

TECHNICAL PROPOSAL (POP2 ABA6034 SEKOLAH KEBANGSAAN SUNGAI JERNIH (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 : BATU KURAU
Address : SK SUNGAI JERNIH
District : SELAMA
Postcode : 34510
State : PERAK
GPS Coordinate : 5.141721, 100.867066
LRD : A

End Point

Site / Boundary Name : BATU KURAU
Address : A6, BATU KURAU, PERAK
District : SELAMA
Postcode : 34510
State : PERAK
GPS Coordinate : 5.138472, 100.851857
LRD : B

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	3481
2	Install New Pole	ea	81
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	4
7	Estimated Time Required for Completion	days	21

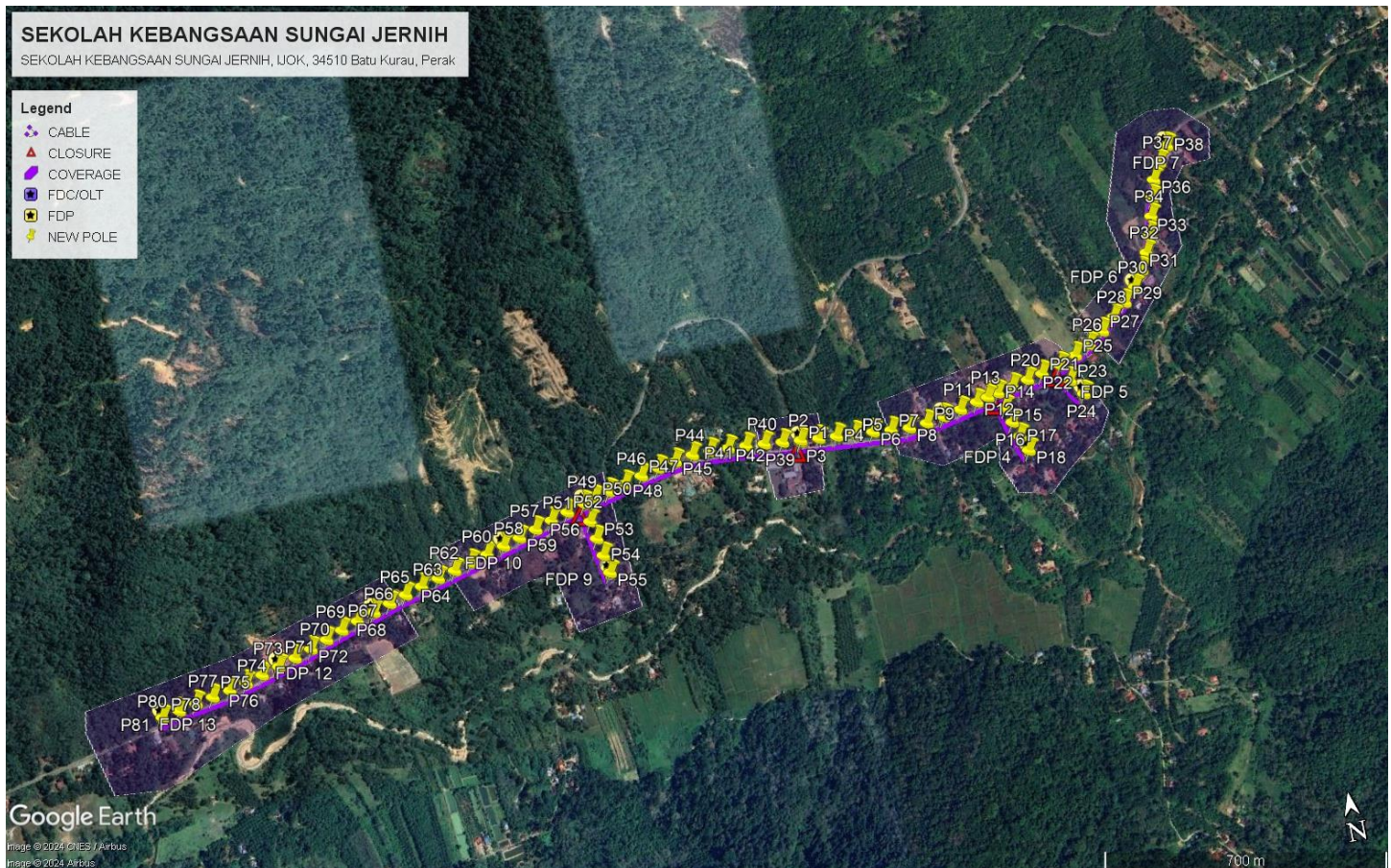
2.0 LOCAL AUTHORITY SUMMARY

Daerah Selama

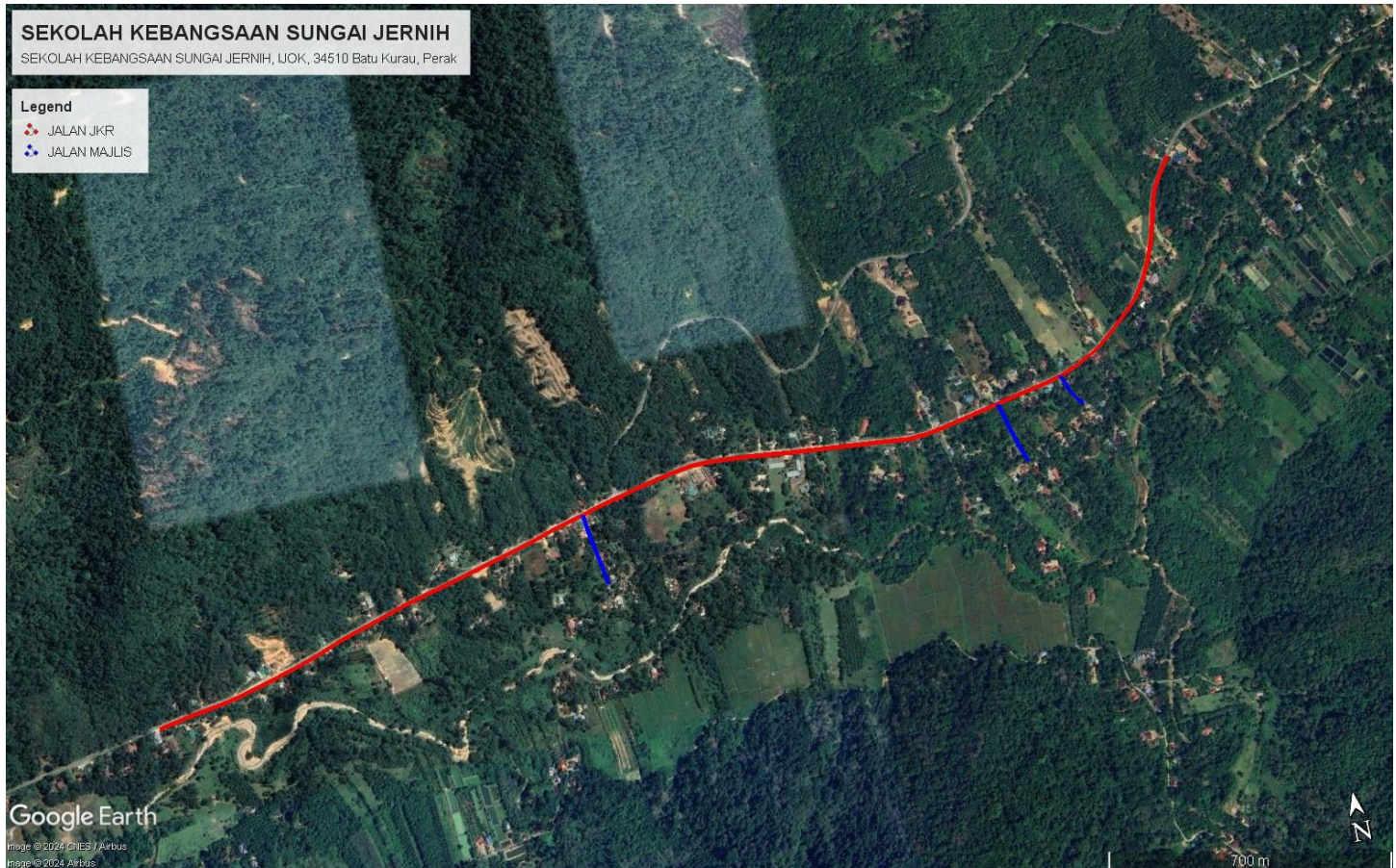
Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	71	3047m
		Majlis	10	434m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				3481m

3.0 SITE PLAN (KMZ)

3.1 Overview Site Area



3.2 Site Plan - KMZ Routing (All Local Authority)



Red Colour – JKR Road

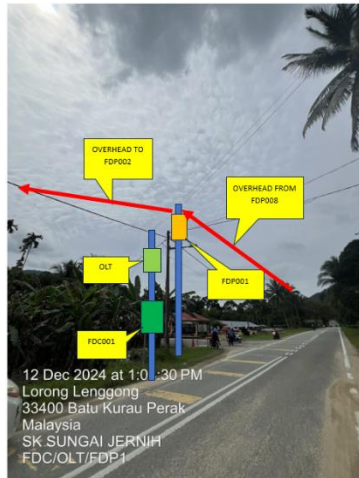
Blue Colour - Majlis Road

4.0 PROPOSED NEW POLE FDP

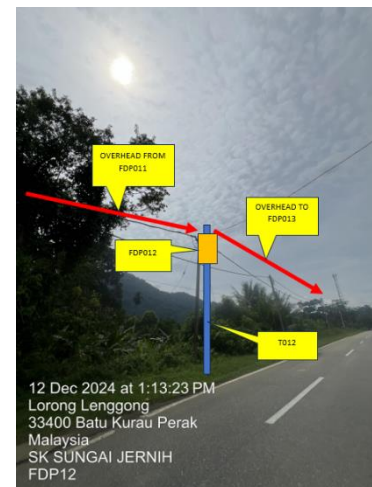
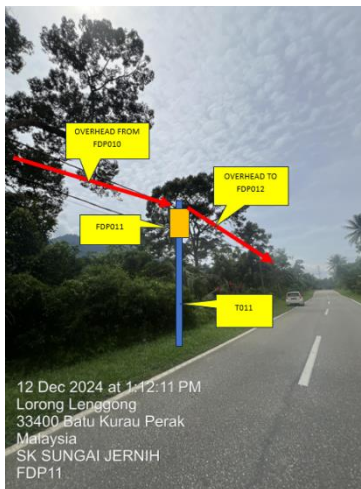
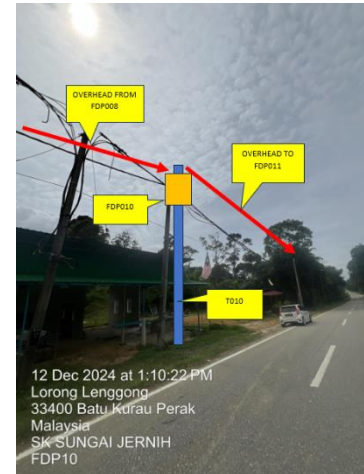
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	0	5.141721	100.867066	JKR Road
2	T002	45	5.141757	100.567066	JKR Road
3	T003	45	5.141721	100.867471	JKR Road
4	T004	45	5.141690	100.867872	JKR Road
5	T005	45	5.141658	100.868283	JKR Road
6	T006	45	5.141626	100.868691	JKR Road
7	T007	45	5.141589	100.869100	JKR Road
8	T008	45	5.141556	100.869508	JKR Road
9	T009	45	5.141586	100.569908	JKR Road
10	T010	45	5.141655	100.870305	JKR Road
11	T011	45	5.141738	100.870707	JKR Road
12	T012	45	5.141831	100.871099	JKR Road
13	T013	45	5.141886	100.871357	JKR Road
14	T014	45	5.141940	100.871595	JKR Road
15	T015	45	5.141584	100.871692	Majlis Daerah Road
16	T016	45	5.141237	100.871789	Majlis Daerah Road
17	T017	45	5.140893	100.871889	Majlis Daerah Road
18	T018	45	5.140552	100.872031	Majlis Daerah Road
19	T019	45	5.142020	100.871950	JKR Road
20	T020	45	5.142096	100.872309	JKR Road
21	T021	45	5.142166	100.872655	JKR Road
22	T022	45	5.142275	100.873083	JKR Road
23	T023	45	5.141898	100.873236	Majlis Daerah Road
24	T024	45	5.141549	100.873484	Majlis Daerah Road
25	T025	45	5.142425	100.873464	JKR Road
26	T026	45	5.142597	100.873817	JKR Road
27	T027	45	5.142835	100.874164	JKR Road
28	T028	45	5.143095	100.874473	JKR Road
29	T029	45	5.143363	100.874780	JKR Road
30	T030	45	5.143652	100.875067	JKR Road
31	T031	45	5.143999	100.875292	JKR Road
32	T032	45	5.144359	100.875471	JKR Road
33	T033	45	5.144738	100.875617	JKR Road
34	T034	45	5.145129	100.875735	JKR Road
35	T035	45	5.145527	100.875830	JKR Road
36	T036	45	5.145915	100.875948	JKR Road
37	T037	45	5.146270	100.876149	JKR Road
38	T038	45	5.146606	100.876378	JKR Road

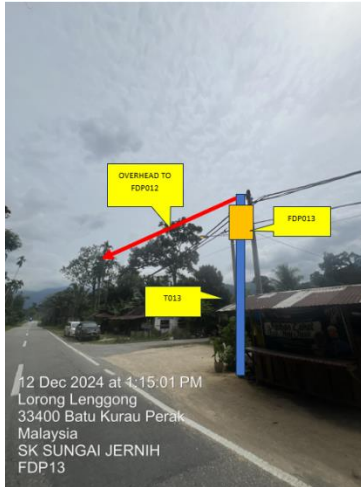
39	T039	45	5.141795	100.866659	JKR Road
40	T040	45	5.141837	100.866253	JKR Road
41	T041	45	5.141873	100.865843	JKR Road
42	T042	45	5.141901	100.865439	JKR Road
43	T043	45	5.141916	100.865029	JKR Road
44	T044	45	5.141909	100.864626	JKR Road
45	T045	45	5.141839	100.864218	JKR Road
46	T046	45	5.141767	100.863821	JKR Road
47	T047	45	5.141671	100.863416	JKR Road
48	T048	45	5.141572	100.863030	JKR Road
49	T049	45	5.141475	100.862637	JKR Road
50	T050	45	5.141387	100.862295	JKR Road
51	T051	45	5.141309	100.862043	JKR Road
52	T052	45	5.140897	100.862094	Majlis Daerah Road
53	T053	45	5.140496	100.862463	Majlis Daerah Road
54	T054	45	5.140100	100.862237	Majlis Daerah Road
55	T055	45	5.139698	100.862308	Majlis Daerah Road
56	T056	45	5.141201	100.861635	JKR Road
57	T057	45	5.141088	100.861250	JKR Road
58	T058	45	5.140961	100.860864	JKR Road
59	T059	45	5.140848	100.860472	JKR Road
60	T060	45	5.140739	100.860088	JKR Road
61	T061	45	5.140627	100.859691	JKR Road
62	T062	45	5.140523	100.859299	JKR Road
63	T063	45	5.140415	100.858908	JKR Road
64	T064	45	5.140313	100.858514	JKR Road
65	T065	45	5.140212	100.858115	JKR Road
66	T066	45	5.140096	100.857726	JKR Road
67	T067	45	5.139978	100.857339	JKR Road
68	T068	45	5.139852	100.856953	JKR Road
69	T069	45	5.139730	100.856557	JKR Road
70	T070	45	5.139601	100.856171	JKR Road
71	T071	45	5.139461	100.855799	JKR Road
72	T072	45	5.139324	100.855413	JKR Road
73	T073	45	5.139195	100.855026	JKR Road
74	T074	45	5.139078	100.854634	JKR Road
75	T075	45	5.138969	100.854230	JKR Road
76	T076	45	5.138860	100.853841	JKR Road
77	T077	45	5.138768	100.853453	JKR Road
78	T078	45	5.138700	100.853049	JKR Road
79	T079	45	5.138633	100.852652	JKR Road
80	T080	45	5.138546	100.852250	JKR Road
81	T081	45	5.138472	100.851857	JKR Road

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))	
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6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Selama	3481m



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		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 :

KEMENTERIAN KOMUNIKASI DAN DIGITAL

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:

PROPOSAL FOR FIBER INFRASTRUCTURE
AND OPTICAL FIBER CABLE
FROM POP (SK SUNGAI JERNIH)
TO PREMISES PASS AREA

DRAWING TITLE:

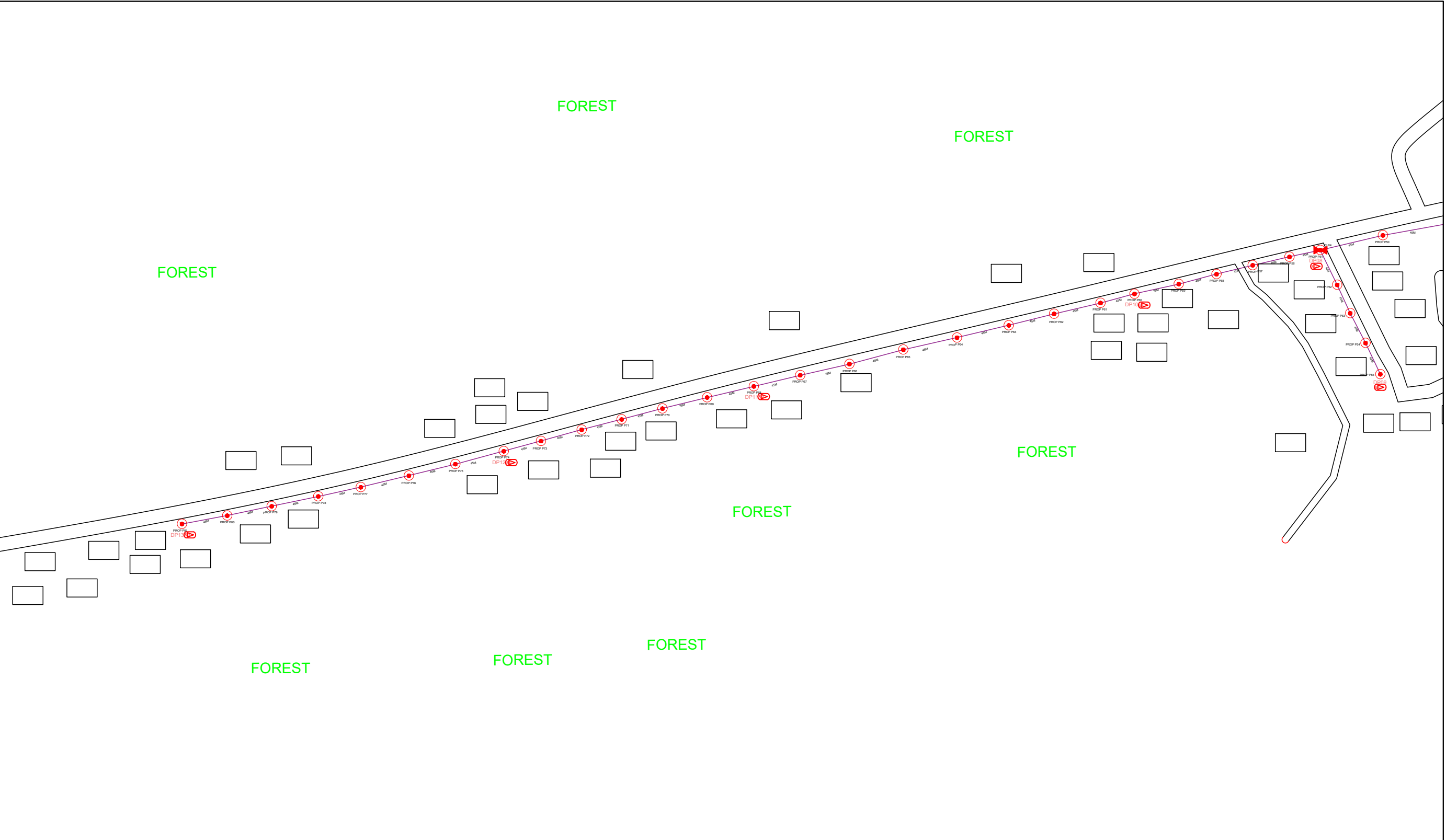
SK SUNGAI JERNIH

PROJECT PHASE:

PROJECT PHASE

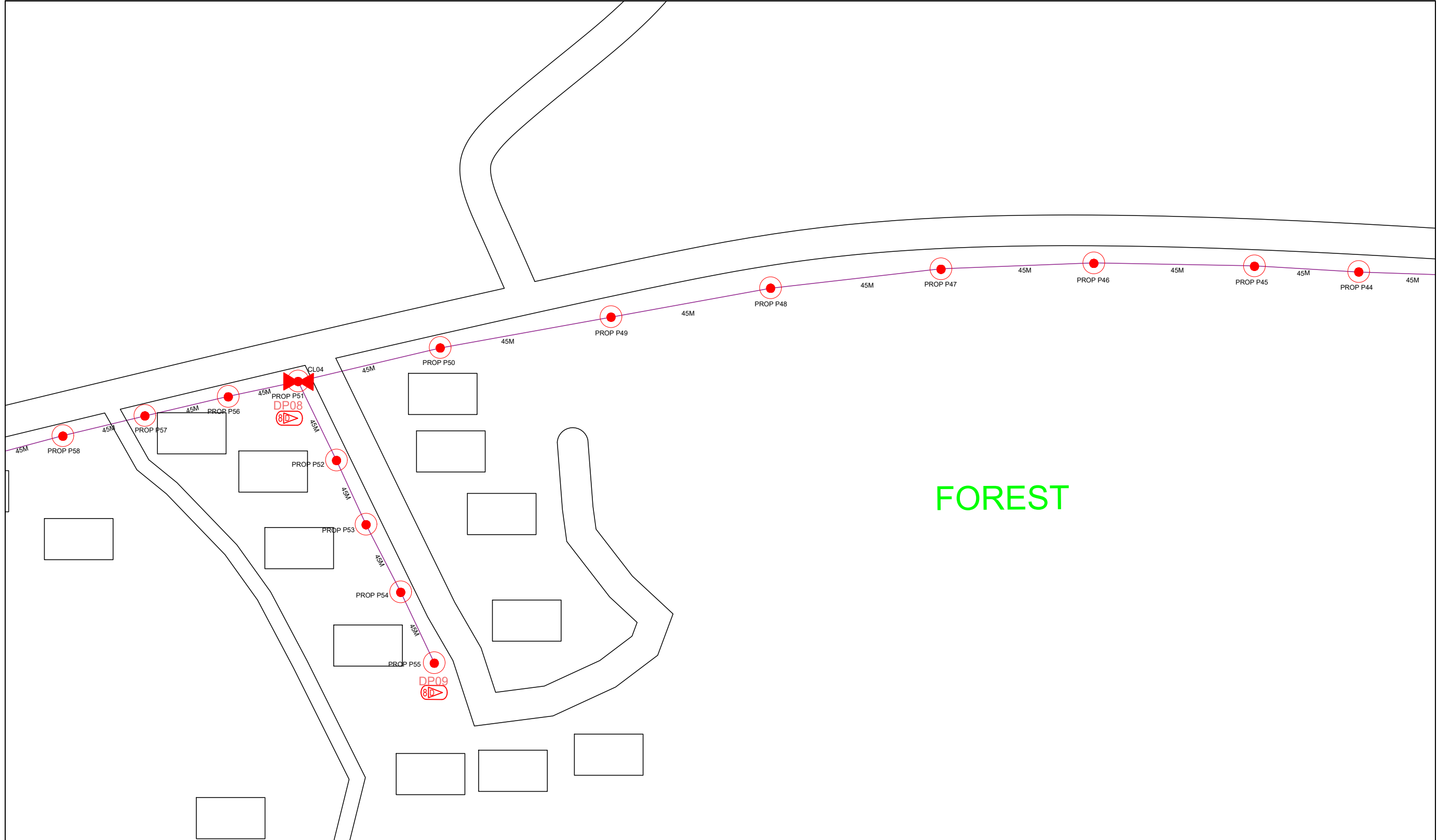
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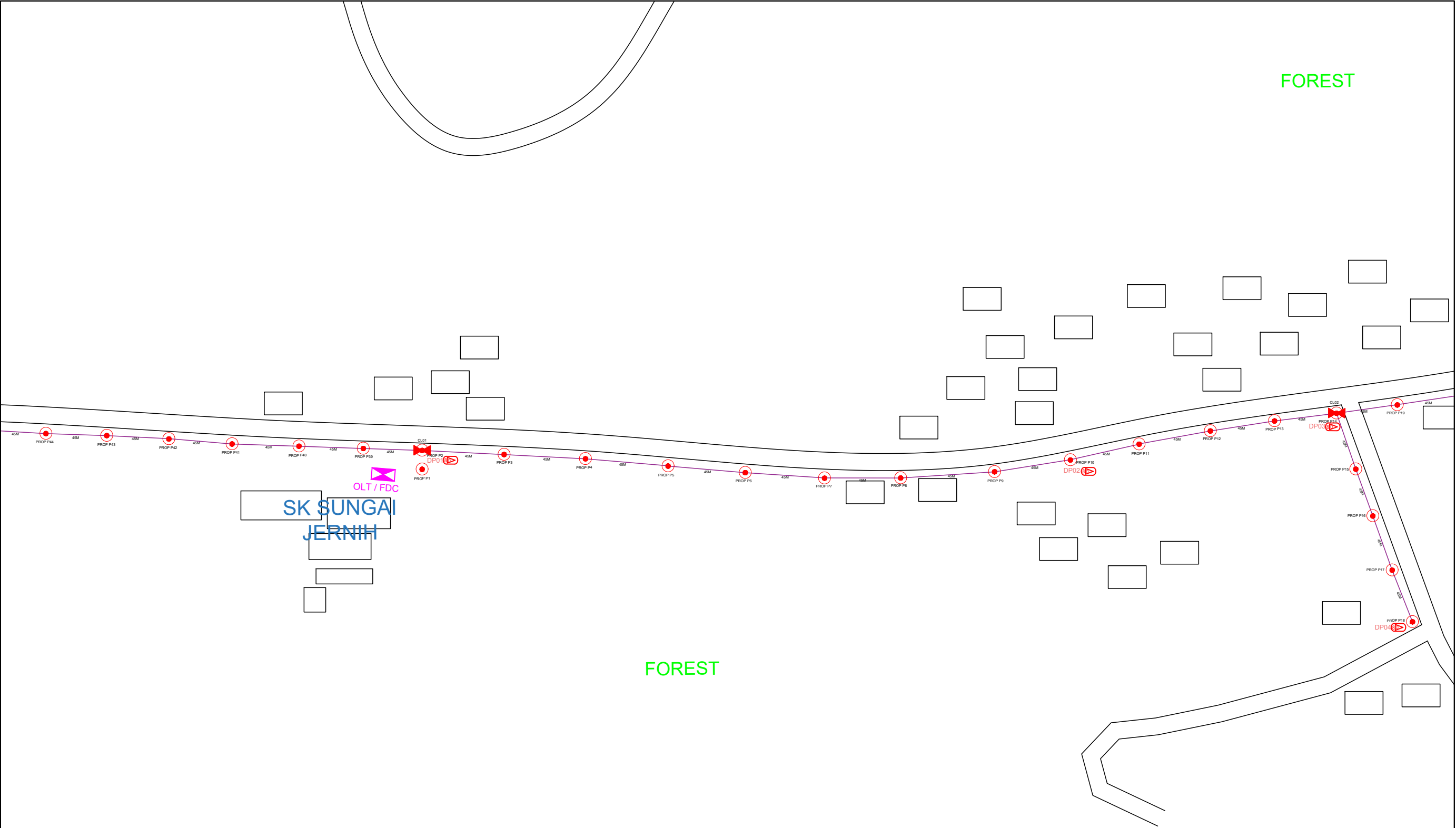
LEGEND							
	12C FOC		Installed 1:4 splitter in FDC		Installed Pole (9m)		New Manhole(JRC7)
	24C FOC		FDP with (1:8) splitter		Installed Riser		House Number
	48C FOC		Closure		Suspension Big		Existing TNB Pole
	96C FOC		New Manhole (PIT)		Suspension Small		LOOP
	144C FOC		Installed Pole (7.5M)		FDC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

KEY PLAN :	PROJECT OWNER :	MAIN CONTRACTOR	SUB-CONTRACTOR :	PROJECT TITLE:	DRAWING TITLE:	Design By : ENGINEER	Date : DATE	
	 KEMENTERIAN KOMUNIKASI DAN DIGITAL	 APEX COMMUNICATIONS SDN BHD 181475-Y 	 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 FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK SUNGAI JERNIH)TO PREMISES PASS AREA	SK SUNGAI JERNIH	Drawn By : CAD ENGINEER	Scale : NTS	
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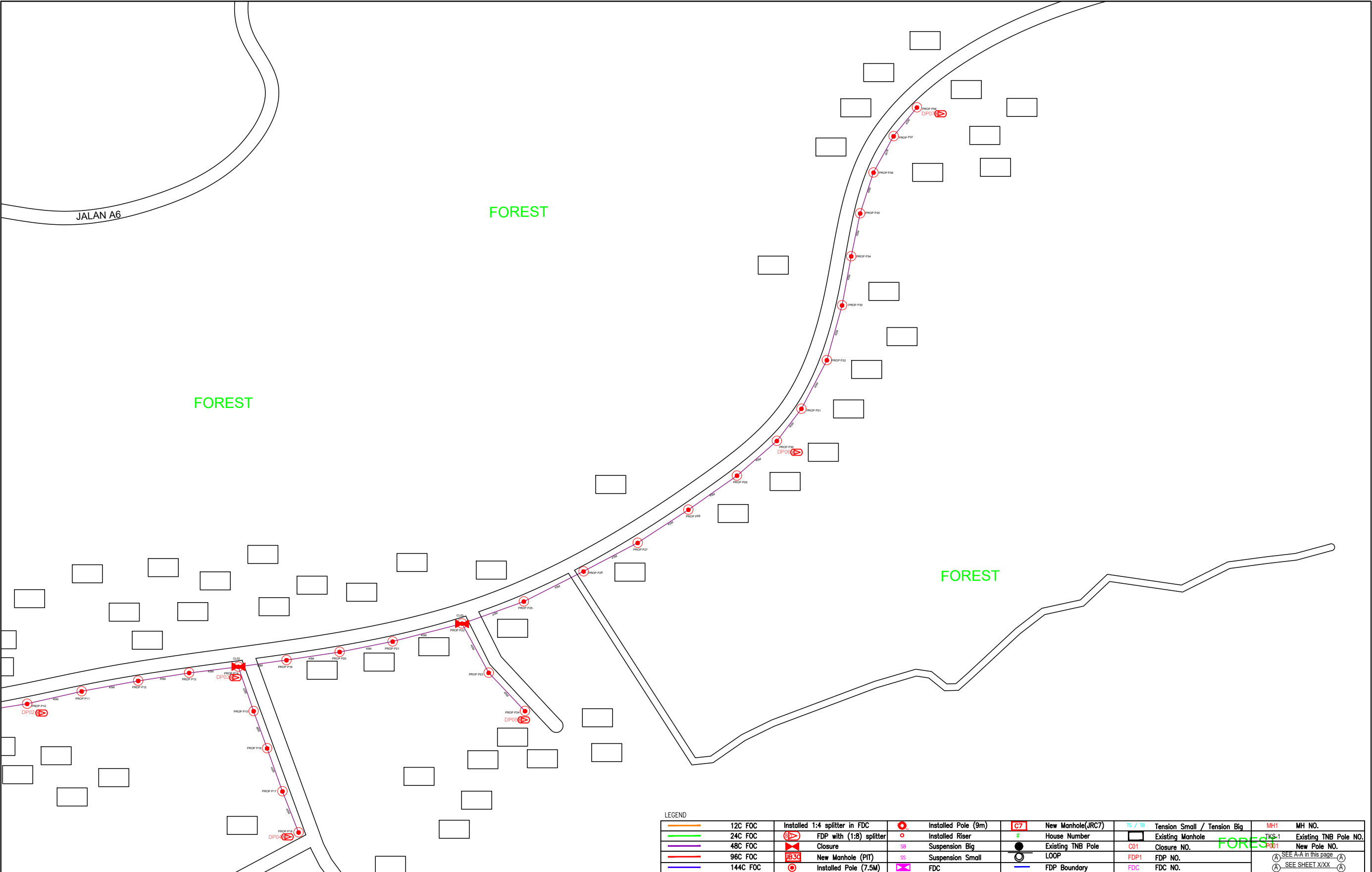
LEGEND											
	12C FOC		Installed 1:4 splitter in FDC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big		MH NO.
	24C FOC		FDP with (1:8) splitter		Installed Riser		House Number		Existing Manhole		Existing TNB Pole NO.
	48C FOC		Closure		Suspension Big		Existing TNB Pole		Closure 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 XXX

KEY PLAN :	PROJECT OWNER : 	MAIN CONTRACTOR 	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 JERNIH)TO PREMISES PASS AREA	DRAWING TITLE: SK SUNGAI JERNIH	Design By : ENGINEER Date : DATE Drawn By : CAD ENGINEER Scale : NTS Checked By : ENGINEER Job Number : JOB/NUMBER	DRAWING NUMBER : DRAWING/NUMBER Sheet : 2/4	
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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	SB	Suspension Big		Existing TNB Pole	C01	Closure NO.	P001	New Pole NO.
	96C FOC	JRC3	New Manhole (PIT)	SS	Suspension Small		LOOP	FDP1	FDP NO.	(A) SEE A-A in this page (A) SEE SHEET XXX
	144C FOC	Installed Pole (7.5M)		FDC		FDP Boundary	FDC	FDC NO.		

KEY PLAN :	PROJECT OWNER :	MAIN CONTRACTOR	SUB-CONTRACTOR :	PROJECT TITLE:	DRAWING TITLE:	Design By : ENGINEER	Date : DATE	
	 KEMENTERIAN KOMUNIKASI DAN DIGITAL	 PRIVASAT	 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 FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK SUNGAI JERNIH)TO PREMISES PASS AREA	SK SUNGAI JERNIH	Drawn By : CAD ENGINEER	Scale : NTS	
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KEY PLAN :

PROJECT OWNER :

MAIN CONTRACTOR

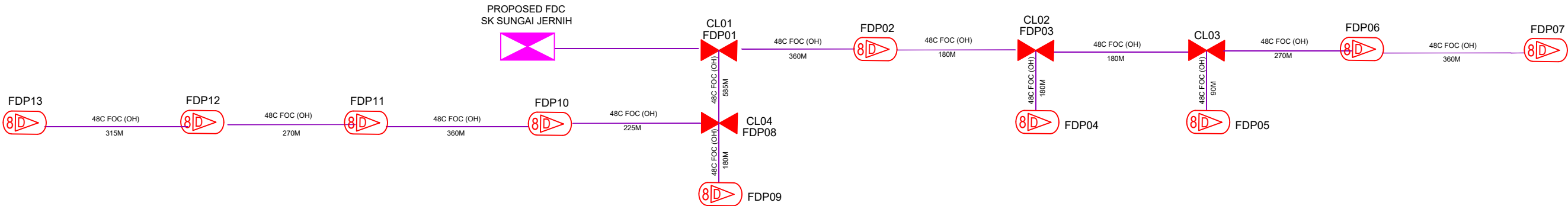
SUB-CONTRACTOR :

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DRAWING TITLE:
SK SUNGAI JERNIH
PROJECT PHASE:
PROJECT PHASE

Design By : ENGINEER	Date : DATE
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KEY PLAN :	PROJECT OWNER :  KEMENTERIAN KOMUNIKASI DAN DIGITAL	MAIN CONTRACTOR  APEX COMMUNICATIONS SDN BHD PRIVASAT	SUB-CONTRACTOR :  ARCHWAY MAPPING SERVICES SDN BHD No 48 Jalan TUI 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 JERNIH)TO PREMISES PASS AREA	DRAWING TITLE: D-SIDE – SK SUNGAI JERNIH PROJECT PHASE: PROJECT PHASE	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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