



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 ABB8225 SEKOLAH KEBANGSAAN LAMBOR KANAN (D-SIDE))

**Company Name** : Archway Mapping Services Sdn. Bhd.  
**Company Address** : No 48-1, Jalan TU39A, Ayer Keroh Melaka  
**Prepared By** : Muhammad Adham  
**Date** : 22/09/2025



### Starting Point

**Site / Boundary Name** : PERAK TENGAH  
**Address** : SK LAMBOR KANAN  
**District** : LAMBOR KANAN  
**Postcode** : 32900  
**State** : PERAK  
**GPS Coordinate** : 4.268086, 100.903780  
**LRD** : A

### End Point

**Site / Boundary Name** : PERAK TENGAH  
**Address** : JLN PPRT RIMBA RAJA  
**District** : LAMBOR KANAN  
**Postcode** : 32900  
**State** : PERAK  
**GPS Coordinate** : 4.265808, 100.909488  
**LRD** : B



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## 1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	335
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	0
4	Micro Trenching (MT)	m	0
Total			335

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	2120
2	Install New Pole	ea	52
3	Install New JRC7 Manhole	ea	4
4	Install GI Riser 100mm	m	18
5	Install Fiber Distribution Point	ea	13
6	Install Closure	ea	2
7	Estimated Time Required for Completion	days	21

## 2.0 LOCAL AUTHORITY SUMMARY

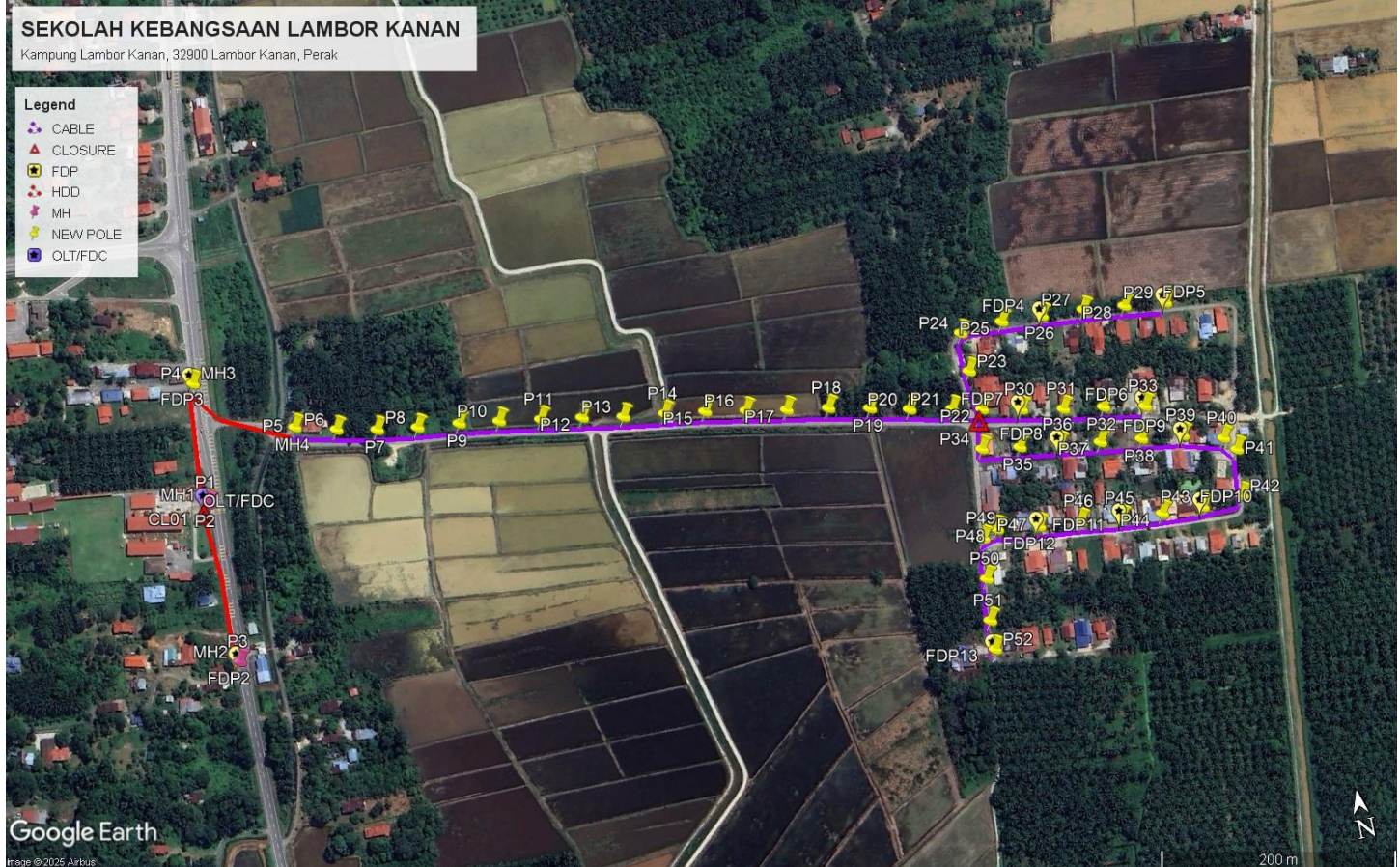
Daerah Perak Tengah

Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	1	335m
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	4	-
		Majlis	48	1785m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				2120m

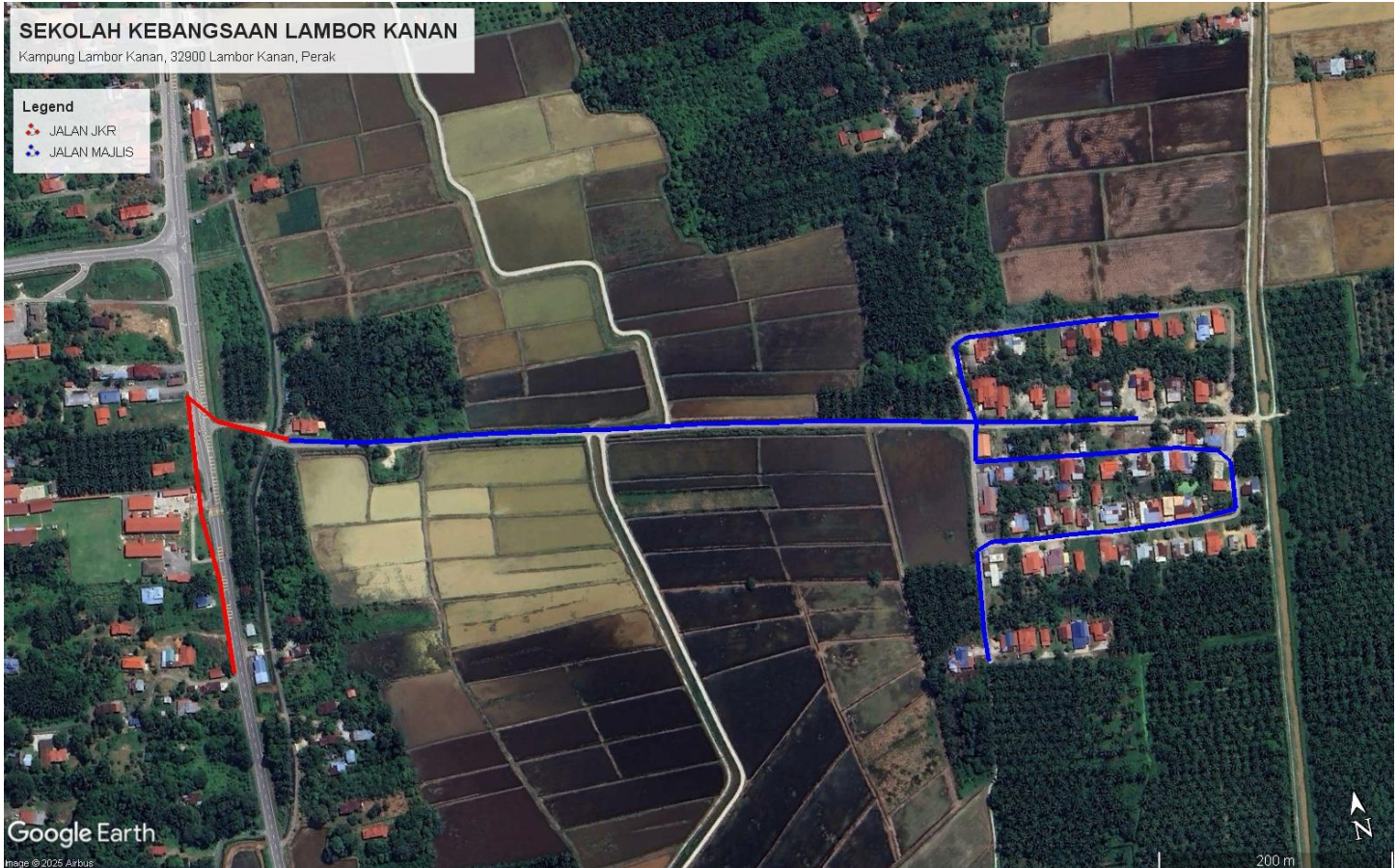
### 3.0 SITE PLAN (KMZ)

#### 3.1 Overview Site Area

5.017300



### 3.2 Site Plan - KMZ Routing (All Local Authority)



**Red Colour – JKR Road**

**Blue Colour - PDT Roa**

#### 4.0 PROPOSED NEW POLE FDP

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	0	4.268086	100.903780	JKR Road
2	T002	35	4.268078	100.903776	JKR Road
3	T003	35	4.266844	100.903785	JKR Road
4	T004	35	4.269001	100.903849	JKR Road
5	T005	35	4.268521	100.904550	Majlis Road
6	T006	35	4.268442	100.904860	Majlis Road
7	T007	35	4.268380	100.905166	Majlis Road
8	T008	35	4.268337	100.905473	Majlis Road
9	T009	35	4.268304	100.905792	Majlis Road
10	T010	35	4.268262	100.906096	Majlis Road
11	T011	35	4.268213	100.906413	Majlis Road
12	T012	35	4.268165	100.906726	Majlis Road
13	T013	35	4.268110	100.907038	Majlis Road
14	T014	35	4.268070	100.907354	Majlis Road
15	T015	35	4.268027	100.907660	Majlis Road
16	T016	35	4.267972	100.907971	Majlis Road
17	T017	35	4.267918	100.908278	Majlis Road
18	T018	35	4.267868	100.908595	Majlis Road
19	T019	35	4.267804	100.908907	Majlis Road
20	T020	35	4.267737	100.909204	Majlis Road
21	T021	35	4.267676	100.909526	Majlis Road
22	T022	35	4.267629	100.909750	Majlis Road
23	T023	35	4.267935	100.909708	Majlis Road
24	T024	35	4.268232	100.909703	Majlis Road
25	T025	35	4.268257	100.910027	Majlis Road
26	T026	35	4.268241	100.910338	Majlis Road
27	T027	35	4.268226	100.910659	Majlis Road
28	T028	35	4.268193	100.910974	Majlis Road
29	T029	35	4.268157	100.911288	Majlis Road
30	T030	35	4.267569	100.910046	Majlis Road
31	T031	35	4.267510	100.910361	Majlis Road
32	T032	35	4.267466	100.910668	Majlis Road
33	T033	35	4.267409	100.910981	Majlis Road
34	T034	35	4.267332	100.909688	Majlis Road
35	T035	35	4.267289	100.909977	Majlis Road
36	T036	35	4.267249	100.910279	Majlis Road
37	T037	35	4.267207	100.910590	Majlis Road
38	T038	35	4.267170	100.910904	Majlis Road
39	T039	35	4.267133	100.911220	Majlis Road
40	T040	35	4.267052	100.911524	Majlis Road



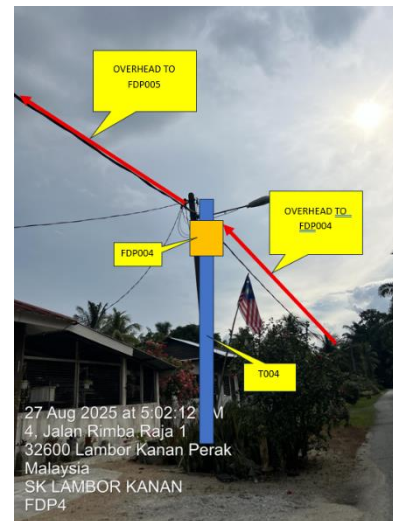
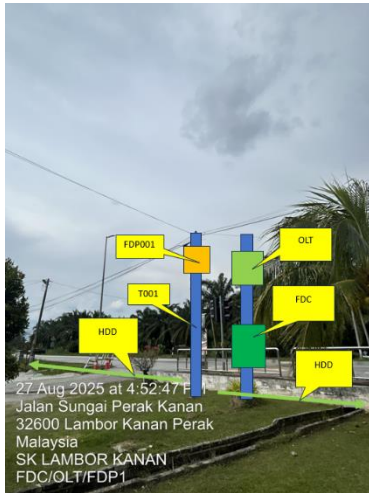
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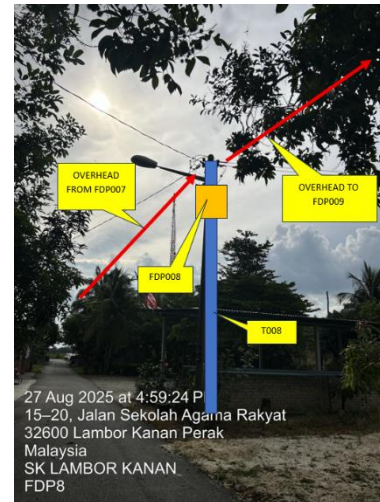
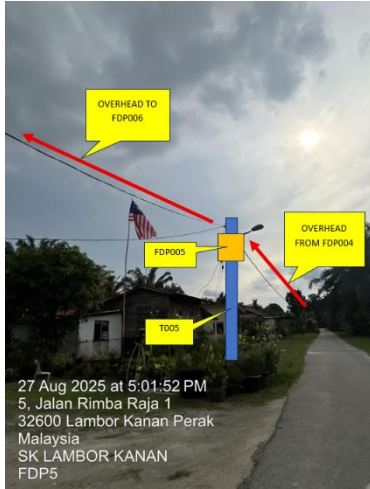


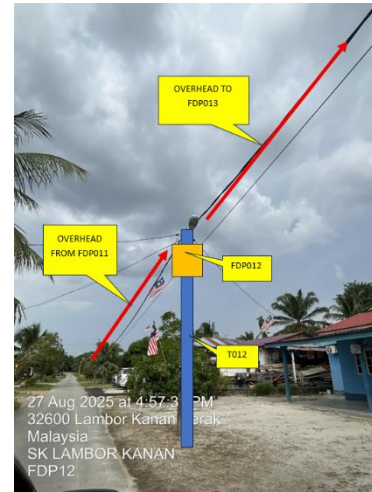
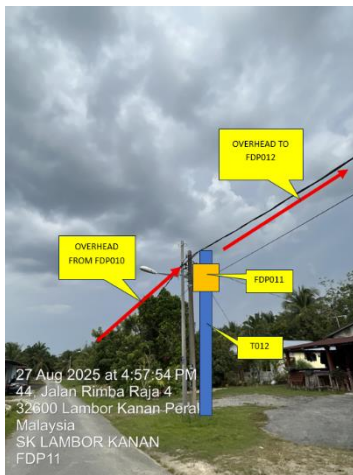
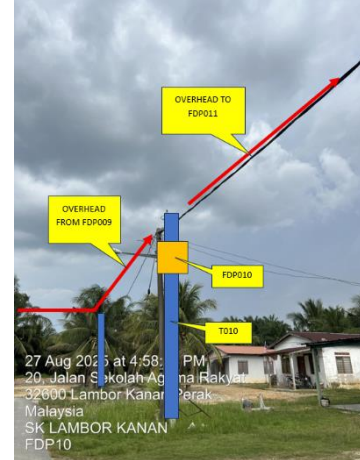
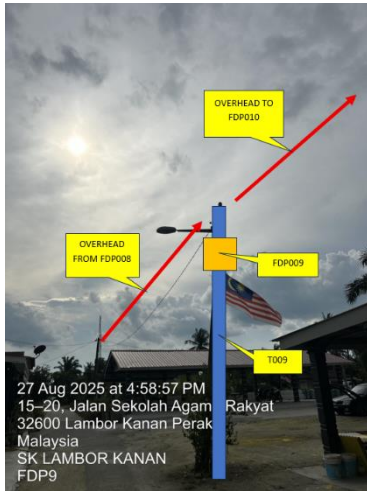
41	T041	35	4.266948	100.911607	Majlis Road
42	T042	35	4.266592	100.911578	Majlis Road
43	T043	35	4.266567	100.911263	Majlis Road
44	T044	35	4.266578	100.910949	Majlis Road
45	T045	35	4.266602	100.910635	Majlis Road
46	T046	35	4.266640	100.910322	Majlis Road
47	T047	35	4.266665	100.910003	Majlis Road
48	T048	35	4.266707	100.909683	Majlis Road
49	T049	35	4.266658	100.909563	Majlis Road
50	T050	35	4.266349	100.909530	Majlis Road
51	T051	35	4.266031	100.909494	Majlis Road
52	T052	35	4.265808	100.909488	Majlis Road

BIL	TYPE	7.5m	9m	TOTAL
1	No of Pole	51	1	52

**5.0 SITE PHOTOS - PROPOSED NEW POLE**









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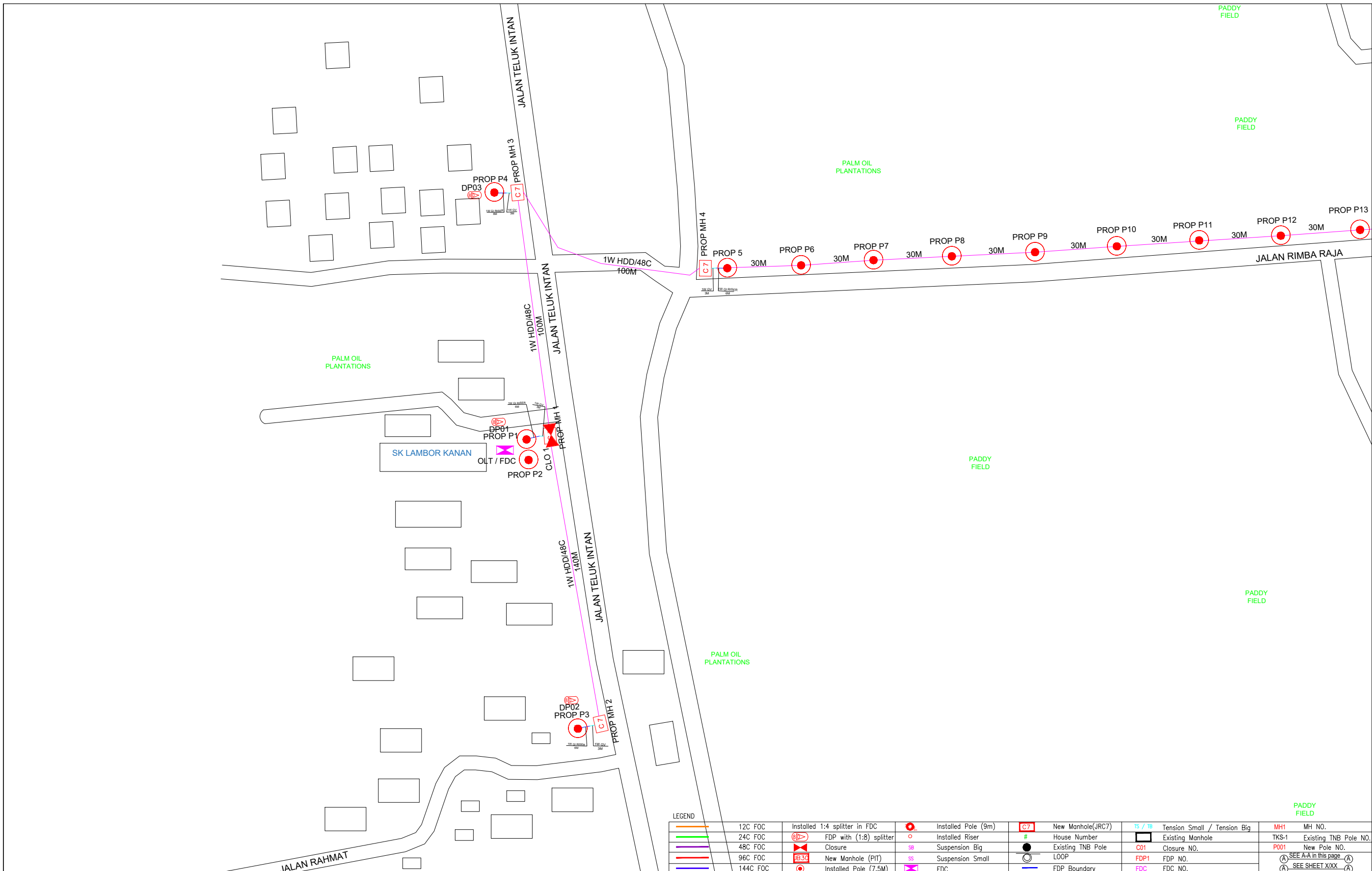
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## 6.0 3<sup>rd</sup> PARTIES DEPENDENCIES

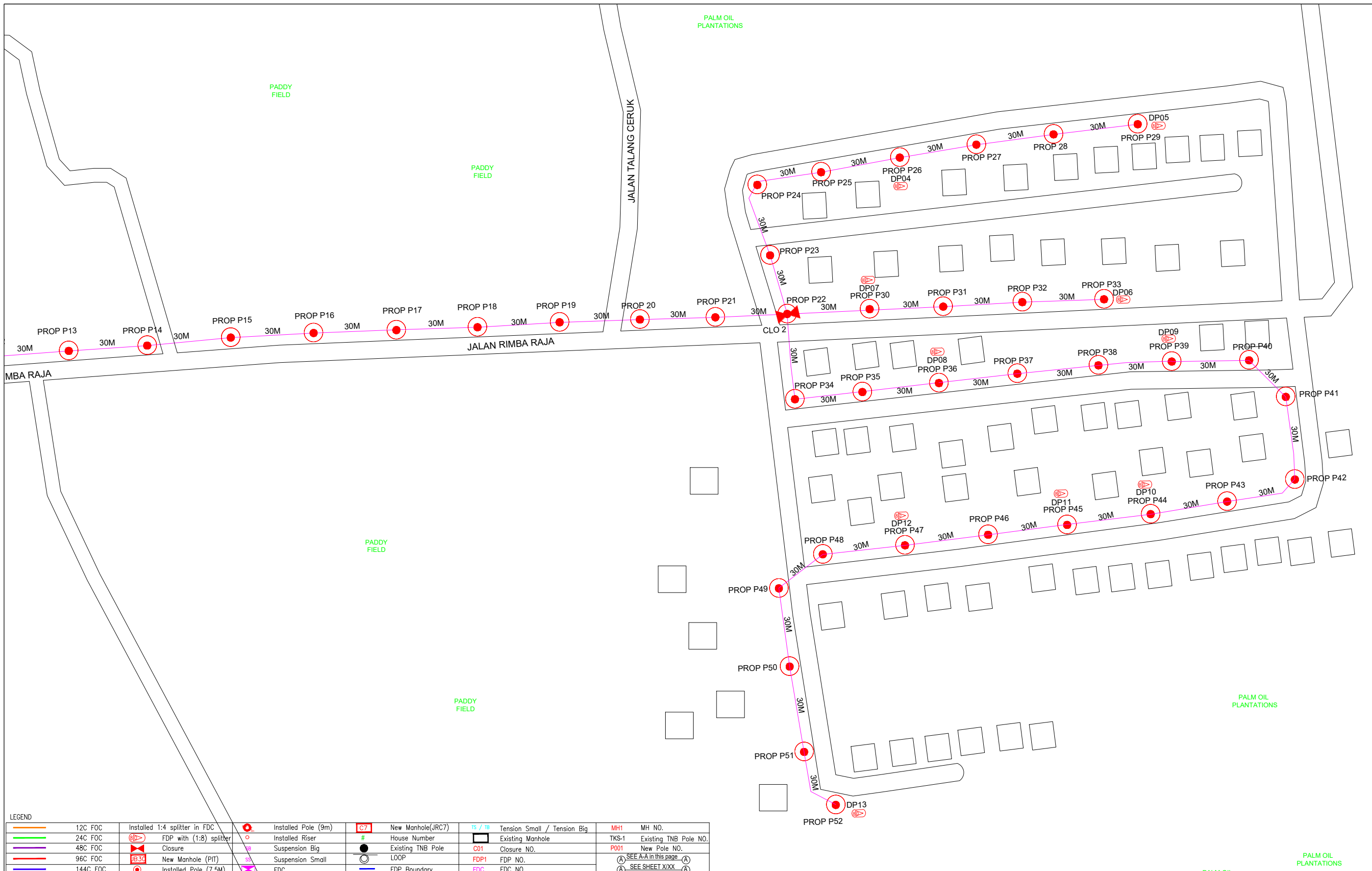
NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Perak Tengah	2120m





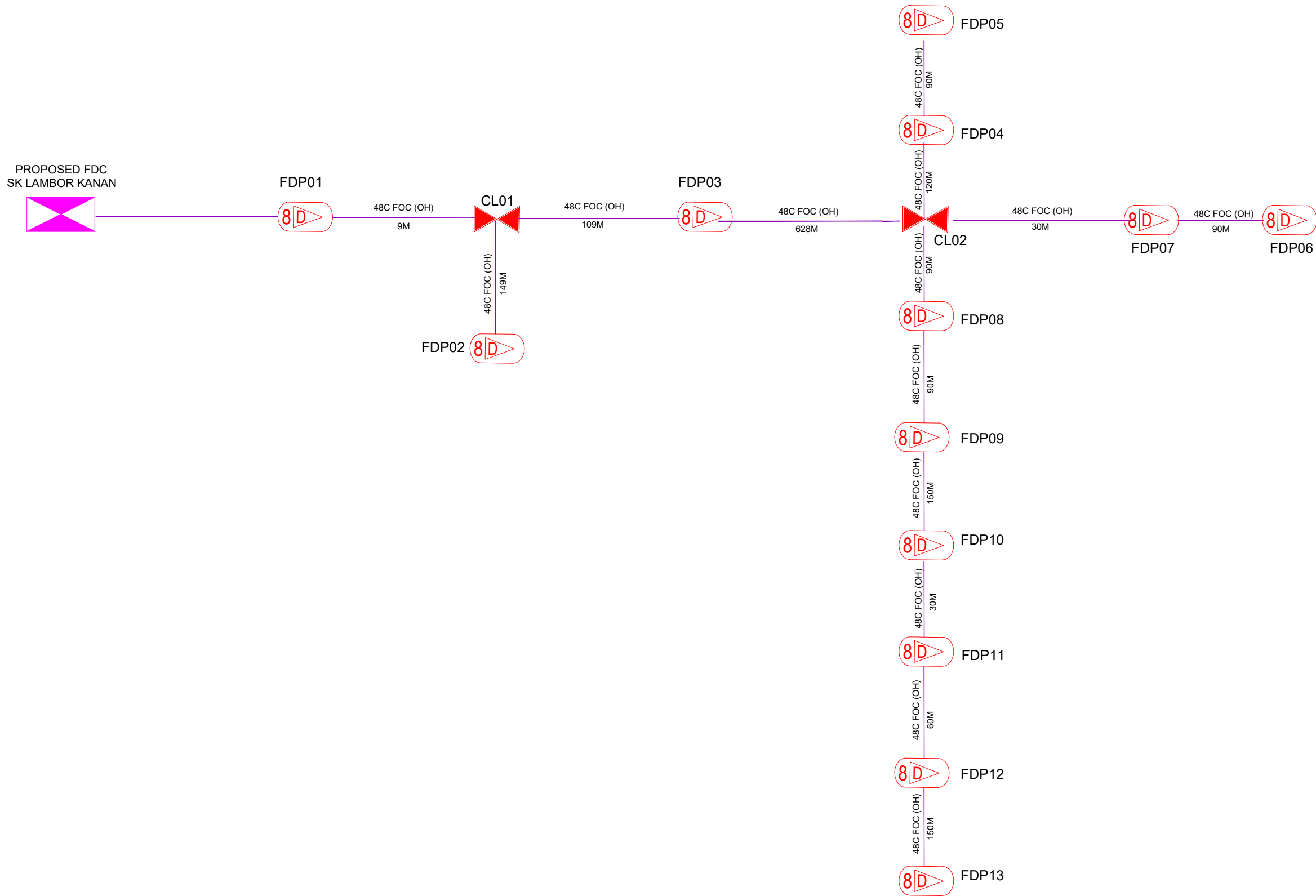
LEGEND	
	12C FOC
	24C FOC
	48C FOC
	96C FOC
	144C FOC
	Installed 1:4 splitter in FDC
	FDP with (1:8) splitter
	Closure
	New Manhole (PIT)
	Installed Pole (7.5M)
	Installed Pole (9m)
	Installed Riser
	Suspension Big
	Suspension Small
	FDC
	New Manhole(JRC7)
	House Number
	Existing TNB Pole
	LOOP
	FDP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

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 (SK LAMBOR KANAN) TO PREMISES PASS AREA	SK LAMBOR KANAN	Drawn By : CAD ENGINEER	Scale : NTS
						Checked By : ENGINEER	Job Number : JOB/NUMBER
			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			DRAWING NUMBER :	Sheet : 1/2
					PROJECT PHASE:	DRAWING/NUMBER	
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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		FDP with (1:8) splitter		Existing TNB Pole		Closure NO.		New Pole NO.
	96C FOC		Closure		LOOP		FDP NO.		SEE A-A in this page
	144C FOC		New Manhole (PIT)		Suspension Small		FDC NO.		SEE SHEET XXX
	144C FOC		Installed Pole (7.5M)		Suspension Big		FDC NO.		
			FDC		FDC				

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LEGEND									
	12C FOC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big		MH NO.
	24C FOC		Installed Riser		House Number		Existing Manhole		TKS-1 Existing TNB Pole NO.
	48C FOC		Closure		Suspension Big		Existing TNB Pole		C01 Closure NO.
	96C FOC		New Manhole (PIT)		Suspension Small		LOOP		FDP1 FDP NO.
	144C FOC		Installed Pole (7.5M)		FDC		FDP Boundary		FDC NO.

KEY PLAN :	PROJECT OWNER : 	MAIN CONTRACTOR  <b>PRIVASAT</b>	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 LAMBOR KANAN) TO PREMISES PASS AREA	DRAWING TITLE: D-SIDE - SK LAMBOR KANAN	Design By : ENGINEER	Date : DATE
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