

TECHNICAL PROPOSAL

POP2 ABA4042 SEKOLAH KEBANGSAAN LINTANG (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 Kebangsaan Lintang
 Address : 31100 Sungai Siput, Perak.
 District : Kuala Kangsar
 Postcode : 31100
 State : Perak
 GPS Coordinate : 4.936945, 101.103200
 LRD : A

End Point

Site / Boundary Name : Kampung Cherakoh
 Address : 31100 Sungai Siput, Perak.
 District : Kuala Kangsar
 Postcode : 31100
 State : Perak
 GPS Coordinate : 4.940111, 101.105044
 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	92
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	1672
2	Install New Pole	ea	57
3	Install New JRC7 Manhole	ea	4
4	Install GI Riser 50mm	ea	4
5	Install Fiber Distribution Point	ea	13
6	Install Joint Closure	ea	6
7	Estimated Time Required for Completion	days	30



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))



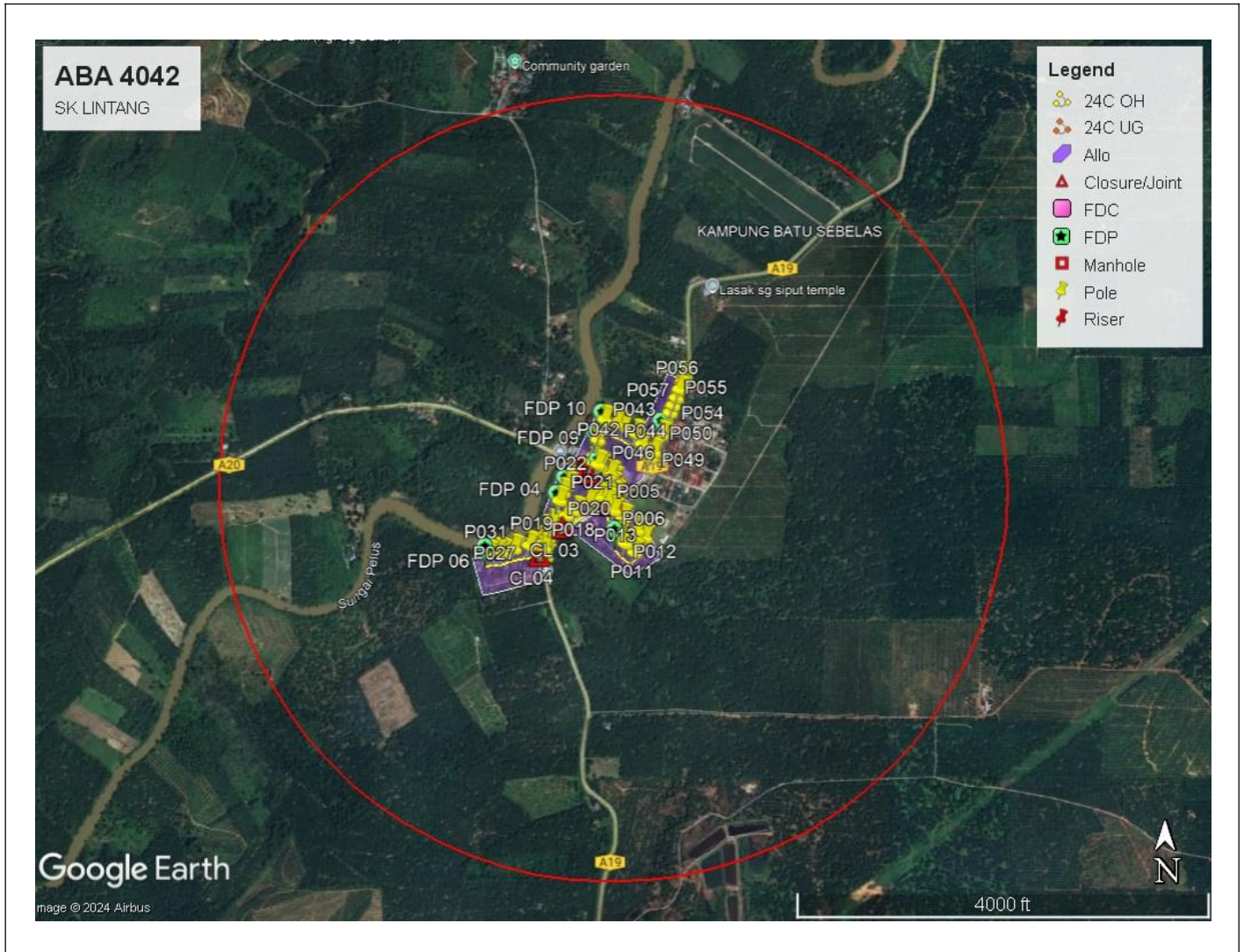
2.0 LOCAL AUTHORITY SUMMARY

Daerah Kuala Kangsar

NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	2	92
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	34	748
		Majlis	24	832
		Estate / Private Land	-	-
Total Distance (m)				1672

3.0 SITE PLAN (KMZ)

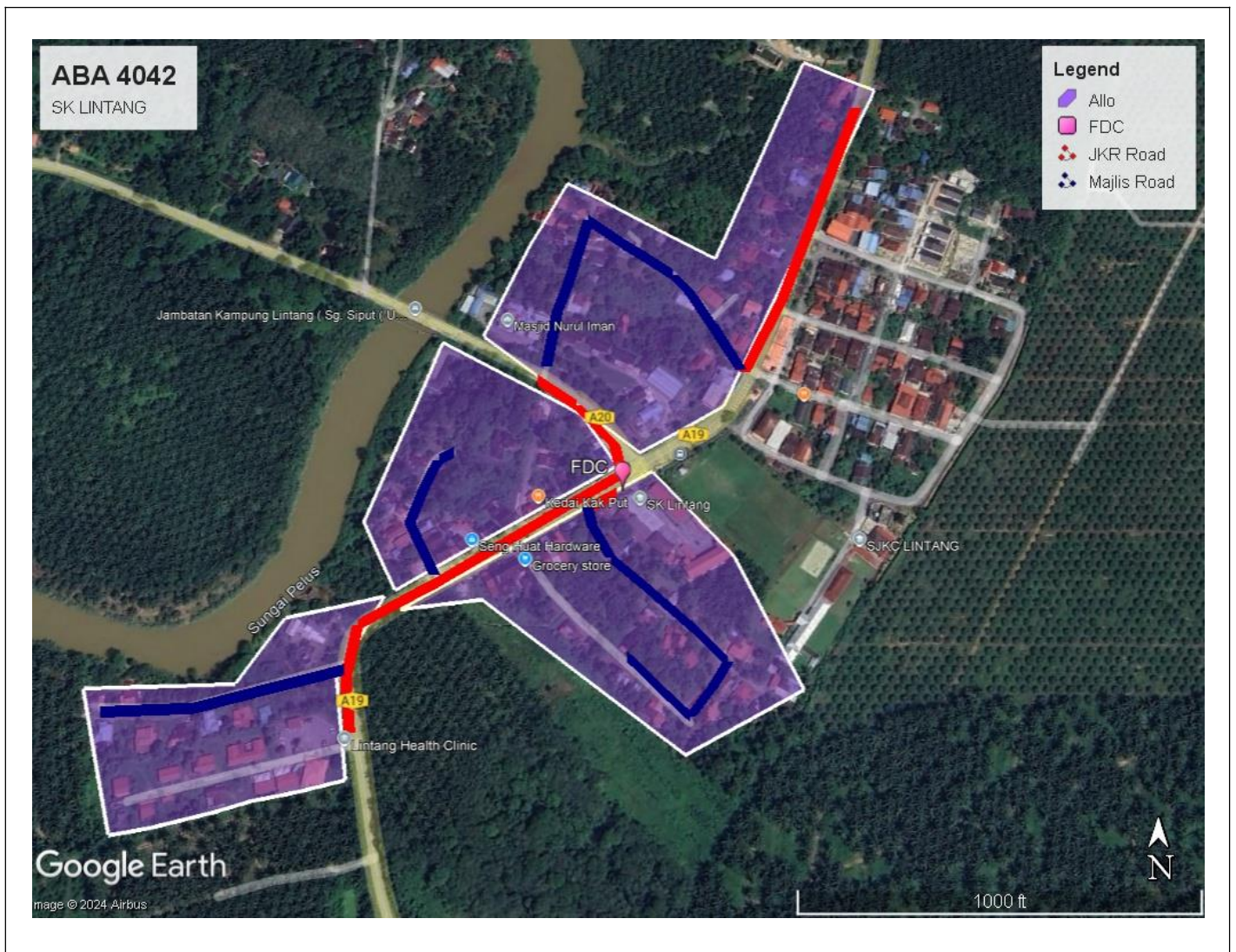
3.1 Overview Site Area



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	4.936942	101.103201	JKR Daerah Kuala Kangsar
2	P002	6	4.936905	101.103162	JKR Daerah Kuala Kangsar
3	P003	10	4.936877	101.103074	JKR Daerah Kuala Kangsar
4	P004	22	4.936800	101.102900	JKR Daerah Kuala Kangsar
5	P005	16	4.936671	101.102968	Majlis Perbandaran Kuala Kangsar
6	P006	31	4.936430	101.103106	Majlis Perbandaran Kuala Kangsar
7	P007	35	4.936239	101.103356	Majlis Perbandaran Kuala Kangsar
8	P008	58	4.935893	101.103739	Majlis Perbandaran Kuala Kangsar
9	P009	32	4.935696	101.103942	Majlis Perbandaran Kuala Kangsar
10	P010	24	4.935515	101.103831	Majlis Perbandaran Kuala Kangsar
11	P011	32	4.935297	101.103666	Majlis Perbandaran Kuala Kangsar
12	P012	39	4.935535	101.103412	Majlis Perbandaran Kuala Kangsar
13	P013	32	4.935729	101.103210	Majlis Perbandaran Kuala Kangsar
14	P014	25	4.937116	101.103050	JKR Daerah Kuala Kangsar
15	P015	21	4.937000	101.102900	JKR Daerah Kuala Kangsar
16	P016	34	4.936821	101.102649	JKR Daerah Kuala Kangsar
17	P017	31	4.936670	101.102423	JKR Daerah Kuala Kangsar
18	P018	47	4.936429	101.102073	JKR Daerah Kuala Kangsar
19	P019	33	4.936291	101.101811	JKR Daerah Kuala Kangsar
20	P020	50	4.936699	101.101629	Majlis Perbandaran Kuala Kangsar
21	P021	27	4.936919	101.101723	Majlis Perbandaran Kuala Kangsar
22	P022	28	4.937125	101.101856	Majlis Perbandaran Kuala Kangsar
23	P023	50	4.936071	101.101419	JKR Daerah Kuala Kangsar
24	P024	27	4.935925	101.101232	JKR Daerah Kuala Kangsar
25	P025	15	4.935796	101.101191	JKR Daerah Kuala Kangsar
26	P026	29	4.935537	101.101187	JKR Daerah Kuala Kangsar
27	P027	43	4.935490	101.100812	Majlis Perbandaran Kuala Kangsar
28	P028	47	4.935400	101.100400	Majlis Perbandaran Kuala Kangsar
29	P029	35	4.935300	101.100100	Majlis Perbandaran Kuala Kangsar
30	P030	21	4.935301	101.099921	Majlis Perbandaran Kuala Kangsar
31	P031	25	4.935267	101.099700	Majlis Perbandaran Kuala Kangsar
32	P032	14	4.935423	101.101209	JKR Daerah Kuala Kangsar
33	P033	15	4.935299	101.101239	JKR Daerah Kuala Kangsar
34	P034	12	4.935195	101.101260	JKR Daerah Kuala Kangsar
35	P035	19	4.937274	101.103103	JKR Daerah Kuala Kangsar

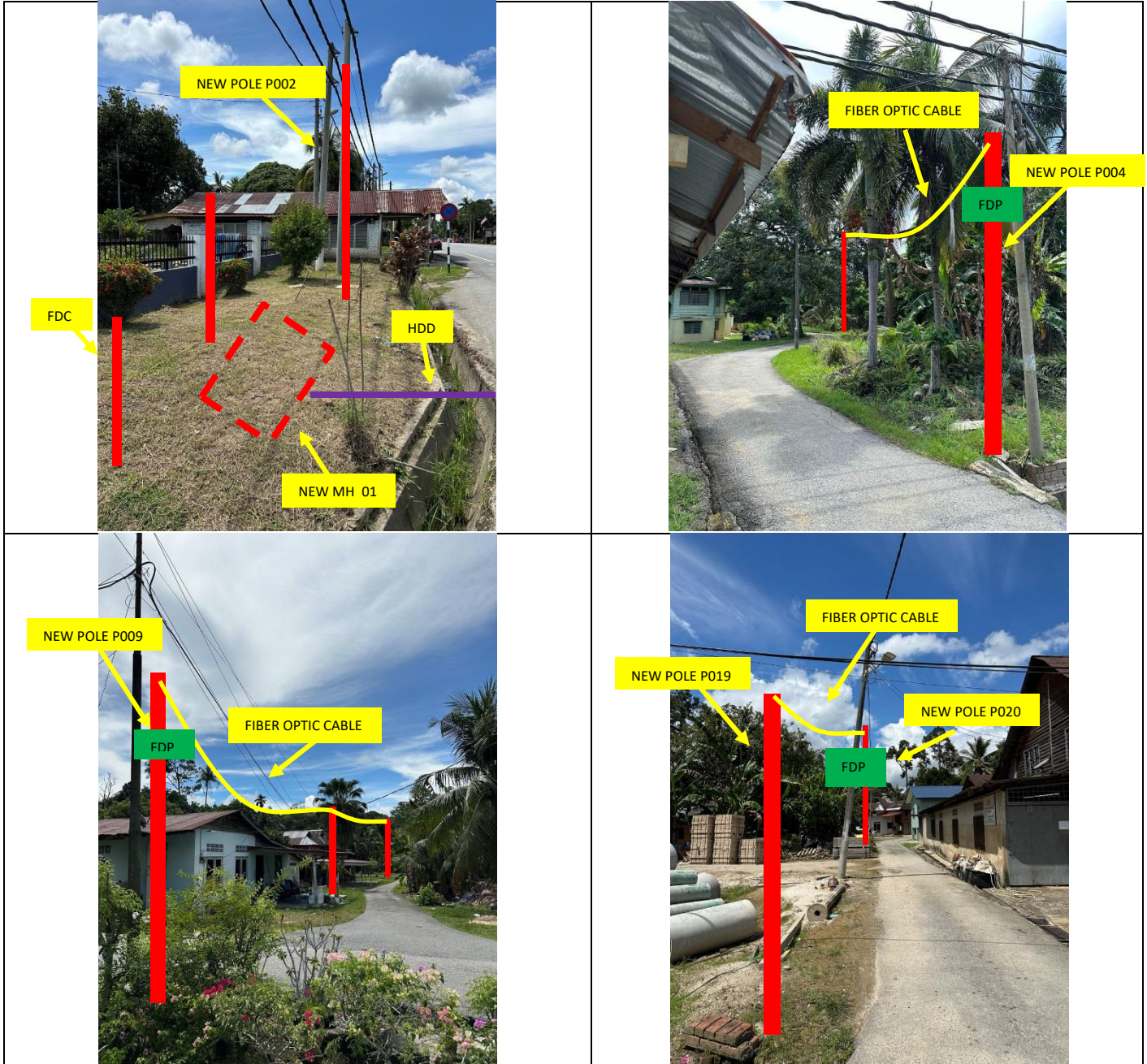


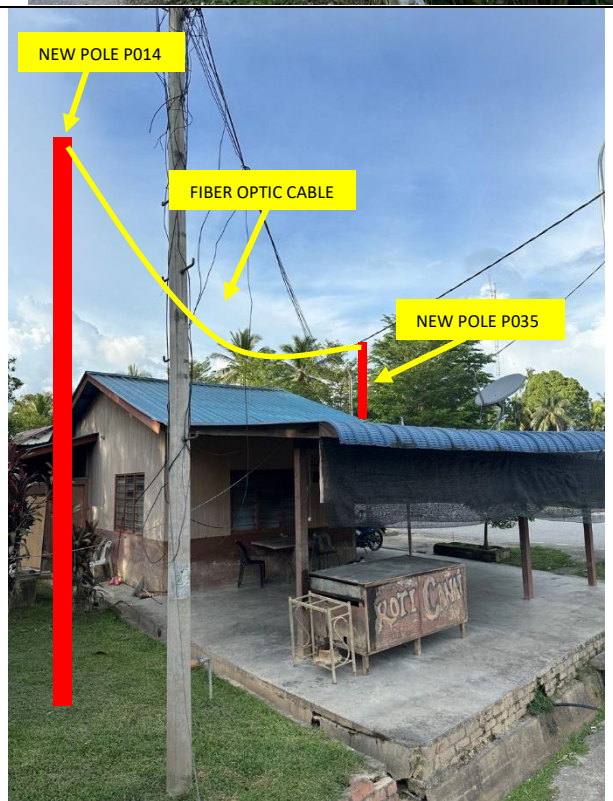
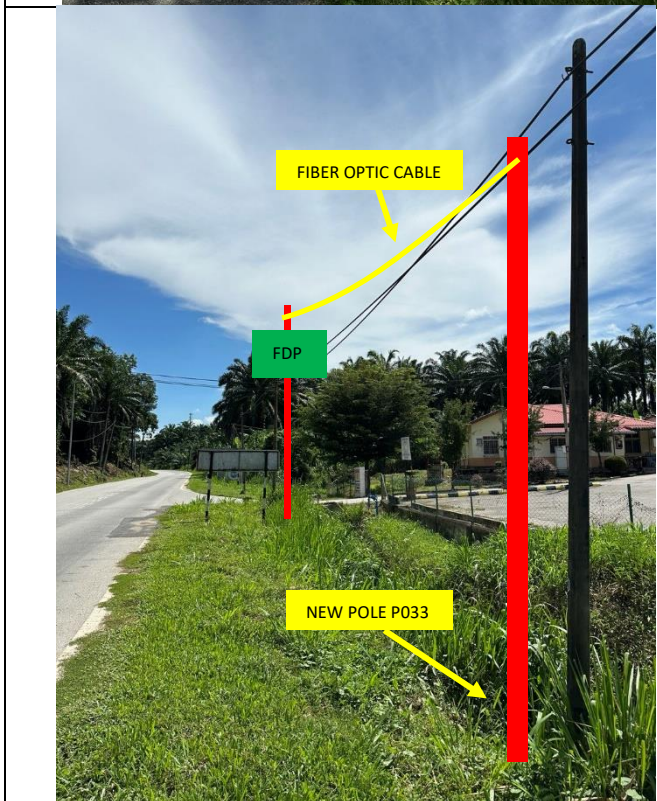
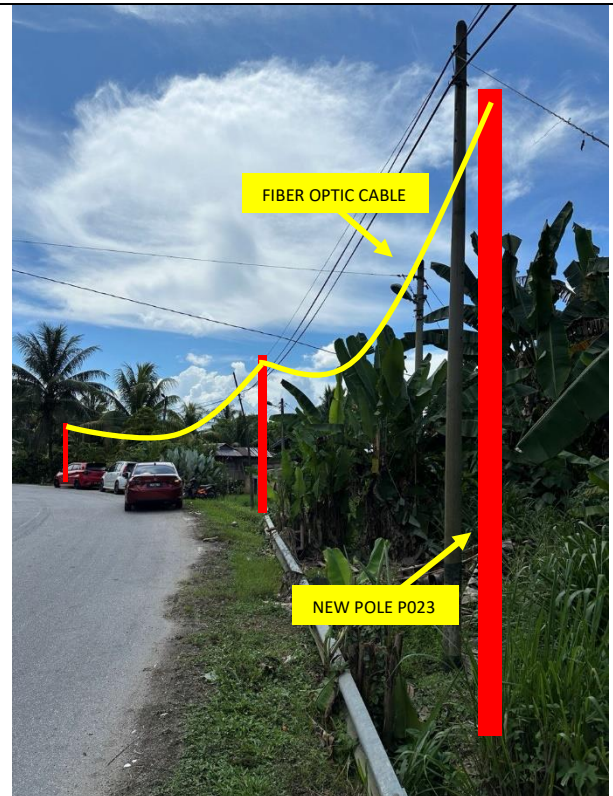
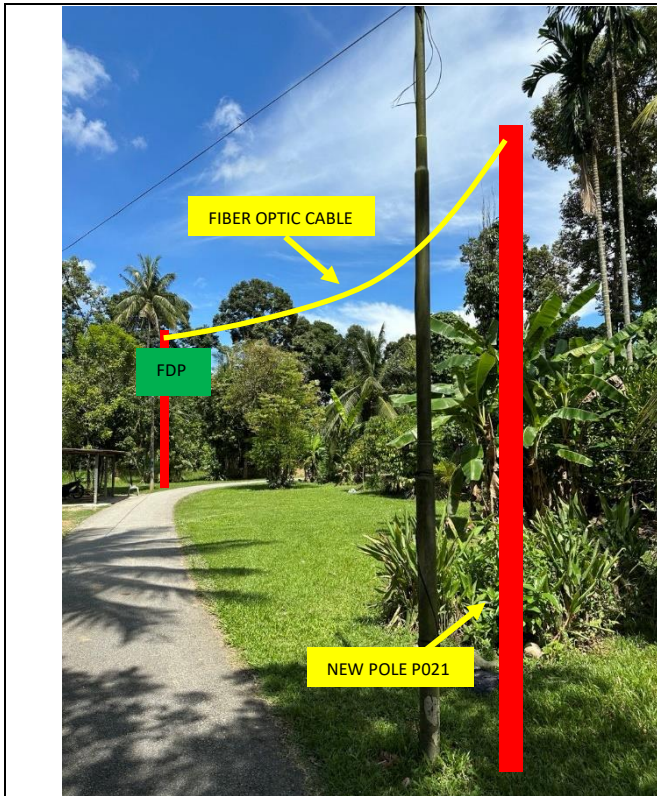
PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
 FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN
 SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI
 SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA
 (KKMM.400-11/17/132(1))

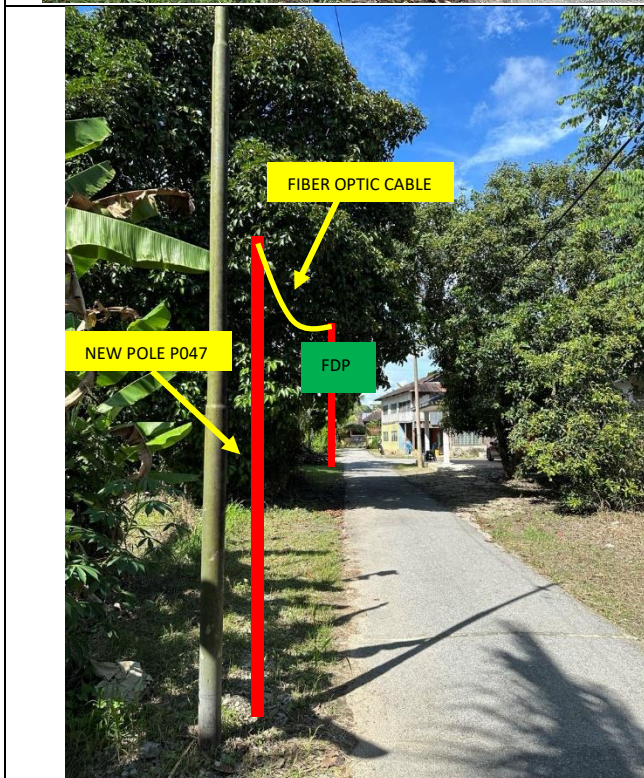
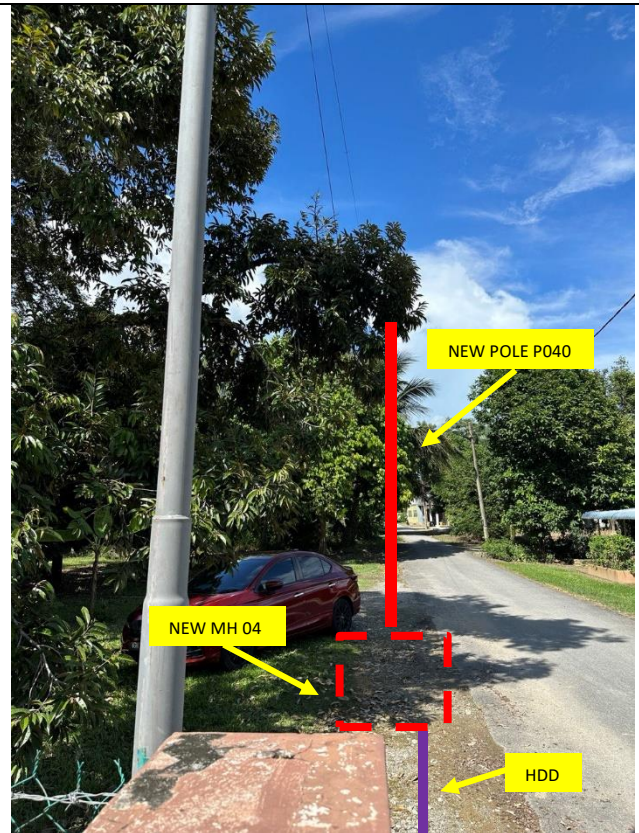
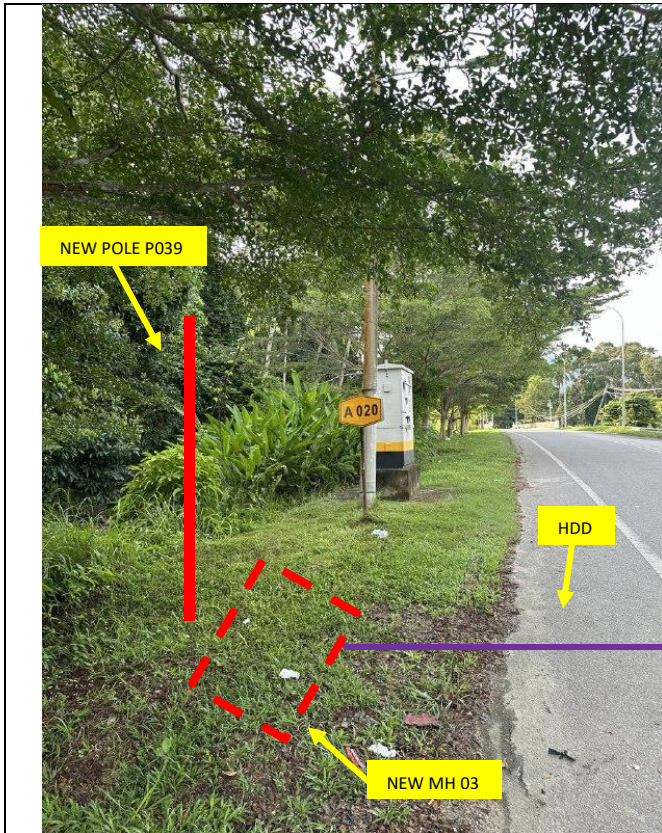


36	P036	20	4.937424	101.103012	JKR Daerah Kuala Kangsar
37	P037	39	4.937635	101.102738	JKR Daerah Kuala Kangsar
38	P038	10	4.937685	101.102671	JKR Daerah Kuala Kangsar
39	P039	21	4.937766	101.102509	JKR Daerah Kuala Kangsar
40	P040	67	4.938352	101.102669	Majlis Perbandaran Kuala Kangsar
41	P041	31	4.938600	101.102755	Majlis Perbandaran Kuala Kangsar
42	P042	35	4.938900	101.102855	Majlis Perbandaran Kuala Kangsar
43	P043	36	4.938801	101.103158	Majlis Perbandaran Kuala Kangsar
44	P044	26	4.938717	101.103370	Majlis Perbandaran Kuala Kangsar
45	P045	44	4.938517	101.103704	Majlis Perbandaran Kuala Kangsar
46	P046	37	4.938235	101.103875	Majlis Perbandaran Kuala Kangsar
47	P047	48	4.937871	101.104105	JKR Daerah Kuala Kangsar
48	P048	18	4.938017	101.104185	JKR Daerah Kuala Kangsar
49	P049	58	4.938495	101.104400	JKR Daerah Kuala Kangsar
50	P050	23	4.938673	101.104468	JKR Daerah Kuala Kangsar
51	P051	24	4.938882	101.104528	JKR Daerah Kuala Kangsar
52	P052	29	4.939100	101.104638	JKR Daerah Kuala Kangsar
53	P053	24	4.939300	101.104722	JKR Daerah Kuala Kangsar
54	P054	24	4.939500	101.104811	JKR Daerah Kuala Kangsar
55	P055	27	4.939729	101.104894	JKR Daerah Kuala Kangsar
56	P056	24	4.939926	101.104977	JKR Daerah Kuala Kangsar
57	P057	22	4.940111	101.105044	JKR Daerah Kuala Kangsar

5.0 SITE PHOTOS - PROPOSED NEW POLE







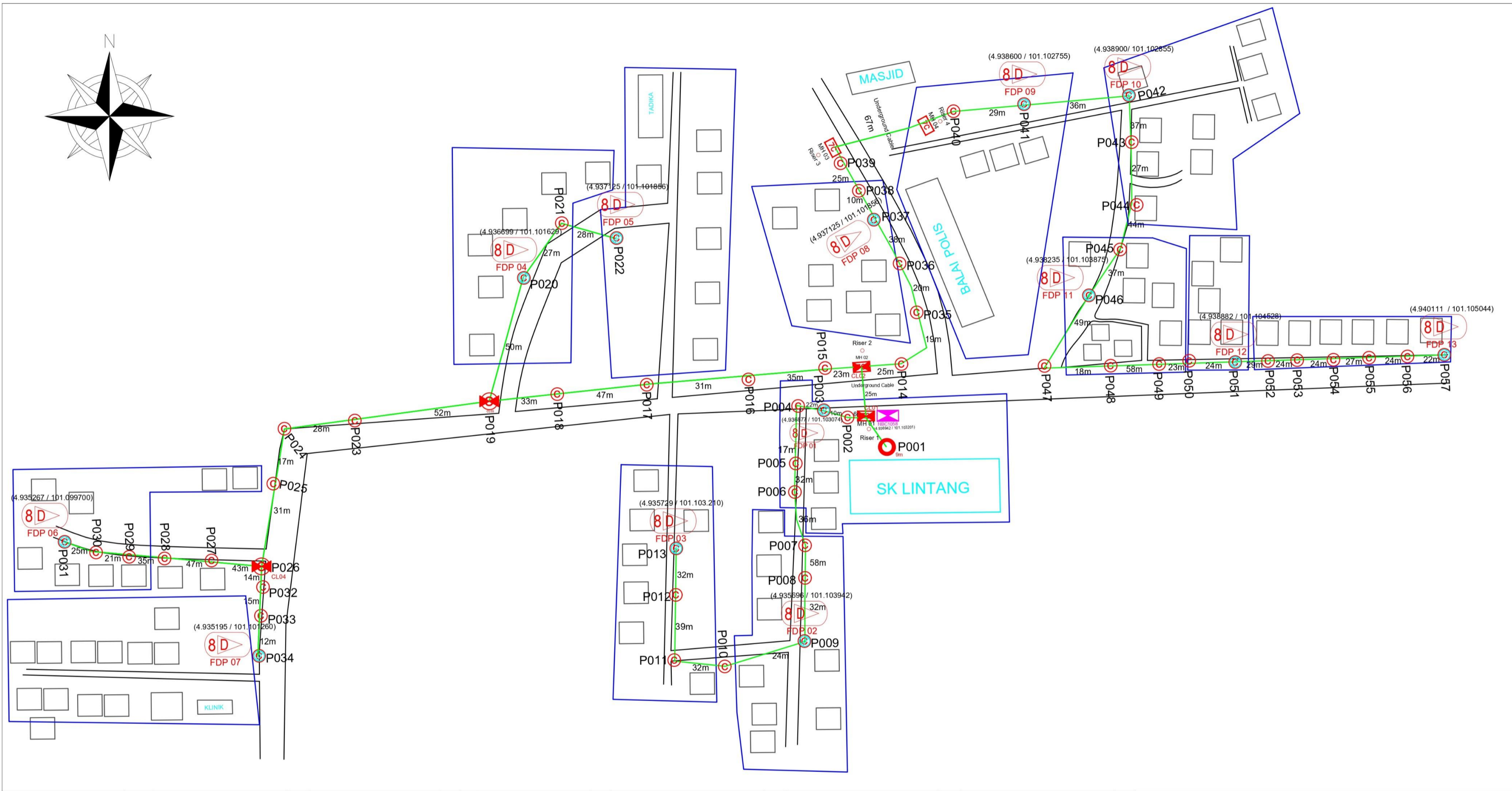
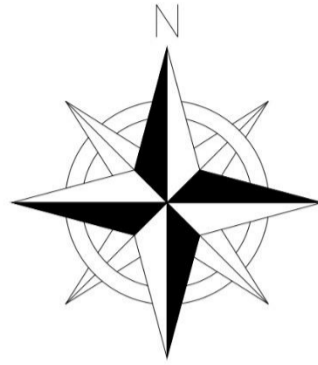


PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN
SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI
SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA
(KKMM.400-11/17/132(1))



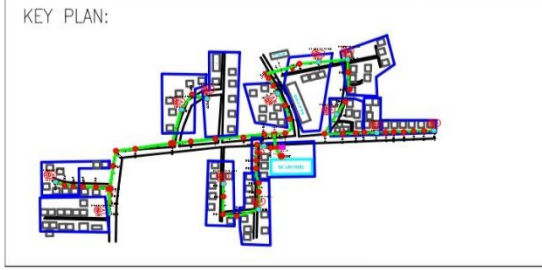
6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Perbandaran Kuala Kangsar	748 m
2	JKR Daerah Kuala Kangsar	924 m



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 1672m	FDC	Installed Riser	New Manhole (PIT)	4	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		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 OWNER:

KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR:

APEX COMMUNICATIONS SDN BHD
187475-V
PRIVASAT

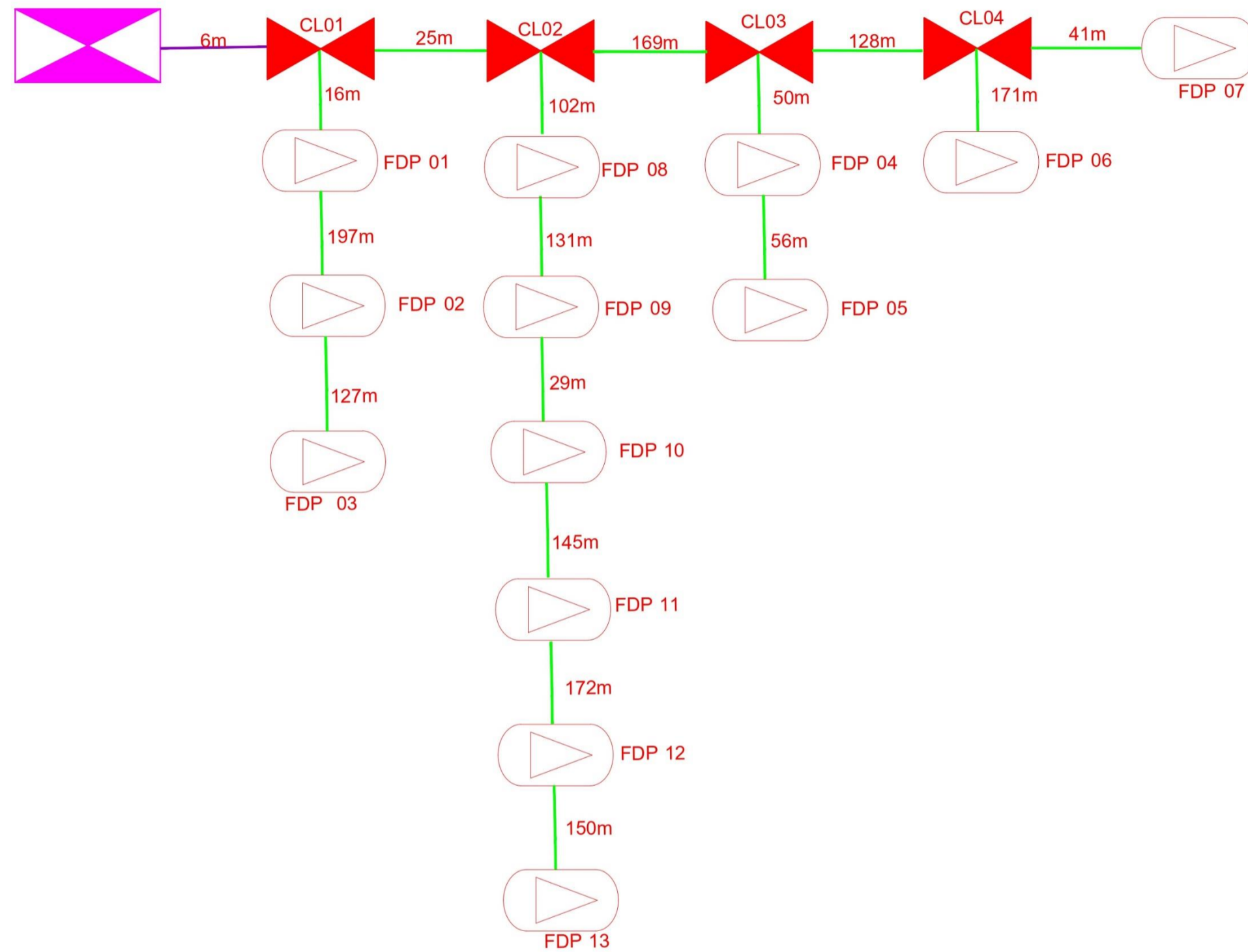
SUB-CONTRACTOR:

ARA TIMUR SDN BHD

PROJECT TITLE:
CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 PROJECT (D-SIDE) - ABA4042 - SK LINTANG

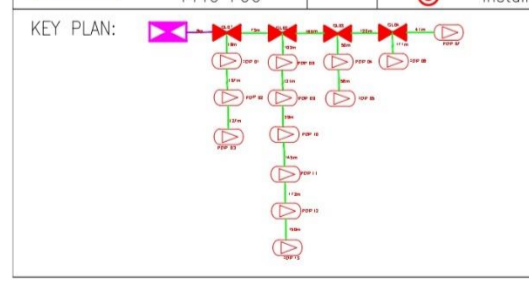
DRAWING TITLE:
CONSTRUCTION DRAWING - SK LINTANG

Design By : M.DANIEAL ADIKHA	Date : 19 November 2024
Drawn By : M.DANIEAL ADIKHA	Scale :
Checked By :	Job Number :
DRAWING NUMBER :	Sheet : 1 / 1
THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF ARA TIMUR SDN BHD	
PROJECT PHASE:	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	1672m	FDC	1	Installed Riser	4	New Manhole (PIT)	UB-3L	FDC NO.	DP1	FDP NO.
48C FOC		Closure	4	FDP with (1:8) splitter	13	New Manhole(JRC7)	7C	MH NO.		
96C FOC		Installed Pole (9m)	1	Suspension		Existing Manhole		TKS-1	Existing TNB Pole NO.	
144C FOC		Installed Pole (7.5m)	56	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) - ABA4042 - SK LINTANG

DRAWING TITLE:
CONSTRUCTION DRAWING - SK LINTANG

PROJECT PHASE:

Design By : M.DANIEL ADIKHA	Date : 19 NOVEMBER 2024
Drawn By : M.DANIEL ADIKHA	Scale :
Checked By :	Job Number :
DRAWING NUMBER :	Sheet : 1 / 1
THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF ARA TIMUR SDN BHD	
	Size :