



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 ABBA009 SEKOLAH KEBANGSAAN DATO KAMARUDDIN (D-SIDE))

**Company Name** : Archway Mapping Services Sdn. Bhd.  
**Company Address** : No 48-1, Jalan TU39A, Ayer Keroh Melaka  
**Prepared By** : Muhammad Adham  
**Date** : 09/10/2025



**Point A**



**Point B**

### Starting Point

**Site / Boundary Name** : MUALLIM  
**Address** : SK DATO KAMARUDDIN  
**District** : BEHRANG  
**Postcode** : 35950  
**State** : PERAK  
**GPS Coordinate** : 3.747240, 101.452730  
**LRD** : A

### End Point

**Site / Boundary Name** : MUALLIM  
**Address** : JALAN SRI BEHRANG  
**District** : BEHRANG  
**Postcode** : 35950  
**State** : PERAK  
**GPS Coordinate** : 3.744486, 101.453189  
**LRD** : B



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## 1.0 WORK SUMMARY

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

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	1394
2	Install New Pole	ea	35
3	Install New JRC7 Manhole	ea	0
4	Install GI Riser 100mm	m	0
5	Install Fiber Distribution Point	ea	13
6	Install Closure	ea	5
7	Estimated Time Required for Completion	days	21

## 2.0 LOCAL AUTHORITY SUMMARY

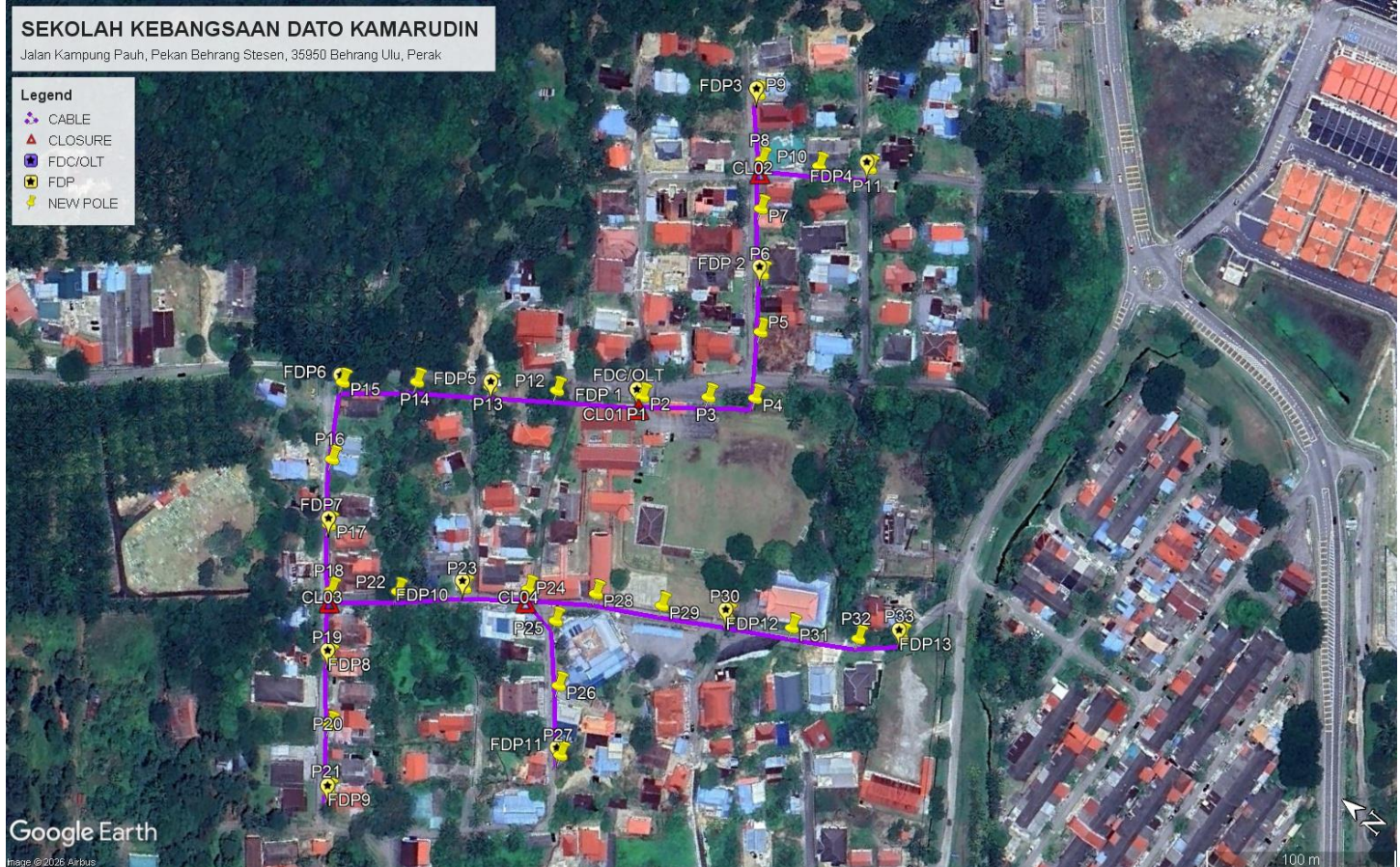
Daerah MUALLIM

Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	-	-
		Majlis	35	1394m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				1394m

### 3.0 SITE PLAN (KMZ)

#### 3.1 Overview Site Area

5.017300



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



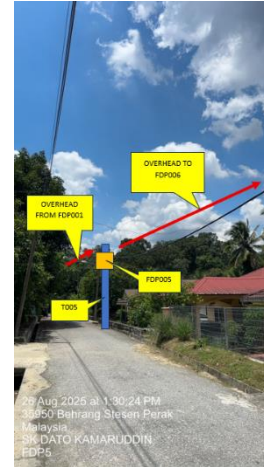
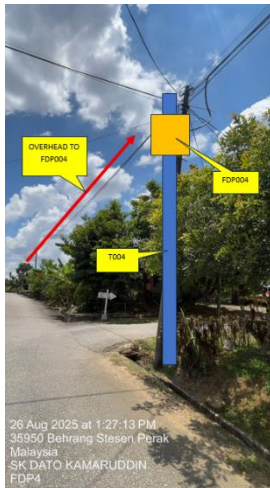
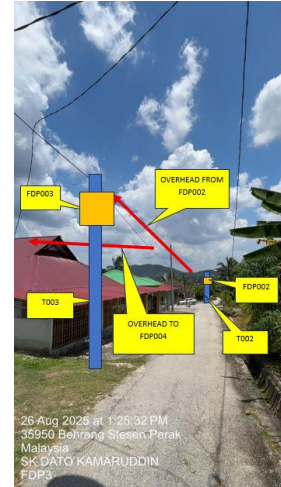
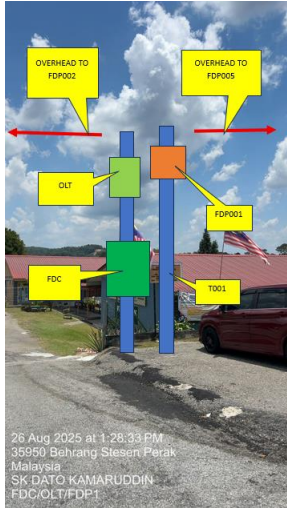
**Blue Colour – PDT/Majlis  
Road**

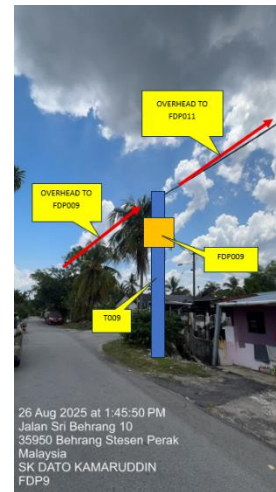
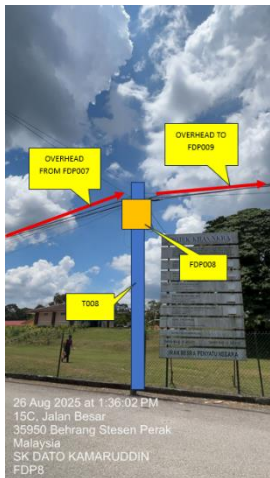
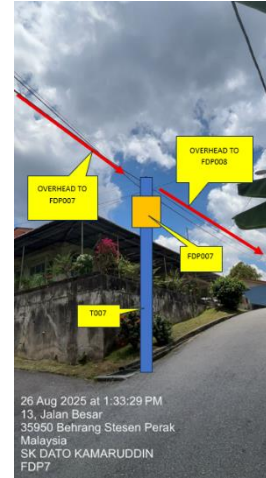
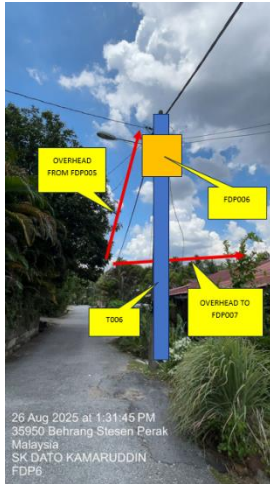
#### 4.0 PROPOSED NEW POLE FDP

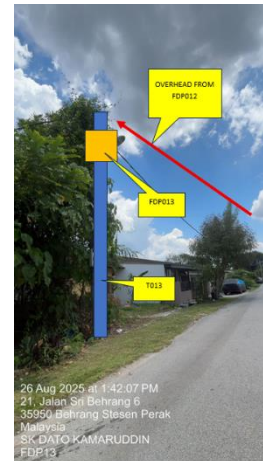
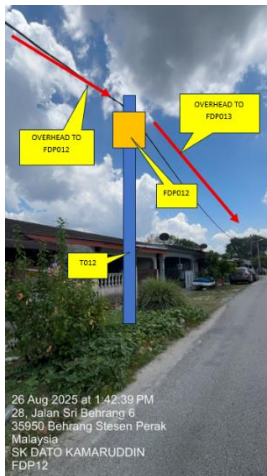
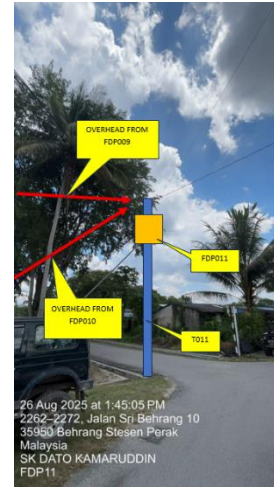
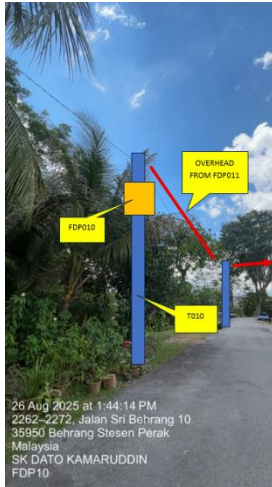
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	0	3.747240	101.452730	PDT Road
2	T002	35	3.747228	101.452739	PDT Road
3	T003	35	3.746983	101.452936	PDT Road
4	T004	35	3.746807	101.453072	PDT Road
5	T005	35	3.746986	101.453334	PDT Road
6	T006	35	3.747154	101.453554	PDT Road
7	T007	35	3.747355	101.453792	PDT Road
8	T008	35	3.747496	101.453974	PDT Road
9	T009	35	3.747708	101.454207	PDT Road
10	T010	35	3.747267	101.454125	PDT Road
11	T011	35	3.747073	101.454268	PDT Road
12	T012	35	3.747563	101.452505	PDT Road
13	T013	35	3.747821	101.452319	PDT Road
14	T014	35	3.748106	101.452116	PDT Road
15	T015	35	3.748380	101.451892	PDT Road
16	T016	35	3.748189	101.451573	PDT Road
17	T017	35	3.748003	101.451321	PDT Road
18	T018	35	3.747796	101.451083	PDT Road
19	T019	35	3.747604	101.450831	PDT Road
20	T020	35	3.747398	101.450581	PDT Road
21	T021	35	3.747203	101.450331	PDT Road
22	T022	35	3.747547	101.451281	PDT Road
23	T023	35	3.747312	101.451494	PDT Road
24	T024	35	3.747072	101.451683	PDT Road
25	T025	35	3.746876	101.451687	PDT Road
26	T026	35	3.746670	101.451416	PDT Road
27	T027	35	3.746456	101.451163	PDT Road
28	T028	35	3.746809	101.451689	PDT Road
29	T029	35	3.746529	101.452023	PDT Road
30	T030	35	3.746256	101.452180	PDT Road
31	T031	35	3.745982	101.452331	PDT Road
32	T032	35	3.745703	101.452491	PDT Road
33	T033	35	3.745551	101.452630	PDT Road

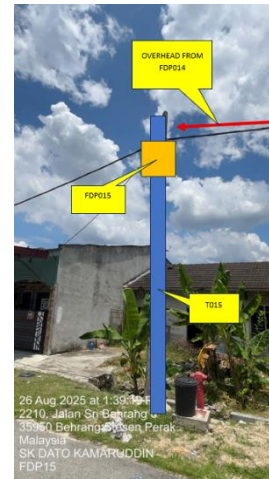
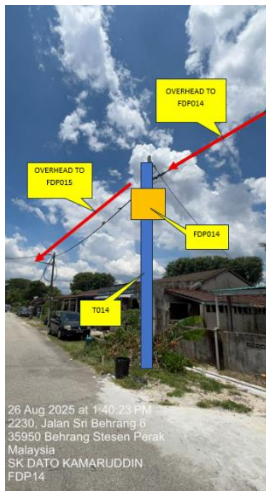
BIL	TYPE	7.5m	9m	TOTAL
1	No of Pole	33	1	34

5.0 SITE PHOTOS - PROPOSED NEW POLE











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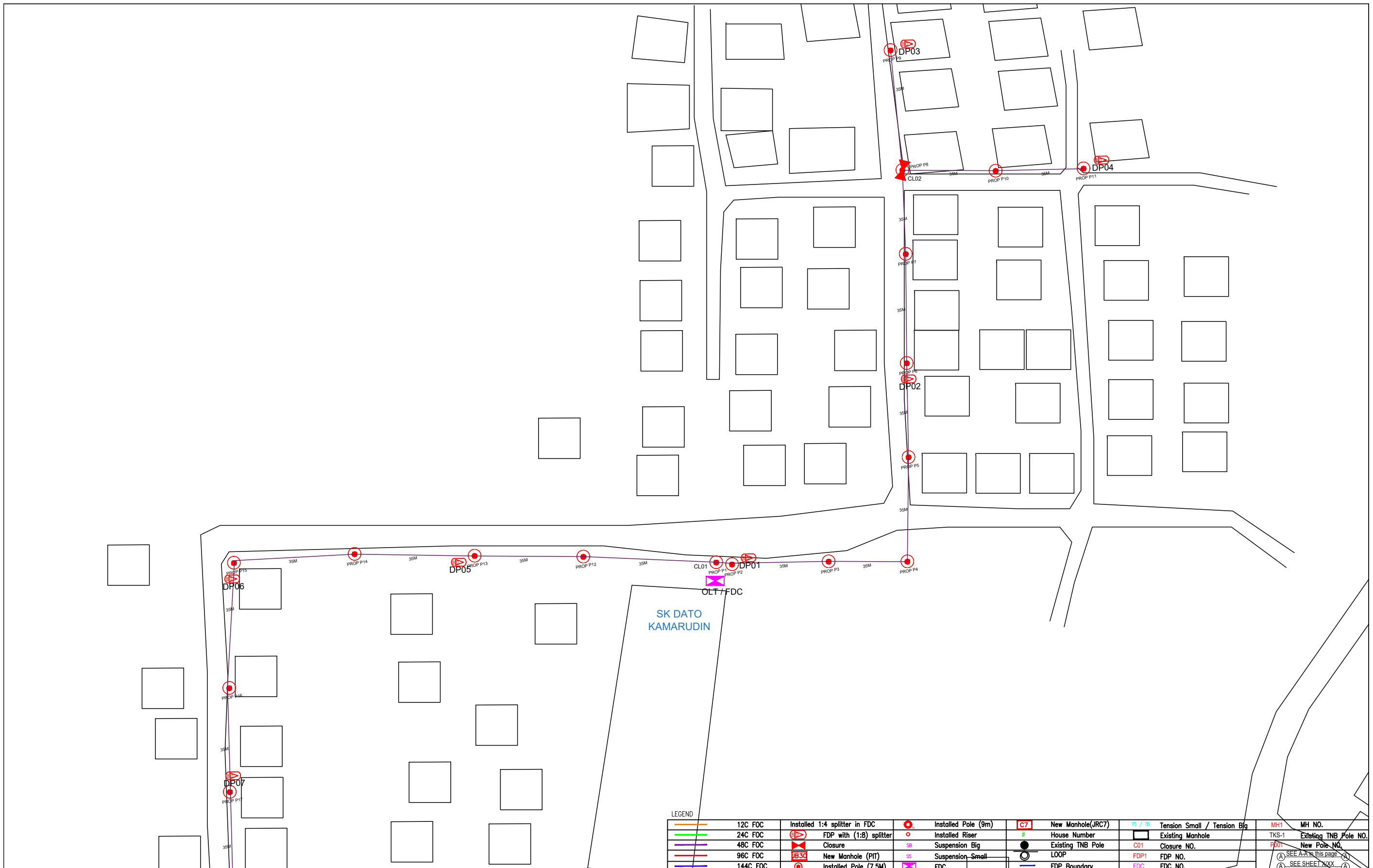
#### 6.0 3<sup>rd</sup> PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Muallim	1394m



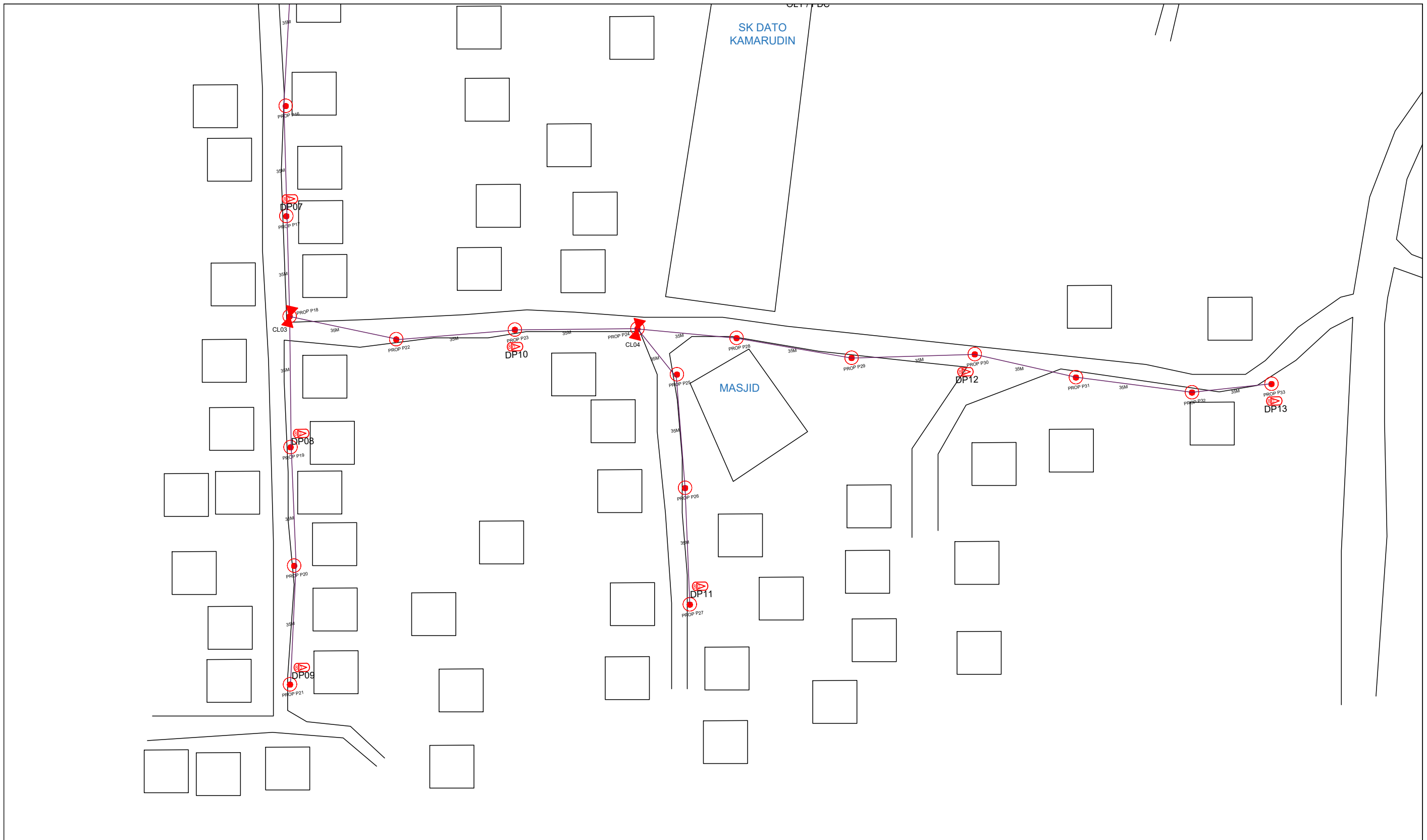
LEGEND	
	12C FOC
	24C FOC
	48C FOC
	96C FOC
	144C FOC
	Installed 1:4 splitter in FDC
	FDP with (1:8) splitter
	Closure
	New Manhole (PIT)
	Installed Pole (7.5M)
	Installed Pole (9m)
	Installed Riser
	Suspension Big
	Suspension Small
	FDC
	New Manhole(JRC7)
	House Number
	Existing TNB Pole
	LOOP
	FDP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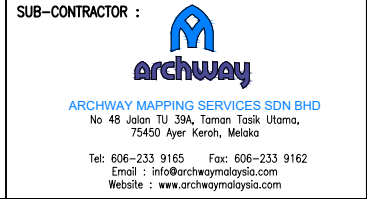
LEGEND	
	12C FOC
	24C FOC
	48C FOC
	96C FOC
	144C FOC
	Installed Pole (9m)
	Installed Pole (7.5M)
	Installed 1:4 splitter in FDC
	FDP with (1:8) splitter
	Closure
	New Manhole (PIT)
	Installed Pole (7.5M)
	Installed Pole (9m)
	Installed Riser
	Suspension Big
	Suspension-Small
	FDC
	New Manhole(JRC7)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

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LEGEND			
	12C FOC		Installed Pole (9m)
	24C FOC		Installed Pole (7.5M)
	48C FOC		Installed Pole (7.5M)
	96C FOC		Installed Pole (7.5M)
	144C FOC		Installed Pole (7.5M)
	Installed 1:4 splitter in FDC		Installed Pole (9m)
	FDP with (1:8) splitter		Installed Riser
	Closure		Suspension Big
	New Manhole (PIT)		Suspension Small
	Installed Pole (7.5M)		FDC
	Installed Pole (9m)		New Manhole(JRC7)
	Installed Riser		House Number
	Suspension Big		Existing TNB Pole
	Suspension Small		LOOP
	FDC		FDP Boundary
	TS / TB Tension Small / Tension Big		Existing Manhole
	C01 Closure NO.		FDP1 FDP NO.
	FDP1 FDP NO.		FDC FDC NO.
	MH1 MH NO.		TKS-1 Existing TNB Pole NO.
	P001 New Pole NO.		(A) SEE A-A in this page (A)
	(A) SEE SHEET XXX (A)		(A) SEE SHEET XXX (A)

KEY PLAN :



PROJECT TITLE:

PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK DATO KAMARUDIN) TO PREMISES PASS AREA

DRAWING TITLE:

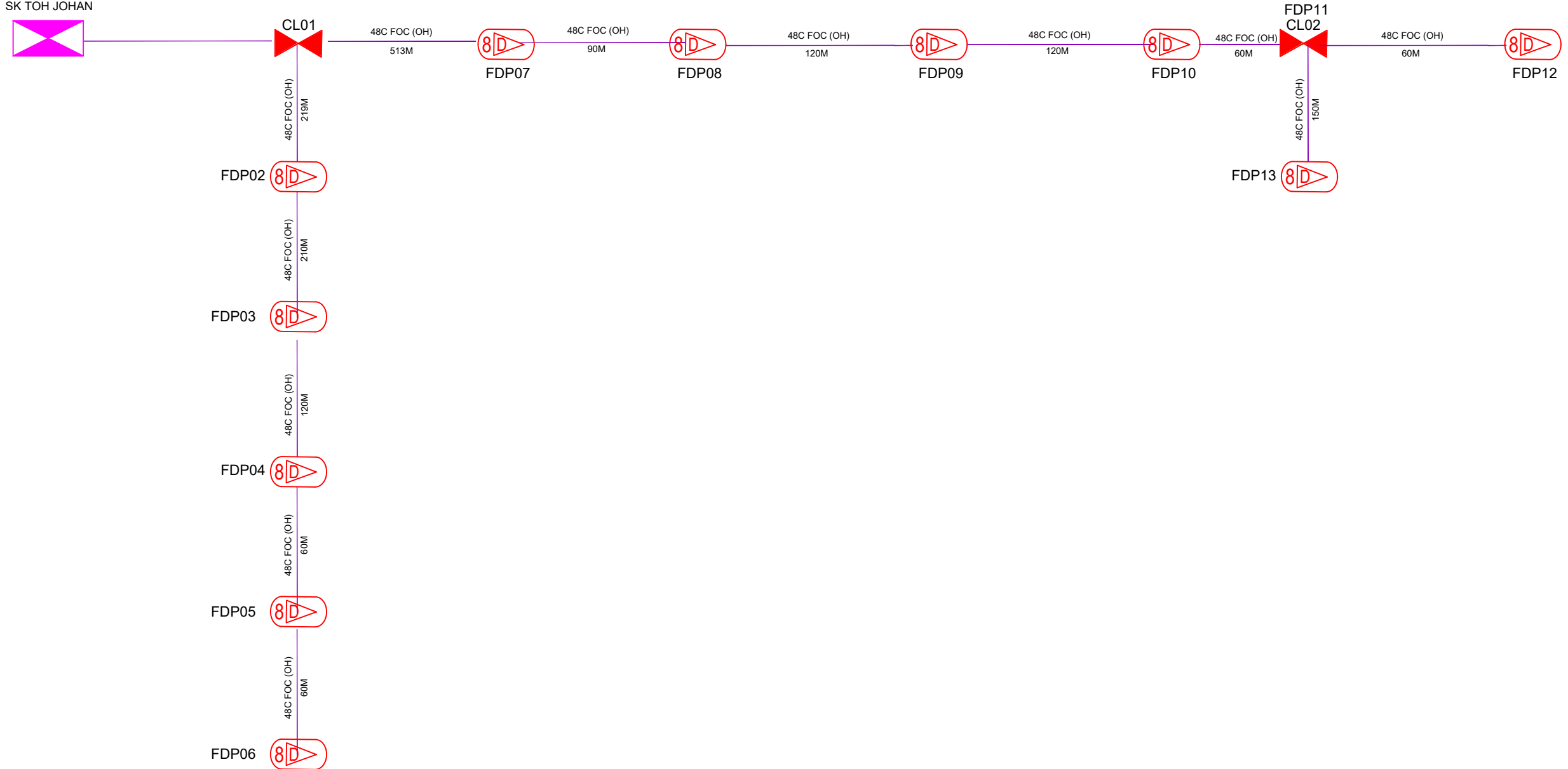
SK DATO KAMARUDIN

PROJECT PHASE:

PROJECT PHASE

Design By : ENGINEER	Date : DATE
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PROPOSED FDC  
SK TOH JOHAN



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	C01	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	(A)
144C FOC	Installed Pole (7.5M)	FDC	FD	FDP Boundary	FDC	FDC NO.	(A) SEE SHEET XXX	(A)

KEY PLAN :	PROJECT OWNER : 	MAIN CONTRACTOR  PRIVASAT	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 TOH JOHAN) TO PREMISES PASS AREA	DRAWING TITLE: D-SIDE - SK TOH JOHAN	Design By : ENGINEER Date : DATE
				PROJECT PHASE: PROJECT PHASE	Checked By : ENGINEER Job Number : JOB/NUMBER	Scale : NTS
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