



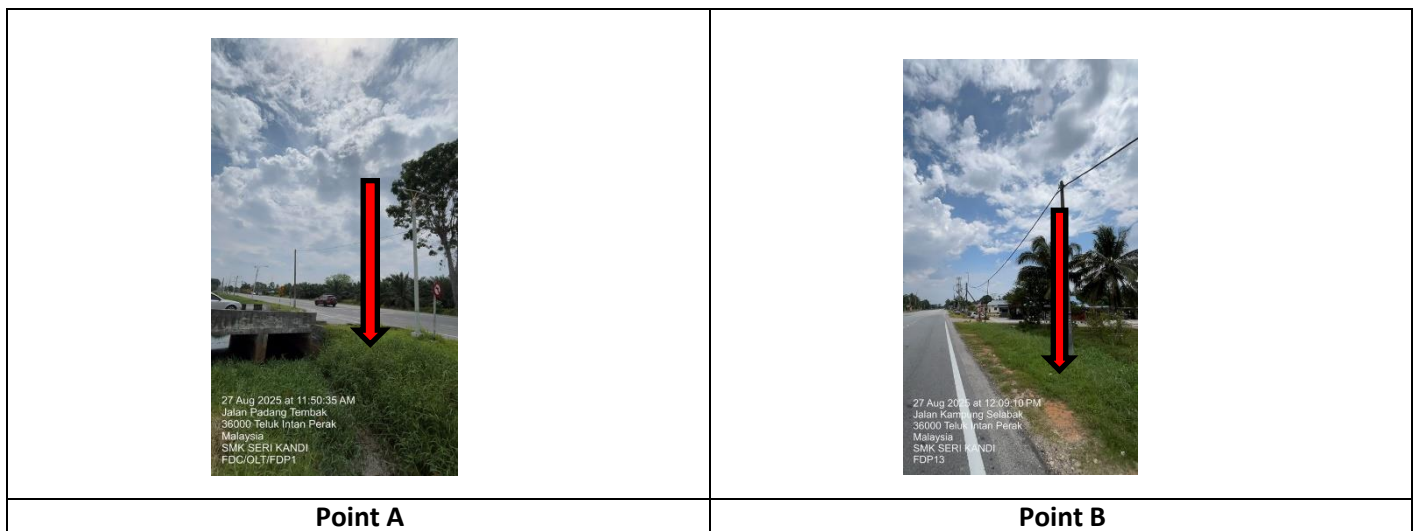
PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)  
 FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN  
 SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI  
 SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA  
 (KKMM.400-11/17/132(1))



# TECHNICAL PROPOSAL

## (POP2 AEA5080 SEKOLAH MENENGAH KEBANGSAAN SERI KANDI (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 : HILIR PERAK  
 Address : SMK SERI KANDI  
 District : TELUK INTAN  
 Postcode : 36000  
 State : PERAK  
 GPS Coordinate : 3.993675, 101.043671  
 LRD : A

**End Point**

Site / Boundary Name : HILIR PERAK  
 Address : JALAN KG SELABAK  
 District : TELUK INTAN  
 Postcode : 36000  
 State : PERAK  
 GPS Coordinate : 3.984493,101. 046769  
 LRD : B



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))



## 1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	817
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	0
4	Micro Trenching (MT)	m	0
Total			817

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	1824
2	Install New Pole	ea	34
3	Install New JRC7 Manhole	ea	10
4	Install GI Riser 100mm	m	60
5	Install Fiber Distribution Point	ea	13
6	Install Closure	ea	3
7	Estimated Time Required for Completion	days	21

## 2.0 LOCAL AUTHORITY SUMMARY

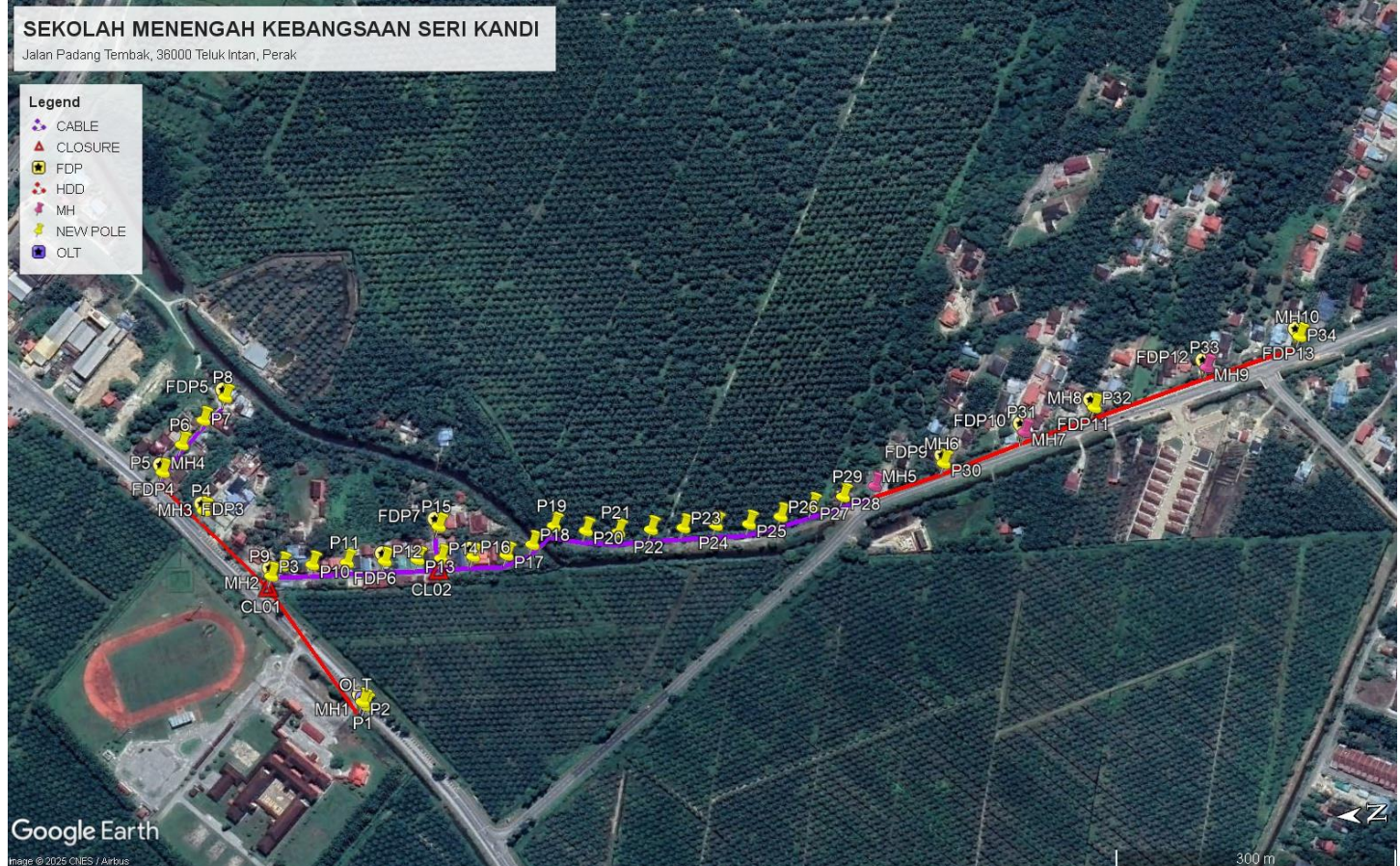
Daerah HILIR PERAK

Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	1	817m
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	11	-
		Majlis	23	1007m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				1824m

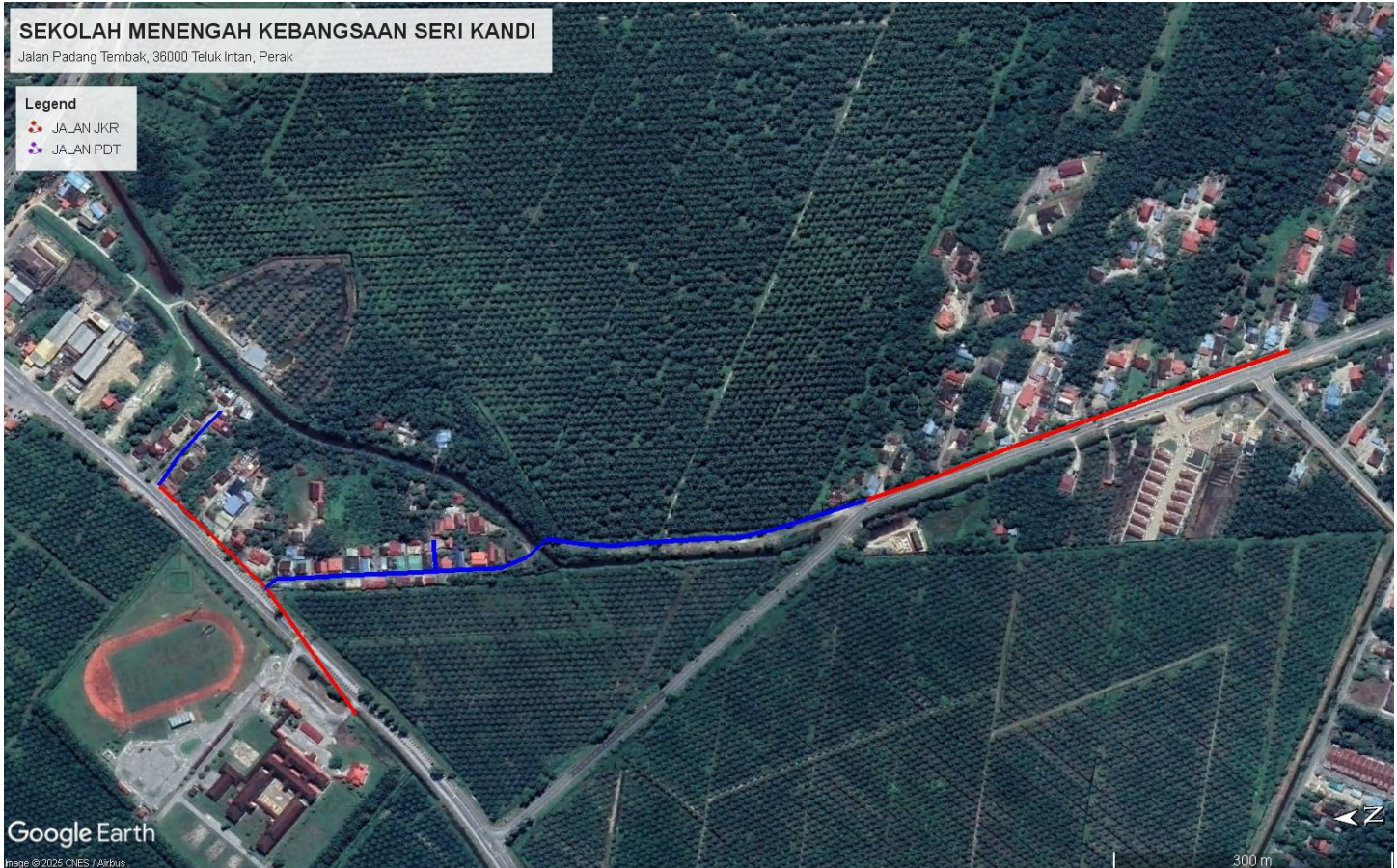
### 3.0 SITE PLAN (KMZ)

#### 3.1 Overview Site Area

5.017300



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



**Red Colour – JKR Road**

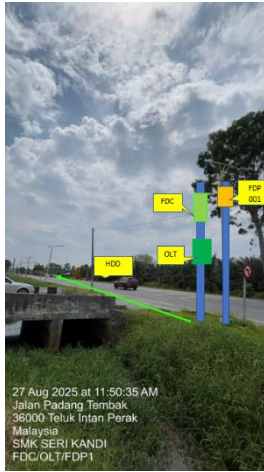
**Blue Colour - Majlis Road**

#### 4.0 PROPOSED NEW POLE FDP

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	0	3.993682	101.043673	JKR Road
2	T002	35	3.993706	101.043708	JKR Road
3	T003	35	3.994523	101.044972	JKR Road
4	T004	35	3.995141	101.045638	JKR Road
5	T005	35	3.995517	101.046030	JKR Road
6	T006	35	3.995318	101.046287	Majlis Road
7	T007	35	3.995098	101.046513	Majlis Road
8	T008	35	3.994875	101.046724	Majlis Road
9	T009	35	3.994415	101.045067	Majlis Road
10	T010	35	3.994120	101.045061	Majlis Road
11	T011	35	3.993786	101.045064	Majlis Road
12	T012	35	3.993420	101.045060	Majlis Road
13	T013	35	3.993103	101.045057	Majlis Road
14	T014	35	3.992876	101.045058	Majlis Road
15	T015	35	3.992882	101.045367	Majlis Road
16	T016	35	3.992567	101.045058	Majlis Road
17	T017	35	3.992242	101.045055	Majlis Road
18	T018	35	3.991988	101.045145	Majlis Road
19	T019	35	3.991770	101.045314	Majlis Road
20	T020	35	3.991465	101.045251	Majlis Road
21	T021	35	3.991154	101.045218	Majlis Road
22	T022	35	3.990837	101.045229	Majlis Road
23	T023	35	3.990523	101.045230	Majlis Road
24	T024	35	3.990208	101.045236	Majlis Road
25	T025	35	3.989887	101.045232	Majlis Road
26	T026	35	3.989579	101.045288	Majlis Road
27	T027	35	3.989270	101.045370	Majlis Road
28	T028	35	3.988967	101.045449	Majlis Road
29	T029	35	3.988658	101.045535	JKR Road
30	T030	35	3.987979	101.045721	JKR Road
31	T031	35	3.987187	101.045982	JKR Road
32	T032	35	3.986498	101.046184	JKR Road
33	T033	35	3.985393	101.046513	JKR Road
34	T034	35	3.984482	101.046766	JKR Road

BIL	TYPE	7.5m	9m	TOTAL
1	No of Pole	33	1	34

**5.0 SITE PHOTOS - PROPOSED NEW POLE**









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))



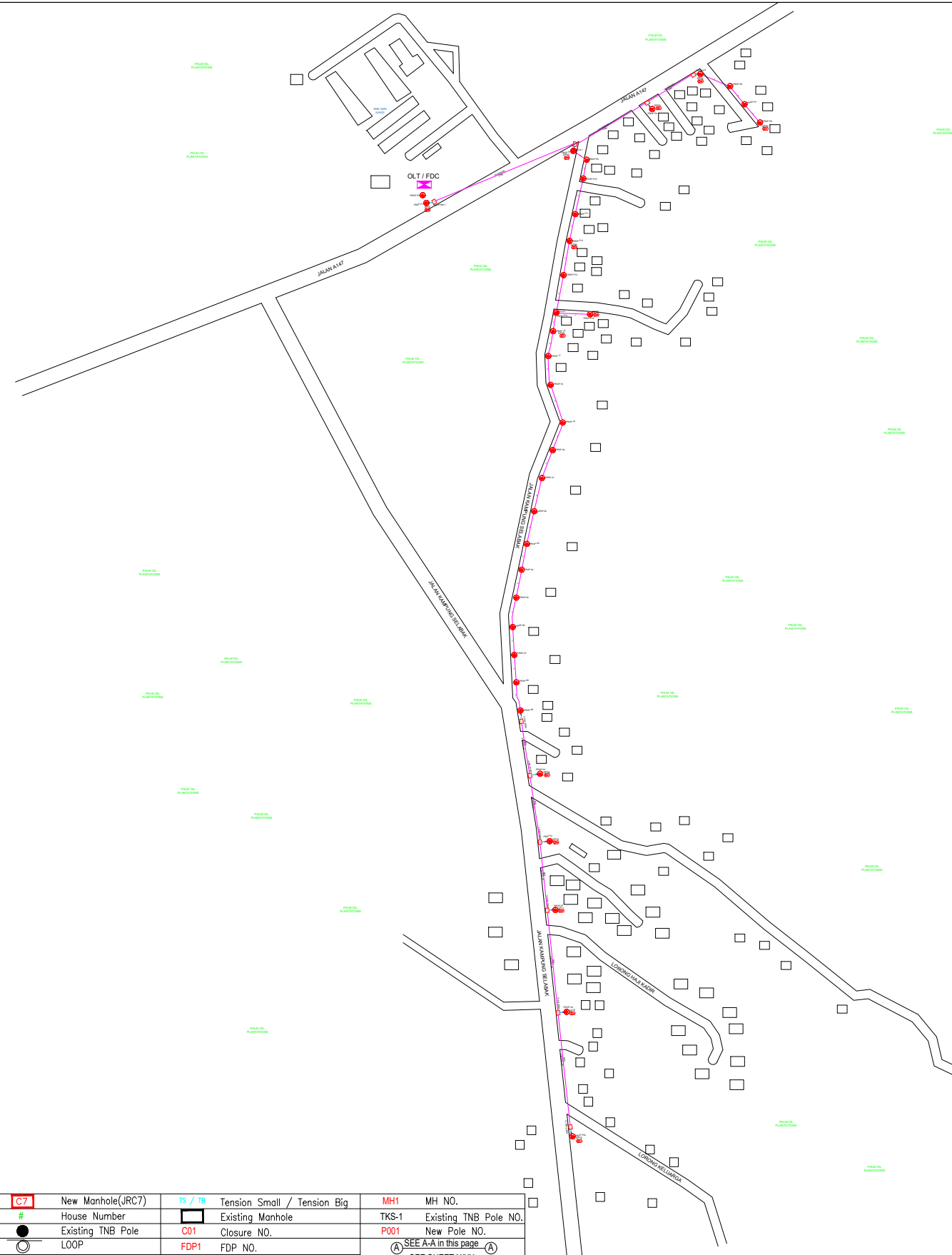


PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)  
FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN  
SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI  
SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA  
(KKMM.400-11/17/132(1))



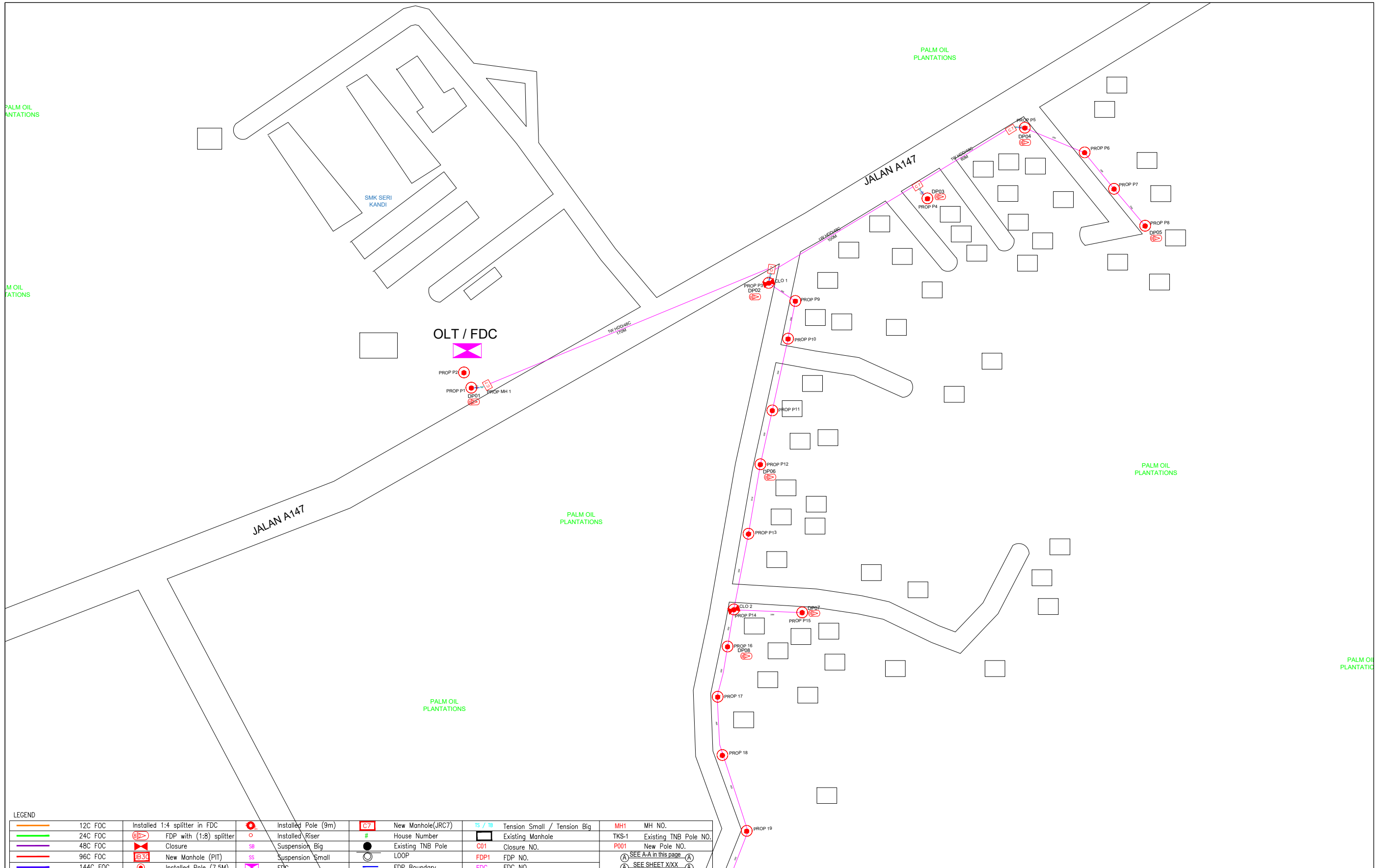
## 6.0 3<sup>rd</sup> PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Hilir Perak	1824m



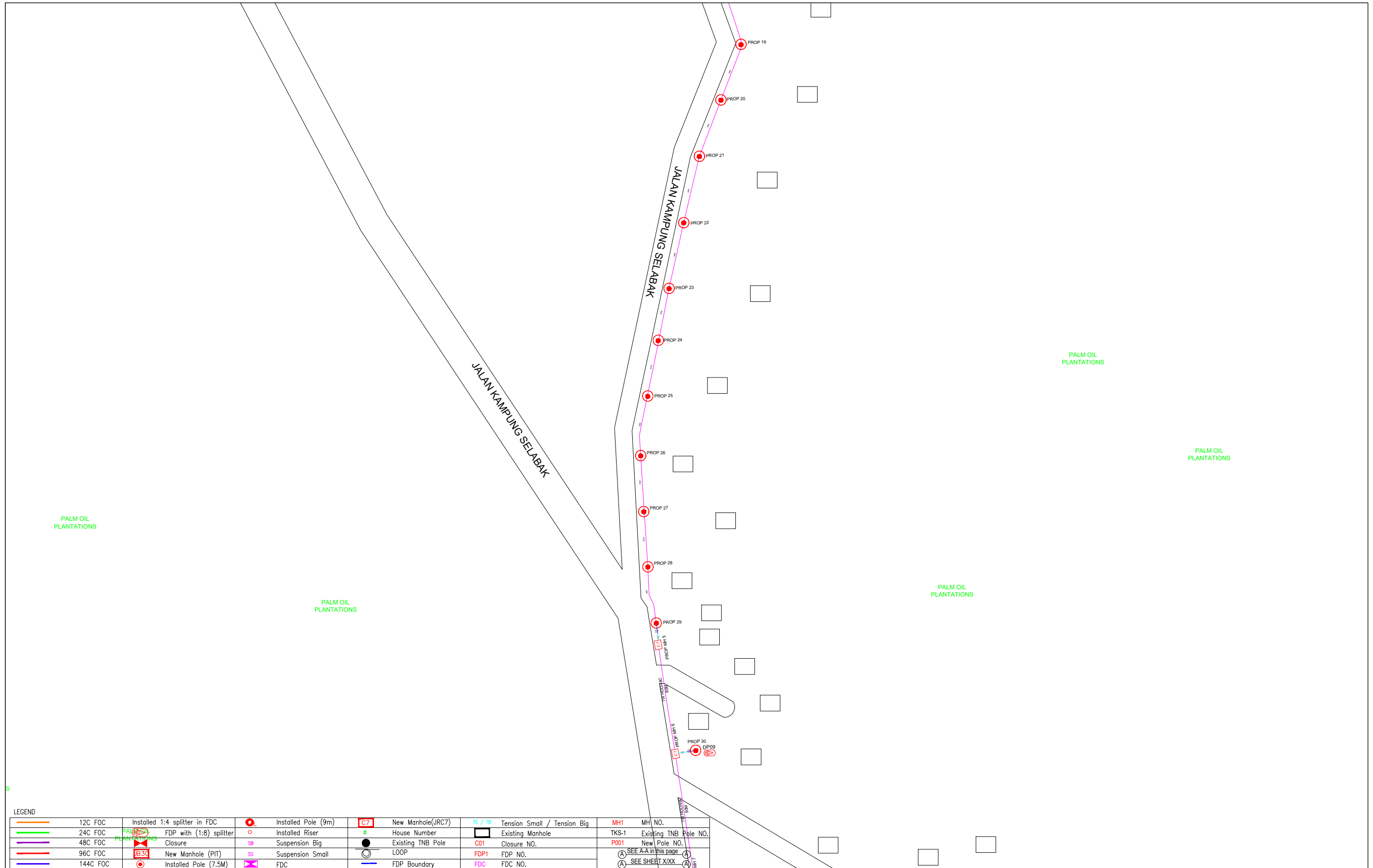
LEGEND					
	12C FOC		Installed 1:4 splitter in FDC		Installed Pole (9m)
	24C FOC		FDP with (1:8) splitter		Installed Riser
	48C FOC		Closure		Suspension Big
	96C FOC		New Manhole (PIT)		Suspension Small
	144C FOC		Installed Pole (7.5M)		FDC
	C7		New Manhole(JRC7)		Tension Small / Tension Big
	#		House Number		Closure NO.
			Existing TNB Pole		FDP NO.
			LOOP		FDC NO.
			FDP Boundary		MH NO.
					Existing TNB Pole NO.
					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 (SMK SERI KANDI) TO PREMISES PASS AREA	SMK SERI KANDI	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 1:4 splitter in FDC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big		MH NO.
	24C FOC	FDP with (1:8) splitter		Installed Riser		House Number		Existing TNB Pole		Existing TNB Pole NO.
	48C FOC	Closure		Suspension Big		Existing TNB Pole		Closure NO.		New Pole NO.
	96C FOC	New Manhole (PIT)		Suspension Small		LOOP		FDP NO.		SEE A-A in this page
	144C FOC	Installed Pole (7.5M)		FDC		FDP Boundary		FDC NO.		SEE SHEET XXX

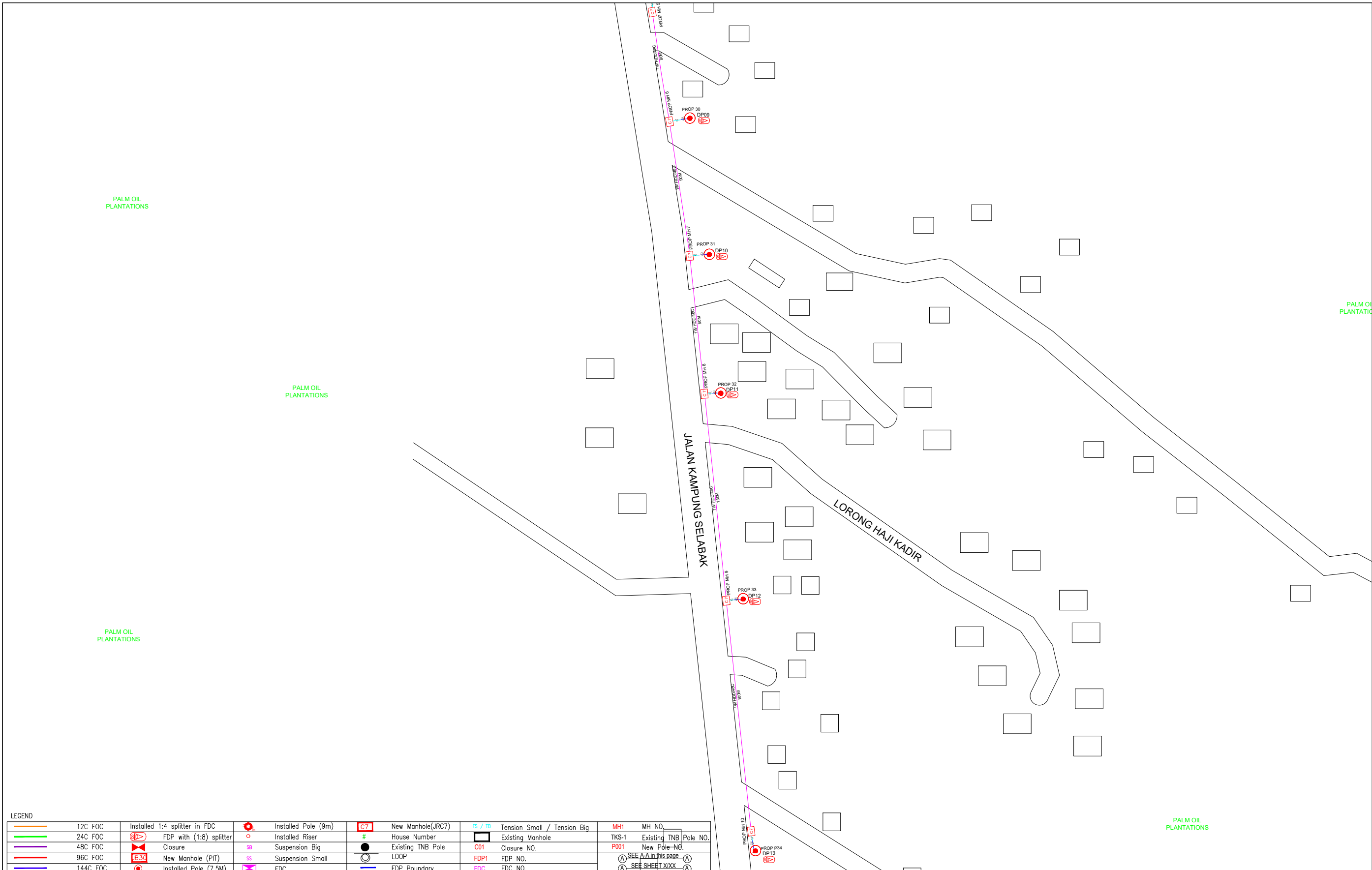
KEY PLAN :	PROJECT OWNER :	MAIN CONTRACTOR	SUB-CONTRACTOR :	PROJECT TITLE:	DRAWING TITLE:	Design By : ENGINEER	Date : DATE
							 <small>ARCHWAY MAPPING SERVICES SDN BHD</small> <small>No 48 Jalan TU 39A, Taman Task Utama,</small> <small>75450 Ayer Keroh, Melaka</small> <small>Tel: 606-233 9165 Fax: 606-233 9162</small> <small>Email : info@archwaymalaysia.com</small> <small>Website : www.archwaymalaysia.com</small>
					PROJECT PHASE:	DRAWING NUMBER :	
					PROJECT PHASE	DRAWING/NUMBER	
						THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF ALLO TECHNOLOGY SDN BHD	
						Size :	Sheet : 1/3
							A3



LEGEND

	12C FOC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big		MH1	MH NO.		
	24C FOC		Installed Riser		#	House Number		TKS-1	Existing TNB Pole NO.			
	48C FOC		FDP with (1:8) splitter		Existing TNB Pole			C01	Closure NO.		P001	New Pole NO.
	96C FOC		Closure		LOOP			FDP1	FDP NO.			
	144C FOC		New Manhole (PTI)		Suspension Small			FDC	FDC NO.			
			Installed Pole (7.5M)		FDC							

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 (SMK SERI KANDI) TO PREMISES PASS AREA	SMK SERI KANDI	Drawn By : CAD ENGINEER	Scale : NTS
						Checked By : ENGINEER	Job Number : JOB/NUMBER
			No 48 Jalan TU 39A, Taman Task 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:	THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF ALLO TECHNOLOGY SDN BHD	
					PROJECT PHASE	Sheet : 2/3 Size : A3	



LEGEND					
	12C FOC		Installed Pole (9m)		TS / TB Tension Small / Tension Big
	24C FOC		Installed Riser	# House Number	TKS-1 Existing TNB Pole NO.
	48C FOC		Suspension Big	Existing TNB Pole	P001 New Pole NO.
	96C FOC		Suspension Small	LOOP	FDP1 FDP NO.
	144C FOC		FDC	FDP Boundary	FDC FDC NO.


KEY PLAN :

PROJECT OWNER :

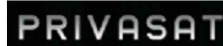


KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR



ARCHWAY COMMUNICATIONS SDN BHD



SUB-CONTRACTOR :



ARCHWAY MAPPING SERVICES SDN BHD

No 48 Jalan TU 39A, Taman Tajik 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 (SMK SERI KANDI) TO PREMISES PASS AREA

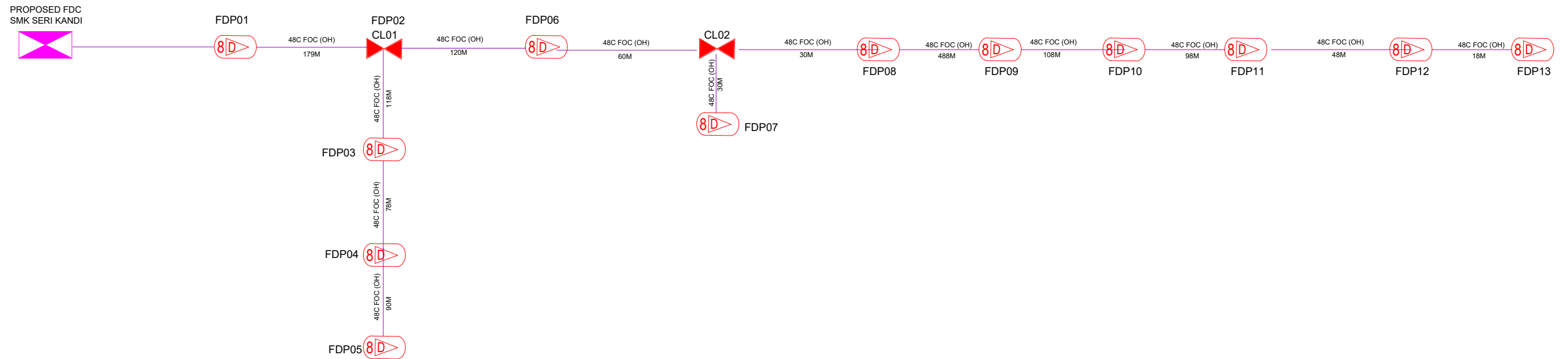
DRAWING TITLE:

SMK SERI KANDI

PROJECT PHASE:

PROJECT PHASE

Design By : ENGINEER	Date : DATE
Drawn By : CAD ENGINEER	Scale : NTS
Checked By : ENGINEER	Job Number : JOB/NUMBER
DRAWING NUMBER :	
DRAWING/NUMBER	
THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF ALLO TECHNOLOGY SDN BHD	
Sheet :	Size :
3/3	A3



LEGEND

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

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 (SMK SERI KANDI) TO PREMISES PASS AREA	DRAWING TITLE: D-SIDE - SMK SERI KANDI	Design By : ENGINEER	Date : DATE
					PROJECT PHASE: PROJECT PHASE	Drawn By : CAD ENGINEER	Scale : NTS
DRAWING NUMBER : DRAWING/NUMBER						Sheet : 1/1	
THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF ALLO TECHNOLOGY SDN BHD						Size : A3	