

TECHNICAL PROPOSAL

POP2 ABA4026 SEKOLAH KEBANGSAAN PADANG ASAM (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 : 30/12/2024



Starting Point

Site / Boundary Name : Sekolah Kebangsaan Padang Asam
 Address : Kampong Padang Asam, 33700 Padang Rengas
 District : Kuala Kangsar
 Postcode : 33700
 State : Perak
 GPS Coordinate : 4.770290, 100.885212
 LRD : A

End Point

Site / Boundary Name : Jalan Raja, Kampung Padang Asam
 Address : 33700 Padang Rengas
 District : Kuala Kangsar
 Postcode : 33700
 State : Perak
 GPS Coordinate : 4.771023, 100.872549
 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
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(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	2679
2	Install New Pole	ea	93
3	Install New JRC7 Manhole	ea	0
4	Install GI Riser 50mm	ea	0
5	Install Fiber Distribution Point	ea	13
6	Install Joint Closure	ea	3
7	Estimated Time Required for Completion	days	30



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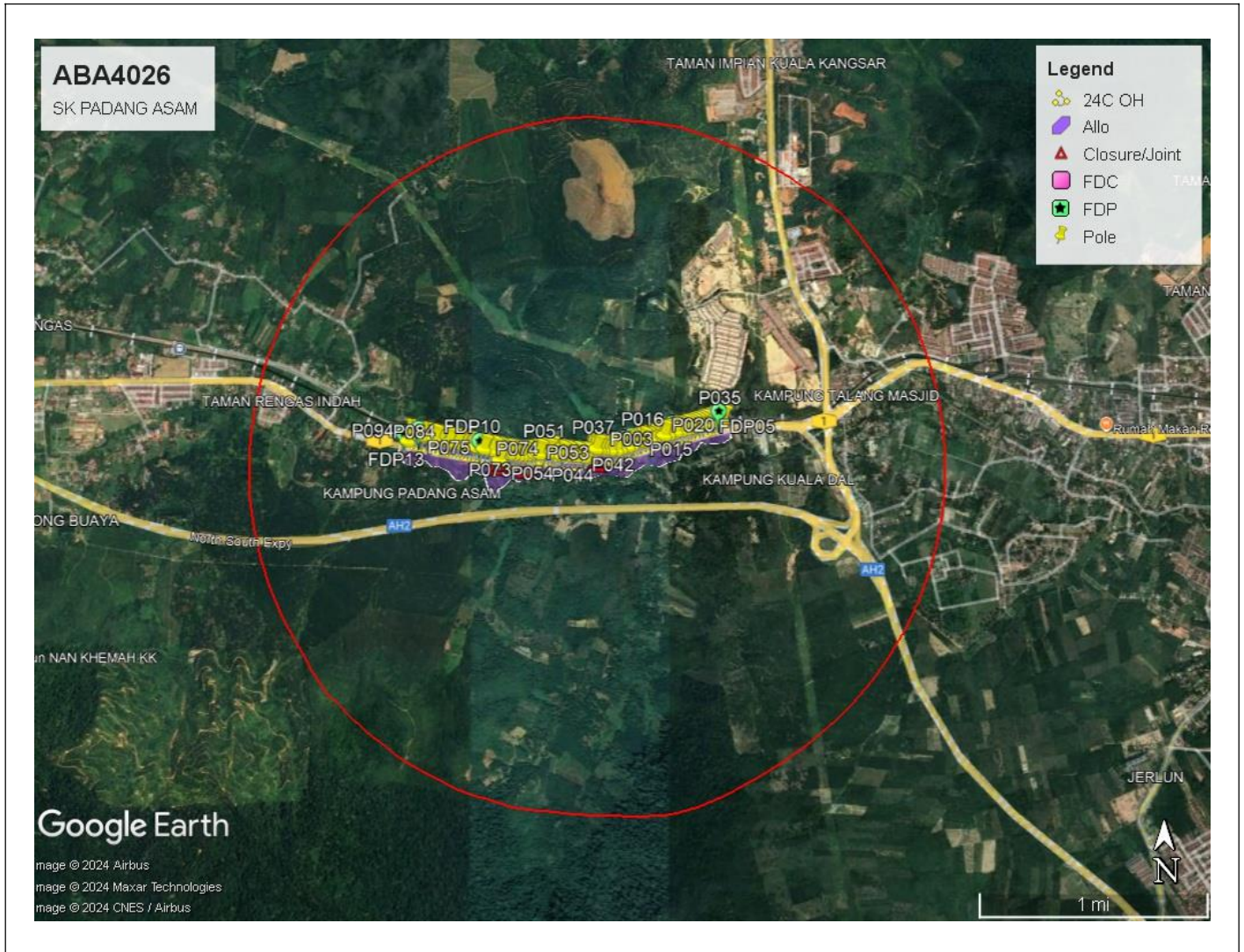
2.0 LOCAL AUTHORITY SUMMARY

Daerah Kuala Kangsar

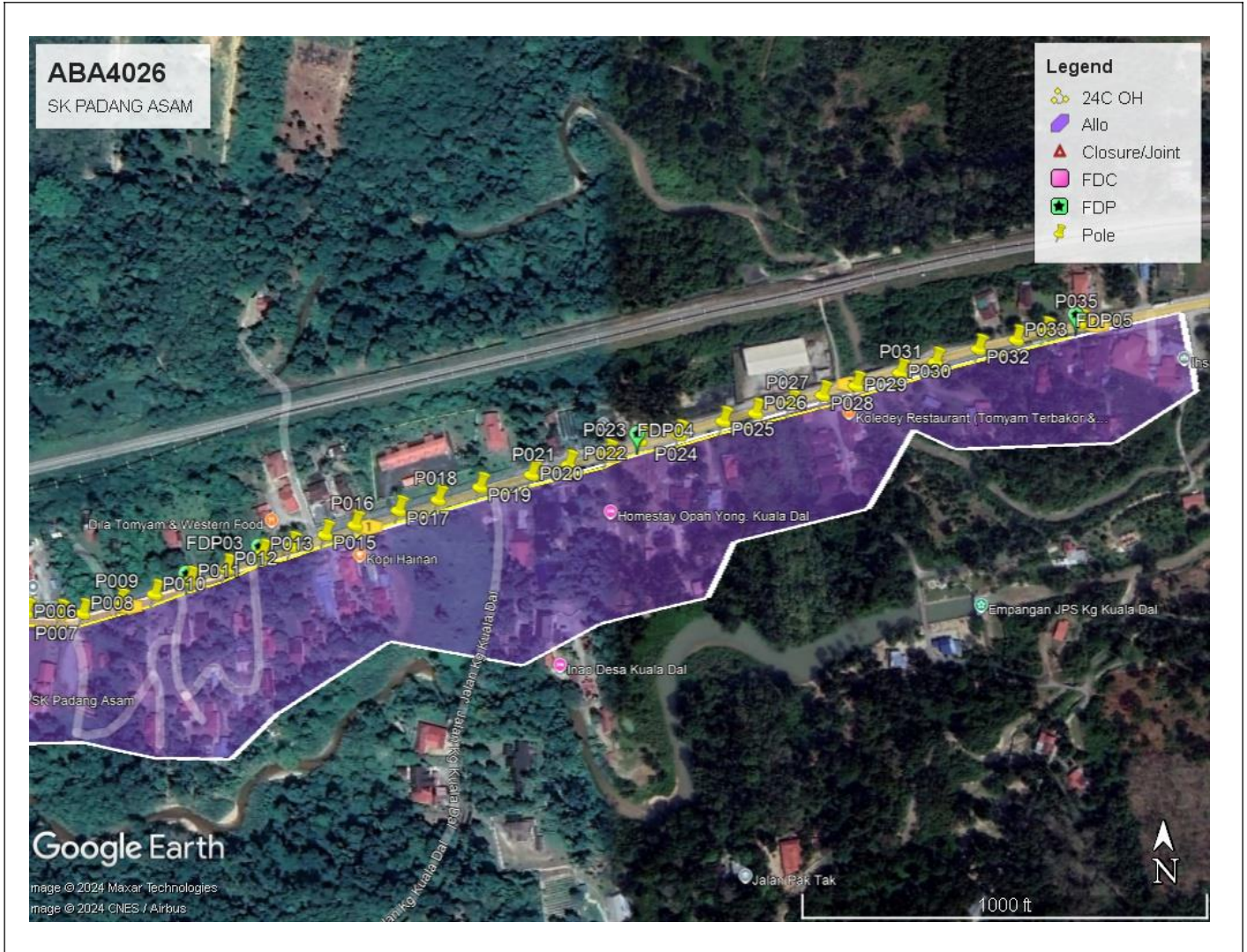
NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	75	2129
		Majlis	18	550
		Estate / Private Land	-	-
Total Distance (m)				2679

3.0 SITE PLAN (KMZ)

3.1 Overview Site Area







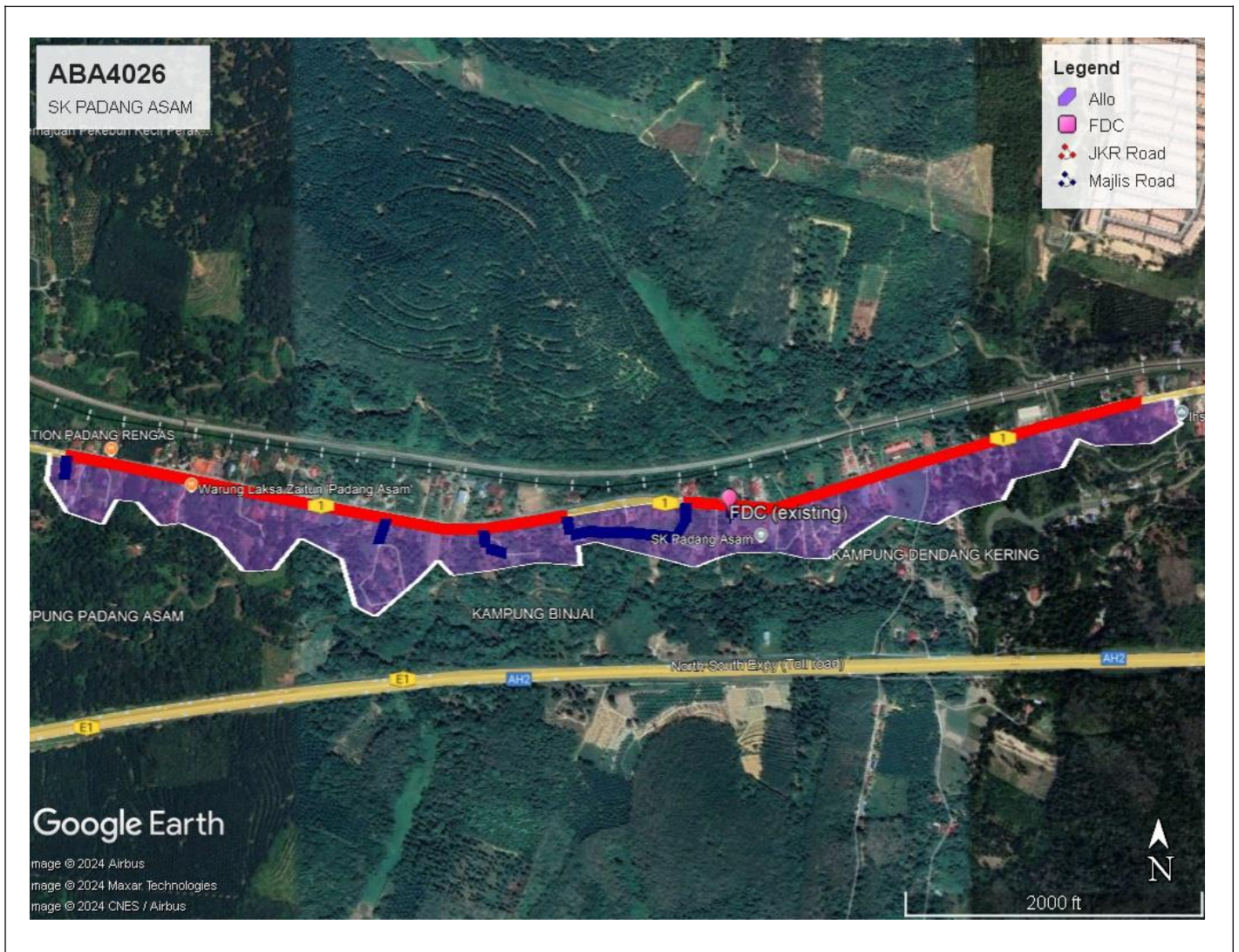




3.2 Site Plan - KMZ Routing (All Local Authority)

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 (Existing FDC Pole)	0	4.770290	100.885212	Majlis Perbandaran Kuala Kangsar
2	P002	10	4.770371	100.885207	Majlis Perbandaran Kuala Kangsar
3	P003	13	4.770480	100.885214	JKR Daerah Kuala Kangsar
4	P004	18	4.770472	100.885366	JKR Daerah Kuala Kangsar
5	P005	16	4.770463	100.885506	JKR Daerah Kuala Kangsar
6	P006	24	4.770449	100.885712	JKR Daerah Kuala Kangsar
7	P007	27	4.770438	100.885942	JKR Daerah Kuala Kangsar
8	P008	19	4.770442	100.886101	JKR Daerah Kuala Kangsar
9	P009	30	4.770516	100.886355	JKR Daerah Kuala Kangsar
10	P010	28	4.770573	100.886595	JKR Daerah Kuala Kangsar
11	P011	30	4.770663	100.886839	JKR Daerah Kuala Kangsar
12	P012	30	4.770749	100.887093	JKR Daerah Kuala Kangsar
13	P013	31	4.770852	100.887341	JKR Daerah Kuala Kangsar
14	P014	24	4.770905	100.887545	JKR Daerah Kuala Kangsar
15	P015	28	4.770985	100.887779	JKR Daerah Kuala Kangsar
16	P016	25	4.771052	100.887986	JKR Daerah Kuala Kangsar
17	P017	36	4.771152	100.888287	JKR Daerah Kuala Kangsar
18	P018	33	4.771226	100.888564	JKR Daerah Kuala Kangsar
19	P019	34	4.771314	100.888855	JKR Daerah Kuala Kangsar
20	P020	42	4.771399	100.889214	JKR Daerah Kuala Kangsar
21	P021	30	4.771467	100.889470	JKR Daerah Kuala Kangsar
22	P022	32	4.771539	100.889741	JKR Daerah Kuala Kangsar
23	P023	28	4.771636	100.889961	JKR Daerah Kuala Kangsar
24	P024	31	4.771674	100.890233	JKR Daerah Kuala Kangsar
25	P025	36	4.771767	100.890537	JKR Daerah Kuala Kangsar
26	P026	27	4.771823	100.890760	JKR Daerah Kuala Kangsar
27	P027	29	4.771886	100.891003	JKR Daerah Kuala Kangsar
28	P028	27	4.771949	100.891233	JKR Daerah Kuala Kangsar
29	P029	29	4.772018	100.891470	JKR Daerah Kuala Kangsar
30	P030	36	4.772109	100.891779	JKR Daerah Kuala Kangsar
31	P031	29	4.772184	100.892024	JKR Daerah Kuala Kangsar
32	P032	35	4.772272	100.892319	JKR Daerah Kuala Kangsar
33	P033	32	4.772336	100.892582	JKR Daerah Kuala Kangsar
34	P034	24	4.772393	100.892784	JKR Daerah Kuala Kangsar
35	P035	28	4.772452	100.893018	JKR Daerah Kuala Kangsar

36	P036	24	4.770498	100.885005	JKR Daerah Kuala Kangsar
37	P037	24	4.770519	100.884788	JKR Daerah Kuala Kangsar
38	P038	22	4.770535	100.884592	JKR Daerah Kuala Kangsar
39	P039	23	4.770522	100.884393	JKR Daerah Kuala Kangsar
40	P040	30	4.770256	100.884379	Majlis Perbandaran Kuala Kangsar
41	P041	35	4.769977	100.884243	Majlis Perbandaran Kuala Kangsar
42	P042	27	4.769980	100.884004	Majlis Perbandaran Kuala Kangsar
43	P043	27	4.769993	100.883764	Majlis Perbandaran Kuala Kangsar
44	P044	36	4.770031	100.883448	Majlis Perbandaran Kuala Kangsar
45	P045	35	4.770058	100.883143	Majlis Perbandaran Kuala Kangsar
46	P046	34	4.770088	100.882843	Majlis Perbandaran Kuala Kangsar
47	P047	38	4.770081	100.882500	Majlis Perbandaran Kuala Kangsar
48	P048	34	4.770039	100.882201	Majlis Perbandaran Kuala Kangsar
49	P049	37	4.770352	100.882120	JKR Daerah Kuala Kangsar
50	P050	26	4.770309	100.881907	JKR Daerah Kuala Kangsar
51	P051	33	4.770264	100.881627	JKR Daerah Kuala Kangsar
52	P052	32	4.770225	100.881359	JKR Daerah Kuala Kangsar
53	P053	32	4.770189	100.881069	JKR Daerah Kuala Kangsar
54	P054	27	4.770150	100.880839	JKR Daerah Kuala Kangsar
55	P055	33	4.770085	100.880554	JKR Daerah Kuala Kangsar
56	P056	19	4.769918	100.880563	Majlis Perbandaran Kuala Kangsar
57	P057	20	4.769751	100.880563	Majlis Perbandaran Kuala Kangsar
58	P058	25	4.769676	100.880760	Majlis Perbandaran Kuala Kangsar
59	P059	23	4.769625	100.880948	Majlis Perbandaran Kuala Kangsar
60	P060	23	4.770060	100.880360	JKR Daerah Kuala Kangsar
61	P061	22	4.770059	100.880170	JKR Daerah Kuala Kangsar
62	P062	28	4.770061	100.879926	JKR Daerah Kuala Kangsar
63	P063	26	4.770088	100.879696	JKR Daerah Kuala Kangsar
64	P064	33	4.770138	100.879407	JKR Daerah Kuala Kangsar
65	P065	32	4.770193	100.879125	JKR Daerah Kuala Kangsar
66	P066	29	4.770230	100.878882	JKR Daerah Kuala Kangsar
67	P067	26	4.770260	100.878658	JKR Daerah Kuala Kangsar
68	P068	19	4.770095	100.878607	Majlis Perbandaran Kuala Kangsar
69	P069	18	4.769948	100.878560	Majlis Perbandaran Kuala Kangsar
70	P070	17	4.769805	100.878514	Majlis Perbandaran Kuala Kangsar
71	P071	23	4.770308	100.878460	JKR Daerah Kuala Kangsar
72	P072	23	4.770349	100.878266	JKR Daerah Kuala Kangsar
73	P073	21	4.770383	100.878092	JKR Daerah Kuala Kangsar
74	P074	33	4.770441	100.877806	JKR Daerah Kuala Kangsar
75	P075	37	4.770508	100.877484	JKR Daerah Kuala Kangsar
76	P076	35	4.770568	100.877191	JKR Daerah Kuala Kangsar
77	P077	28	4.770614	100.876948	JKR Daerah Kuala Kangsar

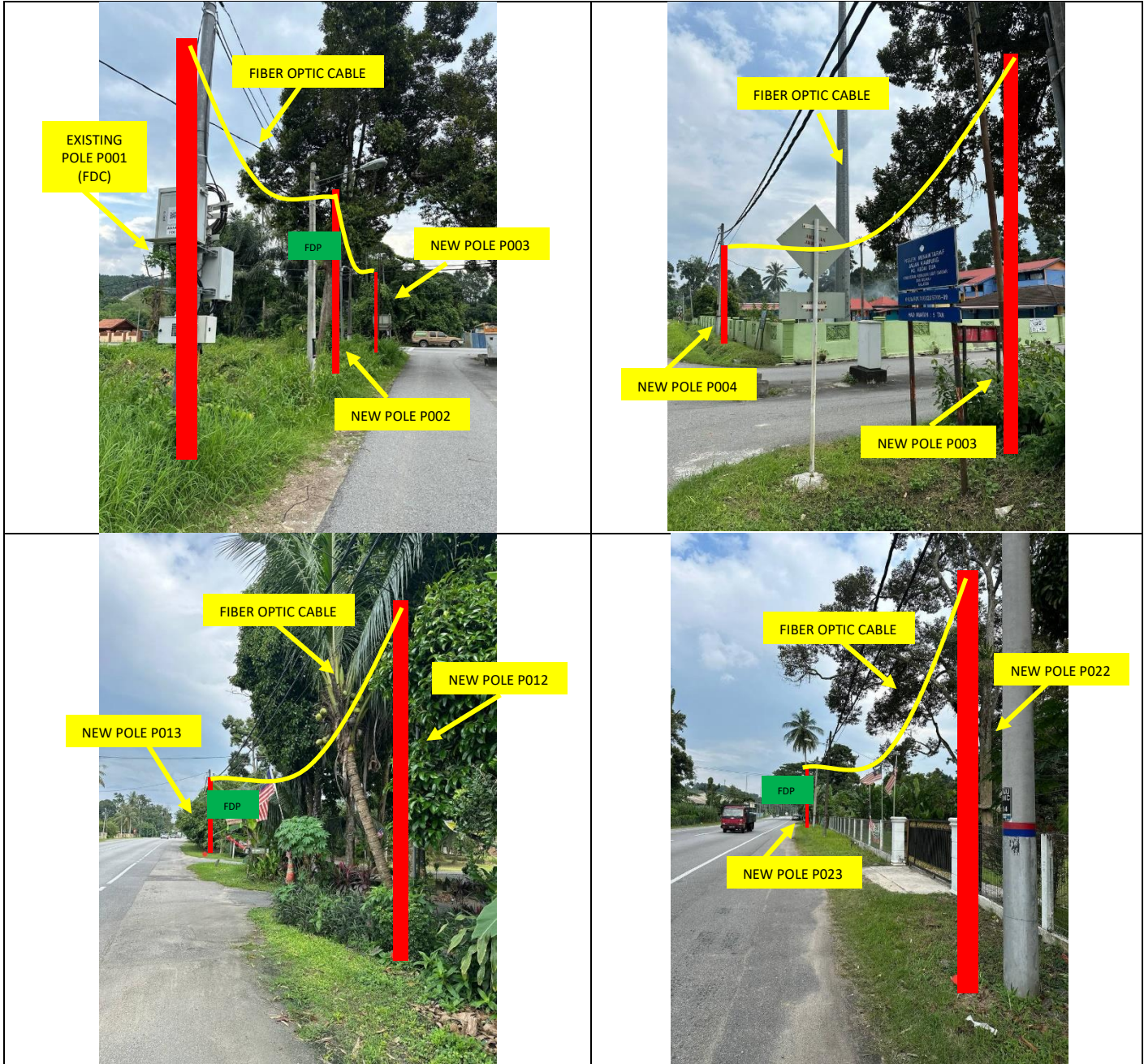


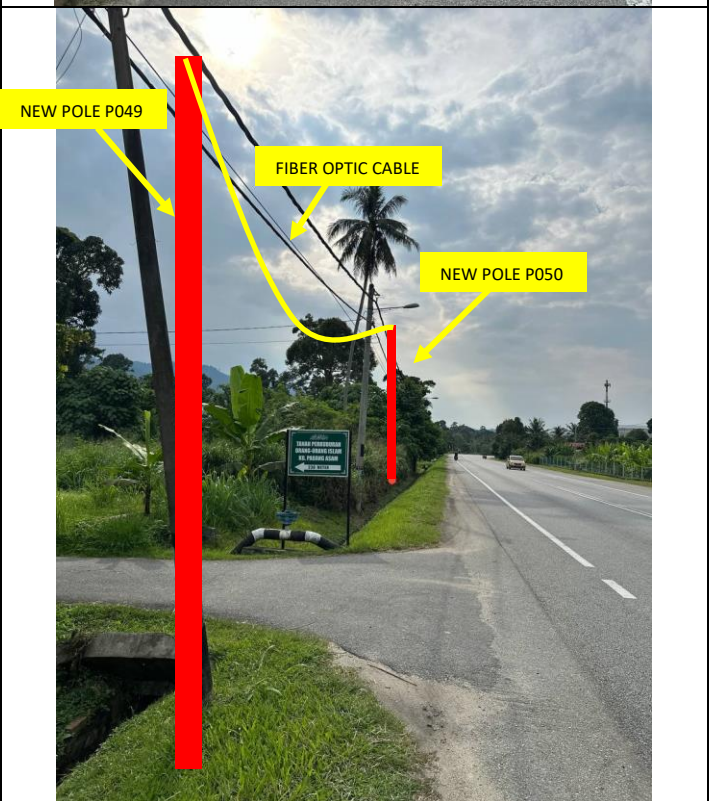
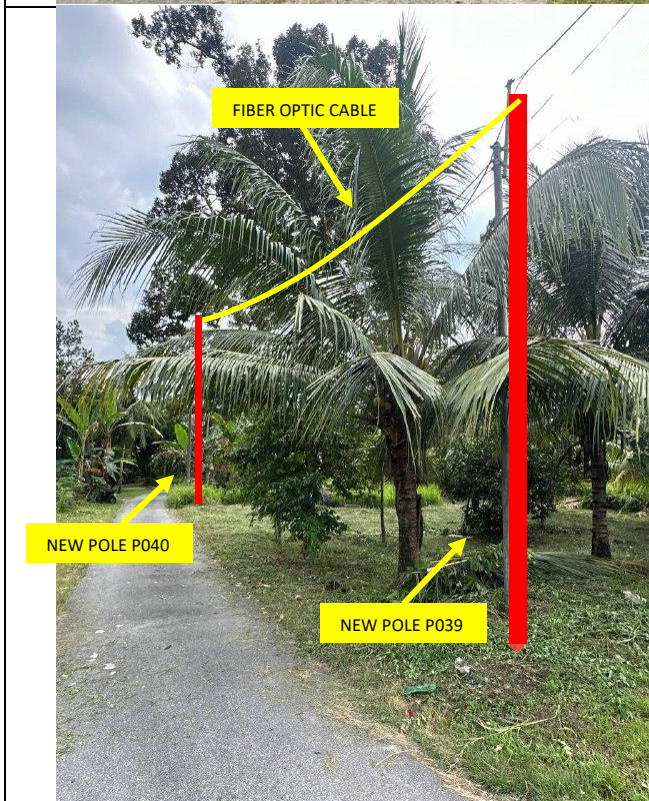
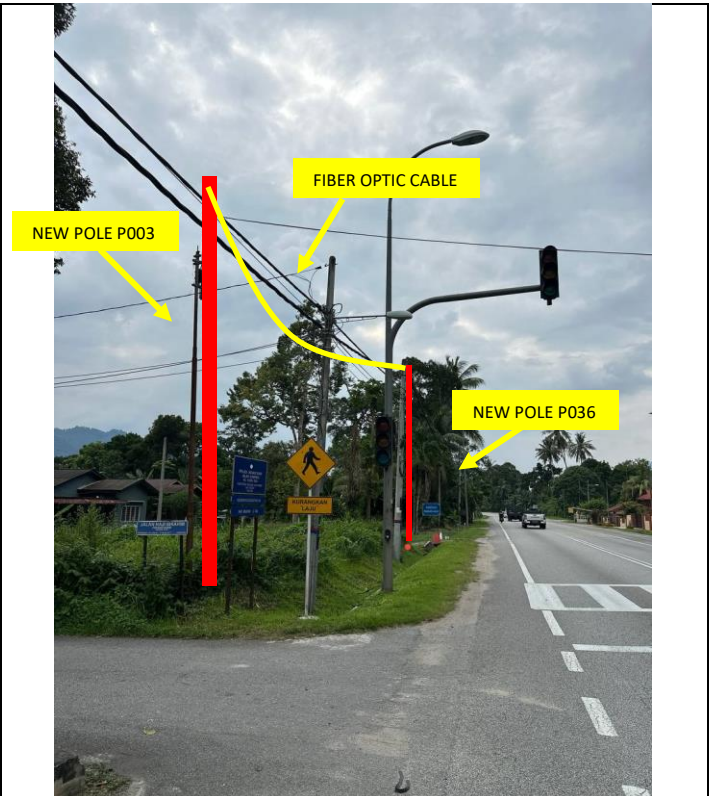
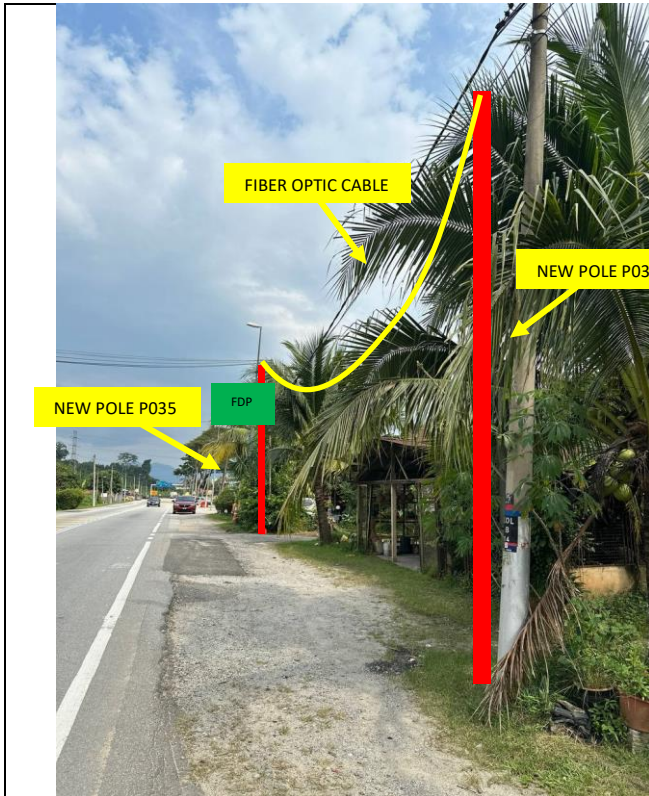
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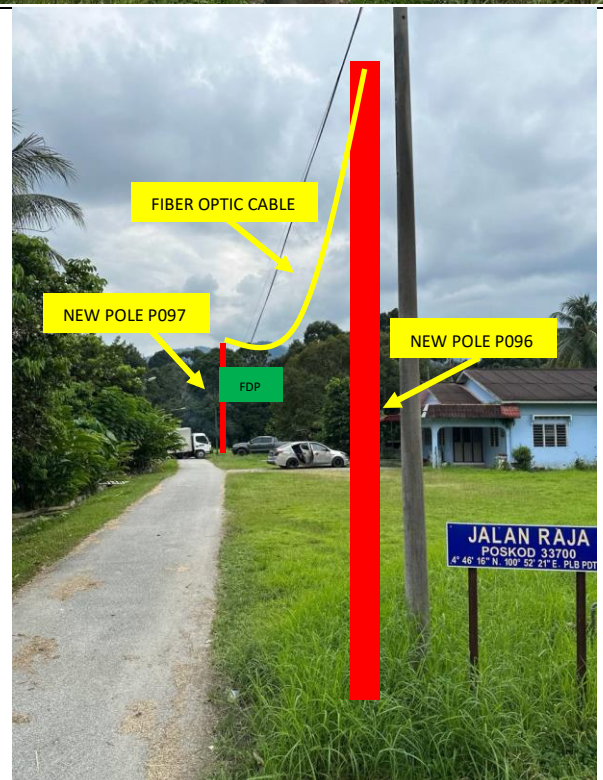
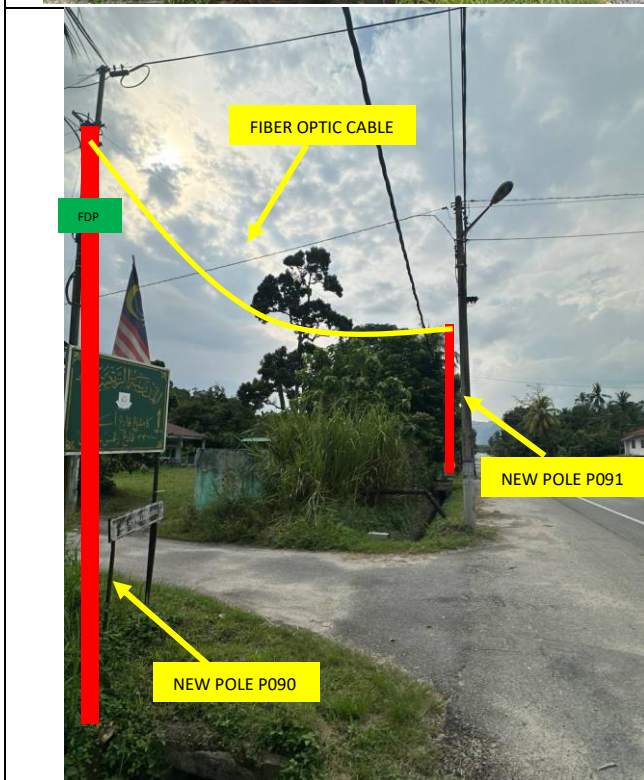
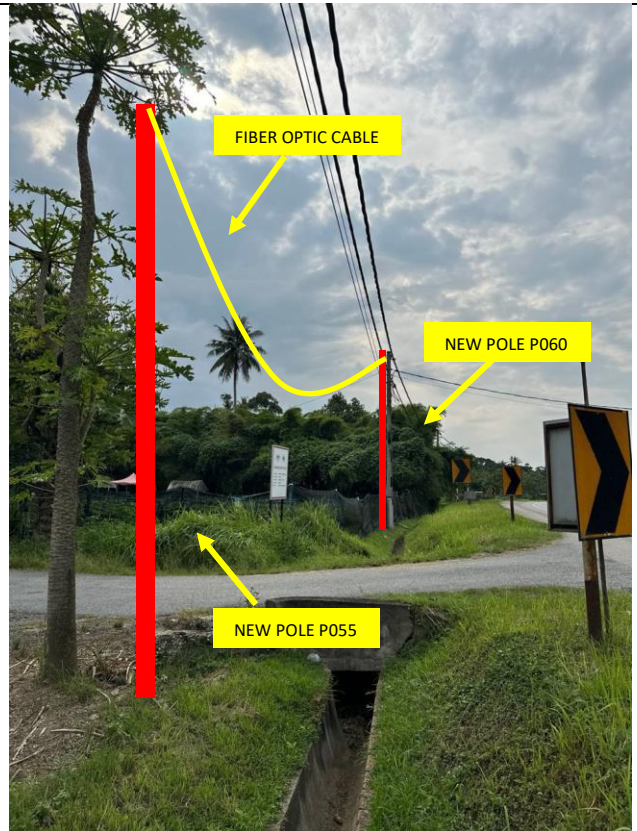
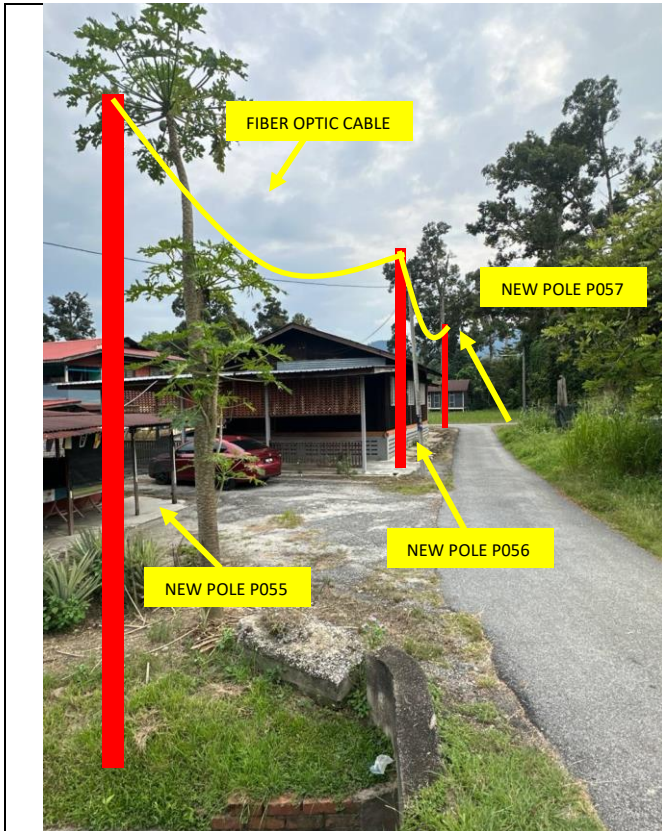


78	P078	29	4.770668	100.876697	JKR Daerah Kuala Kangsar
79	P079	28	4.770708	100.876446	JKR Daerah Kuala Kangsar
80	P080	28	4.770752	100.876214	JKR Daerah Kuala Kangsar
81	P081	26	4.770801	100.875984	JKR Daerah Kuala Kangsar
82	P082	26	4.770862	100.875763	JKR Daerah Kuala Kangsar
83	P083	29	4.770904	100.875513	JKR Daerah Kuala Kangsar
84	P084	32	4.770955	100.875232	JKR Daerah Kuala Kangsar
85	P085	33	4.771028	100.874948	JKR Daerah Kuala Kangsar
86	P086	37	4.771069	100.874619	JKR Daerah Kuala Kangsar
87	P087	39	4.771139	100.874288	JKR Daerah Kuala Kangsar
88	P088	34	4.771210	100.874000	JKR Daerah Kuala Kangsar
89	P089	35	4.771268	100.873704	JKR Daerah Kuala Kangsar
90	P090	23	4.771299	100.873508	JKR Daerah Kuala Kangsar
91	P091	35	4.771364	100.873215	JKR Daerah Kuala Kangsar
92	P092	31	4.771426	100.872946	JKR Daerah Kuala Kangsar
93	P093	41	4.771487	100.872594	JKR Daerah Kuala Kangsar
94	P094	53	4.771023	100.872549	Majlis Perbandaran Kuala Kangsar

5.0 SITE PHOTOS - PROPOSED NEW POLE







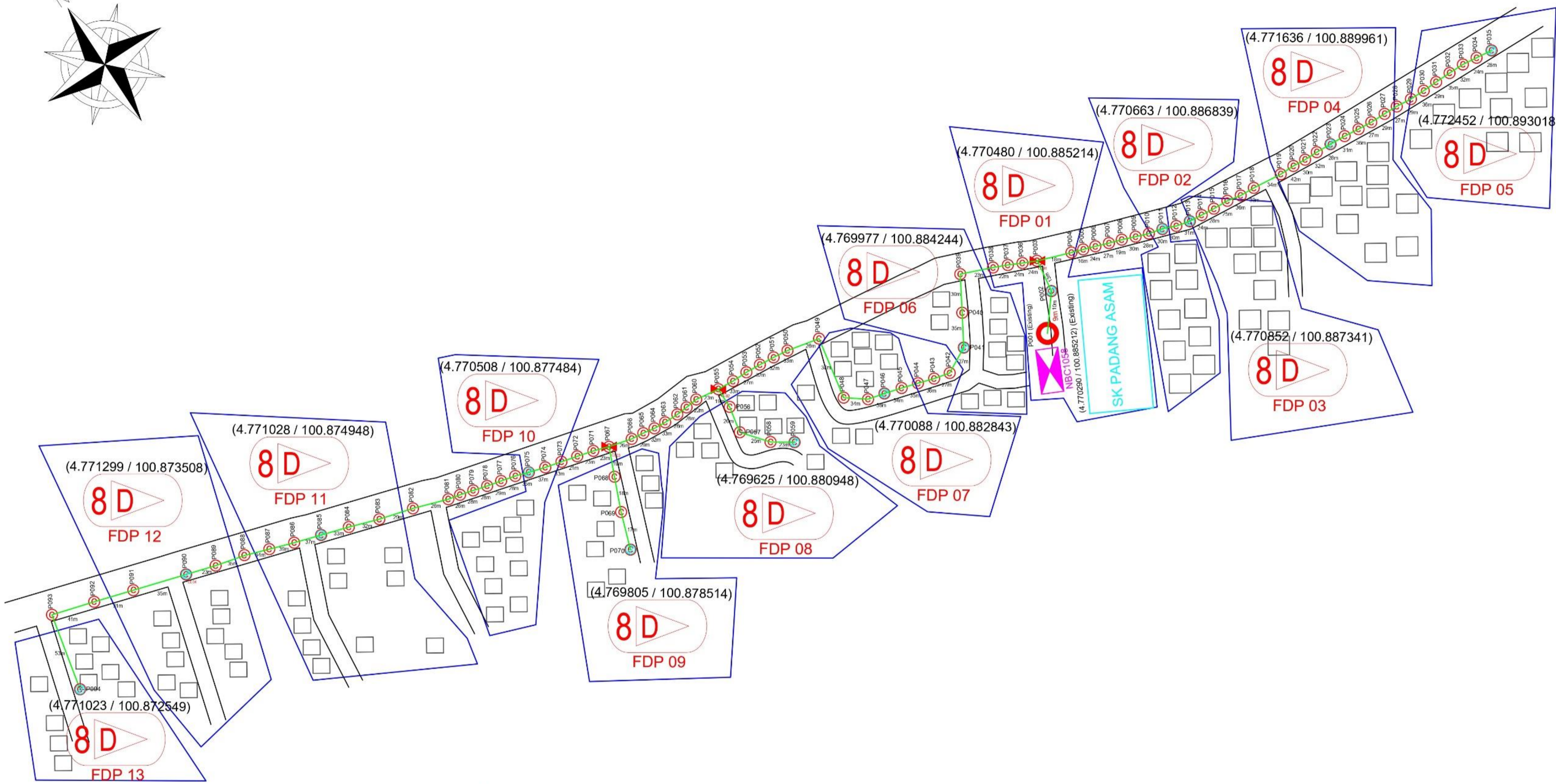
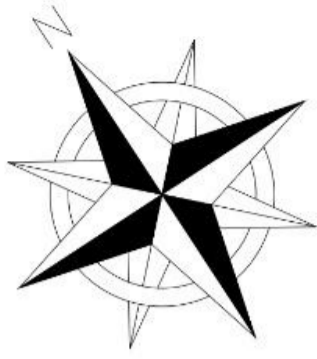


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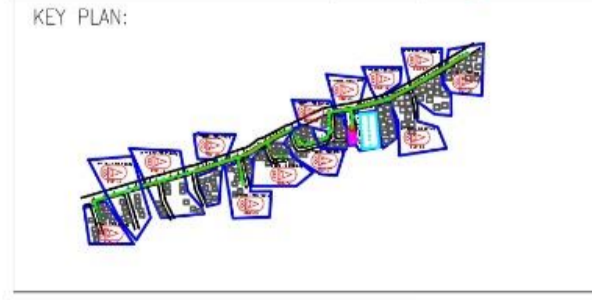
6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Perbandaran Kuala Kangsar	550 m
2	JKR Daerah Kuala Kangsar	2129 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	2679m	FDC	1	Installed Riser	7C3C	New Manhole (PIT)	NBD#	FDC NO.	DP1	FDP NO.
48C FOC		Closure	3	FDP with (1:8) splitter	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)	93	Tension		Loop / Coil (Meter)	P001	New Pole NO.		

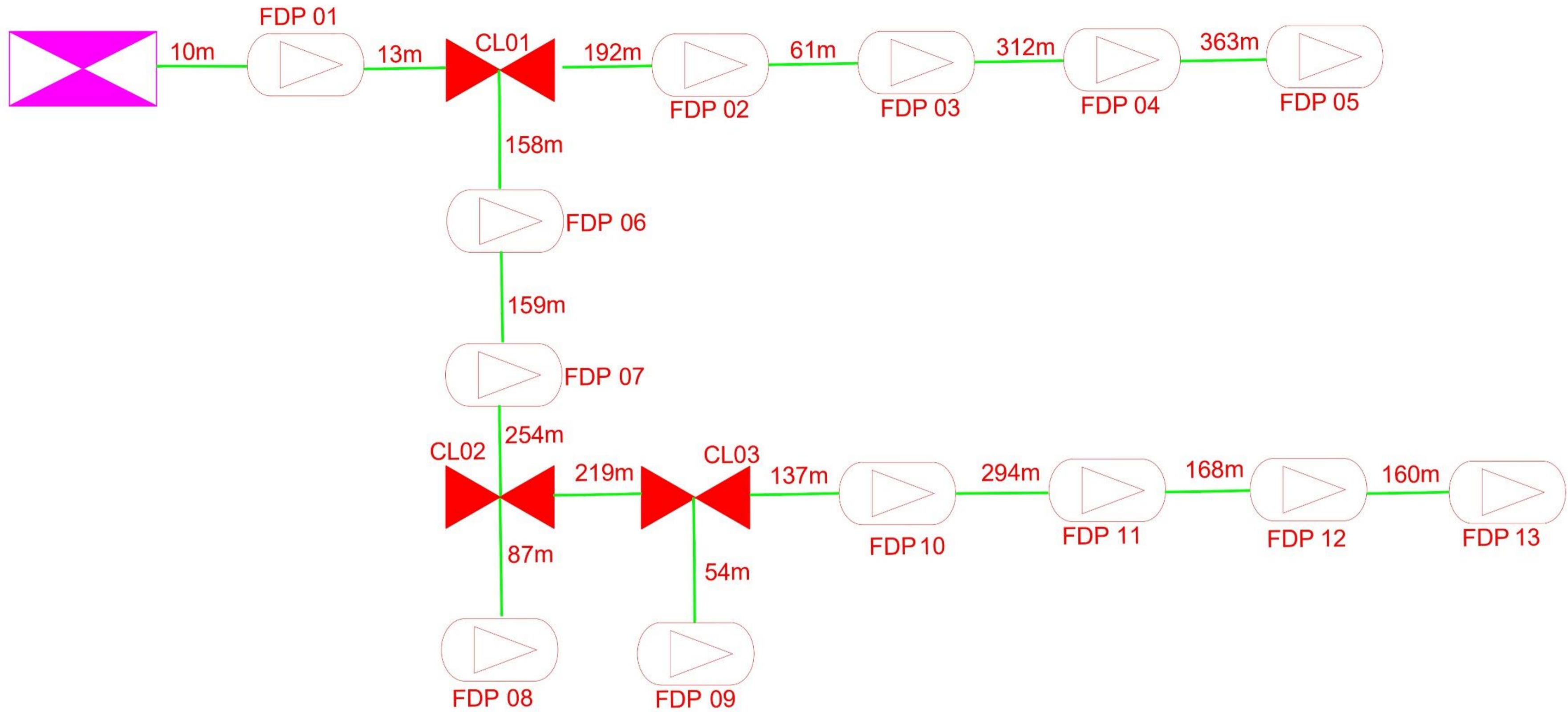
ACTUAL HOMEPASS : 104



PROJECT TITLE:
CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 PROJECT (D-SIDE) - ABA4026 - SK PADANG ASAM

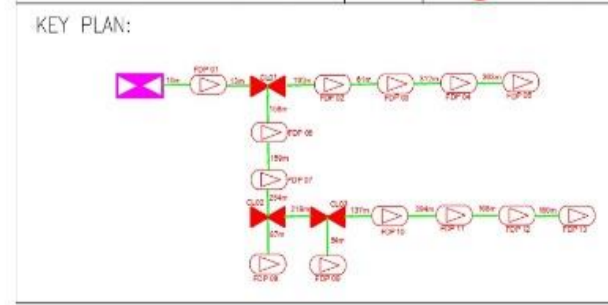
DRAWING TITLE:
CONSTRUCTION DRAWING - SK PADANG ASAM

Design By : M.DANIEAL ADIKHA	Date : 31 DECEMBER 2024
Drawn By : M.DANIEAL ADIKHA	Scale :
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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	2679m	FDC	1	Installed Riser	UB 3C	New Manhole (PIT)	NBD#	FDC NO.	DP1	FDP NO.
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144C FOC		Installed Pole (7.5m)	93	Tension		Loop / Coil (Meter)	P001	New Pole NO.		

ACTUAL HOMEPASS : 104



PROJECT OWNER:

KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR:

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) - ABA4026 - SK PADANG ASAM

DRAWING TITLE:
CONSTRUCTION DRAWING - SK PADANG ASAM

PROJECT PHASE:

Design By : M.DANIEAL ADIKHA	Date : 31 DECEMBER 2024
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