



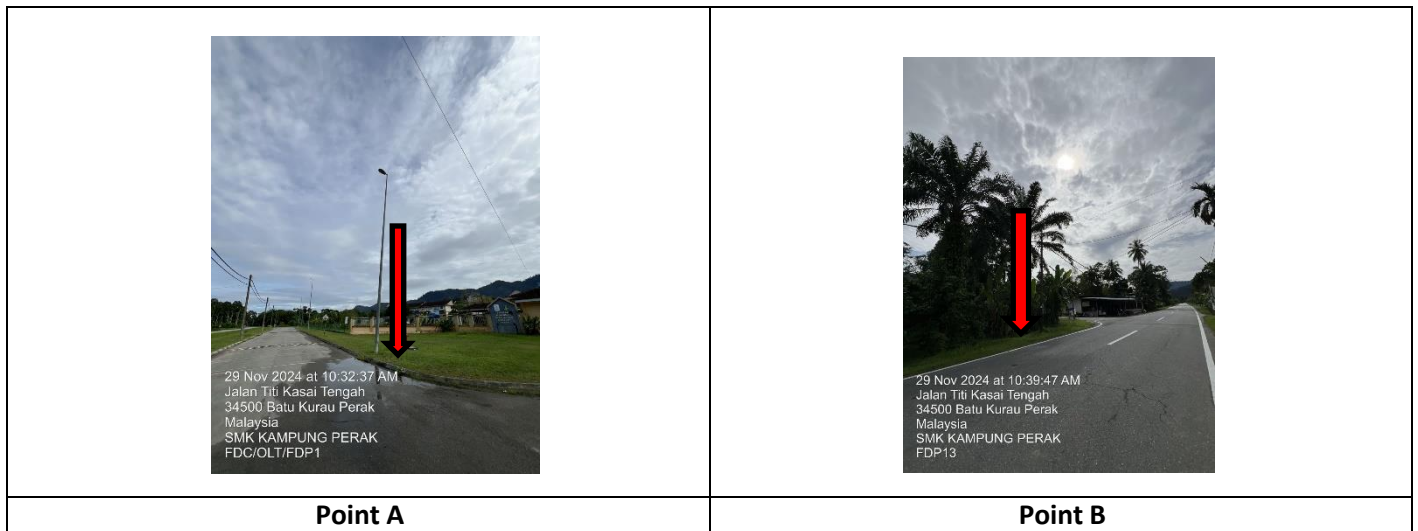
PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
 FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN
 SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI
 SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA
 (KKMM.400-11/17/132(1))



TECHNICAL PROPOSAL

(POP2 AEA6159 SEKOLAH MENENGAH KEBANGSAAN KAMPONG PERAK (D-SIDE))

Company Name : Archway Mapping Services Sdn. Bhd.
Company Address : No 48-1, Jalan TU39A, Ayer Keroh Melaka
Prepared By : Muhammad Adham
Date : 05/12/2024



Starting Point

Site / Boundary Name : BATU KURAU
Address : SMK KAMPUNG PERAK
District : LARUT MATANG
Postcode : 34500
State : PERAK
GPS Coordinate : 4.944836, 100.811623
LRD : A

End Point

Site / Boundary Name : BATU KURAU
Address : JALAN KAMPUNG REPOH, PERAK
District : LARUT MATANG
Postcode : 34500
State : PERAK
GPS Coordinate : 4.950326,100.810617
LRD : B



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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			

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	2380
2	Install New Pole	ea	58
3	Install New JRC7 Manhole	ea	0
4	Install GI Riser 100mm	m	0
5	Install Fiber Distribution Point	ea	13
6	Install Closure	ea	1
7	Estimated Time Required for Completion	days	14

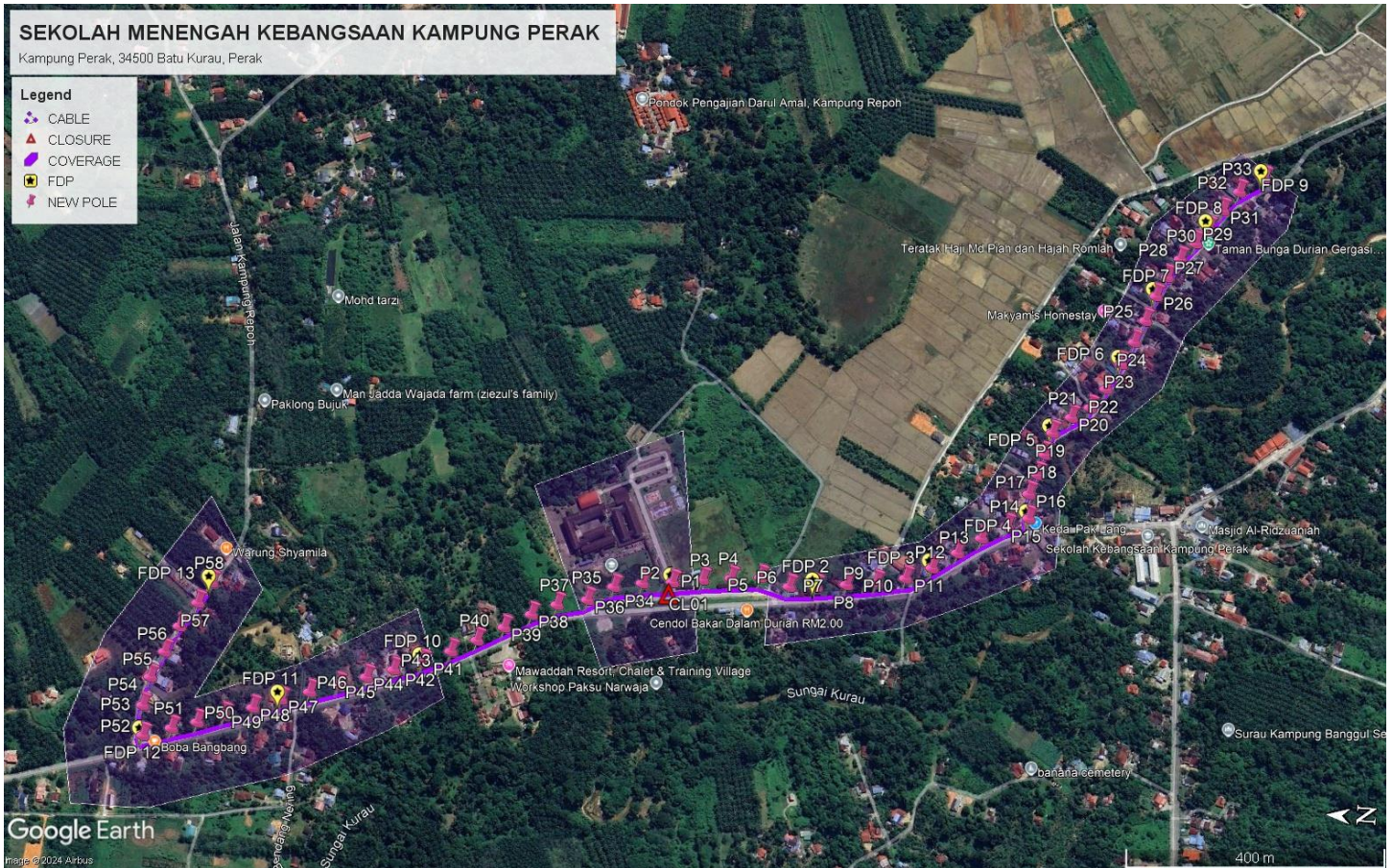
2.0 LOCAL AUTHORITY SUMMARY

Daerah Larut Matang

Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	34	1438m
		Majlis	24	942m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				2380m

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 FDP

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	0	4.943863	100.811144	JKR Road
2	T002	35	4.943881	100.811141	JKR Road
3	T003	35	4.943463	100.811212	JKR Road
4	T004	35	4.943065	100.811264	JKR Road
5	T005	35	4.942654	100.811311	JKR Road
6	T006	35	4.942244	100.811215	JKR Road
7	T007	35	4.941873	100.811246	JKR Road
8	T008	35	4.941446	100.811307	JKR Road
9	T009	35	4.941035	100.811372	JKR Road
10	T010	35	4.940633	100.811466	JKR Road
11	T011	35	4.940274	100.811640	JKR Road
12	T012	35	4.939935	100.811879	JKR Road
13	T013	35	4.939612	100.812110	JKR Road
14	T014	35	4.939267	100.812312	JKR Road
15	T015	35	4.938974	100.812444	JKR Road
16	T016	35	4.938997	100.812788	Majlis Daerah Road
17	T017	35	4.938891	100.813070	Majlis Daerah Road
18	T018	35	4.938813	100.913362	Majlis Daerah Road
19	T019	35	4.938718	100.813673	Majlis Daerah Road
20	T020	35	4.938472	100.813913	Majlis Daerah Road
21	T021	35	4.938219	100.814073	Majlis Daerah Road
22	T022	35	4.938017	100.814354	Majlis Daerah Road
23	T023	35	4.937822	100.814723	Majlis Daerah Road
24	T024	35	4.937662	100.815048	Majlis Daerah Road
25	T025	35	4.937533	100.815363	Majlis Daerah Road
26	T026	35	4.937409	100.815722	Majlis Daerah Road
27	T027	35	4.937269	100.816007	Majlis Daerah Road
28	T028	35	4.937099	100.816278	Majlis Daerah Road
29	T029	35	4.936898	100.816520	Majlis Daerah Road
30	T030	35	4.936732	100.816748	Majlis Daerah Road
31	T031	35	4.936549	100.817020	Majlis Daerah Road
32	T032	35	4.936343	100.817296	Majlis Daerah Road
33	T033	35	4.936008	100.817519	Majlis Daerah Road
34	T034	35	4.944303	100.811092	JKR Road
35	T035	35	4.944696	100.811012	JKR Road
36	T036	35	4.945050	100.810800	JKR Road
37	T037	35	4.945472	100.810695	JKR Road
38	T038	35	4.945820	100.810531	JKR Road
39	T039	35	4.946181	100.810323	JKR Road

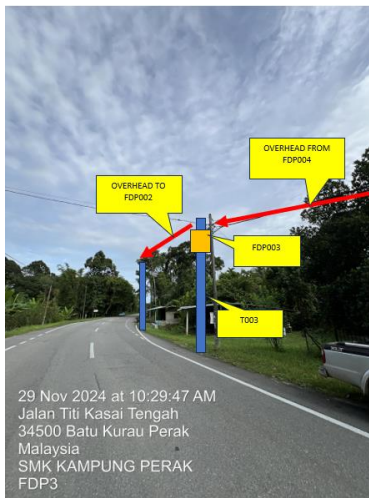


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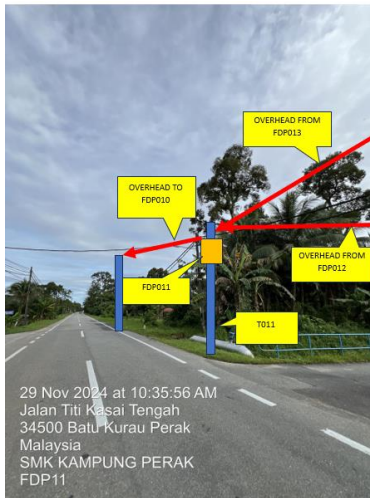
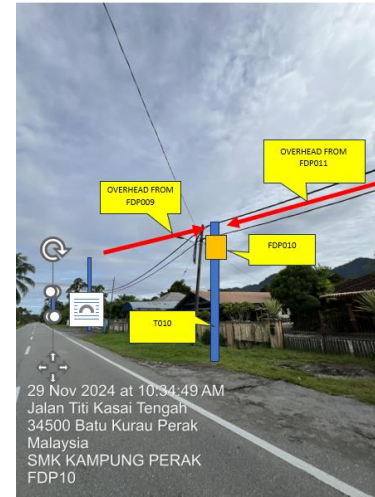
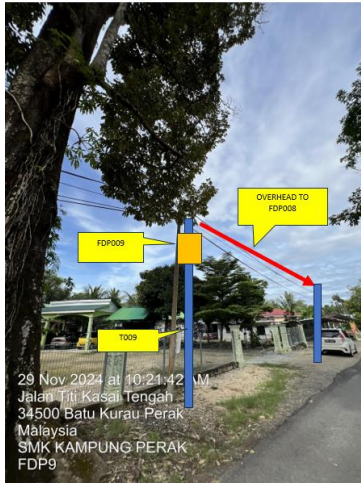


40	T040	35	4.946545	100.810114	JKR Road
41	T041	35	4.946894	100.809931	JKR Road
42	T042	35	4.947273	100.809750	JKR Road
43	T043	35	4.947667	100.809612	JKR Road
44	T044	35	4.948037	100.809480	JKR Road
45	T045	35	4.948419	100.809342	JKR Road
46	T046	35	4.948811	100.809208	JKR Road
47	T047	35	4.949206	100.809067	JKR Road
48	T048	35	4.949587	100.808923	JKR Road
49	T049	35	4.949978	100.808792	JKR Road
50	T050	35	4.950350	100.808657	JKR Road
51	T051	35	4.950708	100.808541	JKR Road
52	T052	35	4.957096	100.808409	JKR Road
53	T053	35	4.951141	100.808826	Majlis Daerah Road
54	T054	35	4.951079	100.809228	Majlis Daerah Road
55	T055	35	4.950900	100.809599	Majlis Daerah Road
56	T056	35	4.950723	100.809971	Majlis Daerah Road
57	T057	35	4.950496	100.810319	Majlis Daerah Road
58	T058	35	43950326	100.810617	Majlis Daerah Road

5.0 SITE PHOTOS - PROPOSED NEW POLE

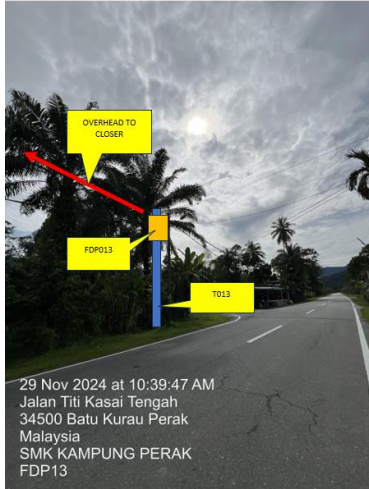








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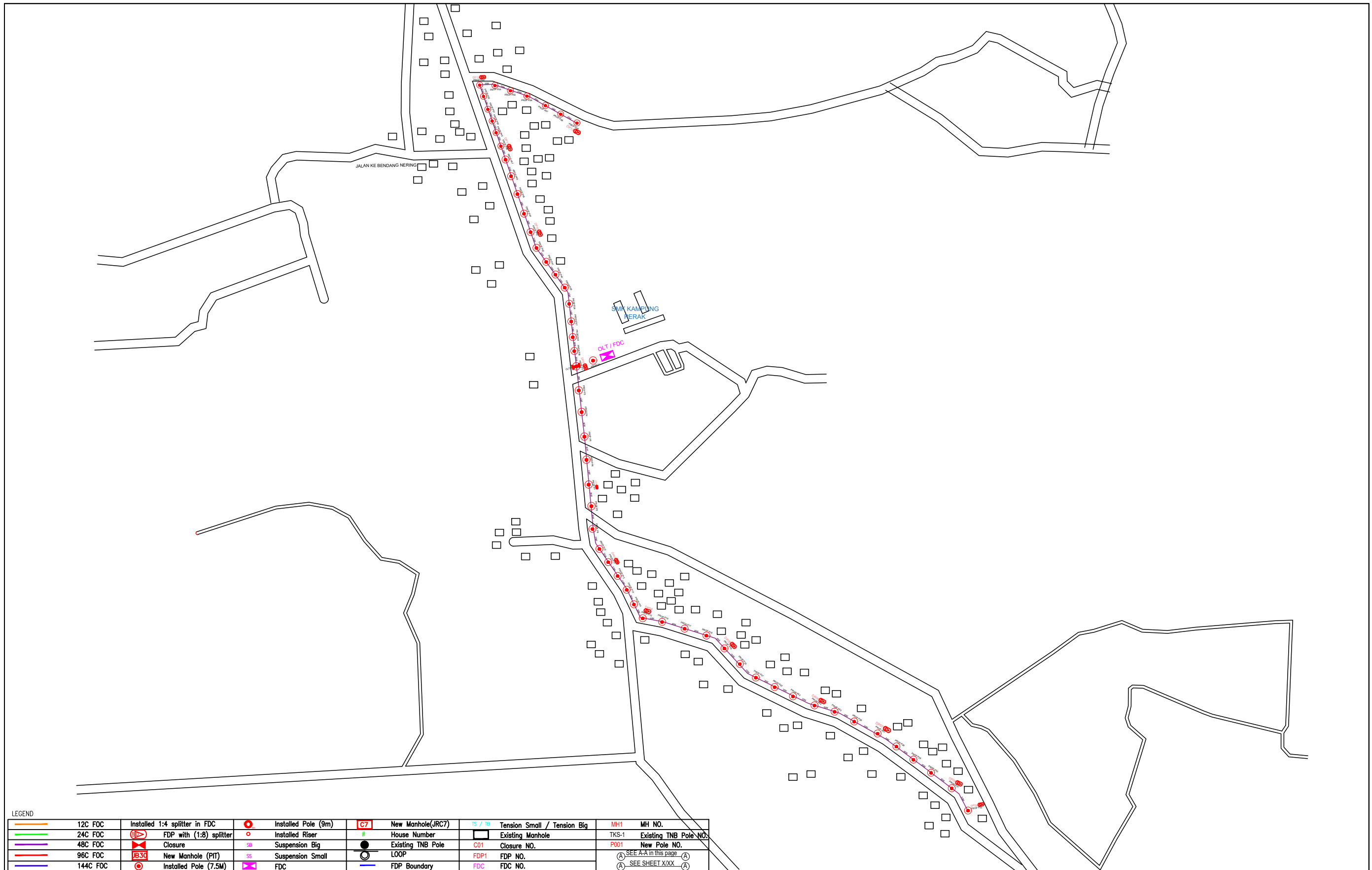


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6.0 3rd PARTIES DEPENDENCIES

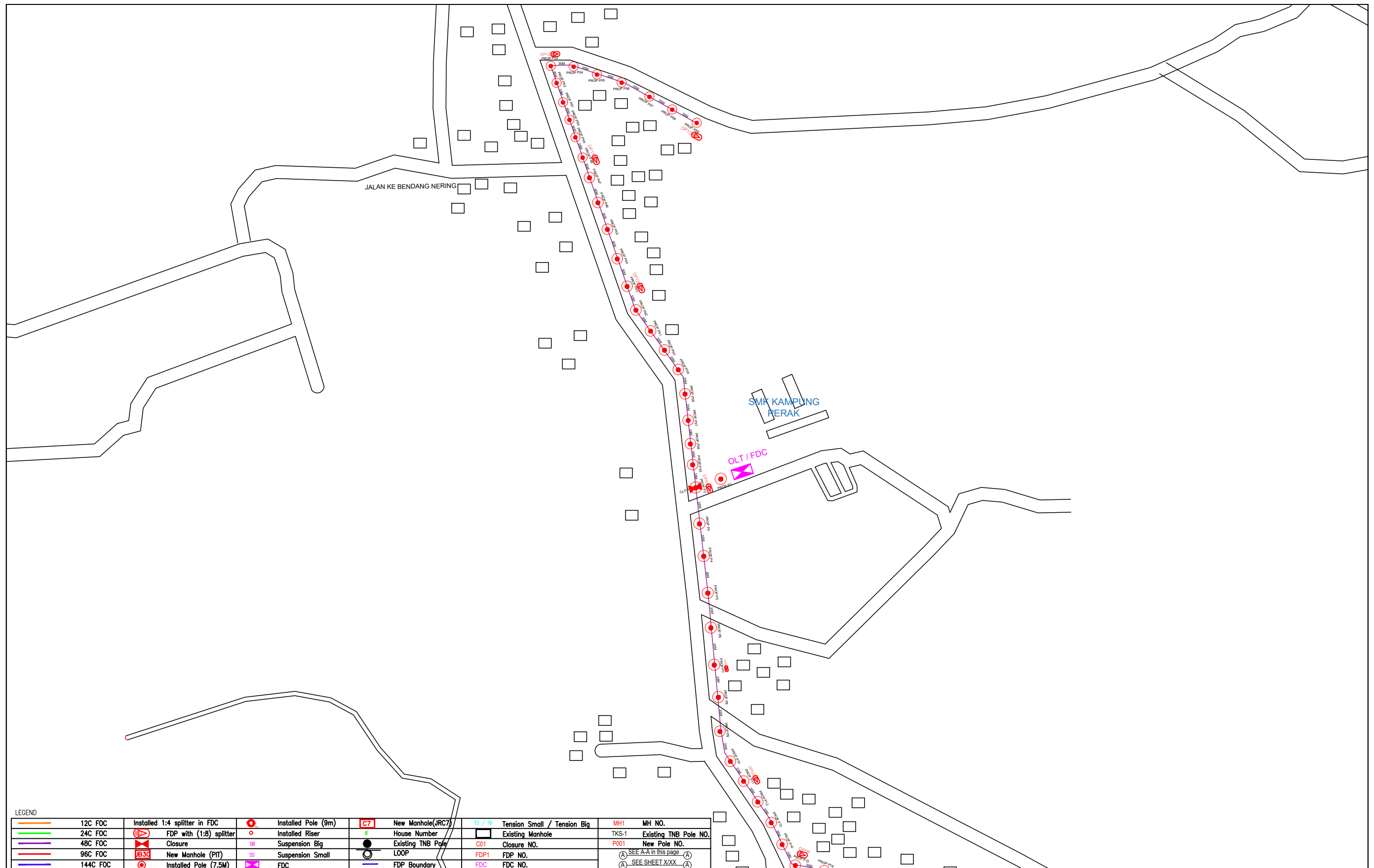
NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Larut Matang	2380m



LEGEND

12C FOC	Installed 1:4 splitter in FDC	Installed Pole (9m)	C7	New Manhole(JRC7)	TS / TB	Tension Small / Tension Big	MH1	MH NO.
24C FOC	FDP with (1:8) splitter	Installed Riser	#	House Number	TKS-1	Existing Manhole	TKS-1	Existing TNB Pole NO.
48C FOC	Closure	Suspension Big	●	Existing TNB Pole	C01	Closure NO.	P001	New Pole NO.
96C FOC	New Manhole (PIT)	Suspension Small	○	LOOP	FDP1	FDP NO.	(A)	SEE A IN THIS PAGE (A)
144C FOC	Installed Pole (7.5M)	FDC	—	FDP Boundary	FDC	FDC NO.	(A)	SEE SHEET XXX (A)

KEY PLAN :	PROJECT OWNER :  KEMENTERIAN KOMUNIKASI DAN DIGITAL	MAIN CONTRACTOR :  PRIVASAT	SUB-CONTRACTOR :  ARCHWAY MAPPING SERVICES SDN BHD No 48 Jalan TU 39A, Taman Tasik Utama, 75450 Ayer Keroh, Melaka Tel: 606-233 9165 Fax: 606-233 9162 Email : info@archwaymalaysia.com Website : www.archwaymalaysia.com	PROJECT TITLE: PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SMK KAMPUNG PERAK) TO PREMISES PASS AREA	DRAWING TITLE: SMK KAMPUNG PERAK	Design By : ENGINEER Date : DATE
					PROJECT PHASE: PROJECT PHASE	Drawn By : CAD ENGINEER Scale : NTS
						Checked By : ENGINEER Job Number : JOB/NUMBER
						DRAWING NUMBER : DRAWING/NUMBER
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						Sheet : 1/1 Size : A3



LEGEND

12C FOC	Installed 1:4 splitter in FDC	Installed Pole (9m)	C7	New Manhole(JRC7)	TS / TB	Tension Small / Tension Big	MH1	MH NO.
24C FOC	FDP with (1:8) splitter	Installed Riser	#	House Number	TKS-1	Existing Manhole	TKS-1	Existing TNB Pole NO.
48C FOC	Closure	Suspension Big	Existing TNB Pole	C01	Closure NO.	P001	New Pole NO.	
96C FOC	New Manhole (PIT)	Suspension Small	LOOP	FDP1	FDP NO.	(A)	SEE A-A in this page	
144C FOC	Installed Pole (7.5M)	FDC	FDP Boundary	FDC	FDC NO.	(A)	SEE SHEET XXX	


KEY PLAN :

PROJECT OWNER :




KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR



APEX COMMUNICATIONS SDN BHD



PRIVASAT

SUB-CONTRACTOR :



ARCHWAY MAPPING SERVICES SDN BHD

No 48 Jalan TU 39A, Taman Tasik Utama, 75450 Ayer Keroh, Melaka

Tel: 606-233 9165 Fax: 606-233 9162
Email: info@archwaymalaysia.com
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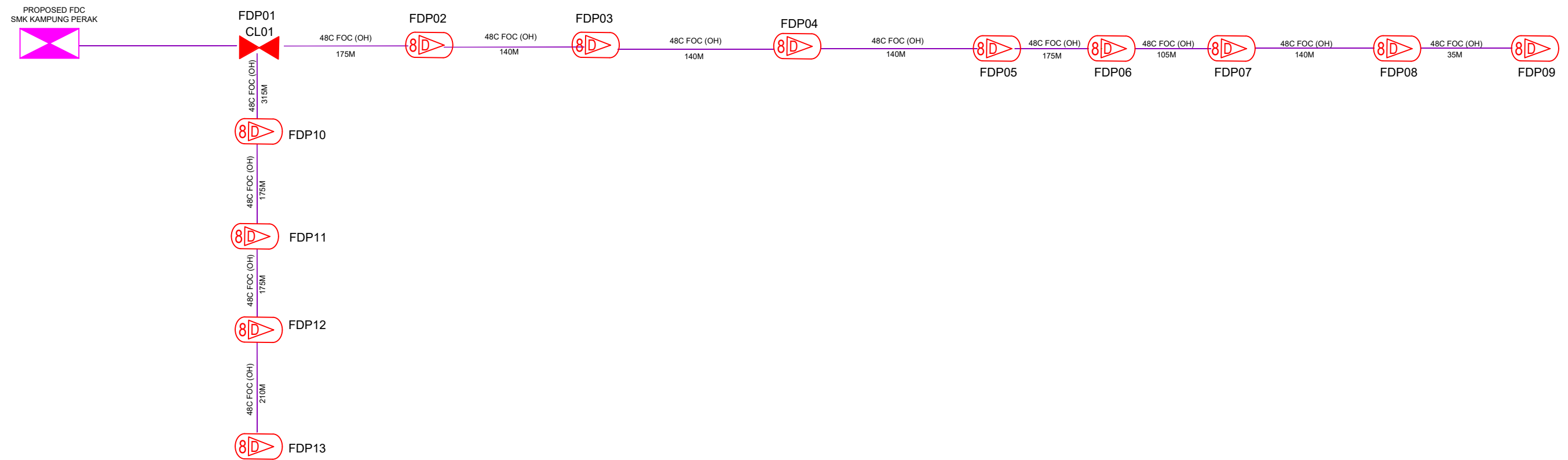
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LEGEND

	12C FOC		Installed 1:4 splitter in FDC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big		MH NO.
	24C FOC		FDP with (1:8) splitter		Installed Riser		House Number		Existing Manhole		Existing TNB Pole NO.
	48C FOC		Closure		Suspension Big		Existing TNB Pole		Closure NO.		New Pole NO.
	96C FOC		New Manhole (PIT)		Suspension Small		LOOP		FDP NO.		SEE A-A in this page
	144C FOC		Installed Pole (7.5M)		FDC		FDP Boundary		FDC NO.		SEE SHEET XXXX

KEY PLAN :	PROJECT OWNER : 	MAIN CONTRACTOR PRIVASAT	SUB-CONTRACTOR : ARCHWAY MAPPING SERVICES SDN BHD No 48 Jalan TU 39A, Taman Tasik Utama, 75450 Ayer Keroh, Melaka Tel: 606-233 9165 Fax: 606-233 9162 Email : info@archwaymalaysia.com Website : www.archwaymalaysia.com	PROJECT TITLE: PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SMK KAMPUNG PERAK) TO PREMISES PASS AREA	DRAWING TITLE: D-SIDE - SMK KAMPUNG PERAK	Design By : ENGINEER	Date : DATE	
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