



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))



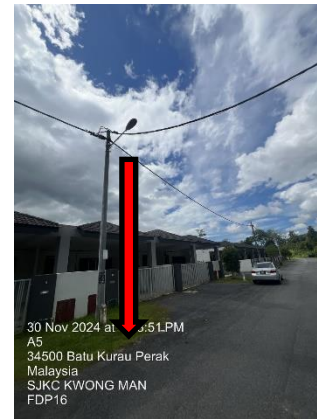
TECHNICAL PROPOSAL

(POP2 ABC6082 SEKOLAH JENIS KEBANGSAAN CINA KWONG MAN (D-SIDE))

Company Name : Archway Mapping Services Sdn. Bhd.
Company Address : No 48-1, Jalan TU39A, Ayer Keroh Melaka
Prepared By : Muhammad Adham
Date : 6/12/2024



Point A



Point B

Starting Point

Site / Boundary Name : BATU KURAU
Address : SJKC KWONG MAN
District : LARUT MATANG
Postcode : 34500
State : PERAK
GPS Coordinate : 4.975582, 100.797240
LRD : A

End Point

Site / Boundary Name : BATU KURAU
Address : JALAN KURAU AMAN, BATU KURAU, PERAK
District : LARUT MATANG
Postcode : 34500
State : PERAK
GPS Coordinate : 4.980389,100.800630
LRD : B



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1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	256
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	6
4	Micro Trenching (MT)	m	0
Total			262

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	1783
2	Install New Pole	ea	48
3	Install New JRC7 Manhole	ea	2
4	Install GI Riser 100mm	m	12
5	Install Fiber Distribution Point	ea	16
6	Install Closure	ea	3
7	Estimated Time Required for Completion	days	14

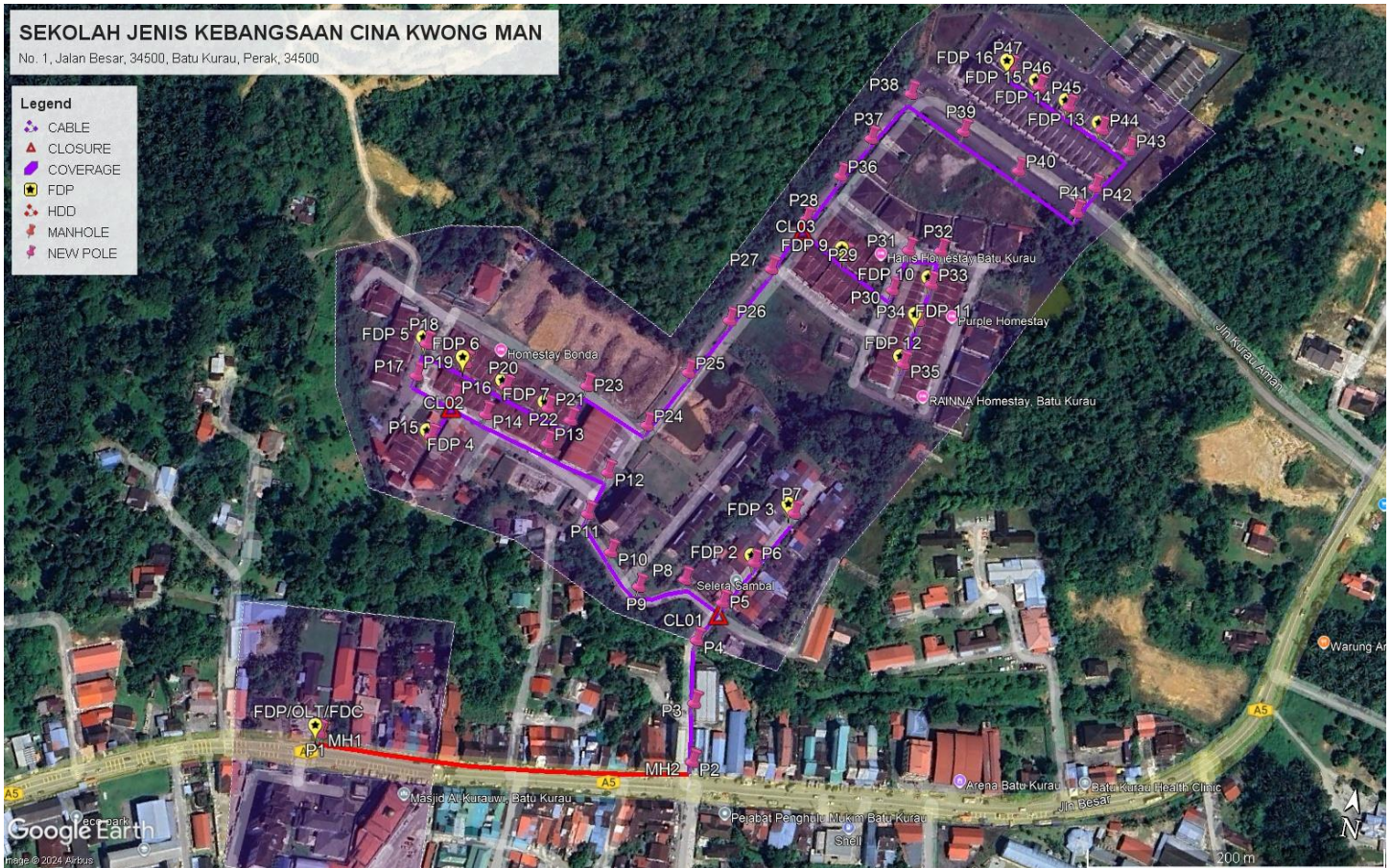
2.0 LOCAL AUTHORITY SUMMARY

Daerah Larut Matang

Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	1	262m
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	3	50m
		Majlis	45	1471m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				1783m

3.0 SITE PLAN (KMZ)

3.1 Overview Site Area



4.0 PROPOSED NEW POLE FDP

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	0	4.975582	100.797240	JKR Road
2	T002	45	4.975840	100.799523	JKR Road
3	T003	45	4.976191	100.799466	Majlis Daerah Road
4	T004	45	4.976751	100.799407	Majlis Daerah Road
5	T005	45	4.976826	100.799519	Majlis Daerah Road
6	T006	45	4.977106	100.799665	Majlis Daerah Road
7	T007	45	4.977448	100.799847	Majlis Daerah Road
8	T008	45	4.976921	100.799266	Majlis Daerah Road
9	T009	45	4.976824	100.798994	Majlis Daerah Road
10	T010	45	4.976998	100.798783	Majlis Daerah Road
11	T011	45	4.977201	100.798596	Majlis Daerah Road
12	T012	45	4.977475	100.798668	Majlis Daerah Road
13	T013	45	4.977579	100.798271	Majlis Daerah Road
14	T014	45	4.977681	100.797871	Majlis Daerah Road
15	T015	45	4.977749	100.797665	Majlis Daerah Road
16	T016	45	4.977483	100.797571	Majlis Daerah Road
17	T017	45	4.977823	100.797411	Majlis Daerah Road
18	T018	45	4.978035	100.797432	Majlis Daerah Road
19	T019	45	4.977964	100.797691	Majlis Daerah Road
20	T020	45	4.977867	100.797961	Majlis Daerah Road
21	T021	45	4.977791	100.798236	Majlis Daerah Road
22	T022	45	4.977747	100.798382	Majlis Daerah Road
23	T023	45	4.977973	100.798443	Majlis Daerah Road
24	T024	45	4.977808	100.798850	Majlis Daerah Road
25	T025	45	4.978176	100.799041	Majlis Daerah Road
26	T026	45	4.978540	100.799229	Majlis Daerah Road
27	T027	45	4.978903	100.799422	Majlis Daerah Road
28	T028	45	4.979241	100.799576	Majlis Daerah Road
29	T029	45	4.979067	100.799855	Majlis Daerah Road
30	T030	45	4.978911	100.800181	Majlis Daerah Road
31	T031	45	4.979167	100.800230	Majlis Daerah Road
32	T032	45	4.979198	100.800423	Majlis Daerah Road
33	T033	45	4.978988	100.800406	Majlis Daerah Road
34	T034	45	4.978751	100.800368	Majlis Daerah Road
35	T035	45	4.978470	100.800325	Majlis Daerah Road
36	T036	45	4.979540	100.799732	Majlis Daerah Road
37	T037	45	4.979798	100.799871	Majlis Daerah Road
38	T038	45	4.980116	100.800061	Majlis Daerah Road
39	T039	45	4.979934	100.800415	Majlis Daerah Road

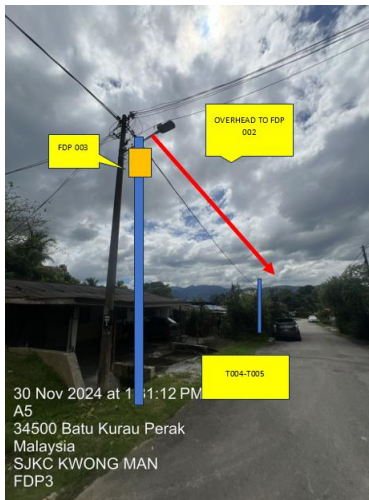
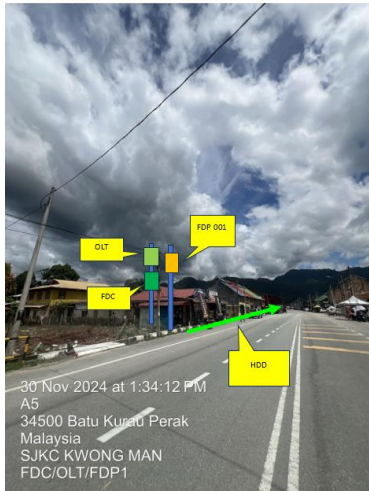


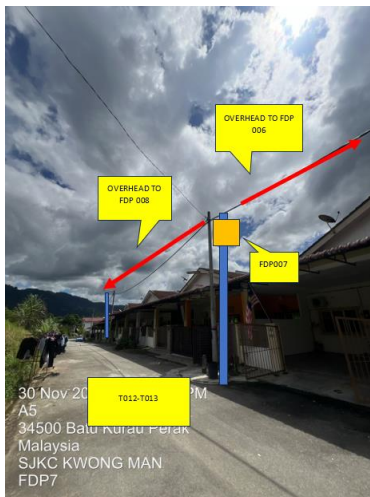
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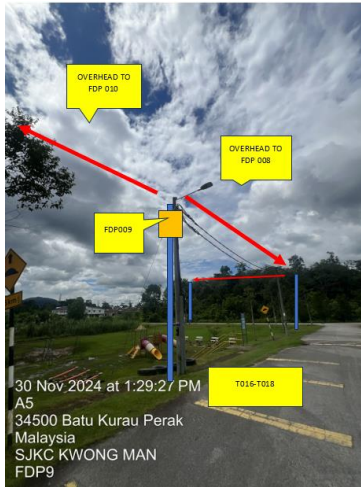


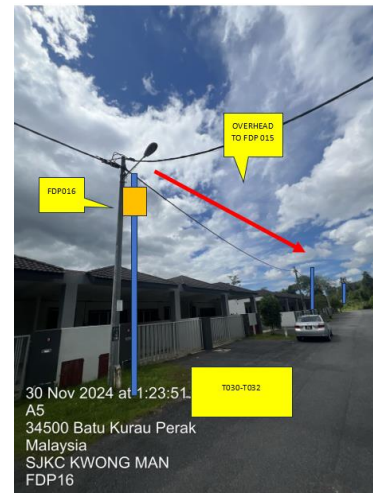
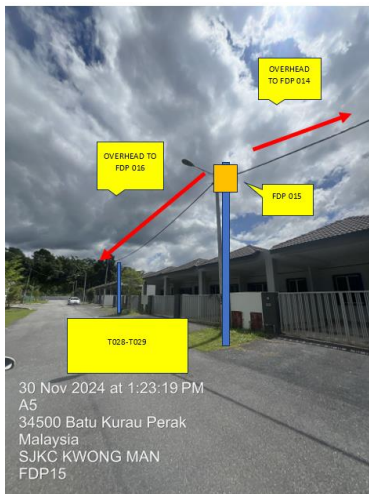
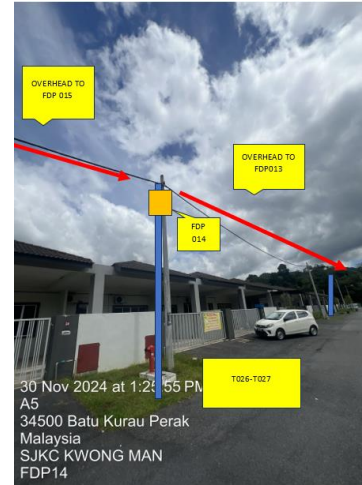
40	T040	45	4.979757	100.800788	Majlis Daerah Road
41	T041	45	4.979577	100.801184	Majlis Daerah Road
42	T042	45	4.979747	100.801266	Majlis Daerah Road
43	T043	45	4.980010	100.801430	Majlis Daerah Road
44	T044	45	4.980106	100.801246	Majlis Daerah Road
45	T045	45	4.980208	100.801023	Majlis Daerah Road
46	T046	45	4.980296	100.800824	Majlis Daerah Road
47	T047	45	4.980389	100.800630	Majlis Daerah Road
48	T048	45	4.975581	100.797227	JKR Road

5.0 SITE PHOTOS - PROPOSED NEW POLE









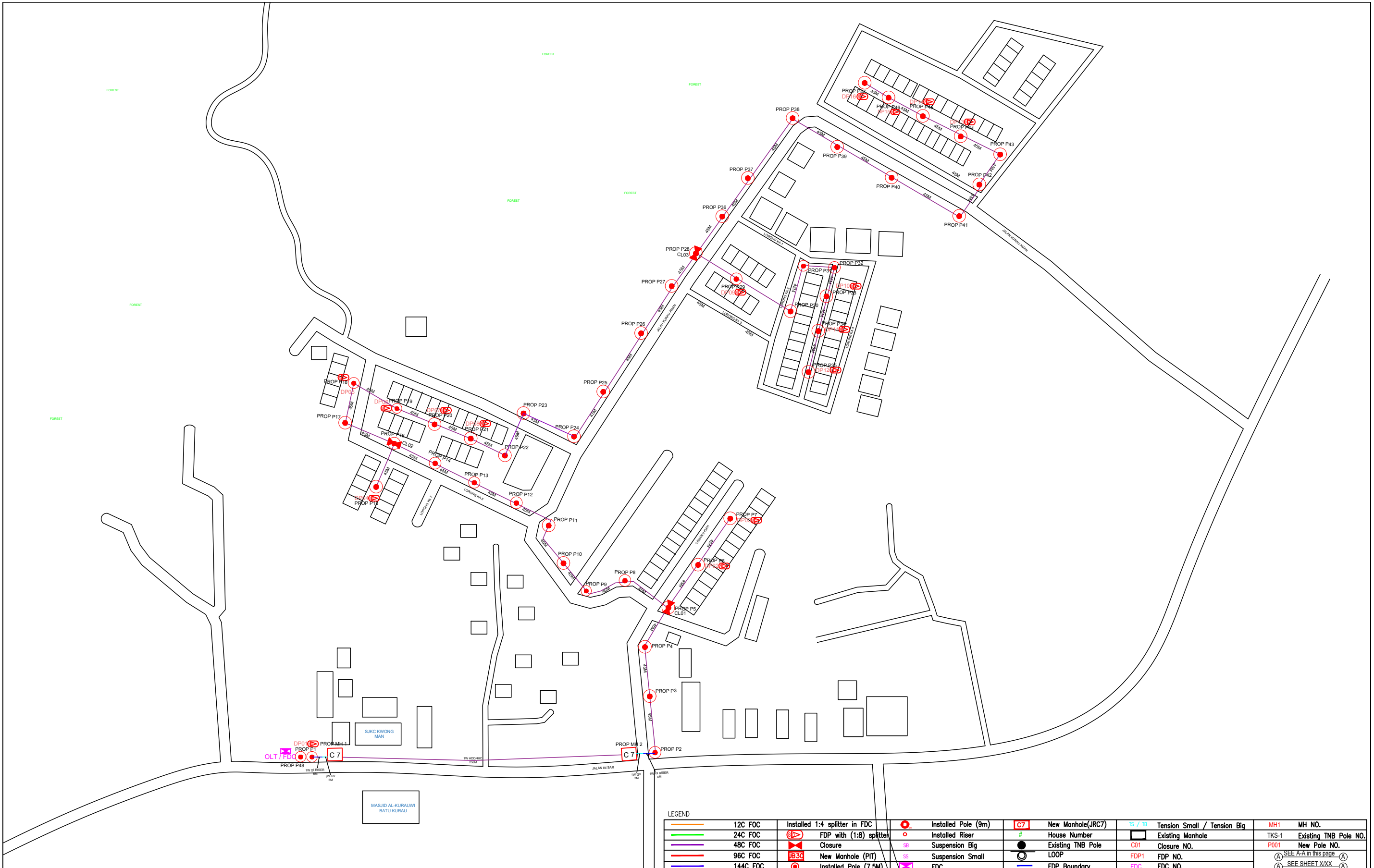


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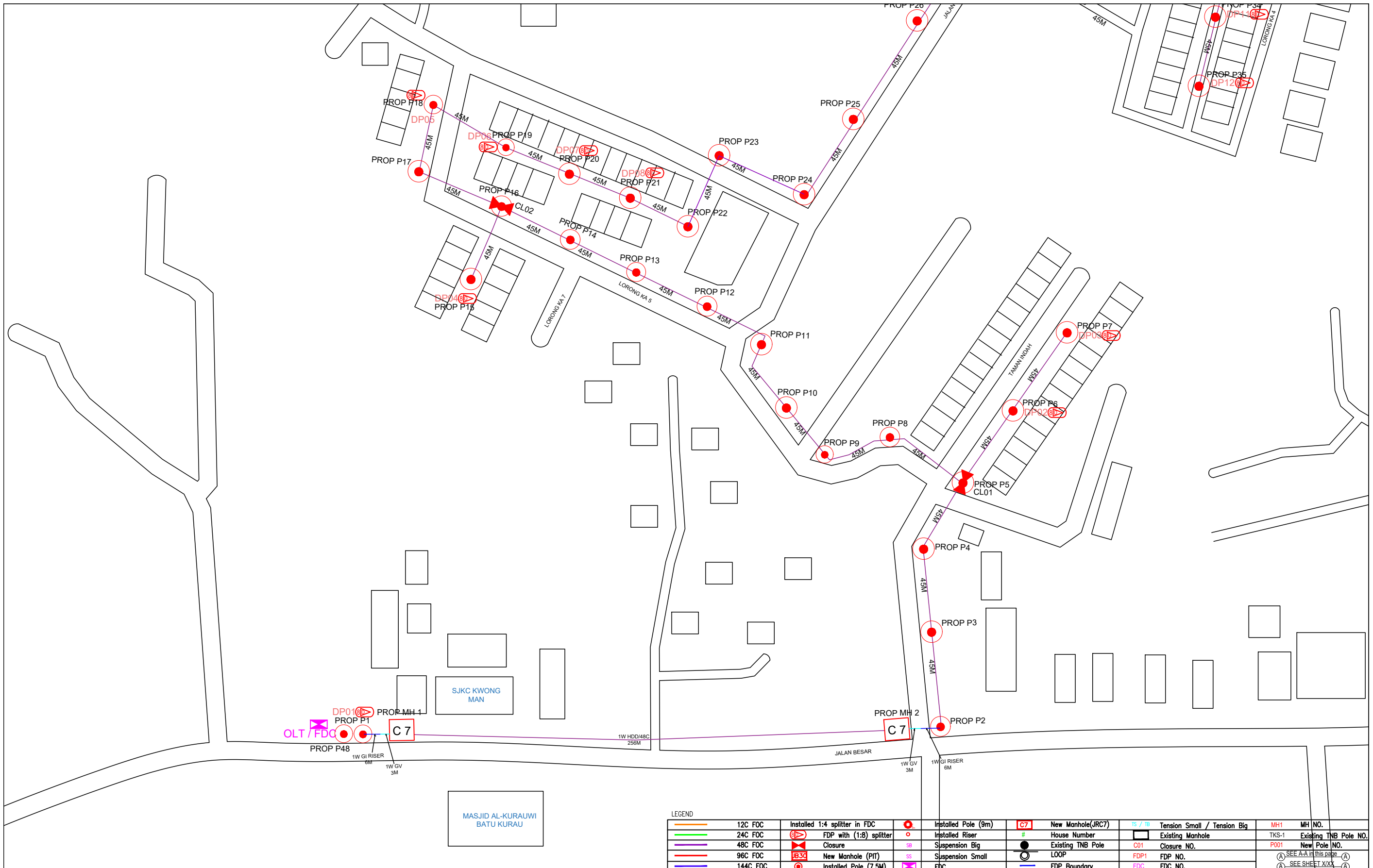
6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Larut Matang	1783m



LEGEND		Legend		Legend		Legend		Legend	
12C FOC	Installed 1:4 splitter in FDC	Installed Pole (9m)	C7	New Manhole(JRC7)	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.		SEE A-A in this page	
144C FOC	Installed Pole (7.5M)	FDC	□	FDP Boundary	FDC	FDC NO.		SEE SHEET XXX	

KEY PLAN :	PROJECT OWNER :	MAIN CONTRACTOR	SUB-CONTRACTOR :	PROJECT TITLE:	DRAWING TITLE:	Design By : ENGINEER	Date : DATE	
				PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SJKC KWONG MAN) TO PREMISES PASS AREA	SJKC KWONG MAN	Drawn By : CAD ENGINEER	Scale : NTS	
			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		PROJECT PHASE:	Checked By : ENGINEER	Job Number : JOB/NUMBER	
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					PROJECT PHASE:	THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY		Size :

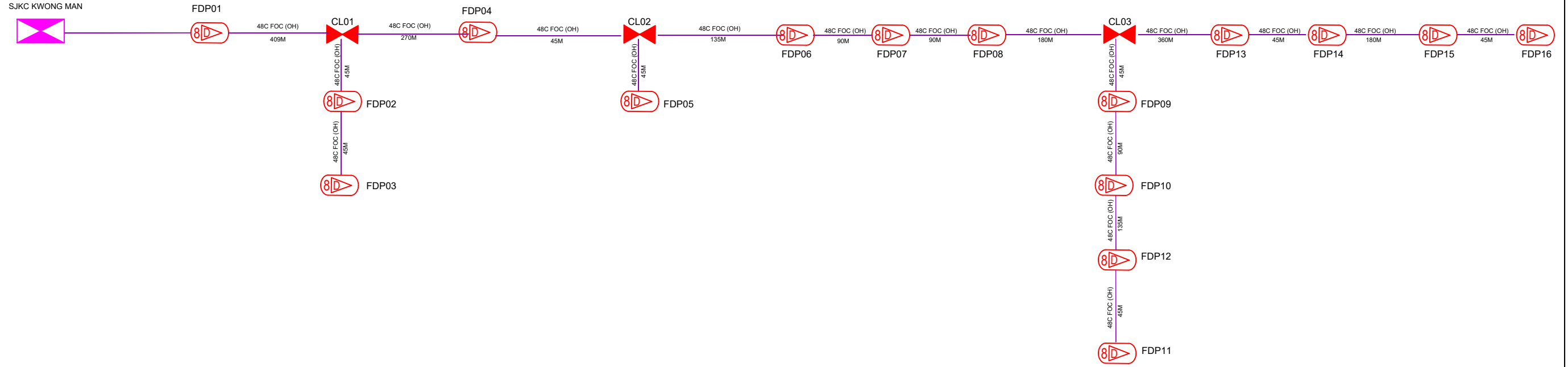


LEGEND

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

KEY PLAN :	PROJECT OWNER :	MAIN CONTRACTOR :	SUB-CONTRACTOR :	PROJECT TITLE:	DRAWING TITLE:	Design By : ENGINEER	Date : DATE
				PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SJKC KWONG MAN) TO PREMISES PASS AREA	SJKC KWONG MAN	Drawn By : CAD ENGINEER	Scale : NTS
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						Sheet :	Size :
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PROPOSED FDC
SJKC KWONG MAN



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 (PT)	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 : 	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 (SJKC KWONG MAN) TO PREMISES PASS AREA	DRAWING TITLE: D-SIDE - SJKC KWONG MAN	Design By : ENGINEER	Date : DATE	
					PROJECT PHASE: PROJECT PHASE	Drawn By : CAD ENGINEER	Scale : NTS	Checked By : ENGINEER
						THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF ALLO TECHNOLOGY SDN BHD		Size : A3