

TECHNICAL PROPOSAL

POP2 ABD4118 SEKOLAH JENIS KEBANGSAAN (TAMIL) LADANG ELPHIL (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 : 29/11/2024



Starting Point

Site / Boundary Name : Sekolah Jenis Kebangsaan (Tamil) Ladang Elphil
 Address : 31100 Sungai Siput, Perak.
 District : Kuala Kangsar
 Postcode : 31100
 State : Perak
 GPS Coordinate : 4.886613, 101.101190
 LRD : A

End Point

Site / Boundary Name : Sime Darby Plantation Ladang Elphil
 Address : 31100 Sungai Siput, Perak.
 District : Kuala Kangsar
 Postcode : 31100
 State : Perak
 GPS Coordinate : 4.885460, 101.098966
 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	2431
2	Install New Pole	ea	78
3	Install New JRC7 Manhole	ea	0
4	Install GI Riser 50mm	ea	0
5	Install Fiber Distribution Point	ea	14
6	Install Joint Closure	ea	6
7	Estimated Time Required for Completion	days	30



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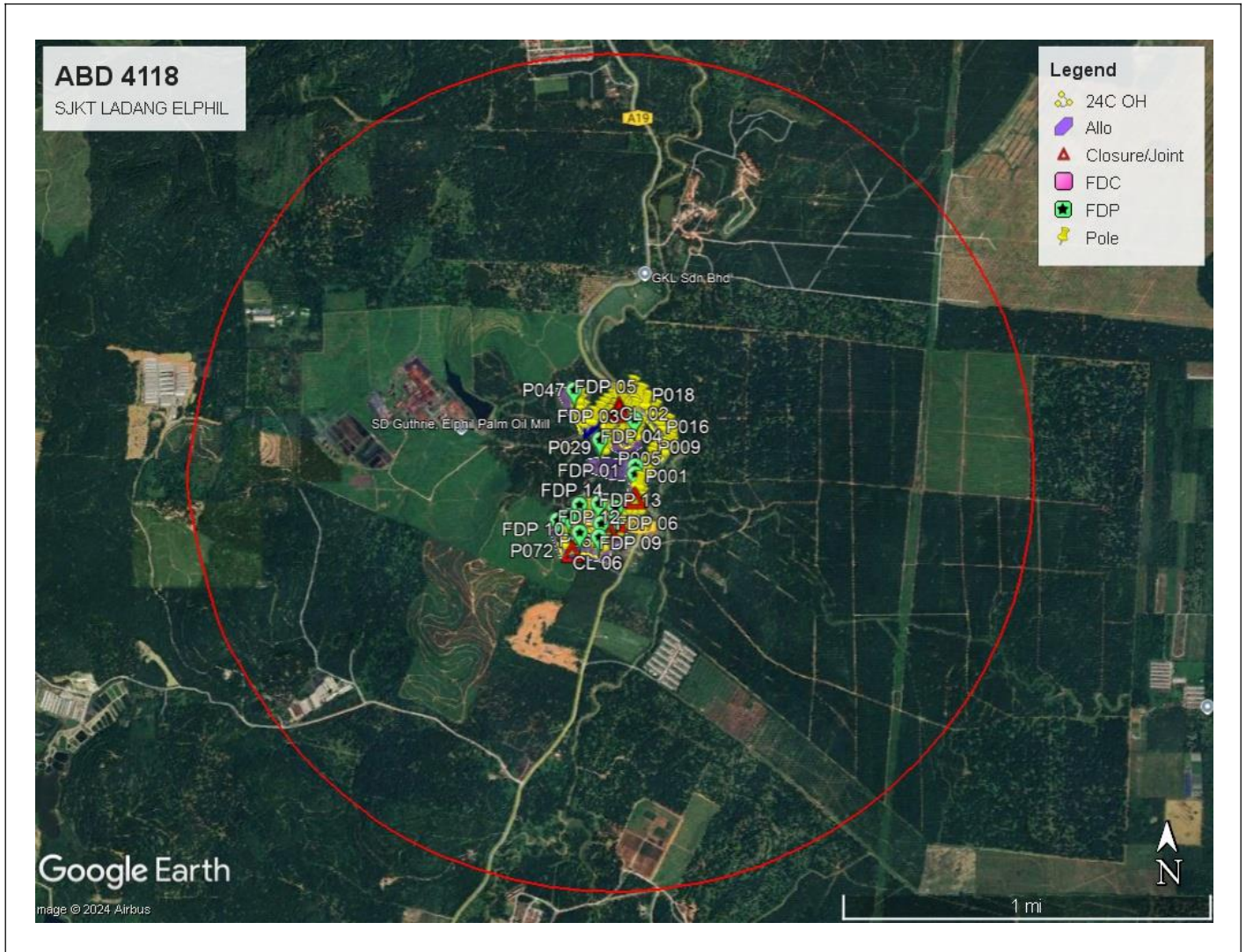
2.0 LOCAL AUTHORITY SUMMARY

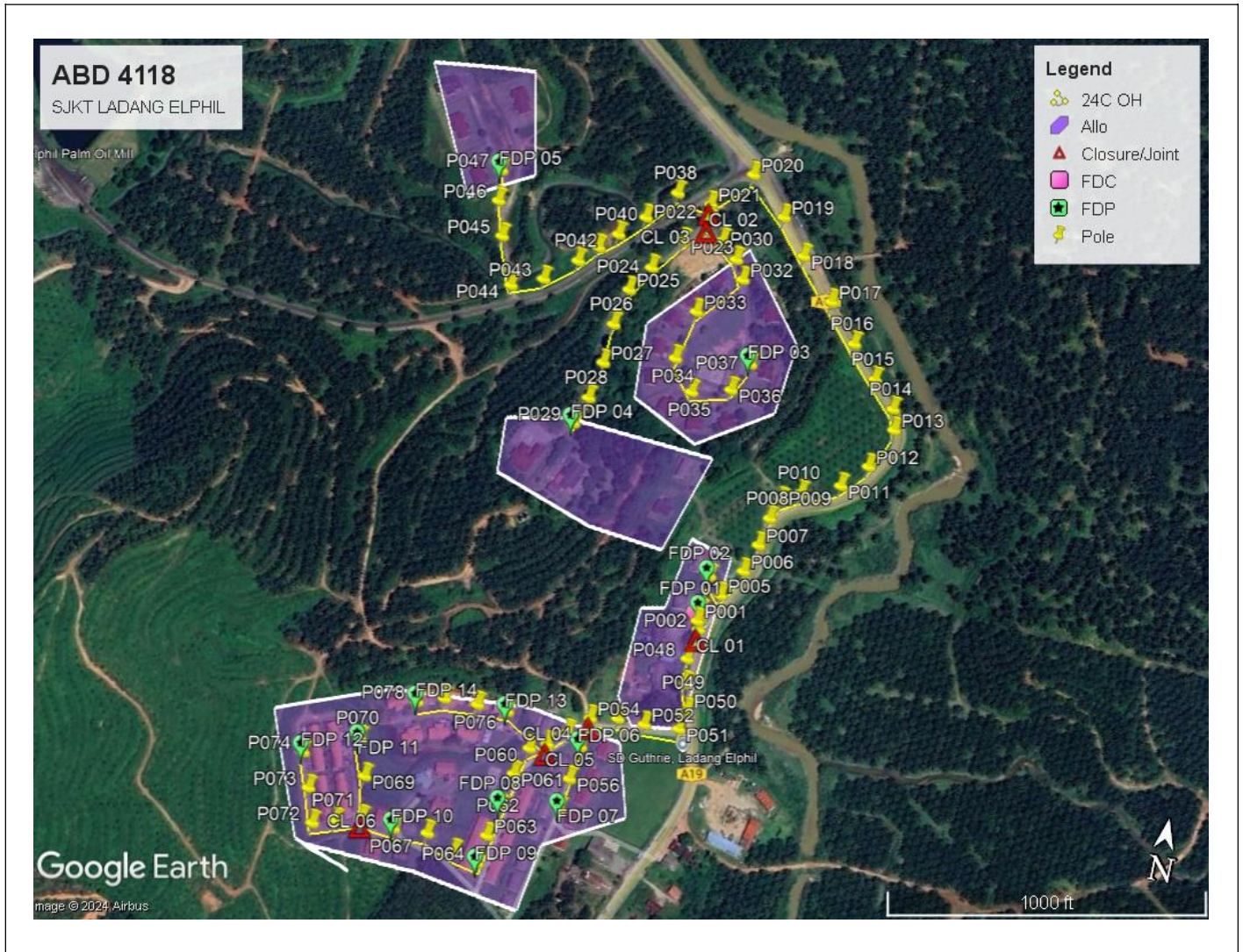
Daerah Kuala Kangsar

NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	30	665
		Majlis	-	-
		Estate / Private Land	48	1766
Total Distance (m)				2431

3.0 SITE PLAN (KMZ)

3.1 Overview Site Area



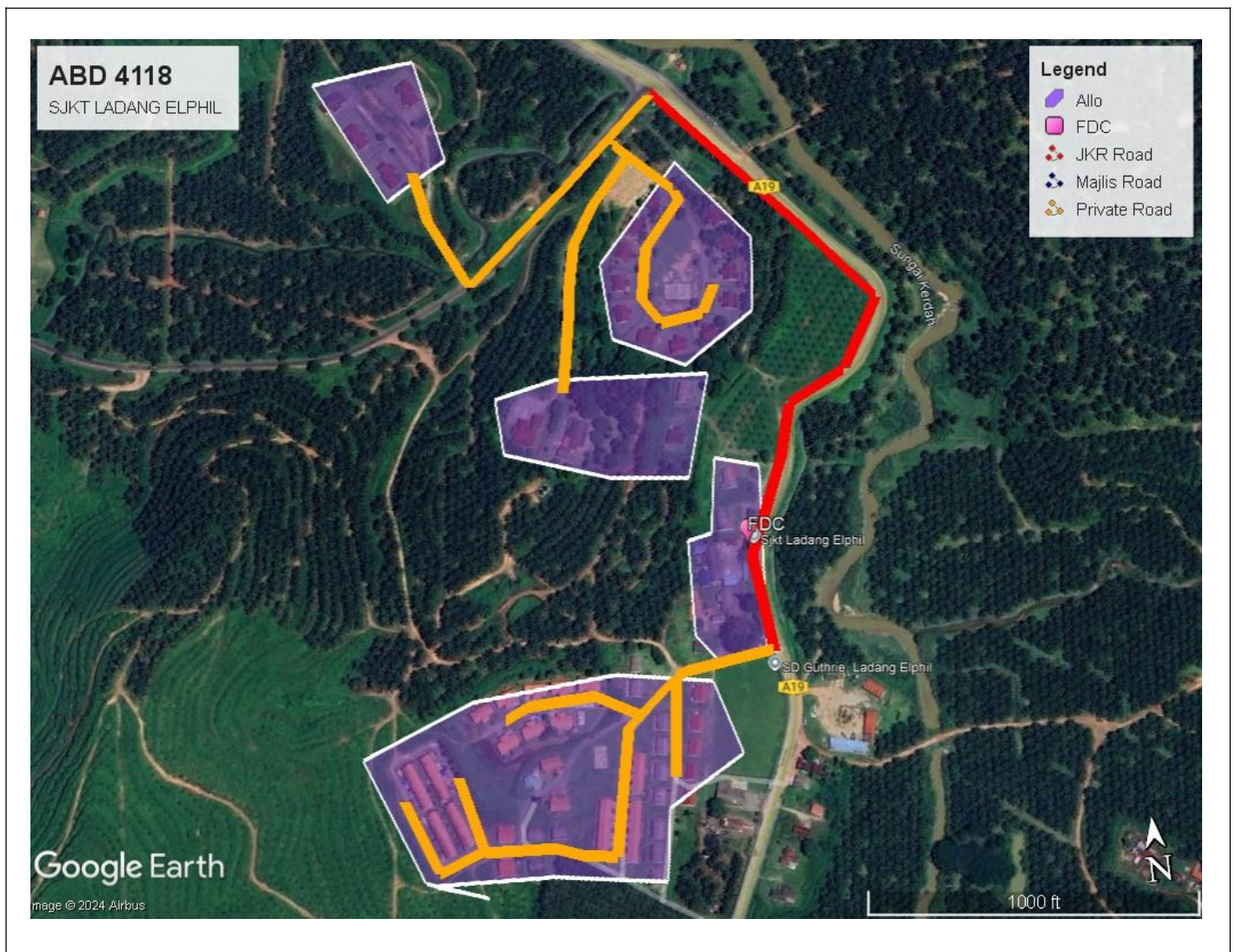


3.2 Site Plan - KMZ Routing (All Local Authority)

Red Colour - JKR Road

Blue Colour - Majlis Road

Orange Colour - Private Road

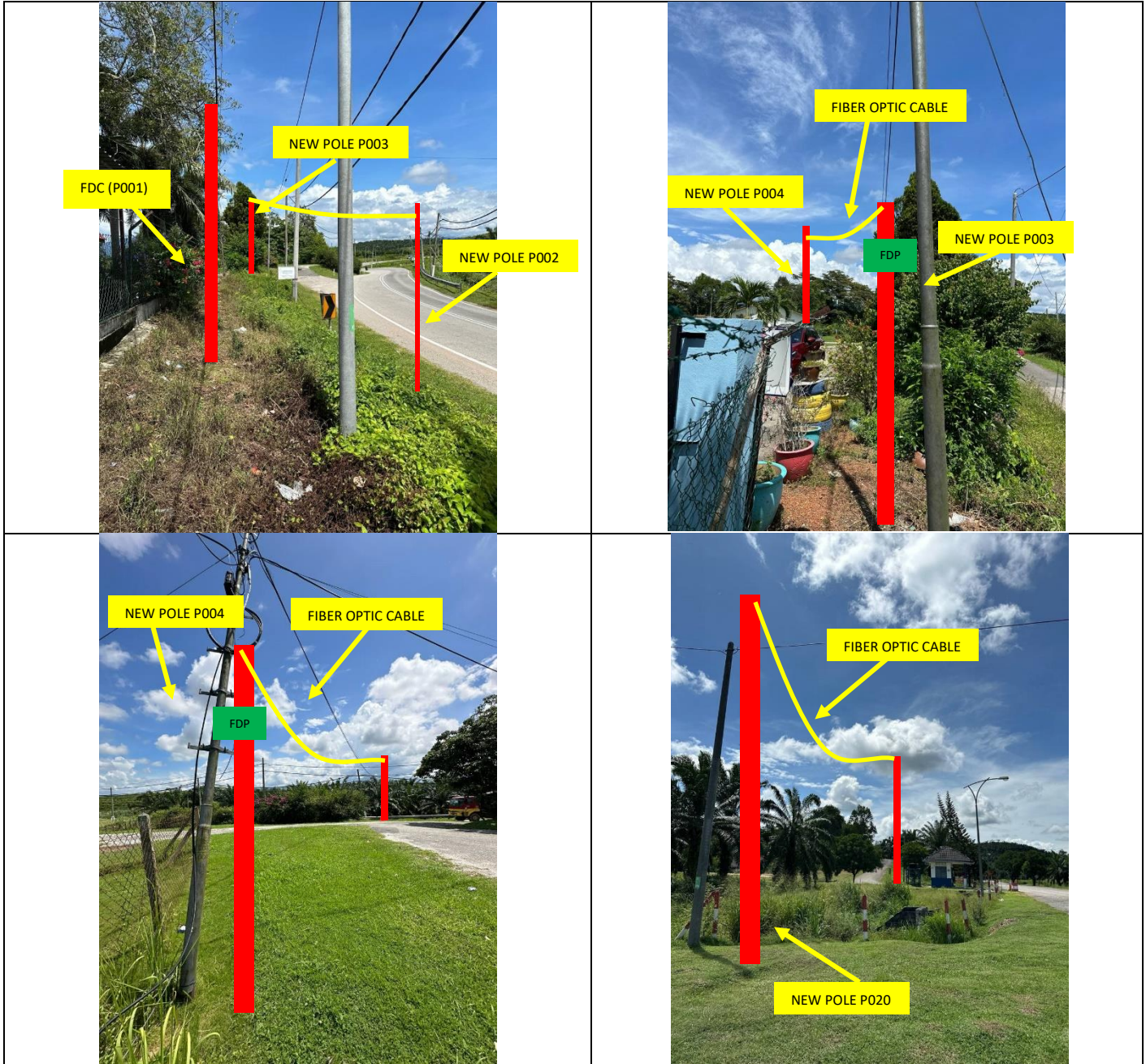


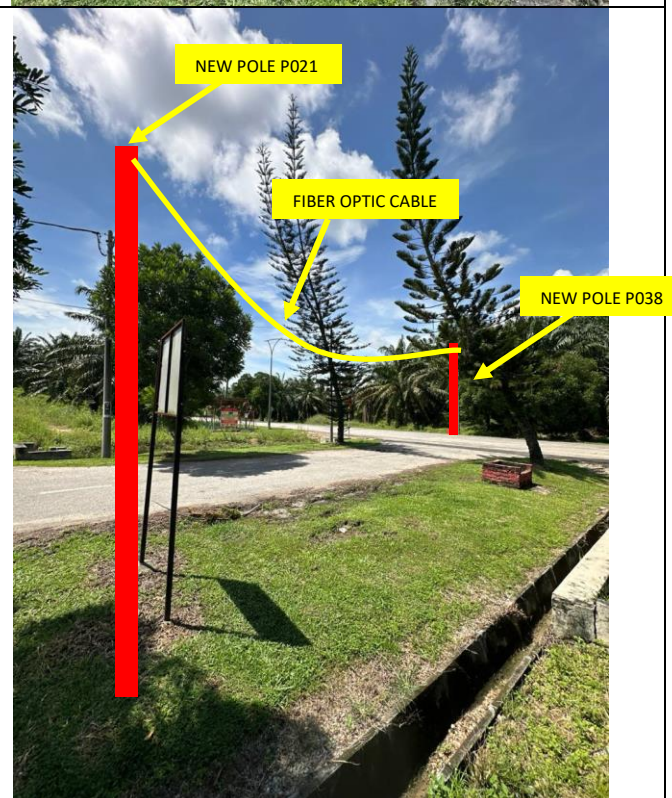
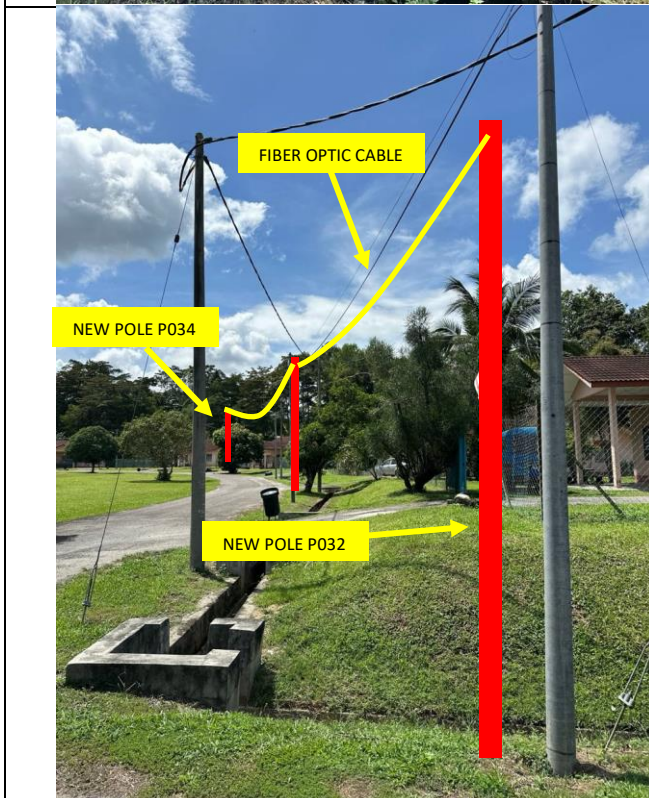
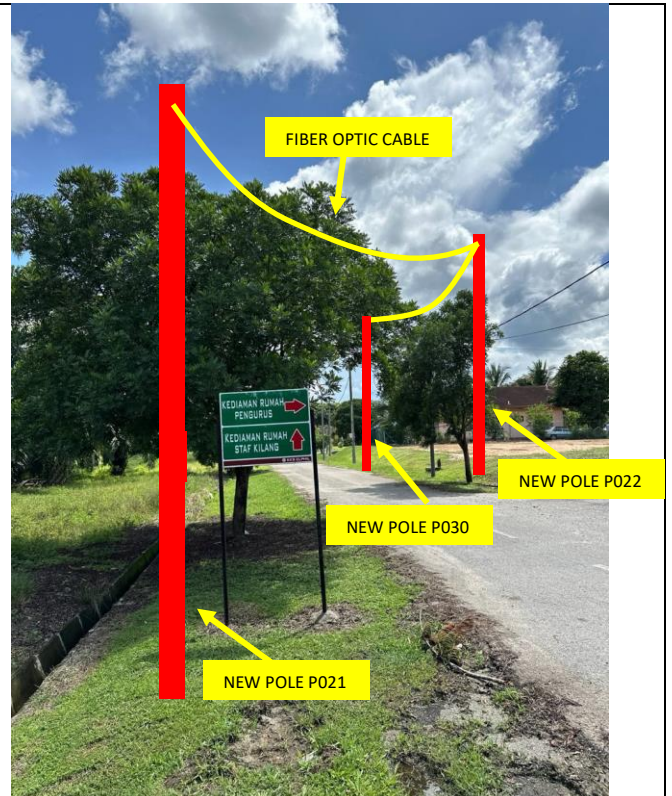
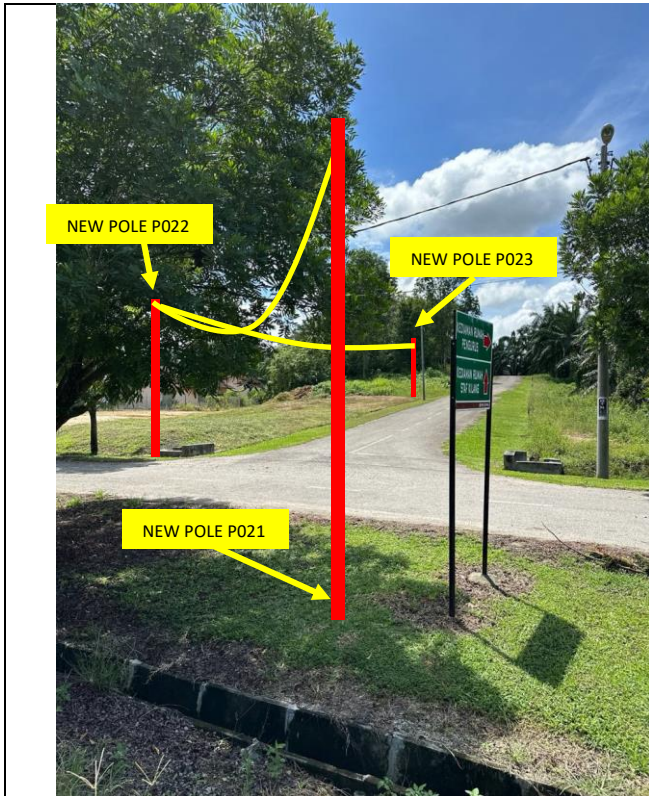
4.0 PROPOSED NEW POLE

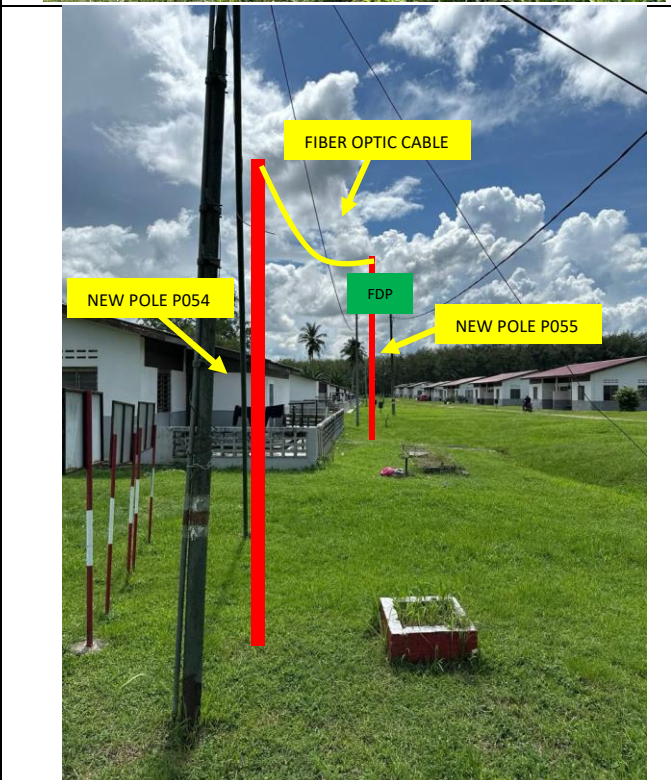
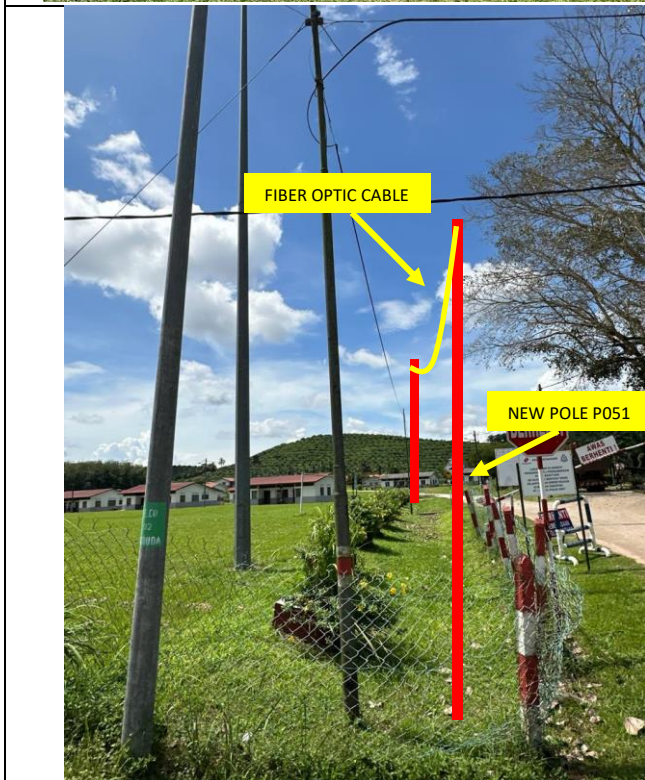
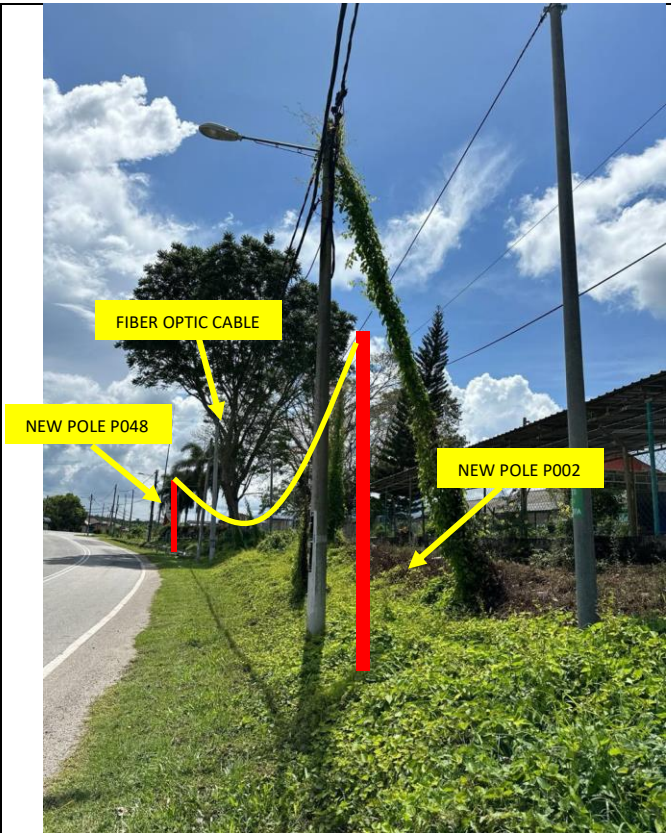
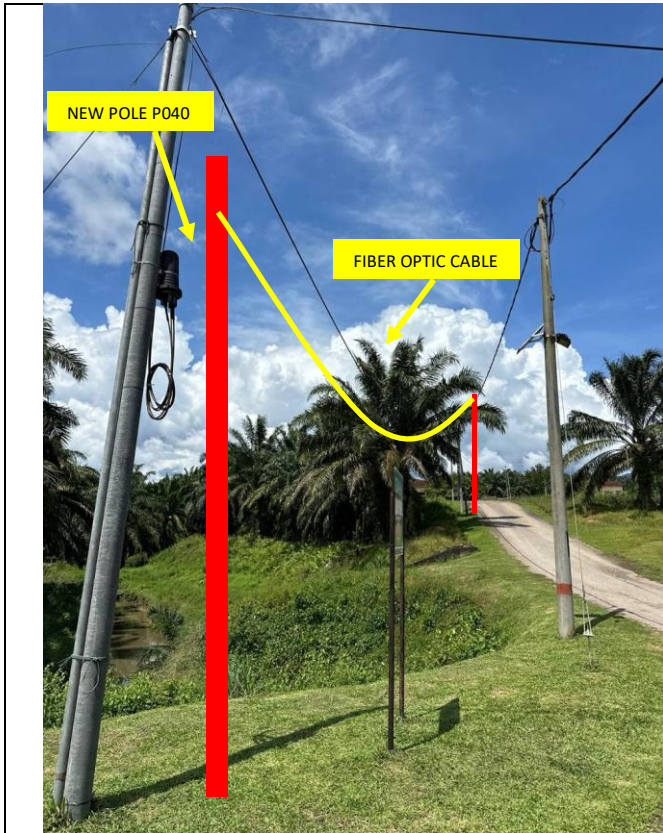
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	P001	0	4.886613	101.101190	JKR Daerah Kuala Kangsar
2	P002	9	4.886544	101.101217	JKR Daerah Kuala Kangsar
3	P003	18	4.886703	101.101204	Majlis Perbandaran Kuala Kangsar
4	P004	35	4.887014	101.101217	Majlis Perbandaran Kuala Kangsar
5	P005	21	4.886869	101.101344	JKR Daerah Kuala Kangsar
6	P006	32	4.887112	101.101497	JKR Daerah Kuala Kangsar
7	P007	29	4.887360	101.101580	JKR Daerah Kuala Kangsar
8	P008	28	4.887604	101.101629	JKR Daerah Kuala Kangsar
9	P009	22	4.887782	101.101693	JKR Daerah Kuala Kangsar
10	P010	21	4.887876	101.101851	JKR Daerah Kuala Kangsar
11	P011	39	4.888006	101.102178	JKR Daerah Kuala Kangsar
12	P012	33	4.888217	101.102379	JKR Daerah Kuala Kangsar
13	P013	43	4.888570	101.102530	JKR Daerah Kuala Kangsar
14	P014	22	4.888744	101.102484	JKR Daerah Kuala Kangsar
15	P015	35	4.888964	101.102275	JKR Daerah Kuala Kangsar
16	P016	40	4.889224	101.102033	JKR Daerah Kuala Kangsar
17	P017	46	4.889541	101.101768	JKR Daerah Kuala Kangsar
18	P018	52	4.889882	101.101456	JKR Daerah Kuala Kangsar
19	P019	42	4.890181	101.101221	JKR Daerah Kuala Kangsar
20	P020	51	4.890486	101.100888	JKR Daerah Kuala Kangsar
21	P021	50	4.890151	101.100575	Tanah Persendirian
22	P022	17	4.890007	101.100584	Tanah Persendirian
23	P023	32	4.889795	101.100408	Tanah Persendirian
24	P024	41	4.889511	101.100186	Tanah Persendirian
25	P025	31	4.889284	101.100036	Tanah Persendirian
26	P026	37	4.888964	101.099965	Tanah Persendirian
27	P027	38	4.888623	101.099945	Tanah Persendirian
28	P028	37	4.888302	101.099884	Tanah Persendirian
29	P029	29	4.888064	101.099798	Tanah Persendirian
30	P030	24	4.889867	101.100739	Tanah Persendirian
31	P031	23	4.889730	101.100888	Tanah Persendirian
32	P032	21	4.889570	101.100976	Tanah Persendirian
33	P033	55	4.889217	101.100641	Tanah Persendirian
34	P034	50	4.888787	101.100543	Tanah Persendirian
35	P035	35	4.888532	101.100738	Tanah Persendirian
36	P036	38	4.888618	101.101068	Tanah Persendirian

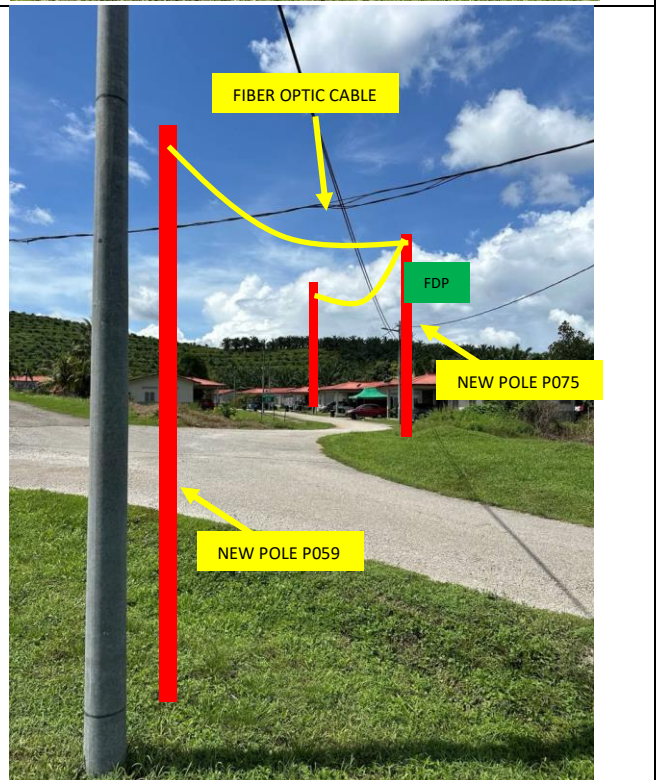
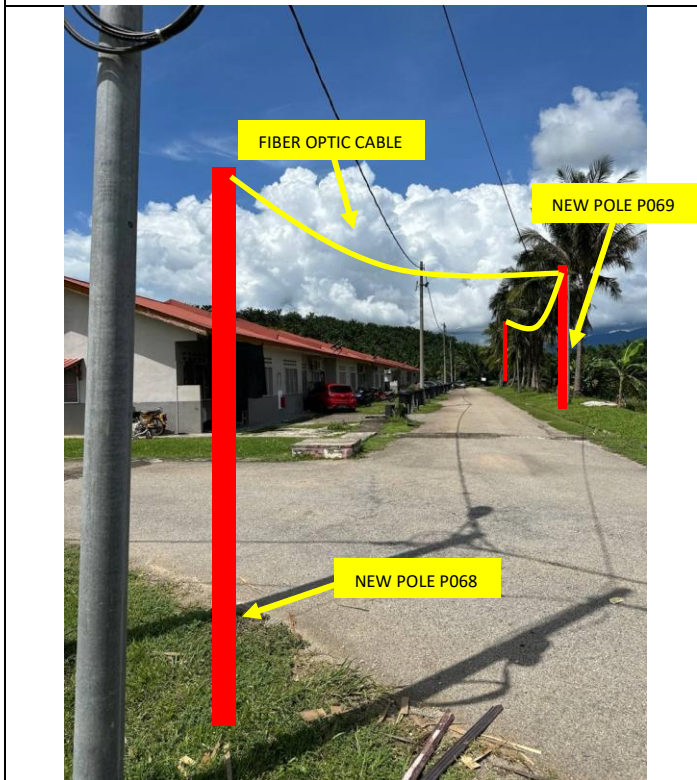
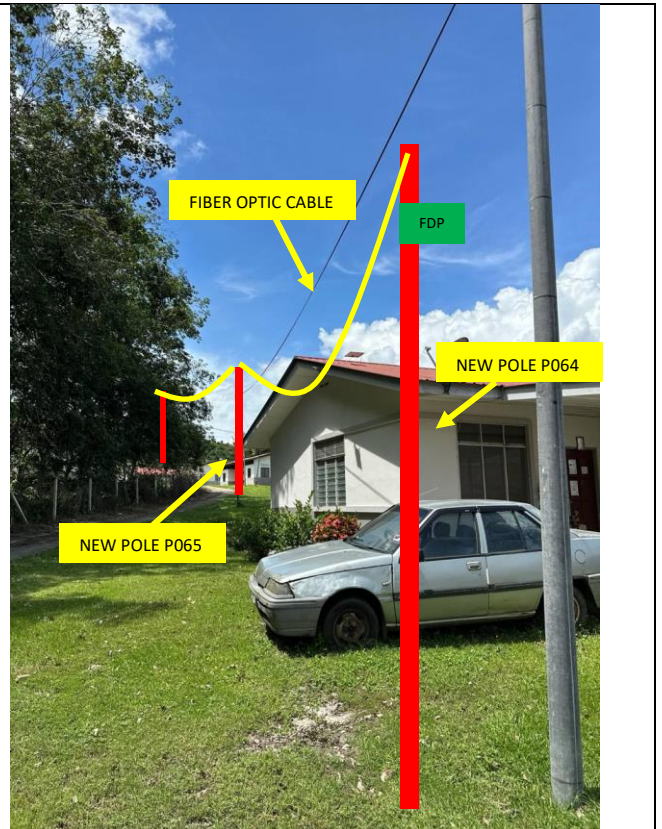
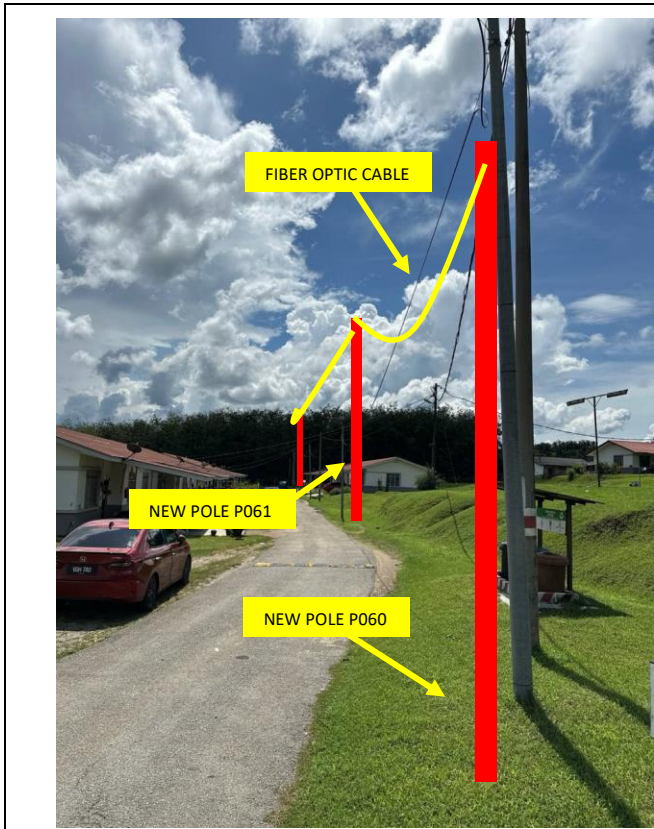
37	P037	31	4.888866	101.101187	Tanah Persendirian
38	P038	35	4.890186	101.100277	Majlis Perbandaran Kuala Kangsar
39	P039	38	4.889928	101.100051	Majlis Perbandaran Kuala Kangsar
40	P040	31	4.889737	101.099849	Majlis Perbandaran Kuala Kangsar
41	P041	24	4.889592	101.099702	Majlis Perbandaran Kuala Kangsar
42	P042	25	4.889442	101.099554	Majlis Perbandaran Kuala Kangsar
43	P043	38	4.889231	101.099294	Majlis Perbandaran Kuala Kangsar
44	P044	33	4.889124	101.099025	Majlis Perbandaran Kuala Kangsar
45	P045	48	4.889521	101.098867	Tanah Persendirian
46	P046	34	4.889807	101.098780	Tanah Persendirian
47	P047	30	4.890063	101.098754	Tanah Persendirian
48	P048	31	4.886275	101.101174	JKR Daerah Kuala Kangsar
49	P049	25	4.886061	101.101203	JKR Daerah Kuala Kangsar
50	P050	27	4.885835	101.101259	JKR Daerah Kuala Kangsar
51	P051	20	4.885666	101.101226	Tanah Persendirian
52	P052	35	4.885645	101.100923	Tanah Persendirian
53	P053	27	4.885649	101.100690	Tanah Persendirian
54	P054	27	4.885607	101.100455	Tanah Persendirian
55	P055	31	4.885347	101.100422	Tanah Persendirian
56	P056	34	4.885055	101.100386	Tanah Persendirian
57	P057	32	4.884782	101.100353	Tanah Persendirian
58	P058	27	4.885451	101.100289	Tanah Persendirian
59	P059	24	4.885317	101.100136	Tanah Persendirian
60	P060	19	4.885250	101.099992	Tanah Persendirian
61	P061	29	4.885009	101.099904	Tanah Persendirian
62	P062	35	4.884707	101.099847	Tanah Persendirian
63	P063	32	4.884440	101.099786	Tanah Persendirian
64	P064	28	4.884197	101.099750	Tanah Persendirian
65	P065	26	4.884253	101.099538	Tanah Persendirian
66	P066	32	4.884367	101.099281	Tanah Persendirian
67	P067	34	4.884351	101.098989	Tanah Persendirian
68	P068	33	4.884381	101.098702	Tanah Persendirian
69	P069	41	4.884739	101.098655	Tanah Persendirian
70	P070	36	4.885051	101.098550	Tanah Persendirian
71	P071	26	4.884317	101.098488	Tanah Persendirian
72	P072	23	4.884259	101.098296	Tanah Persendirian
73	P073	35	4.884547	101.098204	Tanah Persendirian
74	P074	36	4.884839	101.098096	Tanah Persendirian
75	P075	49	4.885527	101.099742	Tanah Persendirian
76	P076	30	4.885536	101.099480	Tanah Persendirian
77	P077	32	4.885532	101.099194	Tanah Persendirian
78	P078	28	4.885461	101.098966	Tanah Persendirian

5.0 SITE PHOTOS - PROPOSED NEW POLE









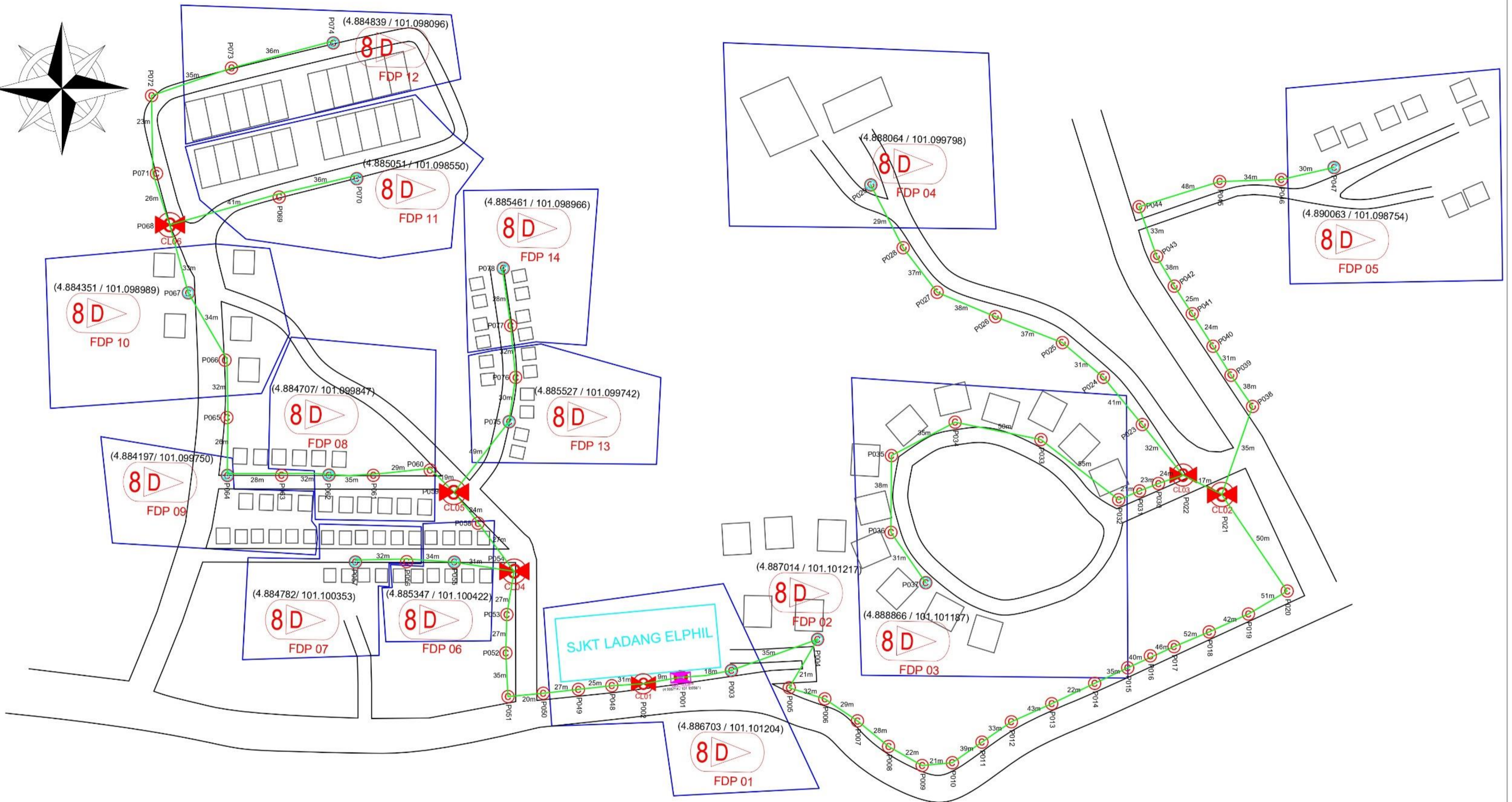
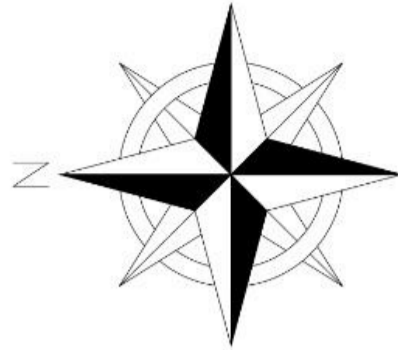


PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
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(KKMM.400-11/17/132(1))



6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Perbandaran Kuala Kangsar	0m
2	JKR Daerah Kuala Kangsar	665m



12C FOC	Installed 1:4 / 1:8 splitter	Existing TNB Pole	Pole Ring	14	Micro-Trenching (Meter)	#	Active Outdoor Numbering	CL01	Closure NO.
24C FOC	FDC	Installed Riser	New Manhole (PIT)	14	Temporary Infra (Meter)	NBD#	FDC NO.	DP1	FDP NO.
48C FOC	Closure	FDP with (1:8) splitter	New Manhole(JRC7)	7C	FDP Boundary	MH#	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 :

KEY PLAN:

KEMENTERIAN KOMUNIKASI DAN DIGITAL

PROJECT OWNER:

PRIVASAT

MAIN CONTRACTOR:

APEX COMMUNICATIONS SDN BHD

SUB-CONTRACTOR:

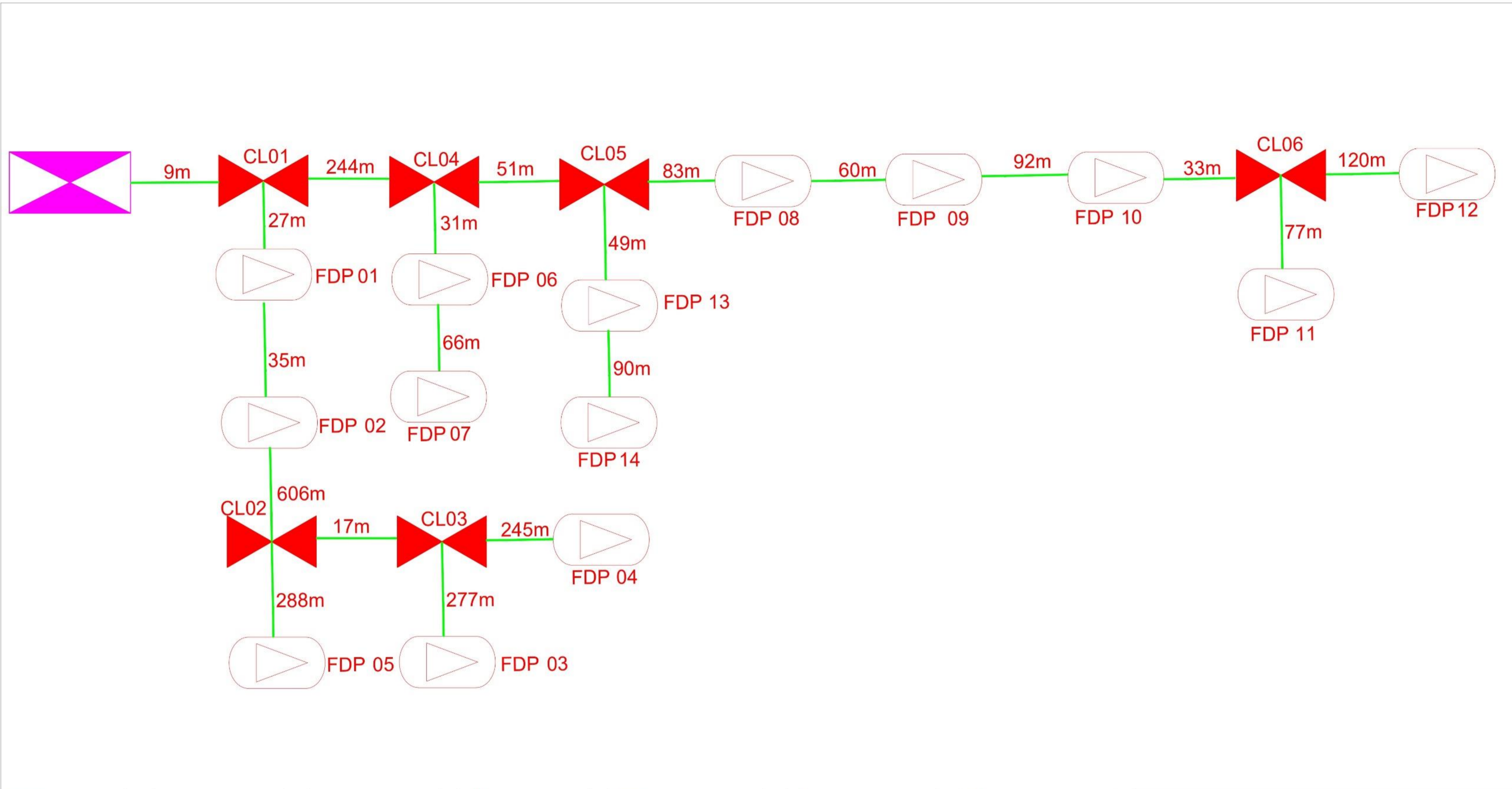
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PROJECT TITLE:
CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION AND COMMISSIONING OF FTTH NETWORK INFRASTRUCTURE - POP 2 PROJECT (D-SIDE) - ABD4118 - SJKT LADANG ELPHIL

DRAWING TITLE:
CONSTRUCTION DRAWING - SJKT LADANG ELPHIL

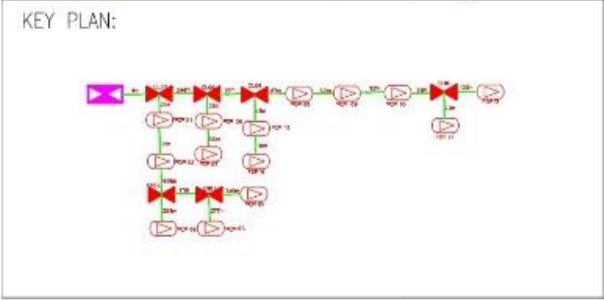
PROJECT PHASE:

Design By : M.DANIEAL ADIKHA	Date : 26 NOVEMBER 2024
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12C FOC	Installed 1:4 / 1:8 splitter	Existing TNB Pole	Pole Ring	14	Micro-Trenching (Meter)	#	Active Outdoor Numbering	CL01	Closure NO.
24C FOC	FDC	Installed Riser	B30	New Manhole (PIT)	Temporary Infra (Meter)	NBD#	FDC NO.	DP1	FDP NO.
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144C FOC	Installed Pole (7.5m)	Tension		Loop / Coil (Meter)	Open Cut (Meter)	P001	New Pole NO.		

ACTUAL HOMEPASS :



PROJECT OWNER:

KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR:

APEX COMMUNICATIONS SDN BHD
187475-V
PRIVASAT

SUB-CONTRACTOR:

ARA TIMUR
ARA TIMUR SDN BHD

PROJECT TITLE:
CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 PROJECT (D-SIDE) - ABD4118 - SJKT LADANG ELPHIL

DRAWING TITLE:
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PROJECT PHASE:

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