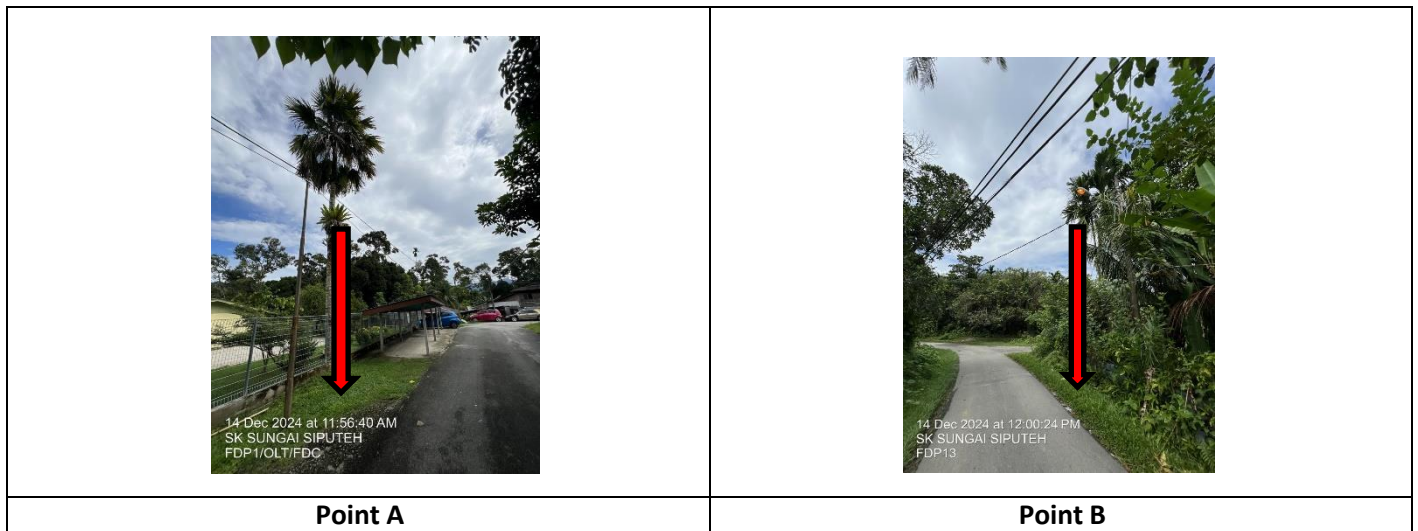


# TECHNICAL PROPOSAL

## (POP2 ABA6045 SEKOLAH KEBANGSAAN SUNGAI SIPUTEH (D-SIDE))

**Company Name** : Archway Mapping Services Sdn. Bhd.  
**Company Address** : No 48-1, Jalan TU39A, Ayer Keroh Melaka  
**Prepared By** : Muhammad Adham  
**Date** : 16/01/2025



### Starting Point

**Site / Boundary Name** : SUNGAI SIPUTEH  
**Address** : SK SUNGAI SIPUTEH  
**District** : SELAMA  
**Postcode** : 34140  
**State** : PERAK  
**GPS Coordinate** : 5.264460, 100.819159  
**LRD** : A

### End Point

**Site / Boundary Name** : SUNGAI SIPUTEH  
**Address** : KG TELUK MAS, PERAK  
**District** : SELAMA  
**Postcode** : 34140  
**State** : PERAK  
**GPS Coordinate** : 5.267087, 100.827119  
**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	238
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	12
4	Micro Trenching (MT)	m	0
Total			250

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	2397
2	Install New Pole	ea	56
3	Install New JRC7 Manhole	ea	4
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	21

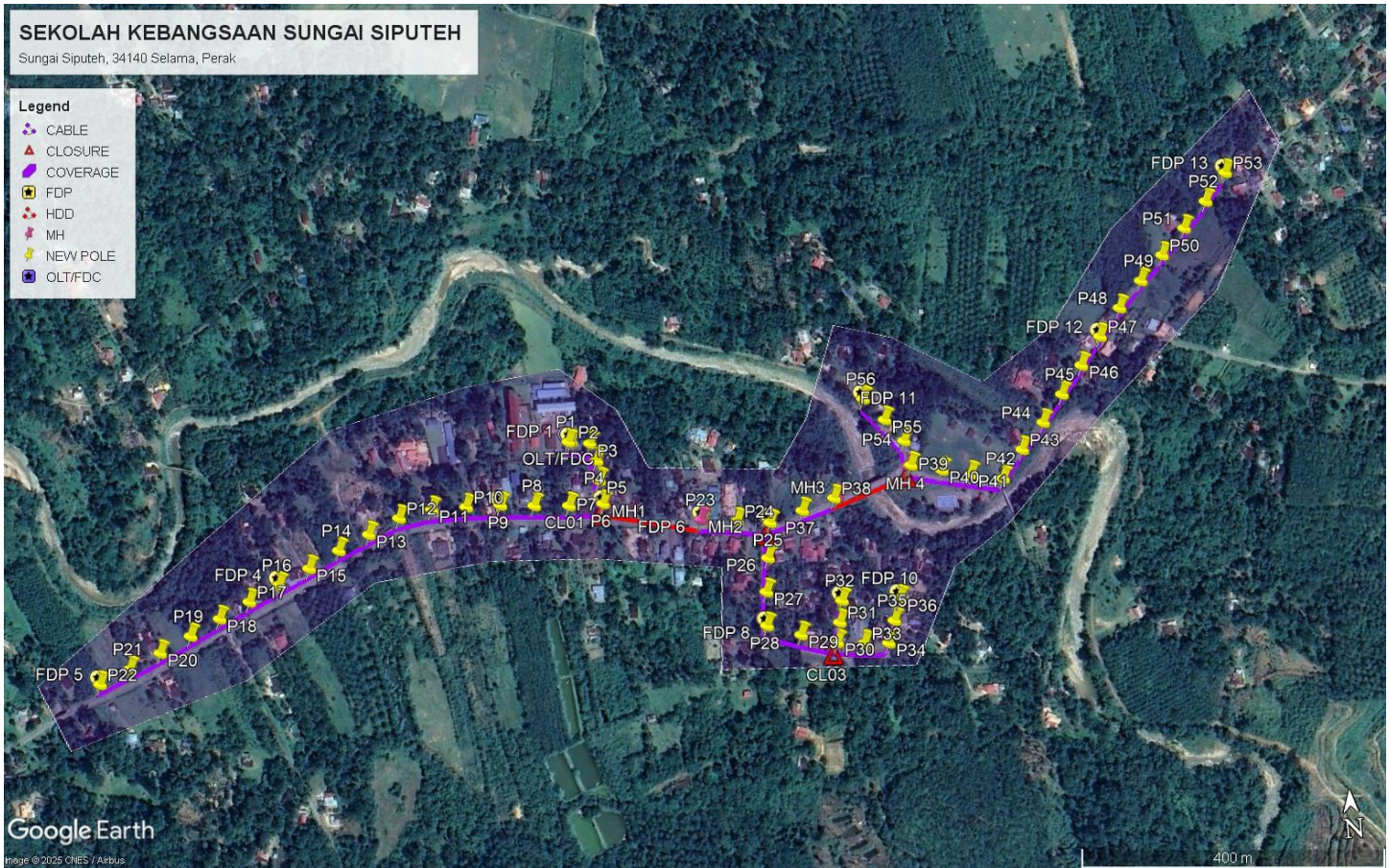
## 2.0 LOCAL AUTHORITY SUMMARY

Daerah Selama

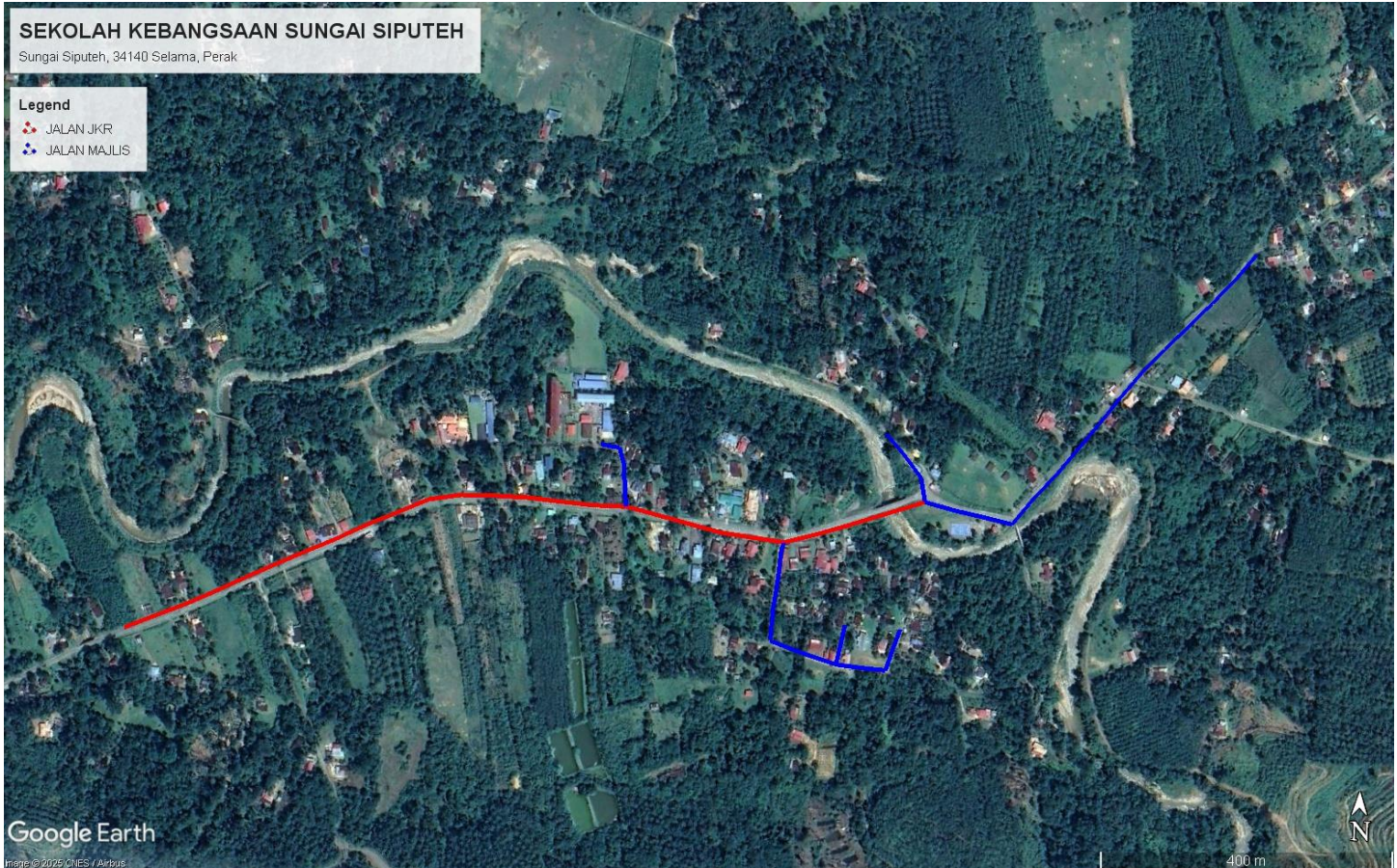
Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	2	250m
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	22	899m
		Majlis	34	1248m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				2397m

### 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	T001	0	5.264460	100.819159	Majlis Daerah Road
2	T002	45	5.264458	100.819187	Majlis Daerah Road
3	T003	45	5.264422	100.819413	Majlis Daerah Road
4	T004	45	5.264214	100.819475	Majlis Daerah Road
5	T005	45	5.263978	100.819488	Majlis Daerah Road
6	T006 (Pole 9M)	45	5.263701	100.819514	JKR Road
7	T007 (Pole 9M)	45	5.263708	100.819109	JKR Road
8	T008	45	5.263740	100.818697	JKR Road
9	T009	45	5.263777	100.818298	JKR Road
10	T010	45	5.263786	100.817891	JKR Road
11	T011	45	5.263787	100.817480	JKR Road
12	T012	45	5.263714	100.817087	JKR Road
13	T013	45	5.263549	100.816715	JKR Road
14	T014 (Pole 9M)	45	5.263387	100.816344	JKR Road
15	T015 (Pole 9M)	45	5.263203	100.815977	JKR Road
16	T016	45	5.263034	100.815605	JKR Road
17	T017	45	5.262864	100.815239	JKR Road
18	T018	45	5.262690	100.814872	JKR Road
19	T019	45	5.262512	100.814512	JKR Road
20	T020	45	5.262340	100.814138	JKR Road
21	T021	45	5.262179	100.813765	JKR Road
22	T022	45	5.262025	100.813398	JKR Road
23	T023	45	5.263422	100.820675	JKR Road
24	T024 (Pole 9M)	45	5.263374	100.821083	JKR Road
25	T025 (Pole 9M)	45	5.263327	100.821473	JKR Road
26	T026	45	5.262912	100.821416	Majlis Daerah Road
27	T027	45	5.262513	100.821367	Majlis Daerah Road
28	T028	45	5.262113	100.821342	Majlis Daerah Road
29	T029	45	5.261975	100.821737	Majlis Daerah Road
30	T030 (Pole 9M)	45	5.261852	100.822159	Majlis Daerah Road
31	T031	45	5.262087	100.822208	Majlis Daerah Road
32	T032	45	5.262342	100.822252	Majlis Daerah Road
33	T033 (Pole 9M)	45	5.261818	100.822477	Majlis Daerah Road
34	T034	45	5.261799	100.822768	Majlis Daerah Road
35	T035	45	5.262060	100.822854	Majlis Daerah Road
36	T036	45	5.262315	100.822938	Majlis Daerah Road
37	T037	45	5.263437	100.821866	JKR Road
38	T038	45	5.263558	100.822251	JKR Road



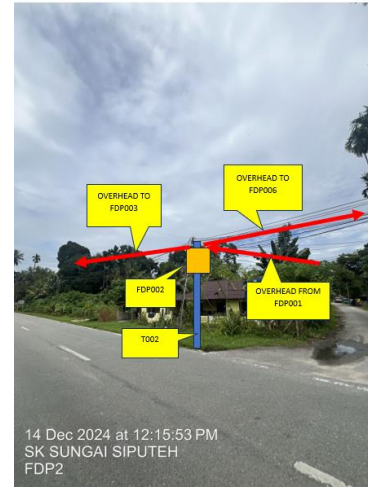
PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)  
 FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN  
 SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI  
 SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA  
 (KKMM.400-11/17/132(1))

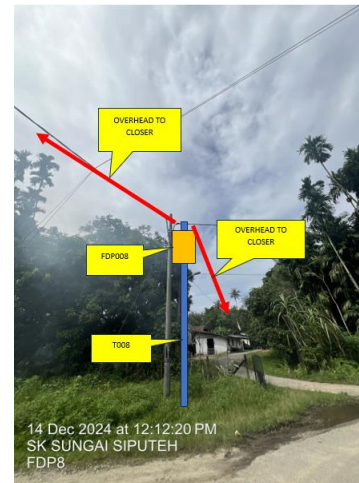
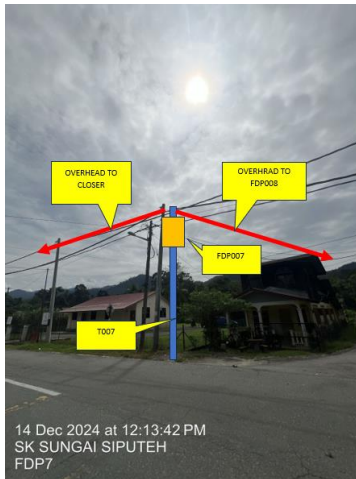
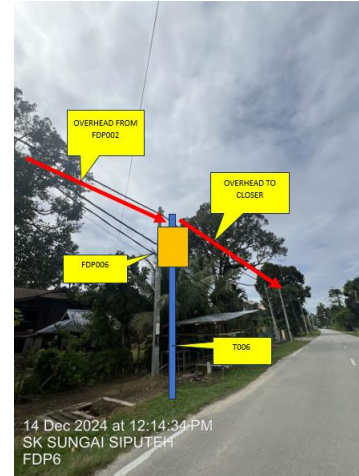
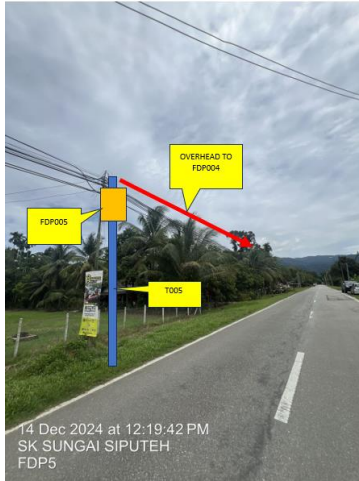


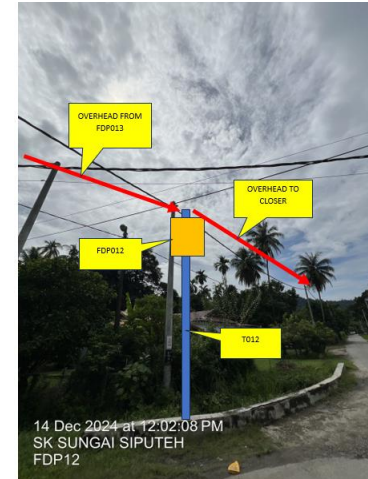
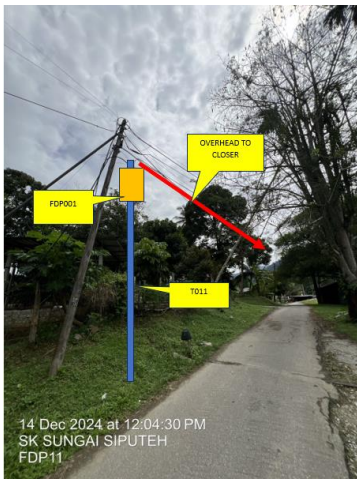
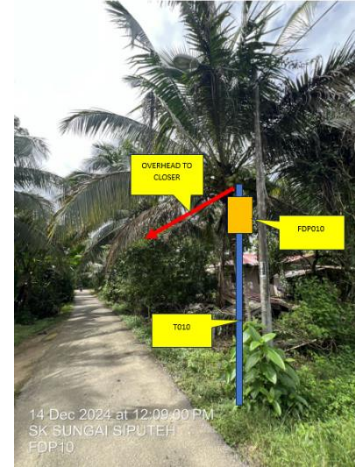
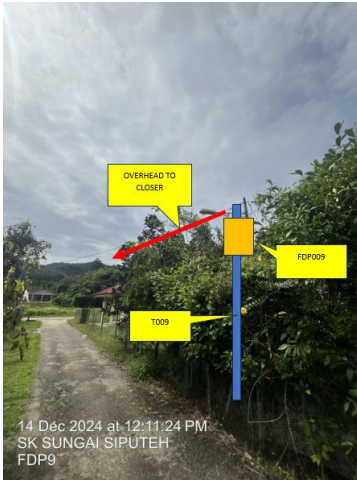
39	T039	45	5.263970	100.823349	Majlis Daerah Road
40	T040	45	5.263861	100.823604	Majlis Daerah Road
41	T041	45	5.263798	100.823916	Majlis Daerah Road
42	T042	45	5.263761	100.824260	Majlis Daerah Road
43	T043	45	5.264002	100.824474	Majlis Daerah Road
44	T044	45	5.264315	100.824717	Majlis Daerah Road
45	T045	45	5.264653	100.824956	Majlis Daerah Road
46	T046	45	5.264962	100.825187	Majlis Daerah Road
47	T047	45	5.265264	100.825486	Majlis Daerah Road
48	T048	45	5.265587	100.825757	Majlis Daerah Road
49	T049	45	5.265908	100.825996	Majlis Daerah Road
50	T050	45	5.266182	100.826302	Majlis Daerah Road
51	T051	45	5.266459	100.826586	Majlis Daerah Road
52	T052	45	5.266762	100.826871	Majlis Daerah Road
53	T053	45	5.267087	100.827119	Majlis Daerah Road
54	T054	45	5.264193	100.823227	Majlis Daerah Road
55	T055	45	5.264468	100.823001	Majlis Daerah Road
56	T056	45	5.264750	100.822767	Majlis Daerah Road

BIL	TYPE	7.5m	9m	TOTAL
1	No of Pole	48	8	56

5.0 SITE PHOTOS - PROPOSED NEW POLE

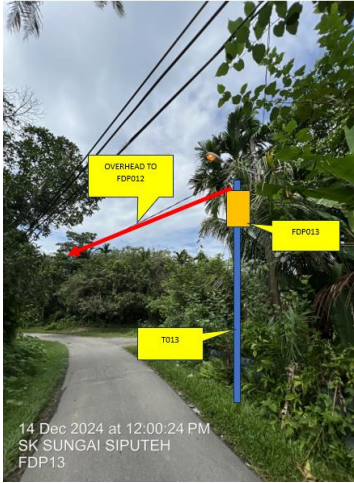








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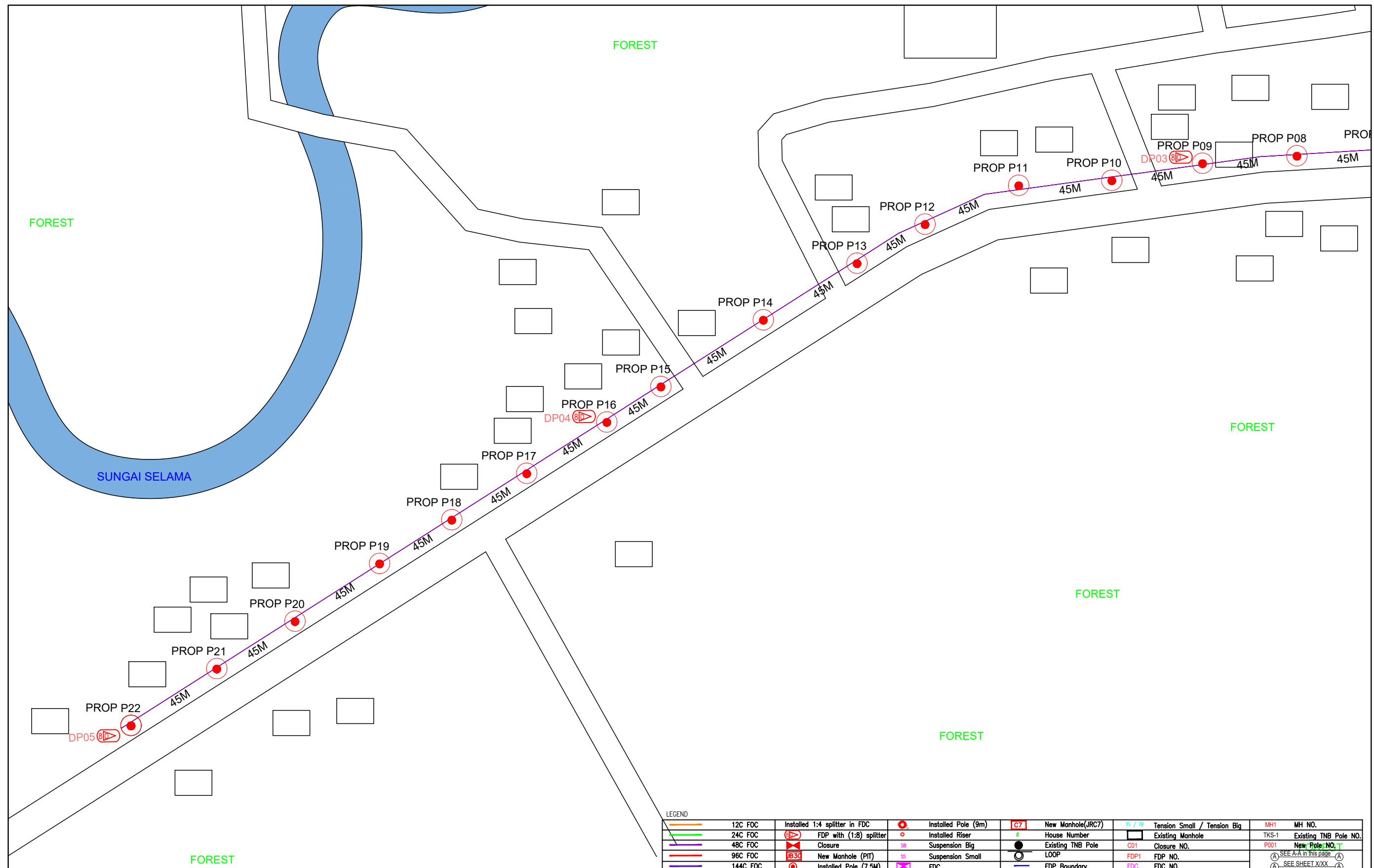
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#### 6.0 3<sup>rd</sup> PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Selama	2397m

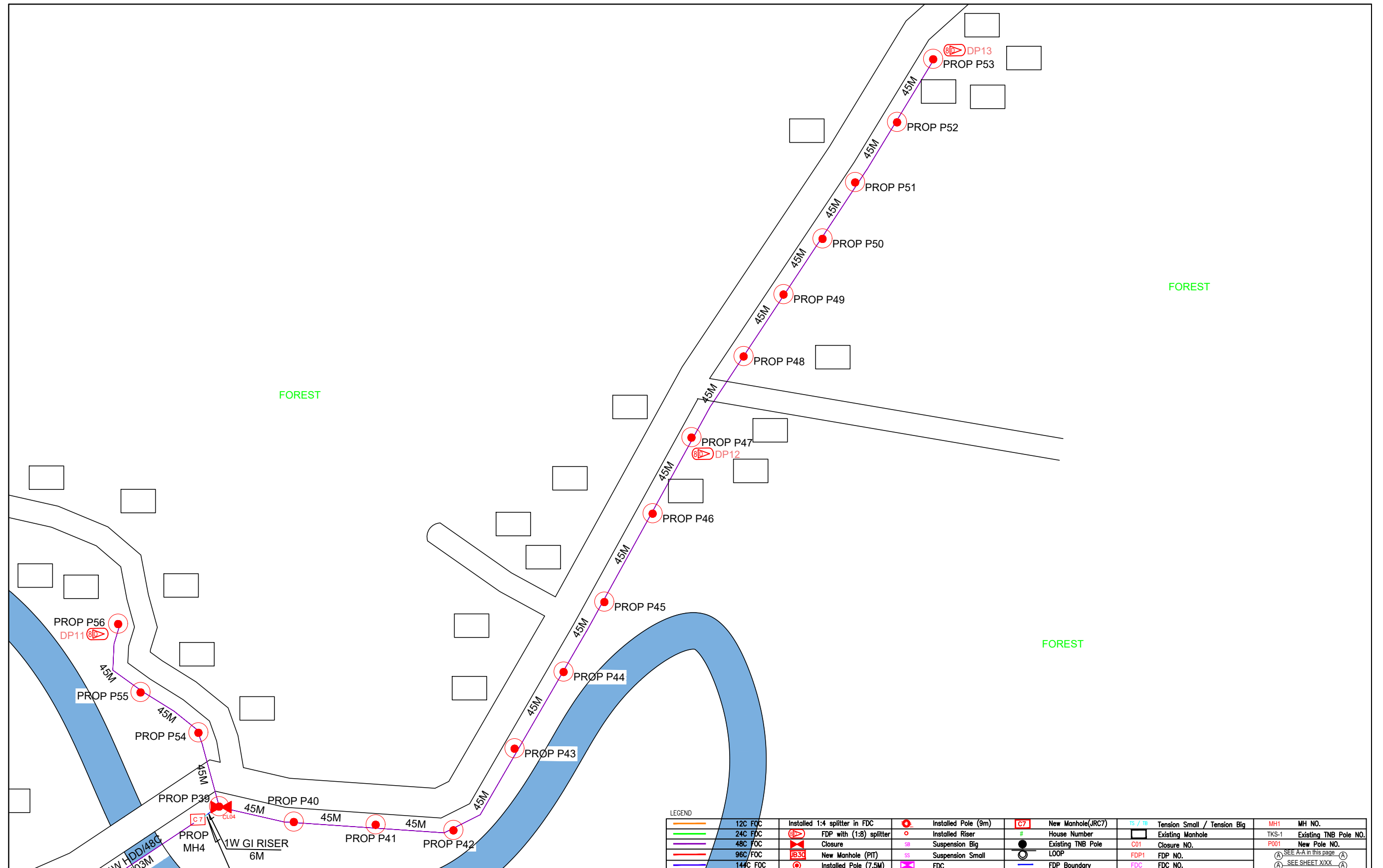




LEGEND	
	12C FOC
	24C FOC
	48C FOC
	96C FOC
	144C FOC
	Installed 1:4 splitter in FDC
	FDP with (1:8) splitter
	Closure
	New Manhole (PIT)
	Installed Pole (7.5M)
	Installed Pole (9m)
	Installed Riser
	Suspension Big
	Suspension Small
	FDC
	New Manhole(JRC7)
	House Number
	Existing TNB Pole
	LOOP
	FDP 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. T
	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
				PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK SUNGAI SIPUTEH) TO PREMISES PASS AREA	SK SUNGAI SIPUTEH	Drawn By : CAD ENGINEER	Scale : NTS
			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 : <span style="float: right;">Sheet : 1/3</span>	
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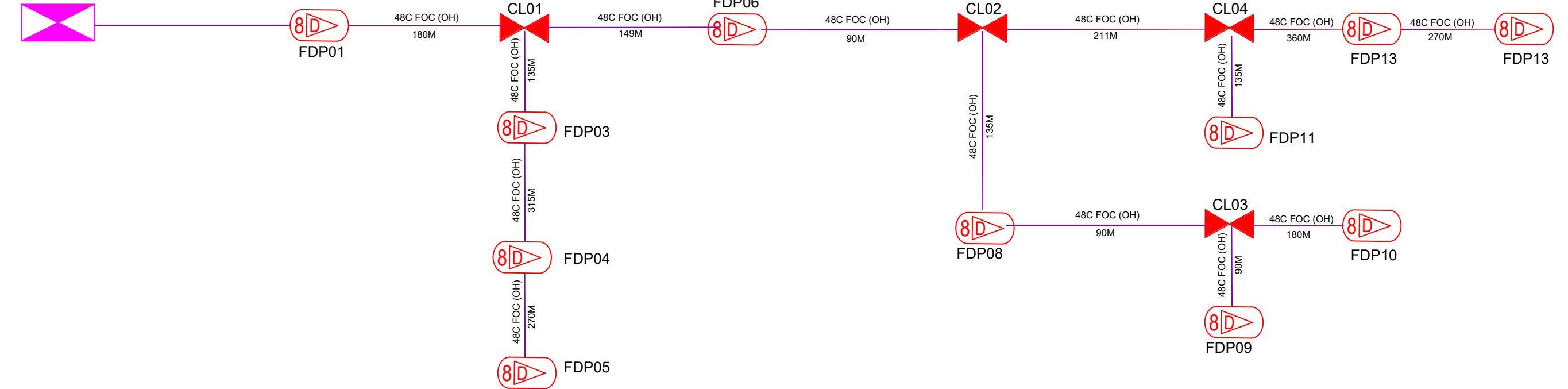




LEGEND	
	12C FDC
	24C FDC
	48C FDC
	96C FDC
	144C FDC
	Installed Pole (9m)
	Installed Riser
	Installed Pole (7.5M)
	Installed 1:4 splitter in FDC
	FDP with (1:8) splitter
	Closure
	New Manhole (PIT)
	Installed Pole (7.5M)
	Installed Pole (9m)
	Installed Riser
	Suspension Big
	Suspension Small
	FDC
	New Manhole(JRC7)
	House Number
	Existing TNB Pole
	LOOP
	FDP Boundary
	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.
	(A) SEE A-A in this page (A)
	(A) SEE SHEET XXXX (A)

KEY PLAN :	PROJECT OWNER : 	MAIN CONTRACTOR : 	SUB-CONTRACTOR : 	PROJECT TITLE: PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK SUNGAI SIPUTEH) TO PREMISES PASS AREA	DRAWING TITLE: SK SUNGAI SIPUTEH	Design By : ENGINEER Date : DATE
					PROJECT PHASE: PROJECT PHASE	Drawn By : CAD ENGINEER Scale : NTS
						Checked By : ENGINEER Job Number : JOB/NUMBER
						DRAWING NUMBER : DRAWING/NUMBER
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PROPOSED FDC  
SK SUNGAI SIPUTEH



LEGEND

12C FOC	Installed 1:4 splitter in FDC	Installed Pole (9m)	New Manhole(JRC7)	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	C01	Closure NO.	P001	New Pole NO.
96C FOC	New Manhole (PIT)	Suspension Small	LOOP	FDP1	FDP NO.	SEE A-A in this page	
144C FOC	Installed Pole (7.5M)	FDC	FDP Boundary	FDC	FDC NO.	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 (SK SUNGAI SIPUTEH) TO PREMISES PASS AREA	DRAWING TITLE: D-SIDE -SK SUNGAI SIPUTEH	Design By : ENGINEER	Date : DATE
					PROJECT PHASE: PROJECT PHASE	Drawn By : CAD ENGINEER	Scale : NTS
						Checked By : ENGINEER	Job Number : JOB/NUMBER
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