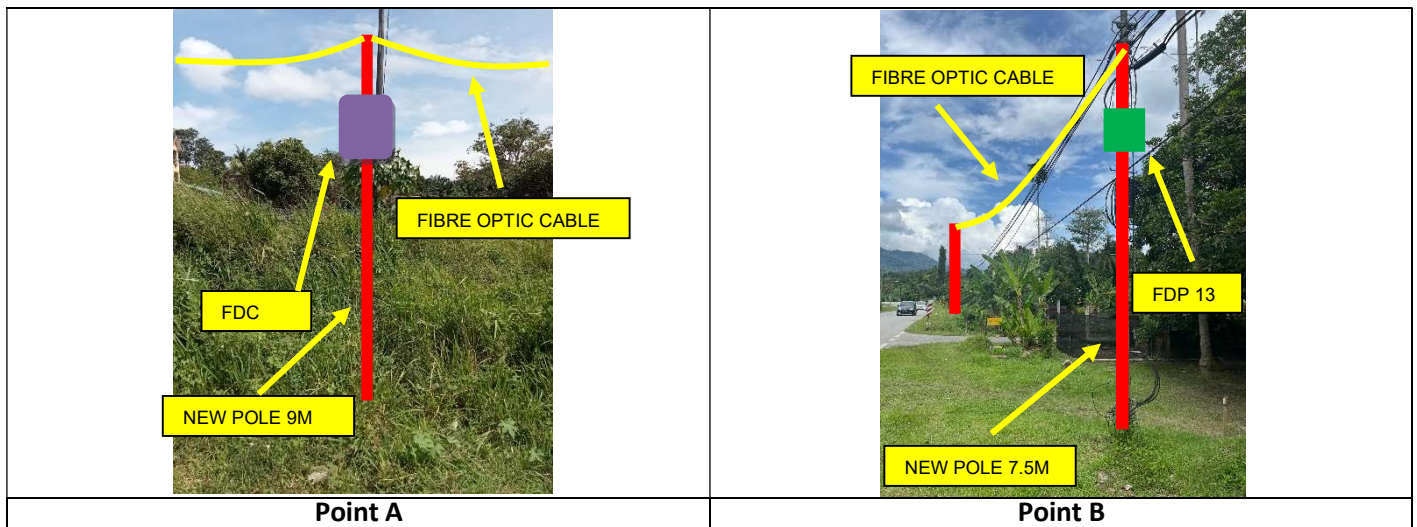


TECHNICAL PROPOSAL

POP2 ABA7014-SEKOLAH KEBANGSAAN BANGGOL BELIMBING (D- SIDE)

Company Name : WabTech Sdn Bhd
Company Address : 101-1, Jalan Metro Sendayan, 71950 Seremban, Negeri Sembilan.
Prepared By : Muhamad Iqbal Aqasha Bin Muzaidi
Date : 25/11/2024



Starting Point

Site / Boundary Name : SEKOLAH KEBANGSAAN BANGGOL BELIMBING
 Address : Kampung Bor, 33400 Lenggong, Perak.
 District : Lenggong
 Postcode : 33400
 State : Perak
 GPS Coordinate : 5.081104, 100.960478
 LRD : A

End Point

Site / Boundary Name : Kampung Bor
 Address : Jalan Besar Kg Bor
 District : Lenggong
 Postcode : 33400
 State : Perak
 GPS Coordinate : 5.072149, 100.963093
 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
(1398287-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	3098m
2	Install New Pole	ea	82
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	17
6	Estimated Time Required for Completion	days	30



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
(1398287-X)

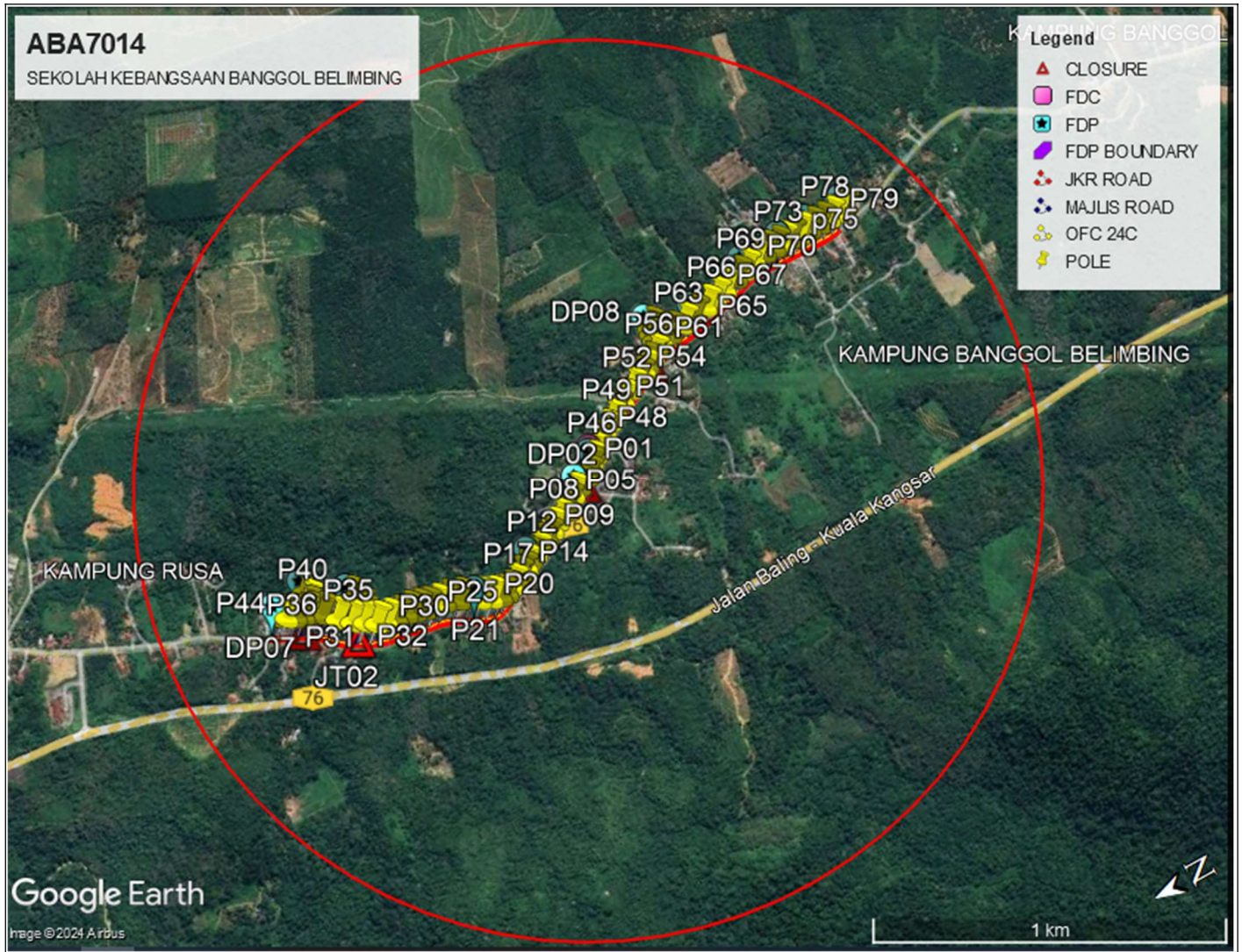
2.0 LOCAL AUTHORITY SUMMARY

Daerah Lenggong

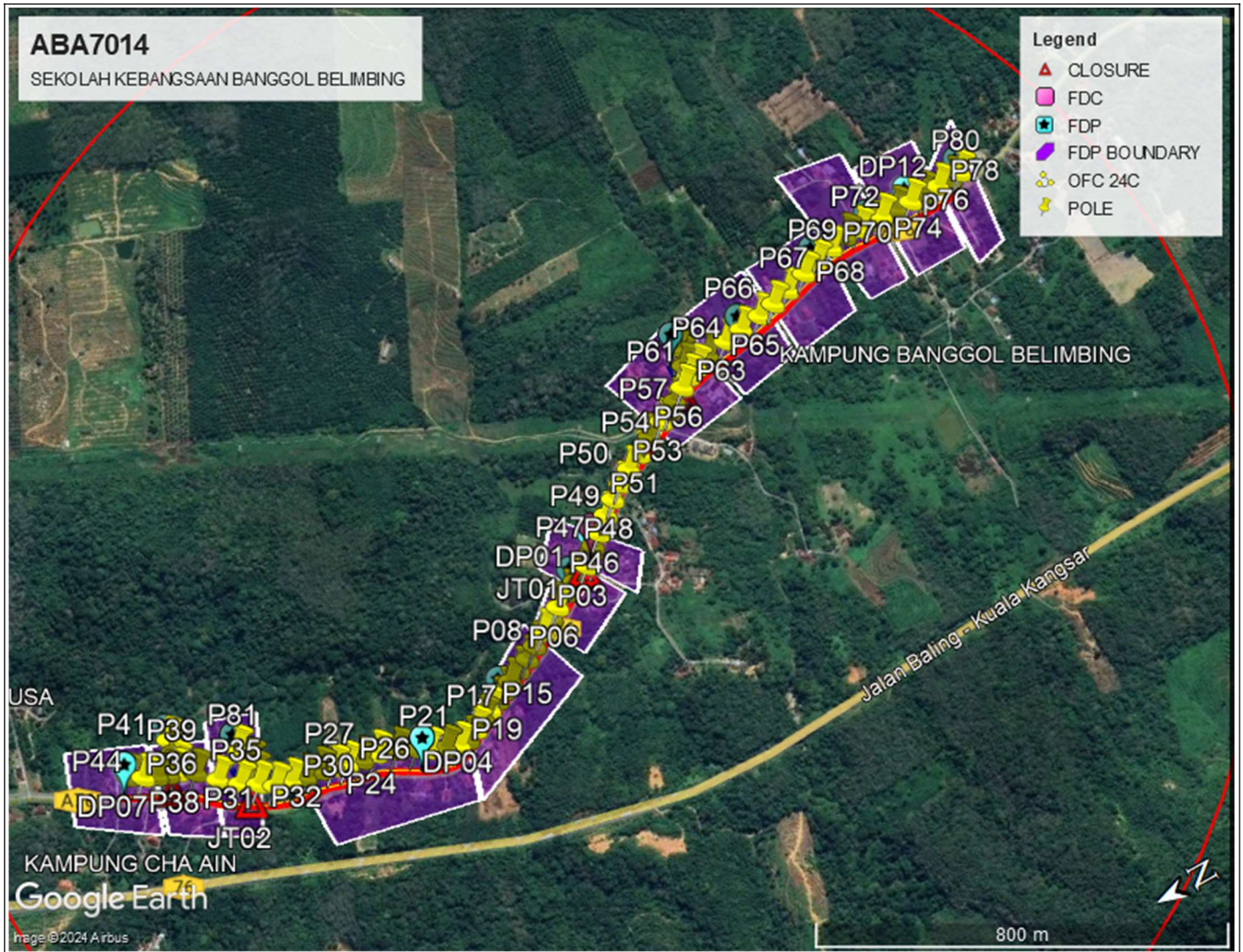
NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR		
		Majlis	-	-
		PDT	-	-
2	New Pole	JKR	73	2749m
		Majlis	9	349m
		PDT	-	
Total Distance (m)				3098m

3.0 SITE PLAN (KMZ)

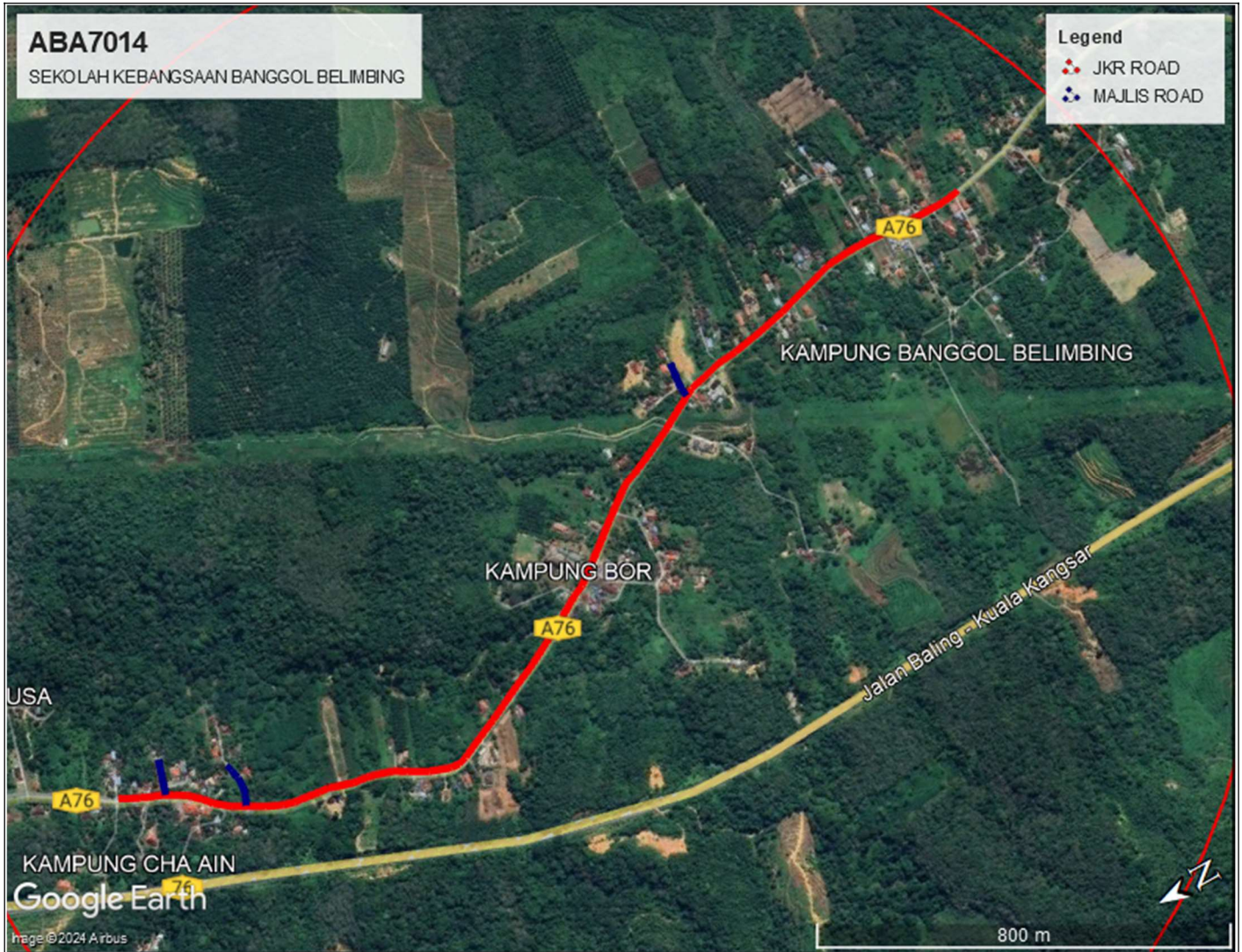
3.1 Overview Site Area



3.2 Site Boundry



3.3 Road Boundry

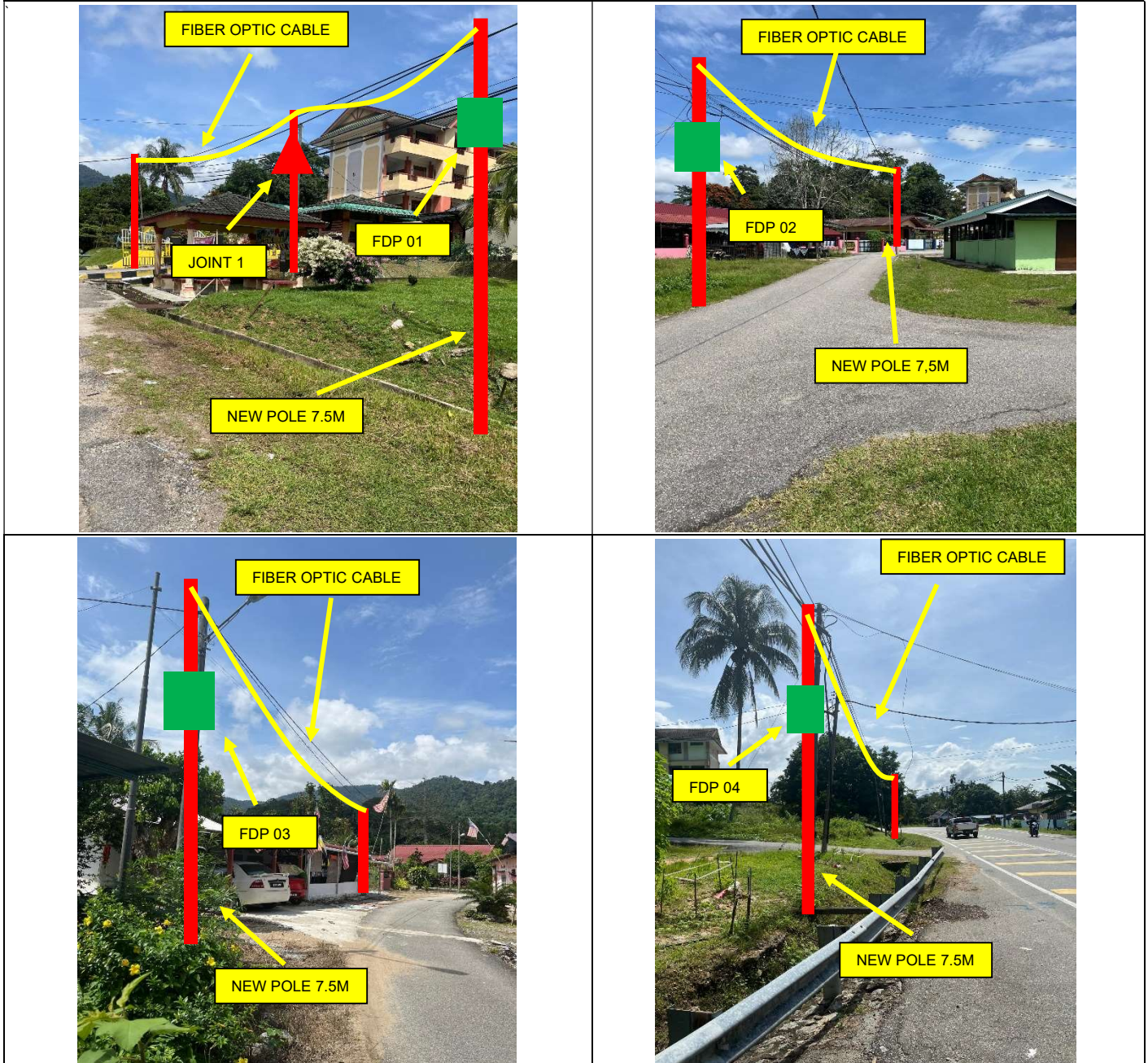


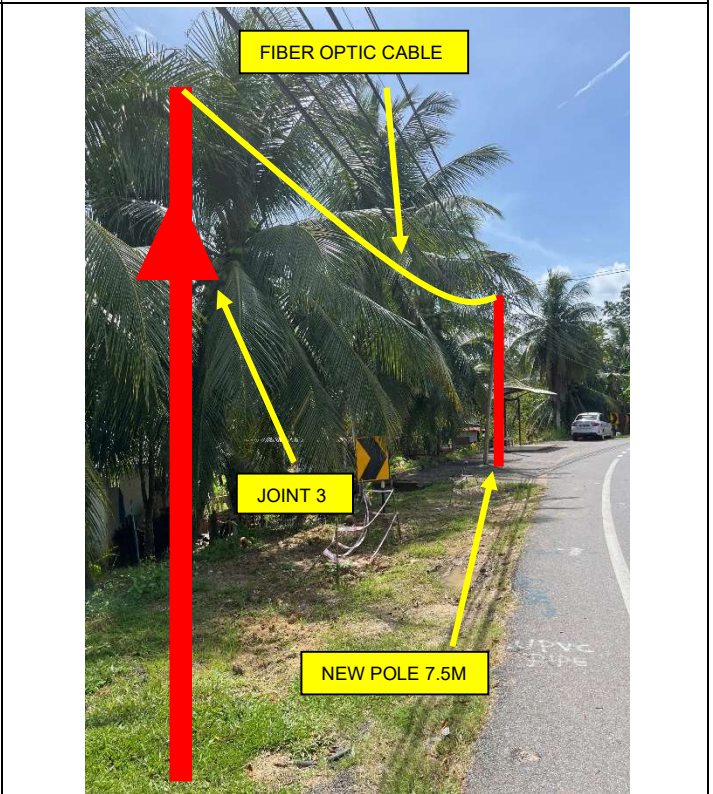
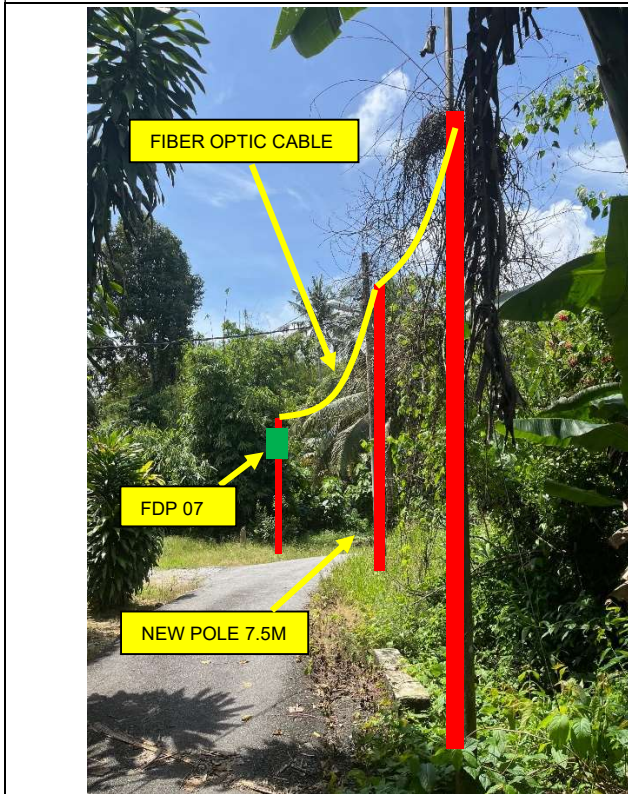
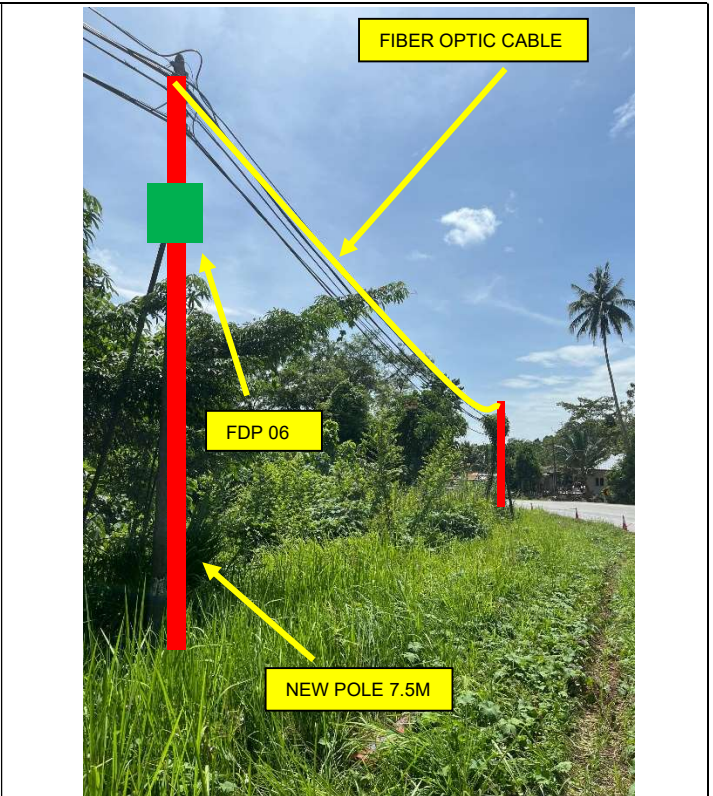
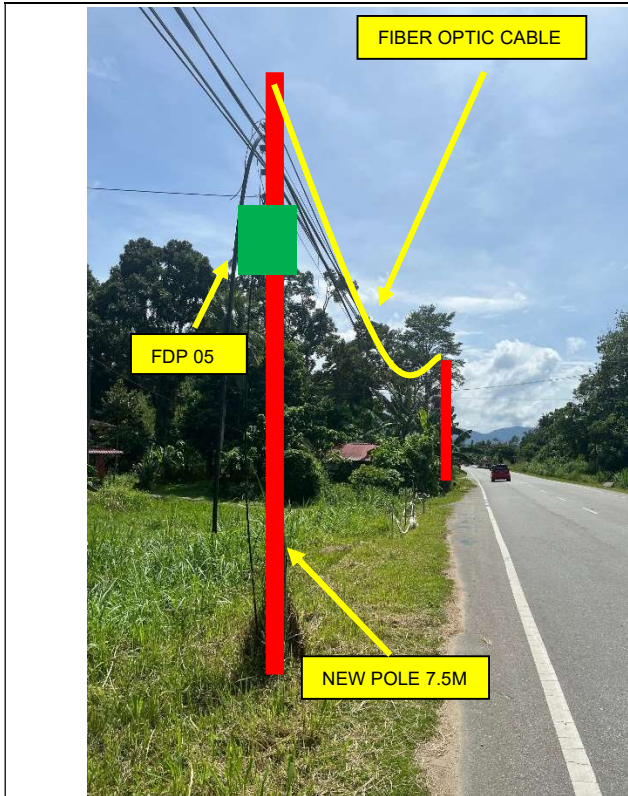
4.0 PROPOSED NEW POLE

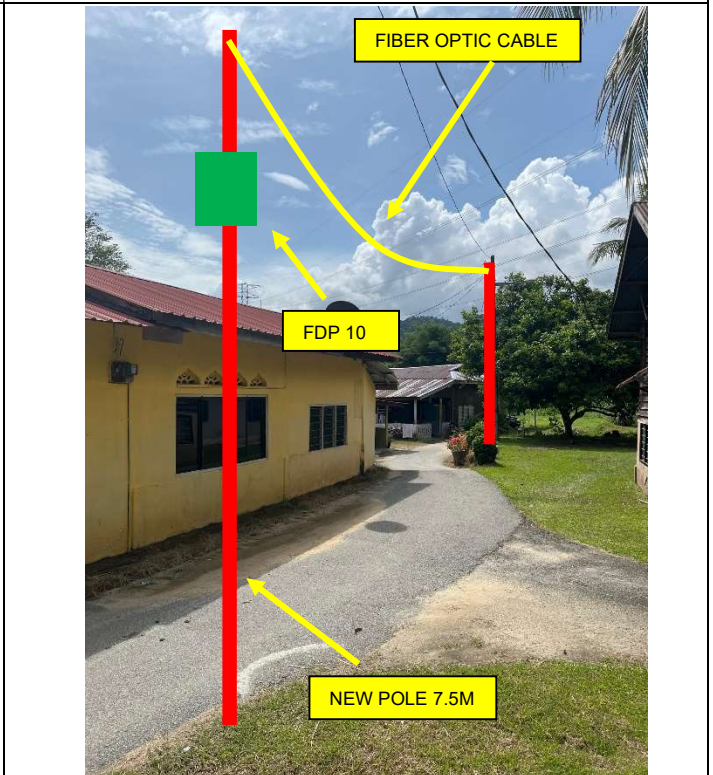
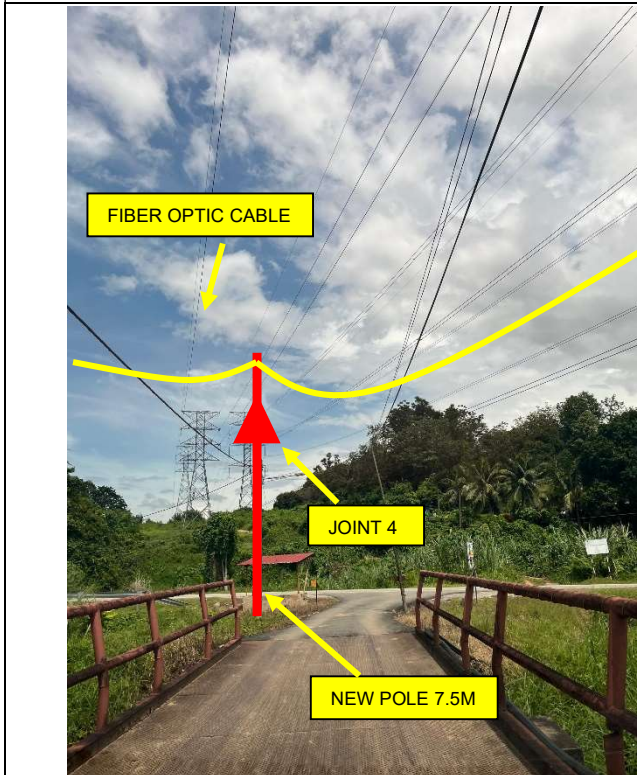
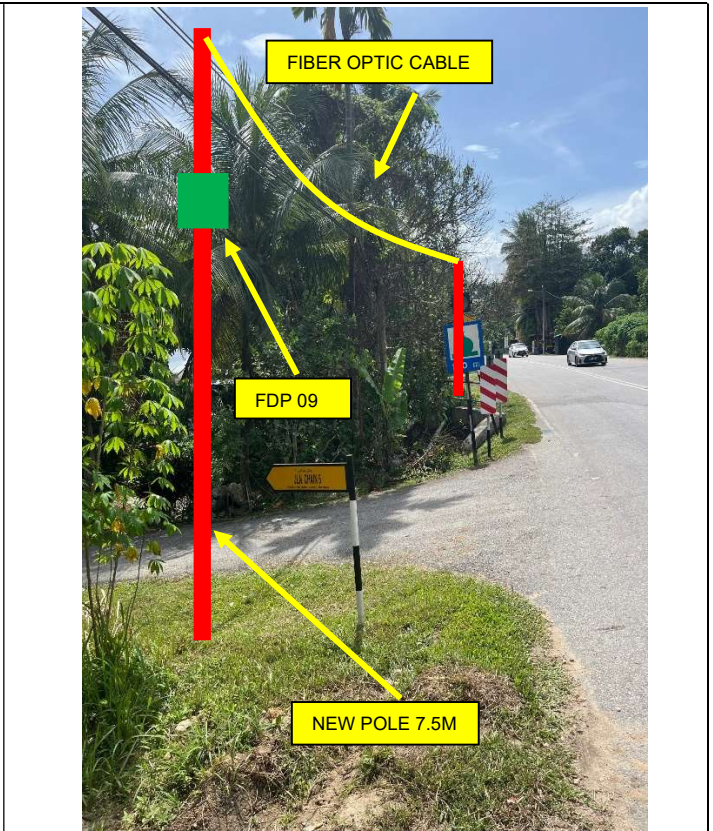
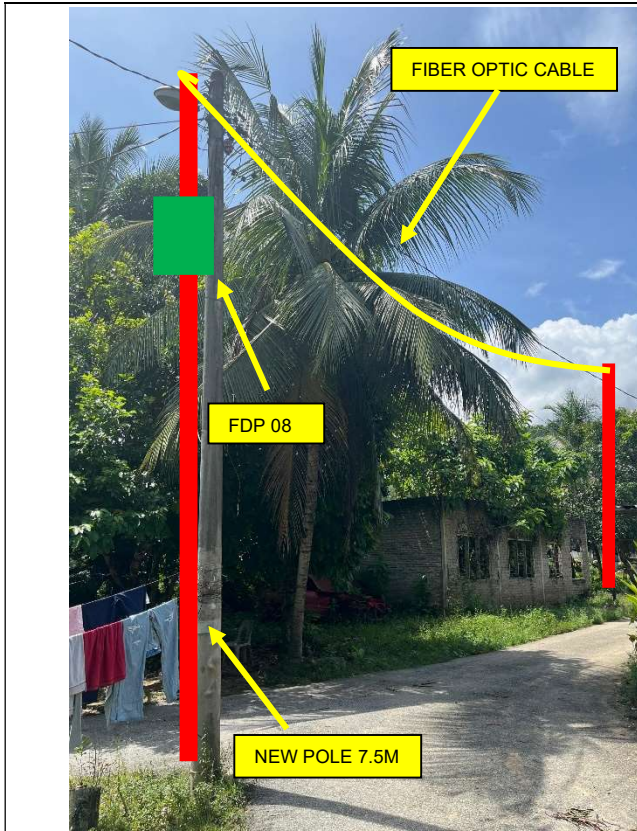
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	34	5.081104	100.960478	JKR
2	T002	36	5.081219	100.960396	JKR
3	T003	36	5.081306	100.960306	JKR
4	T004	37	5.081491	100.960139	JKR
5	T005	38	5.081809	100.960006	JKR
6	T006	34	5.082039	100.959903	JKR
7	T007	36	5.082294	100.959755	JKR
8	T008	35	5.082485	100.959640	JKR
9	T009	38	5.082734	100.959496	JKR
10	T010	39	5.082982	100.959359	JKR
11	T011	37	5.083202	100.959223	JKR
12	T012	39	5.083439	100.959139	JKR
13	T013	40	5.083662	100.959030	JKR
14	T014	39	5.083840	100.958944	JKR
15	T015	36	5.084026	100.958850	JKR
16	T016	37	5.084218	100.958776	JKR
17	T017	36	5.084388	100.958694	JKR
18	T018	38	5.084600	100.958597	JKR
19	T019	41	5.084793	100.958500	JKR
20	T020	39	5.084979	100.958490	JKR
21	T021	38	5.085218	100.958569	JKR
22	T022	37	5.085501	100.958694	JKR
23	T023	38	5.085671	100.958805	JKR
24	T024	35	5.085985	100.958956	JKR
25	T025	37	5.086326	100.959086	JKR
26	T026	37	5.086595	100.959116	JKR
27	T027	37	5.086857	100.959177	JKR
28	T028	38	5.087084	100.959251	JKR
29	T029	40	5.087326	100.959320	JKR
30	T030	36	5.087602	100.959338	JKR
31	T031	37	5.087861	100.959401	JKR
32	T032	39	5.088134	100.959472	JKR
33	T033	38	5.088373	100.959641	JKR
34	T034	39	5.088345	100.959835	Majlis Daerah Lenggong
35	T035	39	5.088323	100.960060	Majlis Daerah Lenggong
36	T036	37	5.088415	100.960377	Majlis Daerah Lenggong
37	T037	39	5.088658	100.959806	JKR
38	T038	38	5.088954	100.960062	JKR
39	T039	37	5.089243	100.960364	JKR

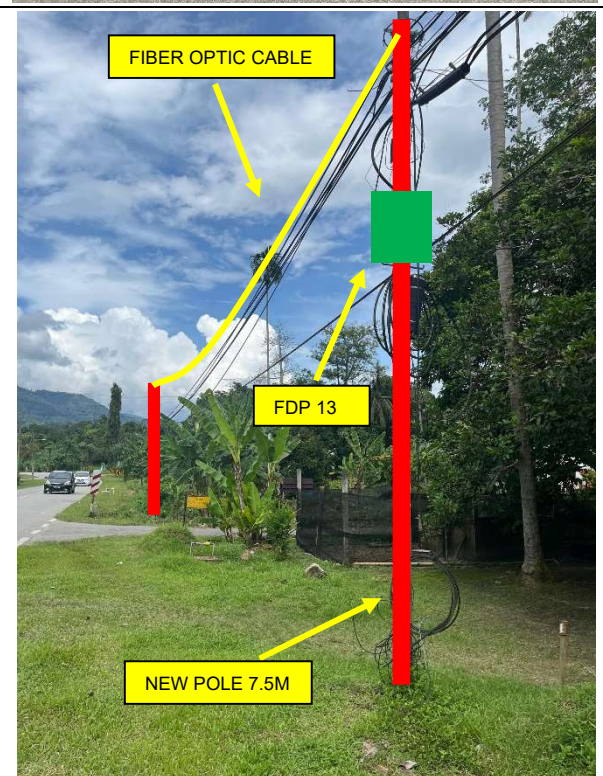
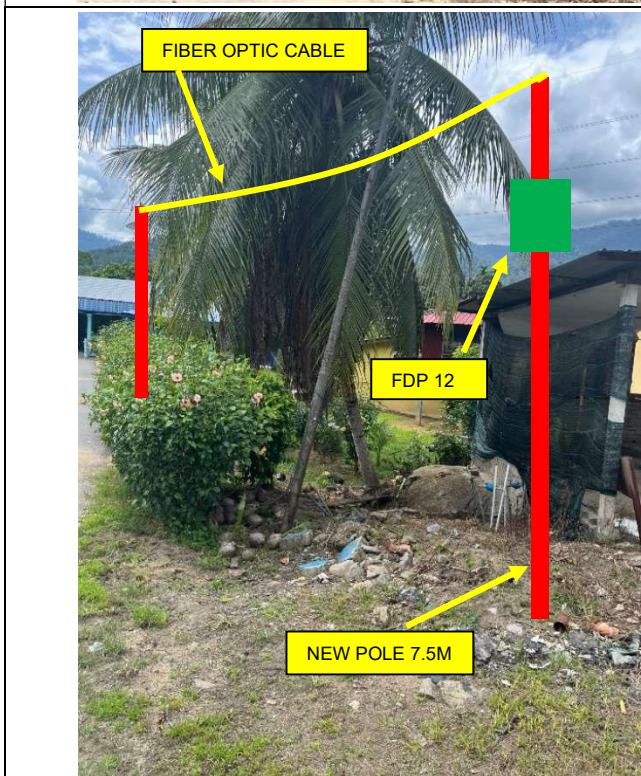
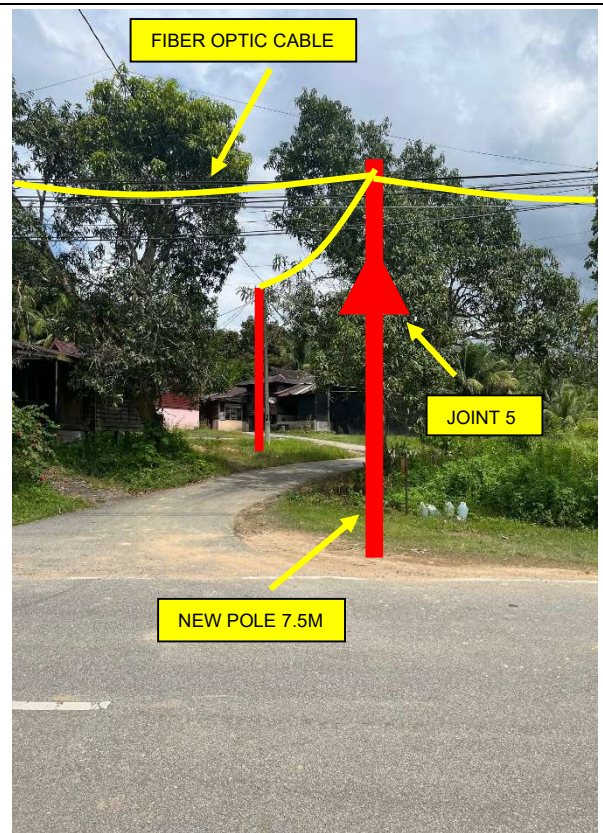
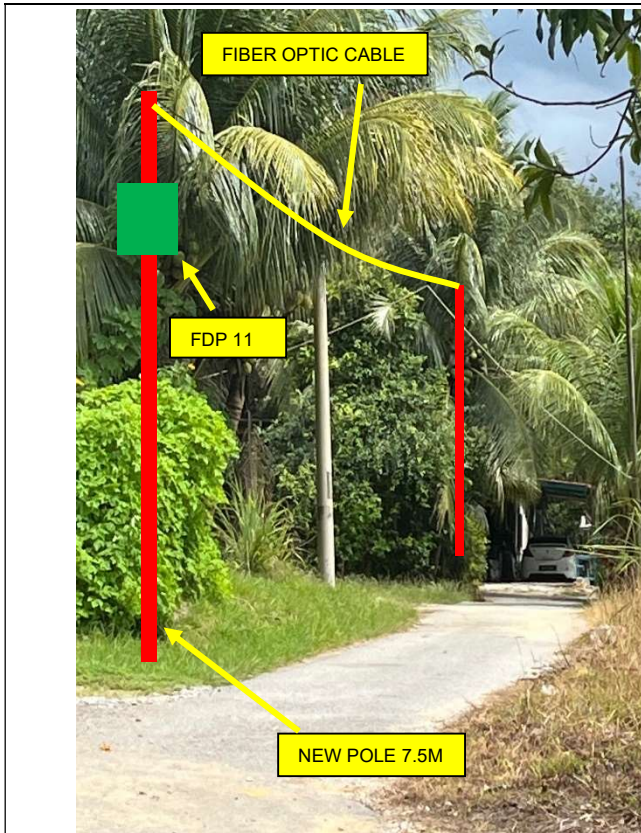
40	T040	43	5.089505	100.960519	JKR
41	T041	40	5.089470	100.960671	Majlis Daerah Lenggong
42	T042	44	5.089430	100.960863	Majlis Daerah Lenggong
43	T043	43	5.089396	100.961099	Majlis Daerah Lenggong
44	T044	42	5.089677	100.960575	JKR
45	T045	43	5.089867	100.960644	JKR
46	T046	44	5.090078	100.960743	JKR
47	T047	41	5.090303	100.960878	JKR
48	T048	41	5.081049	100.960527	JKR
49	T049	43	5.080766	100.960758	JKR
50	T050	42	5.080505	100.960944	JKR
51	T051	42	5.080277	100.961117	JKR
52	T052	40	5.079990	100.961289	JKR
53	T053	41	5.079694	100.961433	JKR
54	T054	37	5.079400	100.961599	JKR
55	T055	36	5.079064	100.961749	JKR
56	T056	42	5.078809	100.961844	JKR
57	T057	32	5.078664	100.961953	JKR
58	T058	35	5.078431	100.962101	JKR
59	T059	37	5.078223	100.962199	JKR
60	T060	36	5.078231	100.962440	Majlis Daerah Lenggong
61	T061	36	5.078210	100.962614	Majlis Daerah Lenggong
62	T062	40	5.078155	100.962798	Majlis Daerah Lenggong
63	T063	38	5.078046	100.962297	JKR
64	T064	36	5.077752	100.962380	JKR
65	T065	39	5.077335	100.962444	JKR
66	T066	36	5.076975	100.962497	JKR
67	T067	37	5.076571	100.962549	JKR
68	T068	38	5.076250	100.962621	JKR
69	T069	39	5.075901	100.962703	JKR
70	T070	35	5.075511	100.962837	JKR
71	T071	36	5.075218	100.962899	JKR
72	T072	36	5.074828	100.962991	JKR
73	T073	38	5.074507	100.963059	JKR
74	T074	35	5.074257	100.963069	JKR
75	T075	34	5.073994	100.963048	JKR
76	T076	33	5.073785	100.963058	JKR
77	T077	34	5.073499	100.963043	JKR
78	T078	32	5.073196	100.963043	JKR
79	T079	36	5.072966	100.963030	JKR
80	T080	35	5.072613	100.963043	JKR
81	T081	35	5.072297	100.963052	JKR
82	T082	35	5.072149	100.963093	JKR



5.0 SITE PHOTOS - PROPOSED NEW POLE





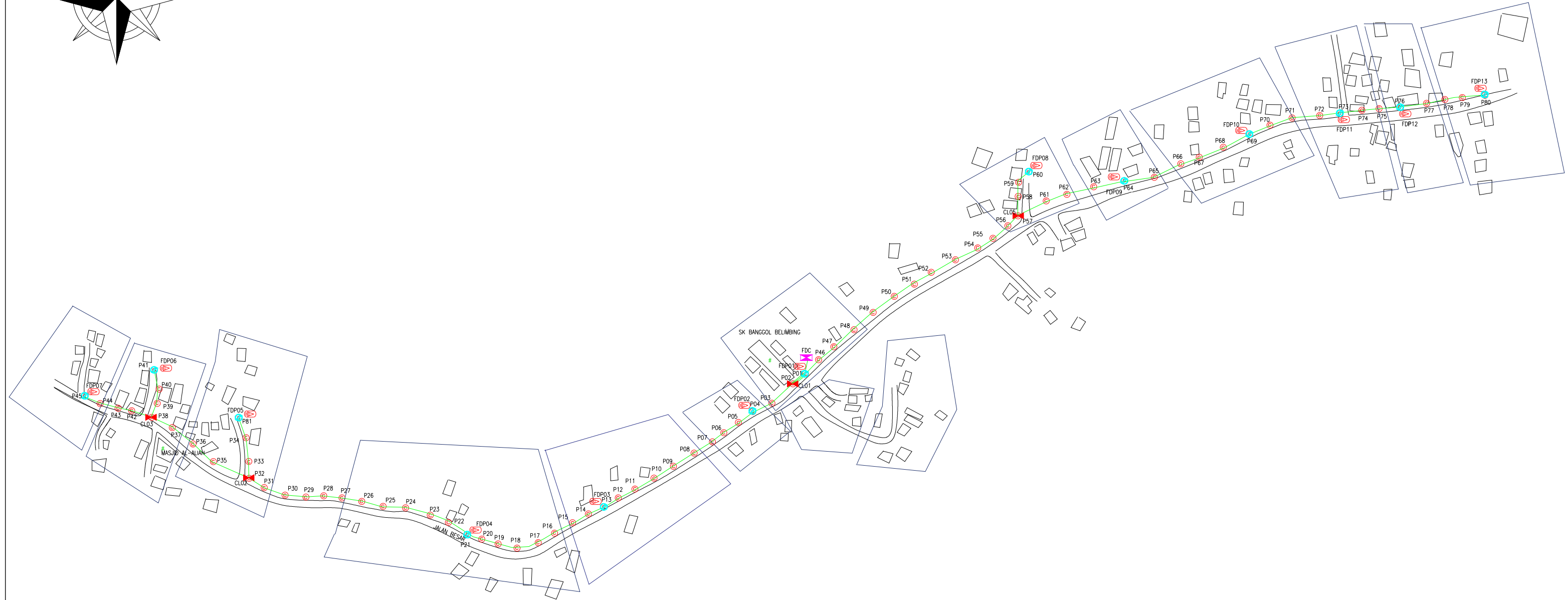
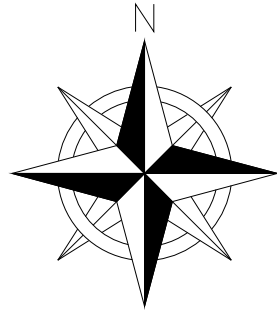




	<p>PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASA 2: HAB INFRASTRUTUK GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA (KKMM.400-11/17/132(1))</p>	 WABTECH SDN BHD <small>(11398387-X)</small>
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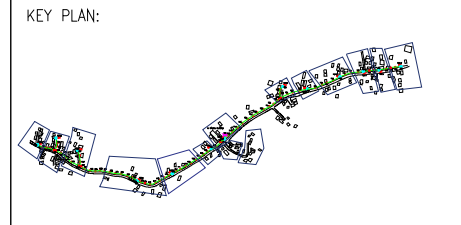
6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Lenggong	349m
2	JKR Daerah Lenggong	2749m



	12C FOC		Installed 1:4 / 1:8 splitter		Existing TNB Pole		Pole Ring	13		Micro-Trenching (Meter)	#	Active Outdoor Numbering	CL01	Closure NO.
	24C FOC	2424m		FDC		Installed Riser		1		Temporary Infra (Meter)	NBD#	FDC NO.	DP1	FDP NO.
	48C FOC			Closure		FDP with (1:8) splitter	13				MH1	MH NO.		
	96C FOC			Installed Pole (9m)		Suspension					TKS-1	Existing TNB Pole NO.		
	144C FOC			Installed Pole (7.5m)	81	Tension					P001	New Pole NO.		

ACTUAL HOMEPASS : 104



PROJECT OWNER:

KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR:

APEX COMMUNICATIONS SDN BHD
187475-V
PRIVASAT

SUB-CONTRACTOR:

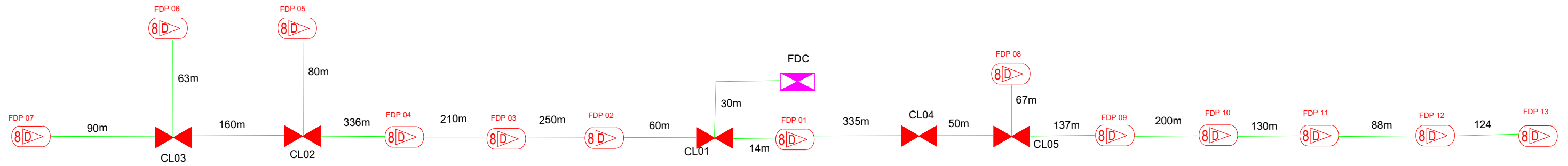
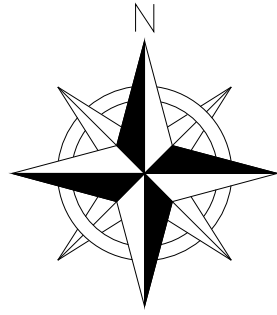
WABTECH SDN BHD
113882727

PROJECT TITLE:
CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 PROJECT (D-SIDE) - ABA7014 SEKOLAH KEBANGSAAN BANGGOL BELIMBING

DRAWING TITLE:
CONSTRUCTION DRAWING -

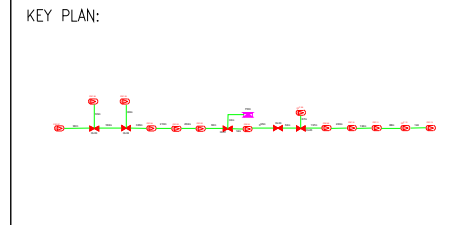
PROJECT PHASE:
SK BANGGOL BELIMBING

Design By : FENDI	Date : 29 NOVEMBER 2024
Drawn By : FENDI	Scale :
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12C FOC	Installed 1:4 / 1:8 splitter	Existing TNB Pole	Pole Ring	13	Micro-Trenching (Meter)	#	Active Outdoor Numbering	CL01	Closure NO.
24C FOC	FDC	Installed Riser	New Manhole (PIT)	1	Temporary Infra (Meter)	NBD#	FDC NO.	DP1	FDP NO.
48C FOC	Closure	FDP with (1:8) splitter	New Manhole(JRC7)	4	FDP Boundary	MH1	MH NO.		
96C FOC	Installed Pole (9m)	Suspension	Existing Manhole	13	HDD (Meter)	TKS-1	Existing TNB Pole NO.		
144C FOC	Installed Pole (7.5m)	Tension	Loop / Coil (Meter)	81	Open Cut (Meter)	P001	New Pole NO.		

ACTUAL HOMEPASS : 104



PROJECT OWNER:

KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR:

APPEX COMMUNICATIONS SDN BHD
187475-V
PRIVASAT

SUB-CONTRACTOR:

WABTECH SDN BHD

PROJECT TITLE:
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DRAWING TITLE:
CONSTRUCTION DRAWING -

PROJECT PHASE:
SK BANGGOL BELIMBING

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