





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 ABD6118 SEKOLAH JENIS KEBANGSAAN (T) LADANG TEMERLOH (D-SIDE)

Company Name : Archway Mapping Services Sdn. Bhd.
Company Address : No 48-1, Jalan TU39A, Ayer Keroh Melaka
Prepared By : Muhammad Adham
Date : 08/11/2024

 <p style="font-size: small; margin-top: 5px;">8 Nov 2024 at 10:48:02 AM Jalan Temerloh - Kuala Terengganu 34800 Tring Perak Malaysia SUK (T) LADANG TEMERLOK FDC/FDP1</p>	 <p style="font-size: small; margin-top: 5px;">8 Nov 2024 at 10:30:37 AM Jalan Temerloh - Kuala Terengganu 34800 Tring Perak Malaysia SUK (T) LADANG TEMERLOK FDP13</p>
Point A	Point B

Starting Point

Site / Boundary Name : TRONG
 Address : SUK T LADANG TEMERLOH
 District : LARUT MATANG
 Postcode : 34800
 State : PERAK
 GPS Coordinate : 4.650757 100.696091
 LRD : A

End Point

Site / Boundary Name : TRONG
 Address : PEKAN TEMERLOK, PERAK
 District : LARUT MATANG
 Postcode : 34800
 State : PERAK
 GPS Coordinate : 4.390292,100.403091
 LRD : B



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1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	397
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	12
4	Micro Trenching (MT)	m	0
Total			409

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	1249
2	Install New Pole	ea	30
3	Install New JRC7 Manhole	ea	5
4	Install GI Riser 100mm	m	24
5	Install Fiber Distribution Point	ea	13
6	Install Closure	ea	4
7	Estimated Time Required for Completion	days	14



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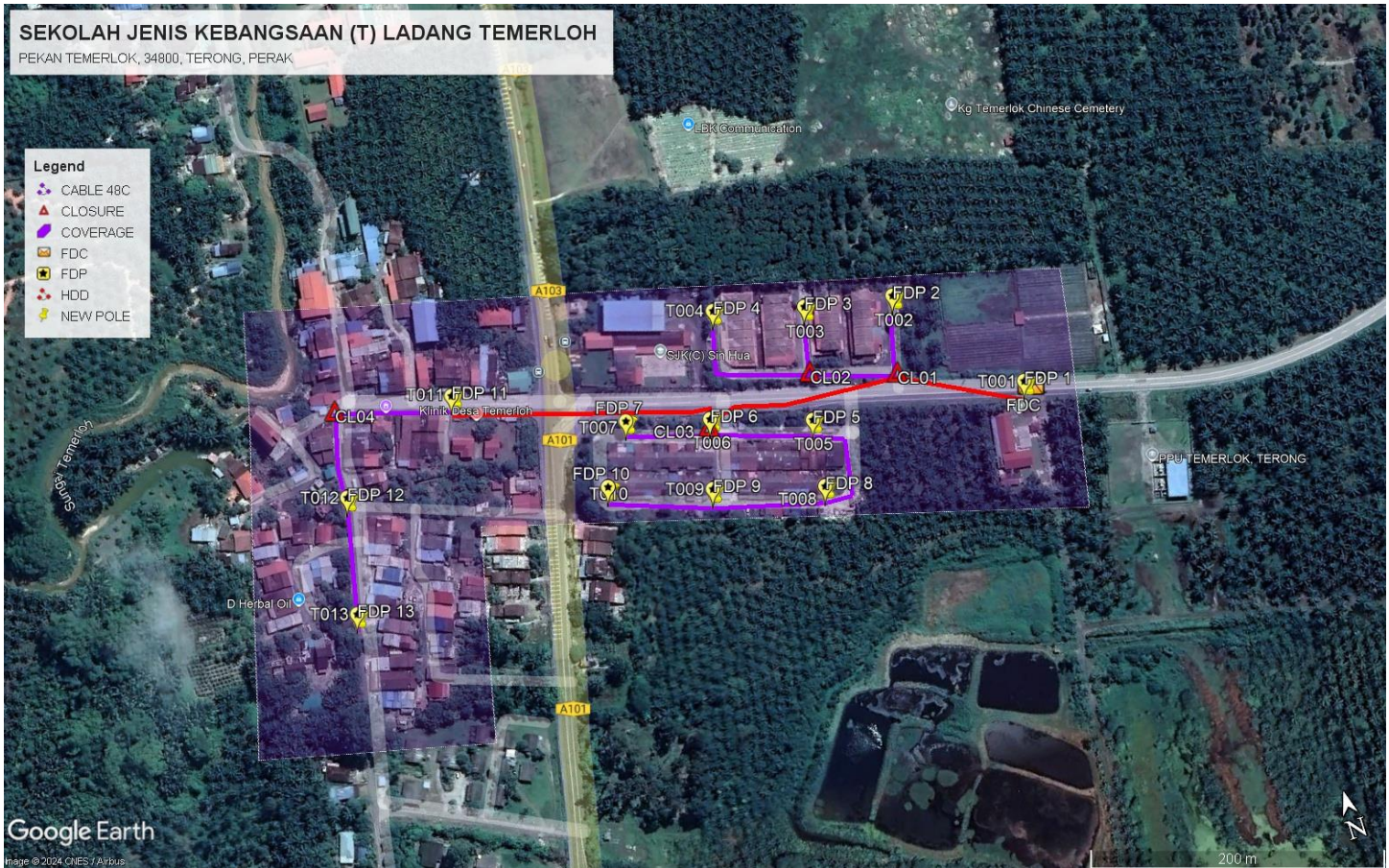
2.0 LOCAL AUTHORITY SUMMARY

Daerah Larut Matang

Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	3	397m
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	-	-
		Majlis	30	840m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				1237m

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	4.390338	100.414715	Majlis Daerah Road
2	T001	3	4.390342	100.414700	Majlis Daerah Road
3	T002	132	4.390481	100.414433	Majlis Daerah Road
4	T003	35	4.390549	100.414456	Majlis Daerah Road
5	T004	35	4.390618	100.414475	Majlis Daerah Road
6	T005	35	4.390514	100.414340	Majlis Daerah Road
7	T006	35	4.390537	100.414250	Majlis Daerah Road
8	T007	35	4.390654	100.414274	Majlis Daerah Road
9	T008	35	4.390576	100.414148	Majlis Daerah Road
10	T009	35	4.390605	100.414052	Majlis Daerah Road
11	T010	35	4.390707	100.414070	Majlis Daerah Road
12	T011	220	4.390529	100.413808	Majlis Daerah Road
13	T012	35	4.390504	100.413901	Majlis Daerah Road
14	T013	35	4.390477	100.413995	Majlis Daerah Road
15	T014	35	4.390448	100.414082	Majlis Daerah Road
16	T015	35	4.390404	100.414216	Majlis Daerah Road
17	T016	35	4.390381	100.414283	Majlis Daerah Road
18	T017	35	4.390269	100.414259	Majlis Daerah Road
19	T018	35	4.390255	100.414197	Majlis Daerah Road
20	T019	35	4.390281	100.414087	Majlis Daerah Road
21	T020	35	4.390321	100.413949	Majlis Daerah Road
22	T021	35	4.390357	100.413831	Majlis Daerah Road
23	T022	35	4.390397	100.413724	Majlis Daerah Road
24	T023	340	4.390707	100.413443	Majlis Daerah Road
25	T024	40	4.390742	100.413332	Majlis Daerah Road
26	T025	40	4.390781	100.413191	Majlis Daerah Road
27	T026	40	4.390659	100.413161	Majlis Daerah Road
28	T027	40	4.390552	100.413145	Majlis Daerah Road
29	T028	40	4.390450	100.413129	Majlis Daerah Road
30	T029	40	4.390364	100.413111	Majlis Daerah Road
31	T030	40	4.390292	100.413091	Majlis Daerah Road

5.0 SITE PHOTOS - PROPOSED NEW POLE

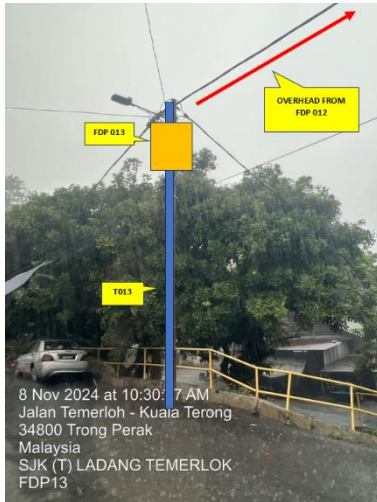








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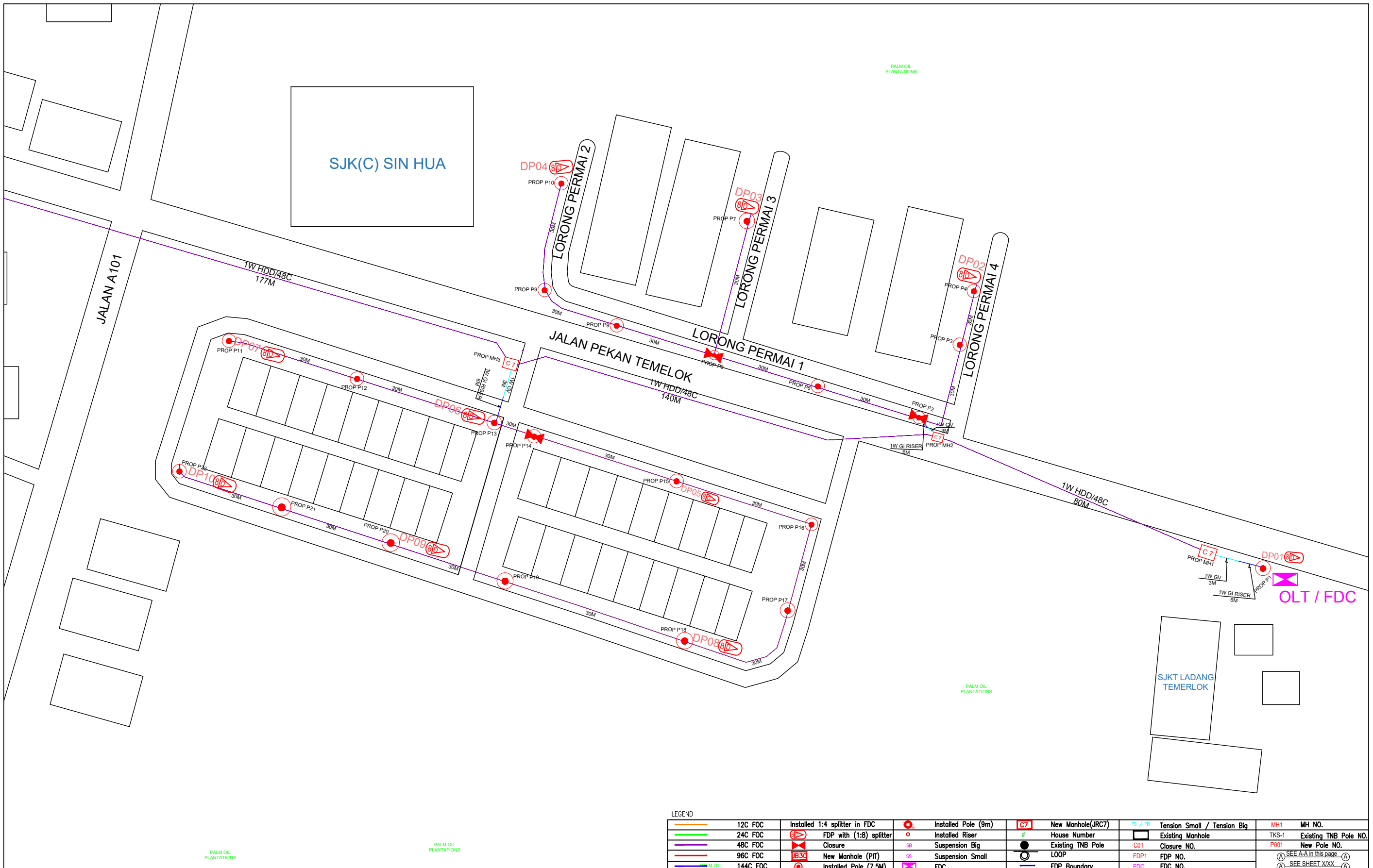


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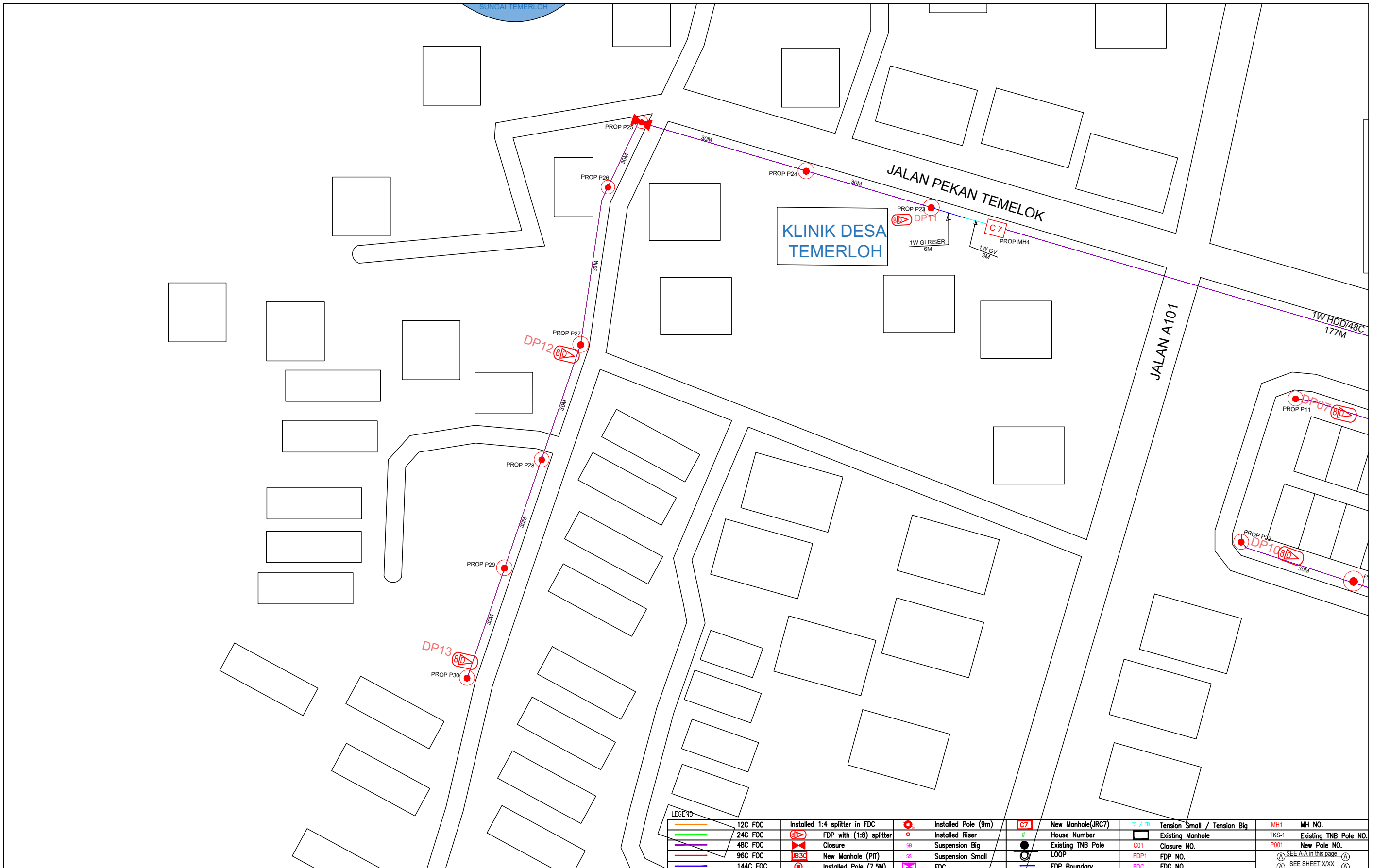
6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Larut Matang	1237m



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 (9m)
	Installed Riser
	Suspension Big
	Suspension Small
	FDC
	New Manhole(JRC7)
	House Number
	Existing TNB Pole
	LOOP
	FDP Boundary
	TS / TB Tension Small / Tension Big
	Existing Manhole
	C01 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 :	PROJECT TITLE:	DRAWING TITLE:	Design By : ENGINEER	Date : DATE
				PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SJKT LADANG TEMERLOK) TO PREMISES PASS AREA	SJKT LADANG TEMERLOK	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 Website : www.archwaymalaysia.com		PROJECT PHASE:	Checked By : ENGINEER	Job Number : JOB/NUMBER
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LEGEND		Legend		Legend		Legend		Legend	
	12C FOC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big		MH NO.
	24C FOC		Installed Riser		House Number		Existing Manhole		Existing TNB Pole NO.
	48C FOC		Suspension Big		Existing TNB Pole		Closure NO.		New Pole NO.
	96C FOC		Suspension Small		LOOP		FDP NO.		SEE A-A in this page
	144C FOC		FDC		FDP Boundary		FDC NO.		SEE SHEET XXX
	Installed 1:4 splitter in FDC		Installed Pole (7.5M)		Installed Pole (7.5M)		Installed Pole (7.5M)		Installed Pole (7.5M)
	FDP with (1:8) splitter		Closure		New Manhole (PIT)		Existing Manhole		Existing Manhole
	Closure		New Manhole (PIT)		Existing Manhole		Existing Manhole		Existing Manhole
	Installed Pole (7.5M)		Existing Manhole		Existing Manhole		Existing Manhole		Existing Manhole

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