

## TECHNICAL PROPOSAL

### POP2 ABA3003 SEKOLAH KEBANGSAAN BUKIT MERAH (D-SIDE)

<b>Company Name</b>	: SEGALA DELIMA (M) SDN BHD
<b>Company Address</b>	: No. 8, Jalan Ampang Baru 6B, Pusat Perdagangan Baru, 31350 Ipoh, Perak
<b>Prepared By</b>	: Mohamad Helmi
<b>Date</b>	: 11/12/2024



Point A



Point B

#### Starting Point

Site / Boundary Name	: Sekolah Kebangsaan Bukit Merah
District	: Bagan Serai
Postcode	: 34310
State	: Perak
GPS Coordinate	: 5.043113, 100.653746
LRD	: A

#### End Point

Site / Boundary Name	: Sekolah Kebangsaan Bukit Merah
Address	: Kampung Batu Tujoh
District	: Bagan Serai
Postcode	: 34310
State	: Perak
GPS Coordinate	: 5.067824, 100.657681
LRD	: B

## 1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	0
2	Carriage Way Open Trench(CW)	m	0
3	Grass Verge Open Trenching (GV)	m	0
4	Micro Trenching (MT)	m	52
Total			0

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fiber Cables	m	0
2	Install New Pole	ea	93
3	Install New JRC7 Manhole	ea	-
4	Install GI Riser 100mm	ea	2
5	Install Fiber Distribution Point and Closure (Splicing, Termination and Testing)	ea	13
6	Estimated Time Required for Completion	days	90

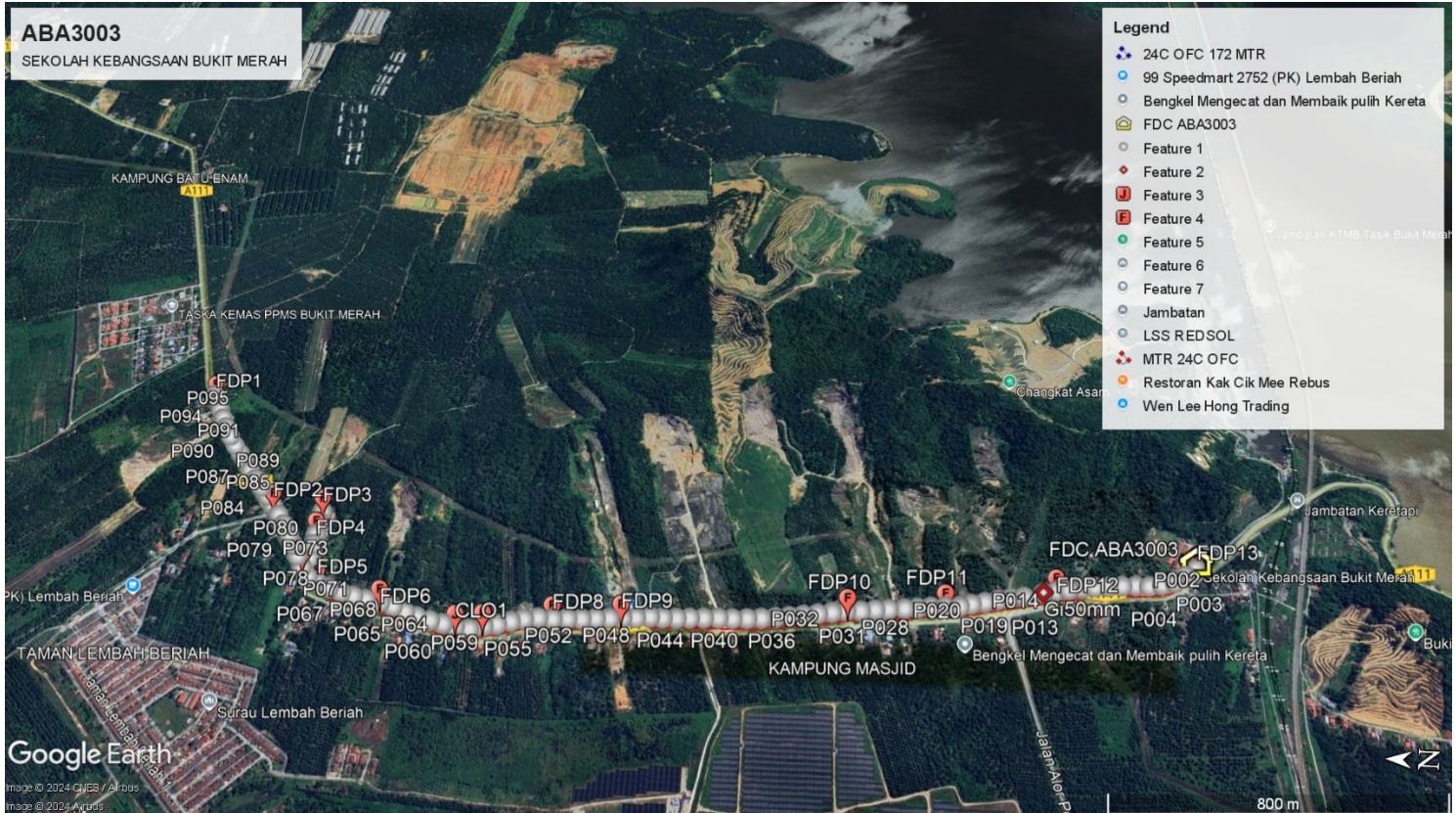
## 2.0 LOCAL AUTHORITY SUMMARY

Daerah Kerian

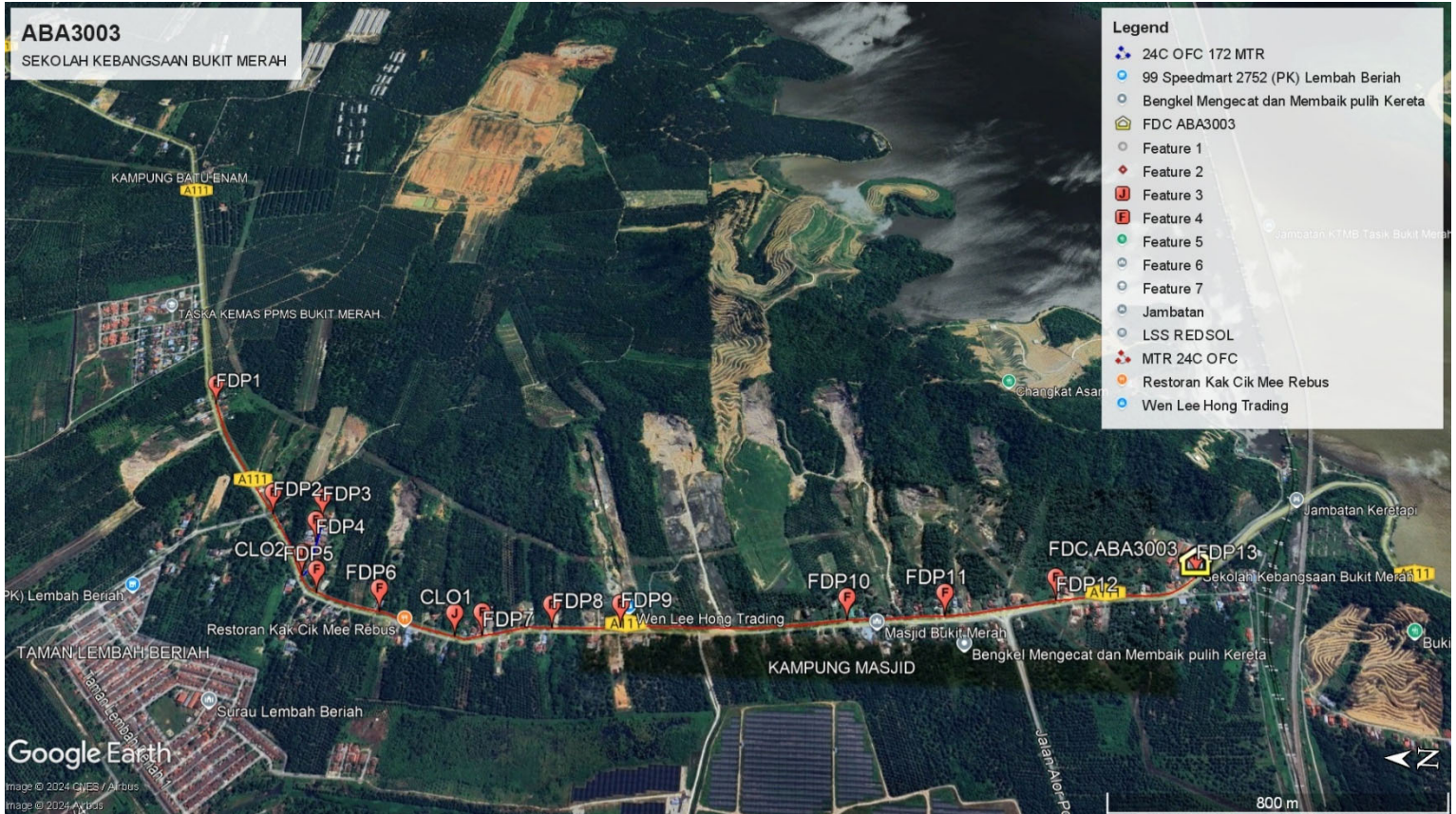
NO	ITEMS	Owner	Quantity	Distance (m)
1	Micro Trenching (MT)	JKR	1	52
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	87	3074
		Majlis	6	172
		Estate / Private Land	-	-
<b>Total Distance (m)</b>				<b>3298</b>

### 3.0 SITE PLAN (KMZ)

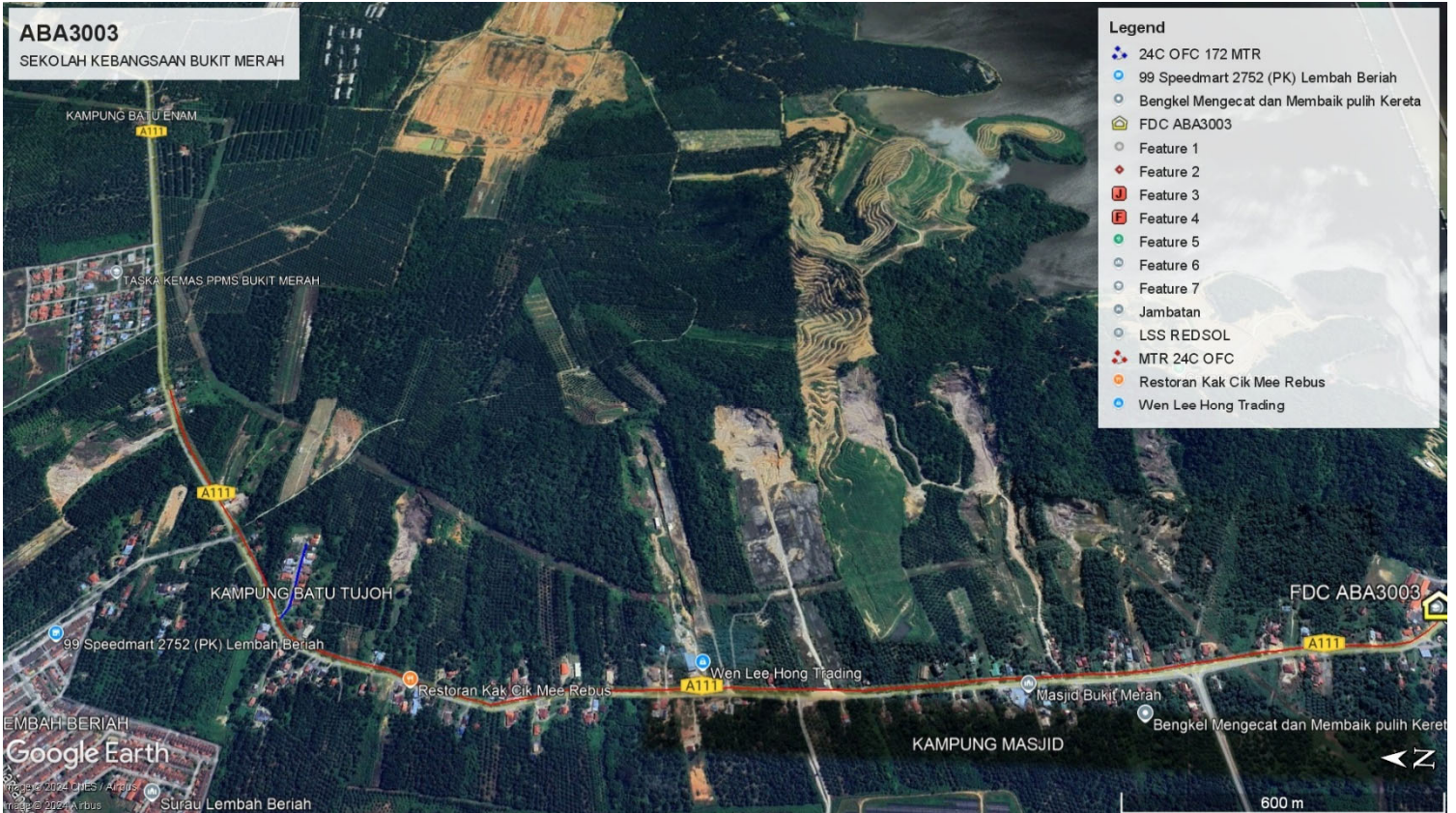
#### 3.1 Overview Site Area (Propose New Pole)



**3.2 Proposed FDP and Closure**



**3.3** Site Plan - KMZ Routing (All Local Authority)



Red Colour - JKR  
Road Blue Colour - Majlis Road

### 3.0 PROPOSED NEW MANHOLE

Proposed New Manhole Coordinate					
No.	Manhole Number	Distance (m)	Latitude	Longitude	Local Authority
1	MH01	-	-	-	-
2	MH02	-	-	-	-

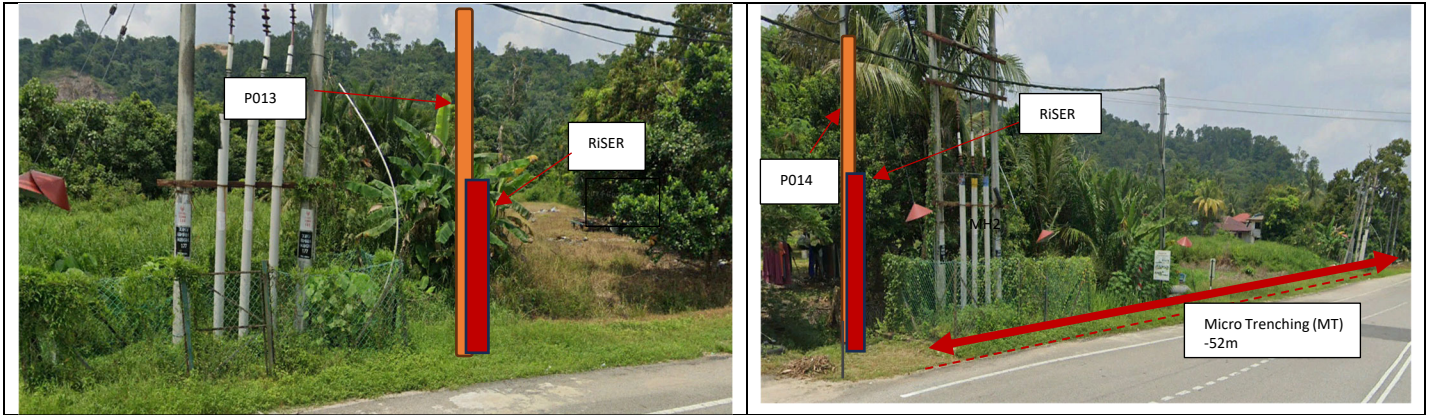
### 4.0 PROPOSED NEW POLE

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	35M	5.043115	100.653744	JKR Daerah Kerian
2	T002	35M	5.043395	100.653554	JKR Daerah Kerian
3	T003	35M	5.043656	100.653372	JKR Daerah Kerian
4	T004	35M	5.043964	100.653290	JKR Daerah Kerian
5	T005	35M	5.044271	100.653243	JKR Daerah Kerian
6	T006	35M	5.044590	100.653245	JKR Daerah Kerian
7	T007	35M	5.044909	100.653222	JKR Daerah Kerian
8	T008	35M	5.045238	100.653189	JKR Daerah Kerian
9	T009	35M	5.045553	100.653159	JKR Daerah Kerian
10	T010	35M	5.045865	100.653110	JKR Daerah Kerian
11	T011	35M	5.046172	100.653053	JKR Daerah Kerian
12	T012	40M	5.046478	100.653001	JKR Daerah Kerian
13	T013	35M	5.046784	100.652937	JKR Daerah Kerian
14	T014	35M	5.047245	100.652812	JKR Daerah Kerian
15	T015	35M	5.047549	100.652755	JKR Daerah Kerian
16	T016	35M	5.047861	100.652686	JKR Daerah Kerian
17	T017	35M	5.048174	100.652604	JKR Daerah Kerian
18	T018	35M	5.048488	100.652539	JKR Daerah Kerian
19	T019	35M	5.048768	100.652463	JKR Daerah Kerian
20	T020	35M	5.049102	100.652438	JKR Daerah Kerian
21	T021	35M	5.049438	100.652415	JKR Daerah Kerian
22	T022	35M	5.049748	100.652376	JKR Daerah Kerian
23	T023	35M	5.050050	100.652342	JKR Daerah Kerian
24	T024	35M	5.050423	100.652296	JKR Daerah Kerian
25	T025	35M	5.050733	100.652262	JKR Daerah Kerian
26	T026	35M	5.050733	100.652262	JKR Daerah Kerian
27	T027	35M	5.051072	100.652205	JKR Daerah Kerian
28	T028	35M	5.051413	100.652184	JKR Daerah Kerian
29	T029	35M	5.051734	100.652131	JKR Daerah Kerian
30	T030	35M	5.052061	100.652087	JKR Daerah Kerian
31	T031	35M	5.052393	100.652046	JKR Daerah Kerian
32	T032	35M	5.052717	100.651999	JKR Daerah Kerian
33	T033	35M	5.053031	100.651960	JKR Daerah Kerian

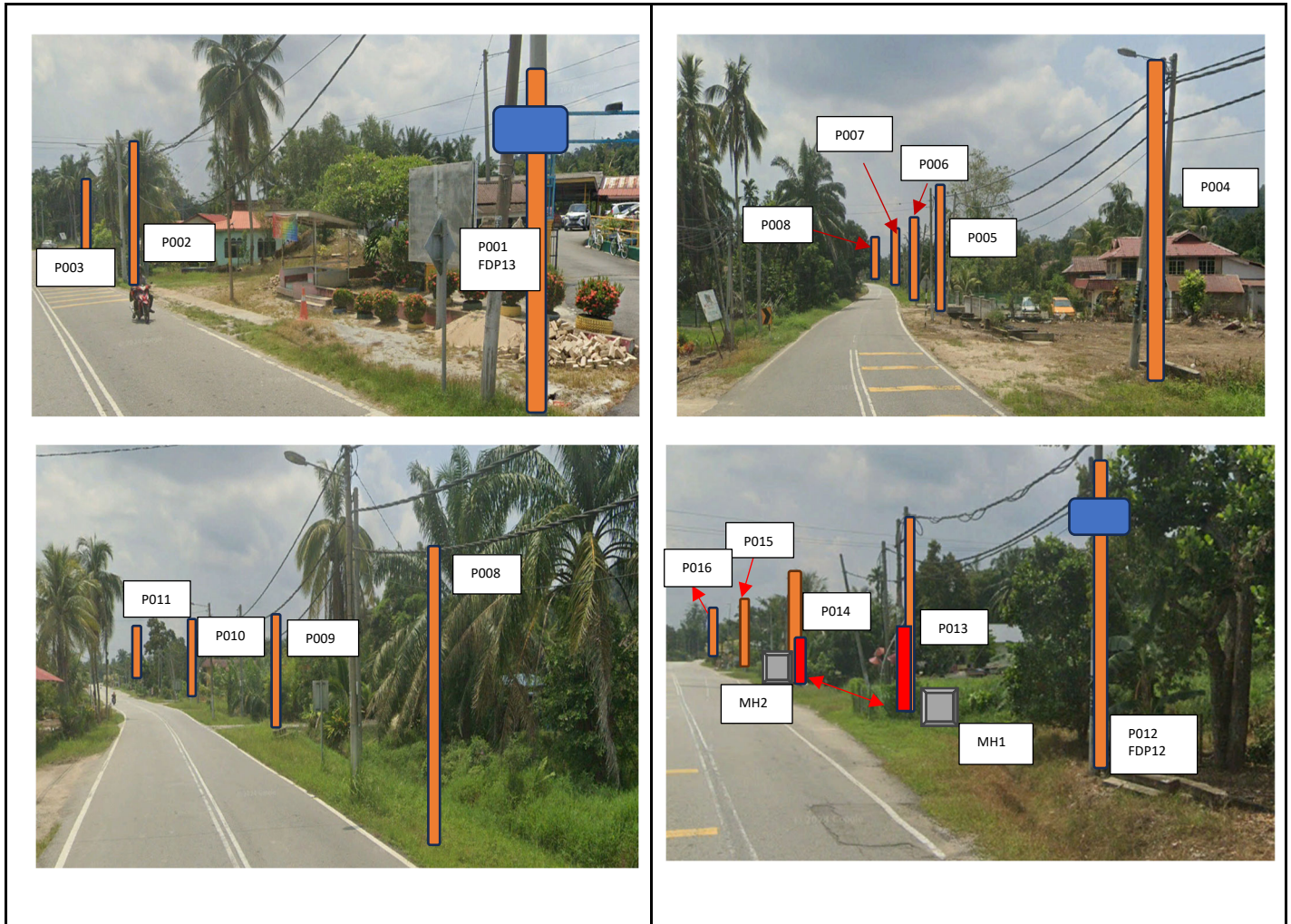
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
34	T034	35M	5.053354	100.651928	JKR Daerah Kerian
35	T035	35M	5.053688	100.651905	JKR Daerah Kerian
36	T036	35M	5.054025	100.651875	JKR Daerah Kerian
37	T037	35M	5.054350	100.651870	JKR Daerah Kerian
38	T038	35M	5.054687	100.651847	JKR Daerah Kerian
39	T039	35M	5.055008	100.651824	JKR Daerah Kerian
40	T040	35M	5.055312	100.651803	JKR Daerah Kerian
41	T041	35M	5.055634	100.651799	JKR Daerah Kerian
42	T042	35M	5.055926	100.651816	JKR Daerah Kerian
43	T043	35M	5.056251	100.651787	JKR Daerah Kerian
44	T044	35M	5.056565	100.651773	JKR Daerah Kerian
45	T045	35M	5.056859	100.651752	JKR Daerah Kerian
46	T046	35M	5.057178	100.651735	JKR Daerah Kerian
47	T047	35M	5.057504	100.651708	JKR Daerah Kerian
48	T048	35M	5.057830	100.651687	JKR Daerah Kerian
49	T049	35M	5.058166	100.651660	JKR Daerah Kerian
50	T050	35M	5.058498	100.651670	JKR Daerah Kerian
51	T051	35M	5.058823	100.651616	JKR Daerah Kerian
52	T052	35M	5.059115	100.651540	JKR Daerah Kerian
53	T053	35M	5.059424	100.651450	JKR Daerah Kerian
54	T054	35M	5.059726	100.651387	JKR Daerah Kerian
55	T055	35M	5.060041	100.651303	JKR Daerah Kerian
56	T056	35M	5.060385	100.651356	JKR Daerah Kerian
57	T057	35M	5.060679	100.651424	JKR Daerah Kerian
58	T058	35M	5.060990	100.651496	JKR Daerah Kerian
59	T059	35M	5.061317	100.651578	JKR Daerah Kerian
60	T060	35M	5.061605	100.651677	JKR Daerah Kerian
61	T061	35M	5.061910	100.651794	JKR Daerah Kerian
62	T062	35M	5.062222	100.651879	JKR Daerah Kerian
63	T063	35M	5.062573	100.651936	JKR Daerah Kerian
64	T064	35M	5.062887	100.652012	JKR Daerah Kerian
65	T065	35M	5.063193	100.652102	JKR Daerah Kerian
66	T066	35M	5.063511	100.652203	JKR Daerah Kerian
67	T067	35M	5.063803	100.652325	JKR Daerah Kerian
68	T068	35M	5.064085	100.652487	JKR Daerah Kerian
69	T069	35M	5.064285	100.652731	JKR Daerah Kerian
70	T070	35M	5.064469	100.653026	JKR Daerah Kerian
71	T071	35M	5.064158	100.652976	Majlis Daerah Kerian
72	T072	35M	5.064144	100.653332	Majlis Daerah Kerian
73	T073	35M	5.064153	100.653615	Majlis Daerah Kerian
74	T074	35M	5.064149	100.653952	Majlis Daerah Kerian
75	T075	35M	5.064137	100.654244	Majlis Daerah Kerian

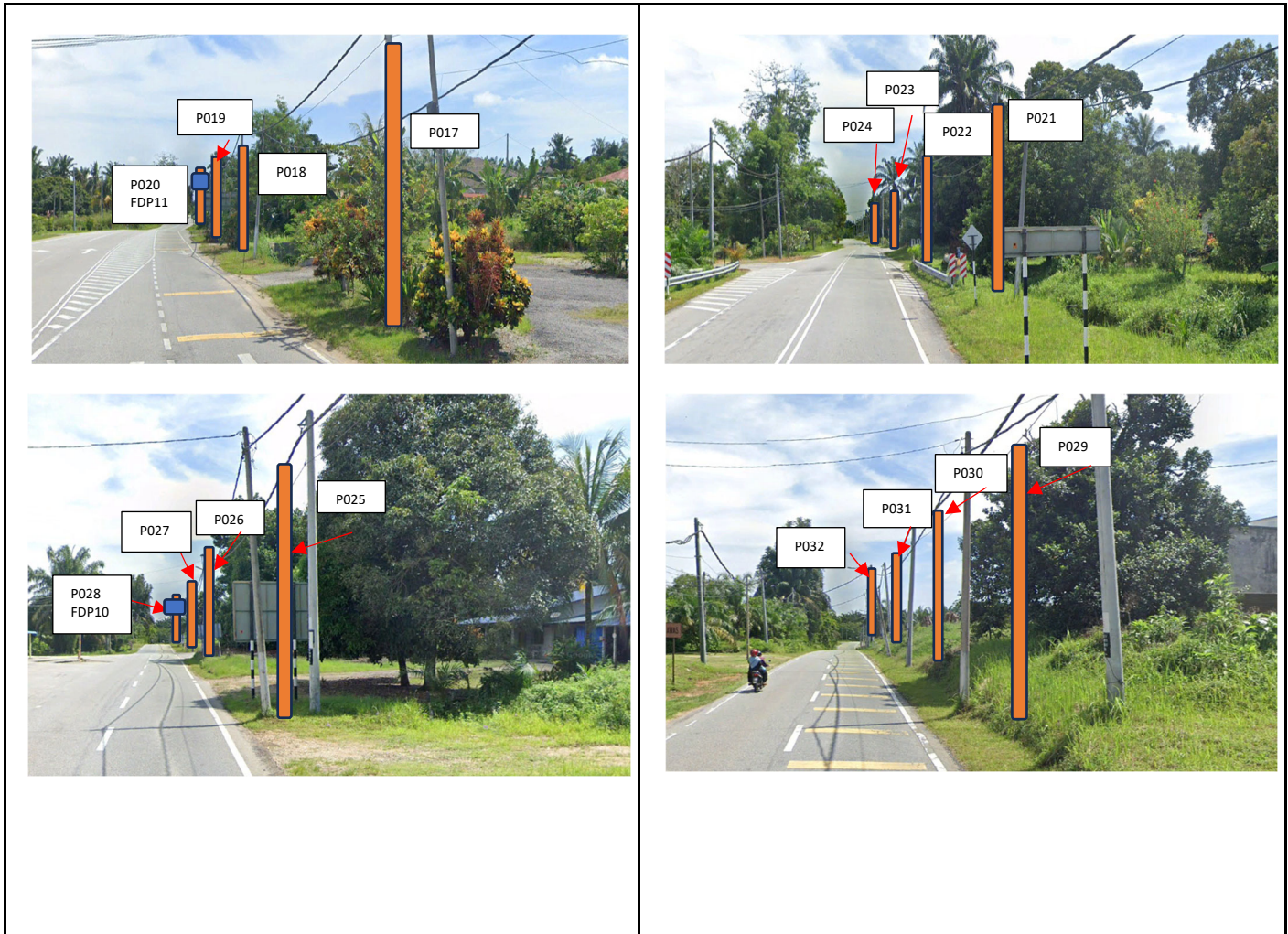
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
76	T076	35M	5.064624	100.653306	Majlis Daerah Kerian
77	T077	35M	5.064796	100.653576	JKR Daerah Kerian
78	T078	35M	5.064989	100.653836	JKR Daerah Kerian
79	T079	35M	5.065186	100.654098	JKR Daerah Kerian
80	T080	35M	5.065390	100.654344	JKR Daerah Kerian
81	T081	35M	5.065588	100.654609	JKR Daerah Kerian
82	T082	35M	5.065817	100.654866	JKR Daerah Kerian
83	T083	35M	5.066021	100.655097	JKR Daerah Kerian
84	T084	35M	5.066223	100.655343	JKR Daerah Kerian
85	T085	35M	5.066420	100.655595	JKR Daerah Kerian
86	T086	35M	5.066621	100.655846	JKR Daerah Kerian
87	T087	35M	5.066831	100.656089	JKR Daerah Kerian
88	T088	35M	5.067026	100.656347	JKR Daerah Kerian
89	T089	35M	5.067199	100.656625	JKR Daerah Kerian
90	T090	35M	5.067365	100.656903	JKR Daerah Kerian
91	T091	35M	5.067532	100.657177	JKR Daerah Kerian
92	T092	35M	5.067677	100.657438	JKR Daerah Kerian
93	T093	35M	5.067824	100.657681	JKR Daerah Kerian

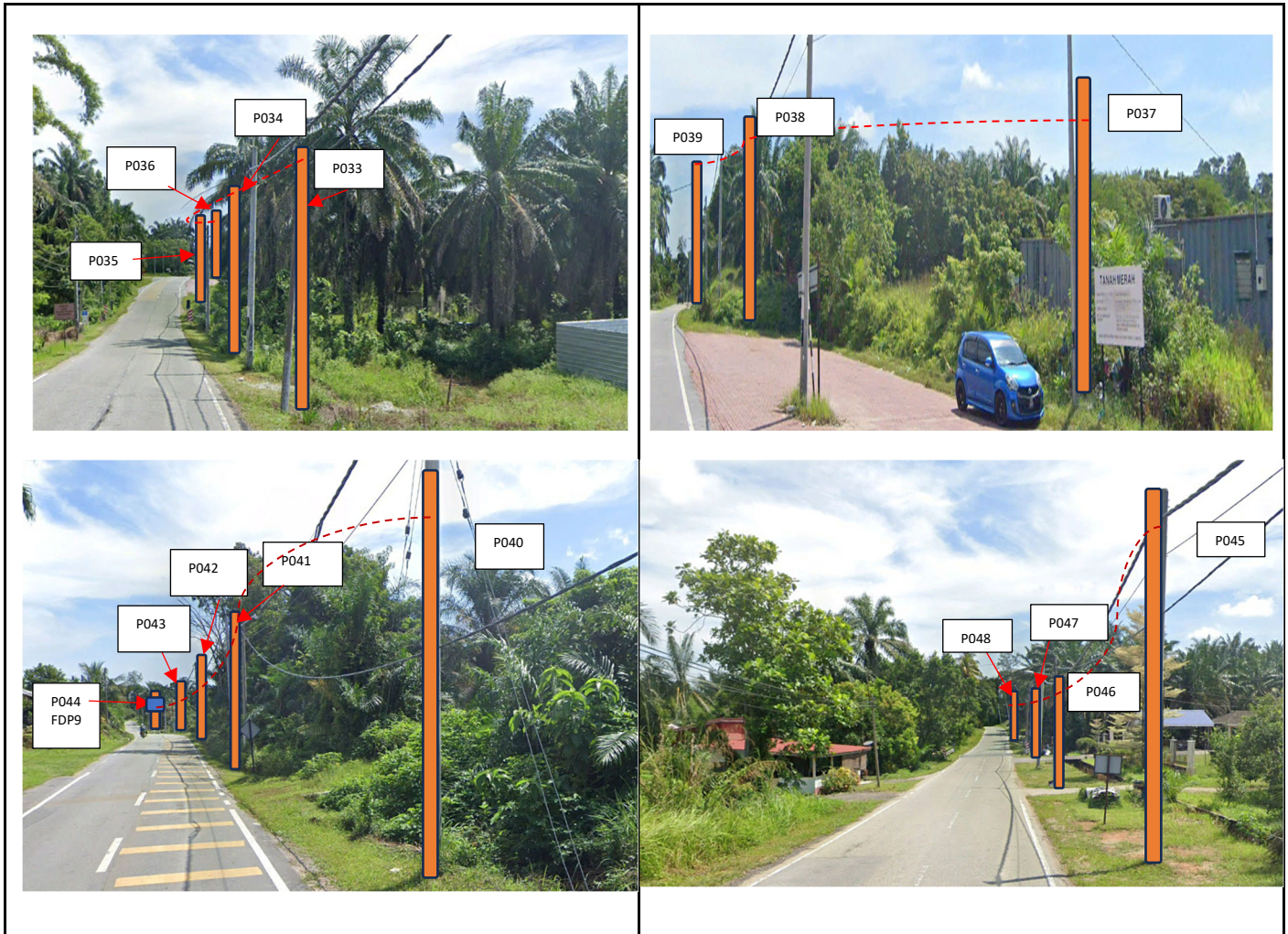
### 5.0 SITE PHOTOS - PROPOSED MICRO TRENCHING (MT)



**6.0 SITE PHOTOS - PROPOSED NEW POLE**

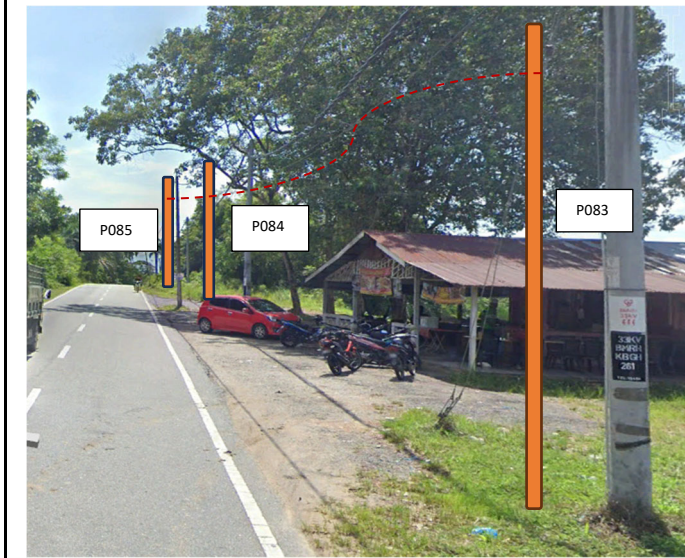
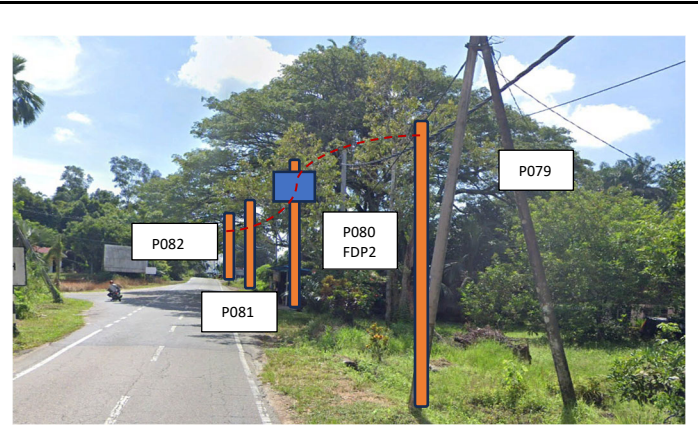
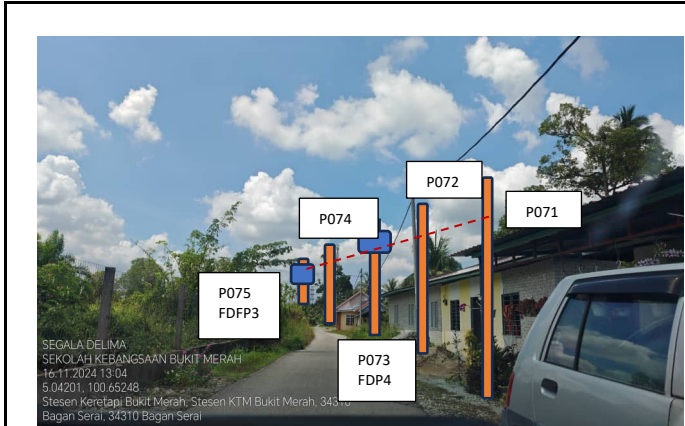


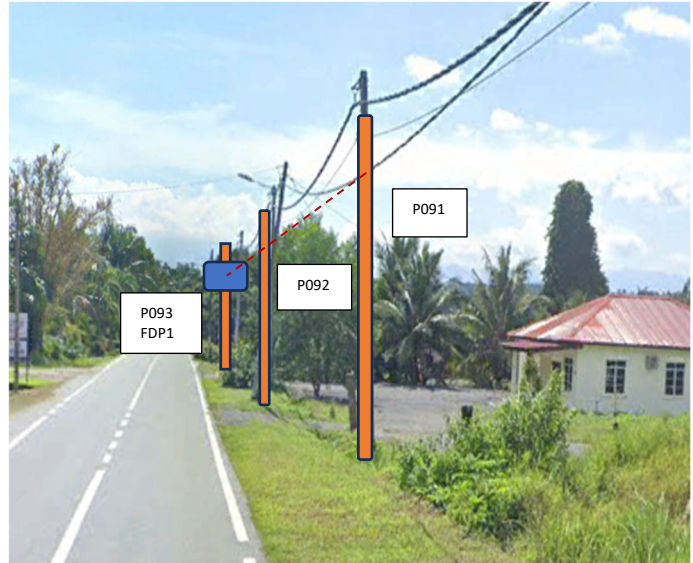




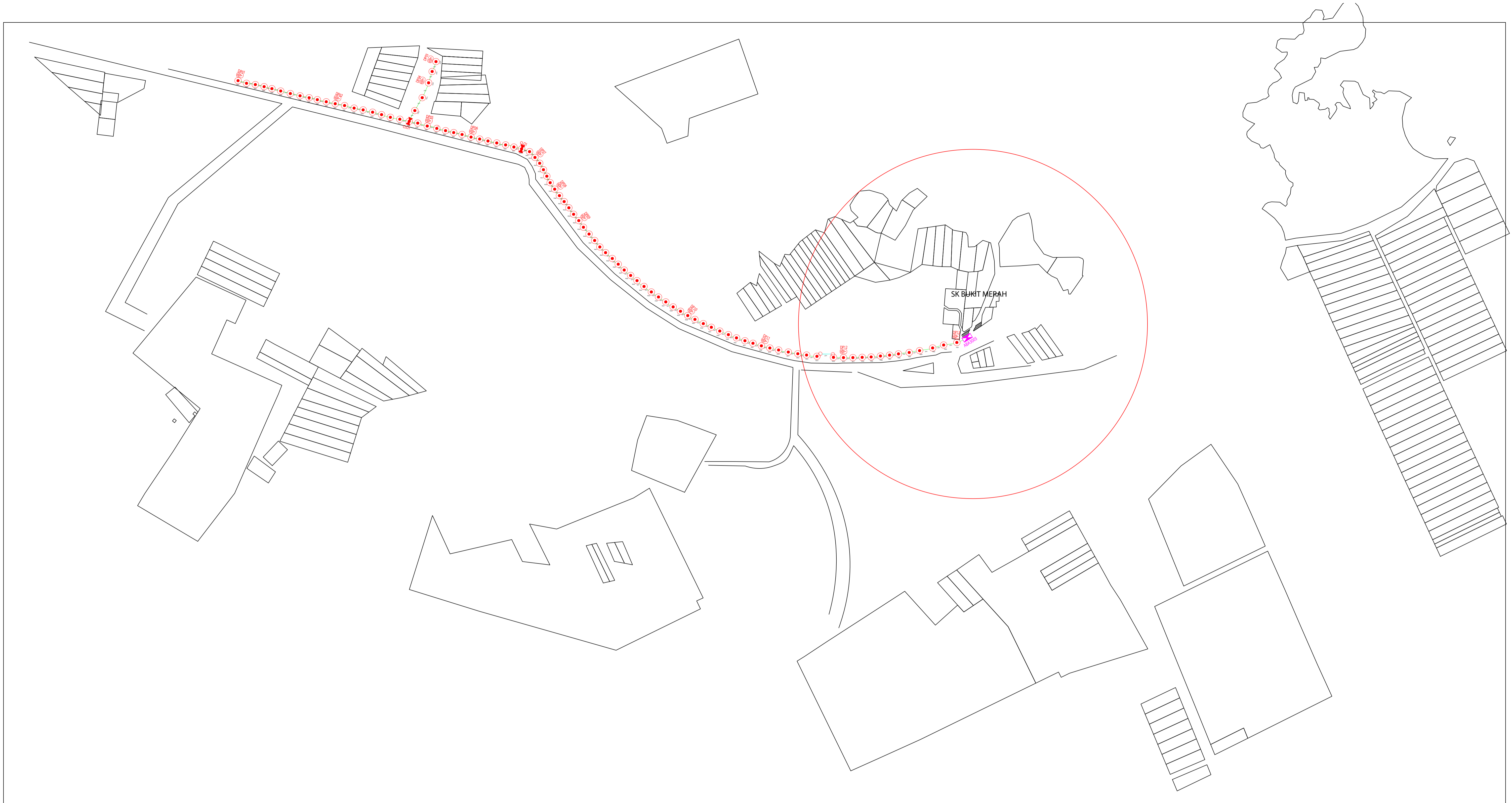


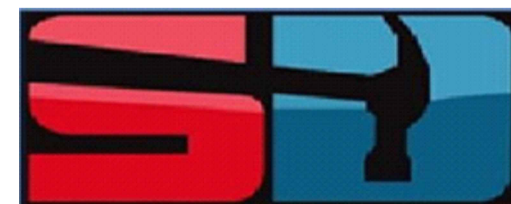


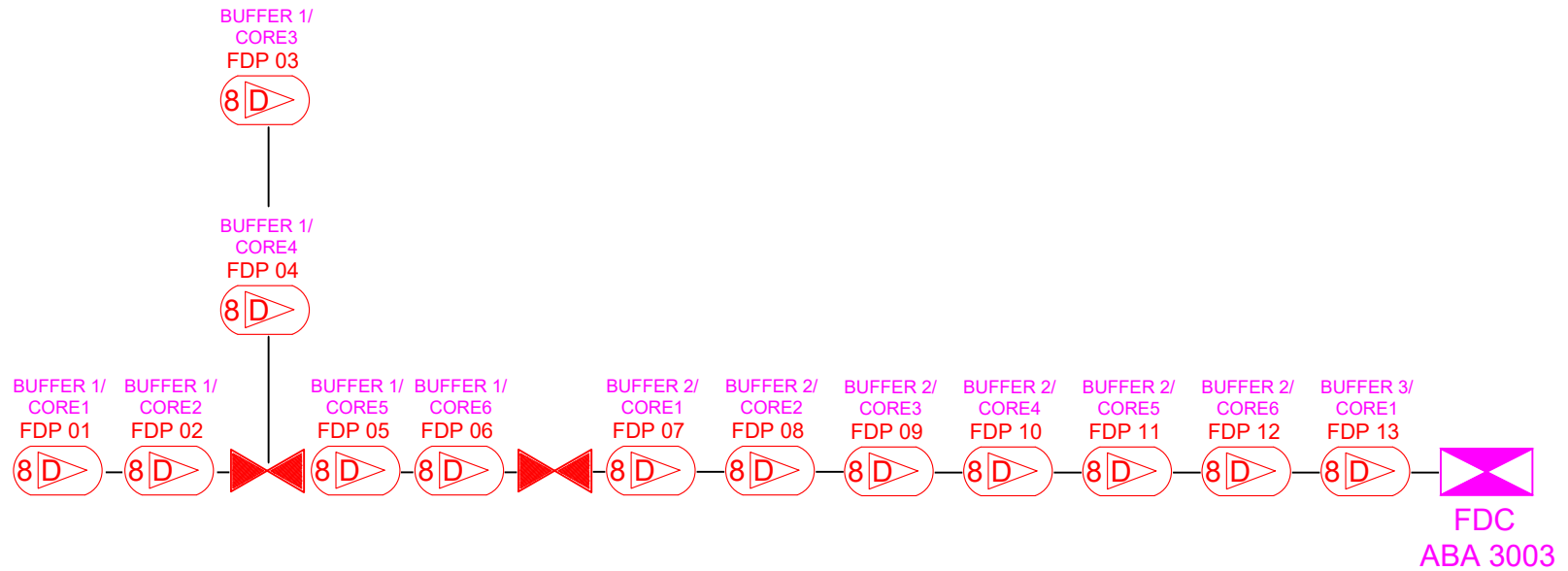




NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Kerian	172m
2	JKR Daerah Kerian	3126m



<table border="1"> <tr><td>12C FOC</td><td></td><td>Installed 1:4 / 1:8 / 1:32 splitter</td><td></td><td>○</td><td>Installed Pole (9m)</td><td></td><td>s</td><td>Suspension</td><td></td><td>JB30</td><td>New Manhole (PIT)</td><td></td><td>52</td><td>MH1</td><td>MH NO.</td></tr> <tr><td>24C FOC</td><td>3246</td><td>Installed Patch Cord</td><td></td><td>○</td><td>Installed Pole (7.5M)</td><td>93</td><td>T</td><td>Tension</td><td></td><td>C7</td><td>New Manhole(JRC7)</td><td></td><td></td><td>TKS-1</td><td>Existing TNB Pole NO.</td></tr> <tr><td>48C FOC</td><td></td><td>FDC</td><td>1</td><td>□</td><td>Installed Pole (6.7M)</td><td></td><td>⊙</td><td>Pole Ring</td><td></td><td></td><td>FDP Boundary</td><td></td><td></td><td>PO01</td><td>New Pole NO.</td></tr> <tr><td>96C FOC</td><td></td><td>Closure</td><td>2</td><td>●</td><td>Existing TNB Pole</td><td></td><td>⊗</td><td>FDP with (1:8) splitter</td><td>13</td><td></td><td>HDD (Meter)</td><td></td><td></td><td>CL01</td><td>Closure NO.</td></tr> <tr><td>144C FOC</td><td></td><td>Existing Closure</td><td></td><td>□</td><td>Installed Riser</td><td>2</td><td>⊞</td><td>Existing Manhole</td><td></td><td></td><td>Open Cut (Meter)</td><td></td><td></td><td>DP1</td><td>FDP NO.</td></tr> </table>	12C FOC		Installed 1:4 / 1:8 / 1:32 splitter		○	Installed Pole (9m)		s	Suspension		JB30	New Manhole (PIT)		52	MH1	MH NO.	24C FOC	3246	Installed Patch Cord		○	Installed Pole (7.5M)	93	T	Tension		C7	New Manhole(JRC7)			TKS-1	Existing TNB Pole NO.	48C FOC		FDC	1	□	Installed Pole (6.7M)		⊙	Pole Ring			FDP Boundary			PO01	New Pole NO.	96C FOC		Closure	2	●	Existing TNB Pole		⊗	FDP with (1:8) splitter	13		HDD (Meter)			CL01	Closure NO.	144C FOC		Existing Closure		□	Installed Riser	2	⊞	Existing Manhole			Open Cut (Meter)			DP1	FDP NO.	<p>ACTUAL HOMEPASS :</p>
12C FOC		Installed 1:4 / 1:8 / 1:32 splitter		○	Installed Pole (9m)		s	Suspension		JB30	New Manhole (PIT)		52	MH1	MH NO.																																																																		
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<p>KEY PLAN:</p>	<p>PROJECT OWNER:</p>  <p>KEMENTERIAN KOMUNIKASI DAN DIGITAL</p>	<p>MAIN CONTRACTOR:</p>  <p>PRIVASAT</p>	<p>SUB-CONTRACTOR:</p>  <p>SEGALA DELIMA (M) SDN BHD NO8, JALAN AMPANG BARU 6B PUSAT PERDAGANGAN AMPANG BARU 31350, IPOH PERAK</p>	<p>PROJECT TITLE:</p> <p>CONTRACT FOR SURVEY TECHNICAL PROPOSE AND WAYLEAVE &amp; PERMITTING APPROVAL – POP 2 PROJECT</p>	<p>DRAWING TITLE:</p> <p>(ABA3003)SEKOLAH KEBANGSAAN BUKIT MERAH</p> <p>PROJECT PHASE:</p> <p>POP 2 PROJECT</p>	<p>Design By : NASROHAIZAN</p> <p>Drawn By : NASROHAIZAN</p> <p>Checked By : (ALLO PIC)</p> <p>DRAWING NUMBER :</p>	<p>Date : 28 NOV 2024</p> <p>Scale : 1 : 5000</p> <p>Job Number :</p> <p>Sheet : 1 / 1</p> <p>Size : A1</p>																																																																										



	12C FOC	Installed 1:4 / 1:8 / 1:32 splitter		Installed Pole (9m)		Suspension		New Manhole (PIT)		Micro-Trenching (Meter)		MH NO.
	24C FOC	Installed Patch Cord		Installed Pole (7.5M)		Tension		New Manhole (RC7)		Temporary Infra (Meter)		Existing TNB Pole NO.
	48C FOC	FDC		Installed Pole (6.7M)		Pole Ring		FDP Boundary		Loop / Coil (Meter)		New Pole NO.
	96C FOC	Closure		Existing TNB Pole		FDP with (1:8) splitter		HDD (Meter)		Active Outdoor Cabinet		Closure NO.
	144C FOC	Existing Closure		Installed Riser		Existing Manhole		Open Cut (Meter)		FDC NO.		FDP NO.

KEY PLAN:	PROJECT OWNER: 	MAIN CONTRACTOR: 	SUB-CONTRACTOR: 	PROJECT TITLE: (ABA3003) SEKOLAH KEBANGSAAN BUKIT MERAH	DRAWING TITLE: CORE ASSIGNMENT DRAWING PROJECT PHASE: POP 2	ACTUAL HOMEPASS :	Design By : NASROHAZAN Date : 9 NOV 2024	Drawn By : NASROHAZAN Scale : 1 : 5000	Checked By : (ALLO PIC) Job Number :	DRAWING NUMBER :	Sheet : 1 / 1	Size : A1
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