



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 ABA6017 SEKOLAH KEBANGSAAN BATU HAMPAR (D-SIDE)

Company Name : Archway Mapping Services Sdn. Bhd.
Company Address : No 48-1, Jalan TU39A, Ayer Keroh Melaka
Prepared By : Muhammad Adham
Date : 07/11/2024



Starting Point

Site / Boundary Name : LARUT MATANG
Address : SK BATU HAMPAR, BERUAS, PERAK
District : BERUAS
Postcode : 32700
State : PERAK
GPS Coordinate : 4.315968, 100.431470
LRD : A

End Point

Site / Boundary Name : LARUT MATANG
Address : JALAN BATU HAMPAR DALAM 4
District : BERUAS
Postcode : 32700
State : PERAK
GPS Coordinate : 4.315986, 100.424817
LRD : B



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1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	240
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	12
4	Micro Trenching (MT)	m	0
Total			0

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	2585
2	Install New Pole	ea	59
3	Install New JRC7 Manhole	ea	4
4	Install GI Riser 100mm	ea	24
5	Install Fiber Distribution Point	ea	13
6	Install Closure	ea	5
7	Estimated Time Required for Completion	days	14

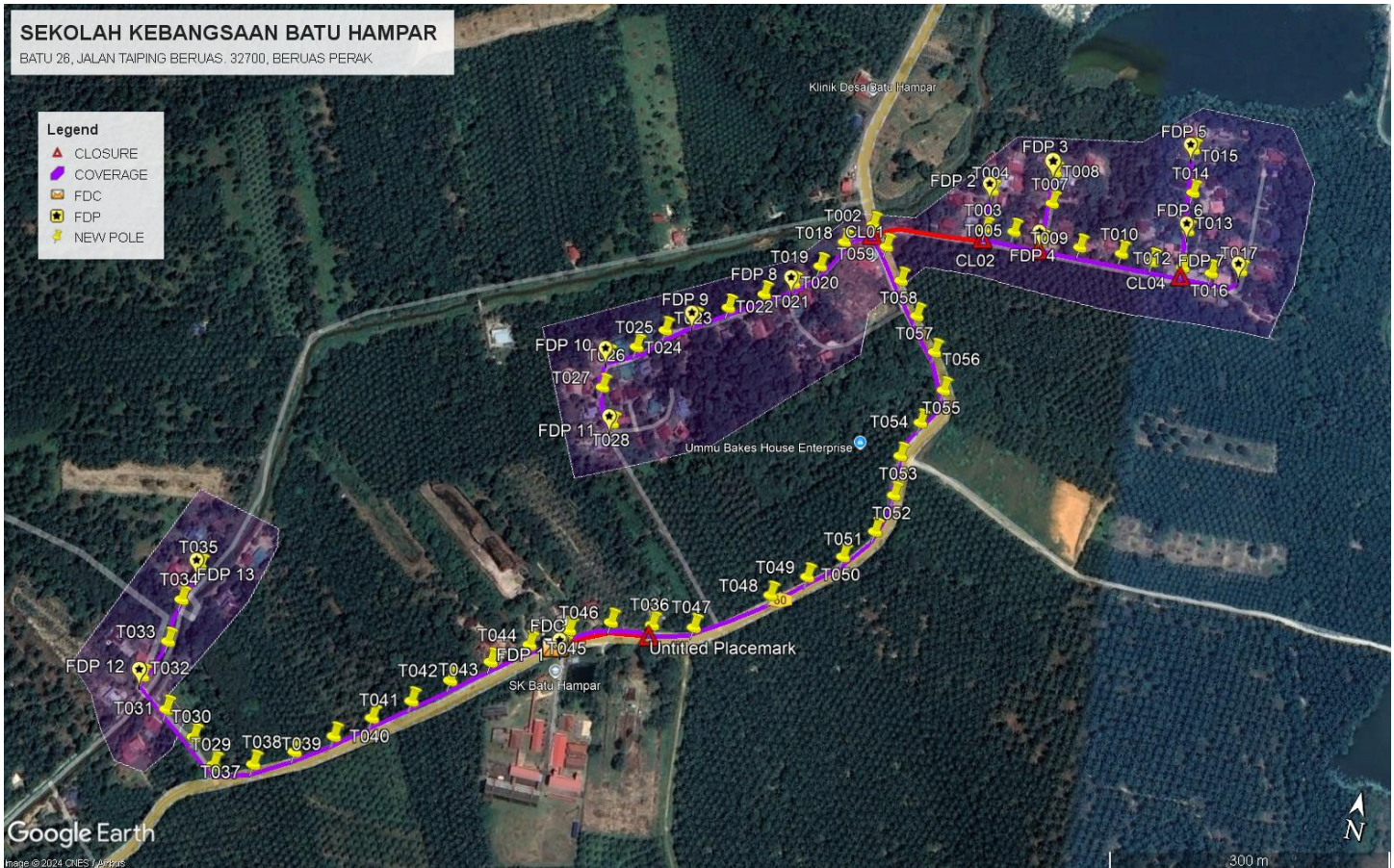
2.0 LOCAL AUTHORITY SUMMARY

Daerah Larut Matang

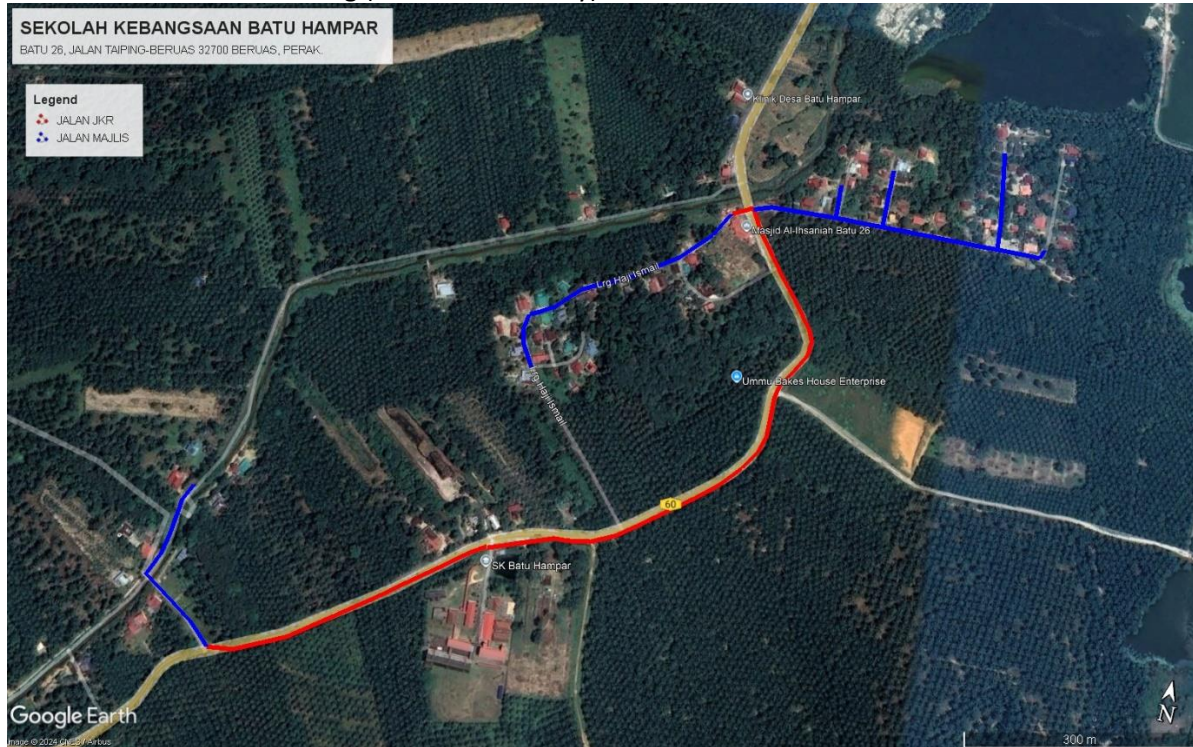
Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	2	240M
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	24	1080M
		Majlis	35	1505m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				2825m

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	FDC	0	4.315968	100.431470	Majlis Daerah Road
2	T001	3	4.315995	100.431430	Majlis Daerah Road
3	T002	940	4.321755	100.430932	Majlis Daerah Road
4	T003	40	4.321823	100.431346	Majlis Daerah Road
5	T004	40	4.321982	100.431347	Majlis Daerah Road
6	T005	40	4.321839	100.431453	Majlis Daerah Road
7	T006	40	4.321830	100.431563	Majlis Daerah Road
8	T007	40	4.321978	100.431574	Majlis Daerah Road
9	T008	40	4.322104	100.431566	Majlis Daerah Road
10	T009	40	4.321829	100.431704	Majlis Daerah Road
11	T010	40	4.321837	100.431859	Majlis Daerah Road
12	T011	40	4.321830	100.431976	Majlis Daerah Road
13	T012	40	4.321829	100.432088	Majlis Daerah Road
14	T013	40	4.321977	100.432087	Majlis Daerah Road
15	T014	40	4.322128	100.432083	Majlis Daerah Road
16	T015	40	4.322305	100.432066	Majlis Daerah Road
17	T016	40	4.321828	100.432194	Majlis Daerah Road
18	T017	40	4.321865	100.432302	Majlis Daerah Road
19	T018	35	4.321664	100.430839	Majlis Daerah Road
20	T019	35	4.321552	100.430769	Majlis Daerah Road
21	T020	35	4.321467	100.430688	Majlis Daerah Road
22	T021	35	4.321400	100.430587	Majlis Daerah Road
23	T022	35	4.321322	100.430467	Majlis Daerah Road
24	T023	35	4.321257	100.430357	Majlis Daerah Road
25	T024	35	4.321187	100.430258	Majlis Daerah Road
26	T025	35	4.321103	100.430168	Majlis Daerah Road
27	T026	35	4.321050	100.430074	Majlis Daerah Road
28	T027	35	4.320927	100.430080	Majlis Daerah Road
29	T028	35	4.320808	100.430146	Majlis Daerah Road
30	T029	406	4.315329	100.425056	Majlis Daerah Road
31	T030	40	4.315404	100.424958	Majlis Daerah Road
32	T031	40	4.315476	100.424839	Majlis Daerah Road
33	T032	40	4.315571	100.424726	Majlis Daerah Road
34	T033	40	4.315703	100.424775	Majlis Daerah Road
35	T034	40	4.315855	100.424780	Majlis Daerah Road
36	T035	40	4.315989	100.424814	Majlis Daerah Road
37	T036	45	4.320127	100.430447	JKR Road
38	T037	45	4.315361	100.425191	JKR Road
39	T038	45	4.315430	100.125316	JKR Road



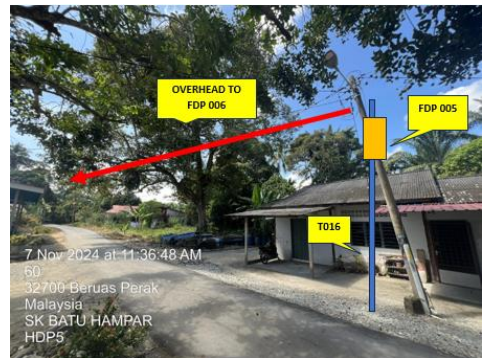
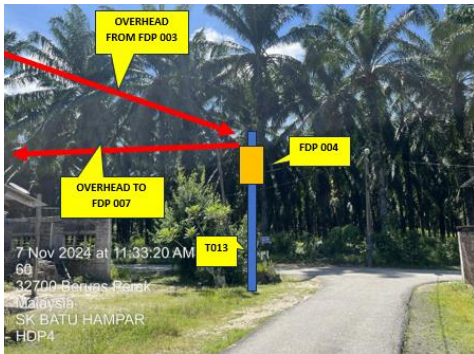
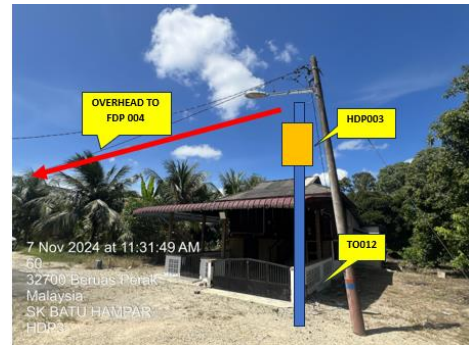
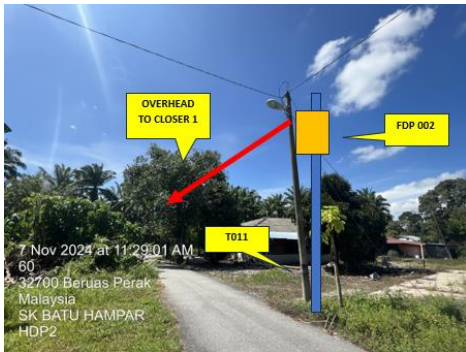
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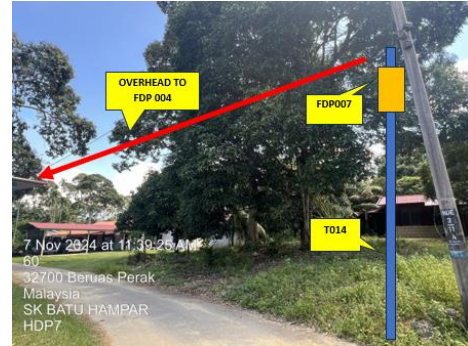


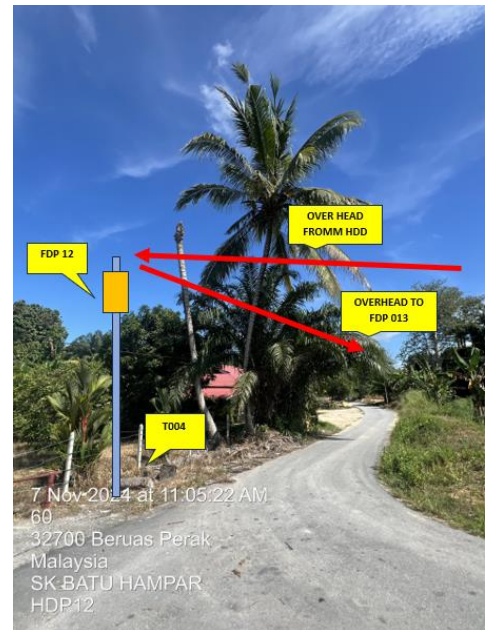
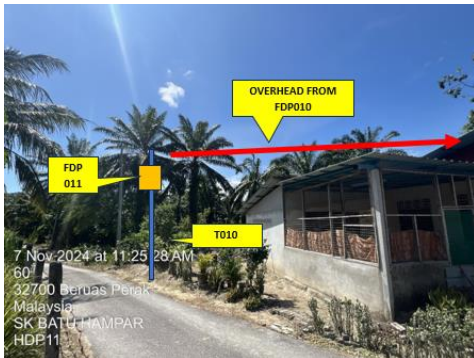
40	T039	45	4.315511	100.425497	JKR Road
41	T040	45	4.315601	100.425553	JKR Road
42	T041	45	4.315688	100.425676	JKR Road
43	T042	45	4.315786	100.425792	JKR Road
44	T043	45	4.315879	100.425916	JKR Road
45	T044	45	4.315966	100.430037	JKR Road
46	T045	45	4.320046	100.430163	JKR Road
47	T046	45	4.320106	100.430302	JKR Road
48	T047	45	4.320151	100.430594	JKR Road
49	T048	45	4.320320	100.430838	JKR Road
50	T049	45	4.320412	100.430953	JKR Road
51	T050	45	4.320510	100.431064	JKR Road
52	T051	45	4.320625	100.431160	JKR Road
53	T052	45	4.320768	100.431202	JKR Road
54	T053	45	4.320913	100.431197	JKR Road
55	T054	45	4.321049	100.431246	JKR Road
56	T055	45	4.321186	100.431306	JKR Road
57	T056	45	4.321320	100.431248	JKR Road
58	T057	45	4.321440	100.431157	JKR Road
59	T058	45	4.321560	100.431074	JKR Road
60	T059	45	4.321678	100.430996	JKR Road

5.0 SITE PHOTOS - PROPOSED NEW POLE











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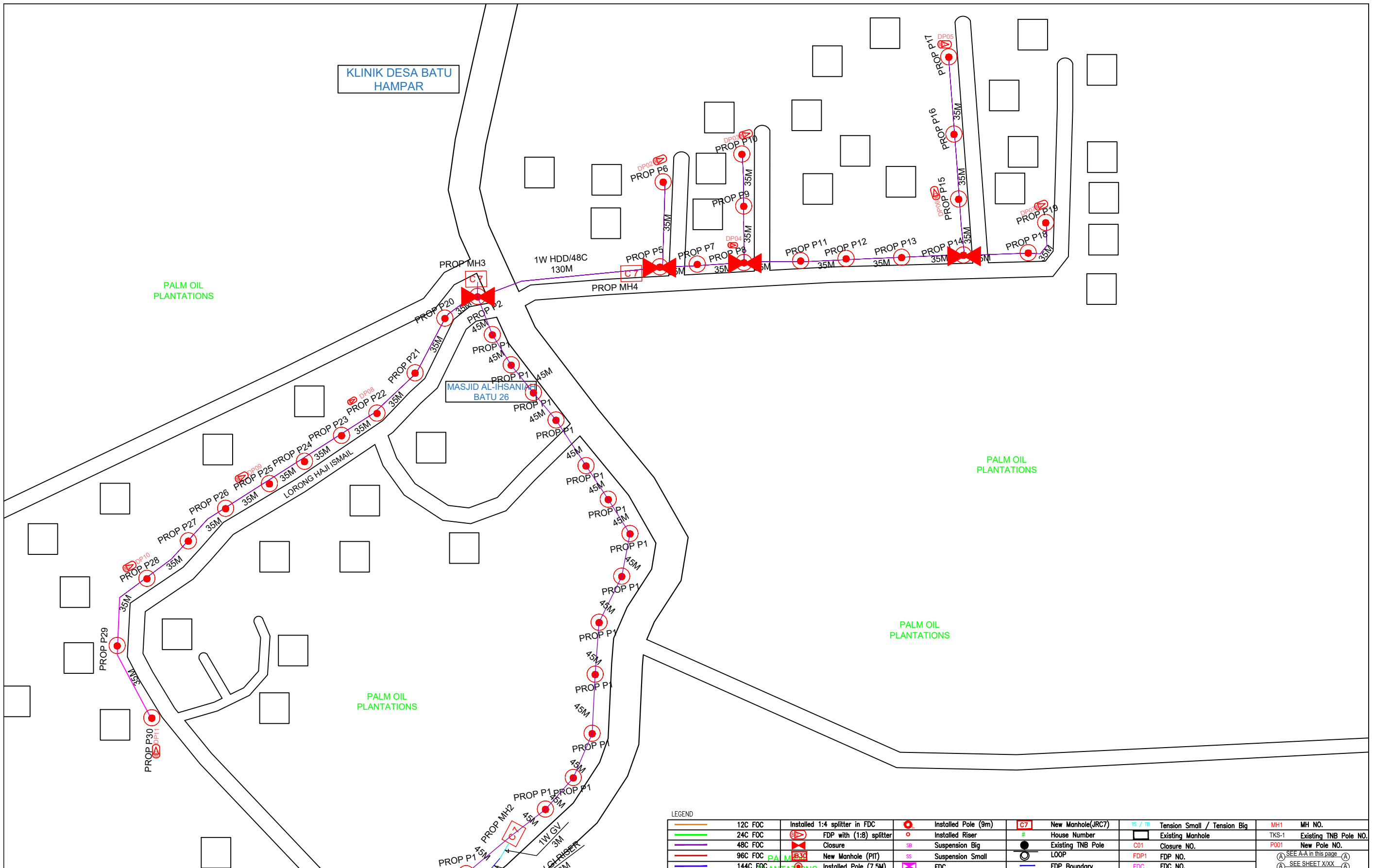


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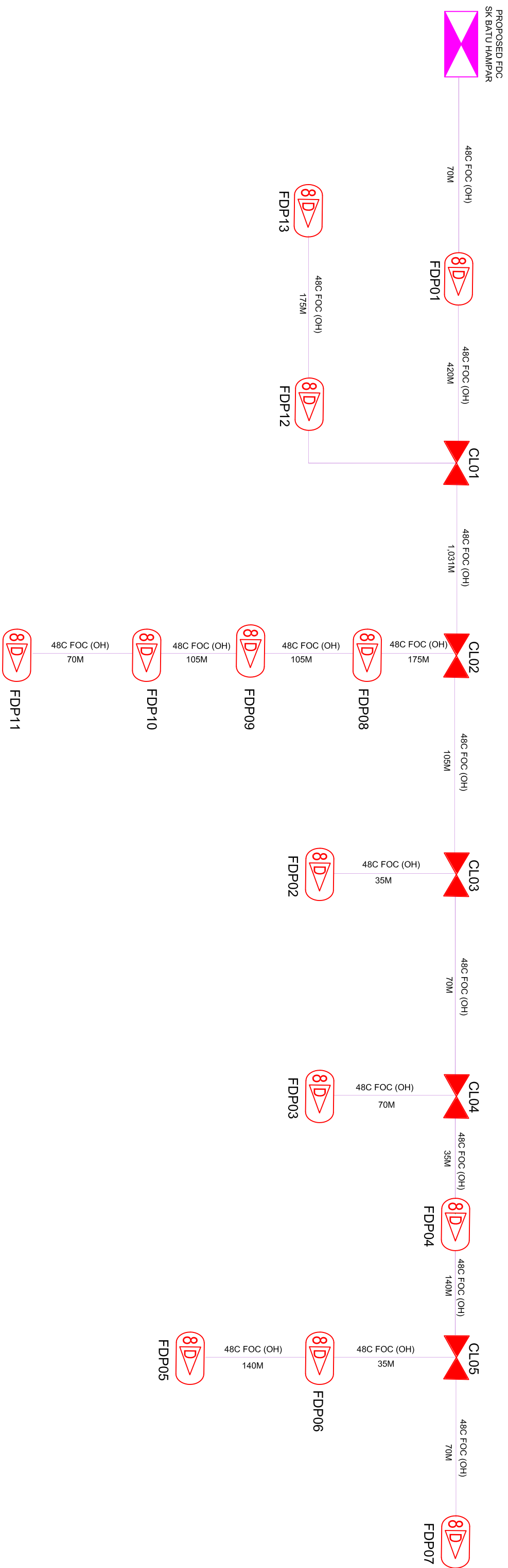
6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Larut Matang	2825m



LEGEND	
	12C FOC
	24C FOC
	48C FOC
	96C FOC
	144C FOC
	Installed Pole (9m)
	Installed Pole (7.5M)
	Installed 1:4 splitter in FDC
	FDP with (1:8) splitter
	Closure
	New Manhole (PIT)
	Installed Pole (JRC7)
	House Number
	Existing TNB Pole
	LOOP
	FDP Boundary
	Ts / Tg 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

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: PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK BATU HAMPAR) TO PREMISES PASS AREA	DRAWING TITLE: SK BATU HAMPAR	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
						Sheet : 2/2
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LEGEND


12C FOC	Installed 1:4 splitter in FDC	Installed Pole (9m)	New Manhole(JRC7)	TS / TB	Tension Small / Tension Big	MHT	MH NO.
24C FOC	FDP with (1:8) splitter	Installed Riser	House Number	#	Existing Manhole	TKS-1	Existing THB Pole NO.
48C FOC	Closure	Suspension Big	Existing THB Pole	001	Closure NO.	PO01	New Pole NO.
96C FOC	New Manhole (PT)	Suspension Small	LOOP	FDP1	FDP NO.	SEE EXISTING DRAWING	
144C FOC	Installed Pole (7.5M)	FDC	FDP Boundary	FDC	FDC NO.	SEE SHEET XXX	

KEY PLAN :


PROJECT OWNER :



MAIN CONTRACTOR :



SUB-CONTRACTOR :



ARCHWAY MAPPING SERVICES SDN BHD
No 48 Jalan TU 39A, Taman Teak Utama,
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Email: info@archwaymapping.com
Website: www.archwaymapping.com

PROJECT TITLE: PROPOSAL (D-SIDE) FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK BATU HAMPAR) TO PREMISES PASS AREA

DRAWING TITLE: D-SIDE - SK BATU HAMPAR

PROJECT PHASE: PROJECT PHASE

DESIGN BY : ENGINEER
DRAWN BY : CAD ENGINEER
CHECKED BY : ENGINEER

DATE :
SCALE : NTS
JOB NUMBER : JOB/NUMBER

DRAWING NUMBER :
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