

TECHNICAL PROPOSAL

(POP2 AEA6054 SEKOLAH MENENGAH 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 : 16/01/2025



Starting Point

Site / Boundary Name : BATU KURAU
Address : SMK JELAI
District : LARUT MATANG
Postcode : 34520
State : PERAK
GPS Coordinate : 5.017300, 100.802828
LRD : A

End Point

Site / Boundary Name : BATU KURAU
Address : KG BATU 19, PERAK
District : LARUT MATANG
Postcode : 34520
State : PERAK
GPS Coordinate : 5.025181, 100.788924
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			

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	2910
2	Install New Pole	ea	81
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

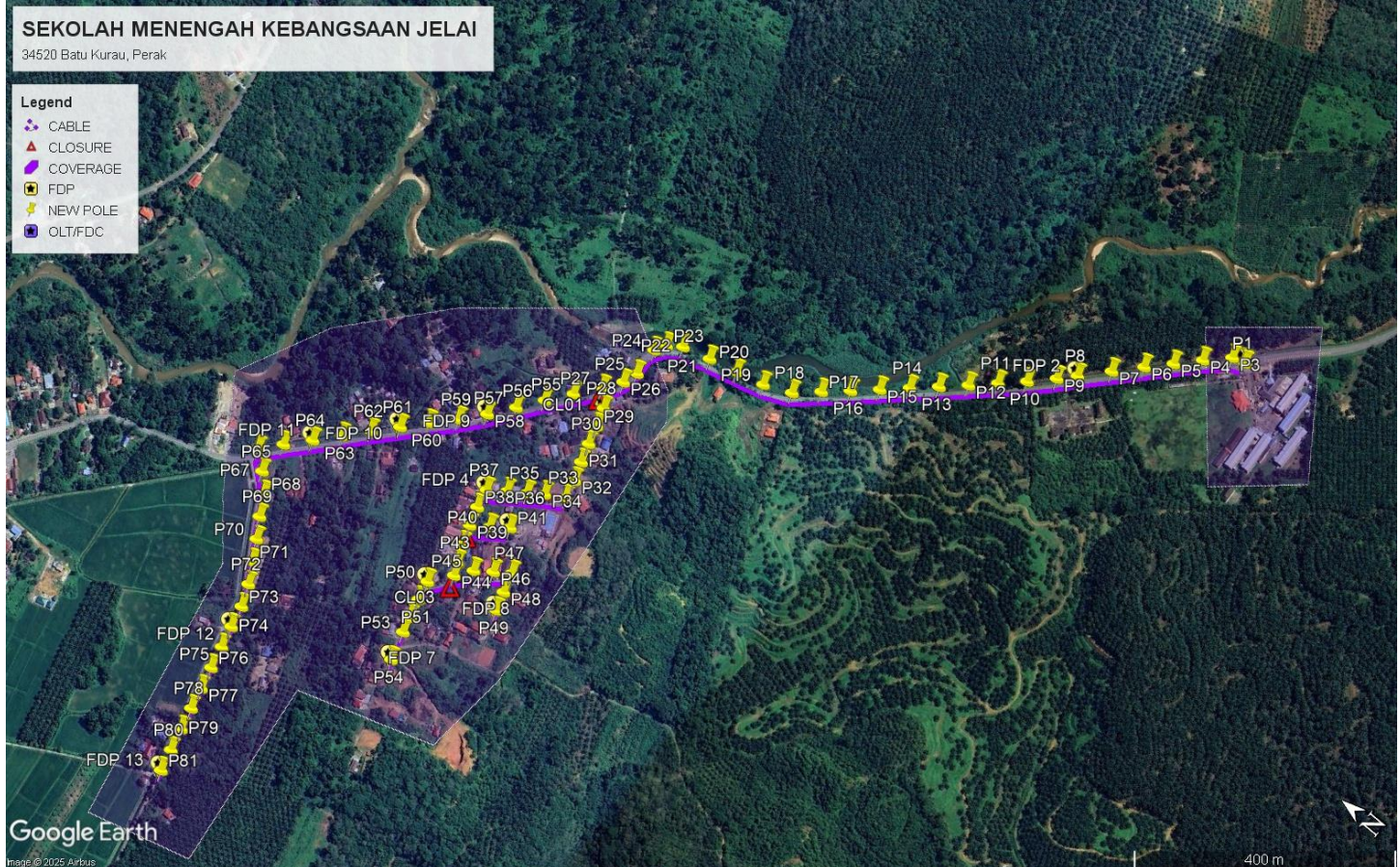
Daerah Larut Matang

Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	39	1557m
		Majlis	42	1353m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				2910m

3.0 SITE PLAN (KMZ)

3.1 Overview Site Area

5.017300



3.2 Site Plan - KMZ Routing (All Local Authority)



Red Colour – JKR Road

Blue Colour - Majlis Road

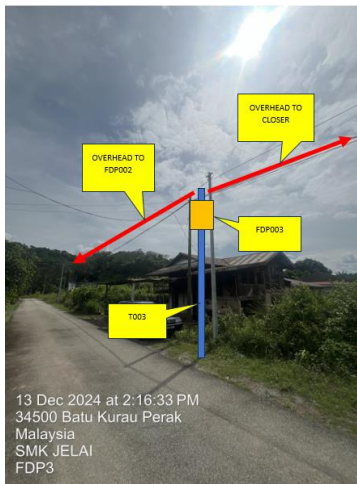
4.0 PROPOSED NEW POLE FDP

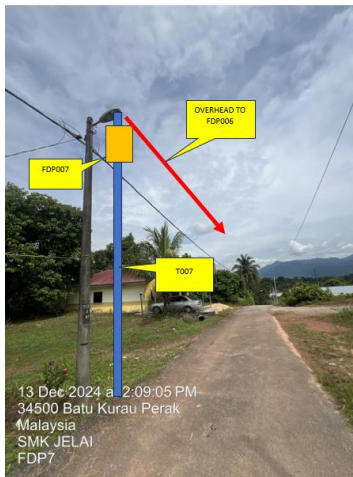
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	0	5.017300	100.802828	JKR Road
2	T002	45	5.017324	100.802834	JKR Road
3	T003	45	5.017483	100.802775	JKR Road
4	T004	45	5.017774	100.802487	JKR Road
5	T005	45	5.018052	100.802192	JKR Road
6	T006	45	5.018334	100.801896	JKR Road
7	T007	45	5.018639	100.801564	JKR Road
8	T008	45	5.018960	100.801214	JKR Road
9	T009	45	5.019156	100.801002	JKR Road
10	T010	45	5.019445	100.800710	JKR Road
11	T011	45	5.019736	100.800432	JKR Road
12	T012	45	5.020031	100.800151	JKR Road
13	T013	45	5.020330	100.799874	JKR Road
14	T014	45	5.020629	100.799603	JKR Road
15	T015	45	5.020931	100.799321	JKR Road
16	T016	45	5.021230	100.799049	JKR Road
17	T017	45	5.021530	100.798782	JKR Road
18	T018	45	5.021832	100.798510	JKR Road
19	T019	45	5.022209	100.798343	JKR Road
20	T020	45	5.022602	100.798242	JKR Road
21	T021	45	5.023002	100.798143	JKR Road
22	T022	45	5.023389	100.798036	JKR Road
23	T023	45	5.023577	100.797902	JKR Road
24	T024	45	5.023666	100.797746	JKR Road
25	T025	45	5.023641	100.797345	JKR Road
26	T026	45	5.023710	100.797133	JKR Road
27	T027	45	5.023879	100.796887	JKR Road
28	T028	45	5.023686	100.796682	Majlis Daerah Road
29	T029	45	5.023606	100.796429	Majlis Daerah Road
30	T030	45	5.023533	100.796172	Majlis Daerah Road
31	T031	45	5.023453	100.795912	Majlis Daerah Road
32	T032	45	5.023359	100.795656	Majlis Daerah Road
33	T033	45	5.023301	100.795396	Majlis Daerah Road
34	T034	45	5.023556	100.795247	Majlis Daerah Road
35	T035	45	5.023752	100.795101	Majlis Daerah Road
36	T036	45	5.023978	100.794949	Majlis Daerah Road
37	T037	45	5.024206	100.794780	Majlis Daerah Road
38	T038	45	5.024153	100.794516	Majlis Daerah Road
39	T039 (Pole 9M)	45	5.024073	100.794255	Majlis Daerah Road
40	T040	45	5.023848	100.794414	Majlis Daerah Road

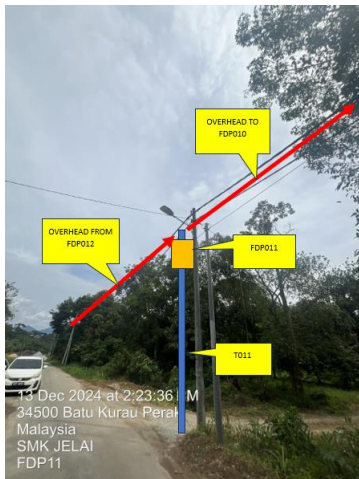
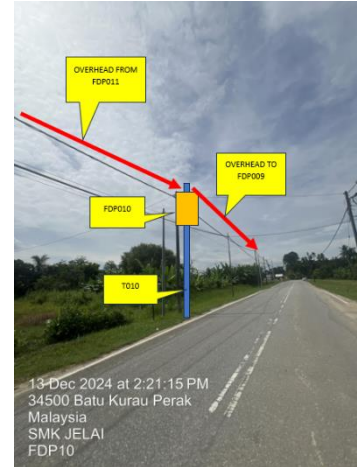
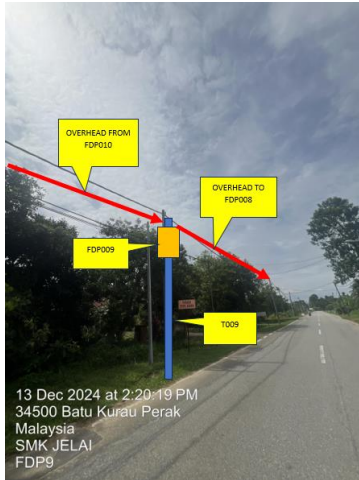
41	T041	45	5.023624	100.794584	Majlis Daerah Road
42	T042 (Pole 9M)	45	5.023981	100.793992	Majlis Daerah Road
43	T043 (Pole 9M)	45	5.023876	100.793748	Majlis Daerah Road
44	T044 (Pole 9M)	45	5.023799	100.793582	Majlis Daerah Road
45	T045 (Pole 9M)	45	5.023631	100.793805	Majlis Daerah Road
46	T046	45	5.023414	100.793968	Majlis Daerah Road
47	T047	45	5.022306	100.794117	Majlis Daerah Road
48	T048	45	5.023127	100.793844	Majlis Daerah Road
49	T049	45	5.023045	100.793585	Majlis Daerah Road
50	T050	45	5.024024	100.793282	Majlis Daerah Road
51	T051	45	5.023962	100.793013	Majlis Daerah Road
52	T052	45	5.023897	100.792755	Majlis Daerah Road
53	T053 (Pole 9M)	45	5.023840	100.792531	Majlis Daerah Road
54	T054 (Pole 9M)	45	5.023722	100.792134	Majlis Daerah Road
55	T055	45	5.024132	100.796566	JKR Road
56	T056	45	5.024379	100.796244	JKR Road
57	T057	45	5.024620	100.795915	JKR Road
58	T058	45	5.024867	100.795590	JKR Road
59	T059	45	5.025125	100.795280	JKR Road
60	T060	45	5.025407	100.794984	JKR Road
61	T061	45	5.025676	100.794684	JKR Road
62	T062	45	5.025949	100.794381	JKR Road
63	T063	45	5.026212	100.794077	JKR Road
64	T064	45	5.026482	100.793770	JKR Road
65	T065	45	5.026755	100.793468	JKR Road
66	T066	45	5.026988	100.793201	JKR Road
67	T067	45	5.026745	100.792994	Majlis Daerah Road
68	T068	45	5.026529	100.792768	Majlis Daerah Road
69	T069	45	5.026374	100.792490	Majlis Daerah Road
70	T070	45	5.026208	100.792224	Majlis Daerah Road
71	T071	45	5.026054	100.791945	Majlis Daerah Road
72	T072	45	5.025895	100.791673	Majlis Daerah Road
73	T073	45	5.025772	100.791375	Majlis Daerah Road
74	T074	45	5.025703	100.791071	Majlis Daerah Road
75	T075	45	5.025627	100.790771	Majlis Daerah Road
76	T076	45	5.025555	100.790457	Majlis Daerah Road
77	T077	45	5.025479	100.790149	Majlis Daerah Road
78	T078	45	5.025408	100.789849	Majlis Daerah Road
79	T079	45	5.025333	100.789540	Majlis Daerah Road
80	T080	45	5.025255	100.789229	Majlis Daerah Road
81	T081	45	5.025181	100.788924	Majlis Daerah Road

BIL	TYPE	7.5m	9m	TOTAL
1	No of Pole	74	7	81

5.0 SITE PHOTOS - PROPOSED NEW POLE









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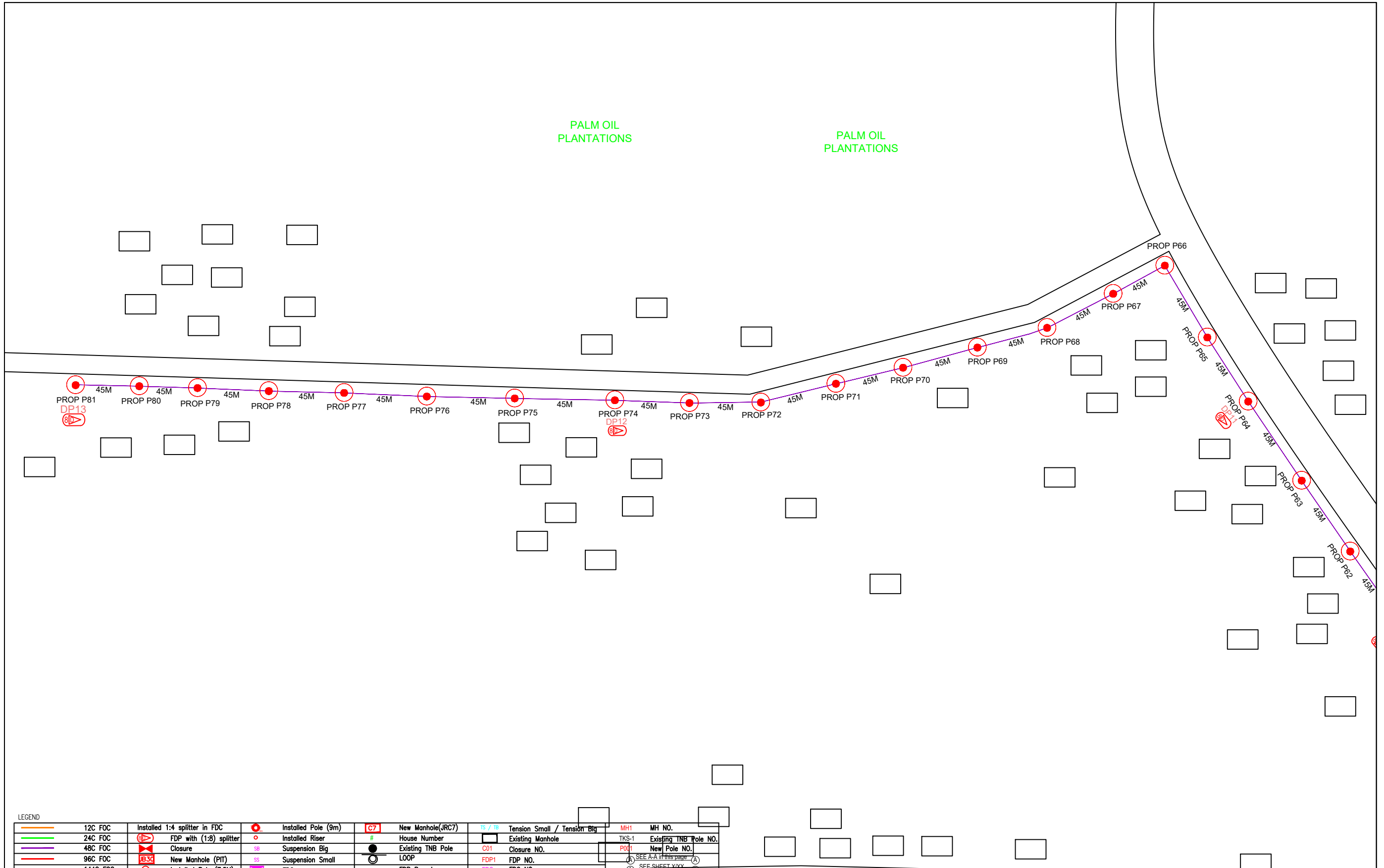
6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Larut Matang	2910m



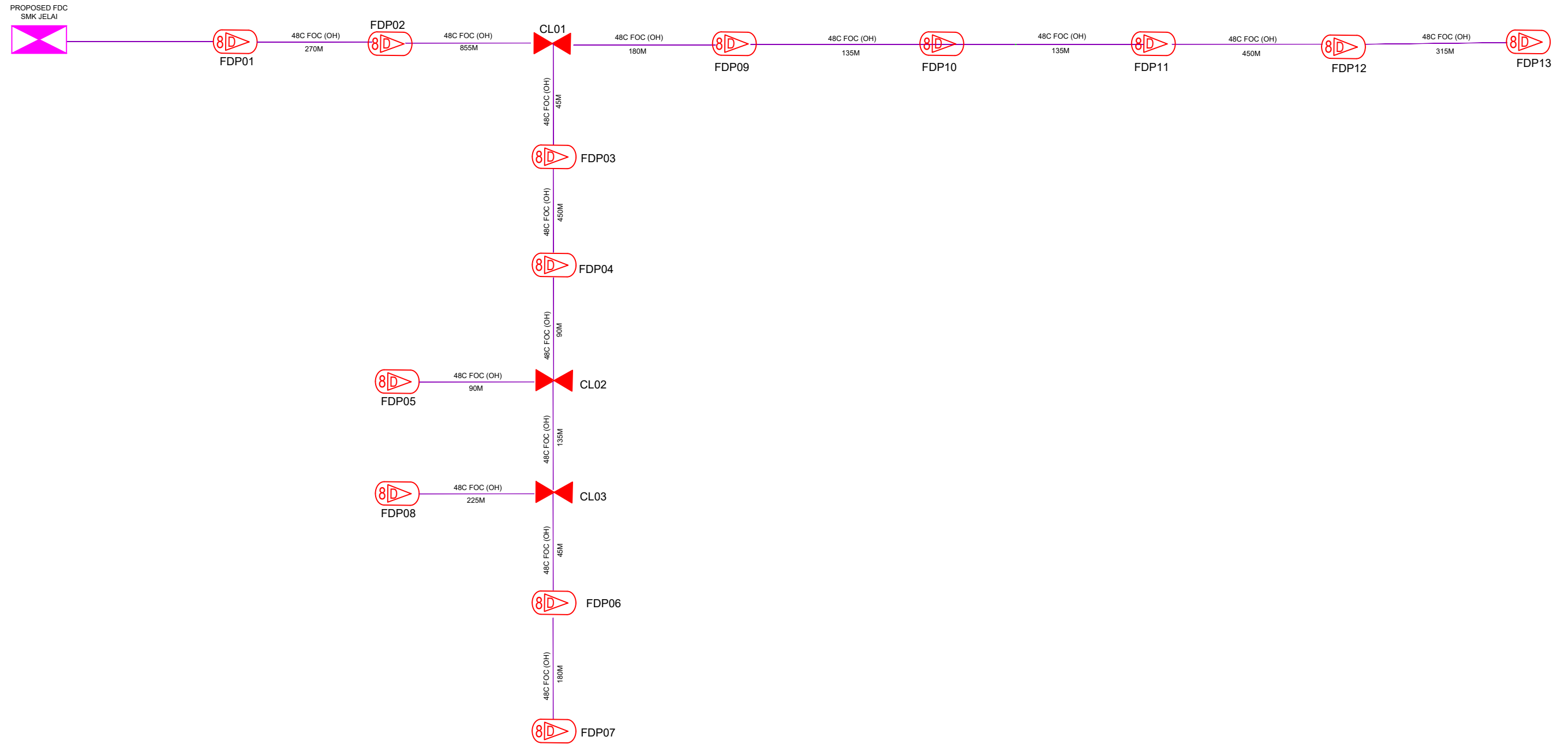
LEGEND	
12C FOC	Installed 1:4 splitter in FDC
24C FOC	FDP with (1:8) splitter
48C FOC	Closure
96C FOC	New Manhole (PI)
144C FOC	Installed Pole (7.5M)
Installed Pole (9m)	Installed Riser
Suspension Big	Suspension Small
FDC	FDC Boundary
New Manhole(JRC7)	House Number
Existing TNB Pole	LOOP
FDP Boundary	FDP NO.
Tension Small / Tension Big	Existing Manhole
Closure NO.	FDP NO.
MH1 MH NO.	TKS-1 Existing TNB Pole NO.
PO01 New Pole NO.	(A) SEE A-A in this page
(A) SEE SHEET XXX	(A)

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 Website : www.archwaymalaysia.com	PROJECT TITLE: PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SMK JELAI) TO PREMISES PASS AREA	DRAWING TITLE: SMK JELAI	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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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	SB	Existing TNB Pole	C01	Closure NO.	POH1	New Pole NO.
96C FOC	New Manhole (PIT)	Suspension Small	SS	LOOP	FDP1	FDP NO.	SEE A.A if this page	SEE SHEET XXX
144C FOC	Installed Pole (7.5M)	FDC	---	FDP Boundary	FDC	FDC NO.	SEE SHEET XXX	SEE SHEET XXX

KEY PLAN :	PROJECT OWNER : 	MAIN CONTRACTOR : 	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 JELAI) TO PREMISES PASS AREA	DRAWING TITLE: SMK JELAI	Design By : ENGINEER Date : DATE
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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	SB	Existing TNB Pole	C01	Closure NO.	P001	New Pole NO.
96C FOC	New Manhole (PIT)	Suspension Small	SS	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 : 	MAIN CONTRACTOR 	SUB-CONTRACTOR : 	PROJECT TITLE: PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SMK JELAI) TO PREMISES PASS AREA	DRAWING TITLE: D-SIDE _SMK JELAI	Design By : ENGINEER	Date : DATE
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