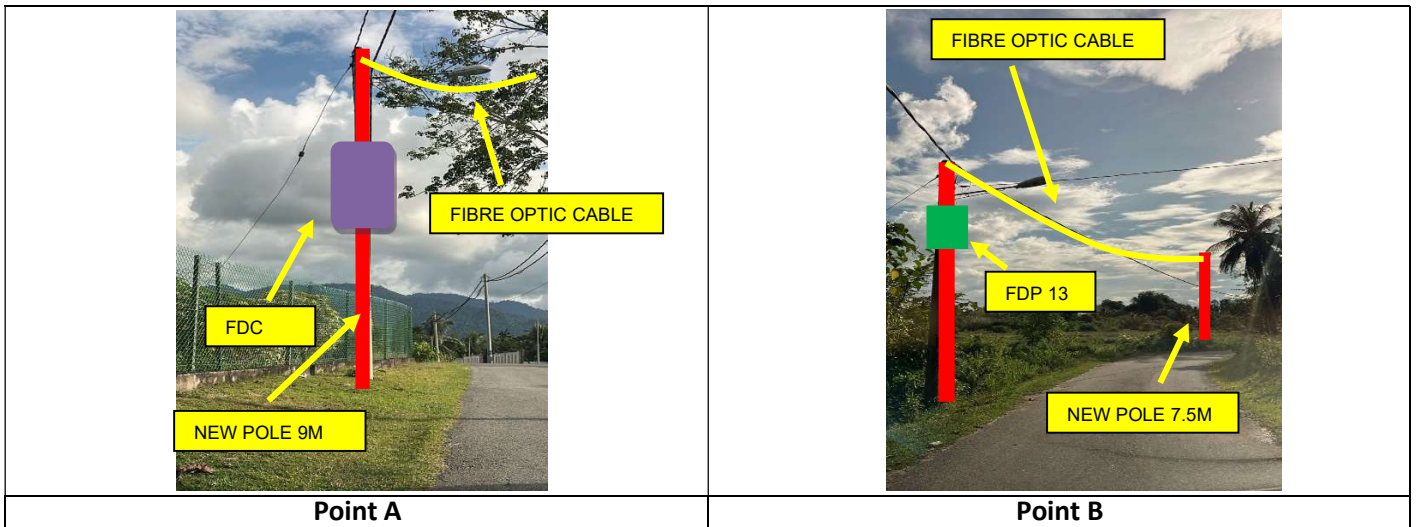


TECHNICAL PROPOSAL

POP2 ABA7011-SEKOLAH KEBANGSAAN BUKIT SAPI (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 : 20/11/2024



Starting Point

Site / Boundary Name : SEKOLAH KEBANGSAAN BUKIT SAPI
 Address : Jalan Bukit Sapi, 33400, Lenggong, Perak.
 District : Lenggong
 Postcode : 33400
 State : Perak
 GPS Coordinate : 5.136724, 101.034902
 LRD : A

End Point

Site / Boundary Name : Kampung Hulu Bukit Sapi
 Address : Jalan Ngah Sulaiman
 District : Lenggong
 Postcode : 33400
 State : Perak
 GPS Coordinate : 5.135420, 101.040519
 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))



WRBTECH SDN BHD
(1398987-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	1820m
2	Install New Pole	ea	49
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



PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
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WRBTECH SDN BHD
(1398987-X)

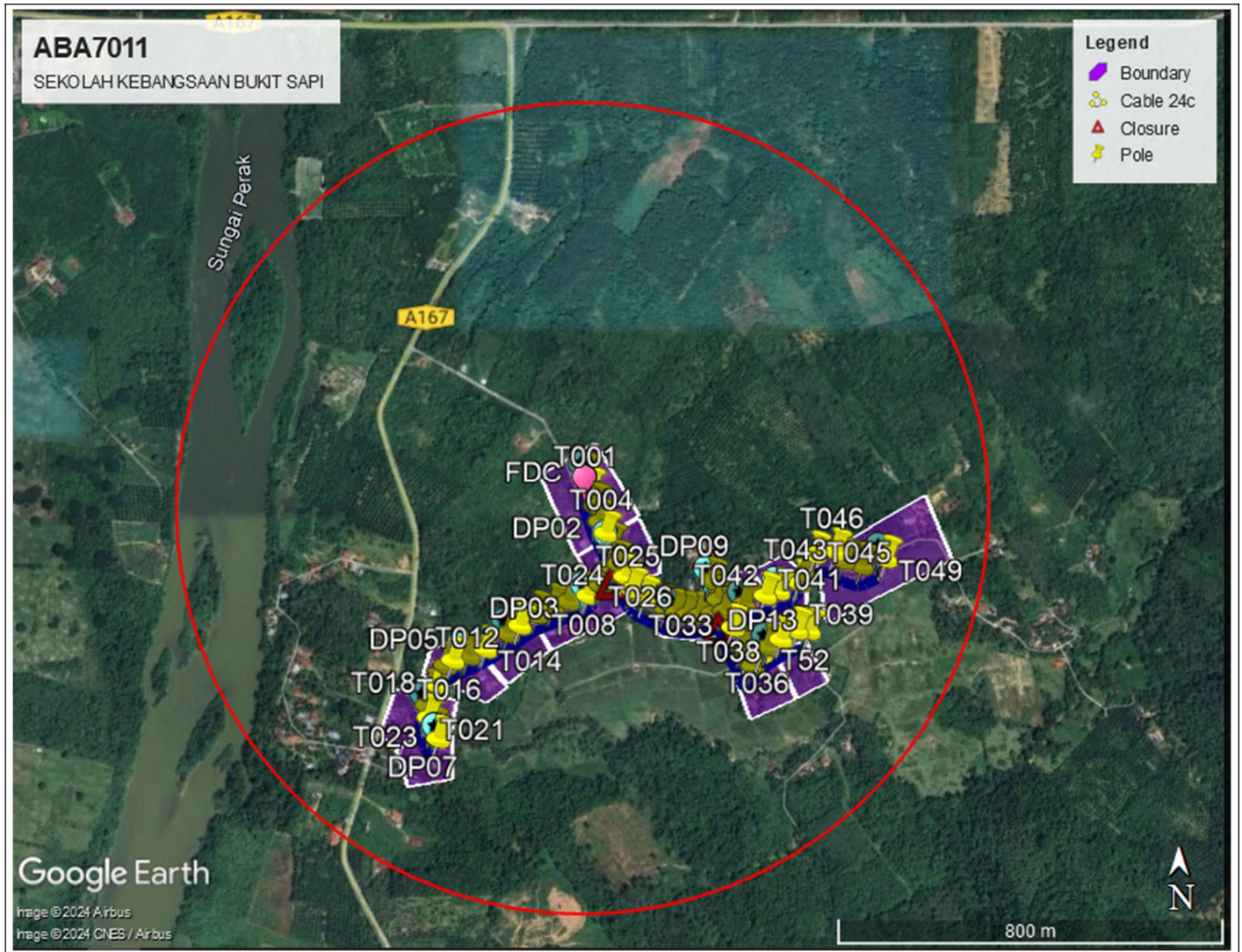
2.0 LOCAL AUTHORITY SUMMARY

Daerah Lenggong

NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	-	-
		Majlis	-	-
		PDT	-	-
2	New Pole	JKR	-	-
		Majlis	54	1820m
		PDT	-	-
Total Distance (m)				1820m

3.0 SITE PLAN (KMZ)

3.1 Overview Site Area



4.0 PROPOSED NEW POLE

No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	36	5.136734	101.034898	Majlis Daerah Lenggong
2	T002	36	5.136396	101.035025	Majlis Daerah Lenggong
3	T003	37	5.136102	101.035089	Majlis Daerah Lenggong
4	T004	38	5.135886	101.035198	Majlis Daerah Lenggong
5	T005	34	5.135298	101.035451	Majlis Daerah Lenggong
6	T006	36	5.135227	101.035351	Majlis Daerah Lenggong
7	T007	35	5.134901	101.035116	Majlis Daerah Lenggong
8	T008	38	5.134704	101.034867	Majlis Daerah Lenggong
9	T009	39	5.134595	101.034498	Majlis Daerah Lenggong
10	T010	37	5.134486	101.034206	Majlis Daerah Lenggong
11	T011	39	5.134355	101.033901	Majlis Daerah Lenggong
12	T012	40	5.134355	101.033901	Majlis Daerah Lenggong
13	T013	39	5.133999	101.033366	Majlis Daerah Lenggong
14	T014	36	5.133714	101.032935	Majlis Daerah Lenggong
15	T015	37	5.133576	101.032622	Majlis Daerah Lenggong
16	T016	36	5.133498	101.032326	Majlis Daerah Lenggong
17	T017	38	5.133408	101.032180	Majlis Daerah Lenggong
18	T018	41	5.133037	101.032000	Majlis Daerah Lenggong
19	T019	39	5.132895	101.031878	Majlis Daerah Lenggong
20	T020	38	5.132653	101.031838	Majlis Daerah Lenggong
21	T021	37	5.132425	101.031867	Majlis Daerah Lenggong
22	T022	38	5.132211	101.031939	Majlis Daerah Lenggong
23	T023	35	5.132041	101.032056	Majlis Daerah Lenggong
24	T024	37	5.135059	101.035567	Majlis Daerah Lenggong
25	T025	37	5.135059	101.035567	Majlis Daerah Lenggong
26	T026	37	5.135059	101.035567	Majlis Daerah Lenggong
27	T027	38	5.134461	101.036342	Majlis Daerah Lenggong
28	T028	40	5.135059	101.035567	Majlis Daerah Lenggong
29	T029	36	5.135818	101.037293	Majlis Daerah Lenggong
30	T030	37	5.134333	101.036979	Majlis Daerah Lenggong
31	T031	39	5.134375	101.037223	Majlis Daerah Lenggong
32	T032	38	5.134387	101.037336	Majlis Daerah Lenggong
33	T033	39	5.134415	101.037457	Majlis Daerah Lenggong
34	T034	39	5.134456	101.037696	Majlis Daerah Lenggong
35	T035	37	5.134415	101.037457	Majlis Daerah Lenggong
36	T036	39	5.134465	101.037751	Majlis Daerah Lenggong
37	T037	38	5.134415	101.037457	Majlis Daerah Lenggong
38	T038	37	5.134415	101.037457	Majlis Daerah Lenggong
39	T039	39	5.134415	101.037457	Majlis Daerah Lenggong
40	T040	36	5.134415	101.037457	Majlis Daerah Lenggong



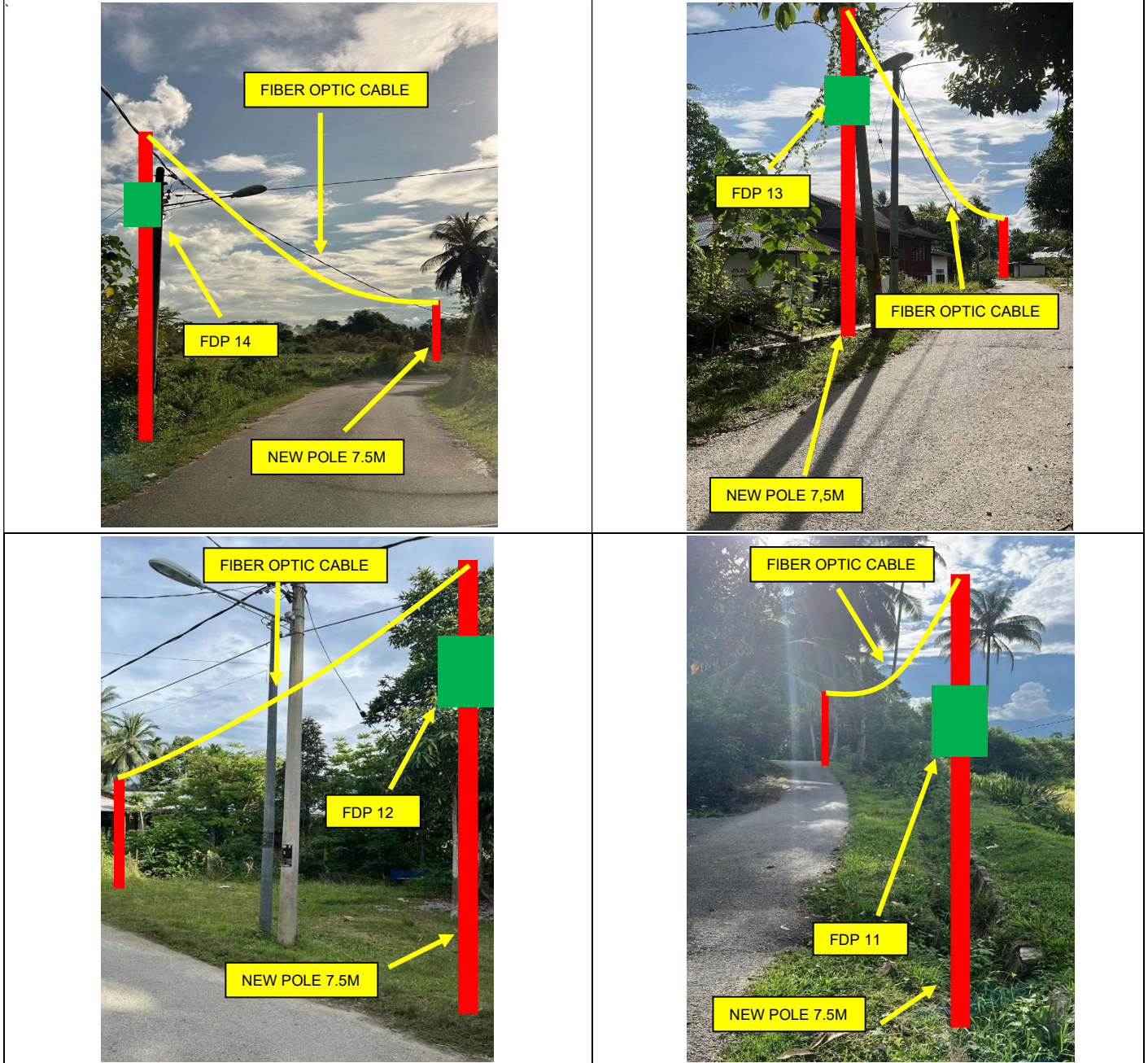
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(KKMM.400-11/17/132(1))

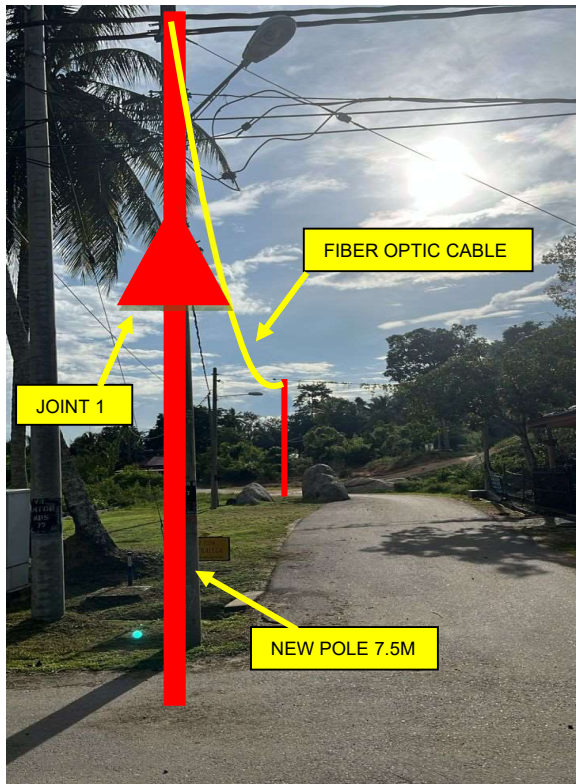
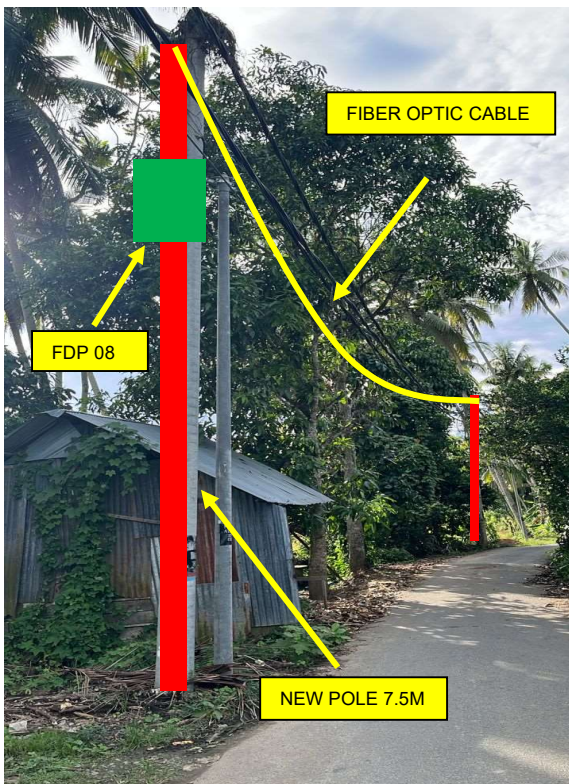
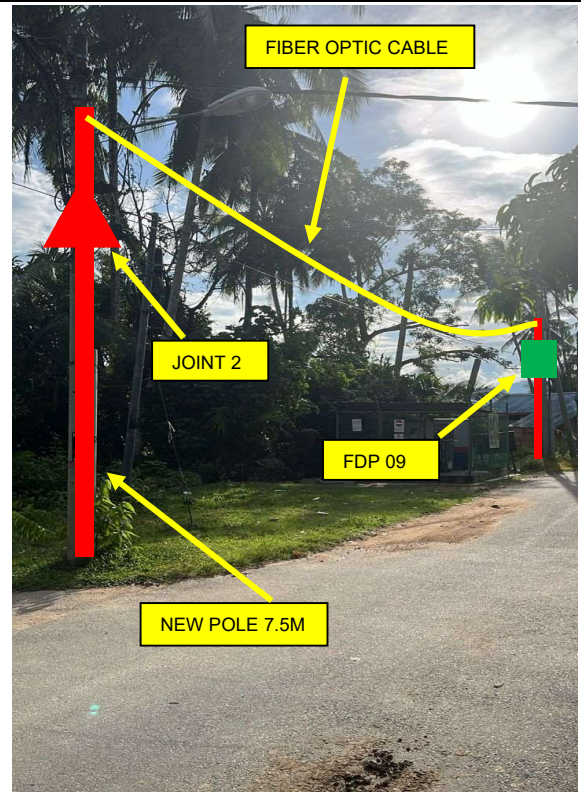
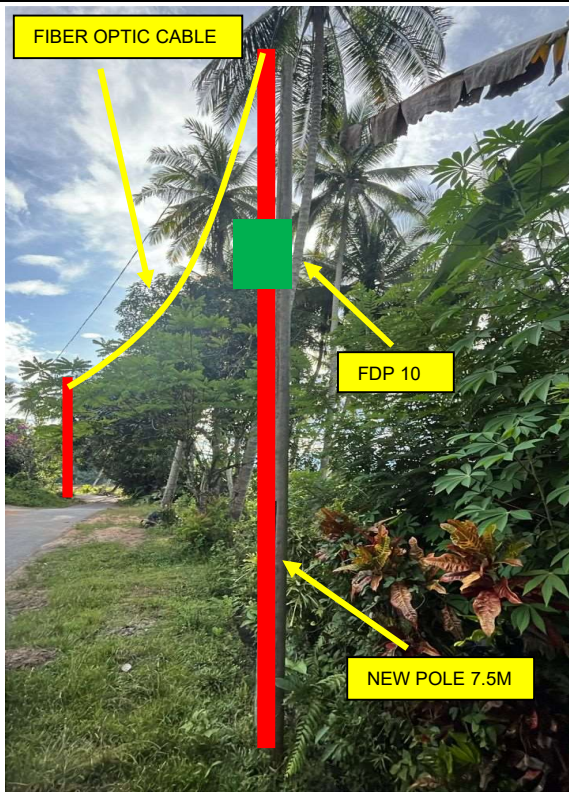


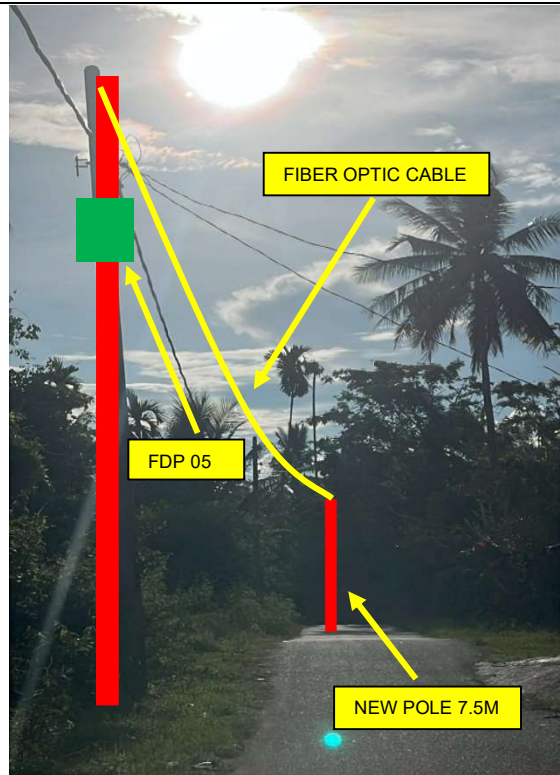
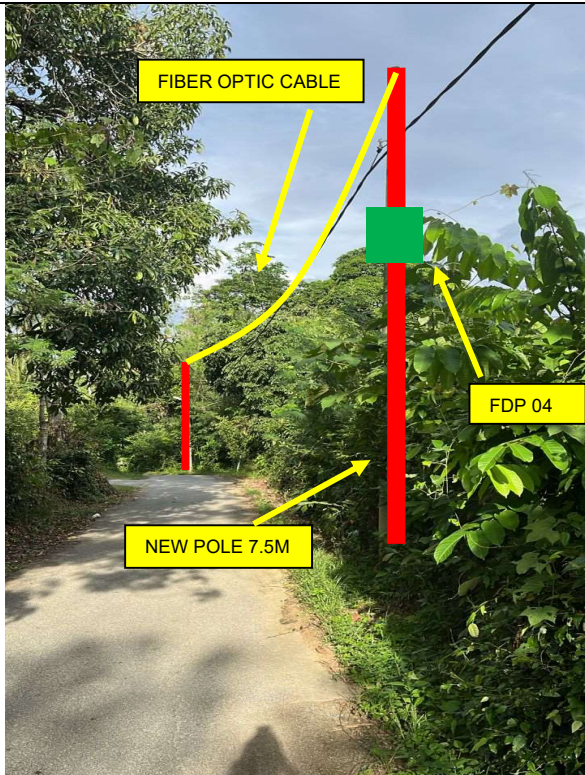
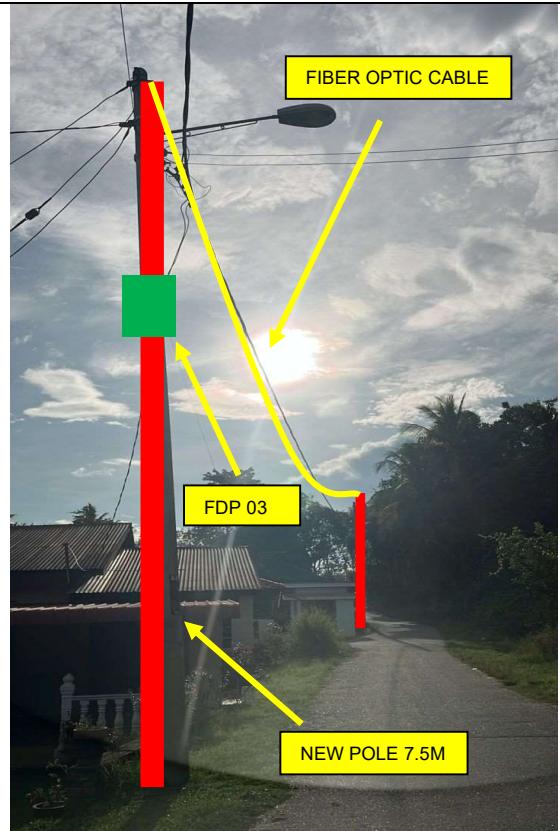
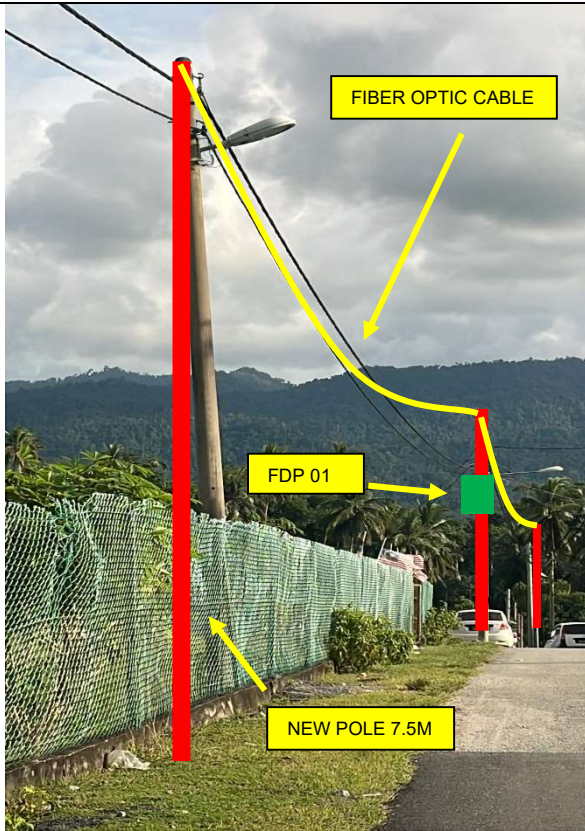
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(1399387-3)

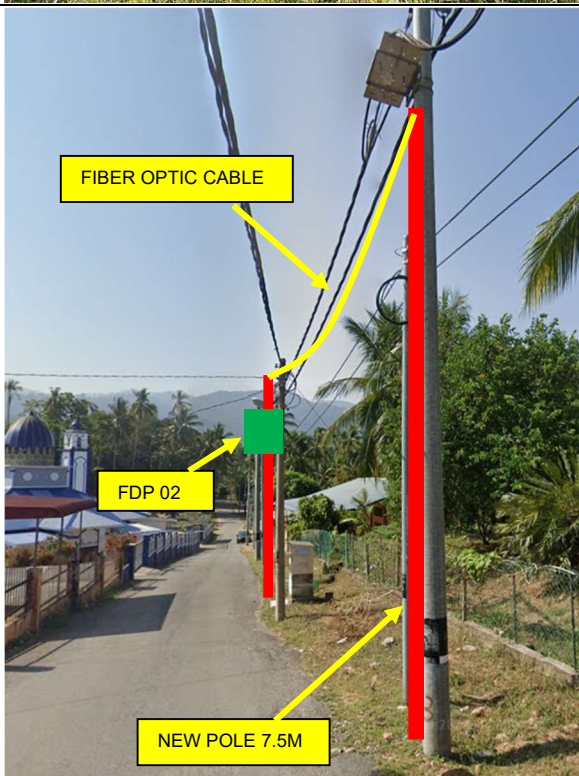
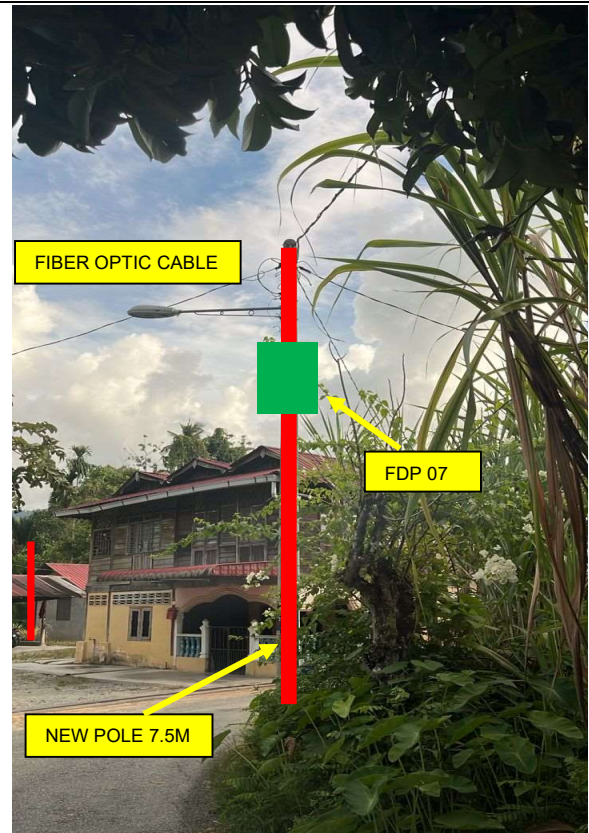
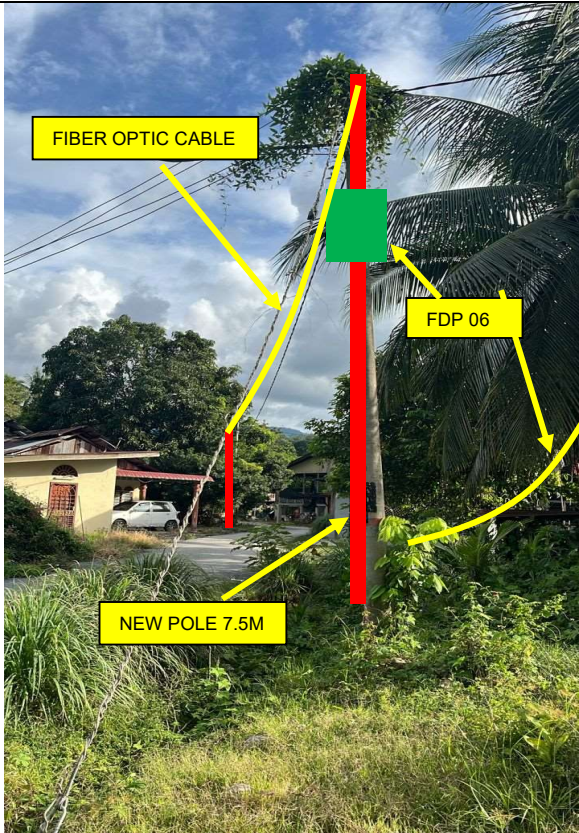
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
41	T041	40	5.134415	101.037457	Majlis Daerah Lenggong
42	T042	39	5.134415	101.037457	Majlis Daerah Lenggong
43	T043	38	5.134415	101.037457	Majlis Daerah Lenggong
44	T044	39	5.134415	101.037457	Majlis Daerah Lenggong
45	T045	40	5.134415	101.037457	Majlis Daerah Lenggong
46	T046	37	5.134415	101.037457	Majlis Daerah Lenggong
47	T047	37	5.134415	101.037457	Majlis Daerah Lenggong
48	T048	39	5.134415	101.037457	Majlis Daerah Lenggong
49	T049	38	5.134415	101.037457	Majlis Daerah Lenggong
50	T050	38	5.134984	101.037209	Majlis Daerah Lenggong
51	T051	36	5.134059	101.039061	Majlis Daerah Lenggong
52	T052	37	5.134415	101.037457	Majlis Daerah Lenggong
53	T01A	36	5.136975	101.034830	Majlis Daerah Lenggong
54	T04A	34	5.135652	101.035298	Majlis Daerah Lenggong

5.0 SITE PHOTOS - PROPOSED NEW POLE











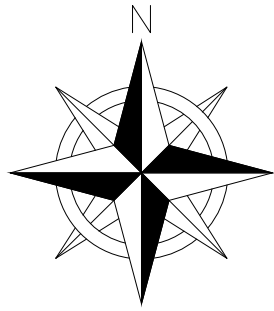
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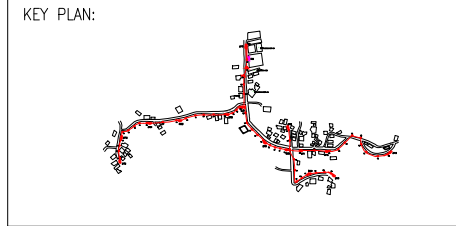
6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Lenggong	1820m
2	JKR Daerah Lenggong	-



	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	1820m		FDC	1		Installed Riser			New Manhole (PIT)			Temporary Infra (Meter)			FDC NO.		DP1 FDP NO.
	48C FOC			Closure	2		FDP with (1:8) splitter	14		New Manhole(JRC7)			FDP Boundary			MH NO.		
	96C FOC			Installed Pole (9m)			Suspension			Existing Manhole			HDD (Meter)			TKS-1 Existing TNB Pole NO.		
	144C FOC			Installed Pole (7.5m)			Tension			Loop / Coil (Meter)			Open Cut (Meter)			New Pole NO.		

ACTUAL HOMEPASS : 112



PROJECT OWNER:

KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR:

APEX COMMUNICATIONS SDN BHD
187475-V
PRIVASAT

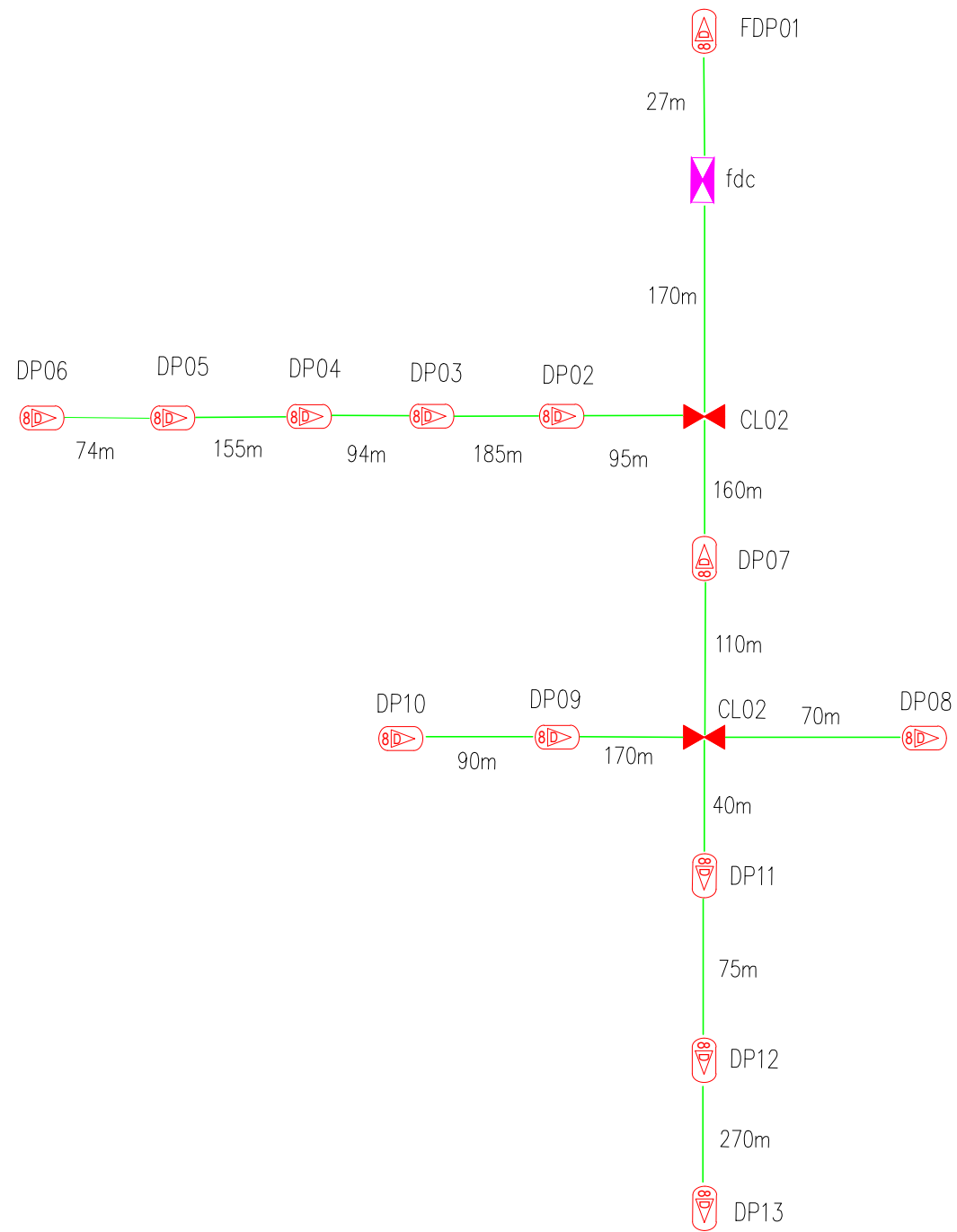
SUB-CONTRACTOR:

PROJECT TITLE:
CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 PROJECT (D-SIDE) - ABA7011 SK BUKIT SAPI

DRAWING TITLE:
CONSTRUCTION DRAWING - ABA7011 SK BUKIT SAPI

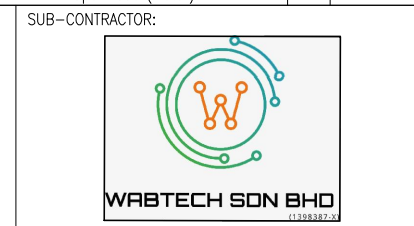
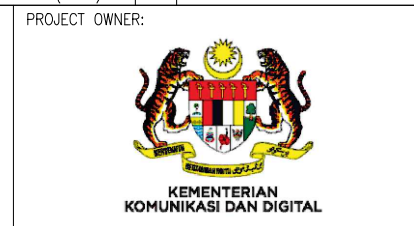
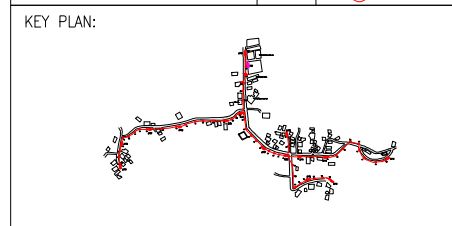
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	12C FOC		Installed 1:4 / 1:8 splitter		Existing TNB Pole			Pole Ring	13		Micro-Trenching (Meter)	#	Active Outdoor Numbering		CL01	Closure NO.
	24C FOC	1786m		1		Installed Riser		New Manhole (PIT)			Temporary Infra (Meter)	NBD#	FDC NO.		DP1	FDP NO.
	48C FOC			2		FDP with (1:8) splitter		New Manhole(JRC7)			FDP Boundary	MH1	MH NO.			
	96C FOC					Suspension		Existing Manhole			HDD (Meter)	TKS-1	Existing TNB Pole NO.			
	144C FOC					Tension		Loop / Coil (Meter)			Open Cut (Meter)	P001	New Pole NO.			

ACTUAL HOMEPASS : 104



PROJECT TITLE:
CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 PROJECT (D-SIDE) - ABA7011 SK BUKIT SAPI

DRAWING TITLE:
CONSTRUCTION DRAWING - ABA7011 SK BUKIT SAPI

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