

TECHNICAL PROPOSAL

POP2 ABA7024 SEKOLAH KEBANGSAAN KERUNAI (D-SIDE)

Company Name : WabTech Sdn Bhd
Company Address : 101-1, Jalan Metro Sendayan, 71950, Seremban, Negeri Sembilan.
Prepared By : Mohd Farid bin Othman
Date : 17/01/2025



Starting Point

Site / Boundary Name : Sekolah Kebangsaan Kerunai
Address : Jalan Intan, Kampung Kerunai, 33310 Gerik, Perak.
District : Gerik
Postcode : 33310
State : Perak
GPS Coordinate : 5.515210, 101.126991
LRD : A

End Point

Site / Boundary Name : Jalan Baling - Kuala Kangsar, Kampung Kerunai, Gerik
Address : Kampung Kerunai, 33310 Gerik, Perak.
District : Gerik
Postcode : 33310
State : Perak
GPS Coordinate : 5.501350, 101.130770
LRD : B



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



WABTECH SDN BHD
(1398387-X)

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	0
Total			

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	4337m
2	Install New Pole	ea	97
3	Install New JRC7 Manhole	ea	0
4	Install GI Riser 100mm	ea	0
5	Install Fiber Distribution Point and Closure (Splicing, Termination and Testing)	ea	16
6	Estimated Time Required for Completion	days	30



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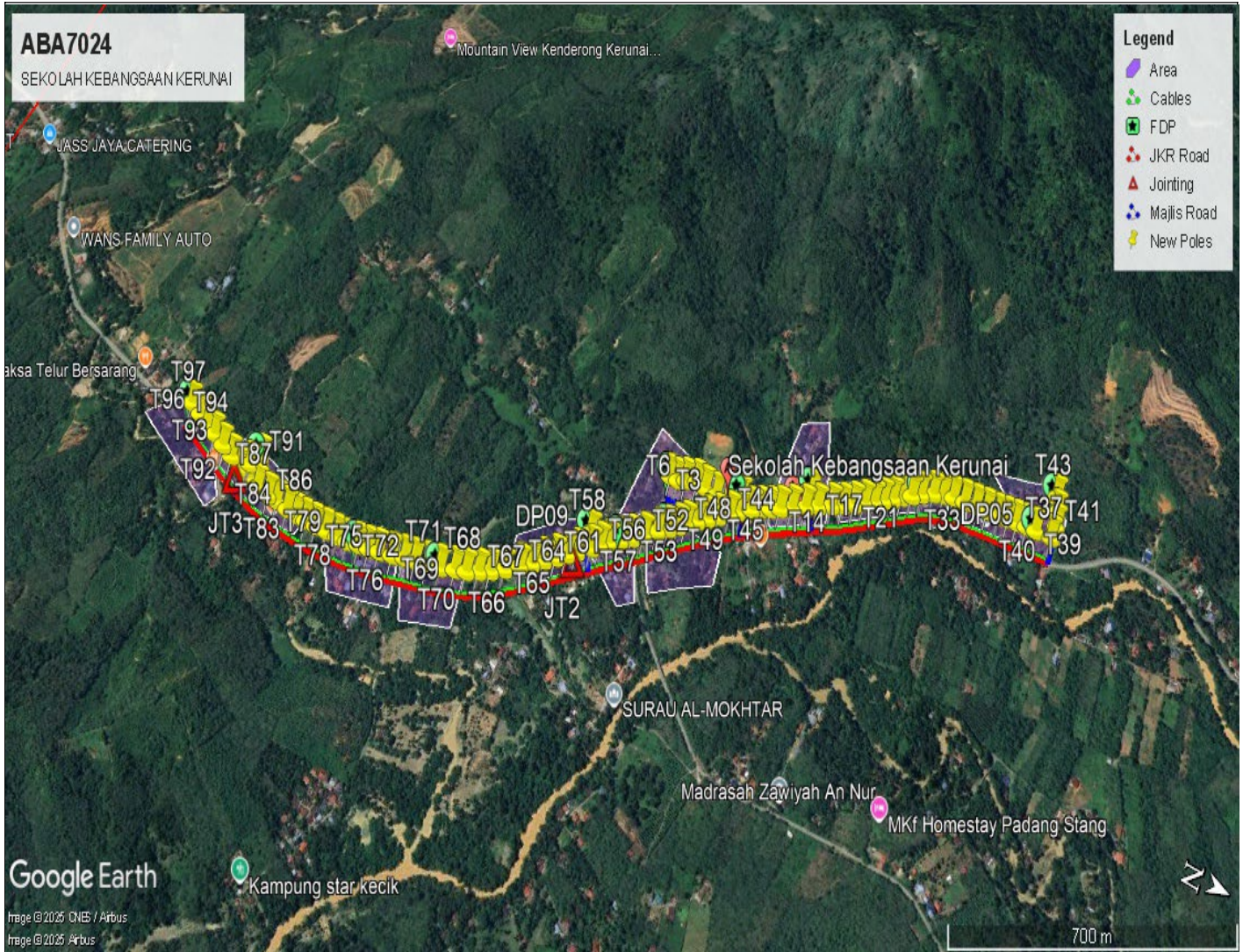
2.0 LOCAL AUTHORITY SUMMARY

Daerah Gerik

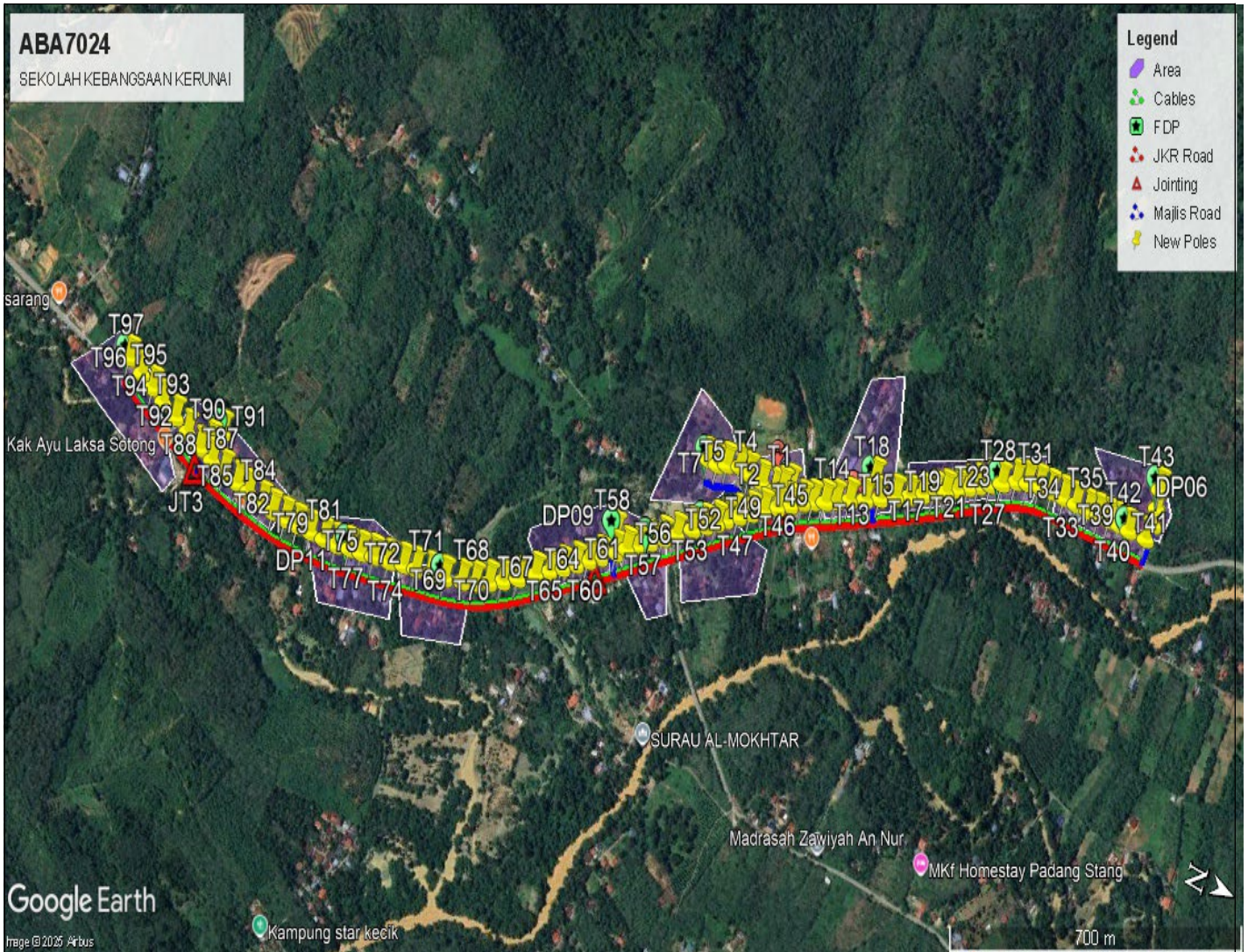
NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	-	-
		Majlis	-	-
		PDT	-	-
2	New Pole	JKR	81	2576
		Majlis	16	509
		PDT	-	-
Total Distance (m)				3085

3.0 SITE PLAN (KMZ)

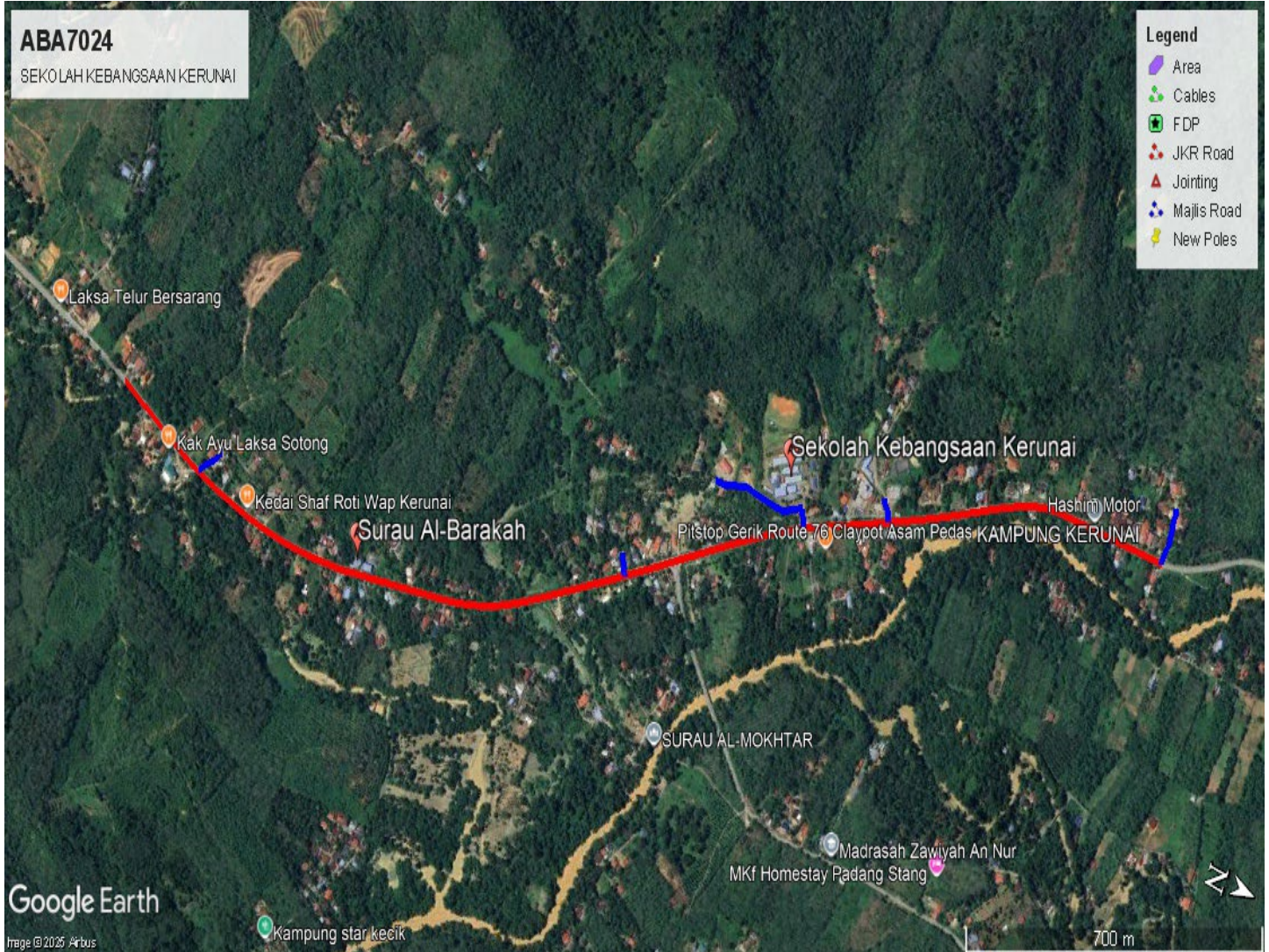
3.1 Overview Site Area



3.2 Site boundry



3.3 Road Boundry



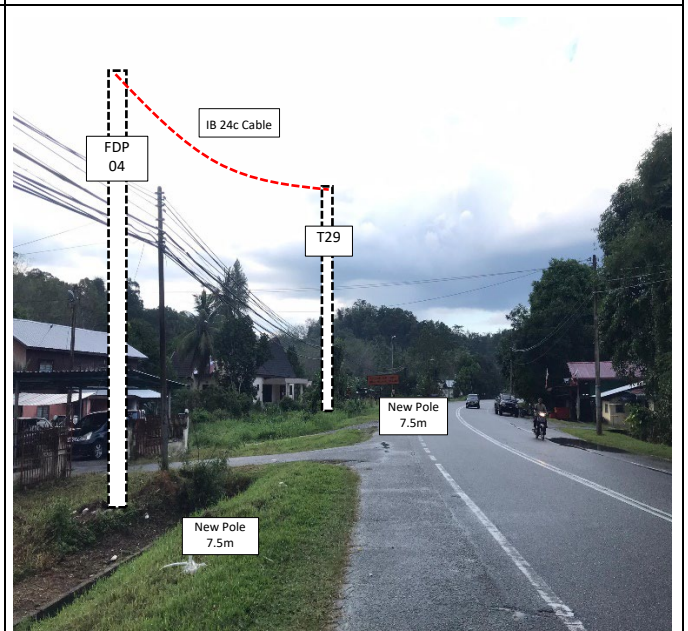
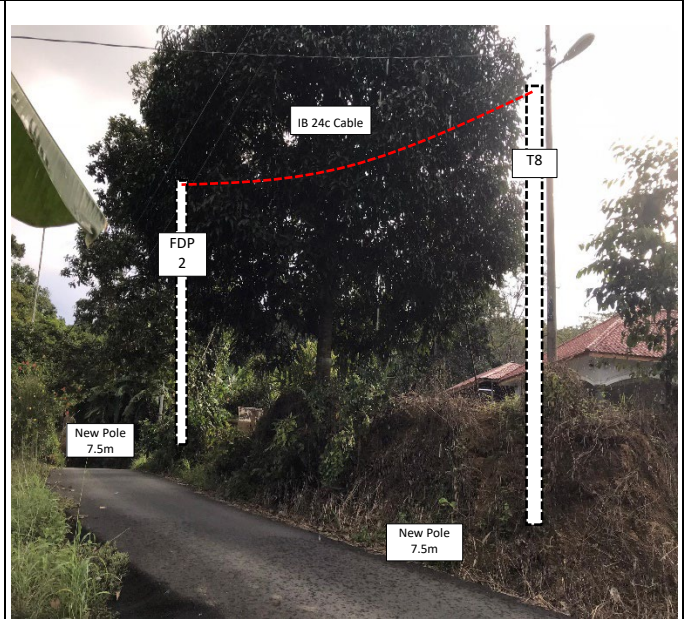
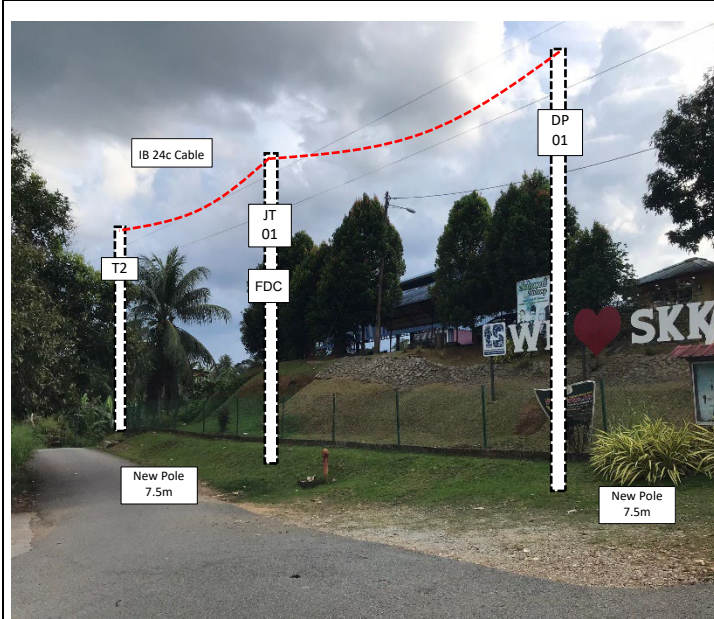
4.0 PROPOSED NEW POLE

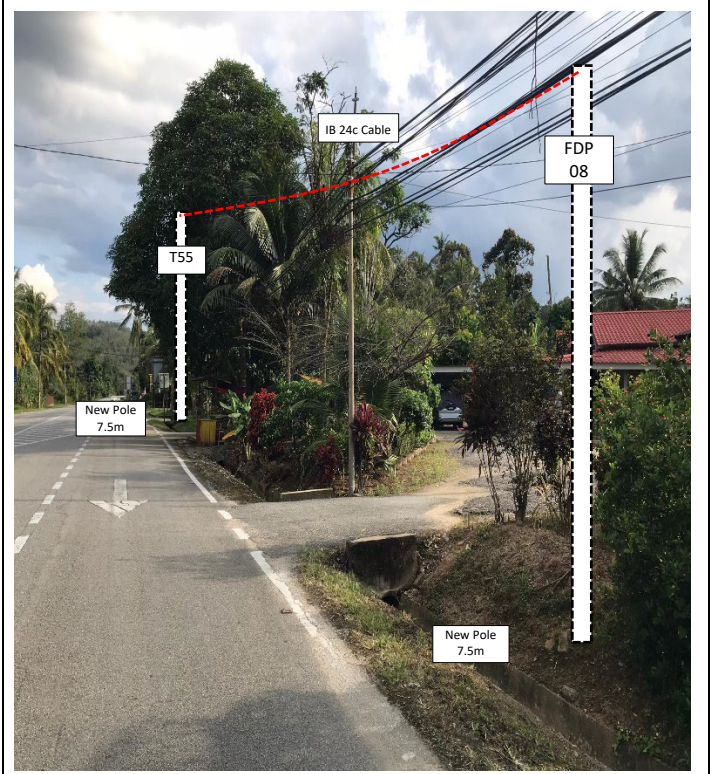
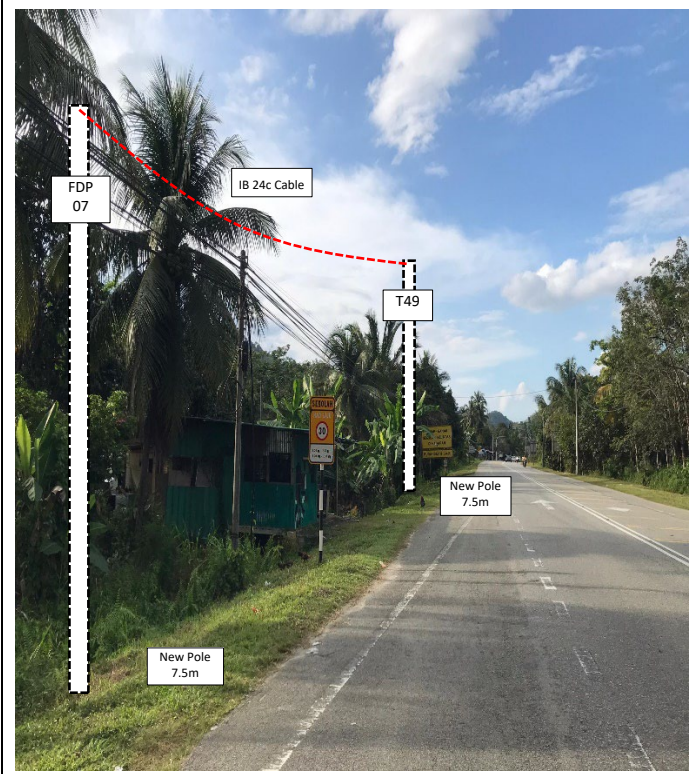
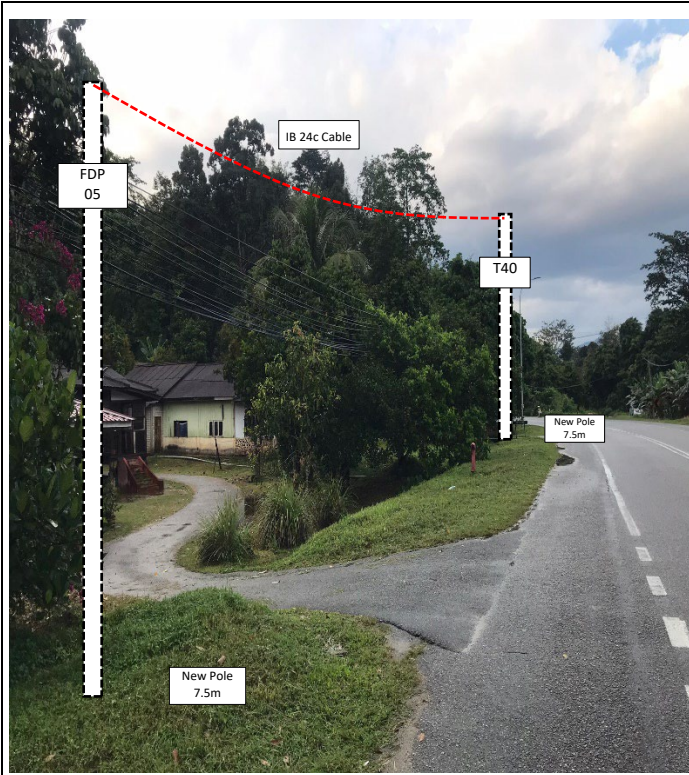
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	FDC POLE	10	5.515076	101.127093	Majlis Daerah Gerik
2	T001	19	5.515076	101.127093	Majlis Daerah Gerik
3	T002	33	5.514926	101.127175	Majlis Daerah Gerik
4	T003	34	5.514624	101.127181	Majlis Daerah Gerik
5	T004	26	5.514316	101.127164	Majlis Daerah Gerik
6	T005	31	5.514079	101.127136	Majlis Daerah Gerik
7	T006	23	5.513811	101.127221	Majlis Daerah Gerik
8	T007	22	5.513621	101.127303	Majlis Daerah Gerik
9	T008	19	5.513421	101.127304	Majlis Daerah Gerik
10	T009	37	5.515210	101.126991	Majlis Daerah Gerik
11	T010	33	5.515316	101.127273	JKR
12	T011	26	5.515544	101.127125	JKR
13	T012	30	5.515748	101.127027	JKR
14	T013	26	5.515987	101.126927	JKR
15	T014	33	5.516196	101.126827	JKR
16	T015	37	5.516460	101.126688	JKR
17	T016	35	5.516765	101.126545	JKR
18	T017	35	5.517047	101.126403	JKR
19	T018	39	5.516835	101.126167	Majlis Daerah Gerik
20	T019	33	5.517359	101.126238	JKR
21	T020	30	5.517627	101.126116	JKR
22	T021	29	5.517867	101.125984	JKR
23	T022	27	5.518095	101.125848	JKR
24	T023	26	5.518316	101.125739	JKR
25	T024	27	5.518522	101.125617	JKR
26	T025	25	5.518729	101.125482	JKR
27	T026	29	5.518925	101.125371	JKR
28	T027	26	5.519152	101.125249	JKR
29	T028	36	5.519358	101.125137	JKR
30	T029	28	5.519639	101.124986	JKR
31	T030	28	5.519882	101.124910	JKR
32	T031	31	5.520131	101.124850	JKR
33	T032	32	5.520412	101.124822	JKR
34	T033	30	5.520697	101.124809	JKR
35	T034	32	5.520966	101.124799	JKR
36	T035	25	5.521254	101.124795	JKR
37	T036	25	5.521483	101.124770	JKR
38	T037	26	5.521711	101.124754	JKR
39	T038	26	5.521943	101.124737	JKR

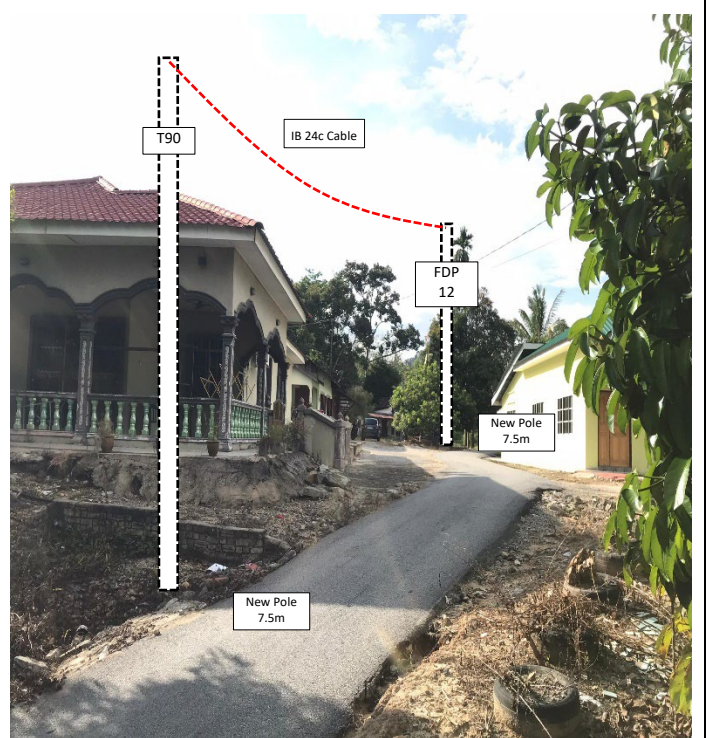
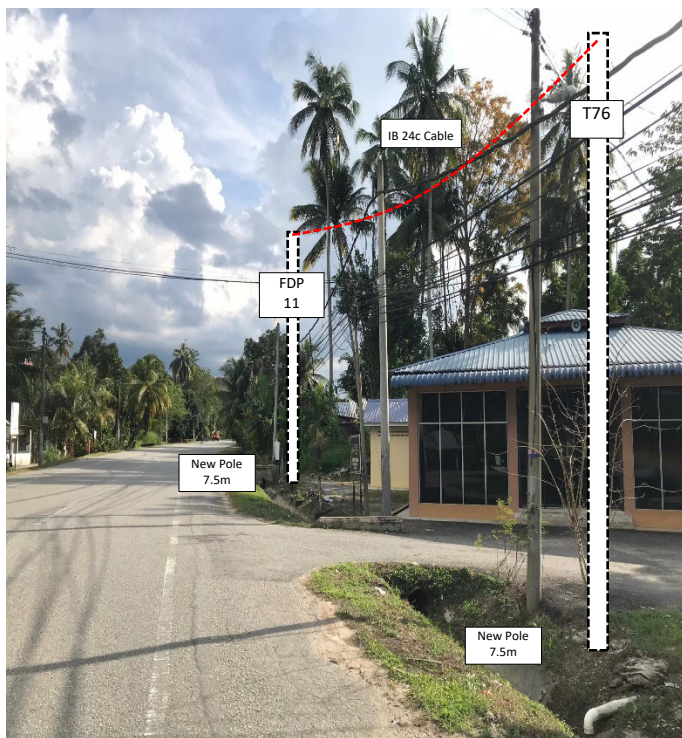
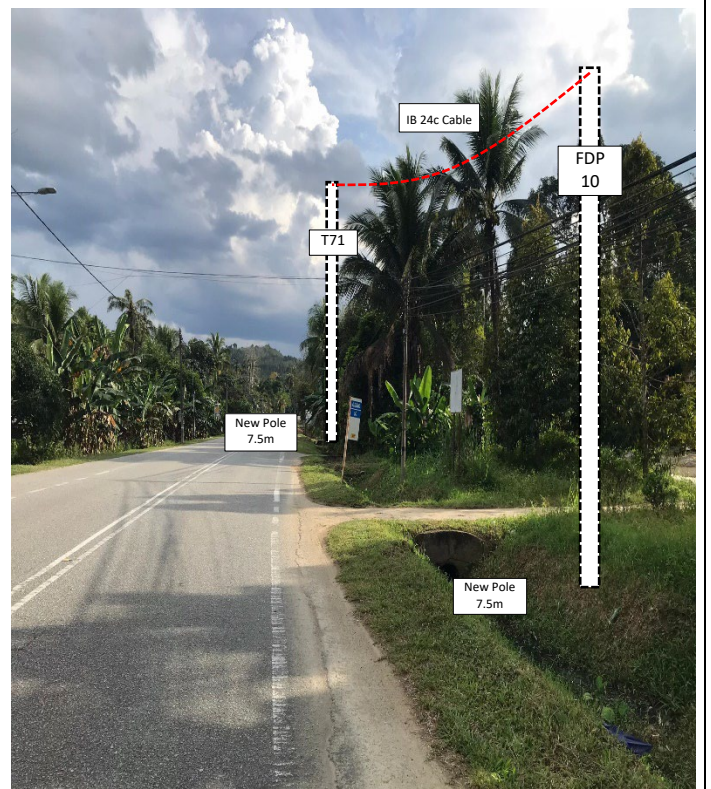
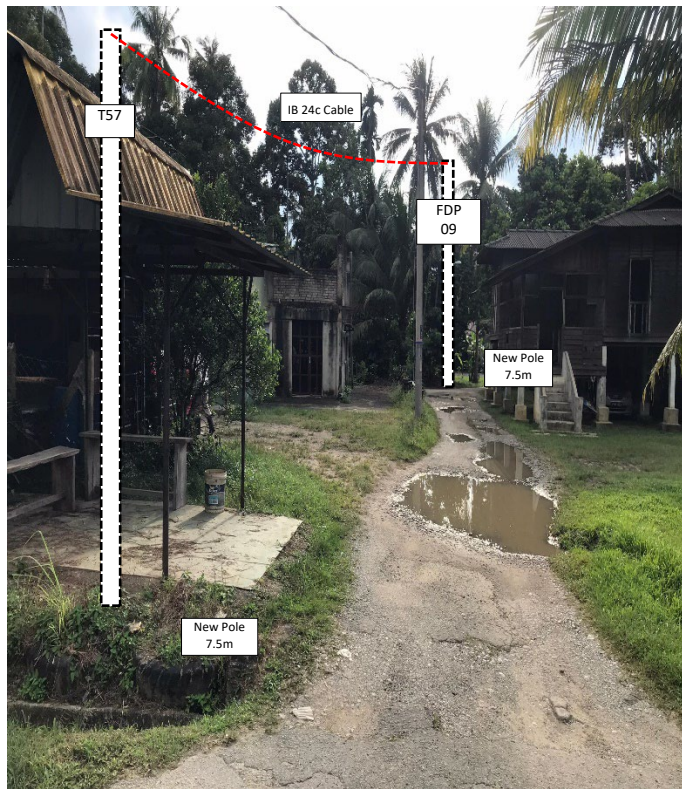
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
40	T039	43	5.522176	101.124737	JKR
41	T040	31	5.522563	101.124711	JKR
42	T041	30	5.522620	101.124442	Majlis Daerah Gerik
43	T042	33	5.522568	101.124175	Majlis Daerah Gerik
44	T043	31	5.522492	101.123886	Majlis Daerah Gerik
45	T044	32	5.515073	101.127418	JKR
46	T045	31	5.514831	101.127580	JKR
47	T046	30	5.514595	101.127728	JKR
48	T047	31	5.514371	101.127876	JKR
49	T048	22	5.514140	101.128041	JKR
50	T049	28	5.513980	101.128166	JKR
51	T050	32	5.513772	101.128307	JKR
52	T051	39	5.513539	101.128467	JKR
53	T052	33	5.513263	101.128680	JKR
54	T053	33	5.513015	101.128847	JKR
55	T054	33	5.512775	101.129022	JKR
56	T055	24	5.512528	101.129191	JKR
57	T056	25	5.512356	101.129317	JKR
58	T057	35	5.512184	101.129458	JKR
59	T058	41	5.512044	101.129173	Majlis Daerah Gerik
60	T059	28	5.511886	101.129673	JKR
61	T060	31	5.511677	101.129817	JKR
62	T061	34	5.511451	101.129980	JKR
63	T062	32	5.511201	101.130151	JKR
64	T063	33	5.510965	101.130316	JKR
65	T064	43	5.510714	101.130477	JKR
66	T065	38	5.510393	101.130689	JKR
67	T066	32	5.510102	101.130860	JKR
68	T067	33	5.509846	101.130991	JKR
69	T068	31	5.509574	101.131120	JKR
70	T069	41	5.509308	101.131205	JKR
71	T070	36	5.508948	101.131304	JKR
72	T071	35	5.508627	101.131368	JKR
73	T072	31	5.508314	101.131423	JKR
74	T073	35	5.508044	101.131472	JKR
75	T074	38	5.507731	101.131544	JKR
76	T075	30	5.507396	101.131604	JKR
77	T076	29	5.507134	101.131658	JKR
78	T077	33	5.506871	101.131696	JKR
79	T078	30	5.506585	101.131754	JKR
80	T079	34	5.506313	101.131768	JKR
81	T080	32	5.506003	101.131780	JKR
82	T081	31	5.505710	101.131797	JKR

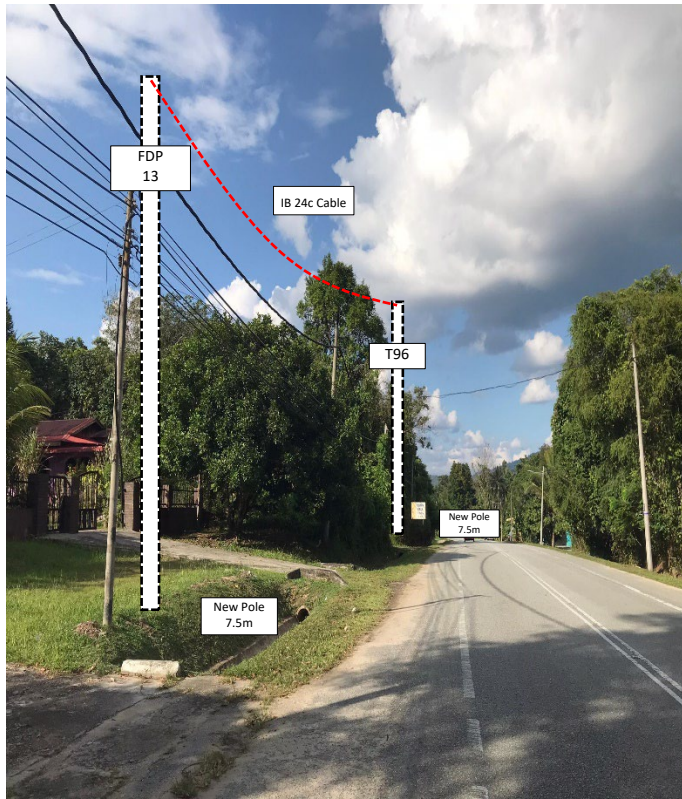
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
83	T082	32	5.505434	101.131808	JKR
84	T083	31	5.505141	101.131800	JKR
85	T084	39	5.504869	101.131771	JKR
86	T085	31	5.504524	101.131719	JKR
87	T086	38	5.504247	101.131696	JKR
88	T087	35	5.503911	101.131639	JKR
89	T088	36	5.503602	101.131574	JKR
90	T089	29	5.503287	101.131504	JKR
91	T090	34	5.503473	101.131317	Majlis Daerah Gerik
92	T091	30	5.503651	101.131069	Majlis Daerah Gerik
93	T092	38	5.502954	101.131362	JKR
94	T093	40	5.502627	101.131252	JKR
95	T094	35	5.502294	101.131128	JKR
96	T095	36	5.501993	101.131015	JKR
97	T096	40	5.501691	101.130896	JKR
98	T097	40	5.501350	101.130771	JKR

5.0 SITE PHOTOS - PROPOSED NEW POLE











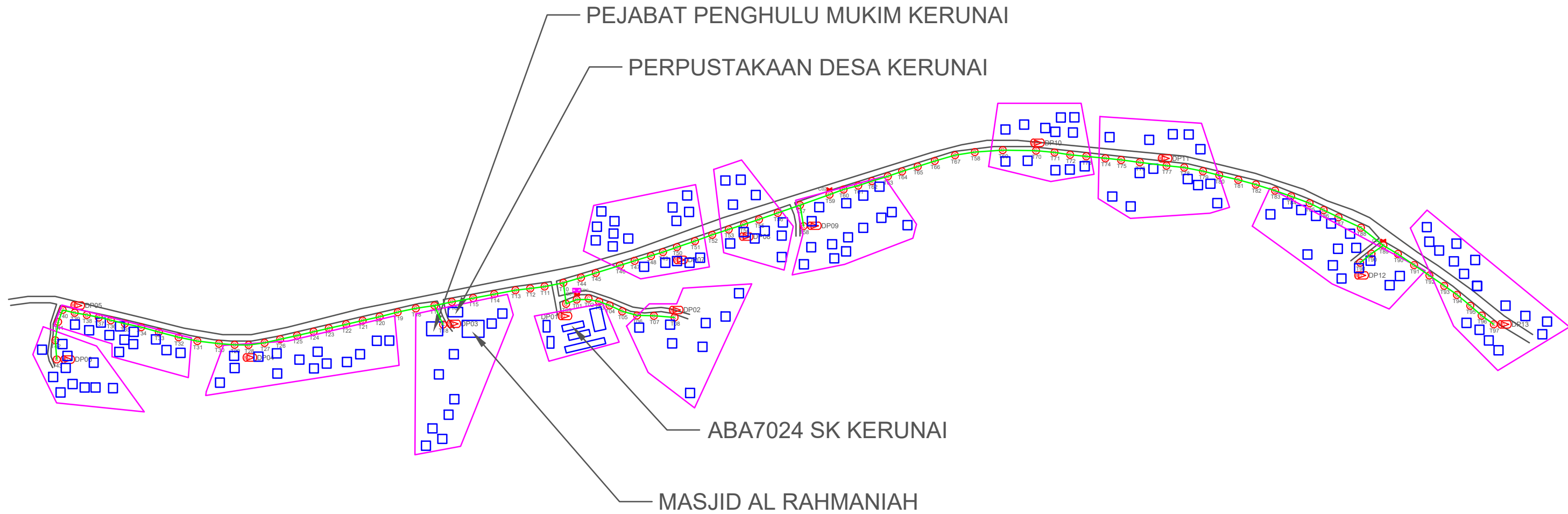
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6.0 3rd PARTIES DEPENDENCIES

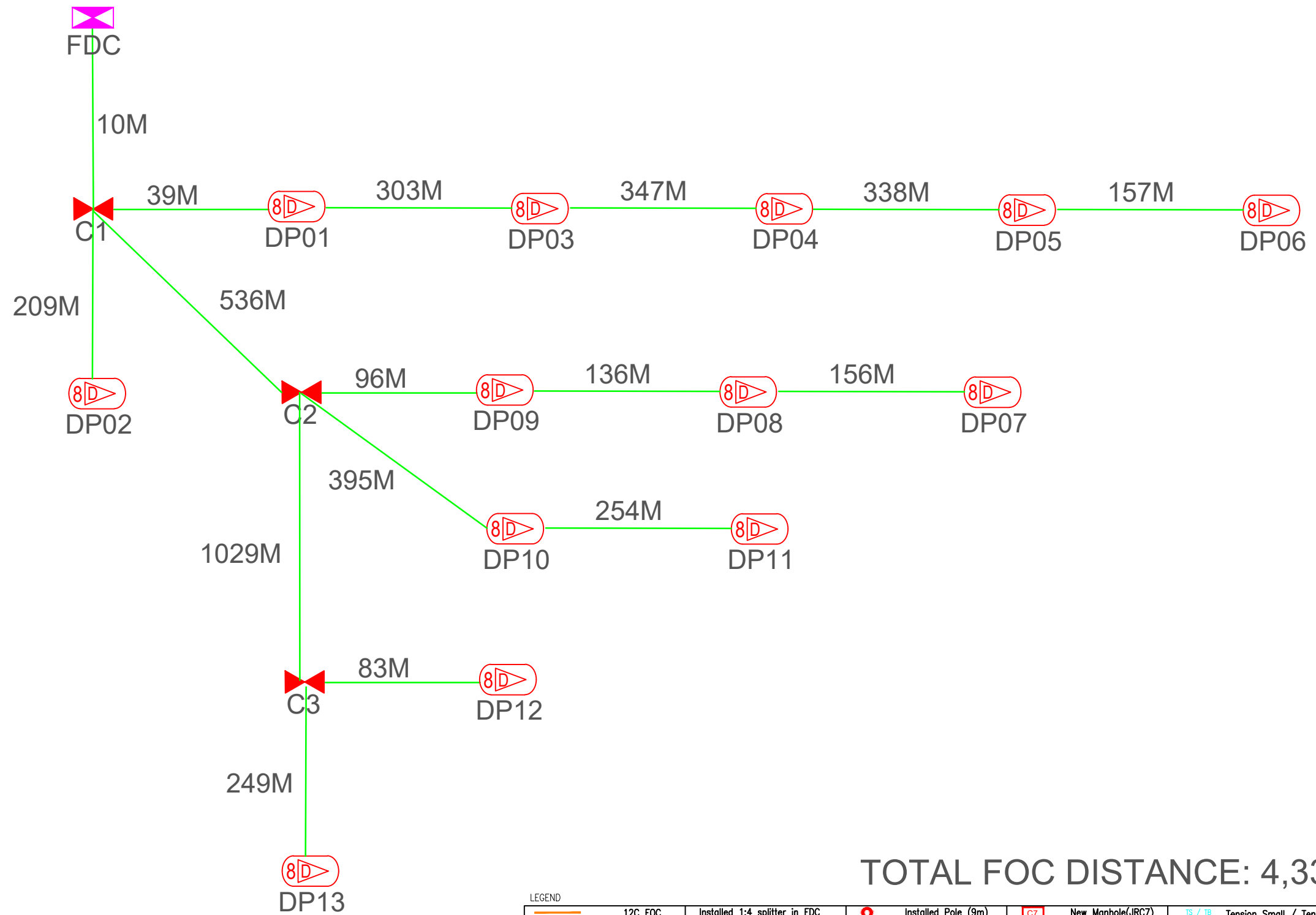
NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Gerik	2576m
2	JKR Daerah Gerik	509m



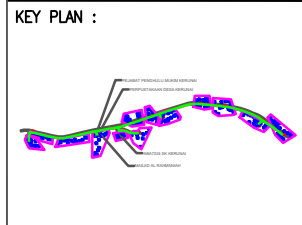
TOTAL HOME PASSES: 104 UNITS

LEGEND											
	12C FOC		Installed 1:4 splitter in FDC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big		MH NO.
	24C FOC		FDP with (1:8) splitter		Installed Riser		House Number		Existing Manhole		Existing TNB Pole NO.
	48C FOC		Closure		Suspension Big		Existing TNB Pole		Closure NO.		New Pole NO.
	96C FOC		New Manhole (PT)		Suspension Small		LOOP		FDP NO.		SEE A-A in this page
	144C FOC		Installed Pole (7.5M)		FDC		FDP Boundary		FDC NO.		SEE SHEET XXXX

KEY PLAN : 	PROJECT OWNER : KEMENTERIAN KOMUNIKASI	MAIN CONTRACTOR : PRIVASAT	SUB-CONTRACTOR : WABTECH SDN BHD	PROJECT TITLE: CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION, AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 PROJECT D-SIDE - ABA7024 - SK KERUNAI	DRAWING TITLE: ABA7024 SK KERUNAI	Design By ENGINEER	Date DATE
						Drawn By CAD ENGINEER	Scale NTS
PROJECT PHASE: PROJECT PHASE						Checked By ENGINEER	Job Number JOB/NUMBER
DRAWING NUMBER : DRAWING/NUMBER						Sheet : 1/1 Size : A3	
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LEGEND											
	12C FOC		Installed 1:4 splitter in FDC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big		MH NO.
	24C FOC		FDP with (1:8) splitter		Installed Riser		House Number		Existing Manhole		Existing TNB Pole NO.
	48C FOC		Closure		Suspension Big		Existing TNB Pole		Closure NO.		New Pole NO.
	96C FOC		New Manhole (PT)		Suspension Small		LOOP		FDP NO.		(A)
	144C FOC		Installed Pole (7.5M)		FDC		FDP Boundary		FDC NO.		(A)



PROJECT OWNER :

MAIN CONTRACTOR

SUB-CONTRACTOR :

PROJECT TITLE:
 CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION, AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 PROJECT D-SIDE - ABA7024 - SK KERUNAI

DRAWING TITLE:
ABA7024 SK KERUNAI

PROJECT PHASE:
PROJECT PHASE

Design By	ENGINEER	Date	DATE
Drawn By	CAD ENGINEER	Scale	NTS
Checked By	ENGINEER	Job Number	JOB/NUMBER
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