

# TECHNICAL PROPOSAL

## ABA4043 - SEKOLAH KEBANGSAAN KAMPUNG MAAMOR (D-SIDE)

**Company Name** : ARATIMUR SDN BHD  
**Company Address** : A-08-13, 8<sup>th</sup> Floor, Block A, Radia Office, Persiaran Singgahsana, 40150 Bukit Jelutong, Shah Alam, Selangor.  
**Prepared By** : Muhammad Danieal Adikha Bin Zaidi  
**Date** : 03/01/2025



**Starting Point**

Site / Boundary Name : SK KAMPUNG MAAMOR  
 Address : Jalan SK Kampung Maamor, 31120 Sungai Siput , Perak  
 District : Kuala Kangsar  
 Postcode : 31120  
 State : Perak  
 GPS Coordinate : 4.918629, 101.052397  
 LRD : A

**End Point**

Site / Boundary Name : Kampung Makmur  
 Address : Jalan Kampung Makmor, 31120 Sungai Siput, Perak  
 District : Kuala Kangsar  
 Postcode : 31120  
 State : Perak  
 GPS Coordinate : 4.918679, 101.058921  
 LRD : B



PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASA 2: HAB 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))



## 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			0

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	2,065
2	Install New Pole	ea	59
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	19
6	Estimated Time Required for Completion	days	30



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## 2.0 LOCAL AUTHORITY SUMMARY

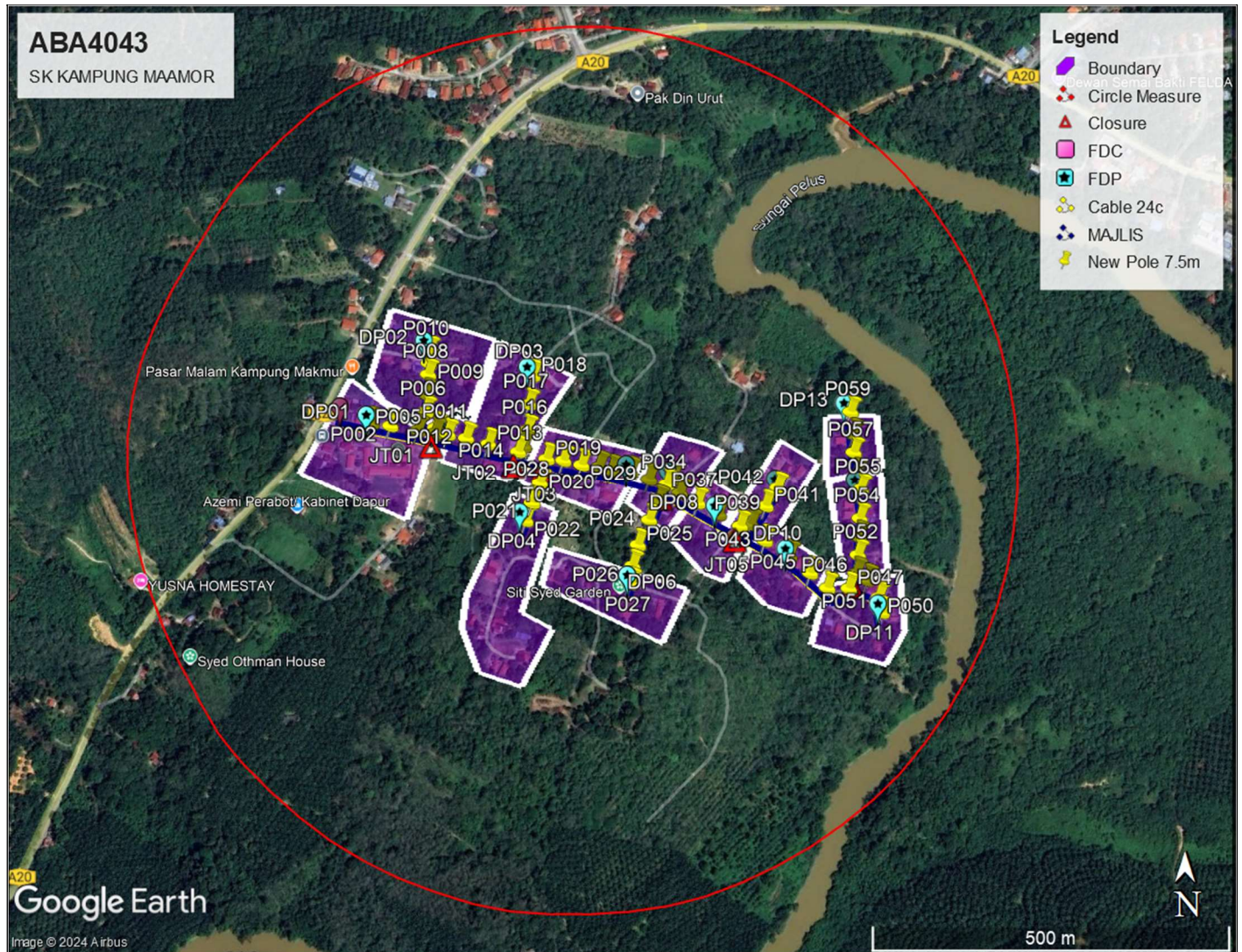
Daerah Kuala Kangsar

NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	-	-
		Majlis	-	-
		PDT	-	-
2	New Pole	JKR	-	-
		Majlis	59	2,065
		PDT	-	-
<b>Total Distance (m)</b>				<b>2,065</b>

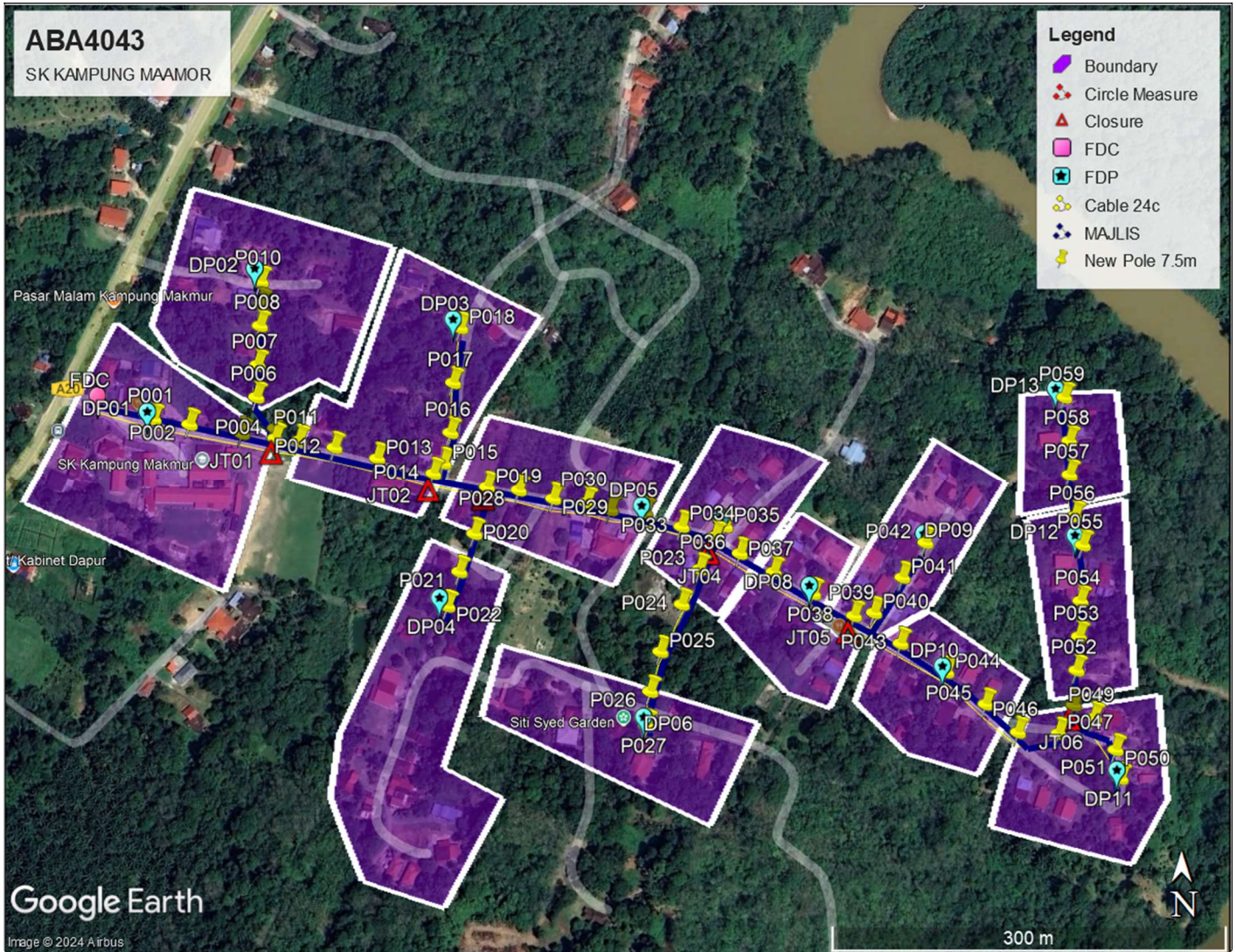
### 3.0 SITE PLAN (KMZ)

#### 3.1 Overview Site Area

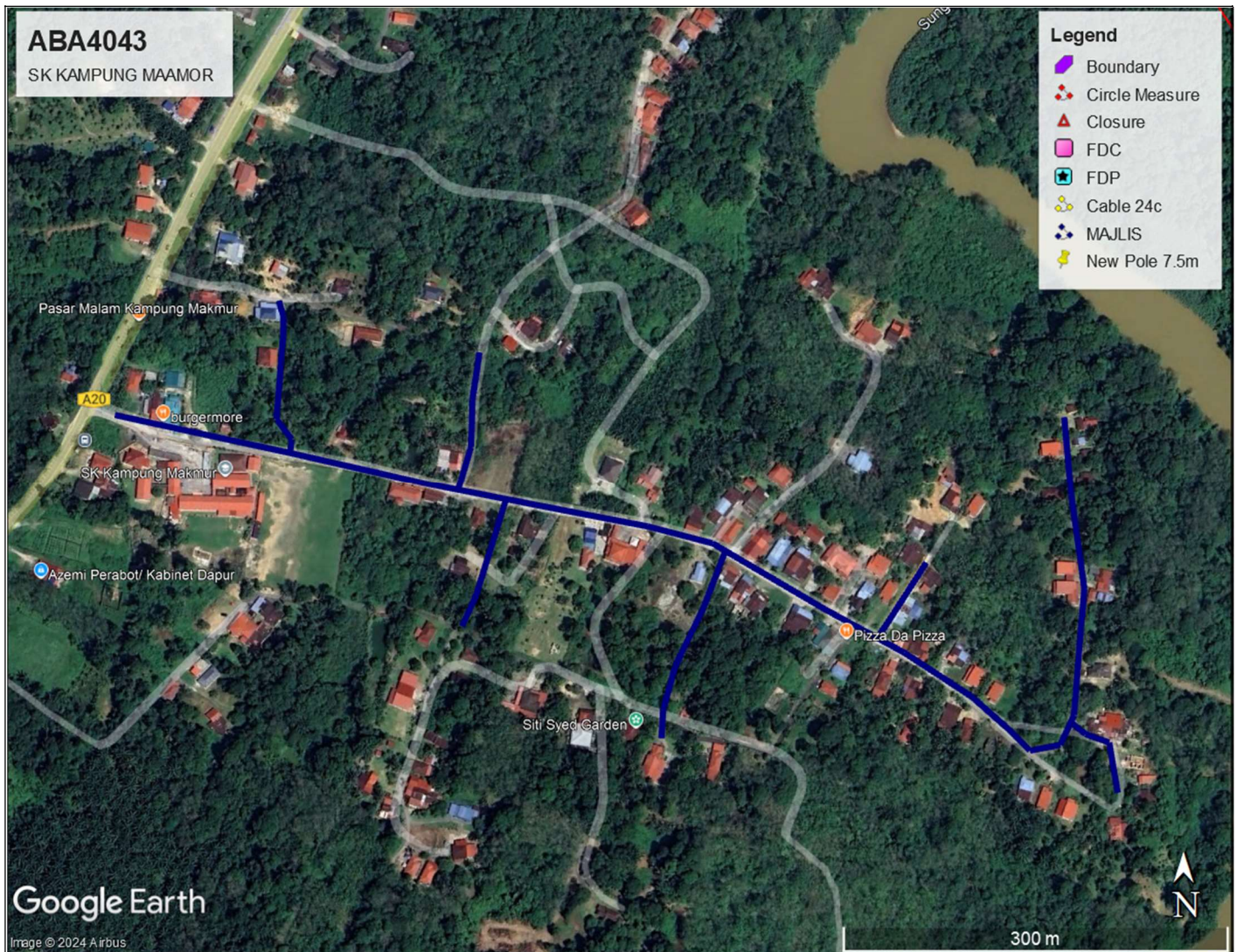
#### 3.2



**3.3** Site Boundary



### 3.3 Road Boundary



#### 4.0 PROPOSED NEW POLE

No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	P001	35	4.918544	101.052760	Majlis Daerah Kuala Kangsar
2	P002	35	4.918511	101.053003	Majlis Daerah Kuala Kangsar
3	P003	35	4.918443	101.053355	Majlis Daerah Kuala Kangsar
4	P004	35	4.918408	101.053582	Majlis Daerah Kuala Kangsar
5	P005	35	4.918473	101.053577	Majlis Daerah Kuala Kangsar
6	P006	35	4.918681	101.053458	Majlis Daerah Kuala Kangsar
7	P007	35	4.918892	101.053471	Majlis Daerah Kuala Kangsar
8	P008	35	4.919152	101.053493	Majlis Daerah Kuala Kangsar
9	P009	35	4.919294	101.053500	Majlis Daerah Kuala Kangsar
10	P010	35	4.919442	101.053497	Majlis Daerah Kuala Kangsar
11	P011	35	4.918389	101.053732	Majlis Daerah Kuala Kangsar
12	P012	35	4.918346	101.053968	Majlis Daerah Kuala Kangsar
13	P013	35	4.918272	101.054255	Majlis Daerah Kuala Kangsar
14	P014	35	4.918172	101.054639	Majlis Daerah Kuala Kangsar
15	P015	35	4.918241	101.054710	Majlis Daerah Kuala Kangsar
16	P016	35	4.918447	101.054758	Majlis Daerah Kuala Kangsar
17	P017	35	4.918783	101.054775	Majlis Daerah Kuala Kangsar
18	P018	35	4.919147	101.054826	Majlis Daerah Kuala Kangsar
19	P019	35	4.918908	101.055169	Majlis Daerah Kuala Kangsar
20	P020	35	4.917762	101.054924	Majlis Daerah Kuala Kangsar
21	P021	35	4.917513	101.054826	Majlis Daerah Kuala Kangsar
22	P022	35	4.917283	101.054744	Majlis Daerah Kuala Kangsar
23	P023	35	4.917527	101.056446	Majlis Daerah Kuala Kangsar
24	P024	35	4.917292	101.056326	Majlis Daerah Kuala Kangsar
25	P025	35	4.916973	101.056180	Majlis Daerah Kuala Kangsar
26	P026	35	4.916708	101.056111	Majlis Daerah Kuala Kangsar
27	P027	35	4.916486	101.056091	Majlis Daerah Kuala Kangsar
28	P028	35	4.918055	101.055224	Majlis Daerah Kuala Kangsar
29	P029	35	4.917998	101.055459	Majlis Daerah Kuala Kangsar
30	P030	35	4.917977	101.055685	Majlis Daerah Kuala Kangsar
31	P031	35	4.917561	101.056012	Majlis Daerah Kuala Kangsar
32	P032	35	4.917905	101.056082	Majlis Daerah Kuala Kangsar
33	P033	35	4.917708	101.056139	Majlis Daerah Kuala Kangsar
34	P034	35	4.917749	101.056554	Majlis Daerah Kuala Kangsar
35	P035	35	4.917816	101.056622	Majlis Daerah Kuala Kangsar
36	P036	35	4.917633	101.056721	Majlis Daerah Kuala Kangsar
37	P037	35	4.917509	101.056948	Majlis Daerah Kuala Kangsar
38	P038	35	4.917364	101.057218	Majlis Daerah Kuala Kangsar
39	P039	35	4.917217	101.057495	Majlis Daerah Kuala Kangsar
40	P040	35	4.917235	101.057630	Majlis Daerah Kuala Kangsar

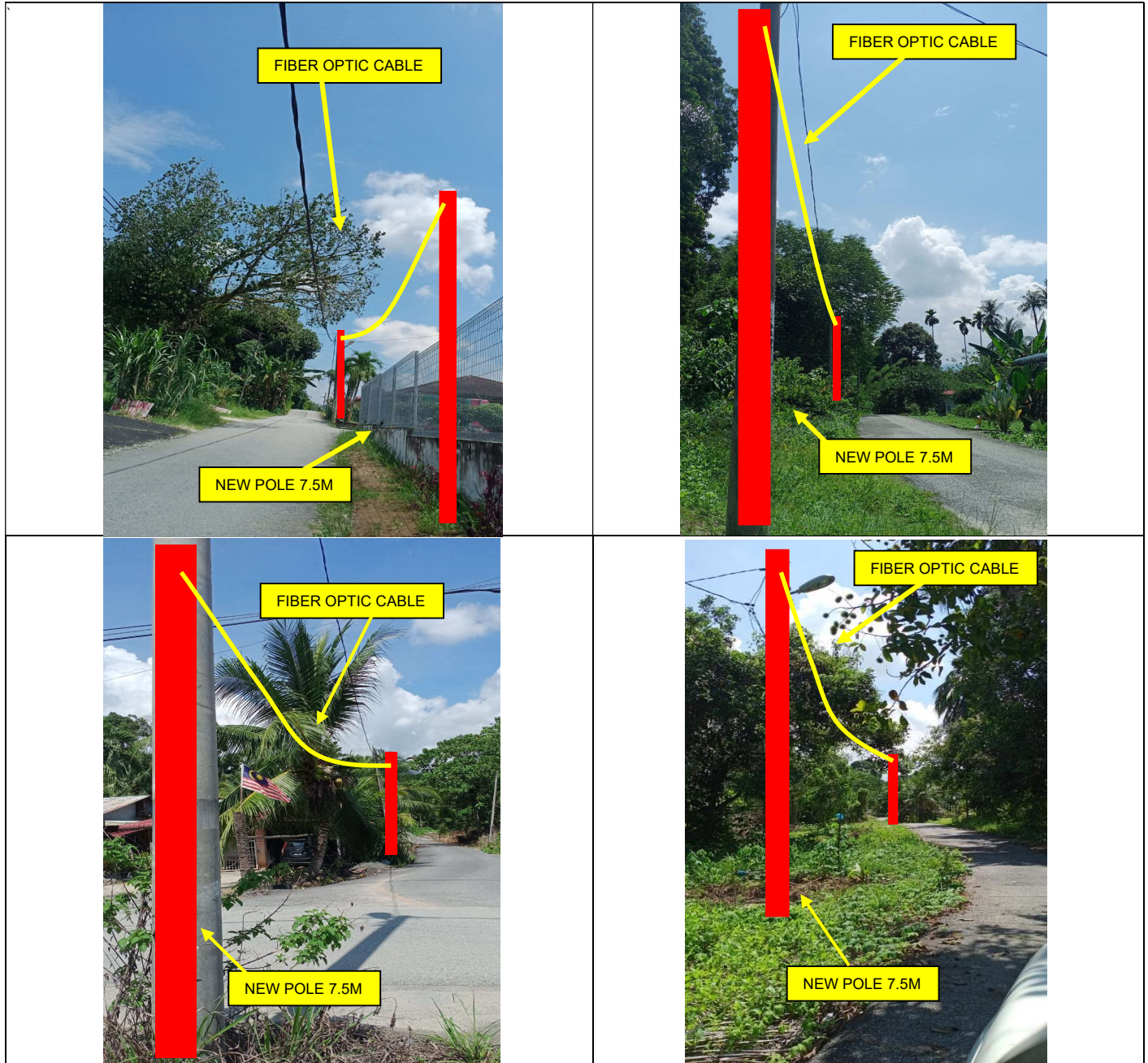


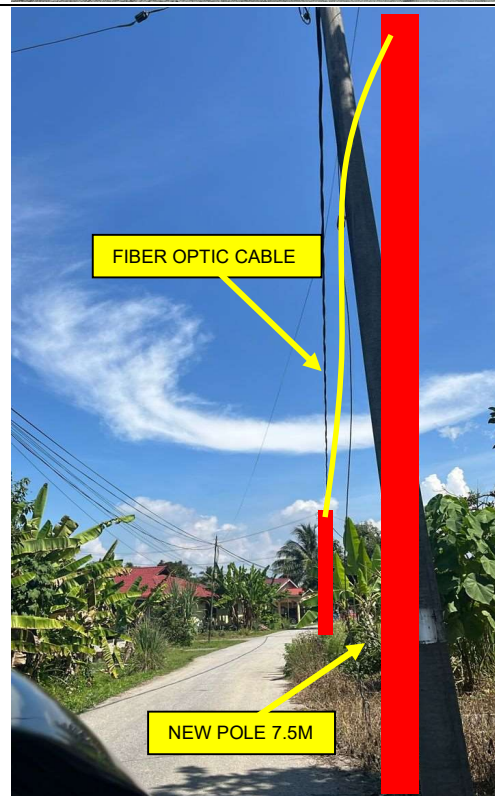
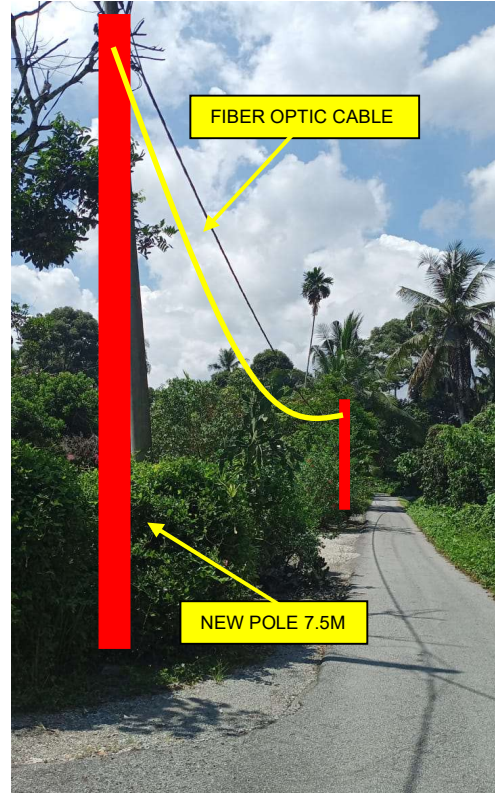
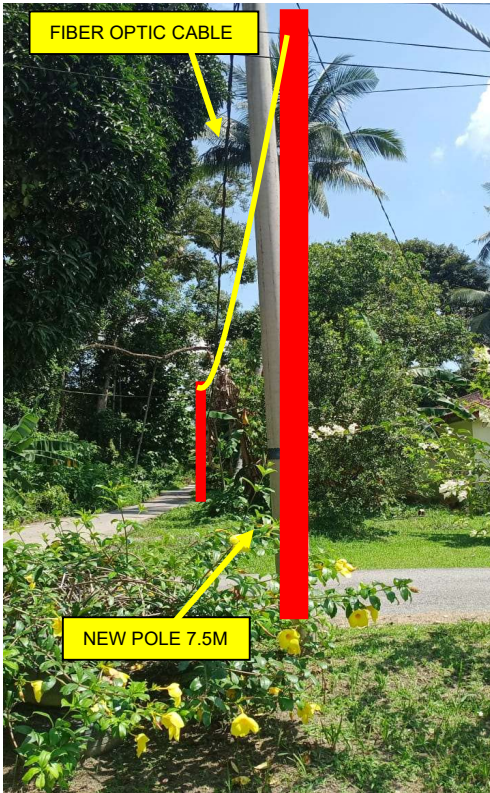
PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA (KKMM.400-11/17/132(1))

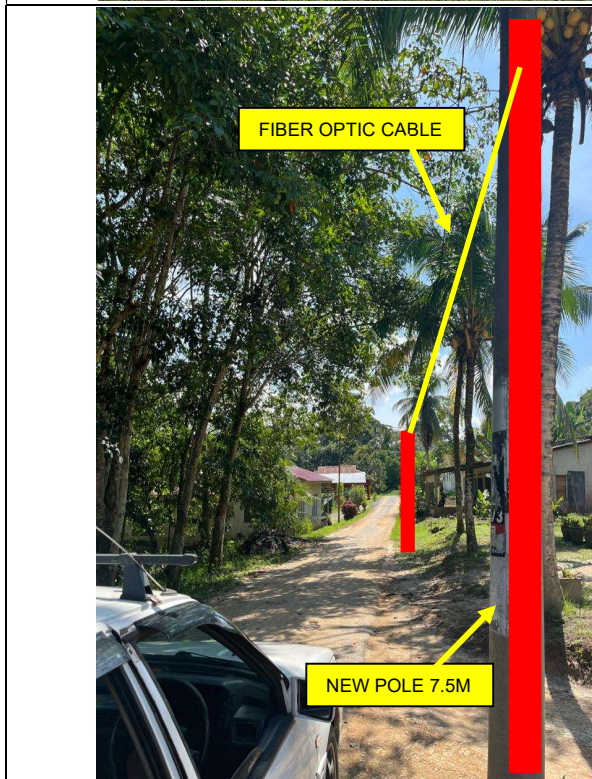
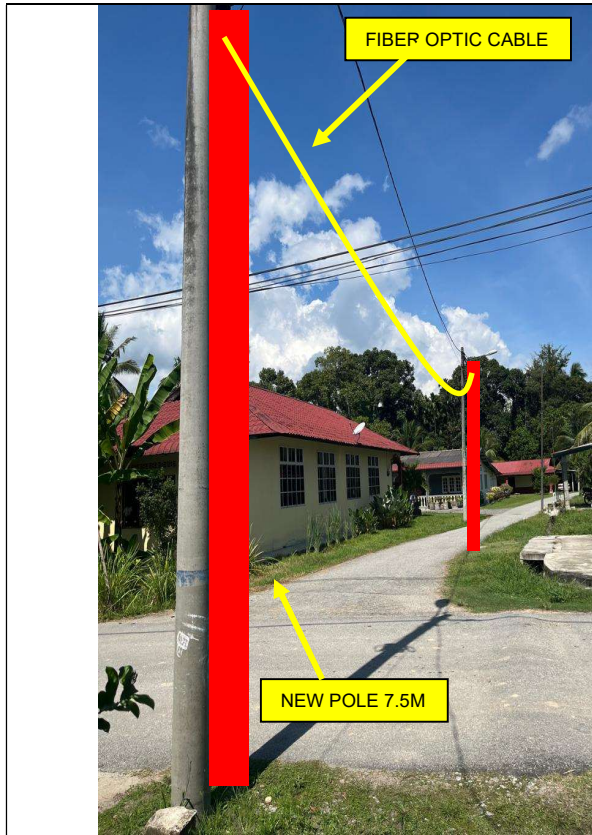


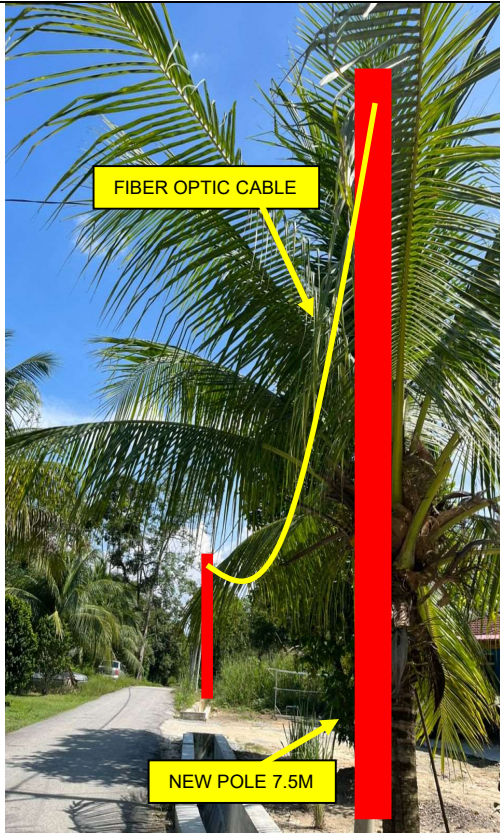
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
41	P041	35	4.926943	101.067642	Majlis Daerah Kuala Kangsar
42	P042	35	4.917702	101.057979	Majlis Daerah Kuala Kangsar
43	P043	35	4.924572	101.066369	Majlis Daerah Kuala Kangsar
44	P044	35	4.916839	101.058129	Majlis Daerah Kuala Kangsar
45	P045	35	4.921221	101.062979	Majlis Daerah Kuala Kangsar
46	P046	35	4.916435	101.058612	Majlis Daerah Kuala Kangsar
47	P047	35	4.916419	101.058884	Majlis Daerah Kuala Kangsar
48	P048	35	4.916608	101.058986	Majlis Daerah Kuala Kangsar
49	P049	35	4.916526	101.059122	Majlis Daerah Kuala Kangsar
50	P050	35	4.923719	101.064442	Majlis Daerah Kuala Kangsar
51	P051	35	4.916122	101.059309	Majlis Daerah Kuala Kangsar
52	P052	35	4.916844	101.059008	Majlis Daerah Kuala Kangsar
53	P053	35	4.924622	101.064760	Majlis Daerah Kuala Kangsar
54	P054	35	4.917318	101.059035	Majlis Daerah Kuala Kangsar
55	P055	35	4.917689	101.059049	Majlis Daerah Kuala Kangsar
56	P056	35	4.925056	101.063846	Majlis Daerah Kuala Kangsar
57	P057	35	4.918160	101.058963	Majlis Daerah Kuala Kangsar
58	P058	35	4.922029	101.061369	Majlis Daerah Kuala Kangsar
59	P059	35	4.918686	101.058927	Majlis Daerah Kuala Kangsar

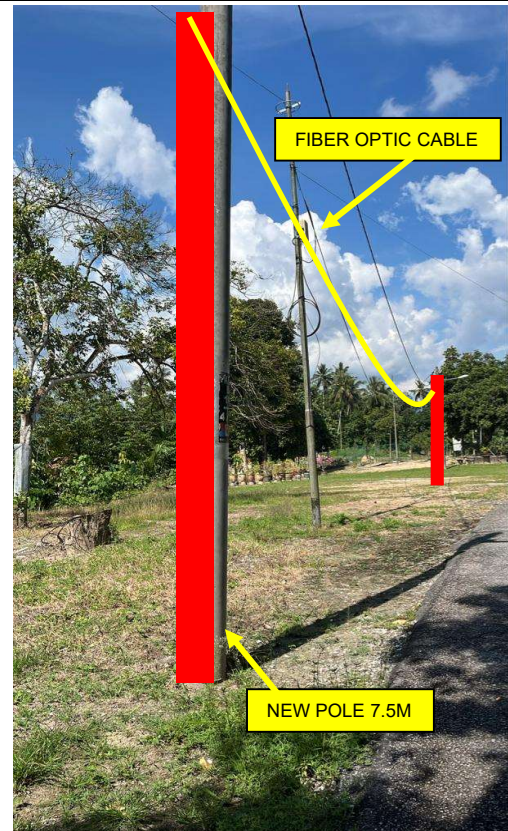
### 5.0 SITE PHOTOS - PROPOSED NEW POLE











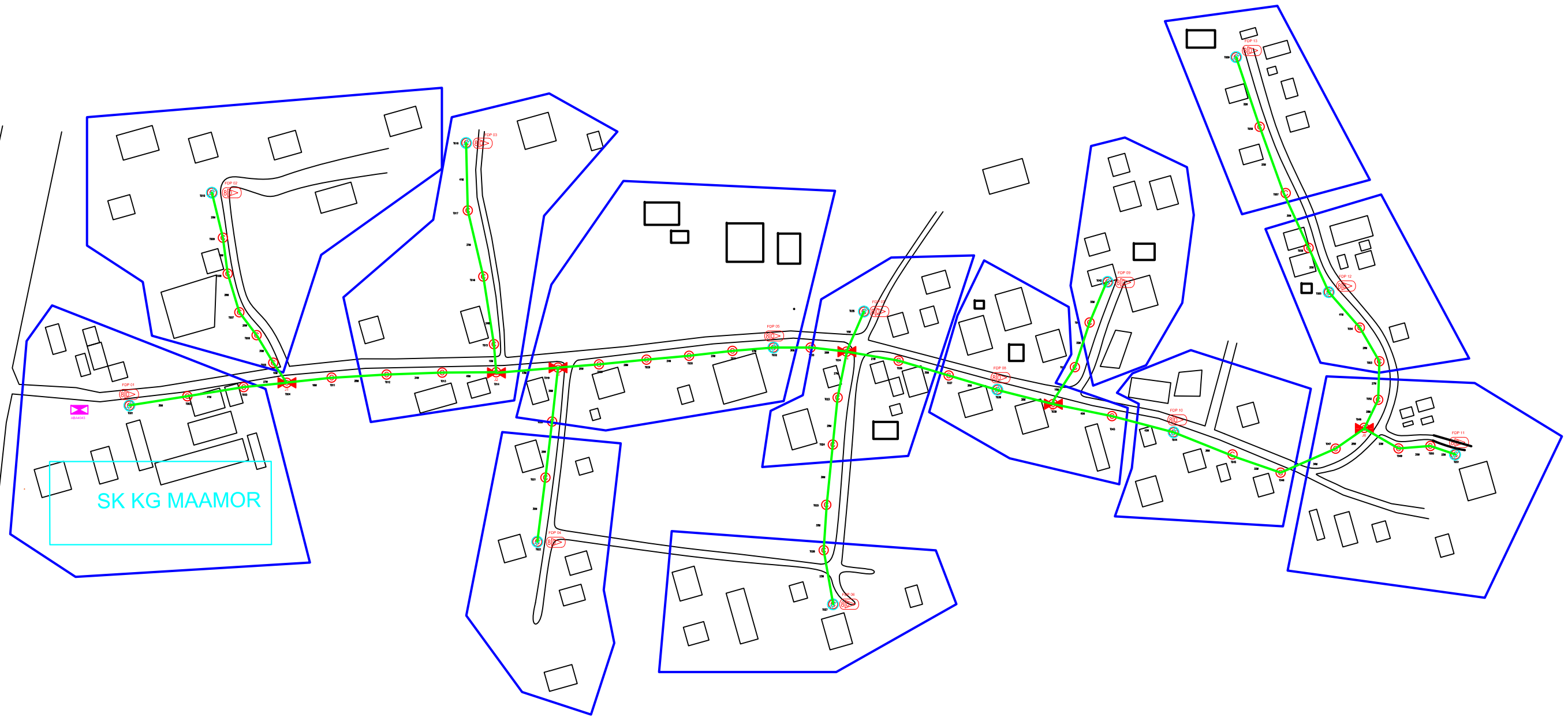
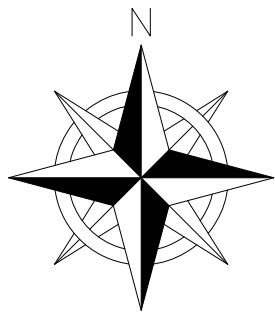


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## 6.0 3<sup>rd</sup> PARTIES DEPENDENCIES

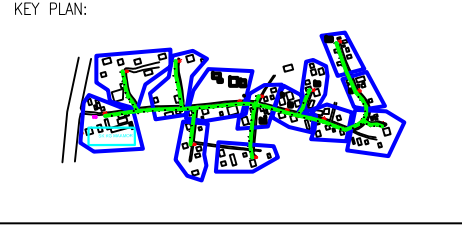
NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis	2,065m
2	JKR	-



SK KG MAAMOR

12C FOC	1884m	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)		Temporary Infra (Meter)	NBD#	FDC NO.	DP1	FDP NO.
48C FOC		Closure	FDP with (1:8) splitter	New Manhole(JRC7)	13	FDP Boundary	MH1	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)	P001	New Pole NO.		

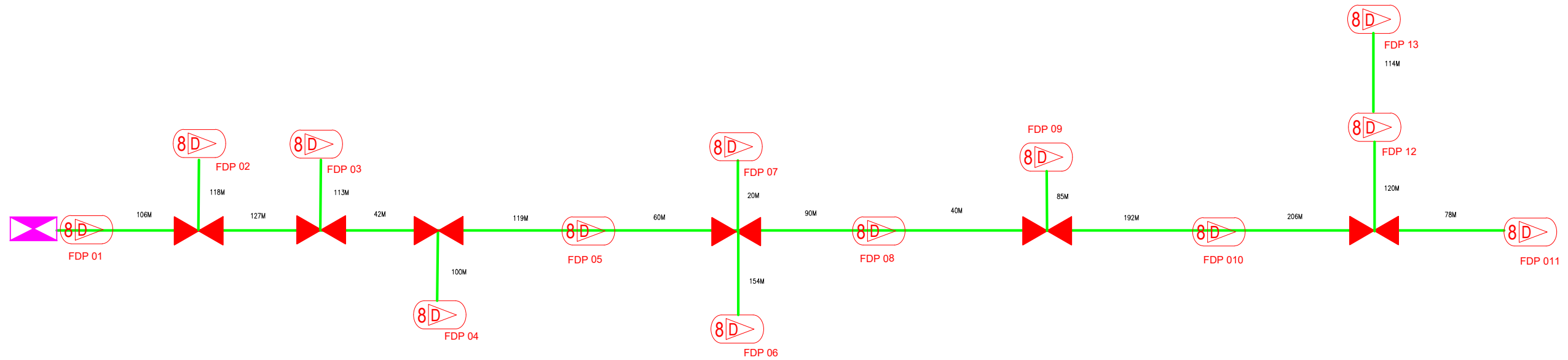
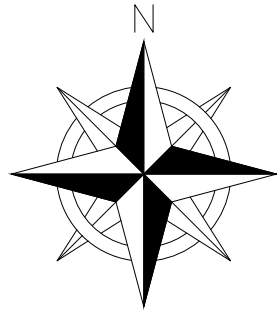
ACTUAL HOMEPASS : 104



PROJECT TITLE:  
 CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 PROJECT (D-SIDE) - ABA4043 - SK KG MAAMOR

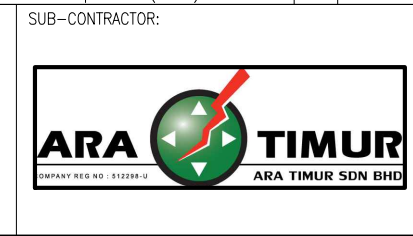
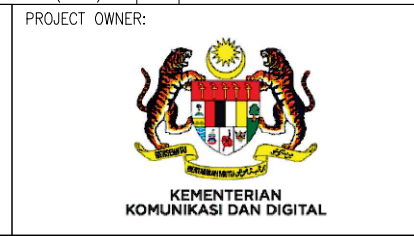
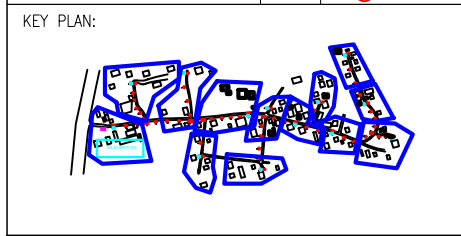
DRAWING TITLE:  
 CONSTRUCTION DRAWING -  
 PROJECT PHASE:  
 SK KG MAAMOR

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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	1884m FDC	1 Installed Riser	JB3C New Manhole (PIT)		Temporary Infra (Meter)	NBD#	FDC NO.	DP1	FDP NO.
48C FOC	Closure	6 FDP with (1:8) splitter	7C New Manhole(JRC7)		FDP Boundary	MH1	MH NO.		
96C FOC	Installed Pole (9m)	s Suspension	Existing Manhole		HDD (Meter)	TKS-1	Existing TNB Pole NO.		
144C FOC	Installed Pole (7.5m)	T 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 FTTH NETWORK INFRASTRUCTURE - POP 2 PROJECT (D-SIDE) - ABA4043 - SK KG MAAMOR

DRAWING TITLE:  
 CONSTRUCTION DRAWING -

PROJECT PHASE:  
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