



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 ABA4038 SEKOLAH KEBANGSAAN TEMIN (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 : KUALA KANGSAR  
 Address : SK TEMIN  
 District : SUNGAI SIPUT  
 Postcode : 31100  
 State : PERAK  
 GPS Coordinate : 4.864390, 101.046989  
 LRD : A

### End Point

Site / Boundary Name : KUALA KANGSAR  
 Address : JLN  
 District : SUNGAI SIPUT  
 Postcode : 31100  
 State : PERAK  
 GPS Coordinate : 4.868990, 101.055796  
 LRD : B



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## 1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	1215
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	0
4	Micro Trenching (MT)	m	0
Total			1215

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	3270
2	Install New Pole	ea	60
3	Install New JRC7 Manhole	ea	8
4	Install GI Riser 100mm	m	48
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

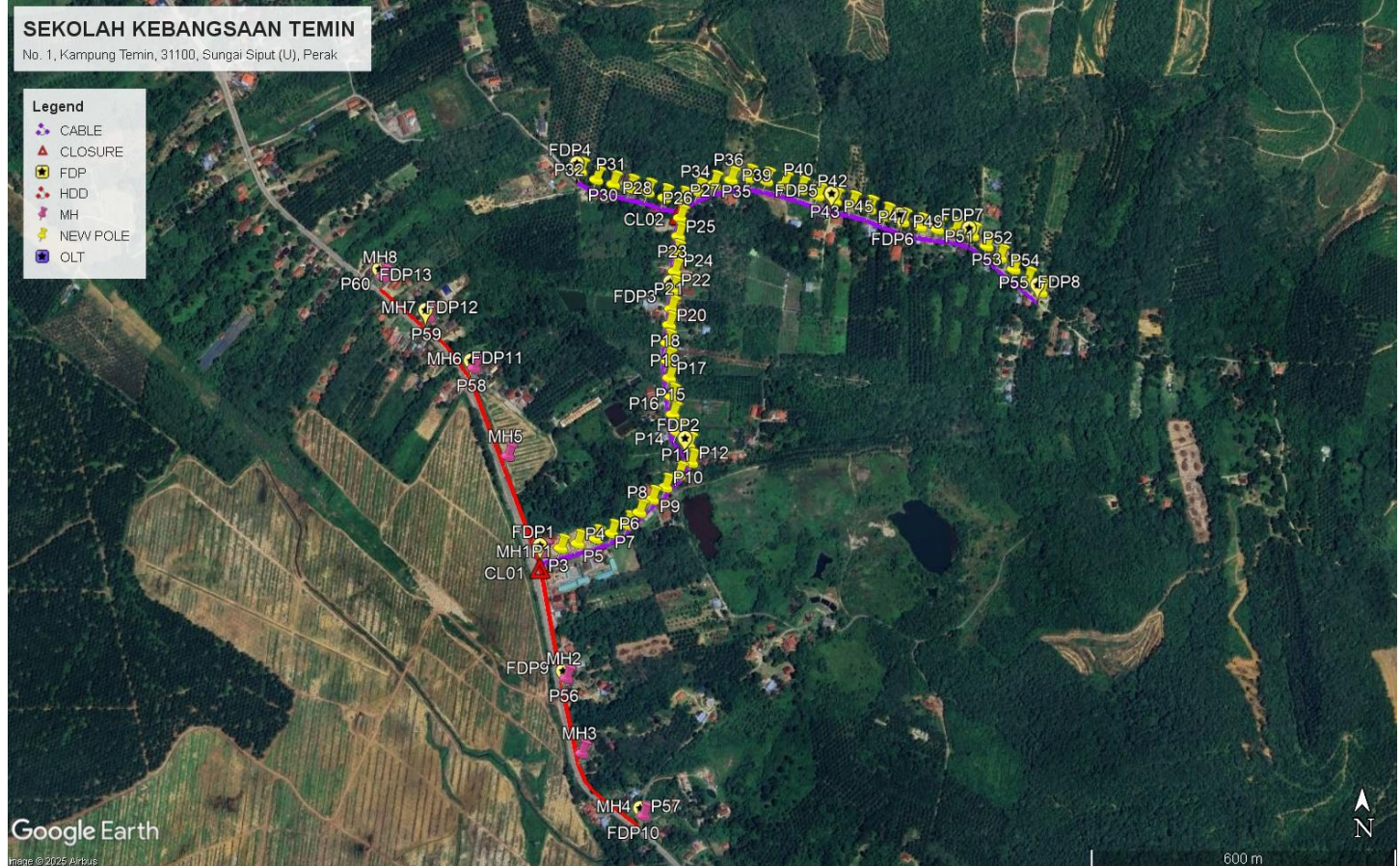
Daerah Kuala Kangsar

Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	1	1215m
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	5	-
		Majlis	55	2055m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				3270m

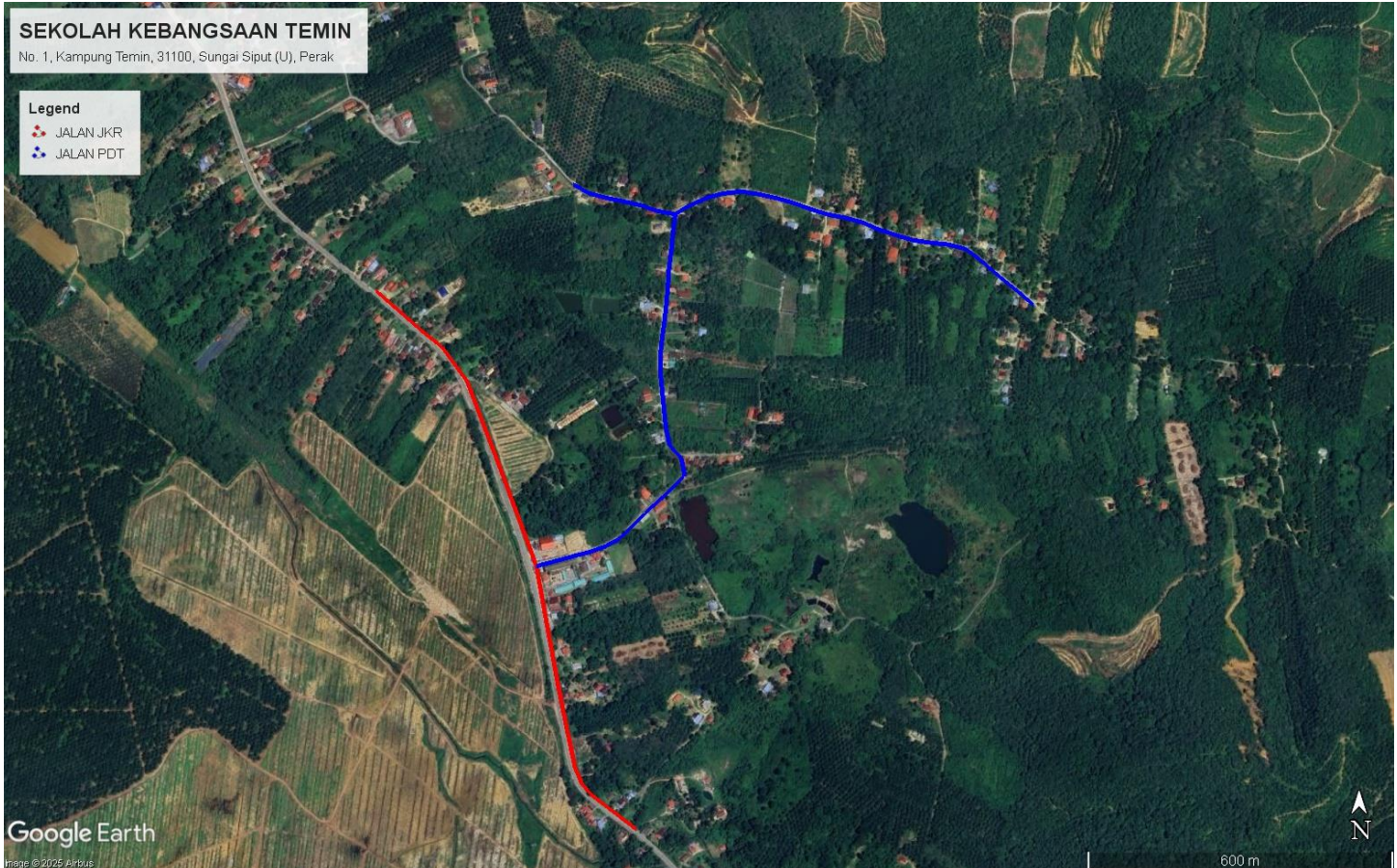
### 3.0 SITE PLAN (KMZ)

#### 3.1 Overview Site Area

5.017300



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



**Red Colour – JKR Road**

**Blue Colour - PDT Road**

#### 4.0 PROPOSED NEW POLE FDP

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	0	4.864390	101.046989	PDT Road
2	T002	35	4.864395	101.046985	PDT Road
3	T003	35	4.864470	101.047281	PDT Road
4	T004	35	4.864551	101.047581	PDT Road
5	T005	35	4.864637	101.047905	PDT Road
6	T006	35	4.864732	101.048184	PDT Road
7	T007	35	4.864883	101.048463	PDT Road
8	T008	35	4.865099	101.048679	PDT Road
9	T009	35	4.865331	101.048903	PDT Road
10	T010	35	4.865544	101.049140	PDT Road
11	T011	35	4.865761	101.049371	PDT Road
12	T012	35	4.865981	101.049597	PDT Road
13	T013	35	4.866285	101.049546	PDT Road
14	T014	35	4.866524	101.049338	PDT Road
15	T015	35	4.866829	101.049268	PDT Road
16	T016	35	4.867148	101.049238	PDT Road
17	T017	35	4.867474	101.049206	PDT Road
18	T018	35	4.867777	101.049175	PDT Road
19	T019	35	4.868093	101.049170	PDT Road
20	T020	35	4.868411	101.049204	PDT Road
21	T021	35	4.868694	101.049241	PDT Road
22	T022	35	4.869034	101.049280	PDT Road
23	T023	35	4.869355	101.049302	PDT Road
24	T024	35	4.869673	101.049327	PDT Road
25	T025	35	4.869979	101.049366	PDT Road
26	T026	35	4.870299	101.049397	PDT Road
27	T027	35	4.870616	101.049440	PDT Road
28	T028	35	4.870660	101.049120	PDT Road
29	T029	35	4.870761	101.048823	PDT Road
30	T030	35	4.870829	101.048513	PDT Road
31	T031	35	4.870897	101.048214	PDT Road
32	T032	35	4.870980	101.047912	PDT Road
33	T033	35	4.871132	101.047627	PDT Road
34	T034	35	4.870768	101.049712	PDT Road
35	T035	35	4.870896	101.049998	PDT Road
36	T036	35	4.870975	101.050301	PDT Road
37	T037	35	4.871011	101.050612	PDT Road
38	T038	35	4.870957	101.050927	PDT Road
39	T039	35	4.870886	101.051238	PDT Road
40	T040	35	4.870802	101.051538	PDT Road



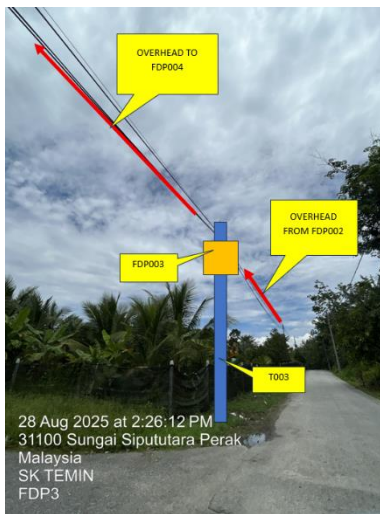
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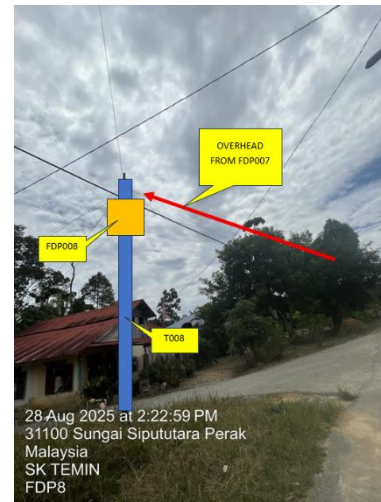
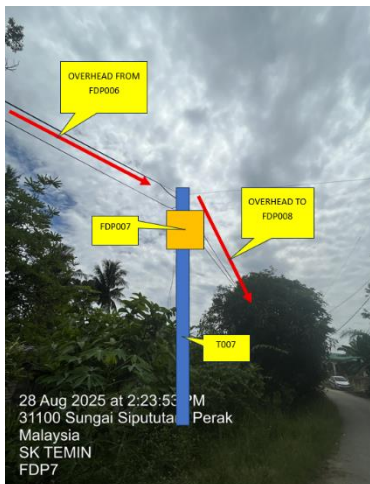
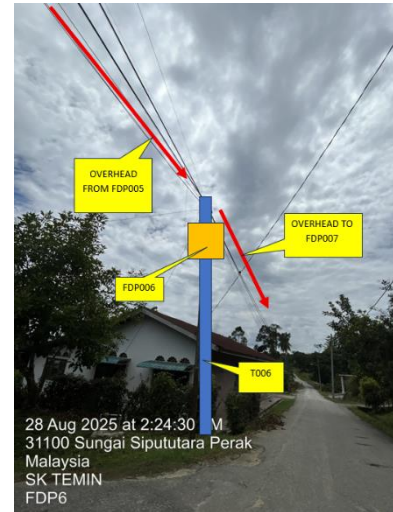
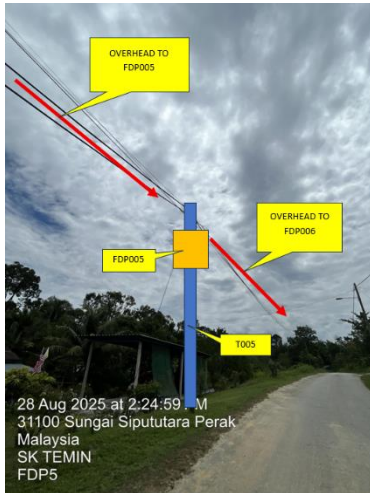


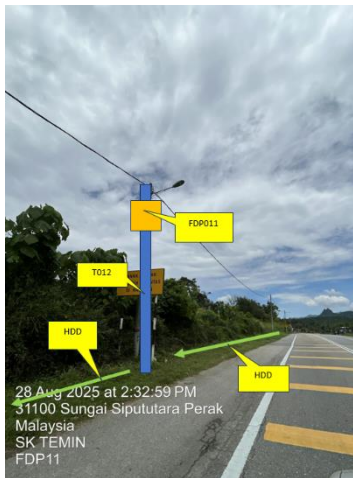
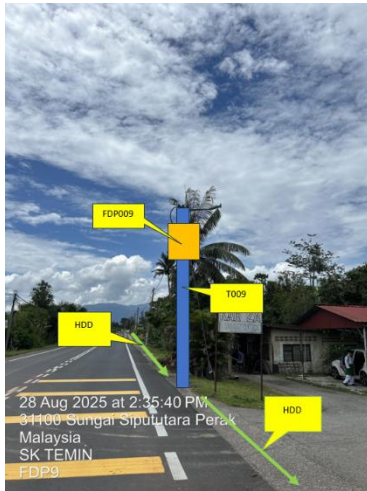
41	T041	35	4.870695	101.051837	PDT Road
42	T042	35	4.870601	101.052142	PDT Road
43	T043	35	4.870538	101.052448	PDT Road
44	T044	35	4.870458	101.052756	PDT Road
45	T045	35	4.870333	101.053045	PDT Road
46	T046	35	4.870236	101.053345	PDT Road
47	T047	35	4.870147	101.053653	PDT Road
48	T048	35	4.870102	101.053960	PDT Road
49	T049	35	4.870068	101.054275	PDT Road
50	T050	35	4.869989	101.054580	PDT Road
51	T051	35	4.869806	101.054834	PDT Road
52	T052	35	4.869598	101.055071	PDT Road
53	T053	35	4.869395	101.055315	PDT Road
54	T054	35	4.869199	101.055557	PDT Road
55	T055	35	4.868990	101.055796	PDT Road
56	T056	35	4.862168	101.047379	JKR Road
57	T057	35	4.859738	101.048748	JKR Road
58	T058	35	4.867649	101.045742	JKR Road
59	T059	35	4.868555	101.044939	JKR Road
60	T060	35	4.869261	101.044125	JKR Road

BIL	TYPE	7.5m	9m	TOTAL
1	No of Pole	63	1	64

**5.0 SITE PHOTOS - PROPOSED NEW POLE**

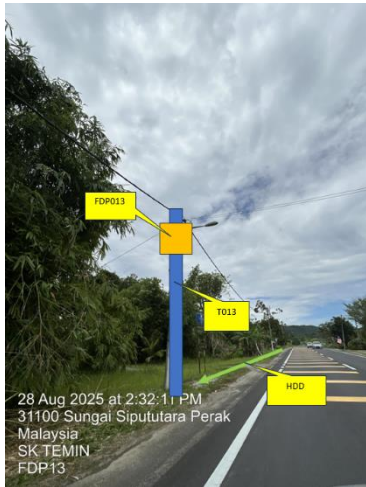








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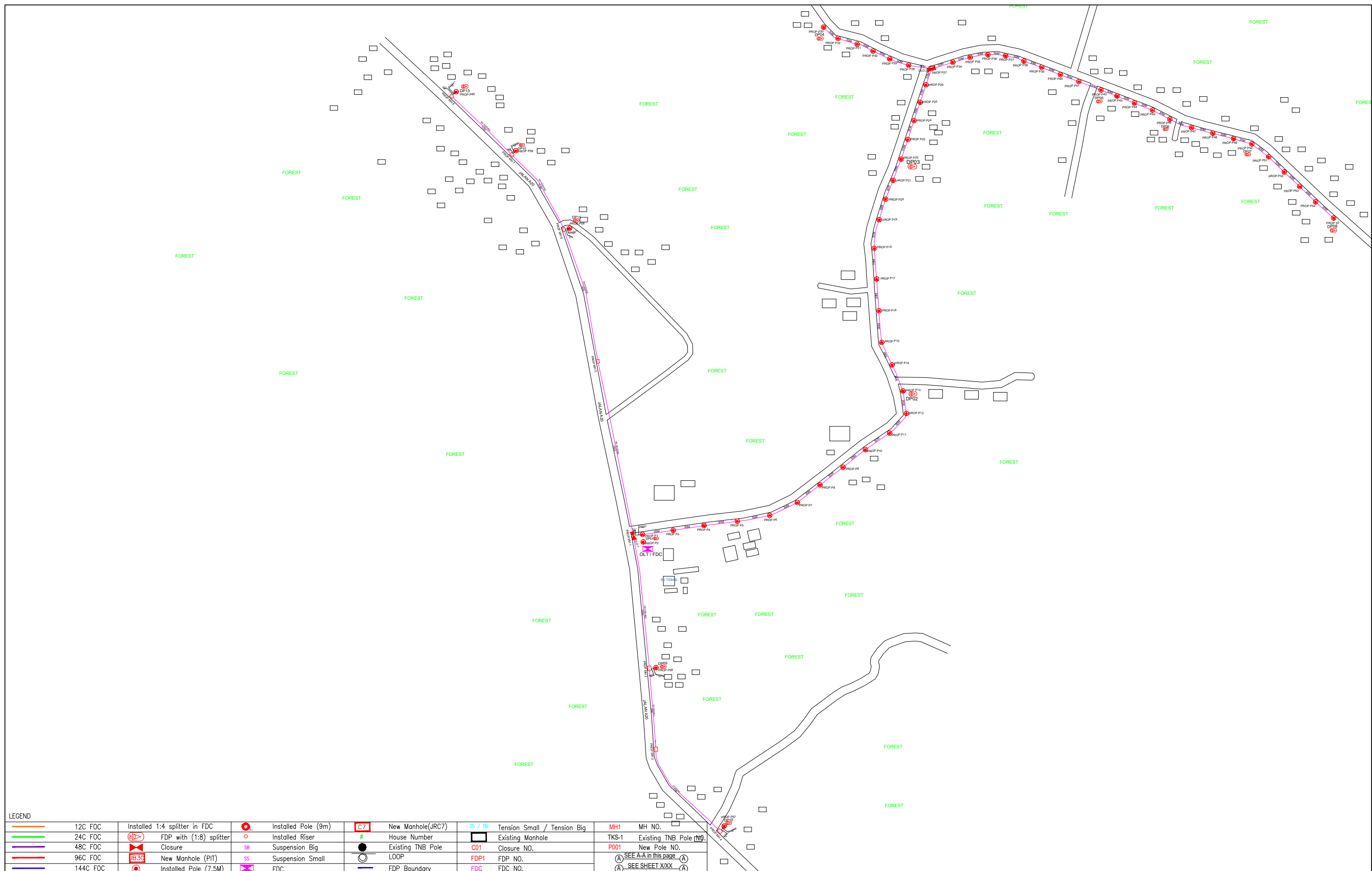


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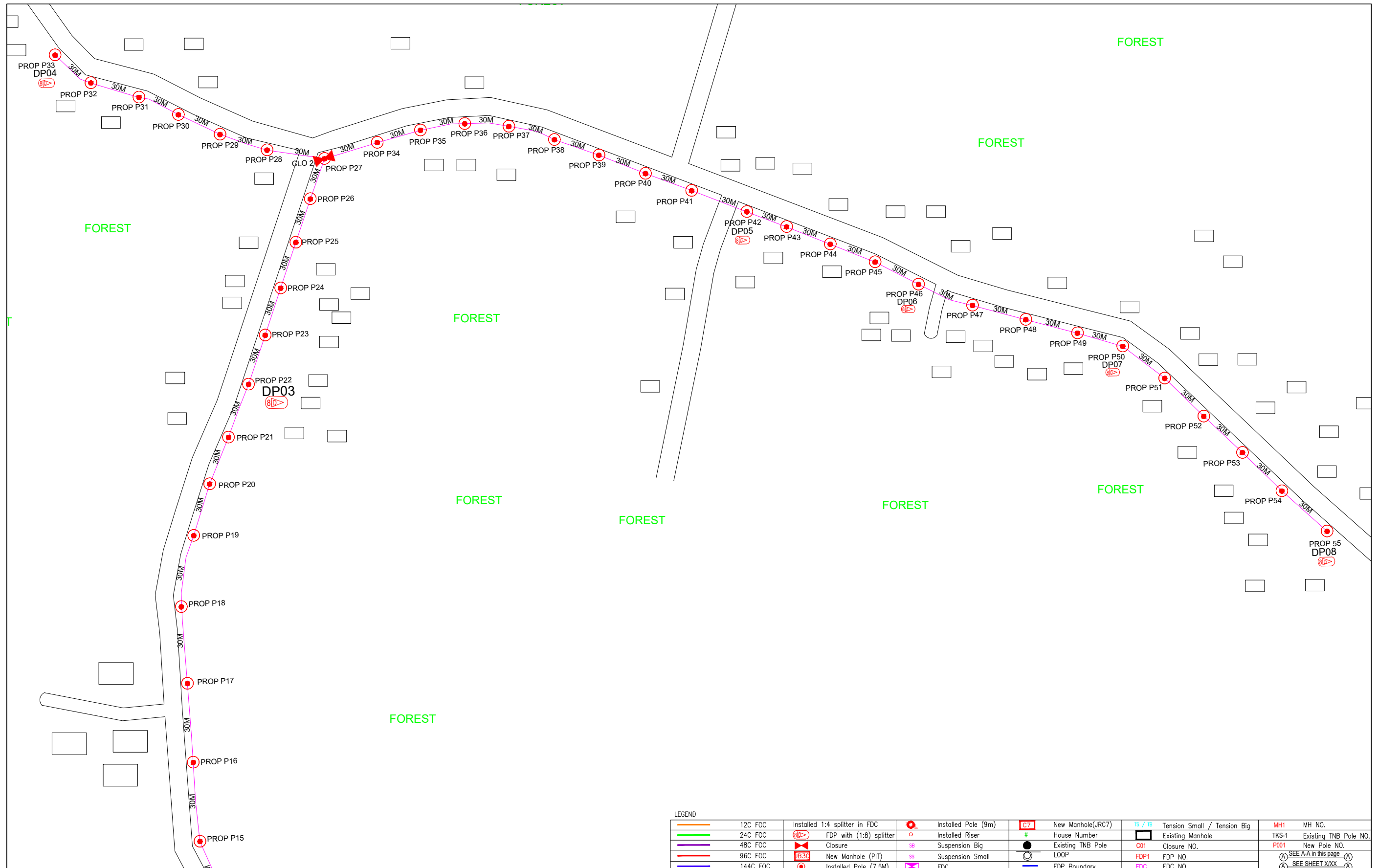
## 6.0 3<sup>rd</sup> PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Kuala Kangsar	3270m



LEGEND	
	12C FOC
	24C FOC
	48C FOC
	96C FOC
	144C FOC
	Installed Pole (9m)
	Installed Pole (7.5M)
	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
	Closure NO.
	FDP NO.
	FDC NO.
	MH1 MH NO.
	TKS-1 Existing TNB Pole
	P001 New Pole NO.
	SEE A-A in this page
	SEE SHEET XXX

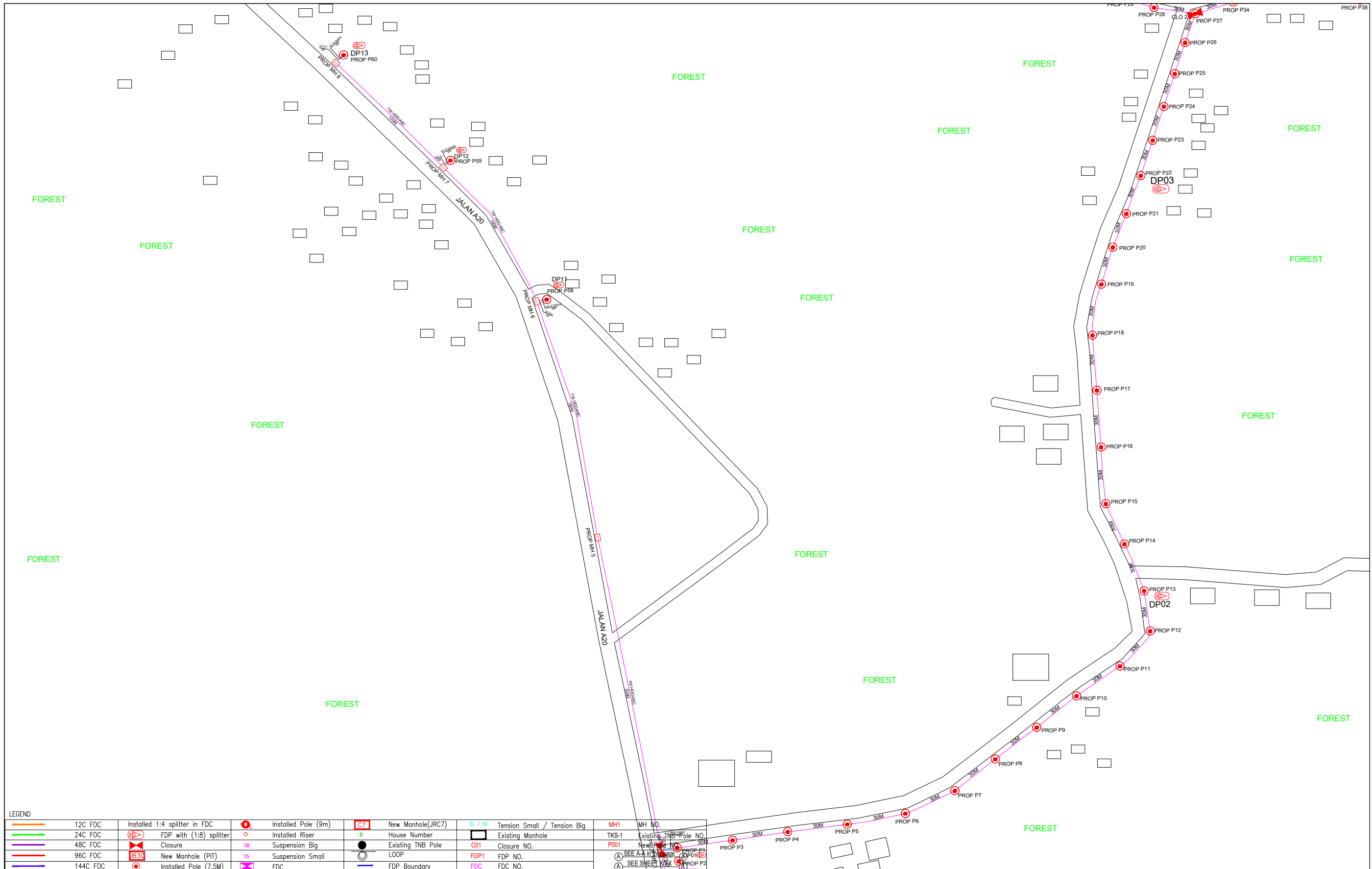
KEY PLAN :	PROJECT OWNER : 	MAIN CONTRACTOR : 	SUB-CONTRACTOR : 	PROJECT TITLE: PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK TEMIN) TO PREMISES PASS AREA	DRAWING TITLE: SK TEMIN	Design By : ENGINEER Date : DATE
					PROJECT PHASE: PROJECT PHASE	Drawn By : CAD ENGINEER Scale : NTS
						Checked By : ENGINEER Job Number : JOB/NUMBER
						DRAWING NUMBER : DRAWING/NUMBER
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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
	TKS-1 Existing TNB Pole NO.
	New Pole NO.
	SEE A-A in this page
	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 TEMIN) TO PREMISES PASS AREA	DRAWING TITLE: SK TEMIN	Design By : ENGINEER Date : DATE
					DRAWING NUMBER : DRAWING/NUMBER	Scale : NTS Job Number : JOB/NUMBER
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LEGEND	
	12C FOC
	24C FOC
	48C FOC
	96C FOC
	144C FOC
	Installed 1:4 splitter in FDC
	FDC 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 Manhole
	Existing TNB Pole
	LOOP
	FDC Boundary
	Tension Small / Tension Big
	Closure NO.
	FDP NO.
	FDC NO.
	MH NO.
	Existing TNB Pole NO.
	New TNB Pole NO.
	SEE A.A. IN THE DRAWING
	SEE SHEET XXX

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