

TECHNICAL PROPOSAL

POP2 AEA4142 SEKOLAH MENENGAH KEBANGSAAN BAWONG (D-SIDE)

Company Name : AraTimur Sdn Bhd
Company Address : A-08-13, 8th Floor, Block A, Radia Office, Persiaran Singgahsana, 40150
Bukit Jelutong, Shah Alam, Selangor.
Prepared By : Muhammad Danieal Adikha Bin Zaidi
Date : 16/11/2024



Starting Point

Site / Boundary Name : Sekolah Menengah Kebangsaan Bawong
Address : 31100 Sungai Siput, Perak.
District : Kuala Kangsar
Postcode : 31100
State : Perak
GPS Coordinate : 4.995236, 101.139545
LRD : A

End Point

Site / Boundary Name : Pulau Kamiri
Address : 31100 Sungai Siput, Perak.
District : Kuala Kangsar
Postcode : 31100
State : Perak
GPS Coordinate : 4.997520, 101.143161
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	31
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	1751
2	Install New Pole	ea	45
3	Install New JRC7 Manhole	ea	2
4	Install GI Riser 50mm	ea	2
5	Install Fiber Distribution Point and Closure (Splicing, Termination and Testing)	ea	13
6	Install Joint Closure	ea	3
7	Estimated Time Required for Completion	days	30



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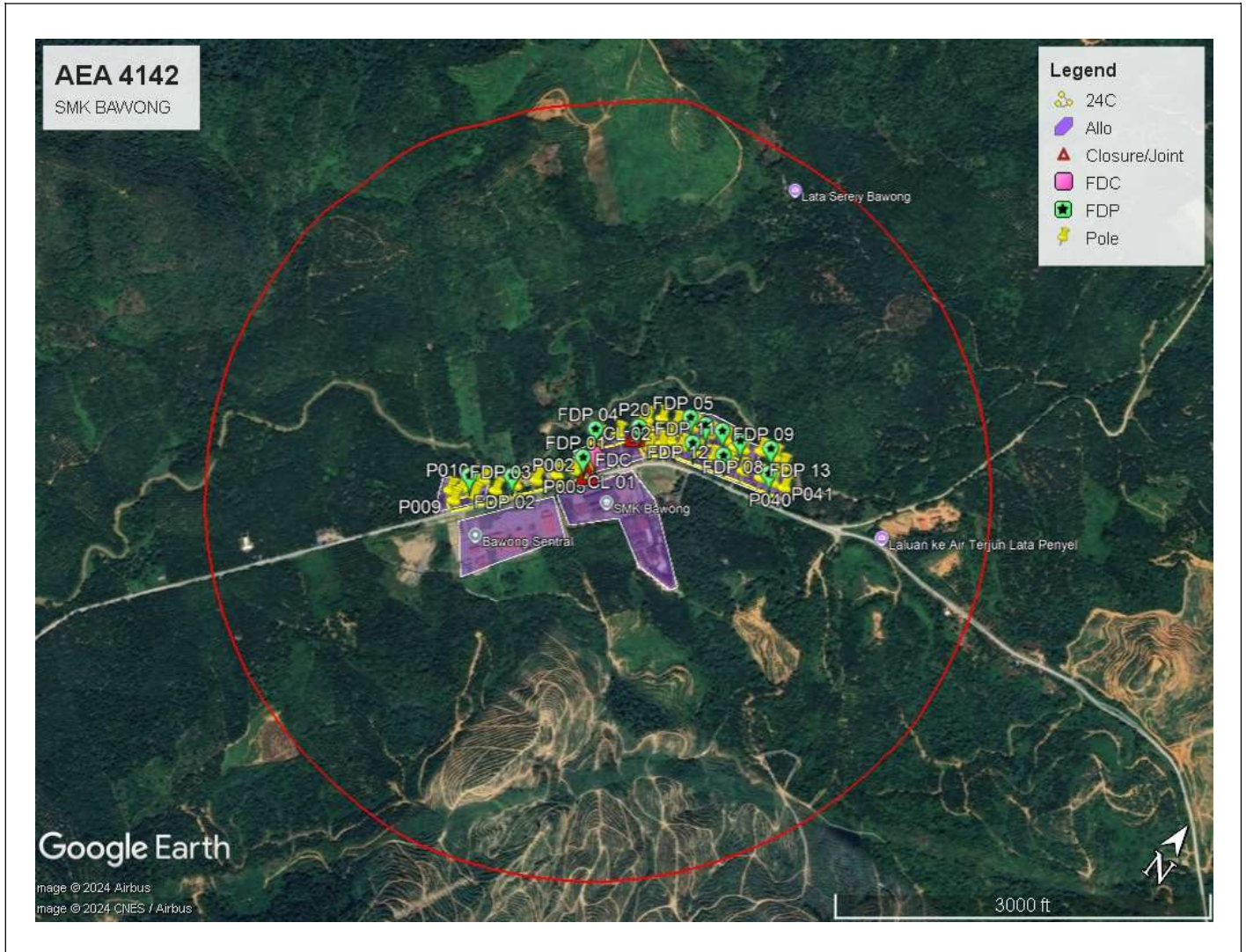
2.0 LOCAL AUTHORITY SUMMARY

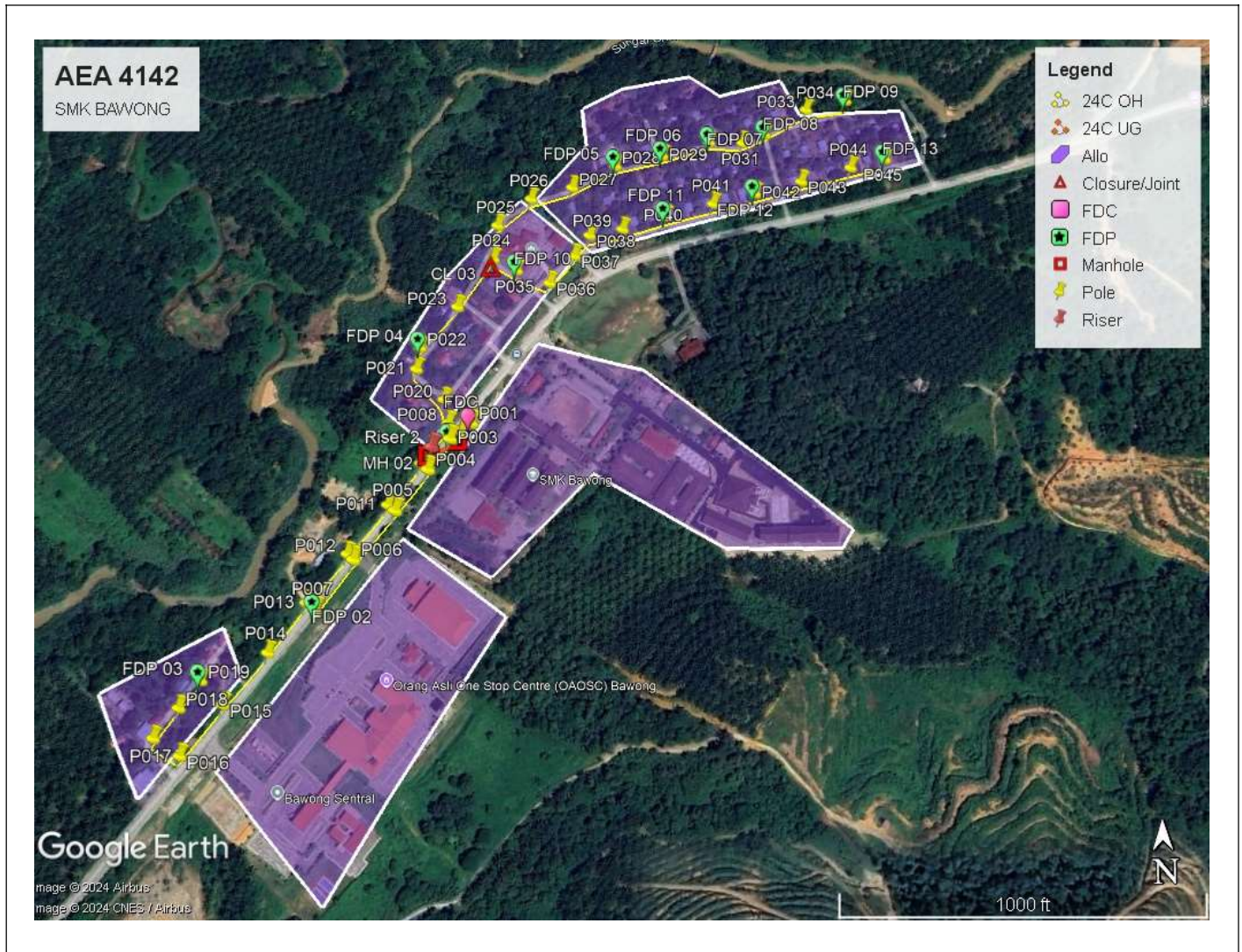
Daerah Kuala Kangsar

NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	1	31
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	16	608
		Majlis	29	1112
		Estate / Private Land	-	-
Total Distance (m)				1751

3.0 SITE PLAN (KMZ)

3.1 Overview Site Area

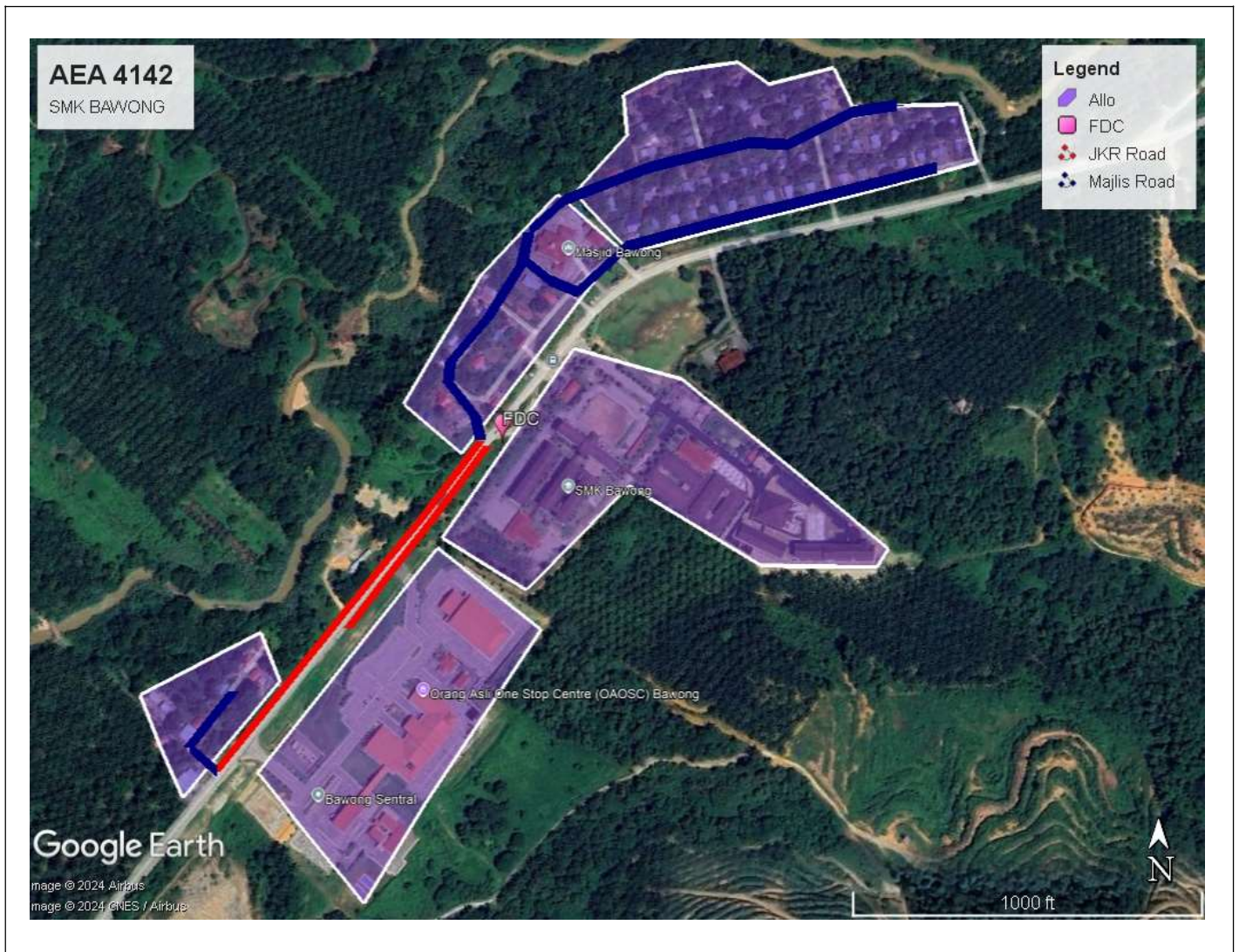




3.2 Site Plan - KMZ Routing (All Local Authority)

Red Colour - JKR Road

Blue Colour - Majlis Road



4.0 PROPOSED NEW POLE

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	P001 (FDC)	0	4.995236	101.139545	JKR Daerah Kuala Kangsar
2	P002	13	4.995169	101.139465	JKR Daerah Kuala Kangsar
3	P003	13	4.995106	101.139367	JKR Daerah Kuala Kangsar
4	P004	36	4.994848	101.139185	JKR Daerah Kuala Kangsar
5	P005	48	4.994504	101.138918	JKR Daerah Kuala Kangsar
6	P006	58	4.994101	101.138590	JKR Daerah Kuala Kangsar
7	P007	56	4.993703	101.138281	JKR Daerah Kuala Kangsar
8	P008	28	4.995249	101.139355	JKR Daerah Kuala Kangsar
9	P009	31	4.995045	101.139216	JKR Daerah Kuala Kangsar
10	P010	20	4.994910	101.139126	JKR Daerah Kuala Kangsar
11	P011	49	4.994562	101.138858	JKR Daerah Kuala Kangsar
12	P012	58	4.994157	101.138540	JKR Daerah Kuala Kangsar
13	P013	58	4.993767	101.138207	JKR Daerah Kuala Kangsar
14	P014	55	4.993371	101.137907	JKR Daerah Kuala Kangsar
15	P015	58	4.992968	101.137563	JKR Daerah Kuala Kangsar
16	P016	58	4.992574	101.137246	JKR Daerah Kuala Kangsar
17	P017	29	4.992716	101.137030	Majlis Perbandaran Kuala Kangsar
18	P018	35	4.992949	101.137222	Majlis Perbandaran Kuala Kangsar
19	P019	28	4.993161	101.137380	Majlis Perbandaran Kuala Kangsar
20	P020	24	4.995449	101.139319	Majlis Perbandaran Kuala Kangsar
21	P021	40	4.995715	101.139088	Majlis Perbandaran Kuala Kangsar
22	P022	22	4.995902	101.139116	Majlis Perbandaran Kuala Kangsar
23	P023	51	4.996261	101.139430	Majlis Perbandaran Kuala Kangsar
24	P024	56	4.996682	101.139739	Majlis Perbandaran Kuala Kangsar
25	P025	34	4.996982	101.139775	Majlis Perbandaran Kuala Kangsar
26	P026	44	4.997222	101.140066	Majlis Perbandaran Kuala Kangsar
27	P027	40	4.997317	101.140426	Majlis Perbandaran Kuala Kangsar
28	P028	45	4.997510	101.140805	Majlis Perbandaran Kuala Kangsar
29	P029	47	4.997591	101.141217	Majlis Perbandaran Kuala Kangsar
30	P030	48	4.997705	101.141630	Majlis Perbandaran Kuala Kangsar
31	P031	32	4.997696	101.141923	Majlis Perbandaran Kuala Kangsar
32	P032	25	4.997771	101.142121	Majlis Perbandaran Kuala Kangsar
33	P033	47	4.997988	101.142490	Majlis Perbandaran Kuala Kangsar
34	P034	37	4.998060	101.142838	Majlis Perbandaran Kuala Kangsar
35	P035	26	4.996576	101.139937	Majlis Perbandaran Kuala Kangsar

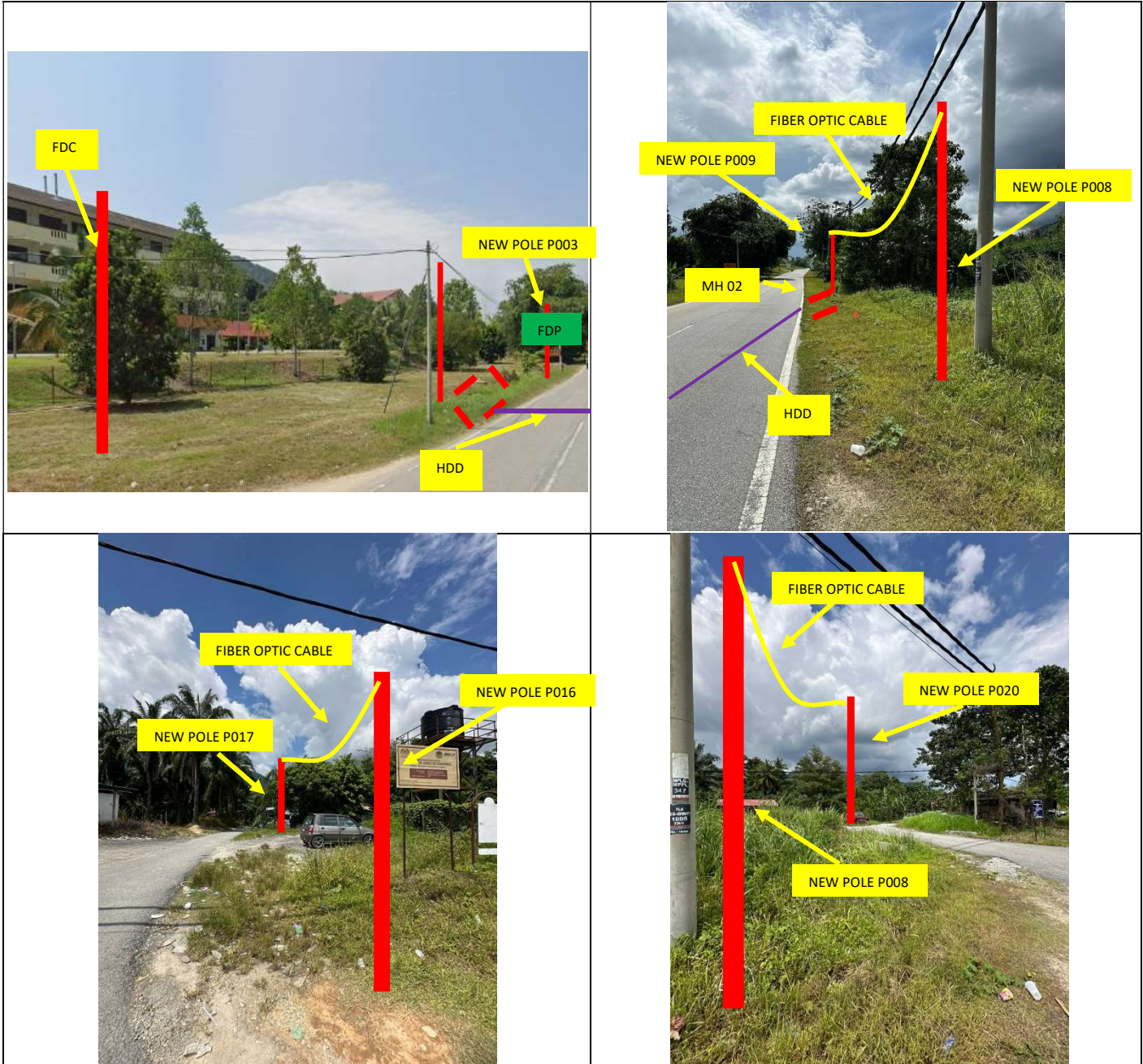


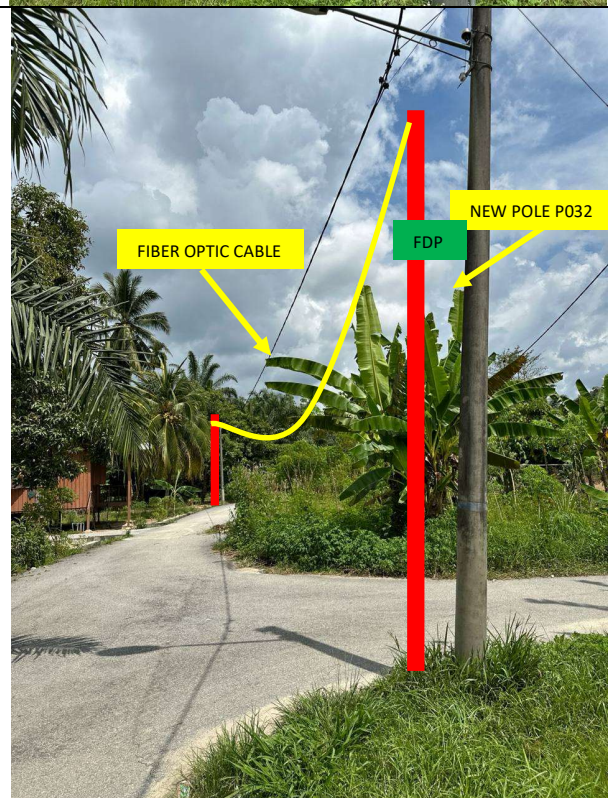
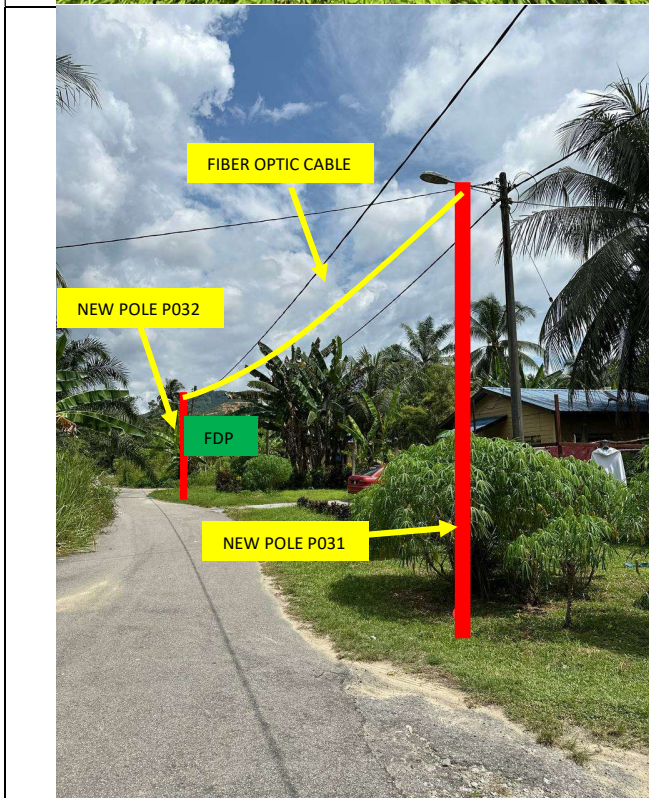
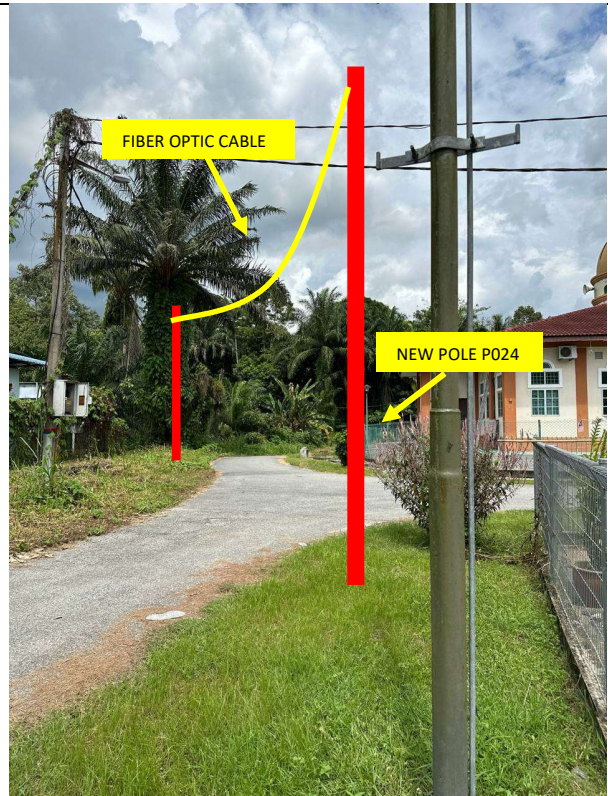
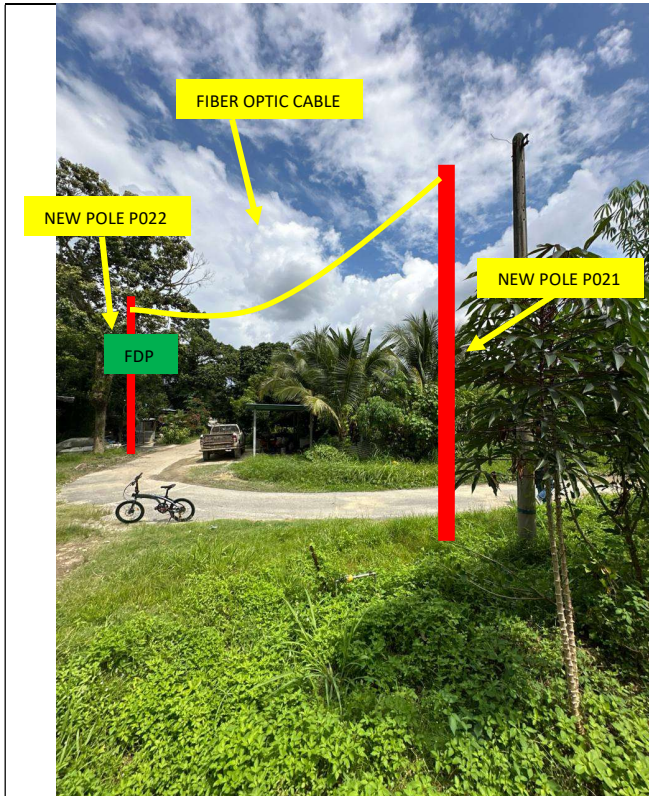
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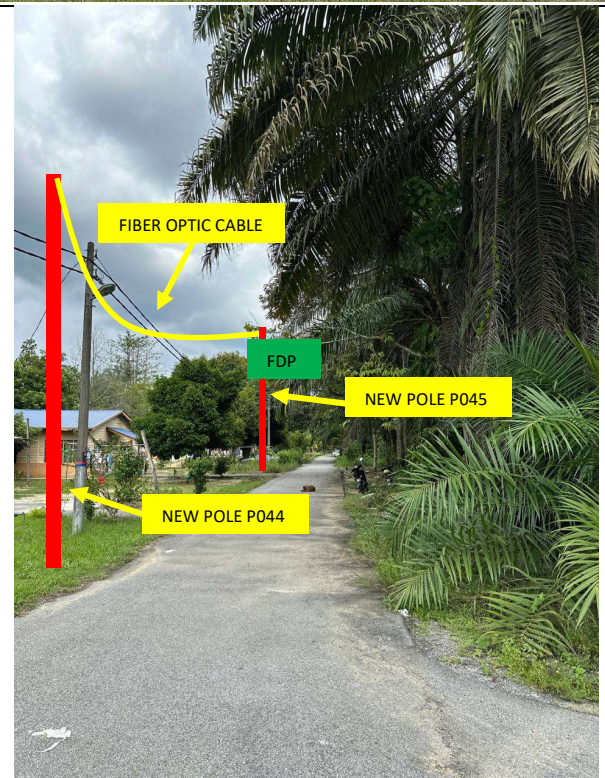
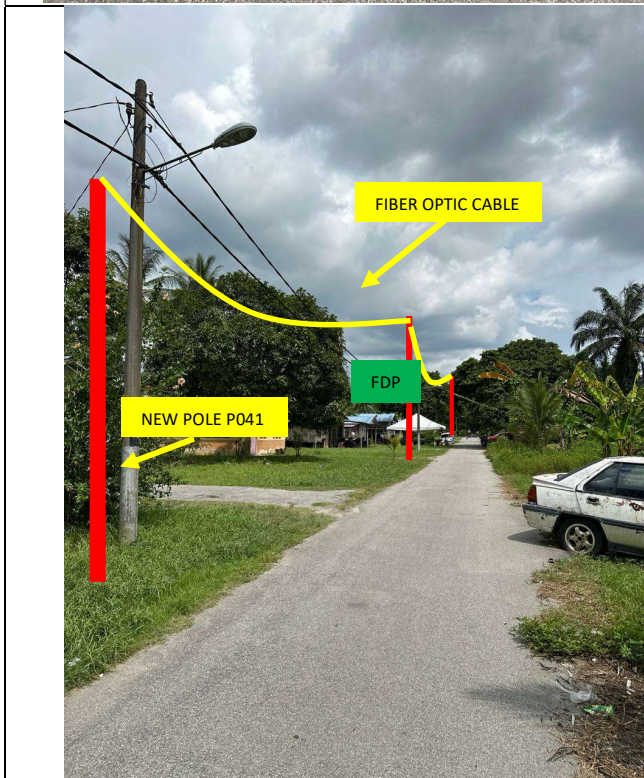
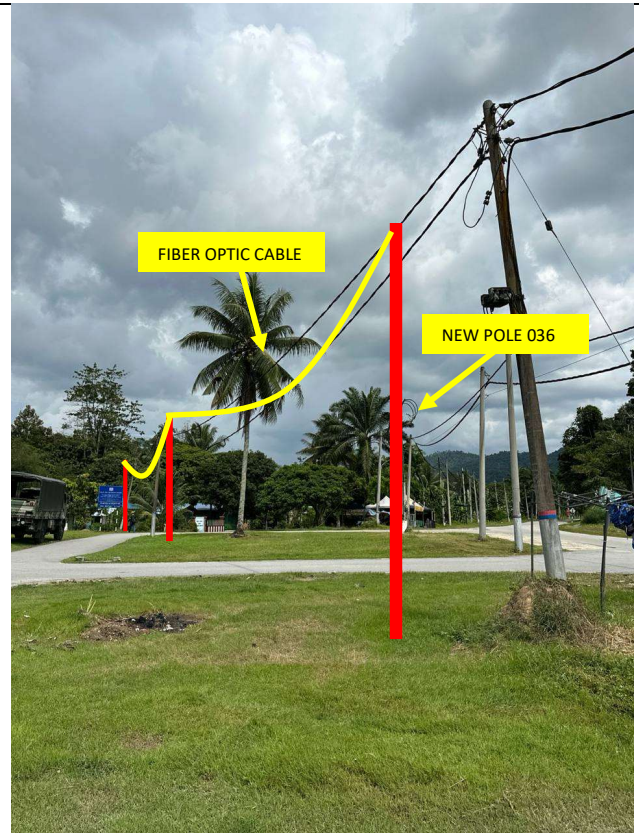
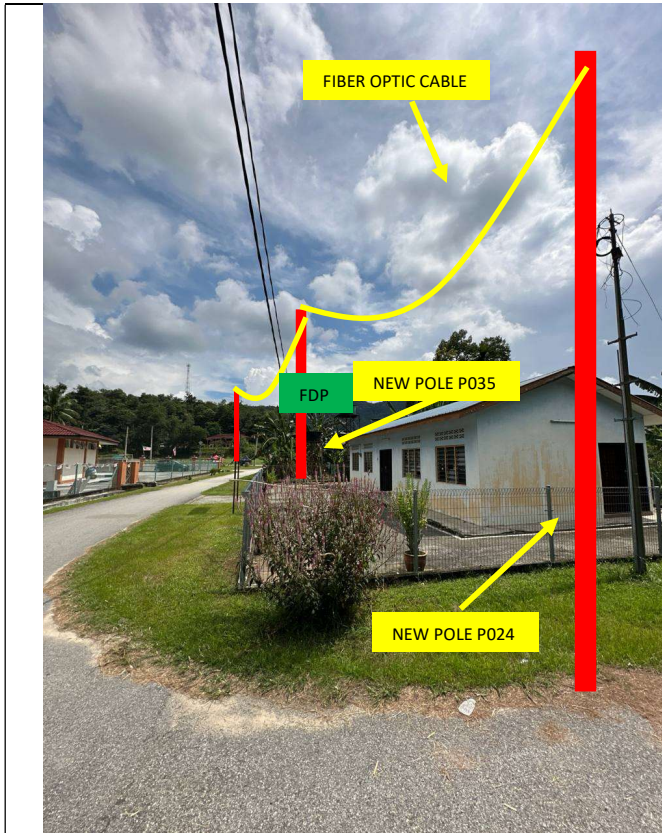


36	P036	34	4.996458	101.140220	Majlis Perbandaran Kuala Kangsar
37	P037	37	4.996699	101.140435	Majlis Perbandaran Kuala Kangsar
38	P038	28	4.996881	101.140571	Majlis Perbandaran Kuala Kangsar
39	P039	35	4.996927	101.140856	Majlis Perbandaran Kuala Kangsar
40	P040	42	4.997031	101.141229	Majlis Perbandaran Kuala Kangsar
41	P041	49	4.997139	101.141647	Majlis Perbandaran Kuala Kangsar
42	P042	42	4.997233	101.142016	Majlis Perbandaran Kuala Kangsar
43	P043	50	4.997338	101.142426	Majlis Perbandaran Kuala Kangsar
44	P044	50	4.997452	101.142860	Majlis Perbandaran Kuala Kangsar
45	P045	35	4.997520	101.143161	Majlis Perbandaran Kuala Kangsar

5.0 SITE PHOTOS - PROPOSED NEW POLE







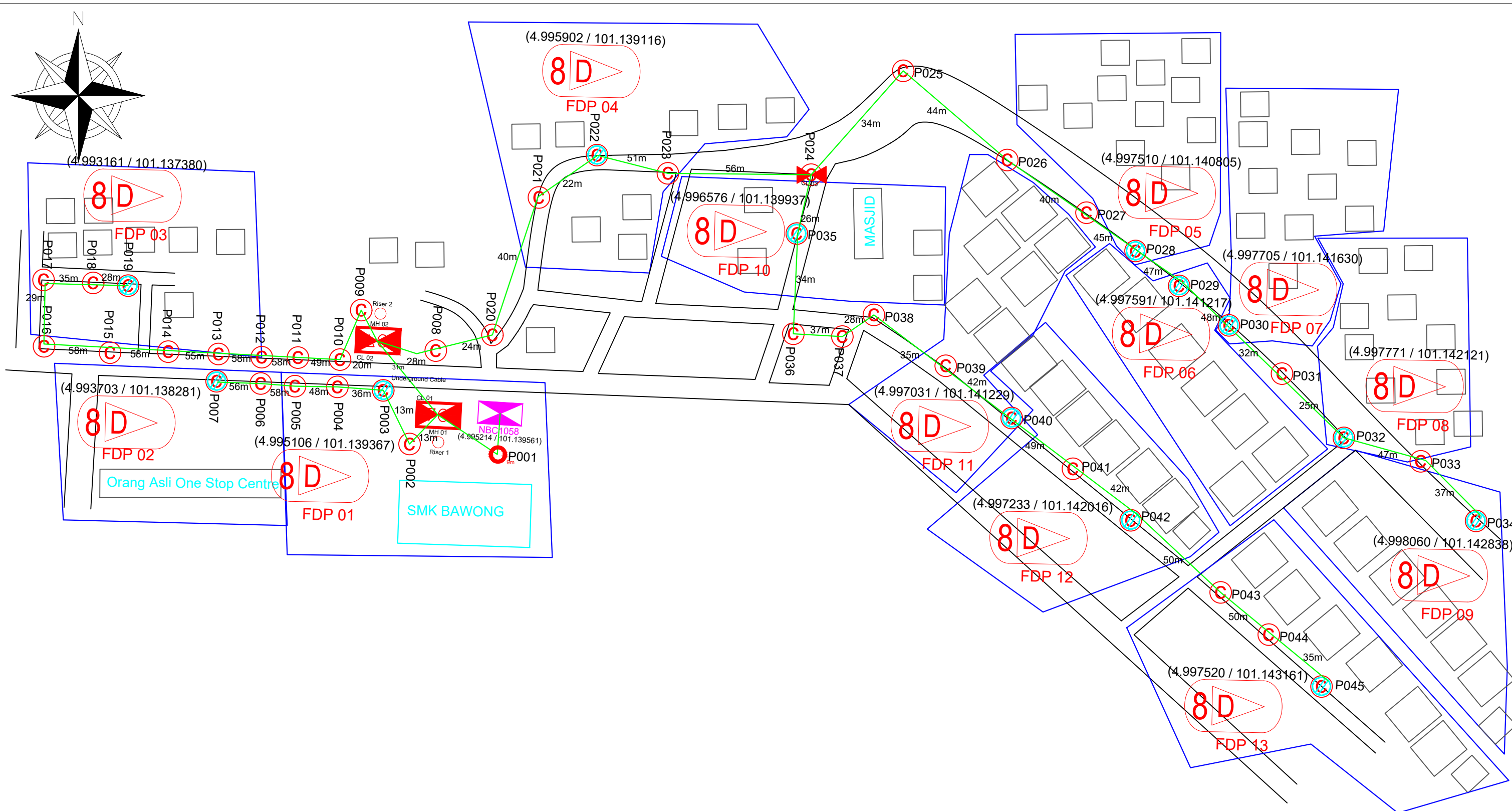
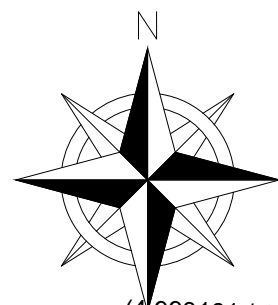


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(KKMM.400-11/17/132(1))



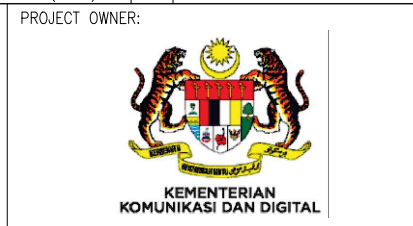
6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Perbandaran Kuala Kangsar	1112 m
2	JKR Daerah Kuala Kangsar	639 m



12C FOC	Installed 1:4 / 1:8 splitter	Existing TNB Pole	Pole Ring	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)	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 :

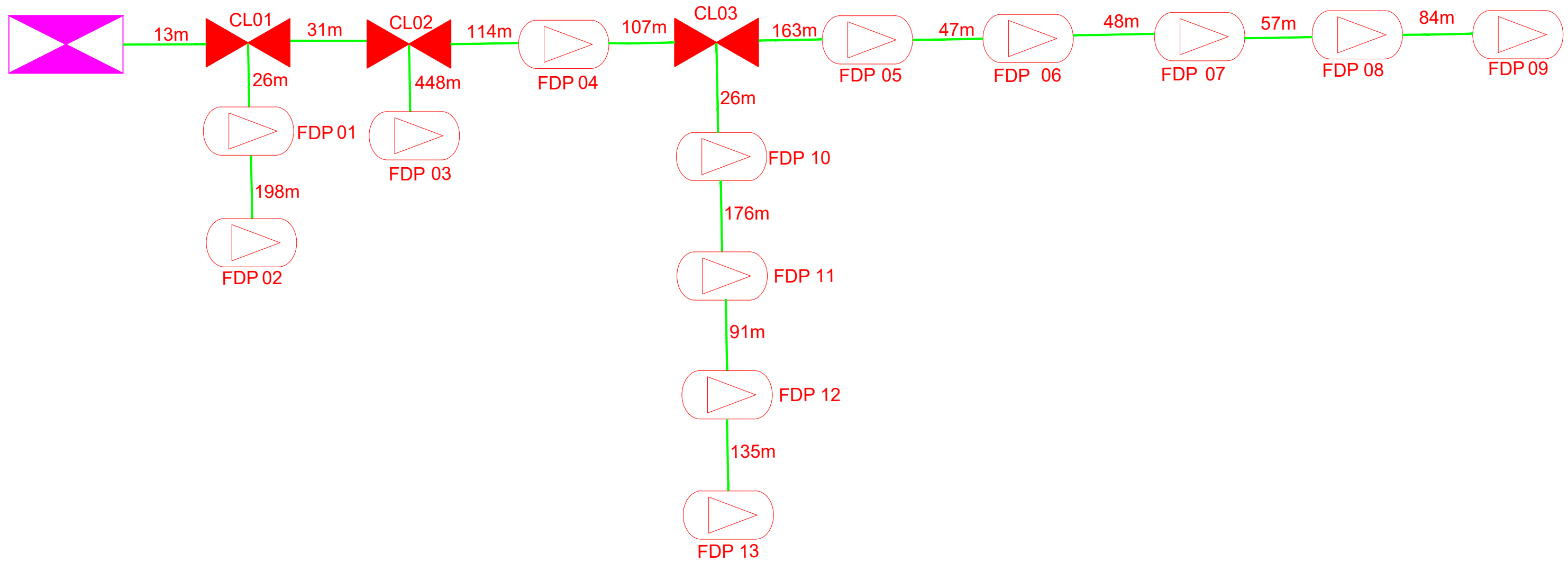


PROJECT TITLE:
CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 PROJECT (D-SIDE) - AEA4142 - SMK BAWONG

DRAWING TITLE:
CONSTRUCTION DRAWING - SMK BAWONG

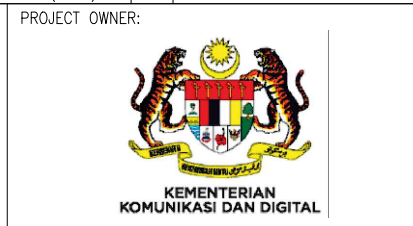
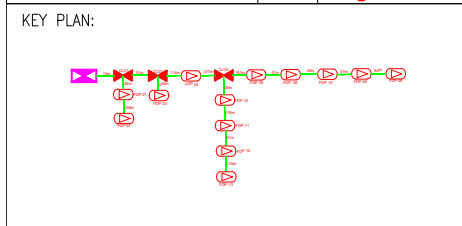
PROJECT PHASE:

Design By : M.DANIEL ADIKHA	Date : 26 NOVEMBER 2024
Drawn By : M.DANIEL ADIKHA	Scale :
Checked By :	Job Number :
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Size :	



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	1751m	FDC	1	Installed Riser	2	JB3C	New Manhole (PIT)	NBD#	FDC NO.
48C FOC		Closure	3	FDP with (1:8) splitter	13	7C	New Manhole(JRC7)	MH1	MH NO.
96C FOC		Installed Pole (9m)	1	Suspension			Existing Manhole	TKS-1	Existing TNB Pole NO.
144C FOC		Installed Pole (7.5m)	44	Tension			Loop / Coil (Meter)	P001	New Pole NO.

ACTUAL HOMEPASS :



PROJECT TITLE:
 CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 PROJECT (D-SIDE) - AEA4142 - SMK BAWONG

DRAWING TITLE:
 CONSTRUCTION DRAWING - SMK BAWONG

PROJECT PHASE:

Design By : M.DANIEAL ADIKHA	Date : 26 NOVEMBER 2024
Drawn By : M.DANIEAL ADIKHA	Scale :
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