

TECHNICAL PROPOSAL POP2 ABA8215 SEKOLAH KEBANGSAAN TELUK KEPAYANG (D-SIDE)

Company Name	:	WCWL COMMUNICATIONS SDN BHD
Company Address	:	127, Jalan PUJ 3/3, Taman Puncak Jalil 43300 Subang Jaya Selangor
Prepared By	:	Zhahin
Date	:	25/02/2025



POINT A

POINT B

Starting Point

Site / Boundary Name	:	SEKOLAH KEBANGSAAN TELUK KEPAYANG
Address	:	No. 1, Kampung Teluk Kepayang
District	:	Bota
Postcode	:	32600
State	:	Perak
GPS Coordinate	:	4.320633, 100.880083
LRD	:	A

End Point

Site / Boundary Name	:	SEKOLAH KEBANGSAAN TELUK KEPAYANG
Address	:	Jalan Teluk Sena
District	:	Bota
Postcode	:	32600
State	:	Perak
GPS Coordinate	:	4.309140, 100.887041
		B



PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENSE (POP) FASA 2: HUB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA (KKMM.400-11/17/132(1))



Work Summary

No	Proposed Distance and Method	Unit	Qty
1	Horizontal Directional Drilling (HDD)	m	63.4
2	Carriage Way Open trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	0
4	Micro trenching (MT)	m	0
	Total		63.4

	Other Information	Unit	Qty
1	Proposed Manhole	EA	2
2	Proposed Pole	EA	51
3	Joint Closure	EA	1
4	Estimated time required for completion	days	30



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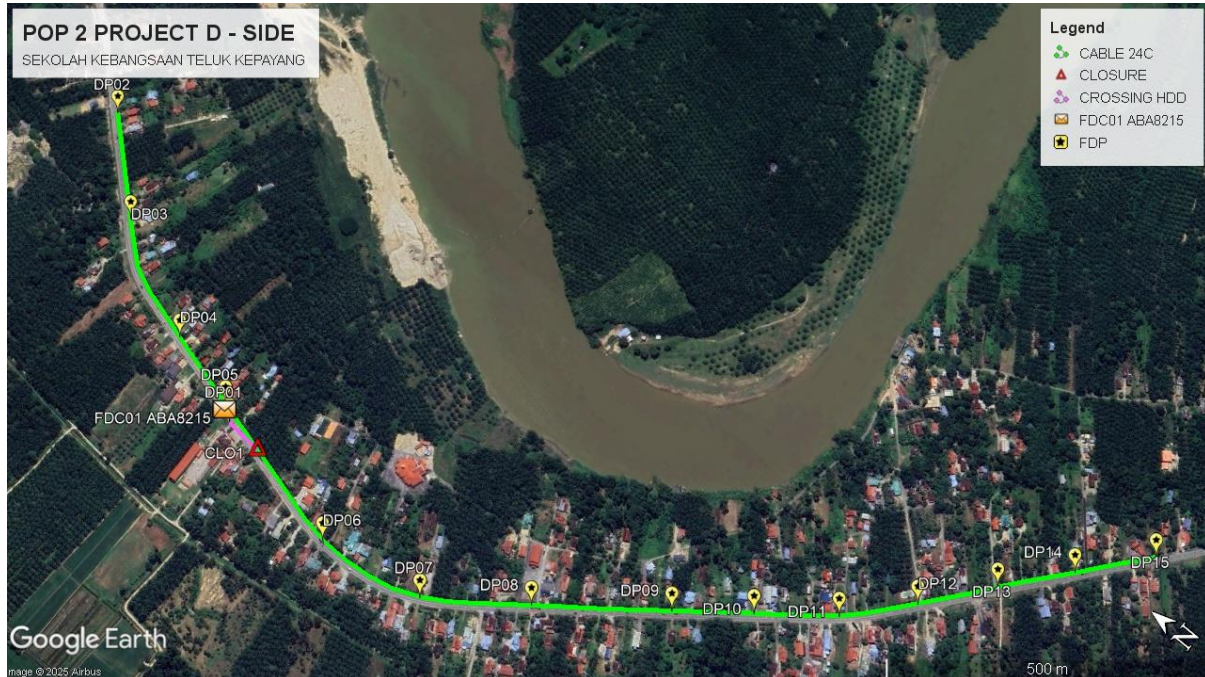
Local Authority Summary

1. Perak Tengah

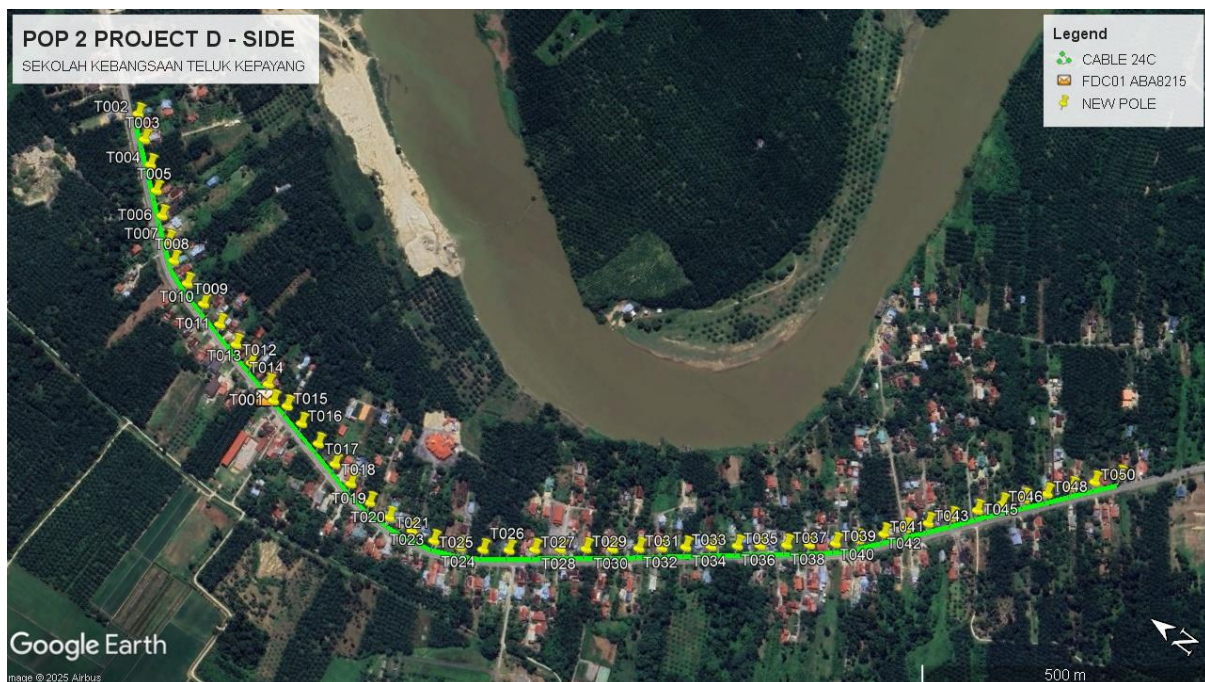
Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	1	70m
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	51	2295m
		Majlis	-	-
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				2365m

Site Plan – KMZ (Overview site area)

Proposed FDP and Closure



Proposed New Pole

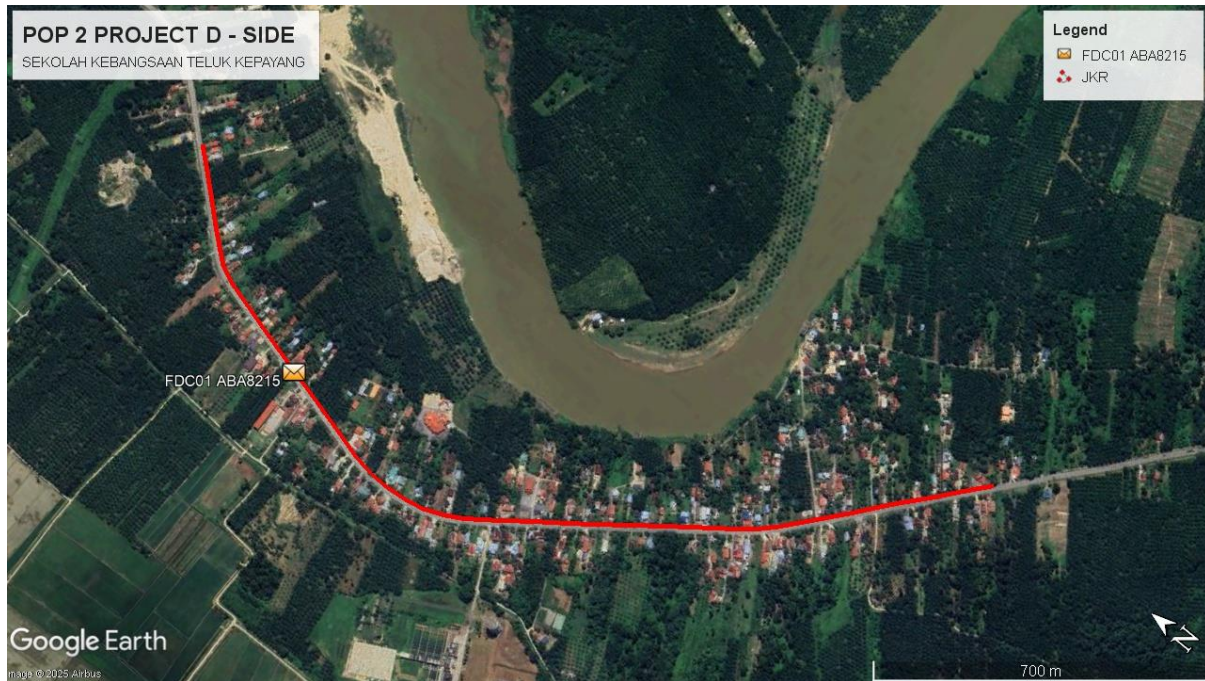




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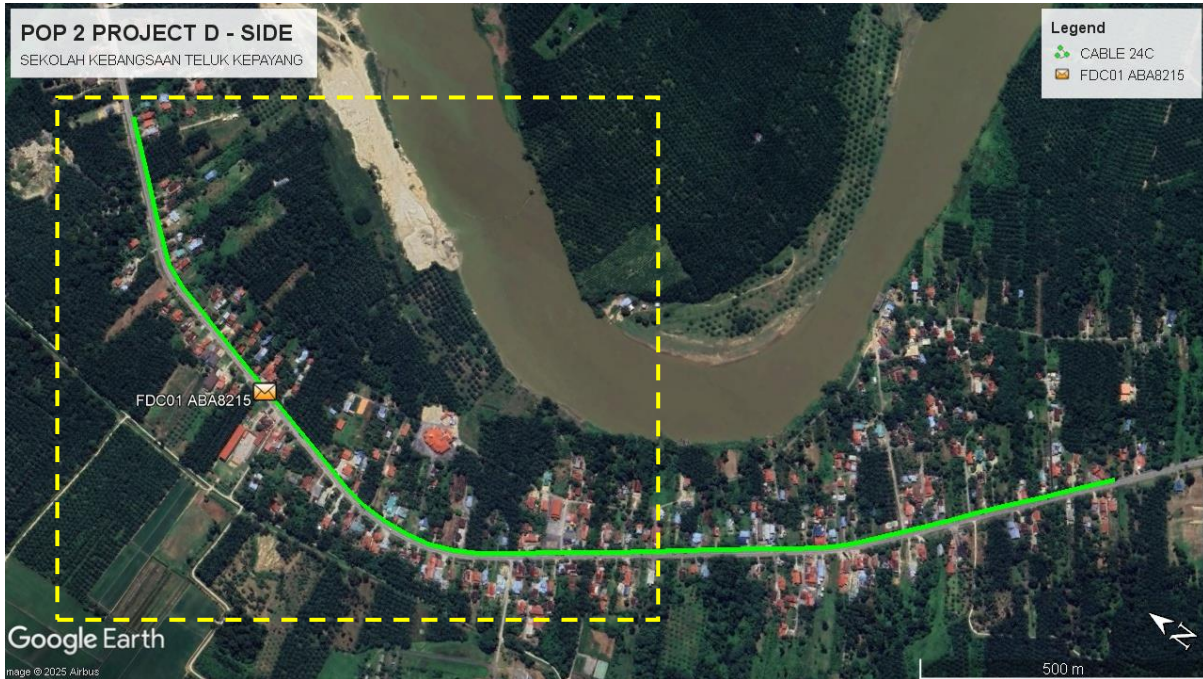


Site Plan – KMZ Routing (All Local Authority)

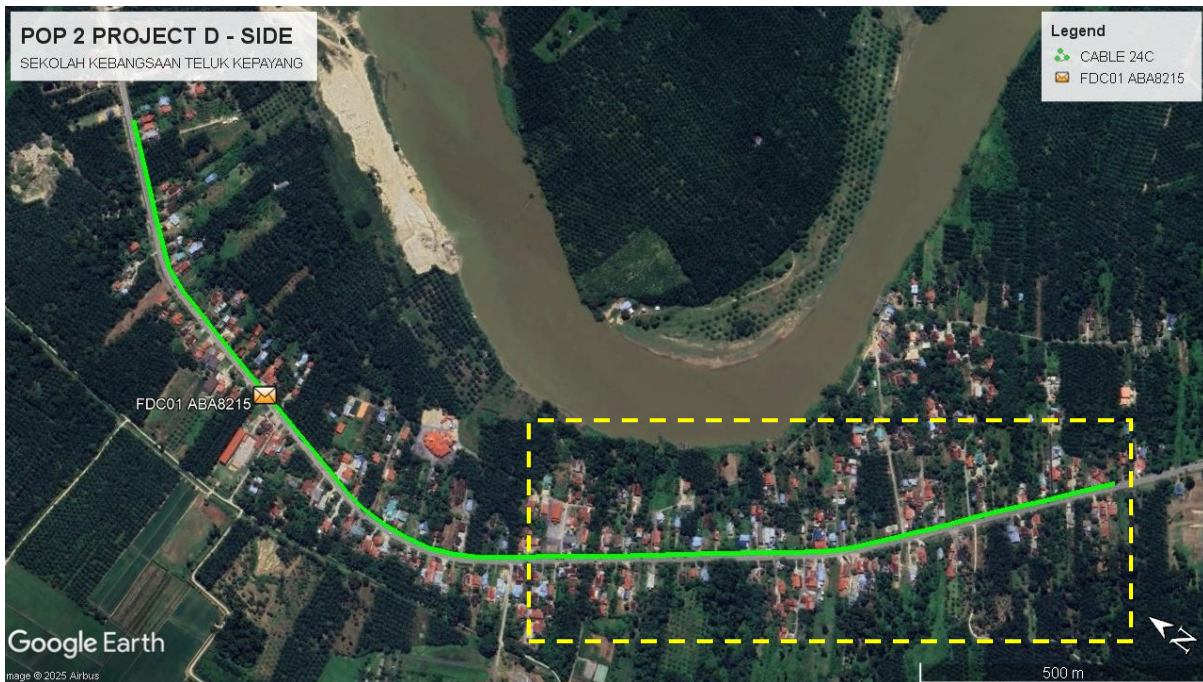


Red Colour – JKR Perak

Route 1



Route 2





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Site Plan – KMZ Routing (Prop New Manhole)



Figure 1: Location 1 (MH1- 4.320601, 100.880132) (MH2- 4.320031, 100.880104)



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Proposed New Pole Lat & Long Table

No.	Pole Number	Distance	Latitude	Longitude	Local Authority
1	FDC01 ABA8215	0	4.320633	100.880083	JKR Perak
2	T001	45	4.320593	100.880132	JKR Perak
3	T002	45	4.324972	100.882522	JKR Perak
4	T003	45	4.324656	100.882256	JKR Perak
5	T004	45	4.324345	100.881989	JKR Perak
6	T005	45	4.324032	100.881716	JKR Perak
7	T006	45	4.323726	100.881449	JKR Perak
8	T007	45	4.323407	100.881189	JKR Perak
9	T008	45	4.323158	100.880987	JKR Perak
10	T009	45	4.322774	100.880822	JKR Perak
11	T010	45	4.322378	100.880715	JKR Perak
12	T011	45	4.321982	100.880604	JKR Perak
13	T012	45	4.321589	100.880499	JKR Perak
14	T013	45	4.321226	100.880407	JKR Perak
15	T014	45	4.320811	100.880295	JKR Perak
16	T015	45	4.320369	100.880192	JKR Perak
17	T016 (9m)	45	4.320025	100.880105	JKR Perak
18	T017 (9m)	45	4.319624	100.880004	JKR Perak
19	T018	45	4.319223	100.879898	JKR Perak
20	T019	45	4.318842	100.879795	JKR Perak
21	T020 (9m)	45	4.318426	100.879733	JKR Perak
22	T021 (9m)	45	4.318042	100.879726	JKR Perak
23	T022 (9m)	45	4.317625	100.879768	JKR Perak
24	T023 (9m)	45	4.317259	100.879844	JKR Perak
25	T024	45	4.316866	100.880007	JKR Perak
26	T025	45	4.316550	100.880188	JKR Perak
27	T026	45	4.316215	100.880423	JKR Perak
28	T027	45	4.315896	100.880670	JKR Perak
29	T028 (9m)	45	4.315572	100.880915	JKR Perak
30	T029 (9m)	45	4.315249	100.881158	JKR Perak
31	T030 (9m)	45	4.314911	100.881403	JKR Perak
32	T031 (9m)	45	4.314582	100.881655	JKR Perak
33	T032 (9m)	45	4.314293	100.881878	JKR Perak
34	T033	45	4.313998	100.882107	JKR Perak
35	T034	45	4.313683	100.882352	JKR Perak
36	T035	45	4.313353	100.882604	JKR Perak
37	T036	45	4.313070	100.882819	JKR Perak
38	T037	45	4.312734	100.883072	JKR Perak
39	T038	45	4.312447	100.883291	JKR Perak



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40	T039	45	4.312130	100.883547	JKR Perak
41	T040	45	4.311866	100.883811	JKR Perak
42	T041	45	4.311602	100.884118	JKR Perak
43	T042 (9m)	45	4.311370	100.884392	JKR Perak
44	T043 (9m)	45	4.311139	100.884668	JKR Perak
45	T044	45	4.310892	100.884960	JKR Perak
46	T045 (9m)	45	4.310632	100.885291	JKR Perak
47	T046	45	4.310376	100.885603	JKR Perak
48	T047	45	4.310139	100.885875	JKR Perak
49	T048 (9m)	45	4.309899	100.886147	JKR Perak
50	T049 (9m)	45	4.309644	100.886458	JKR Perak
51	T050	45	4.309404	100.886743	JKR Perak
52	T051	45	4.309139	100.887052	JKR Perak

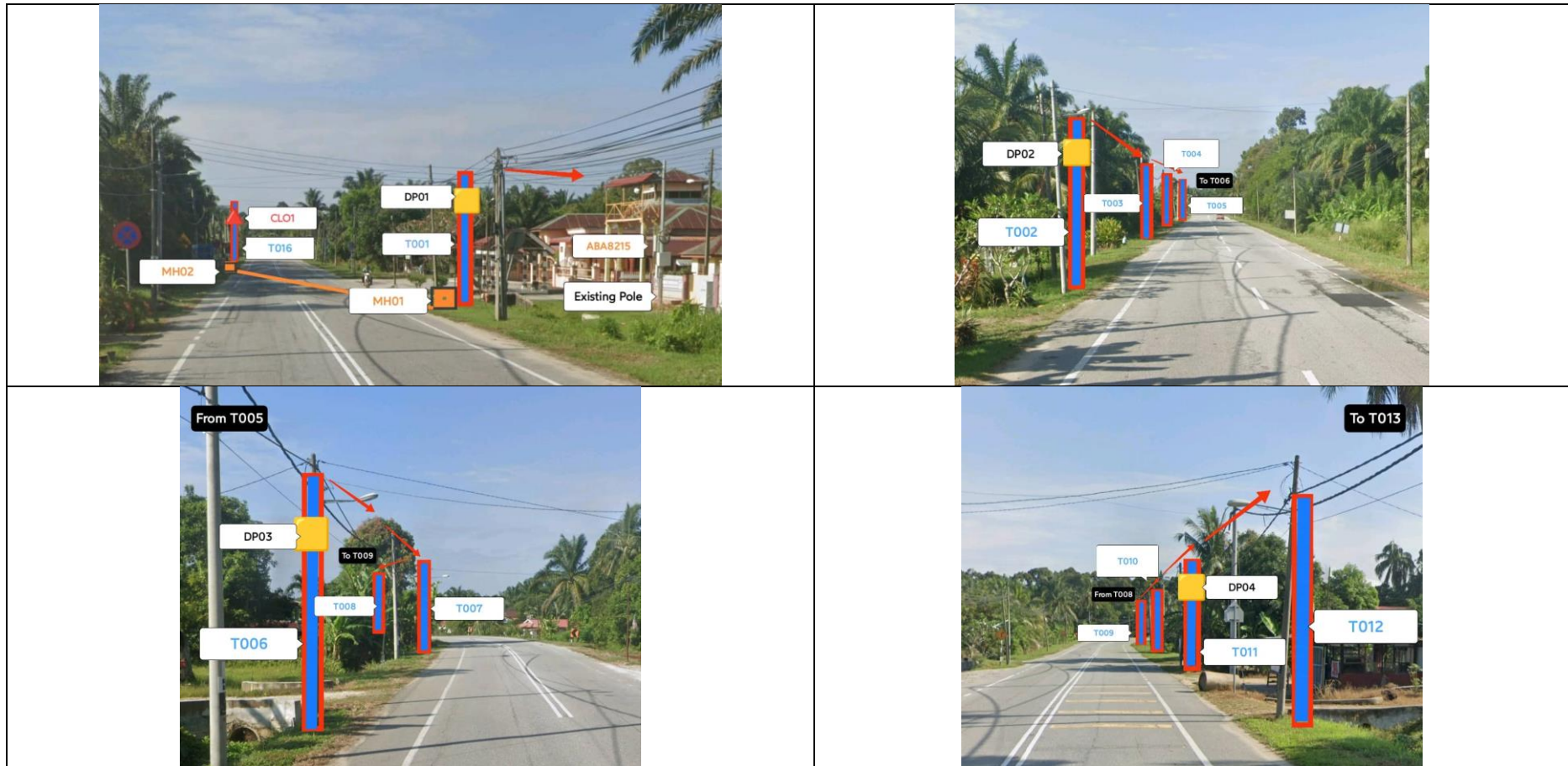
Bil	Type	7.5m	9m	Total
1	No Of Pole	35	16	51



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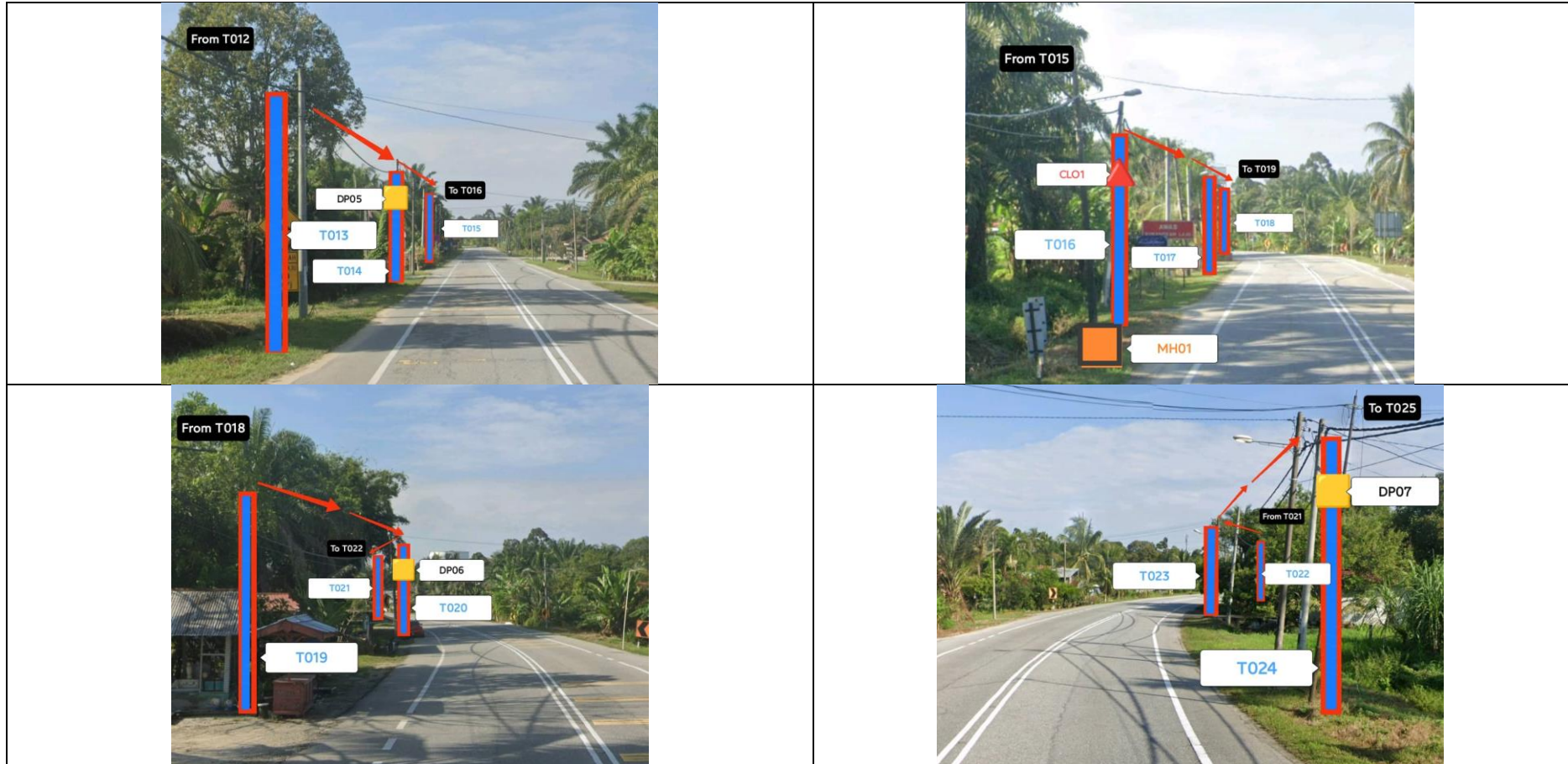


Site Photos – Proposed to install pole 7.5m



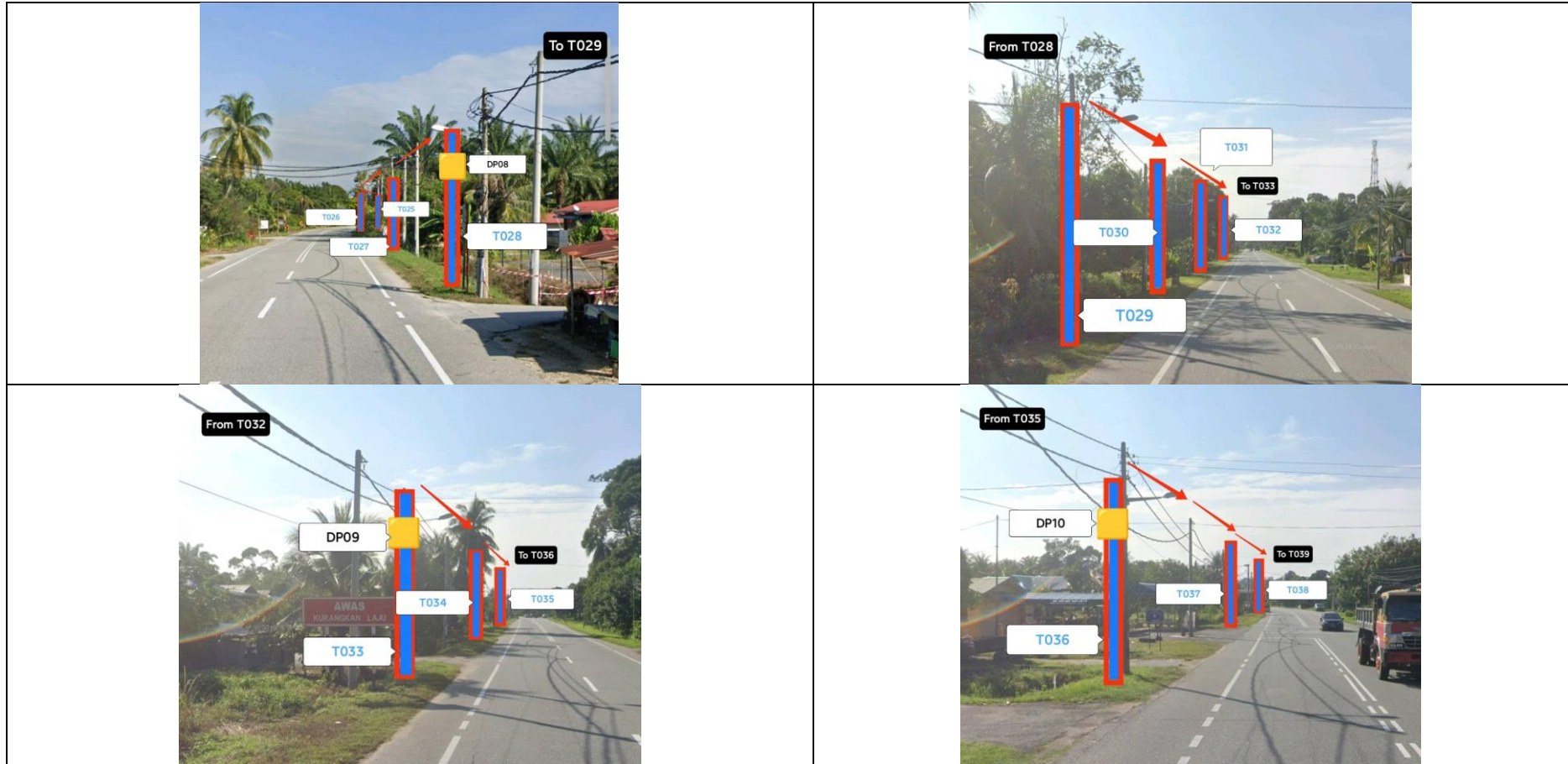


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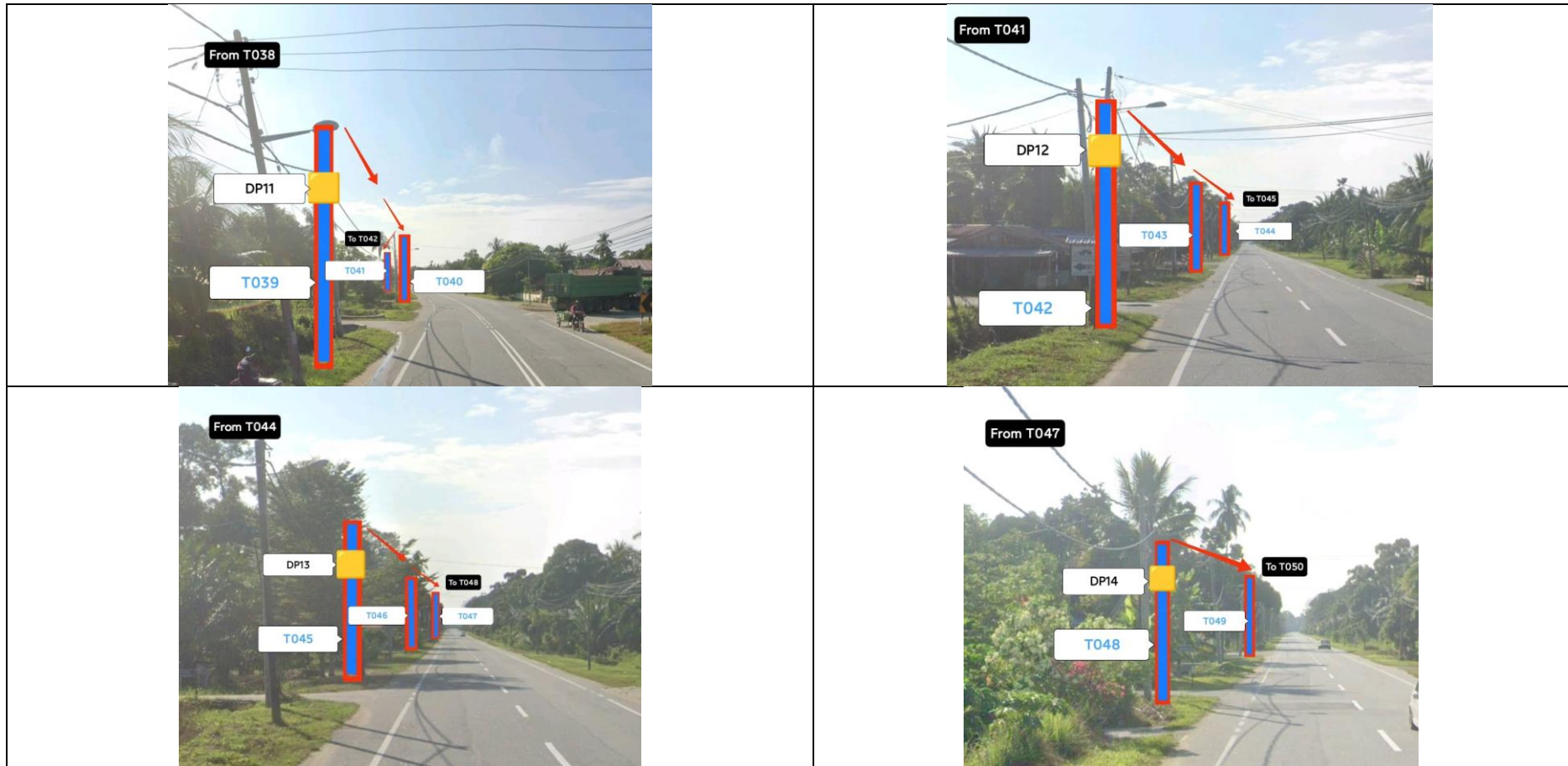


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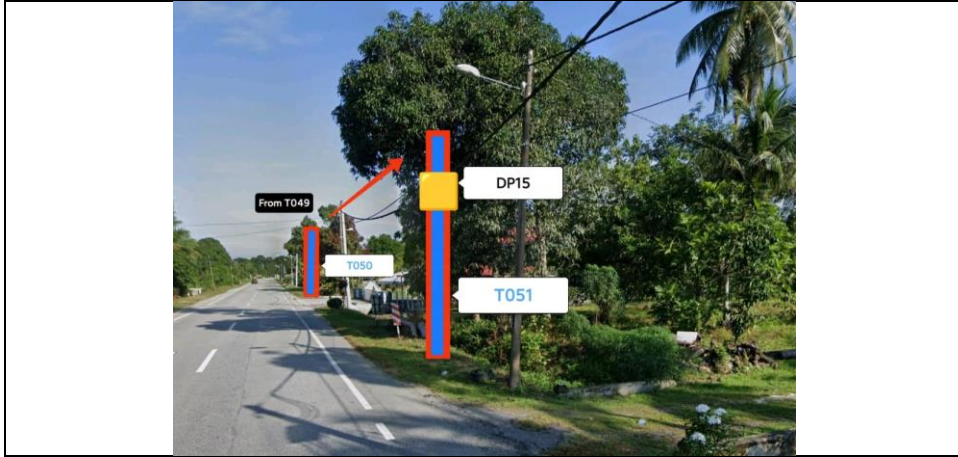




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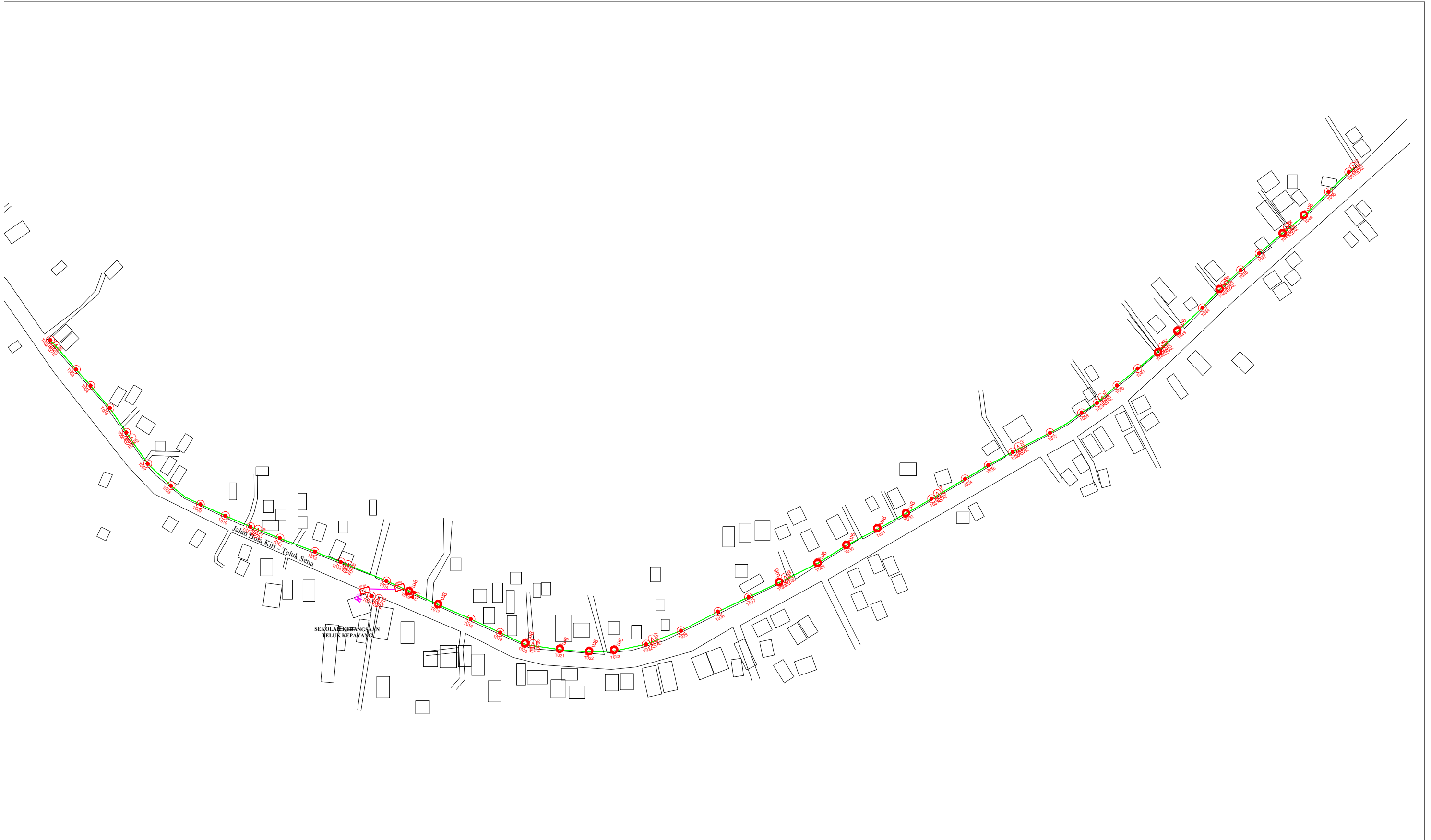
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3rd Parties Dependencies

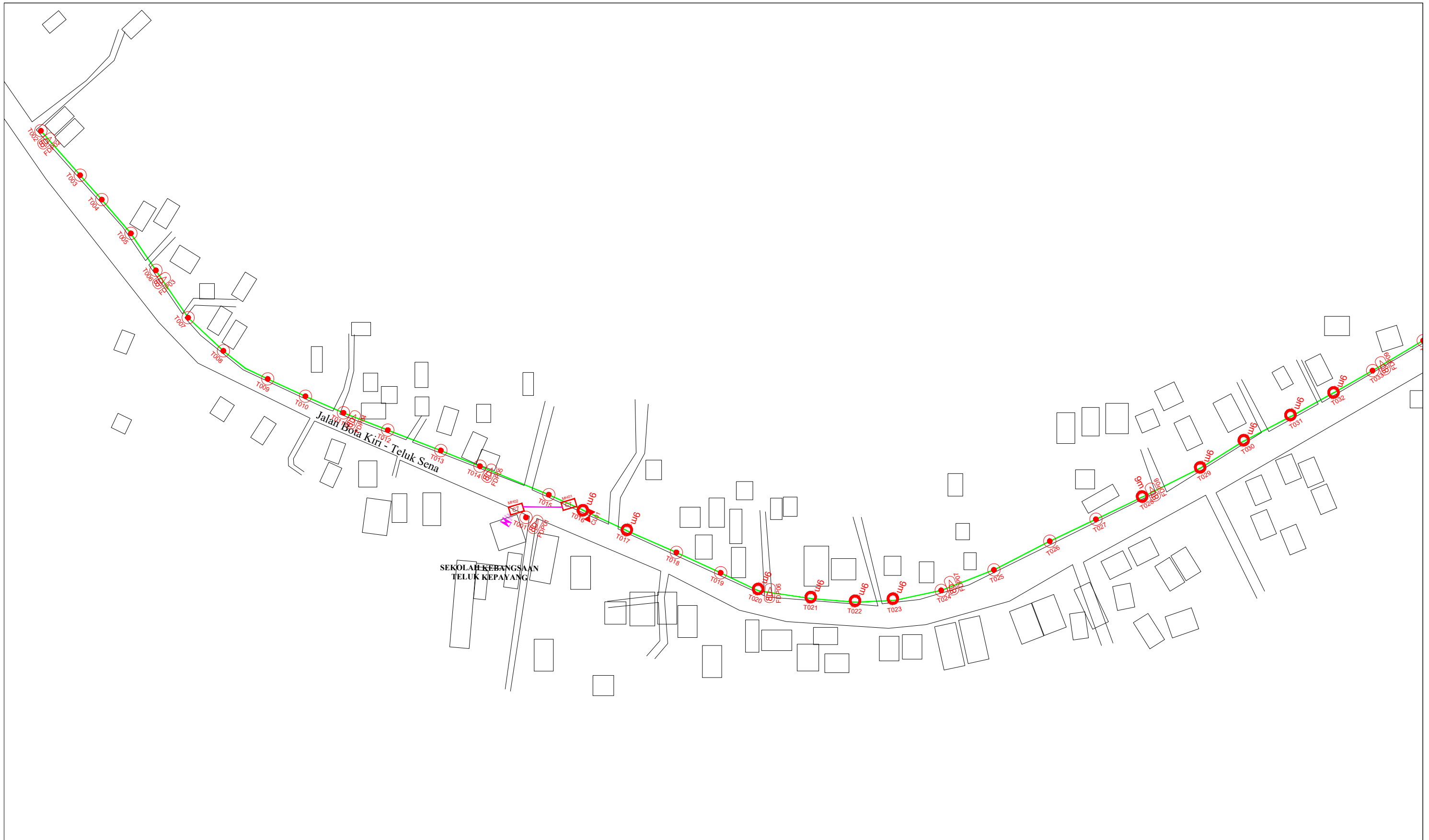
No.	Local Council/ Authority	Remark
1	JKR Perak	
2		
3		
4		
5		
6		



LEGEND	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.		
12C FOC		Installed 1:4 / 1:8 / 1:32 splitter	9m	Installed Pole (9m)	S	Suspension	UB30	New Manhole (PIT)	Micro-Trenching (Meter)	MH1	MH NO.
24C FOC	2797	Installed Patch Cord	7.5M	Installed Pole (7.5M)	T	Tension	C7	New Manhole(JRC7)	Temporary Infra (Meter)	TKS-1	Existing TNB Pole NO.
48C FOC		FDC	6.7M	Installed Pole (6.7M)	TR	Pole Ring		FDP Boundary	Loop / Coil (Meter)	P001	New Pole NO.
96C FOC		Closure		Existing TNB Pole	SP	FDP with (1:8) splitter	17	HDD (Meter)	Active Outdoor Cabinet	CL01	Closure NO.
144C FOC		Existing Closure		Installed Riser	SM	Existing Manhole		Open Cut (Meter)	FDC NO.	DP1	FDP NO.

ACTUAL HOMEPASS :

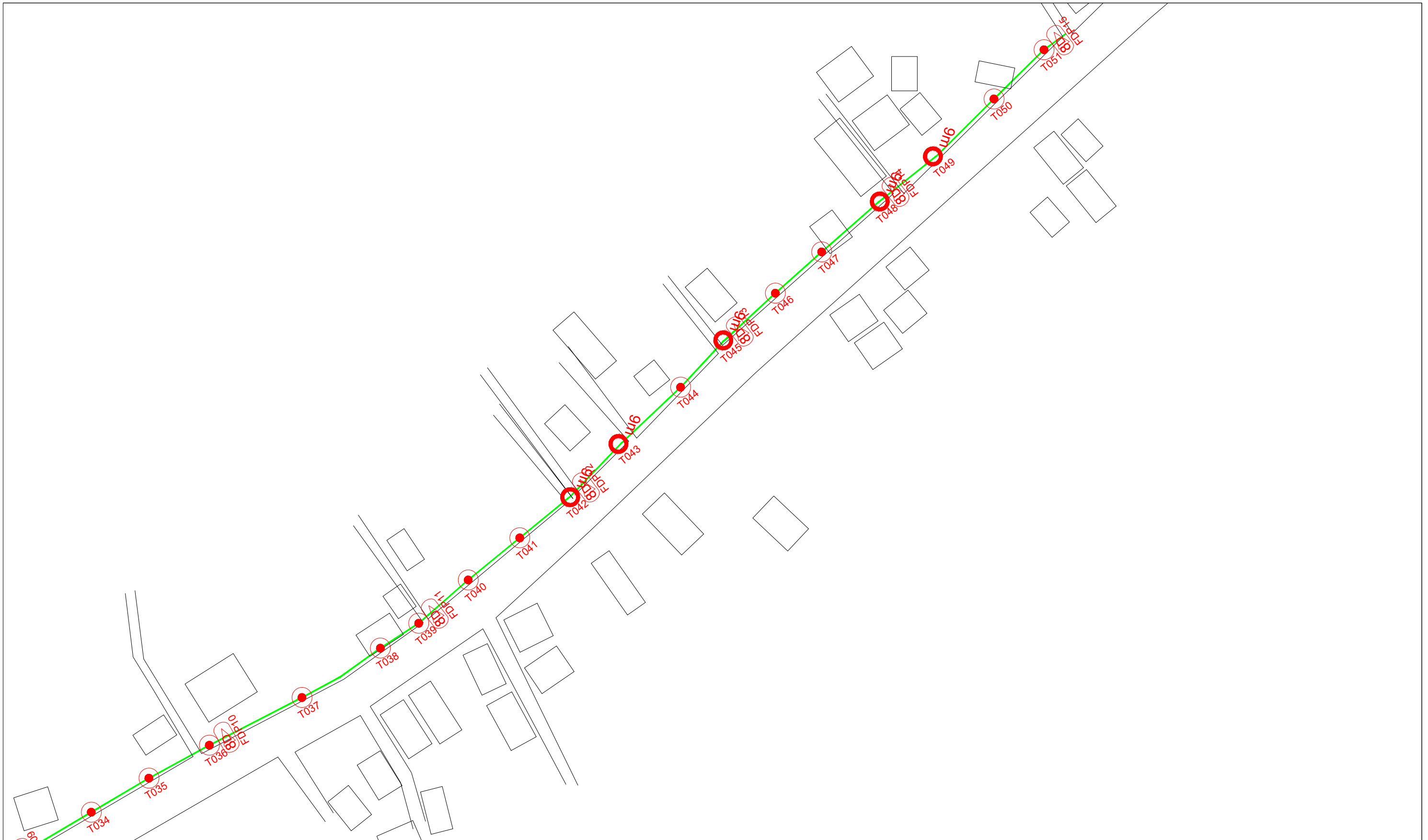
<p>KEY PLAN :</p> <p>POP2 PROJECT IN PERAK</p>	<p>OWNER/DEVELOPOR :</p>  <p>APEX COMMUNICATIONS SDN BHD 12th FLOOR, MENARA HAP SENG, 50250 JALAN P. RAMLEE KUALA LUMPUR</p>	<p>MAIN CONTRACTOR :</p>  <p>WCWL COMMUNICATIONS SDN BHD 127, JALAN PUI 3/3, TAMAN PUNCAK JALIL, BANDAR PUTRA PERMAI, 43300 SERI KEMBANGAN, SELANGOR TEL: +603 5888 5983 E-MAIL: info@wewlcommunications.com.my WEBSITE: https://wewl.com.my</p>	<p>PROJECT TITLE :</p> <p>CONTRACTOR FOR SURVEY, TECHNICAL PROPOSAL AND WAYLEAVE, & PERMIT APPROVAL - POP2 PROJECT</p>	<p>DRAWING TITLE:</p> <p>AS - BUILT DRAWING SITE PLAN DRAWING ABA8215 SEKOLAH KEBANGSAAN TELUK KEPAYANG</p>	<p>Design By : ENGINEER</p>	<p>Date : FEB 2025</p>
					<p>Drawn By : ENGINEER</p>	<p>Scale : NOT TO SCALE</p>
<p>PROJECT PHASE: POP 2</p>					<p>Checked By : ENGINEER</p>	<p>Job Number :</p>
<p>DRAWING NUMBER : ABA8215 - ABD - 01</p>					<p>THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF APEX COMMUNICATIONS SDN BHD</p>	<p>Sheet : 1/3</p>
					<p>Size : A3</p>	



LEGEND	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	
	12C FOC	Installed 1:4 / 1:8 / 1:32 splitter		Installed Pole (9m)		Suspension		New Manhole (PIT)		Micro-Trenching (Meter)
	24C FOC	Installed Patch Cord		Installed Pole (7.5M)		Tension		New Manhole(JRC7)		Temporary Infra (Meter)
	48C FOC	FDC		Installed Pole (6.7M)		Pole Ring		FDP Boundary		Loop / Coil (Meter)
	96C FOC	Closure		Existing TNB Pole		FDP with (1:8) splitter		HDD (Meter)		Active Outdoor Cabinet
	144C FOC	Existing Closure		Installed Riser		Existing Manhole		Open Cut (Meter)		FDC NO.
										MH NO.
										Existing TNB Pole NO.
										New Pole NO.
										Closure NO.
										FDP NO.

ACTUAL HOMEPASS :

<p>KEY PLAN :</p> <p>POP2 PROJECT IN PERAK</p>	<p>OWNER/DEVELOPOR :</p> <p>APEX COMMUNICATIONS SDN BHD 12th FLOOR, MENARA HAP SENG, 50250 JALAN P. RAMLEE KUALA LUMPUR</p>	<p>MAIN CONTRACTOR :</p> <p>WCWL COMMUNICATIONS SDN BHD 127, JALAN PUJ 3/3, TAMAN PUNCAK JALIL, BANDAR PUTRA PERMAI, 43500 SERI KEMBANGAN, SELANGOR TEL: +603 5888 5983 E-MAIL: info@wcwlcommunications.com.my WEBSITE: https://wcwl.com.my</p>	<p>PROJECT TITLE :</p> <p>CONTRACTOR FOR SURVEY, TECHNICAL PROPOSAL AND WAYLEAVE, & PERMIT APPROVAL - POP2 PROJECT</p>	<p>DRAWING TITLE:</p> <p>AS - BUILT DRAWING SITE PLAN DRAWING ABA8215 SEKOLAH KEBANGSAAN TELUK KEPAYANG</p>	<p>Design By : ENGINEER</p>	<p>Date : FEB 2025</p>
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				<p>PROJECT PHASE:</p> <p>POP 2</p>	<p>Checked By : ENGINEER</p>	<p>Job Number :</p>
					<p>DRAWING NUMBER : ABA8215 - ABD - 01A</p>	<p>Sheet : 2/3</p>
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LEGEND	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	
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	24C FOC	Installed Patch Cord		Installed Pole (7.5M)		Tension		New Manhole(JRC7)
	48C FOC	FDC		Installed Pole (6.7M)		Pole Ring		FDP Boundary
	96C FOC	Closure		Existing TNB Pole		FDP with (1:8) splitter		HDD (Meter)
	144C FOC	Existing Closure		Installed Riser		Existing Manhole		Open Cut (Meter)
								Micro-Trenching (Meter)
								Temporary Infra (Meter)
								Loop / Coil (Meter)
								Active Outdoor Cabinet
								FDC NO.
								MH NO.
								Existing TNB Pole NO.
								New Pole NO.
								Closure NO.
								FDP NO.

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<p>PROJECT PHASE: POP 2</p>					<p>Checked By : ENGINEER</p>	<p>Job Number :</p>
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