdn Bhd shall provide all labor, materials, equipment, and services required to complete the following tasks:**

- Site Preparation**
- Safety and Compliance**
- Pole Delivery and Handling**
- Excavation and Foundation**
- Pole Installation**
- Finishing**

**3. Total poles to install : 45 poles**

# 3.1 New Pole Plan

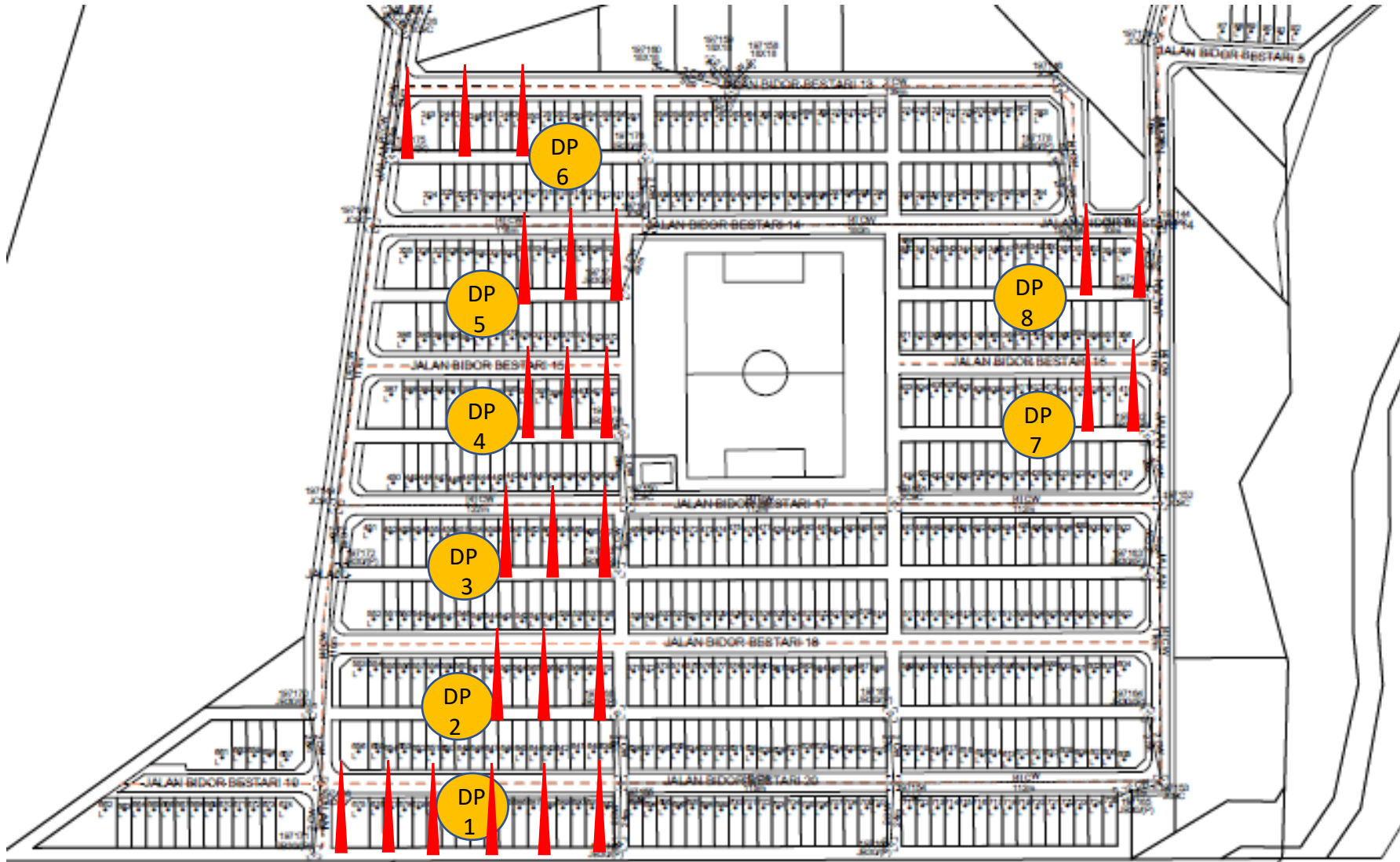
  
**BD C001**



Legend:

	FDC		FDP		FOSC		POLE
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### 3.1 New Pole Plan



Legend:



FDC



FDP



FOSC



POLE

## 3.2 New Pole details

No	POLE ID	Pole Type	GPS Coordinate
1	1 (DP1)	Concrete Pole 7.5m	4.063773° , 101.284081°
2	1	Concrete Pole 7.5m	4.063773° , 101.284081°
3	1	Concrete Pole 7.5m	4.063773° , 101.284081°
4	1	Concrete Pole 7.5m	4.063773° , 101.284081°
5	1	Concrete Pole 7.5m	4.063773° , 101.284081°
6	1	Concrete Pole 7.5m	4.063773° , 101.284081°
7	1 (DP2)	Concrete Pole 7.5m	4.064379° , 101.284035°
8	1	Concrete Pole 7.5m	4.064379° , 101.284035°
9	1	Concrete Pole 7.5m	4.064379° , 101.284035°
10	1 (DP3)	Concrete Pole 7.5m	4.064902° , 101.283998°
11	1	Concrete Pole 7.5m	4.064902° , 101.283998°
12	1	Concrete Pole 7.5m	4.064902° , 101.283998°
13	1 (DP4)	Concrete Pole 7.5m	4.065329° , 101.283775°
14	1	Concrete Pole 7.5m	4.065329° , 101.283775°
15	1	Concrete Pole 7.5m	4.065329° , 101.283775°
16	1 (DP5)	Concrete Pole 7.5m	4.065911° , 101.283751°
17	1	Concrete Pole 7.5m	4.065911° , 101.283751°
18	1	Concrete Pole 7.5m	4.065911° , 101.283751°

## 3.2 New Pole details

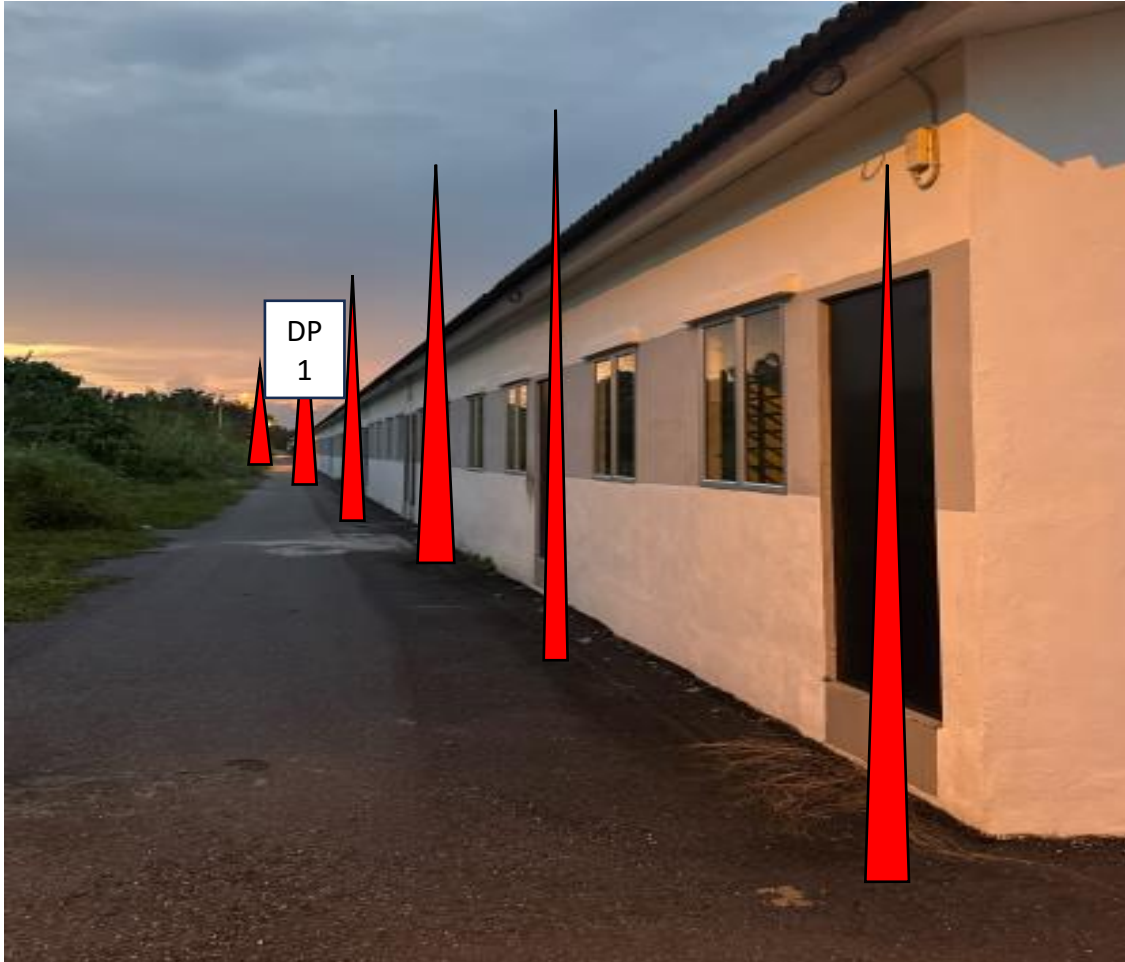
No	POLE ID	Pole Type	GPS Coordinate
19	1 (DP6)	Concrete Pole 7.5m	4.066351° , 101.283710°
20	1	Concrete Pole 7.5m	4.066351° , 101.283710°
21	1	Concrete Pole 7.5m	4.066351° , 101.283710°
22	1 (DP7)	Concrete Pole 7.5m	4.065636° , 101.285363°
23	1	Concrete Pole 7.5m	4.065636° , 101.285363°
24	1 (DP8)	Concrete Pole 7.5m	4.065937° , 101.285316°
25	1	Concrete Pole 7.5m	4.065937° , 101.285316°
26	1 (DP9)	Concrete Pole 7.5m	4.067040° , 101.283320°
27	1	Concrete Pole 7.5m	4.067040° , 101.283320°
28	1	Concrete Pole 7.5m	4.067040° , 101.283320°
29	1 (DP10)	Concrete Pole 7.5m	4.067141° , 101.283819°
30	1	Concrete Pole 7.5m	4.067141° , 101.283819°
31	1	Concrete Pole 7.5m	4.067141° , 101.283819°
32	1	Concrete Pole 7.5m	4.067141° , 101.283819°
33	1	Concrete Pole 7.5m	4.067141° , 101.283819°
34	1 (DP11)	Concrete Pole 7.5m	4.067172° , 101.284305°
35	1	Concrete Pole 7.5m	4.067172° , 101.284305°
36	1	Concrete Pole 7.5m	4.067172° , 101.284305°

## 3.2 New Pole details

No	POLE ID	Pole Type	GPS Coordinate
37	1	Concrete Pole 7.5m	4.067172° , 101.284305°
38	1 (DP12A)	Concrete Pole 7.5m	4.066701° , 101.285851°
39	1	Concrete Pole 7.5m	4.066701° , 101.285851°
40	1 (DP12)	Concrete Pole 7.5m	4.066962° , 101.285948°
41	1	Concrete Pole 7.5m	4.066962° , 101.285948°
42	1	Concrete Pole 7.5m	4.066962° , 101.285948°
43	1 (DP13)	Concrete Pole 7.5m	4.067251° , 101.285945°
44	1	Concrete Pole 7.5m	4.067251° , 101.285945°
45	1	Concrete Pole 7.5m	4.067251° , 101.285945°

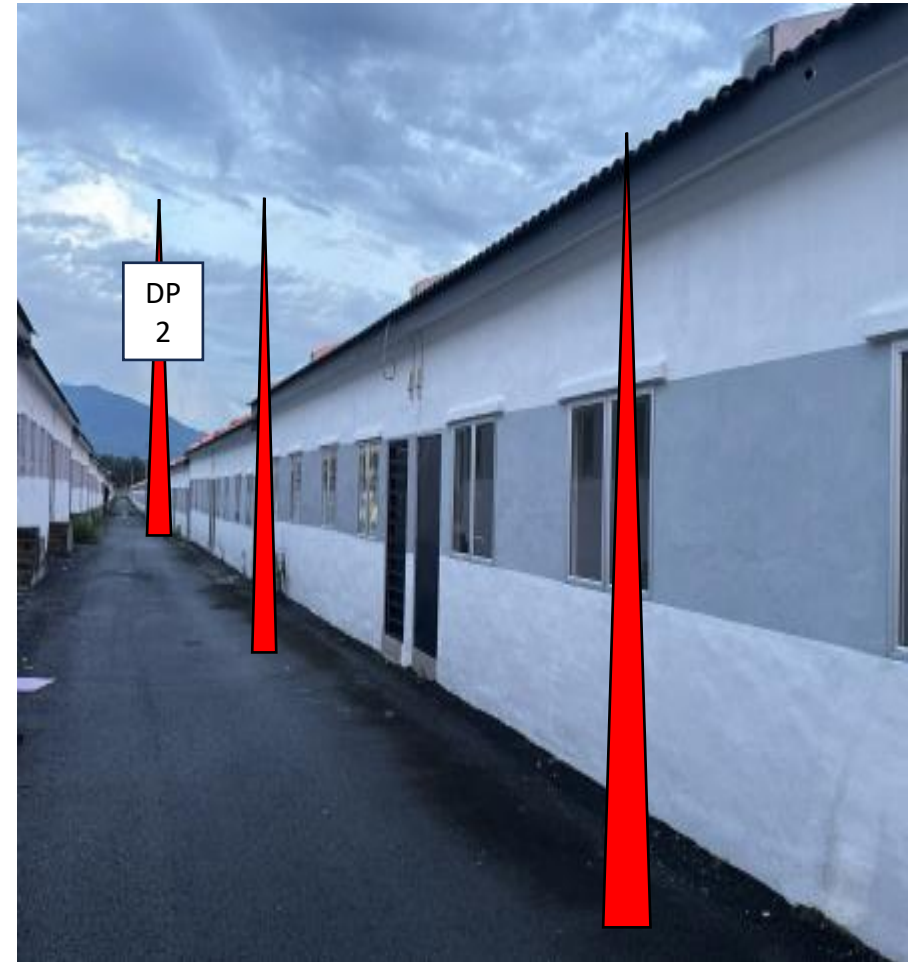
The pole location of GPS coordinate may differ because of poor internet connection, and Google Maps hasn't been updated for this housing area

### 3.3 1 New Pole Illustration



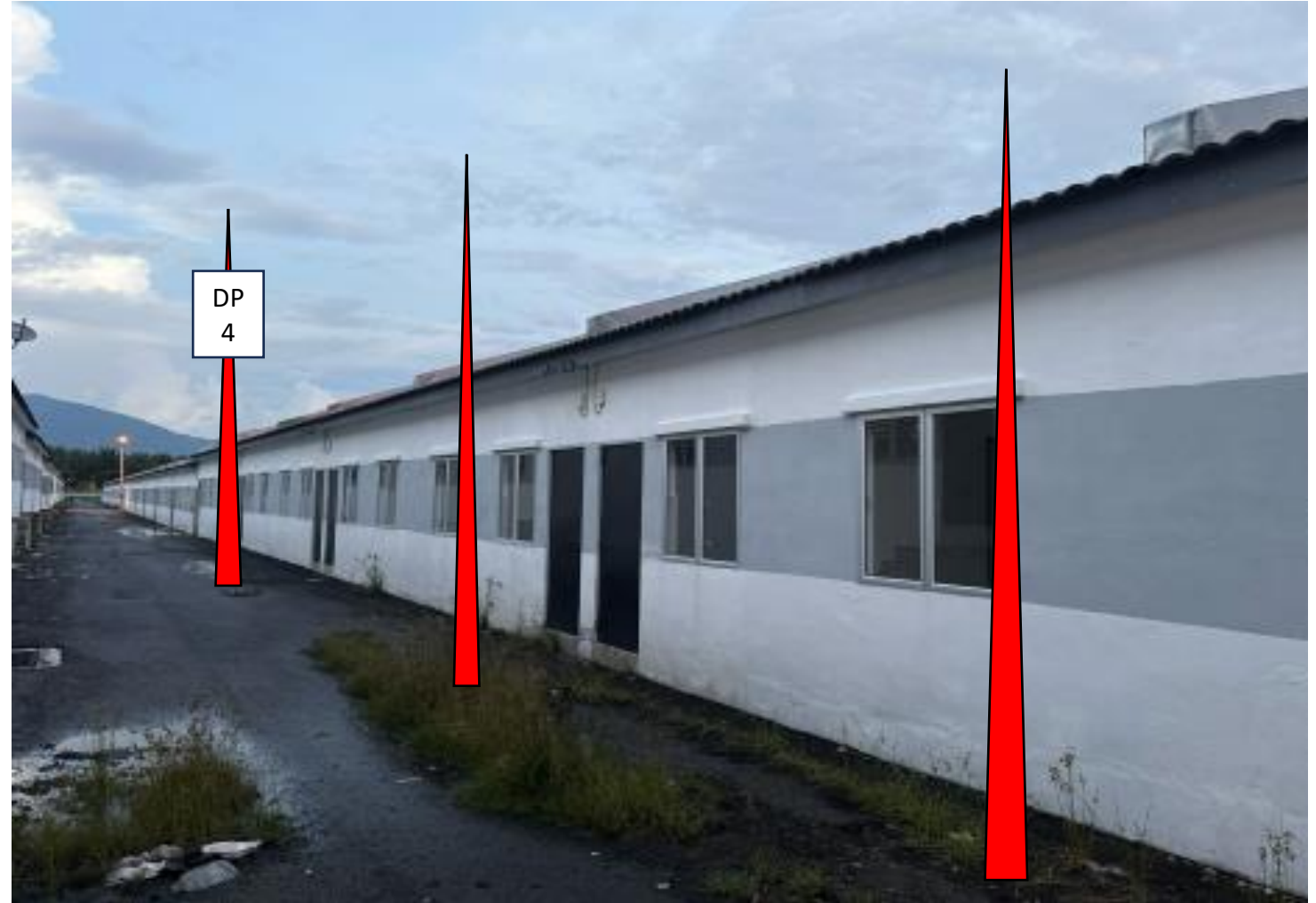
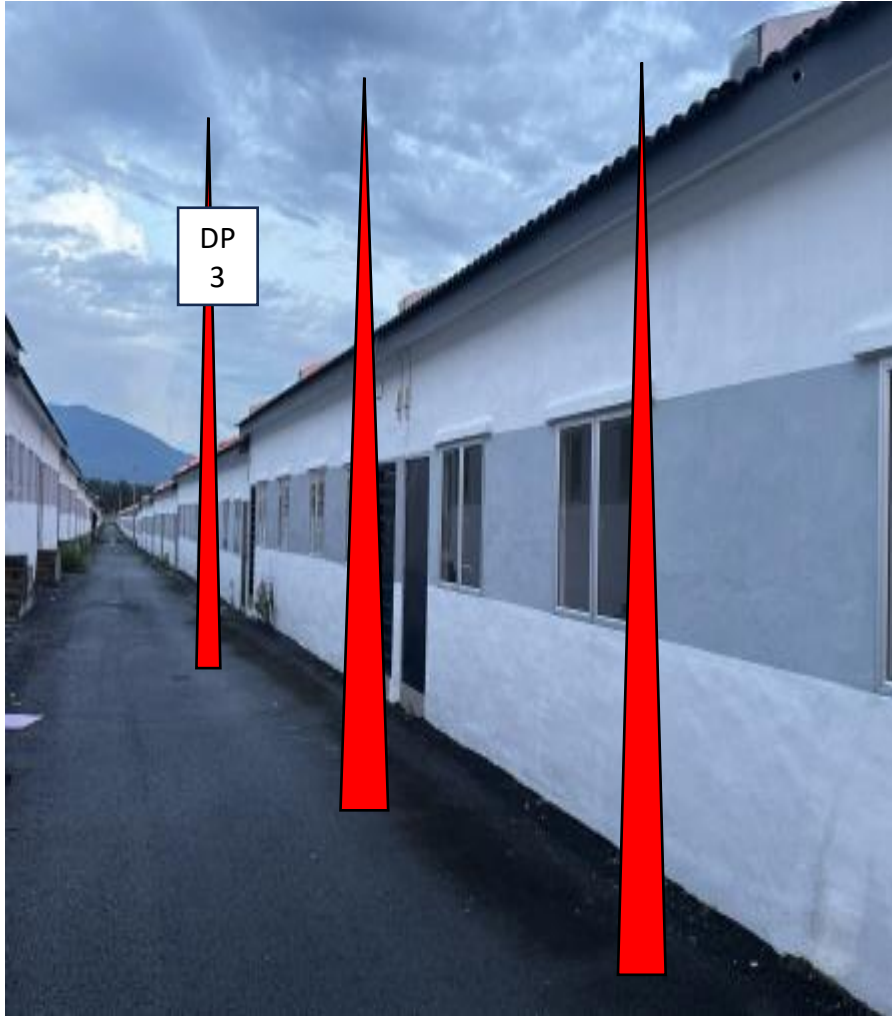
4.063773° , 101.284081°

The pole location of GPS coordinate may differ because of poor internet connection, and Google Maps hasn't been updated for this housing area



4.064379° , 101.284035°

### 3.3 1 New Pole Illustration



4.064902° , 101.283998°

4.065329° , 101.283775°

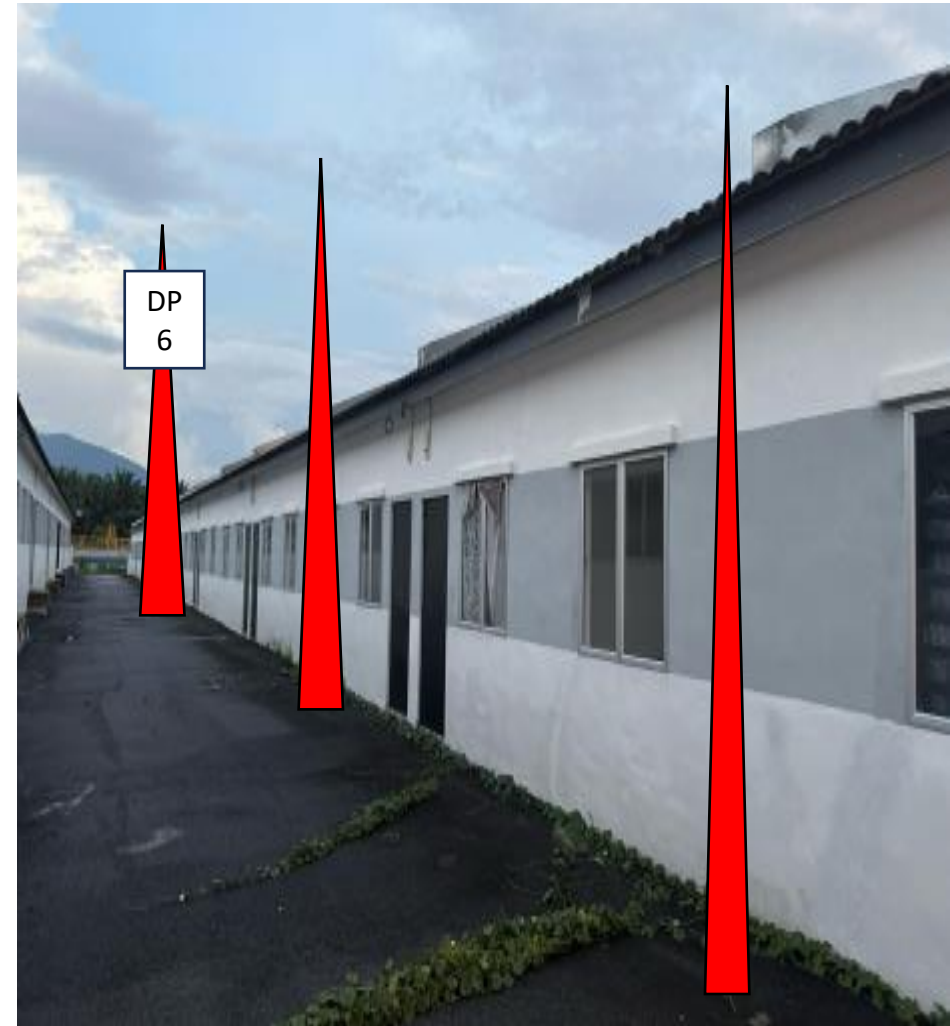
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### 3.3 1 New Pole Illustration



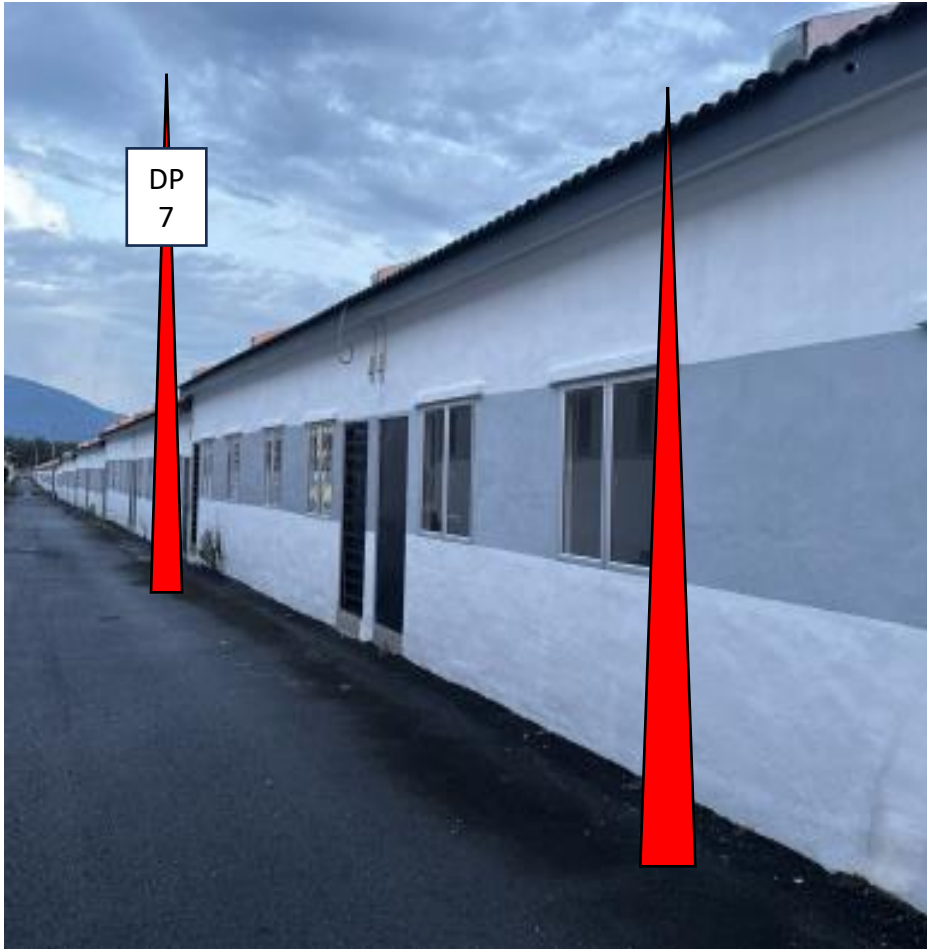
**4.065911° , 101.283751°**

The pole location of GPS coordinate may differ because of poor internet connection, and Google Maps hasn't been updated for this housing area



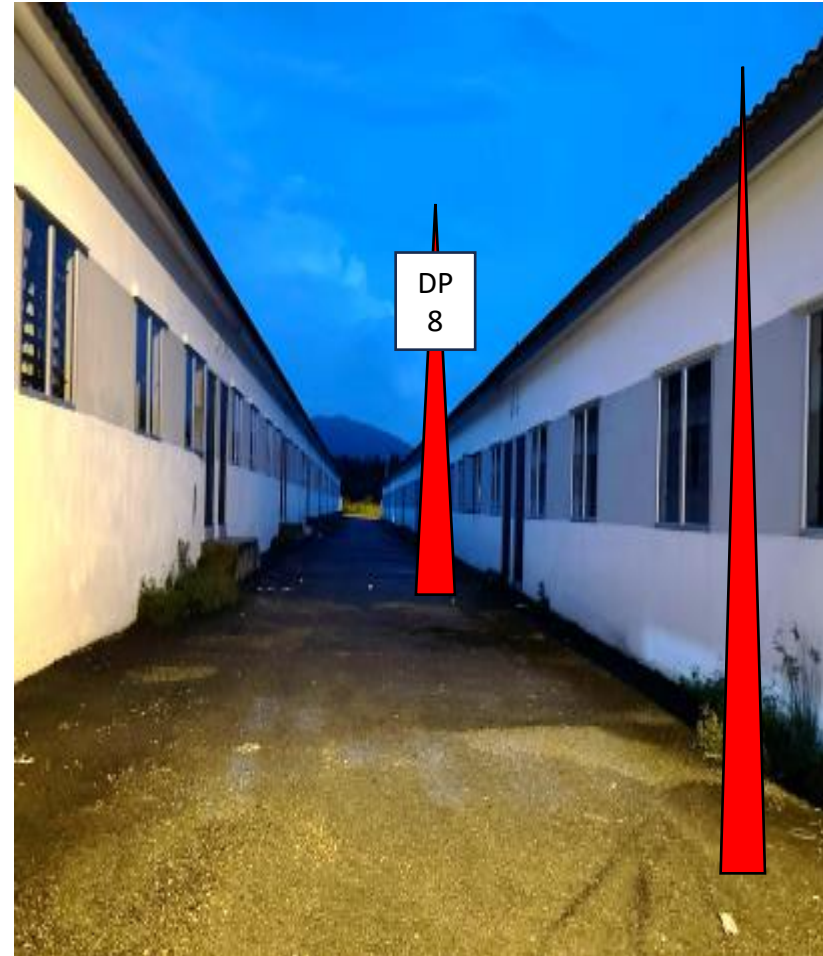
**4.066351° , 101.283710°**

### 3.3 1 New Pole Illustration



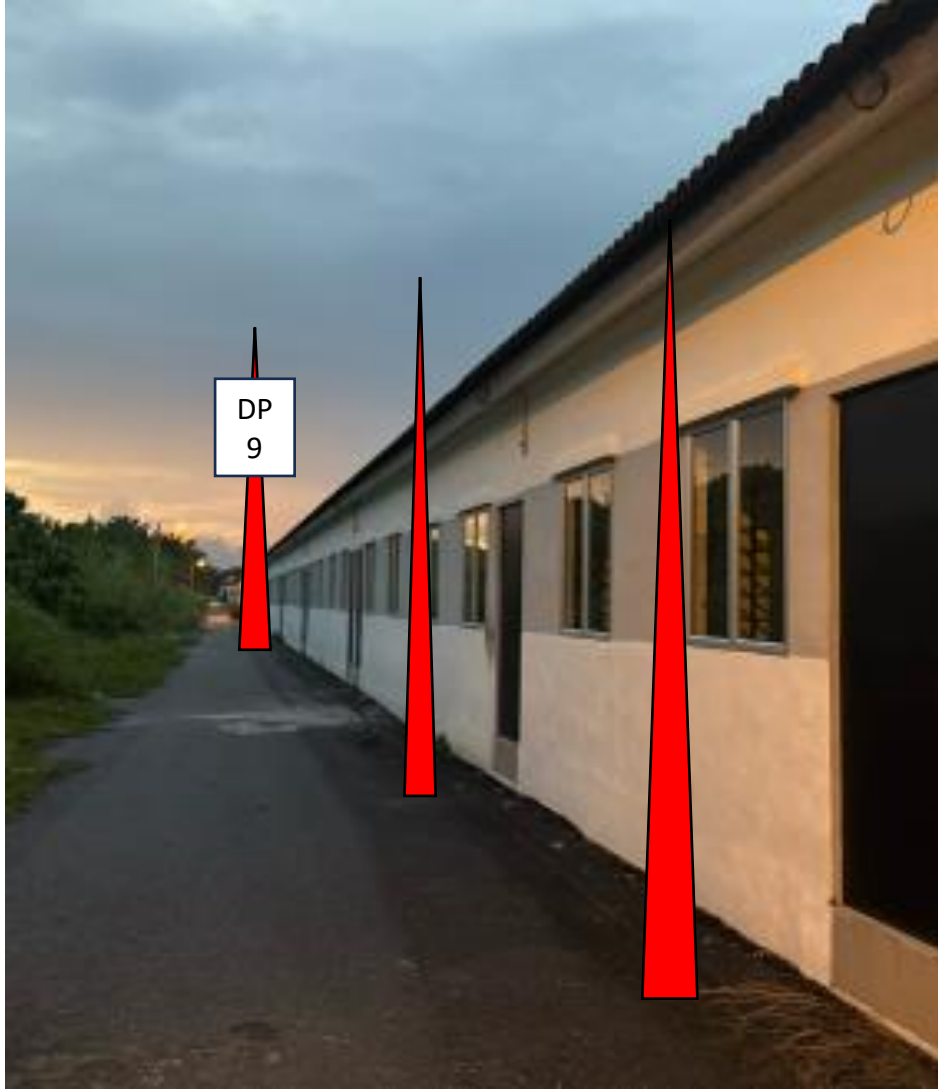
4.065636° , 101.285363°

The pole location of GPS coordinate may differ because of poor internet connection, and Google Maps hasn't been updated for this housing area



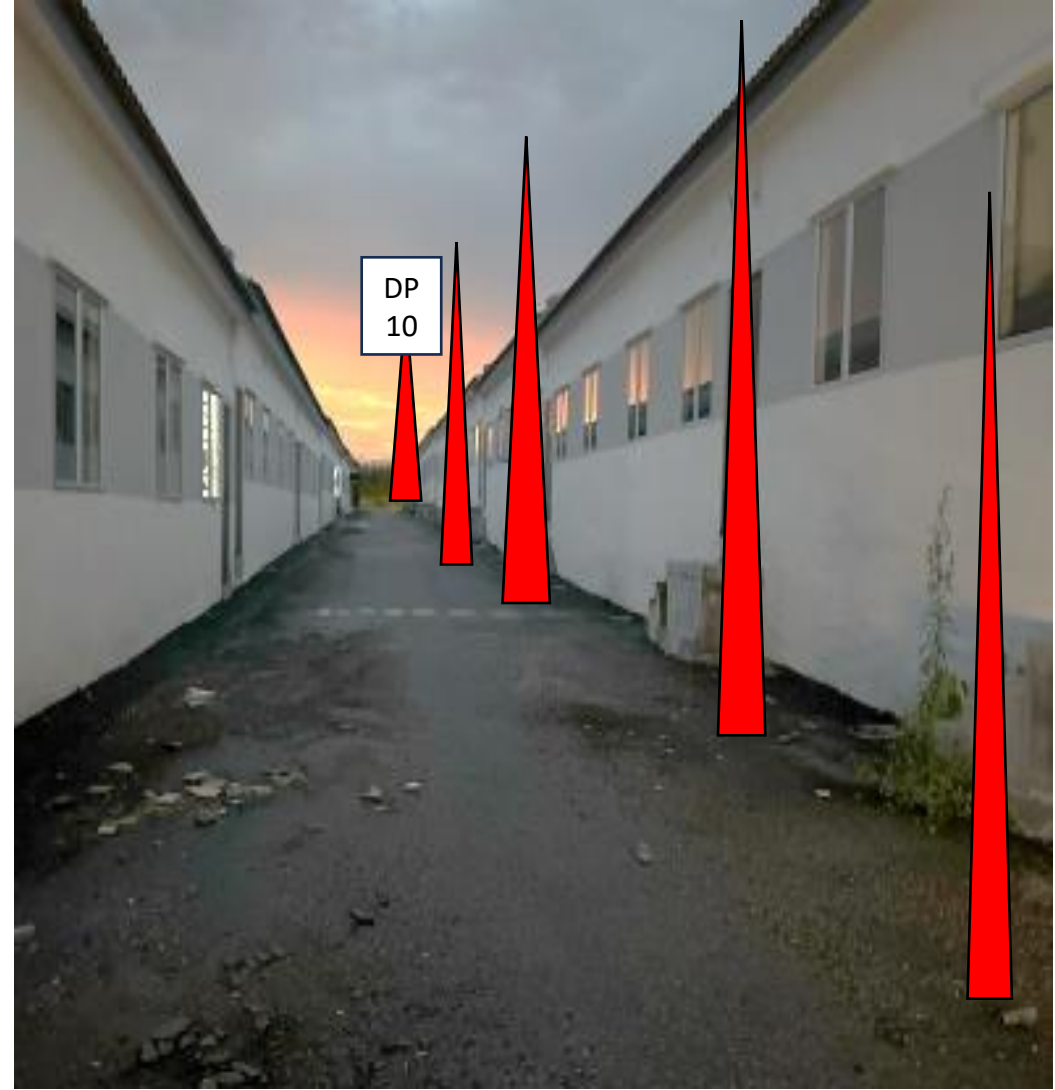
4.065937° , 101.285316°

### 3.3 1 New Pole Illustration



4.067040° , 101.283320°

The pole location of GPS coordinate may differ because of poor internet connection, and Google Maps hasn't been updated for this housing area



4.067141° , 101.283819°

### 3.3 1 New Pole Illustration



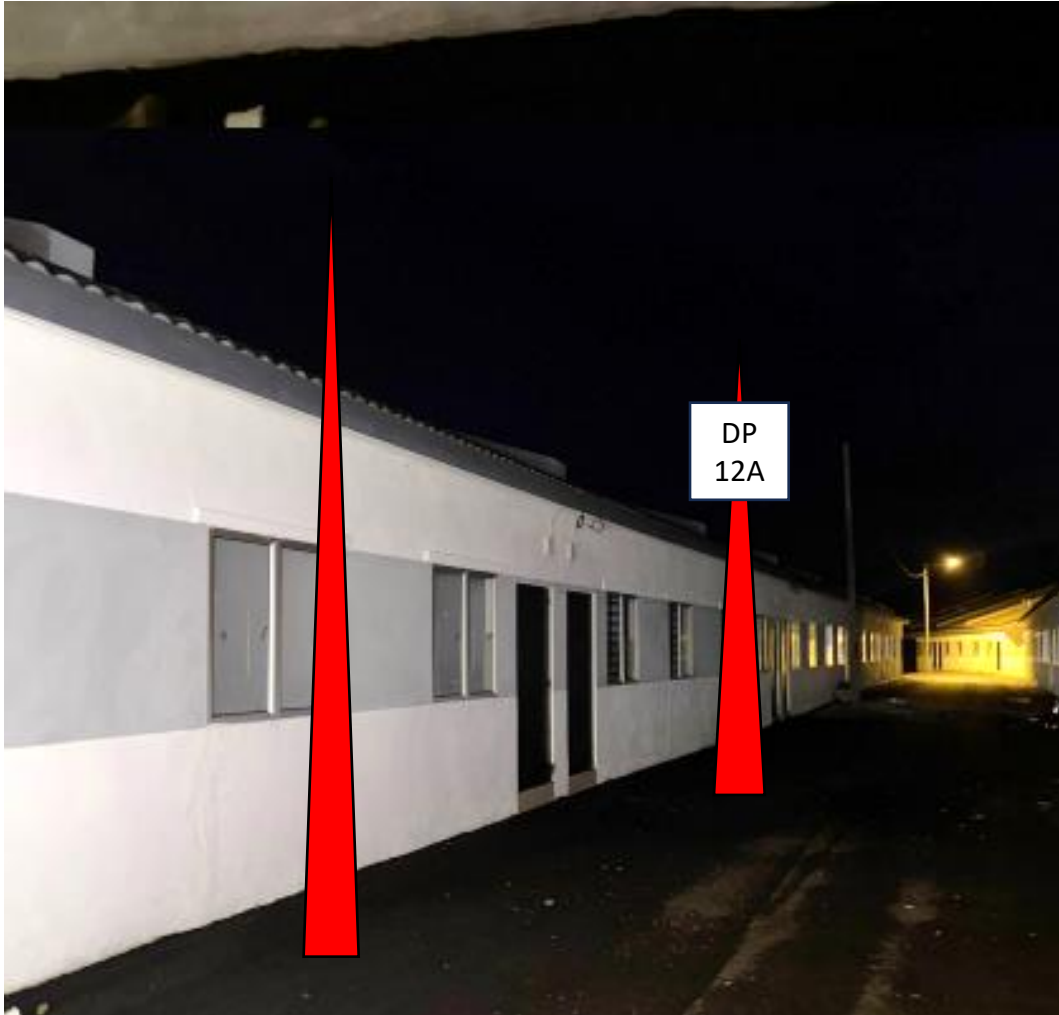
4.067172° , 101.284305°

The pole location of GPS coordinate may differ because of poor internet connection, and Google Maps hasn't been updated for this housing area



4.066962° , 101.285948°

### 3.3 1 New Pole Illustration



4.066701° , 101.285851°



4.067251° , 101.285945°

The pole location of GPS coordinate may differ because of poor internet connection, and Google Maps hasn't been updated for this housing area

## 4.1 BIL OF QUANTITY - BOQ



Contract NO	3400039027
Vendor No	1003219
Project No	TMNA/251256
Region	PERAK
Exchange	BD
BOQ Date	17 APR 2025
LOR ID	PRK-KZK-2512145-TP

NO	ITEMS		RATE	REQ QUANTITY	TOTAL
1	908045	CPP SURU UP TO 152 PORT (ORI MAX)	464.00	104	RM 48,256.00
2	908135	(S/I) TIE DP/ SPLITTER (ORI MAX)	3224.00	1	RM 3,224.00
3	908143	S/I CONCRETE POLE (> 4 POLES) (ORI MAX)	480.28	41	RM 19,691.48
4	908144	S/I CONCRETE POLE (<=4 POLES) (ORI MAX)	673.38	4	RM 2,693.52
5					
		Material Management Fee			RM 3,323.93
		<b>TOTAL COST</b>			<b>RM 77,188.93</b>

Pole supply by NEC.

END OF TECHNICAL PROPOSAL