

TECHNICAL PROPOSAL

POP2 ABA7018 SEKOLAH KEBANGSAAN RABAN (D-SIDE)

Company Name : WabTech Sdn Bhd
Company Address : 101-1, Jalan Metro Sendayan, 71950 Seremban, Negeri Sembilan.
Prepared By : Sharifful Bahrin bin Che Meh
Date : 6/12/2024



Starting Point

Site / Boundary Name : Sekolah Kebangsaan Raban
 Address : Kampung Belukar Kunyit, 33030 Lenggong, Perak.
 District : Lenggong
 Postcode : 33030
 State : Perak
 GPS Coordinate : 4.99344, 100.935091
 LRD : A

End Point

Site / Boundary Name : Kampung Lata Papan, Kuak
 Address : Jalan Kampung Ngor
 District : Lenggong
 Postcode : 33030
 State : Perak
 GPS Coordinate : 4.993723, 100.928067
 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)

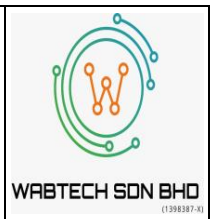
1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	37
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	2
4	Micro Trenching (MT)	m	0
Total			

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	2428
2	Install New Pole	ea	57
3	Install New JRC7 Manhole	ea	2
4	Install GI Riser 100mm	ea	2
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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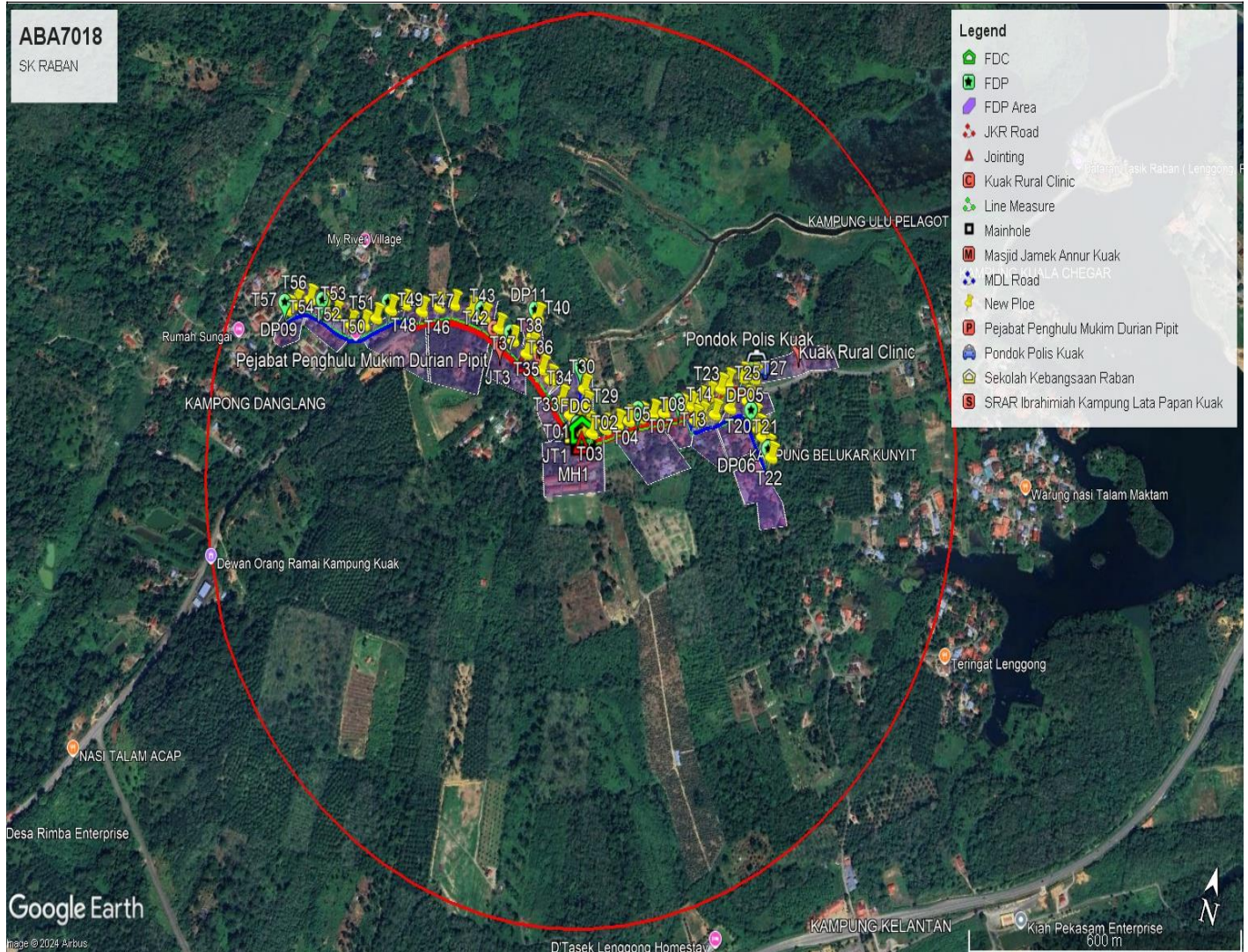
2.0 LOCAL AUTHORITY SUMMARY

Daerah Lenggong

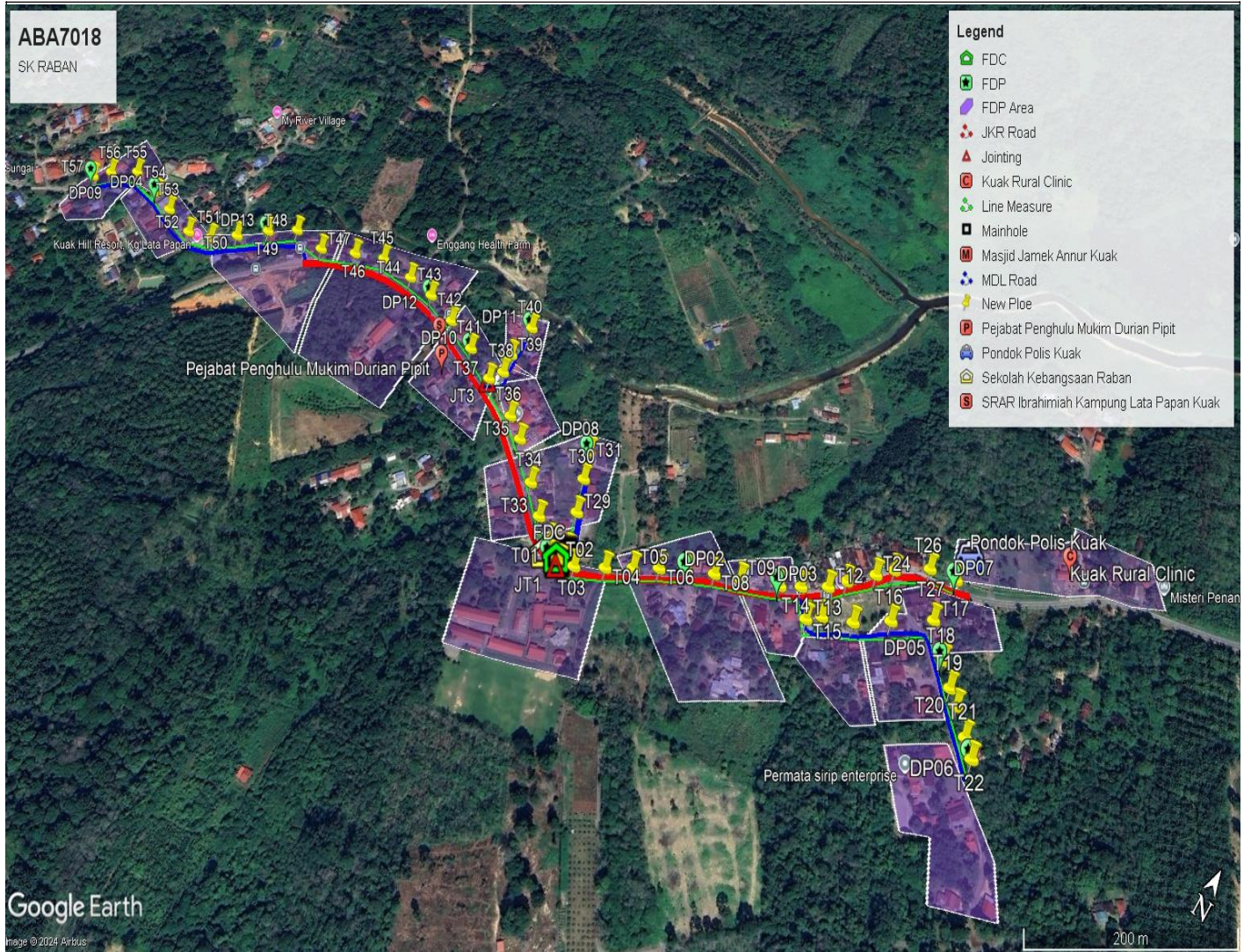
NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	1	37
		Majlis	-	-
		PDT	-	-
2	New Pole	JKR	32	982
		Majlis	25	852
		PDT	-	-
Total Distance (m)				1871

3.0 SITE PLAN (KMZ)

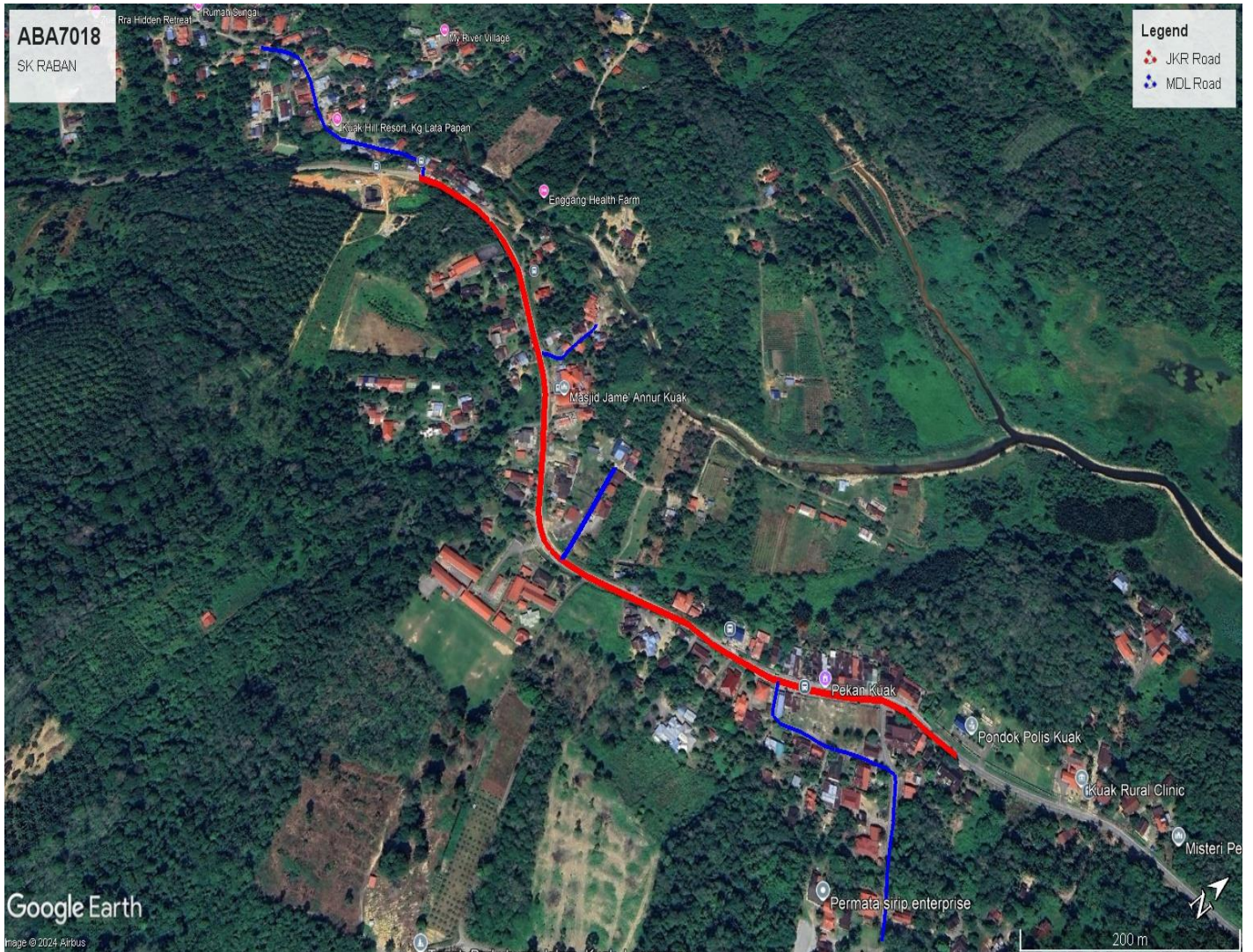
3.1 Overview Site Area



3.2 Site Boundary



3.3 Site Boundary

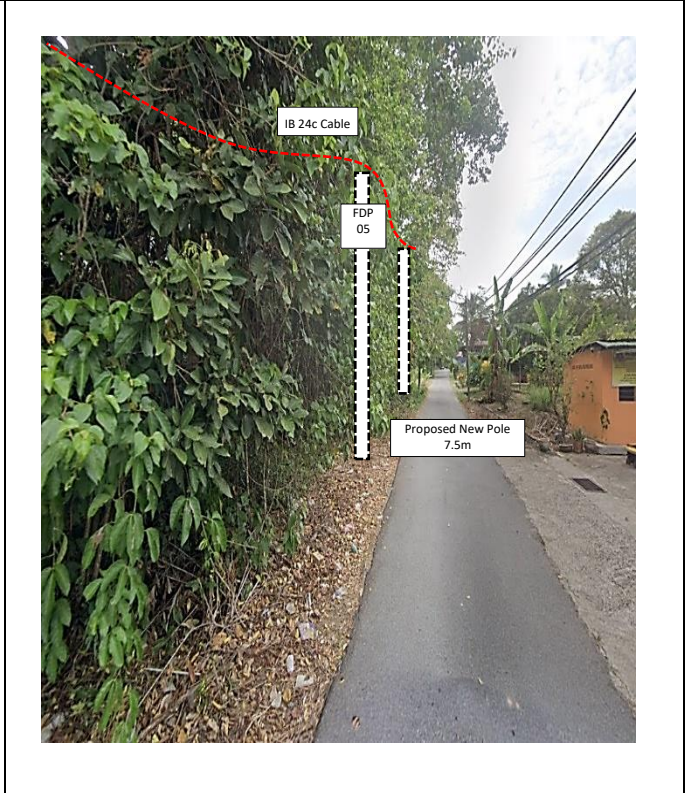
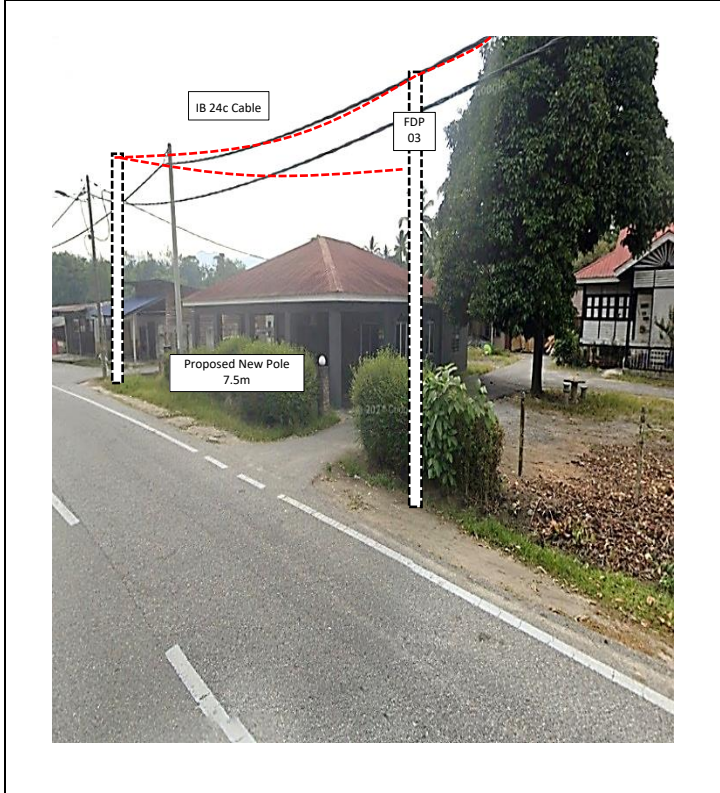
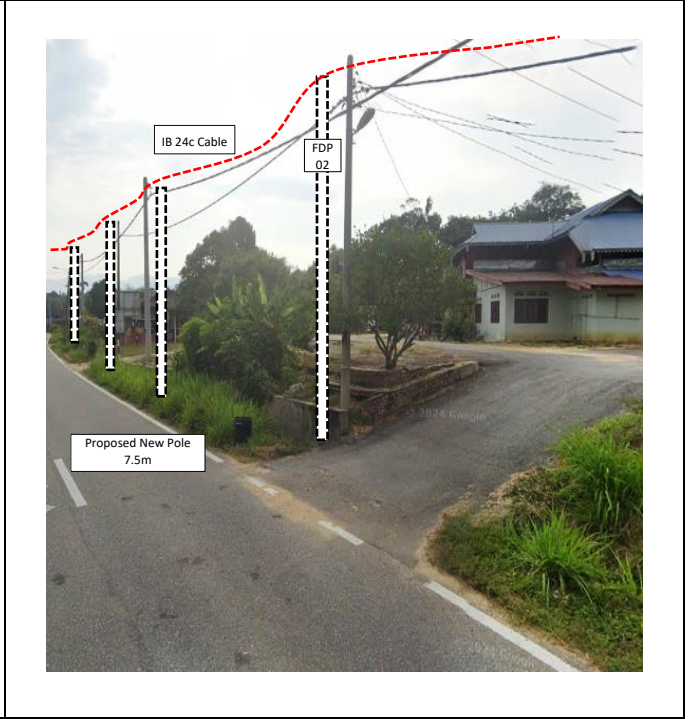


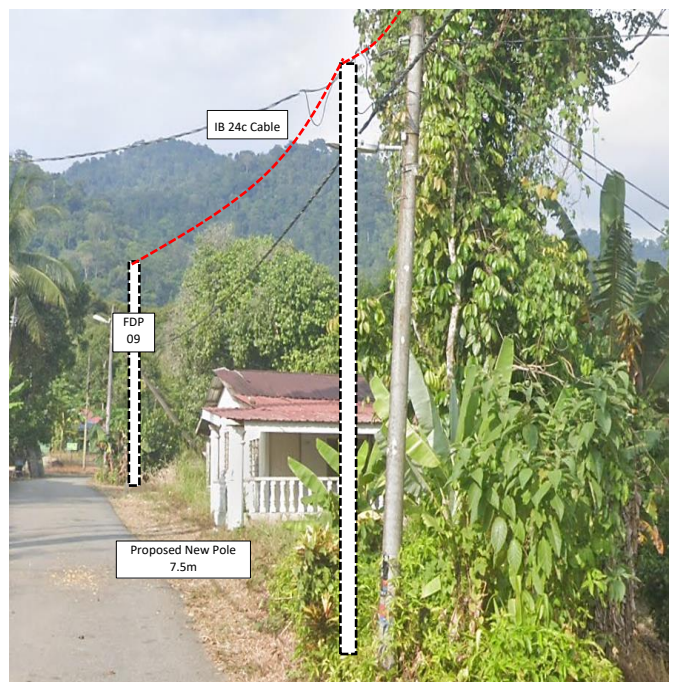
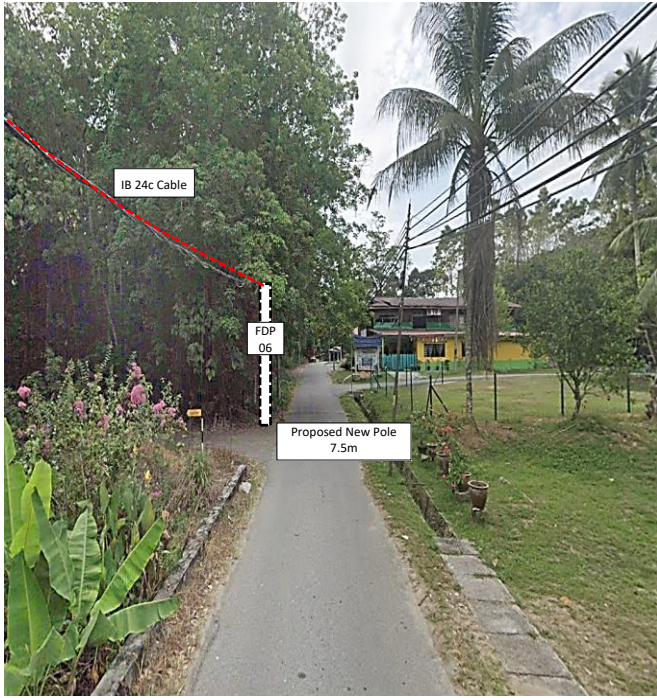
4.0 PROPOSED NEW POLE

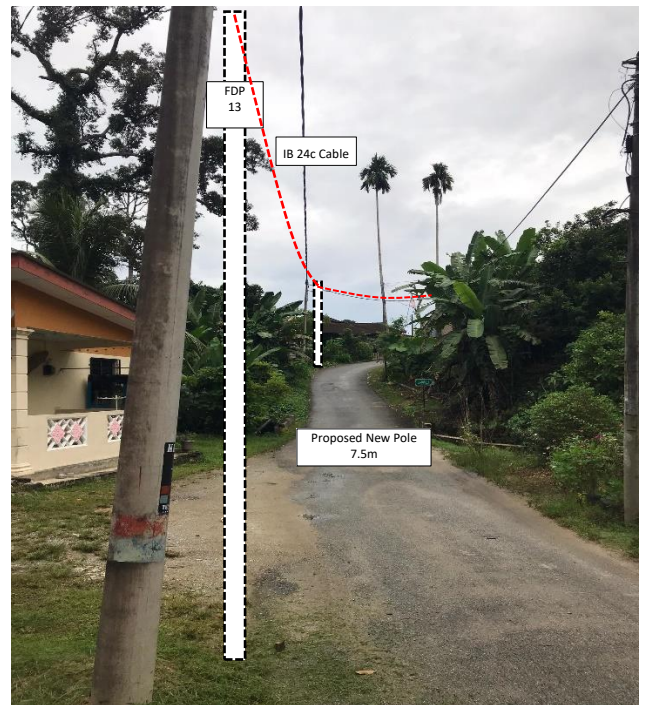
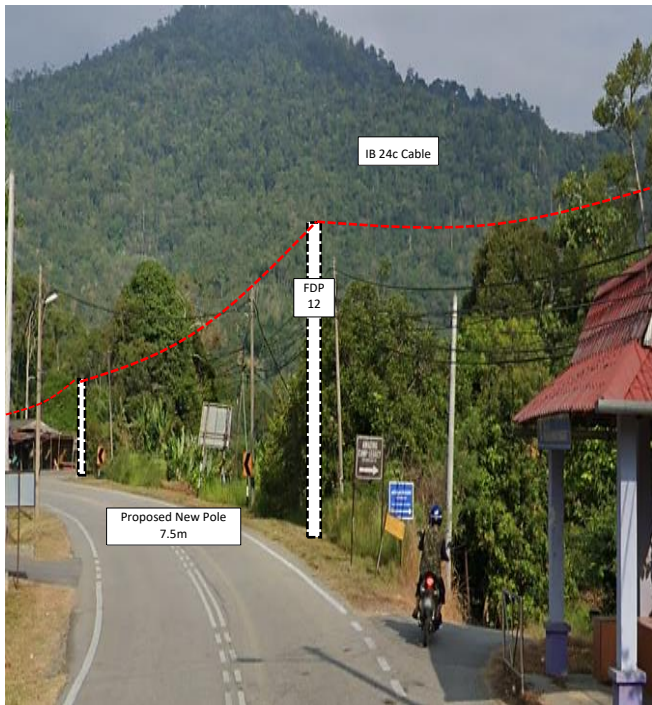
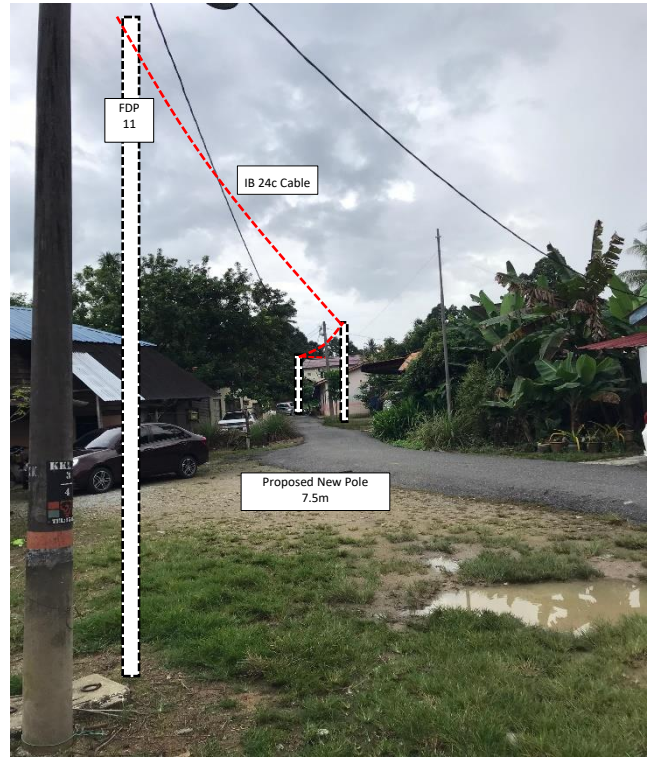
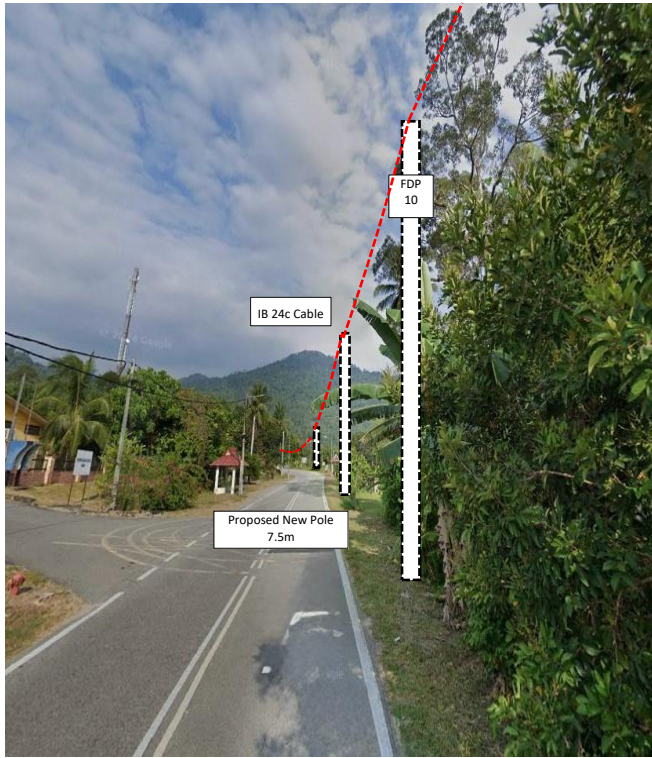
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	FDC POLE	10	4.993491	100.935157	JKR
2	T001	11	4.993447	100.935091	JKR
3	T002	18	4.993723	100.928067	JKR
4	T003	37	4.993514	100.935335	JKR
5	T004	35	4.993662	100.935605	JKR
6	T005	34	4.993811	100.935835	JKR
7	T006	31	4.993953	100.936050	JKR
8	T007	31	4.994085	100.936292	JKR
9	T008	26	4.994206	100.936530	JKR
10	T009	25	4.994311	100.936761	JKR
11	T010	21	4.994490	100.937112	JKR
12	T011	22	4.994711	100.937244	JKR
13	T012	30	4.994764	100.937501	JKR
14	T013	17	4.994382	100.937457	Majlis Daerah Lenggong
15	T014	32	4.994492	100.937572	Majlis Daerah Lenggong
16	T015	41	4.994620	100.937847	Majlis Daerah Lenggong
17	T016	45	4.994823	100.938146	Majlis Daerah Lenggong
18	T017	48	4.995058	100.938483	Majlis Daerah Lenggong
19	T018	40	4.994790	100.938700	Majlis Daerah Lenggong
20	T019	27	4.994614	100.938849	Majlis Daerah Lenggong
21	T020	25	4.994510	100.938960	Majlis Daerah Lenggong
22	T021	22	4.994322	100.939124	Majlis Daerah Lenggong
23	T022	22	4.994200	100.939240	Majlis Daerah Lenggong
24	T023	26	4.994912	100.937628	JKR
25	T024	28	4.995114	100.937842	JKR
26	T025	23	4.995245	100.937975	JKR
27	T026	33	4.995442	100.938264	JKR
28	T027	23	4.995499	100.938520	JKR
29	T028	31	4.993606	100.935193	JKR
30	T029	29	4.993952	100.935052	Majlis Daerah Lenggong
31	T030	36	4.993584	100.934923	Majlis Daerah Lenggong
32	T031	27	4.994517	100.934810	Majlis Daerah Lenggong
33	T032	22	4.993690	100.934769	JKR
34	T033	27	4.993905	100.934505	JKR
35	T034	42	4.993843	100.934402	JKR
36	T035	43	4.994189	100.934147	JKR
37	T036	27	4.994324	100.933916	JKR
38	T037	32	4.994506	100.933486	JKR
39	T038	42	4.994656	100.933562	Majlis Daerah Lenggong

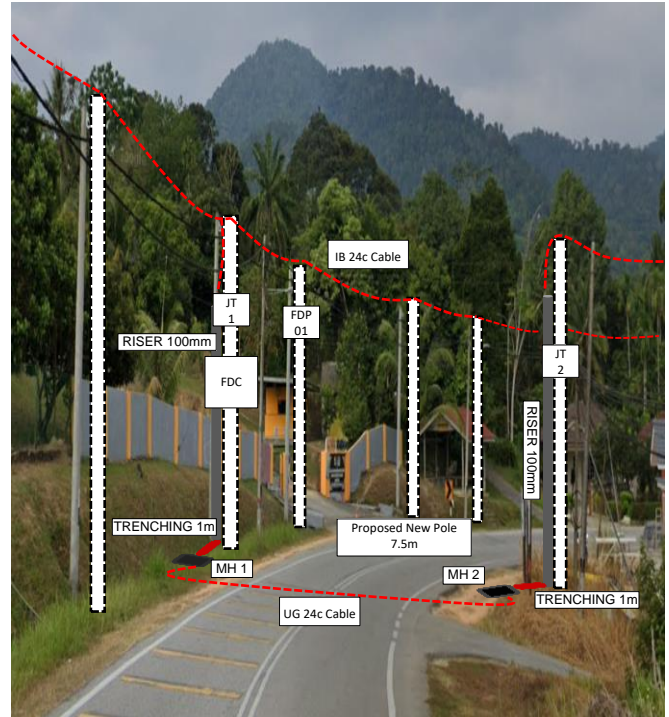
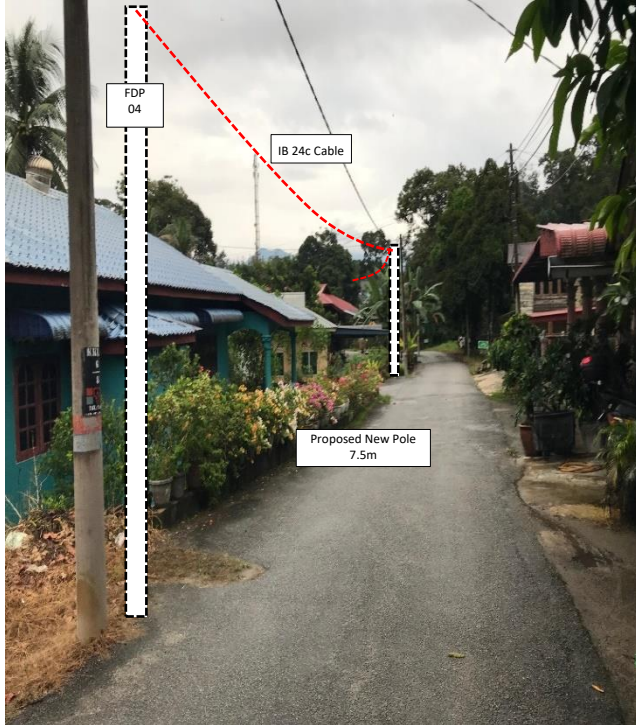
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
40	T039	44	4.994862	100.933515	Majlis Daerah Lenggong
41	T040	44	4.995233	100.933518	Majlis Daerah Lenggong
42	T041	45	4.994649	100.933122	JKR
43	T042	38	4.994773	100.932747	JKR
44	T043	21	4.994872	100.932370	JKR
45	T044	22	4.994905	100.932036	JKR
46	T045	41	4.994912	100.931625	JKR
47	T046	41	4.994762	100.931325	JKR
48	T047	45	4.994569	100.930983	JKR
49	T048	39	4.994590	100.930582	Majlis Daerah Lenggong
50	T049	42	4.994401	100.930293	Majlis Daerah Lenggong
51	T050	34	4.994157	100.930028	Majlis Daerah Lenggong
52	T051	28	4.993959	100.929807	Majlis Daerah Lenggong
53	T052	44	4.993876	100.929525	Majlis Daerah Lenggong
54	T053	32	4.993946	100.929126	Majlis Daerah Lenggong
55	T054	17	4.994003	100.928859	Majlis Daerah Lenggong
56	T055	39	4.994054	100.928474	Majlis Daerah Lenggong
57	T056	41	4.993877	100.928208	Majlis Daerah Lenggong
58	T057	45	4.993723	100.928067	Majlis Daerah Lenggong

5.0 SITE PHOTOS - PROPOSED NEW POLE











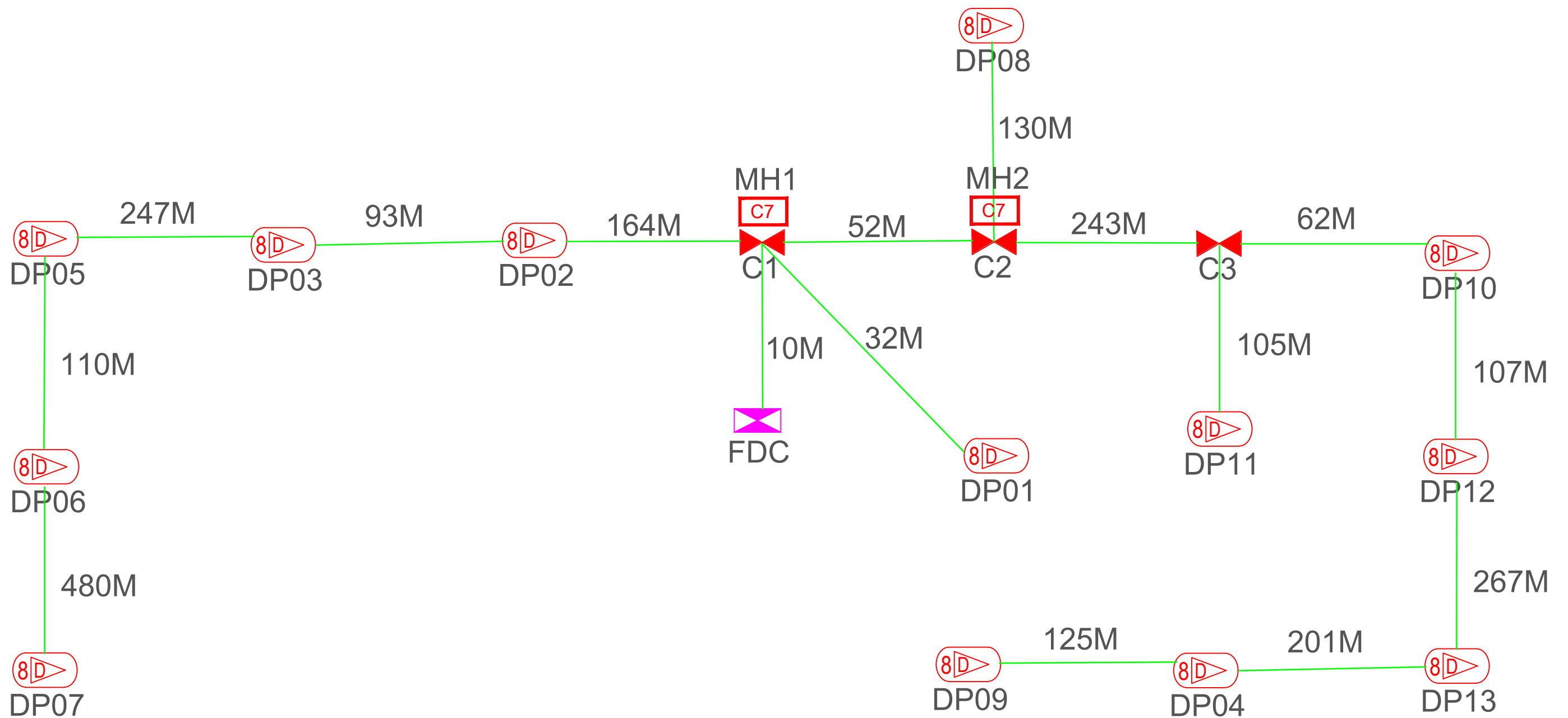
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(1998397-X)

6.0 3rd PARTIES DEPENDENCIES

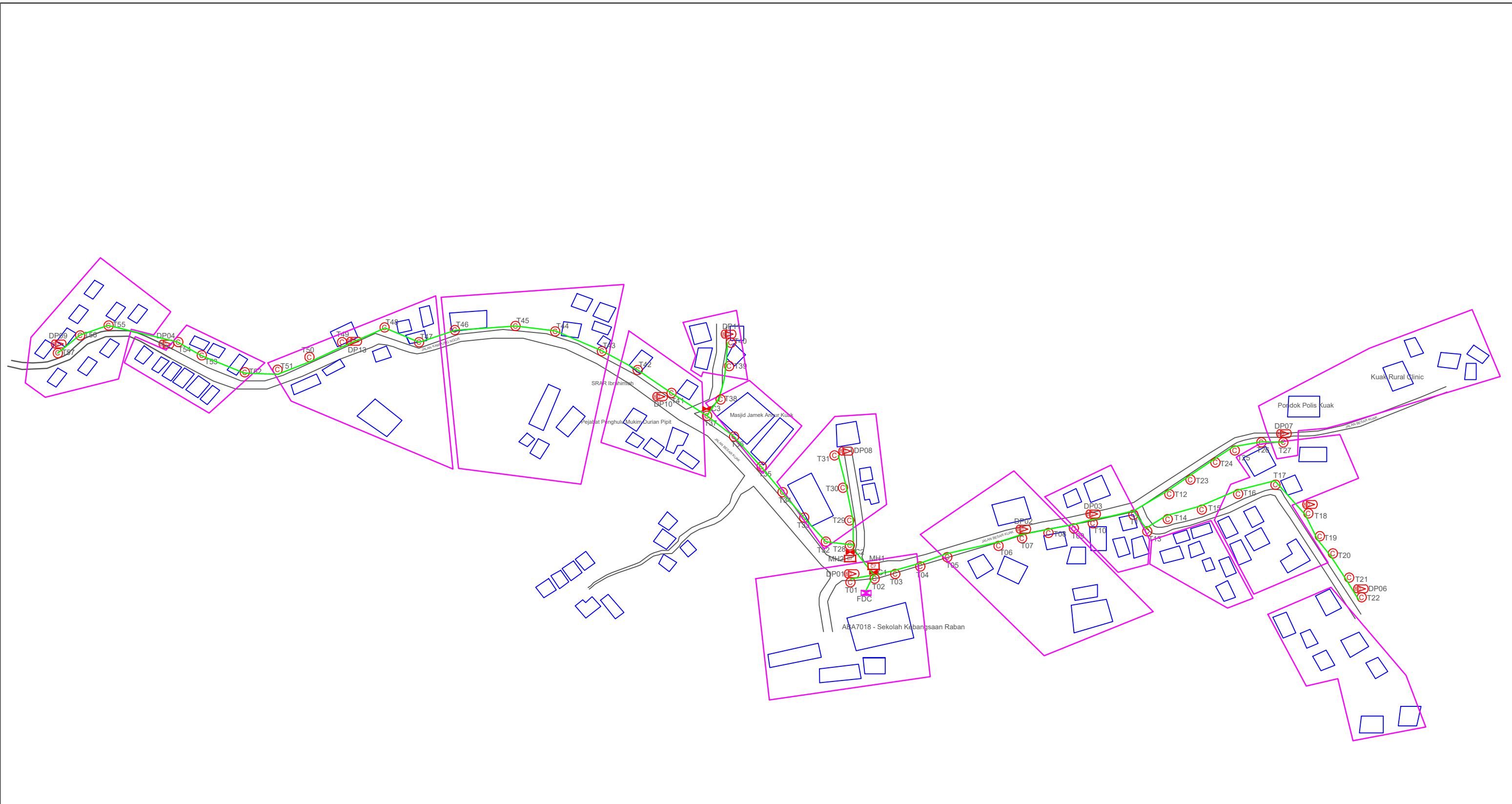
NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Lenggong	1019
2	JKR Daerah Lenggong	852



TOTAL FOC DISTANCE: 2,428 METERS

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 : 	MAIN CONTRACTOR 	SUB-CONTRACTOR : 	PROJECT TITLE: CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION, AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 PROJECT D-SIDE - ABA7018 - SK RABAN	DRAWING TITLE: ABA7018 SK RABAN	Design By ENGINEER Date DATE
					PROJECT PHASE: PROJECT PHASE	Drawn By CAD ENGINEER Scale NTS Checked By ENGINEER Job Number JOB/NUMBER
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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		LOOP		FDC NO.		SEE SHEET XXXX
							FDP Boundary				



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 - ABA7018 - SK RABAN

DRAWING TITLE:

ABA7018 SK RABAN

PROJECT PHASE:

PROJECT PHASE

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Drawn By	CAD ENGINEER	Scale	NTS
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