



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 ABD6108 SEKOLAH JENIS KEBANGSAAN (TAMIL) LADANG MALAYA (D-SIDE))

**Company Name** : Archway Mapping Services Sdn. Bhd.  
**Company Address** : No 48-1, Jalan TU39A, Ayer Keroh Melaka  
**Prepared By** : Muhammad Adham  
**Date** : 20/12/2024



### Starting Point

**Site / Boundary Name** : SELAMA  
**Address** : SJKT LADANG MALAYA  
**District** : SELAMA  
**Postcode** : 34010  
**State** : PERAK  
**GPS Coordinate** : 5.135638, 100.697688  
**LRD** : A

### End Point

**Site / Boundary Name** : SELAMA  
**Address** : A7, PERAK  
**District** : SELAMA  
**Postcode** : 34010  
**State** : PERAK  
**GPS Coordinate** : 5.137255, 100.695867  
**LRD** : B



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## 1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	144
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	6
4	Micro Trenching (MT)	m	0
Total			150

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	561
2	Install New Pole	ea	18
3	Install New JRC7 Manhole	ea	2
4	Install GI Riser 100mm	m	12
5	Install Fiber Distribution Point	ea	7
6	Install Closure	ea	3
7	Estimated Time Required for Completion	days	14

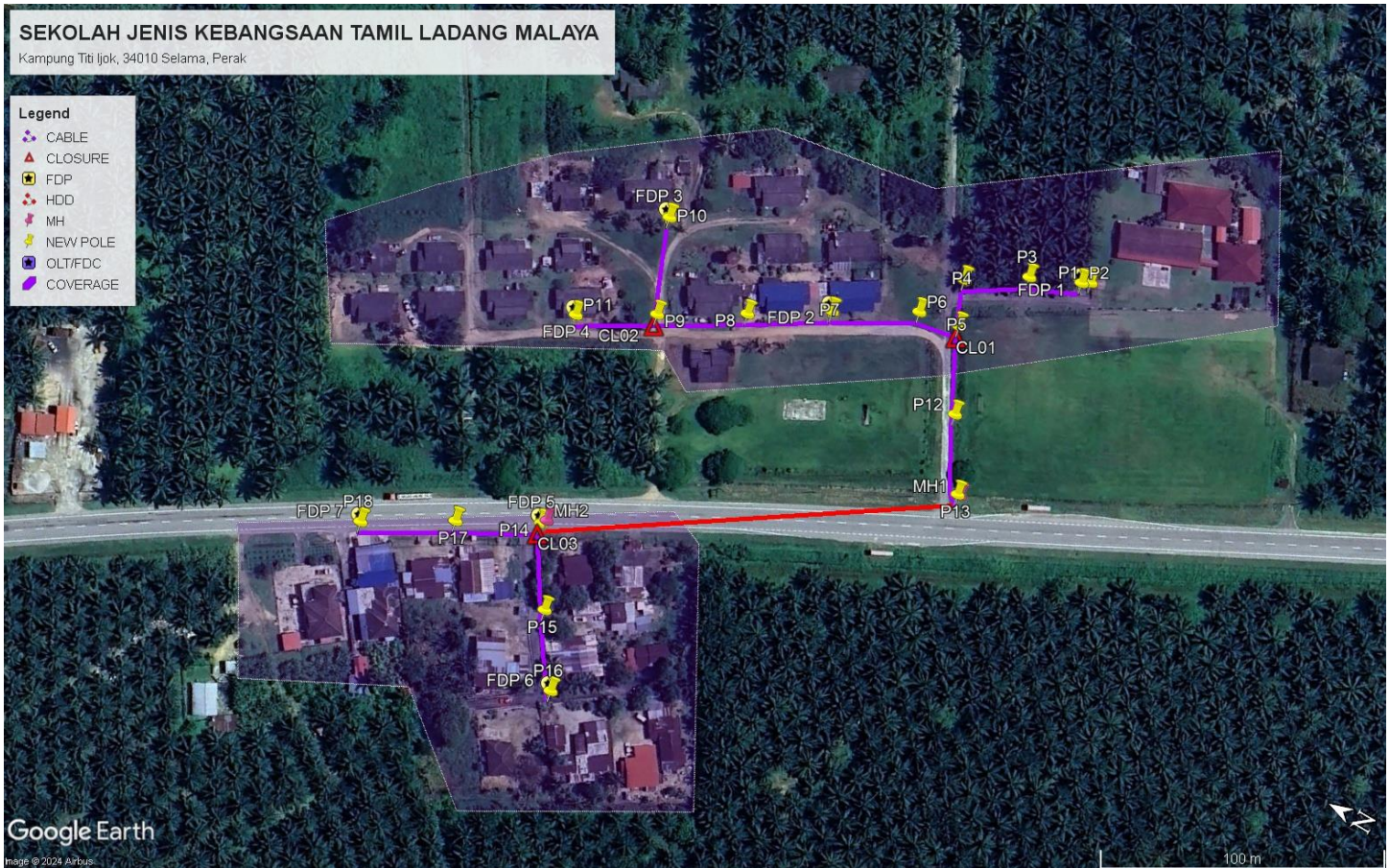
## 2.0 LOCAL AUTHORITY SUMMARY

Daerah Selama

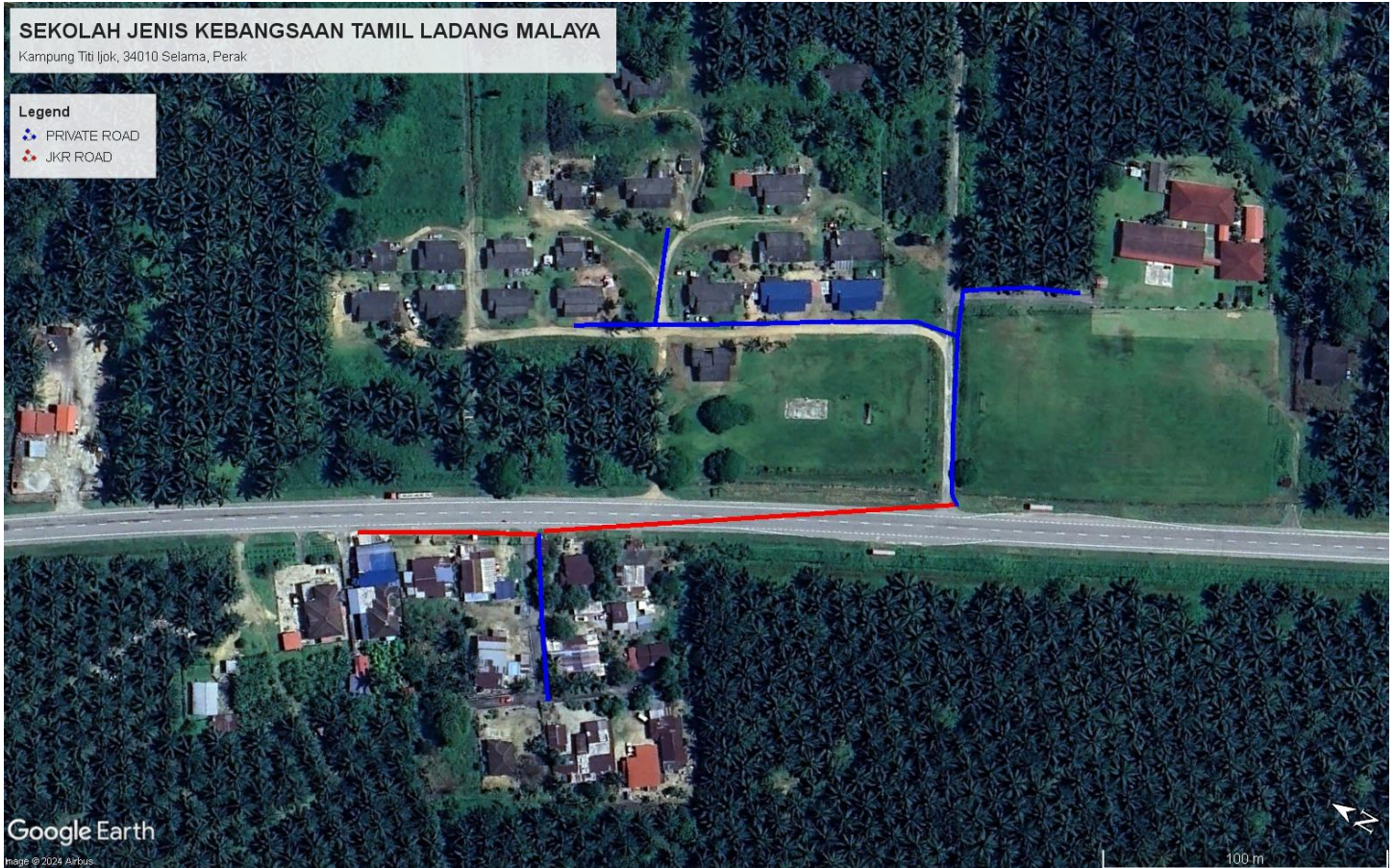
Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	1	150m
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	4	64m
		Majlis	-	-
		Estate / Private Land	14	347m
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				561m

### 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 – PRIVATE Road**



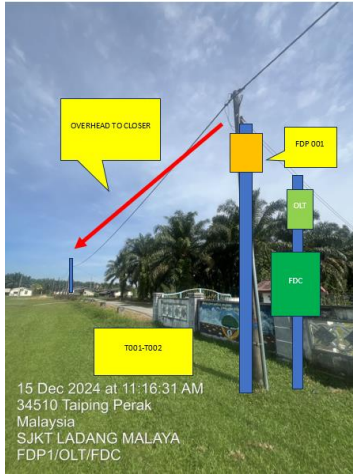
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#### 4.0 PROPOSED NEW POLE FDP

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	0	5.135638	100.697688	Private Road
2	T002	30	5.135662	100.697662	Private Road
3	T003	30	5.135814	100.697605	Private Road
4	T004	30	5.135988	100.697494	Private Road
5	T005	30	5.135929	100.697359	Private Road
6	T006	30	5.136060	100.697335	Private Road
7	T007	30	5.136300	100.697196	Private Road
8	T008	30	5.136527	100.697055	Private Road
9	T009	30	5.136773	100.696909	Private Road
10	T010	30	5.136893	100.697195	Private Road
11	T011	30	5.136995	100.696778	Private Road
12	T012	30	5.135800	100.697110	Private Road
13	T013	30	5.135665	100.696895	JKR Road
14	T014	30	5.136758	100.696151	JKR Road
15	T015	30	5.136611	100.695919	Private Road
16	T016	30	5.136466	100.695706	Private Road
17	T017	30	5.136997	100.696021	JKR Road
18	T018	30	5.137255	100.695867	JKR Road

**5.0 SITE PHOTOS - PROPOSED NEW POLE**







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

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Selama	561m



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**PROJEK : CADANGAN KERJA SERTA PERKHIDMATAN BAGI  
PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF  
PRESENCE (POP) FASA II**

**PERPINDAHAN FDP KE LOKASI BAHARU**

SYARIKAT	KONSORTIUM APEX COMMUNICATIONS PRIVASAT	FASA :	POP Fasa 2
ZON	NORTHERN	TARIKH :	23/12/2024

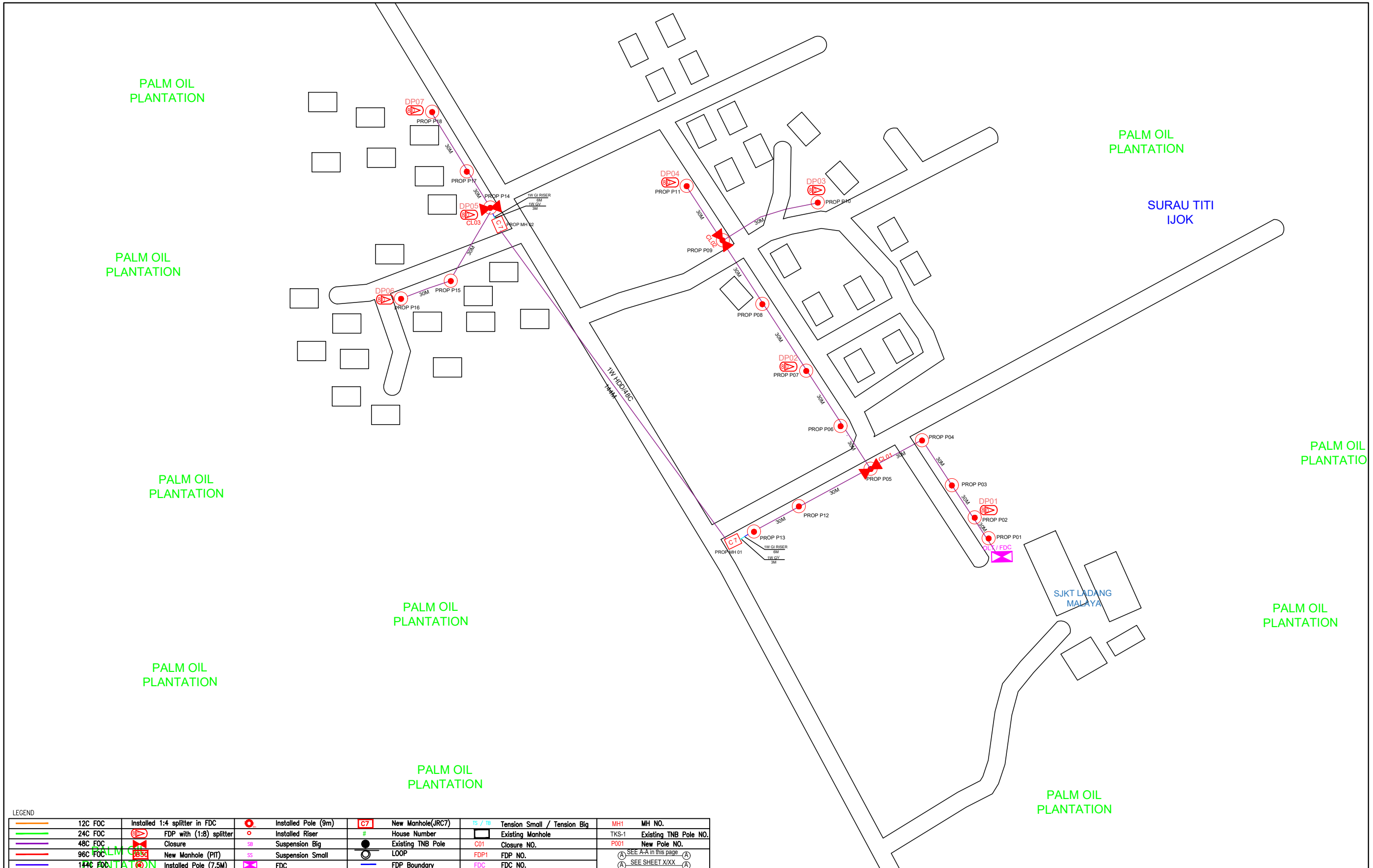
<b>Kod Sekolah</b>	ABD6108	<b>Nama Sekolah</b>	Sekolah Jenis Kebangsaan Tamil Ladang Malaya		
<b>Daerah</b>	SELAMA	<b>Negeri</b>	Perak/ Northern	<b>Koordinat Asal</b>	5.135638, 100.697688

**Isu /Justifikasi**

Didapati kawasan berkenaan adalah kurang penempatan dan menyebabkan kawasan liputan untuk "HomePass" tidak memenuhi kuota yang ditetapkan oleh KKD. Peralihan 6 FDP ke lokasi baru adalah seperti berikut:-

AEA6060 - SEKOLAH MENENGAH KUBU GAJAH – 4 FDP

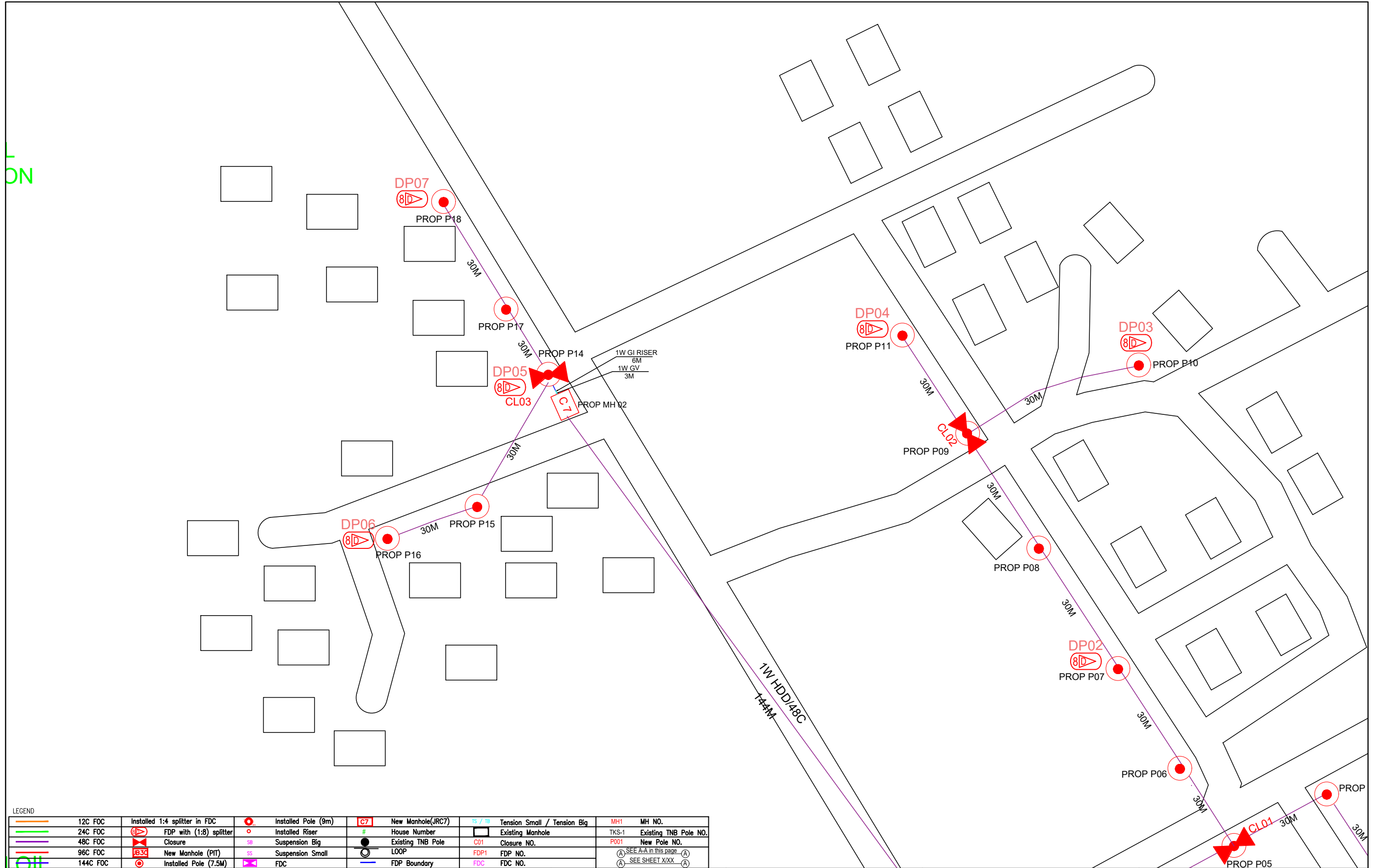
ABA6039 – SEKOLAH KEBANGSAAN BAGAN BARU – 2 FDP



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		Installed Pole (7.5M)		FDC		FDC NO.		SEE SHEET XXX

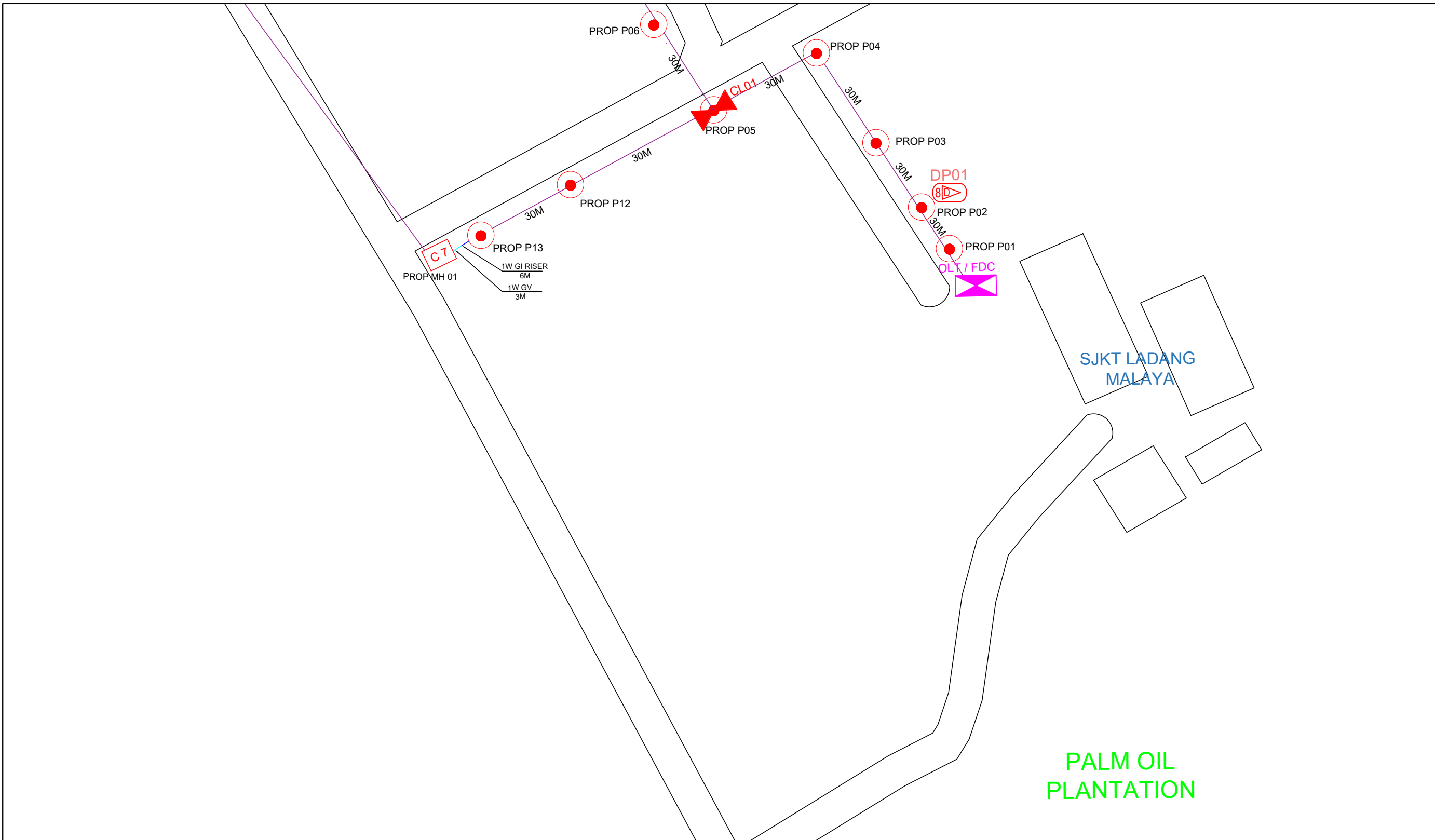
KEY PLAN :	PROJECT OWNER :	MAIN CONTRACTOR :	SUB-CONTRACTOR :	PROJECT TITLE:	DRAWING TITLE:	Design By : ENGINEER	Date : DATE
				PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SJKT LADANG MALAYA) TO PREMISES PASS AREA	SJKT LADANG MALAYA	Drawn By : CAD ENGINEER	Scale : NTS
						Checked 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 : DRAWING/NUMBER	
					PROJECT PHASE:	Sheet : 1/1	
					PROJECT PHASE	THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF ALLO TECHNOLOGY SDN BHD	
						Size : A3	



LEGEND

	12C FOC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big		MH NO.
	24C FOC		FDP with (1:8) splitter		Installed Riser		Existing Manhole		Existing TNB Pole NO.
	48C FOC		Closure		Suspension Big		Closure NO.		New Pole NO.
	96C FOC		New Manhole (PIT)		Suspension Small		FDP NO.		SEE A-A IN THIS PAGE
	144C FOC		Installed Pole (7.5M)		FDC		FDC NO.		SEE SHEET XXX

KEY PLAN :	PROJECT OWNER : 	MAIN CONTRACTOR : 	SUB-CONTRACTOR : 	PROJECT TITLE: PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SJKT LADANG MALAYA) TO PREMISES PASS AREA	DRAWING TITLE: SJKT LADANG MALAYA	Design By : ENGINEER Date : DATE
					PROJECT PHASE: PROJECT PHASE	Drawn By : CAD ENGINEER Scale : NTS
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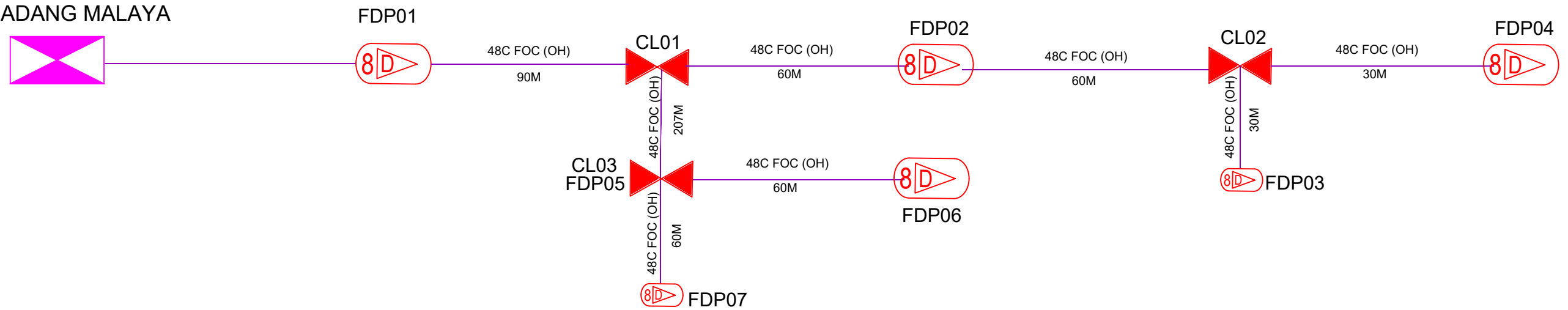


LEGEND

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	□	Existing Manhole	TKS-1	Existing TNB Pole NO.
48C FOC	Closure	Suspension Big	SB	Existing TNB Pole	CO1	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
144C FOC	Installed Pole (7.5M)	FDC	PS	FDP Boundary	FDC	FDC NO.	(A)	SEE SHEET XXX

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 (SJKT LADANG MALAYA) TO PREMISES PASS AREA	DRAWING TITLE: SJKT LADANG MALAYA	Design By : ENGINEER	Date : DATE
					PROJECT PHASE: PROJECT PHASE	Drawn By : CAD ENGINEER	Scale : NTS
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PROPOSED FDC  
SJKT LADANG MALAYA



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	Existing Manhole	TKS-1	Existing TNB Pole NO.	
48C FOC	Closure	Suspension Big	Existing TNB Pole	Existing TNB Pole	C01	Closure NO.	P001	New Pole NO.
96C FOC	New Manhole (PIT)	Suspension Small	LOOP	LOOP	FDP1	FDP NO.	(A)	SEE A-A in this page (A)
144C FOC	Installed Pole (7.5M)	FDC	FDP Boundary	FDC	FDC	FDC NO.	(A)	SEE SHEET XXXX (A)

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 (SJKT LADANG MALAYA)TO PREMISES PASS AREA	DRAWING TITLE: D-SIDE - SJKT LADANG MALAYA	Design By : ENGINEER Date : DATE Drawn By : CAD ENGINEER Scale : NTS Checked By : ENGINEER Job Number : JOB/NUMBER	DRAWING NUMBER : Sheet : 1/1	THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF ALLO TECHNOLOGY SDN BHD Size : A3
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