



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 ABA6029 SEKOLAH KEBANGSAAN JELAI (D-SIDE))

Company Name : Archway Mapping Services Sdn. Bhd.
Company Address : No 48-1, Jalan TU39A, Ayer Keroh Melaka
Prepared By : Muhammad Adham
Date : 3/12/2024



Starting Point

Site / Boundary Name : BATU KURAU
Address : SK JELAI
District : LARUT MATANG
Postcode : 34520
State : PERAK
GPS Coordinate : 5.012584, 100.811365
LRD : A

End Point

Site / Boundary Name : BATU KURAU
Address : LORONG DAMAI 5, PERAK
District : LARUT MATANG
Postcode : 34800
State : PERAK
GPS Coordinate : 4.995661, 100.806397
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	4331
2	Install New Pole	ea	101
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	3
7	Estimated Time Required for Completion	days	21

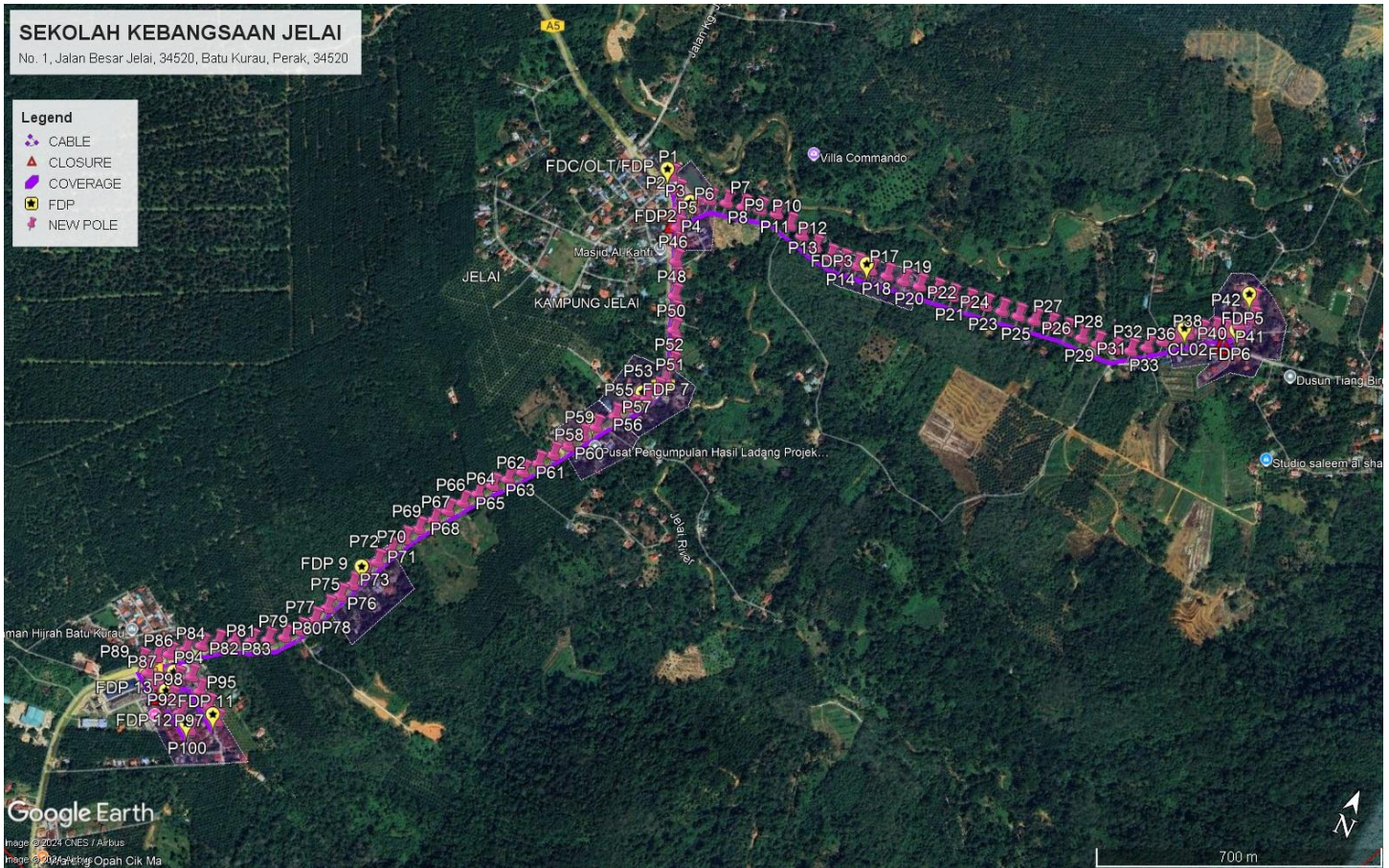
2.0 LOCAL AUTHORITY SUMMARY

Daerah Larut Matang

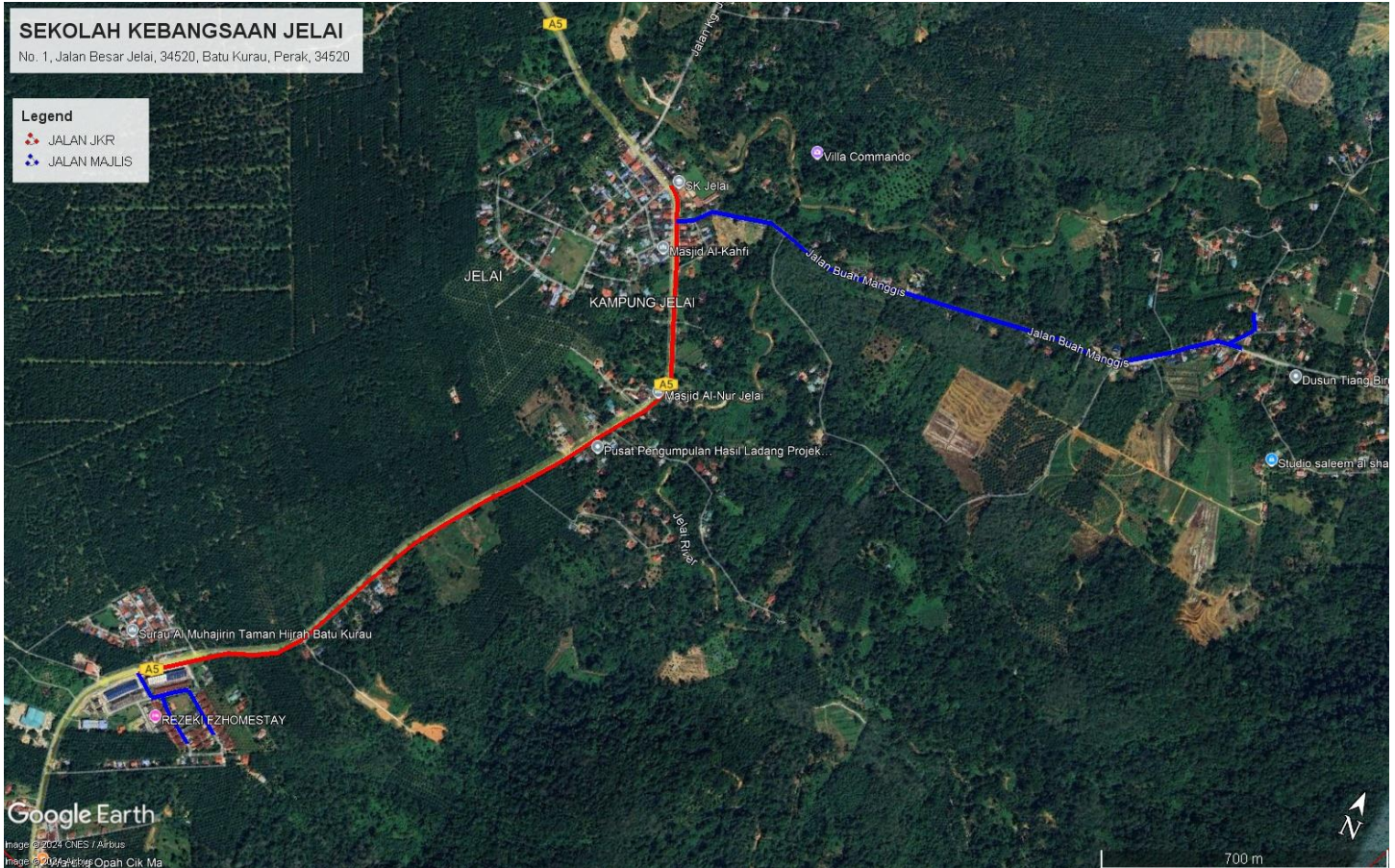
Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	50	2163m
		Majlis	51	2168m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				4331m

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	5.012498	100.811120	JKR Road
2	T002	45	5.012225	100.811431	JKR Road
3	T003	45	5.011829	100.811613	JKR Road
4	T004	45	5.012022	100.811945	Majlis Daerah Road
5	T005	45	5.012364	100.812204	Majlis Daerah Road
6	T006	45	5.012474	100.812597	Majlis Daerah Road
7	T007	45	5.012557	100.812996	Majlis Daerah Road
8	T008	45	5.012664	100.813399	Majlis Daerah Road
9	T009	45	5.012743	100.813794	Majlis Daerah Road
10	T010	45	5.012635	100.814189	Majlis Daerah Road
11	T011	45	5.012525	100.814569	Majlis Daerah Road
12	T012	45	5.012407	100.814969	Majlis Daerah Road
13	T013	45	5.012343	100.815385	Majlis Daerah Road
14	T014	45	5.012378	100.815723	Majlis Daerah Road
15	T015	45	5.012436	100.816063	Majlis Daerah Road
16	T016	45	5.012476	100.416402	Majlis Daerah Road
17	T017	45	5.012526	100.816811	Majlis Daerah Road
18	T018	45	5.012574	100.817223	Majlis Daerah Road
19	T019	45	5.012627	100.817619	Majlis Daerah Road
20	T020	45	5.012687	100.818028	Majlis Daerah Road
21	T021	45	5.012732	100.818427	Majlis Daerah Road
22	T022	45	5.012792	100.818836	Majlis Daerah Road
23	T023	45	5.012857	100.819238	Majlis Daerah Road
24	T024	45	5.012917	100.819638	Majlis Daerah Road
25	T025	45	5.012979	100.820045	Majlis Daerah Road
26	T026	45	5.013047	100.820441	Majlis Daerah Road
27	T027	45	5.013110	100.820842	Majlis Daerah Road
28	T028	45	5.013167	100.821248	Majlis Daerah Road
29	T029	45	5.013177	100.821656	Majlis Daerah Road
30	T030	45	5.013210	100.822063	Majlis Daerah Road
31	T031	45	5.013261	100.822476	Majlis Daerah Road
32	T032	45	5.013396	100.822849	Majlis Daerah Road
33	T033	45	5.013642	100.823174	Majlis Daerah Road
34	T034	45	5.013936	100.823470	Majlis Daerah Road
35	T035	45	5.014150	100.823724	Majlis Daerah Road
36	T036	45	5.014339	100.823933	Majlis Daerah Road
37	T037	45	5.014522	100.824186	Majlis Daerah Road
38	T038	45	5.014702	100.824461	Majlis Daerah Road
39	T039	45	5.014768	100.824736	Majlis Daerah Road



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40	T040	45	5.015036	100.824938	Majlis Daerah Road
41	T041	45	5.015319	100.825151	Majlis Daerah Road
42	T042	45	5.015715	100.824973	Majlis Daerah Road
43	T043	45	5.014821	100.825065	Majlis Daerah Road
44	T044	45	5.011451	100.811782	JKR Road
45	T045	45	5.011076	100.811937	JKR Road
46	T046	45	5.010699	100.812093	JKR Road
47	T047	45	5.010305	100.812254	JKR Road
48	T048	45	5.009936	100.812420	JKR Road
49	T049	45	5.009562	100.812587	JKR Road
50	T050	45	5.009190	100.812758	JKR Road
51	T051	45	5.008816	100.812909	JKR Road
52	T052	45	5.008439	100.813064	JKR Road
53	T053	45	5.008028	100.813087	JKR Road
54	T054	45	5.007722	100.813006	JKR Road
55	T055	45	5.007425	100.812865	JKR Road
56	T056	45	5.007091	100.812608	JKR Road
57	T057	45	5.006739	100.812370	JKR Road
58	T058	45	5.006308	100.812072	JKR Road
59	T059	45	5.005962	100.811858	JKR Road
60	T060	45	5.005611	100.811645	JKR Road
61	T061	45	5.005275	100.811425	JKR Road
62	T062	45	5.004936	100.811190	JKR Road
63	T063	45	5.004591	100.810950	JKR Road
64	T064	45	5.004286	100.810698	JKR Road
65	T065	45	5.003994	100.810435	JKR Road
66	T066	45	5.003663	100.810194	JKR Road
67	T067	45	5.003319	100.809962	JKR Road
68	T068	45	5.002987	100.809718	JKR Road
69	T069	45	5.002643	100.809506	JKR Road
70	T070	45	5.002301	100.809272	JKR Road
71	T071	45	5.011948	100.809079	JKR Road
72	T072	45	5.001572	100.808906	JKR Road
73	T073	45	5.001188	100.808726	JKR Road
74	T074	45	5.000825	100.808580	JKR Road
75	T075	45	5.000434	100.808421	JKR Road
76	T076	45	5.000074	100.808270	JKR Road
77	T077	45	4.999689	100.808116	JKR Road
78	T078	45	4.999304	100.807966	JKR Road
79	T079	45	4.998943	100.807776	JKR Road
80	T080	45	4.998640	100.807509	JKR Road
81	T081	45	4.998412	100.807173	JKR Road
82	T082	45	4.998212	100.806818	JKR Road
83	T083	45	4.998027	100.806453	JKR Road
84	T084	45	4.997826	100.806102	JKR Road

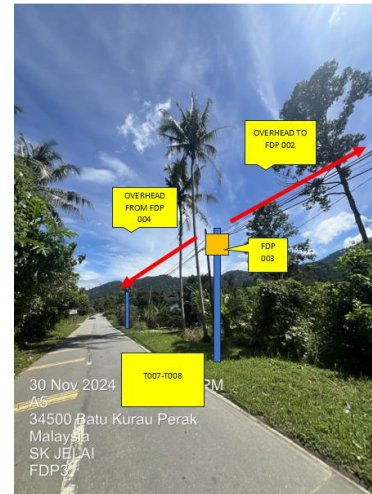
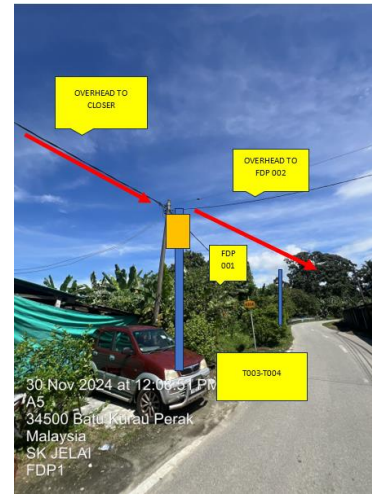
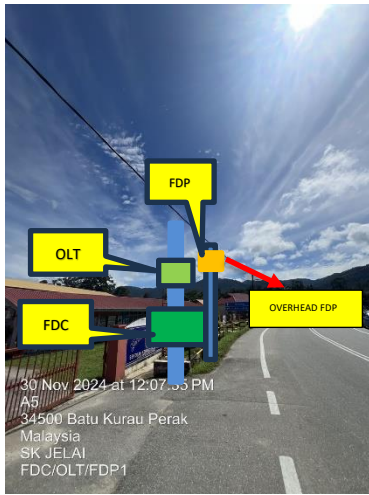


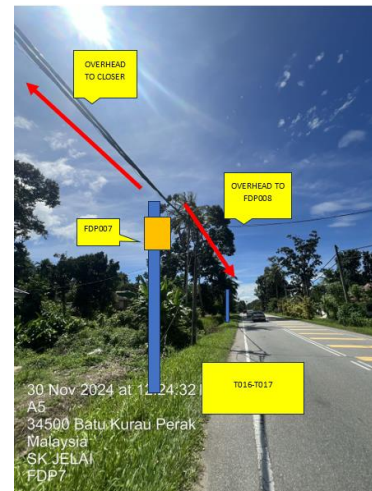
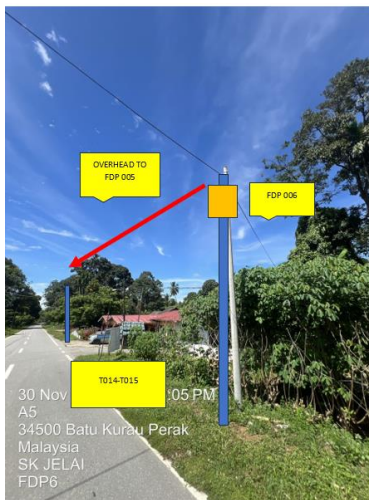
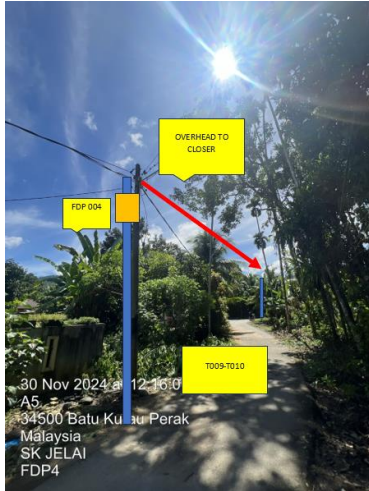
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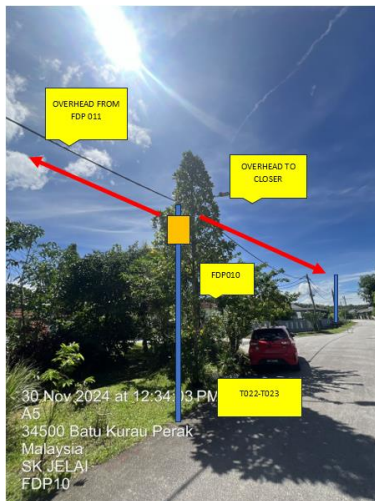
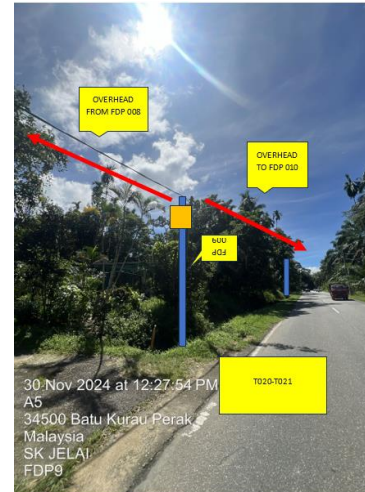


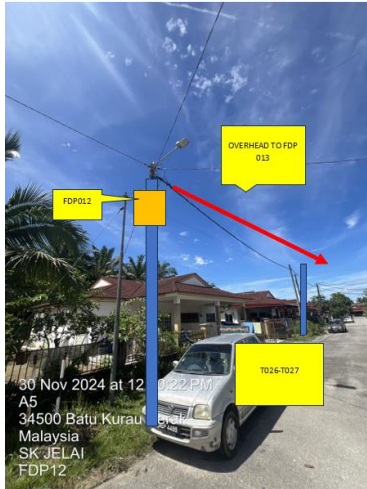
85	T085	45	4.997579	100.805771	JKR Road
86	T086	45	4.997328	100.805463	JKR Road
87	T087	45	4.997067	100.805158	JKR Road
88	T088	45	4.996866	100.804906	JKR Road
89	T089	45	4.996643	100.804621	JKR Road
90	T090	45	4.996466	100.804889	Majlis Daerah Road
91	T091	45	4.996270	100.805159	Majlis Daerah Road
92	T092	45	4.996422	100.805344	Majlis Daerah Road
93	T093	45	4.996625	100.805586	Majlis Daerah Road
94	T094	45	4.996822	100.805883	Majlis Daerah Road
95	T095	45	4.996597	100.806212	Majlis Daerah Road
96	T096	45	4.996377	100.806550	Majlis Daerah Road
97	T097	45	4.996139	100.806889	Majlis Daerah Road
98	T098	45	4.996138	100.805653	Majlis Daerah Road
99	T099	45	4.995918	100.806000	Majlis Daerah Road
100	T100	45	4.995661	100.806397	Majlis Daerah Road
101	T101	45	5.012495	100.811124	JKR Road

5.0 SITE PHOTOS - PROPOSED NEW POLE









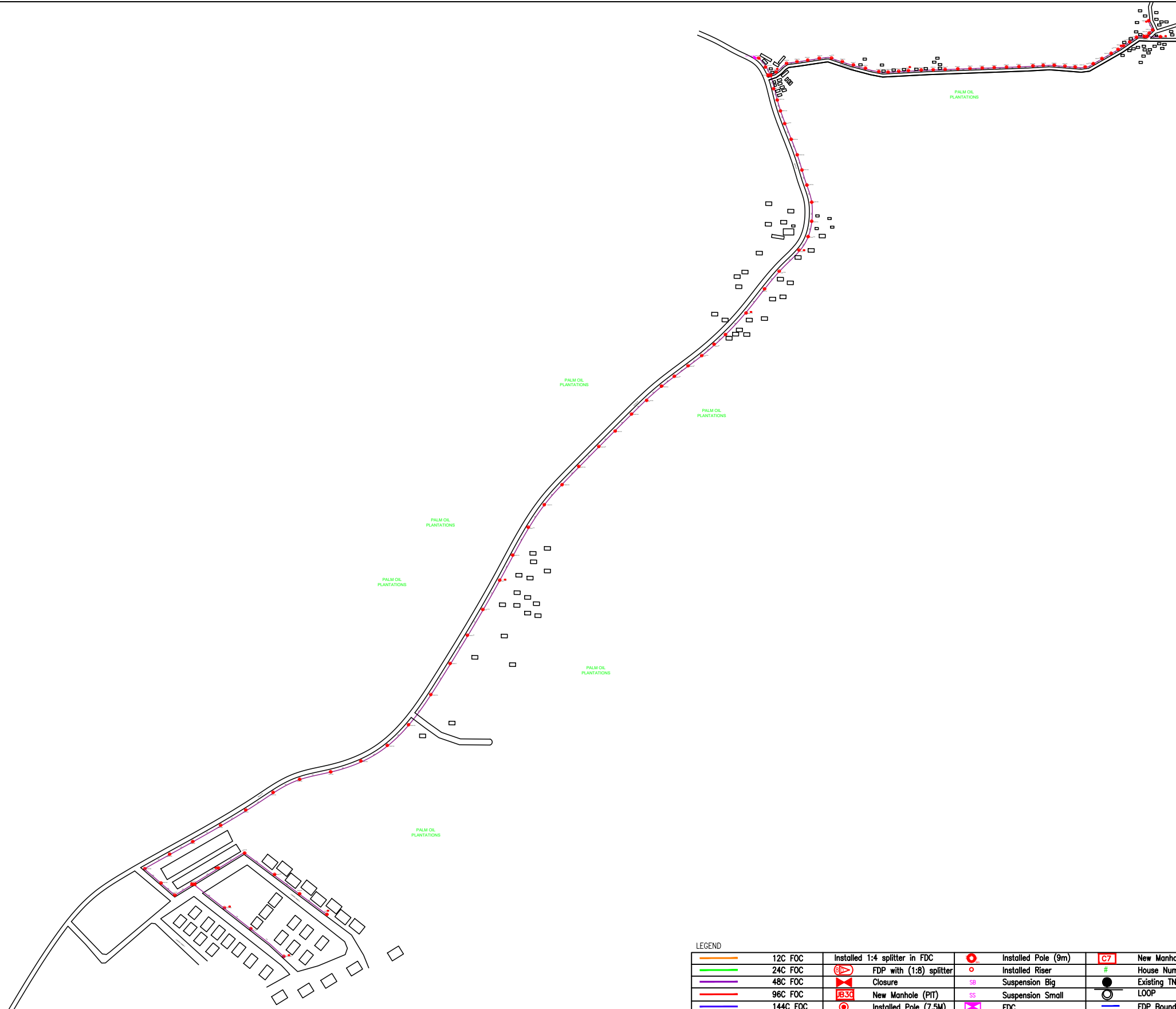


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6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Larut Matang	4331m

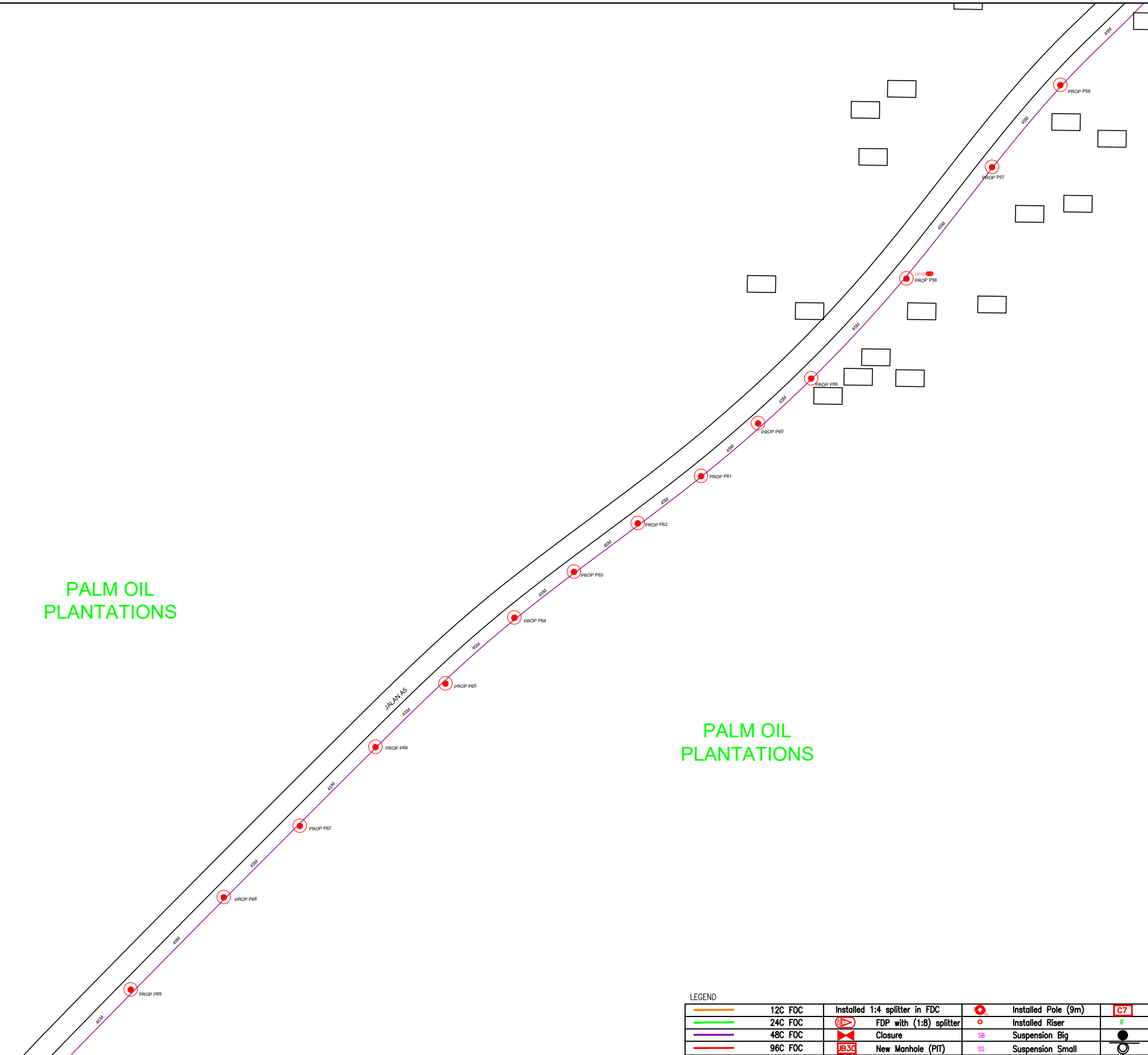


LEGEND											
	12C FOC		Installed 1:4 splitter in FDC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big		MH NO.
	24C FOC		FDP with (1:8) splitter		Installed Riser		House Number		Existing Manhole		Existing TNB Pole NO.
	48C FOC		Closure		Suspension Big		Existing TNB Pole		Closure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

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: PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK JELAI) TO PREMISES PASS AREA	DRAWING TITLE: SK JELAI	Design By : ENGINEER	Date : DATE
					PROJECT PHASE: PROJECT PHASE	Drawn By : CAD ENGINEER	Scale : NTS
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PALM OIL PLANTATIONS

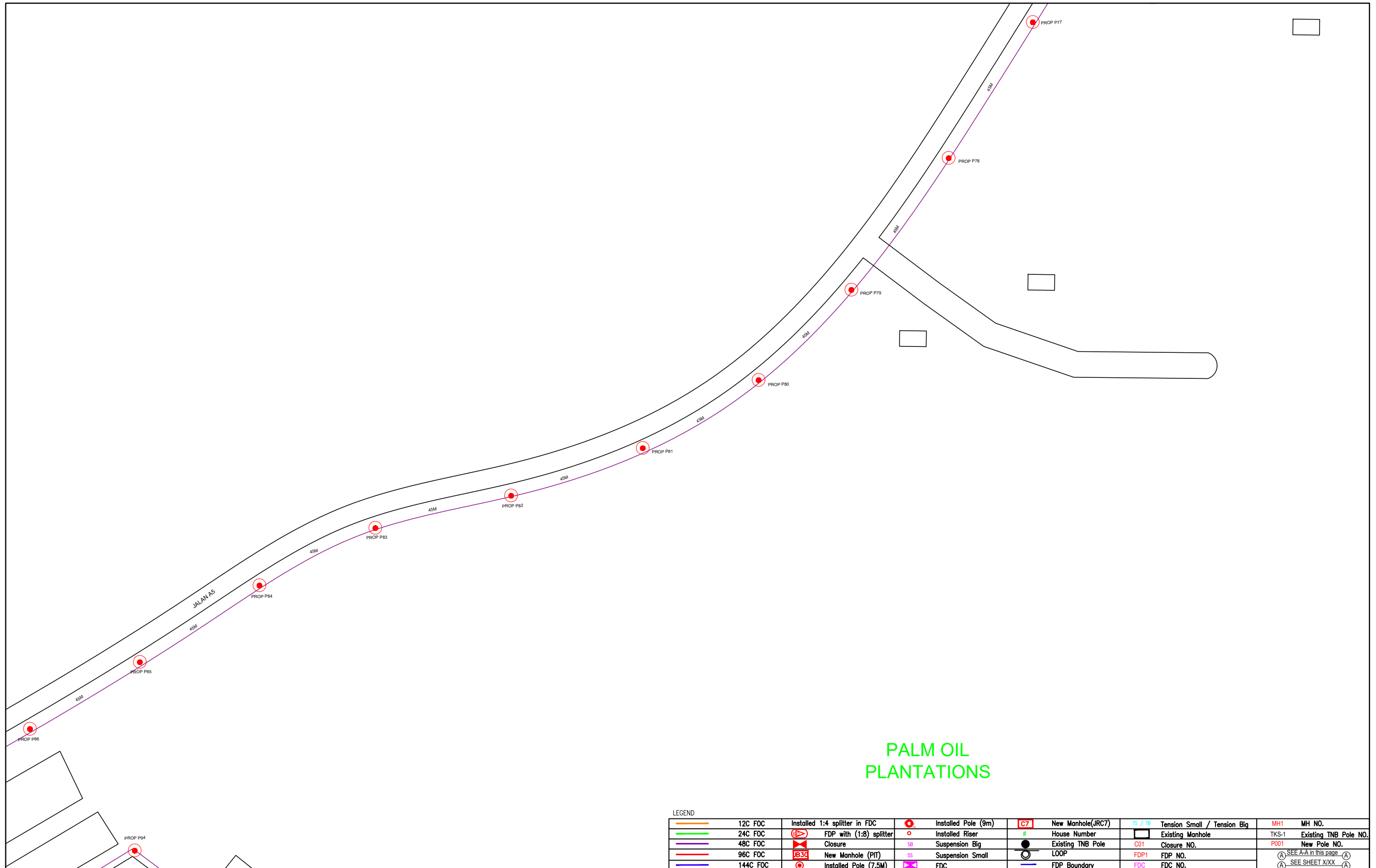
PALM OIL PLANTATIONS



LEGEND

12C FOC	Installed 1:4 splitter in FDC	Installed Pole (9m)	New Manhole(JRC7)	TS / TB Tension Small / Tension Big	MH1 MH NO.
24C FOC	FDP with (1:8) splitter	Installed Riser	# House Number	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 (A)
144C FOC	Installed Pole (7.5M)	FDC	FDP Boundary	FDC FDC NO.	(A) SEE SHEET XXXX (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: PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK JELAI) TO PREMISES PASS AREA	DRAWING TITLE: SK JELAI	Design By : ENGINEER	Date : DATE
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LEGEND

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

KEY PLAN :	PROJECT OWNER : 	MAIN CONTRACTOR 	SUB-CONTRACTOR : 	PROJECT TITLE: PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK JELAI) TO PREMISES PASS AREA	DRAWING TITLE: SK JELAI	Design By : ENGINEER	Date : DATE	
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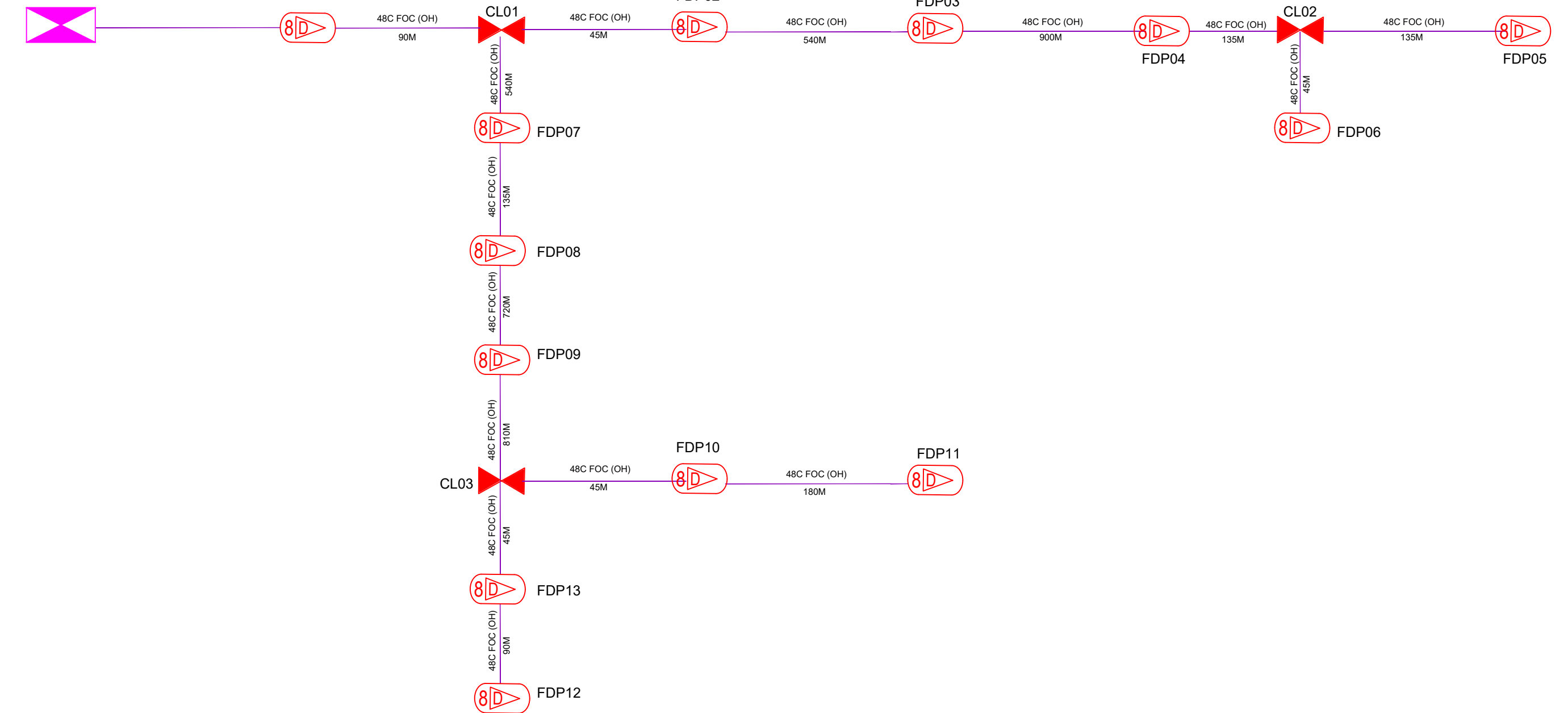
PALM OIL PLANTATIONS



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

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PROPOSED FDC
SK JELAI



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	Existing Manhole	TKS-1	Existing TNB Pole NO.	
48C FOC	Closure	Suspension Big	Existing TNB Pole	CO1	Closure NO.	P001	New Pole NO.	
96C FOC	New Manhole (PIT)	Suspension Small	LOOP	FDP1	FDP NO.	(A)	SEE A:A in this page	(A)
144C FOC	Installed Pole (7.5M)	FDC	FDP Boundary	FDC	FDC NO.	(A)	SEE SHEET XXXX	(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:

PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK JELAI) TO PREMISES PASS AREA

DRAWING TITLE:

D-SIDE - SK JELAI

PROJECT PHASE:

PROJECT PHASE

Design By : ENGINEER	Date : DATE
Drawn By : CAD ENGINEER	Scale : NTS
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DRAWING NUMBER :	Sheet : 1/1
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