



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 ABA6027 SEKOLAH KEBANGSAAN KAMPUNG YAMAN (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 KAMPUNG YAMAN
District : LARUT MATANG
Postcode : 34520
State : PERAK
GPS Coordinate : 5.033381, 100.789831
LRD : A

End Point

Site / Boundary Name : BATU KURAU
Address : KAMPUNG SUNGAI TERBUANG, PERAK
District : LARUT MATANG
Postcode : 34520
State : PERAK
GPS Coordinate : 5.035527,100.780049
LRD : B



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1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	248
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	12
4	Micro Trenching (MT)	m	0
Total			260

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	2630
2	Install New Pole	ea	57
3	Install New JRC7 Manhole	ea	4
4	Install GI Riser 100mm	m	48
5	Install Fiber Distribution Point	ea	13
6	Install Closure	ea	4
7	Estimated Time Required for Completion	days	21

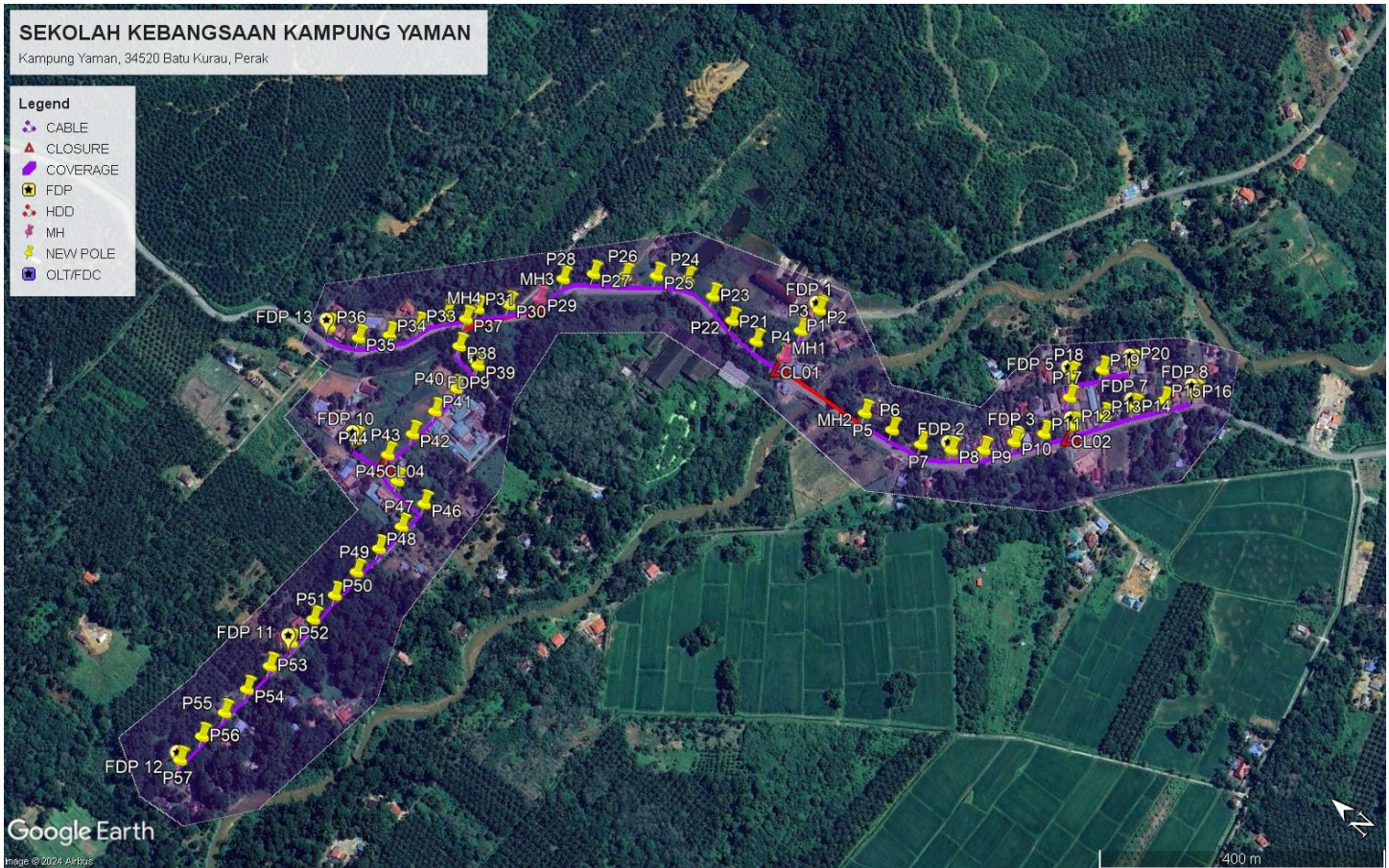
2.0 LOCAL AUTHORITY SUMMARY

Daerah Larut Matang

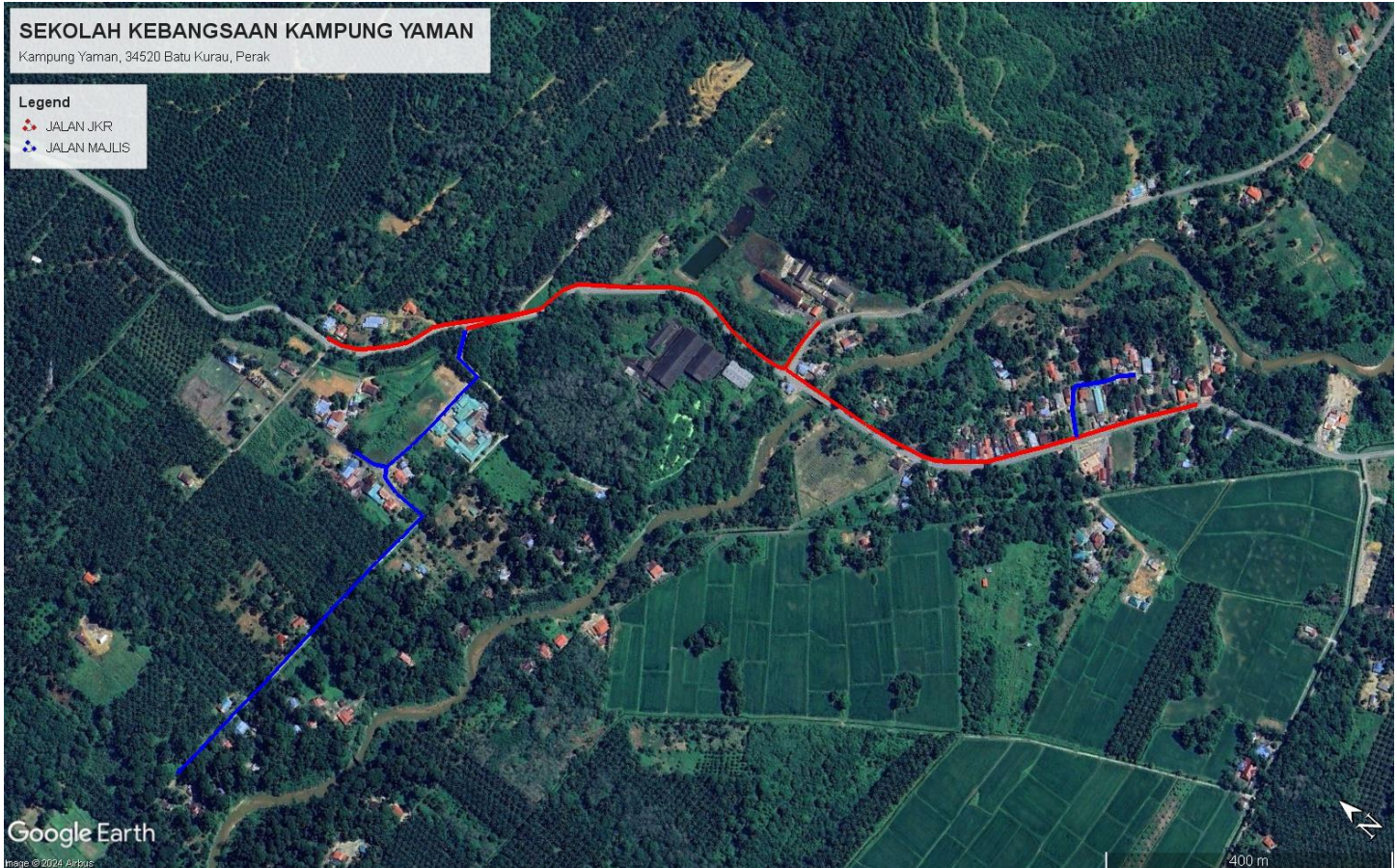
Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	2	260m
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	33	1304m
		Majlis	24	1066m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				2630m

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	5.033381	100.789831	JKR Road
2	T002	45	5.033357	100.789816	JKR Road
3	T003	45	5.033355	100.789452	JKR Road
4	T004	45	5.033293	100.789046	JKR Road
5	T005	45	5.032030	100.789211	JKR Road
6	T006	45	5.031624	100.789285	JKR Road
7	T007	45	5.031225	100.789393	JKR Road
8	T008	45	5.030888	100.789607	JKR Road
9	T009	45	5.030578	100.789888	JKR Road
10	T010	45	5.030356	100.790229	JKR Road
11	T011	45	5.030140	100.790567	JKR Road
12	T012	45	5.029924	100.790908	JKR Road
13	T013	45	5.029716	100.791260	JKR Road
14	T014	45	5.029505	100.791612	JKR Road
15	T015	45	5.029277	100.791940	JKR Road
16	T016	45	5.029051	100.792283	JKR Road
17	T017	45	5.030204	100.791145	Majlis Daerah Road
18	T018	45	5.030385	100.791383	Majlis Daerah Road
19	T019	45	5.030128	100.791704	Majlis Daerah Road
20	T020	45	5.029893	100.792035	Majlis Daerah Road
21	T021	45	5.033691	100.788959	JKR Road
22	T022	45	5.034105	100.788950	JKR Road
23	T023	45	5.034502	100.789018	JKR Road
24	T024	45	5.034897	100.788963	JKR Road
25	T025	45	5.035223	100.788725	JKR Road
26	T026	45	5.035526	100.788448	JKR Road
27	T027	45	5.035846	100.788192	JKR Road
28	T028	45	5.036096	100.787878	JKR Road
29	T029	45	5.036147	100.787483	JKR Road
30	T030	45	5.036389	100.787153	JKR Road
31	T031	45	5.036653	100.786841	JKR Road
32	T032	45	5.036907	100.786529	JKR Road
33	T033	45	5.037067	100.786163	JKR Road
34	T034	45	5.037262	100.785814	JKR Road
35	T035	45	5.037537	100.785519	JKR Road
36	T036	45	5.037920	100.785370	JKR Road
37	T037	45	5.036674	100.786640	Majlis Daerah Road
38	T038	45	5.036497	100.786320	Majlis Daerah Road

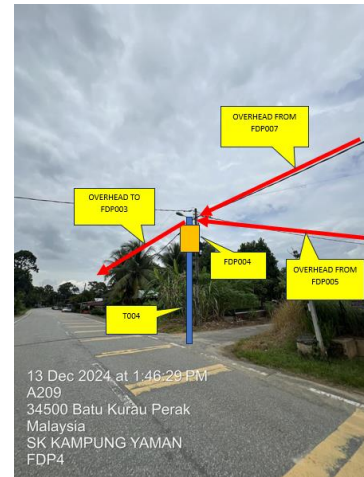
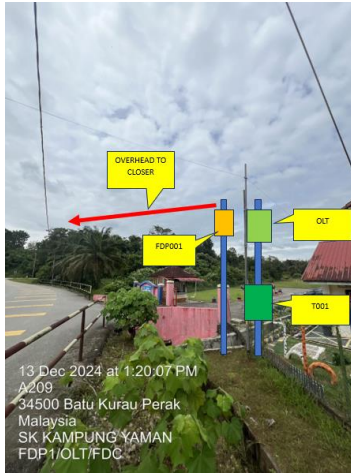


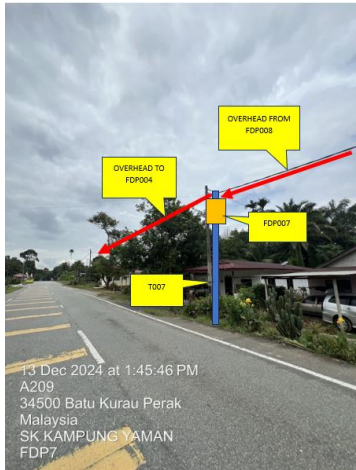
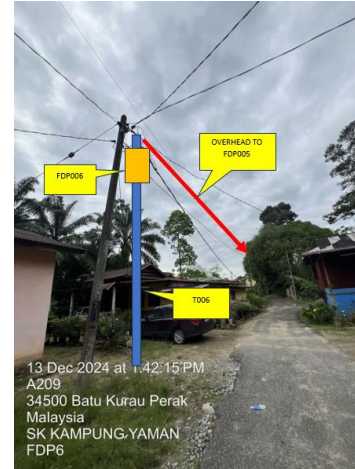
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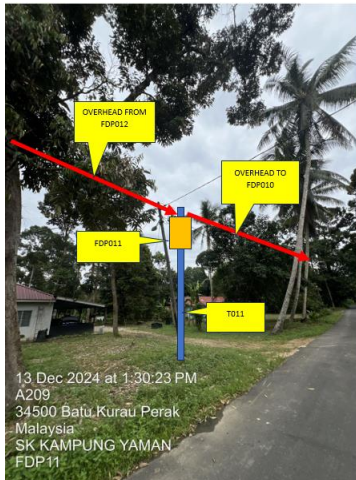


39	T039	45	5.036144	100.786297	Majlis Daerah Road
40	T040	45	5.036154	100.785888	Majlis Daerah Road
41	T041	45	5.036154	100.785487	Majlis Daerah Road
42	T042	45	5.036167	100.785076	Majlis Daerah Road
43	T043	45	5.036220	100.784664	Majlis Daerah Road
44	T044	45	5.036667	100.784530	Majlis Daerah Road
45	T045	45	5.035900	100.784500	Majlis Daerah Road
46	T046	45	5.035445	100.784517	Majlis Daerah Road
47	T047	45	5.035460	100.784107	Majlis Daerah Road
48	T048	45	5.035483	100.783705	Majlis Daerah Road
49	T049	45	5.035490	100.783294	Majlis Daerah Road
50	T050	45	5.035496	100.782890	Majlis Daerah Road
51	T051	45	5.035489	100.782482	Majlis Daerah Road
52	T052	45	5.035499	100.782078	Majlis Daerah Road
53	T053	45	5.035494	100.781676	Majlis Daerah Road
54	T054	45	5.035509	100.781267	Majlis Daerah Road
55	T055	45	5.035516	100.780860	Majlis Daerah Road
56	T056	45	5.035525	100.780451	Majlis Daerah Road
57	T057	45	5.035527	100.780049	Majlis Daerah Road

5.0 SITE PHOTOS - PROPOSED NEW POLE

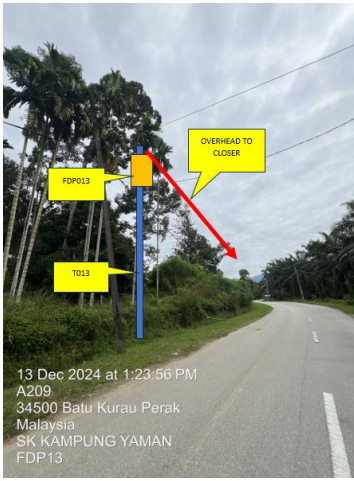








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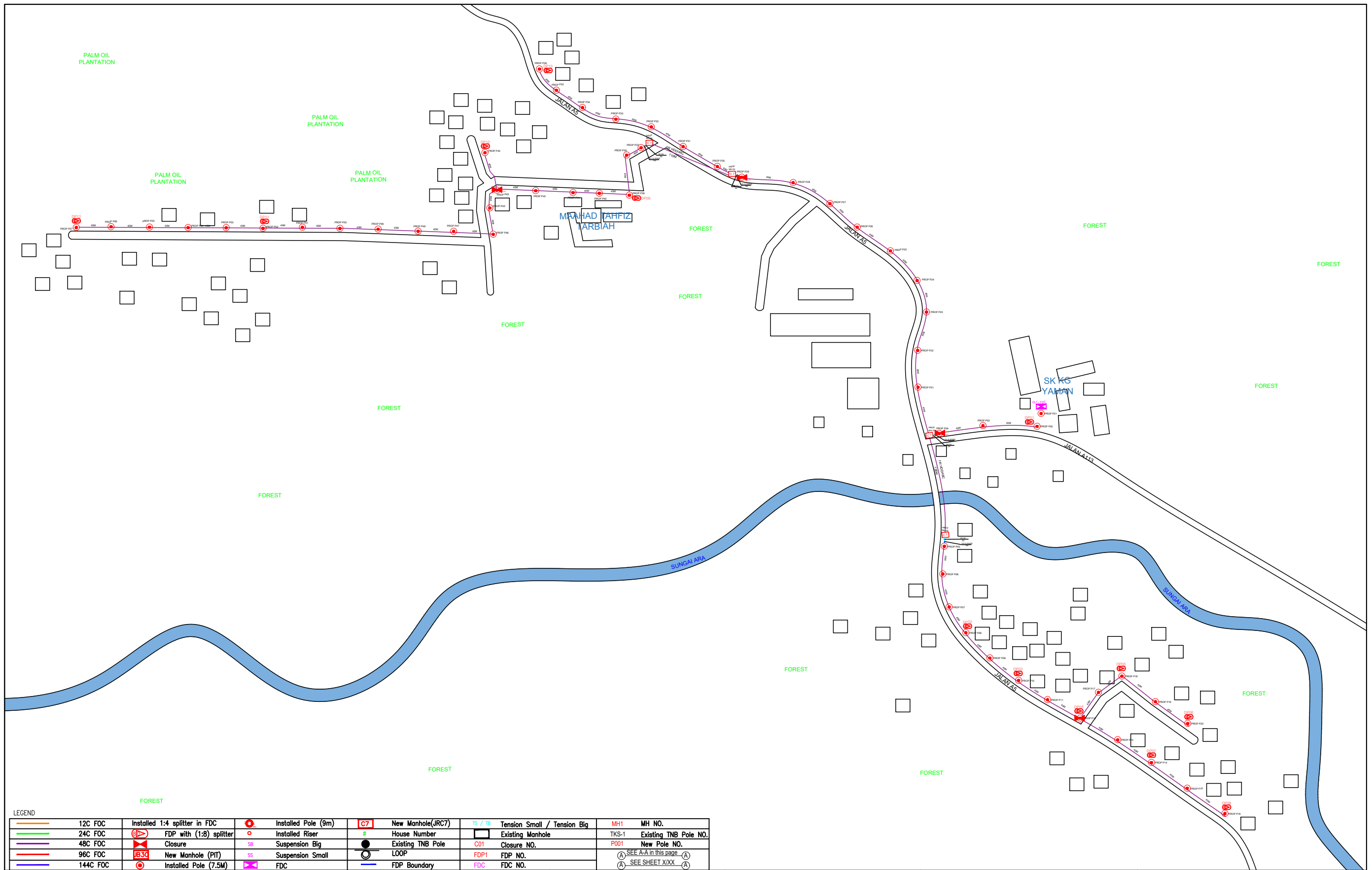


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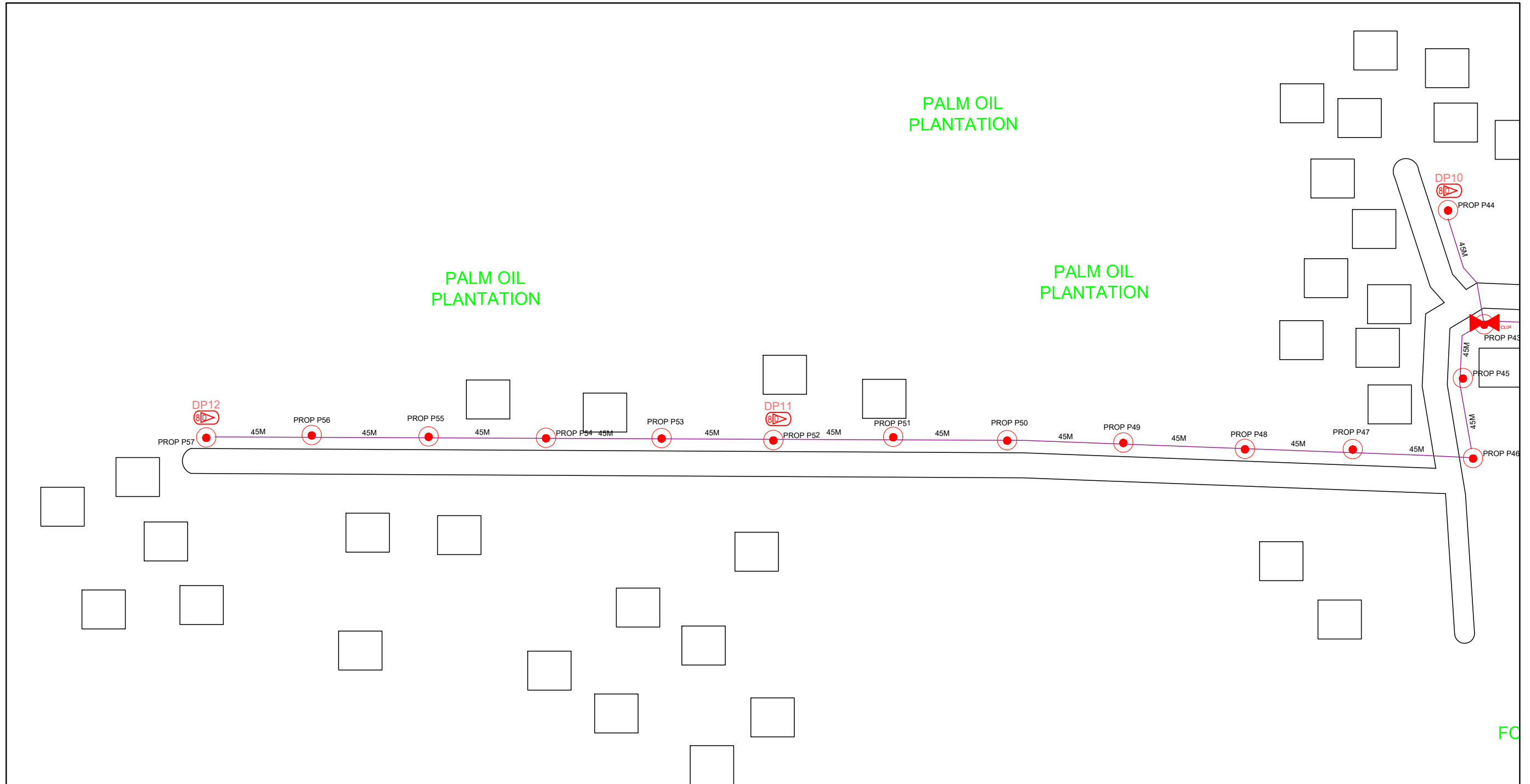
6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Larut Matang	2630m



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

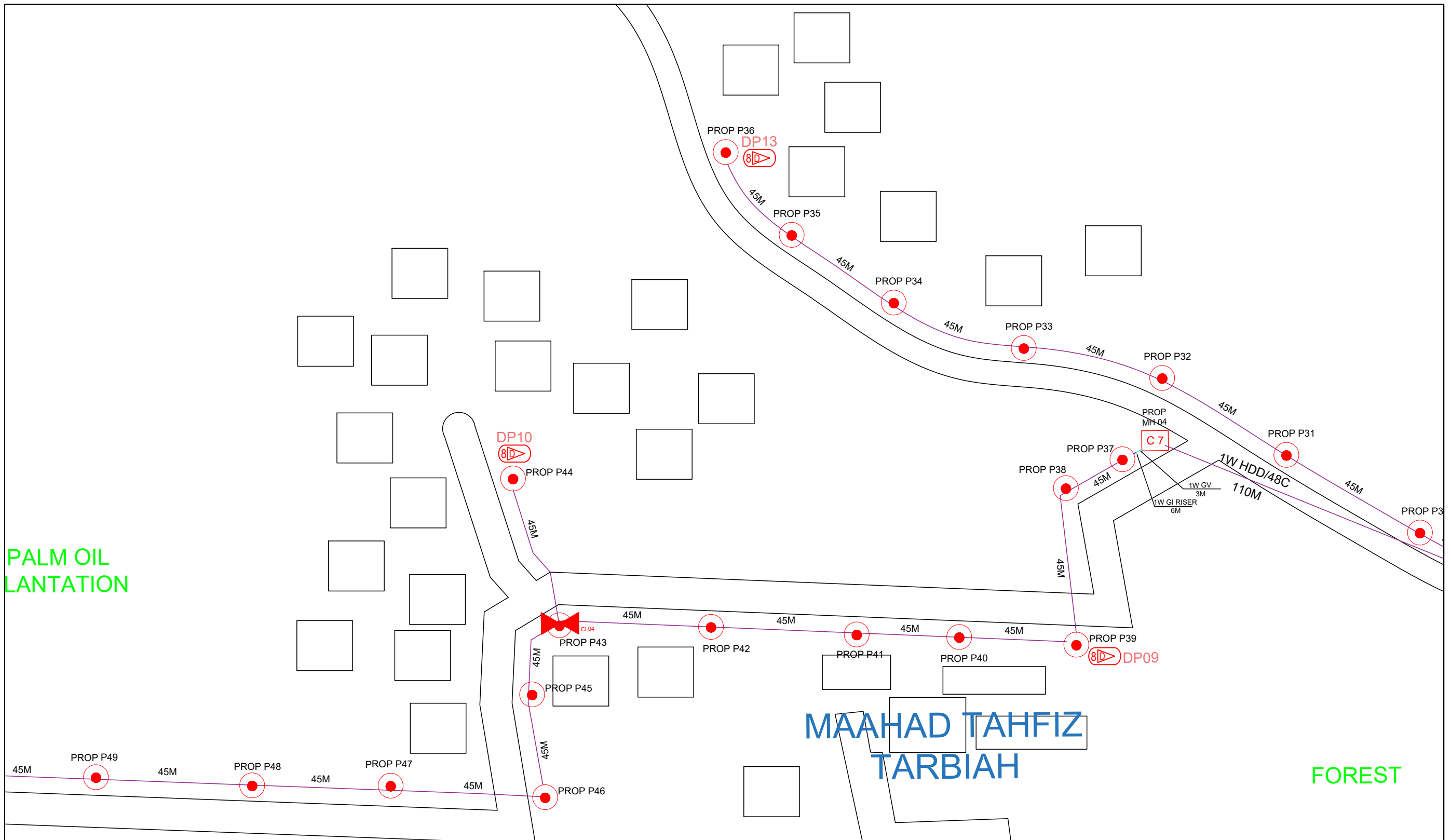
KEY PLAN :	PROJECT OWNER : 	MAIN CONTRACTOR : 	SUB-CONTRACTOR : ARCHWAY MAPPING SERVICES SDN BHD No 48 Jalan TU 39A, Taman Tasik Utama, 75450 Ayer Keroh, Melaka Tel: 606-233 9165 Fax: 606-233 9162 Email : info@archwaymalaysia.com Website : www.archwaymalaysia.com	PROJECT TITLE: PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK KG YAMAN) TO PREMISES PASS AREA	DRAWING TITLE: SK KG YAMAN	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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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.	(A) SEE A-A in this page	(A) SEE SHEET XXX
144C FOC	Installed Pole (7.5M)	FDC	FDP Boundary	FDC FDC NO.	(A) SEE SHEET XXX	(A) SEE SHEET XXX

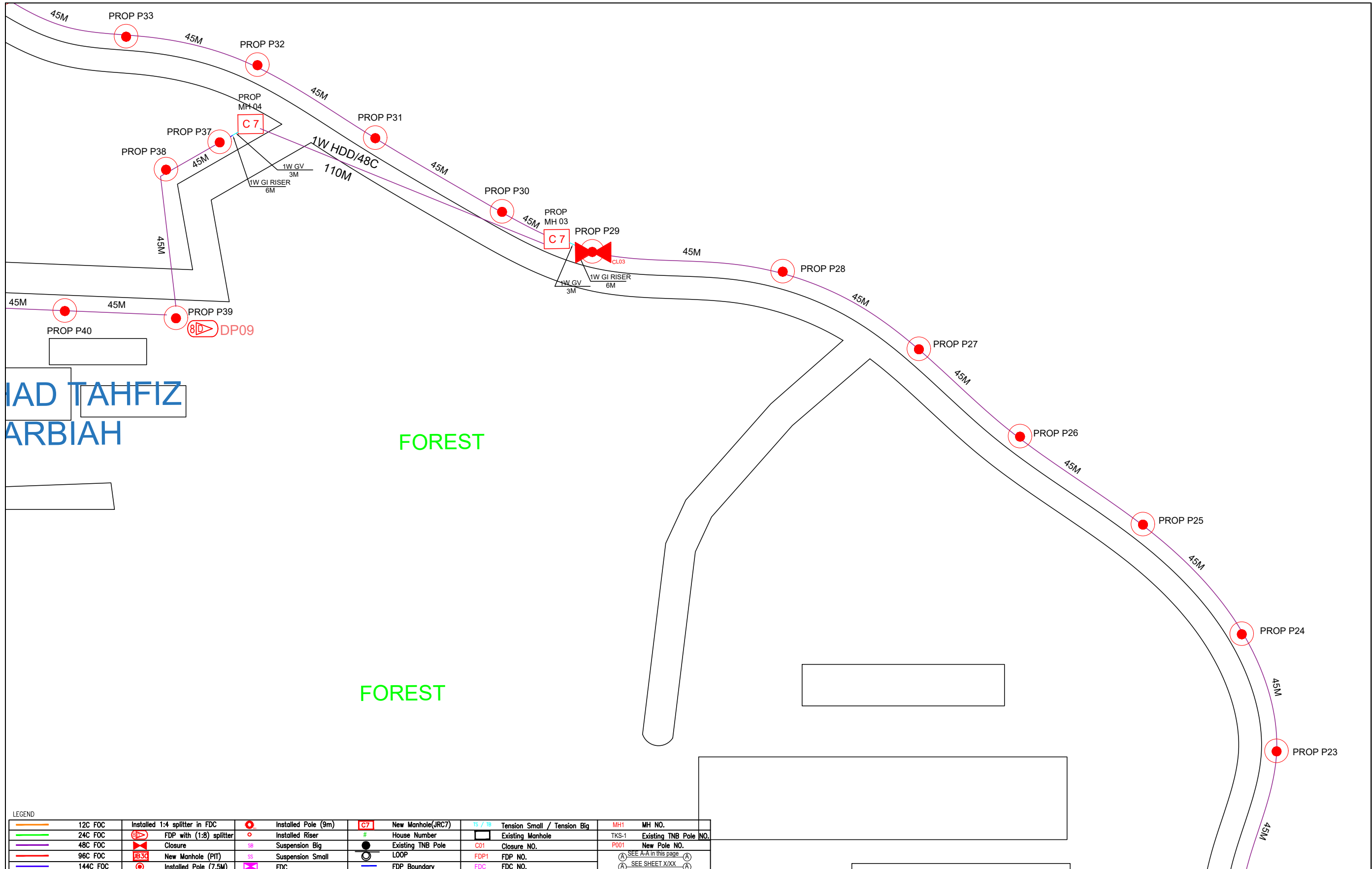
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LEGEND

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	Suspension Big	●	Existing TNB Pole	CD1	Closure NO.	PO01	New Pole NO.
96C FOC	New Manhole (PIT)	Suspension Small	○	LOOP	FDP1	FDH NO.	(A)	SEE A-A IN THIS PAGE
144C FOC	Installed Pole (7.5M)	FDC	□	FDP Boundary	FDC	FDC NO.	(A)	SEE SHEET XXX

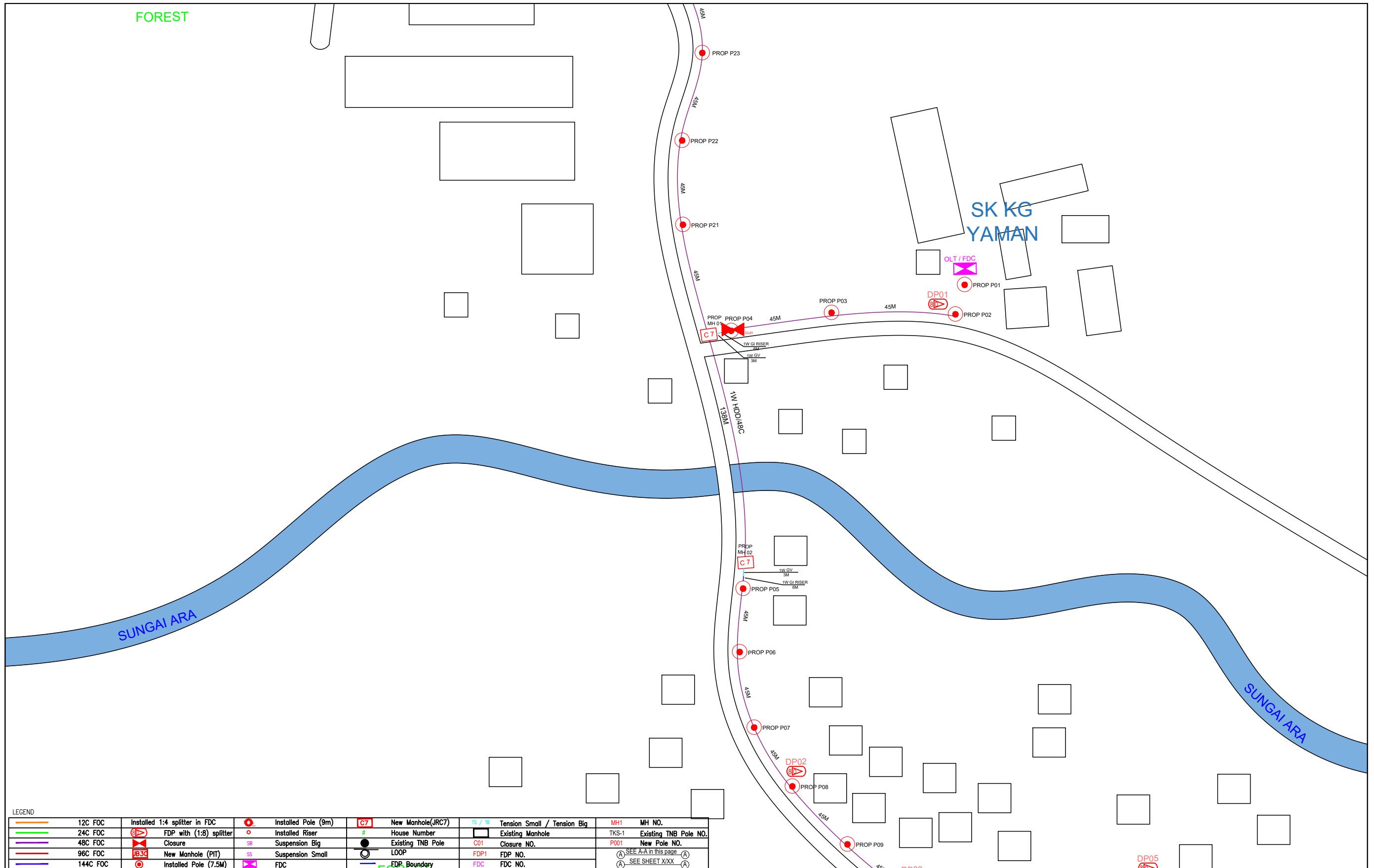
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LEGEND

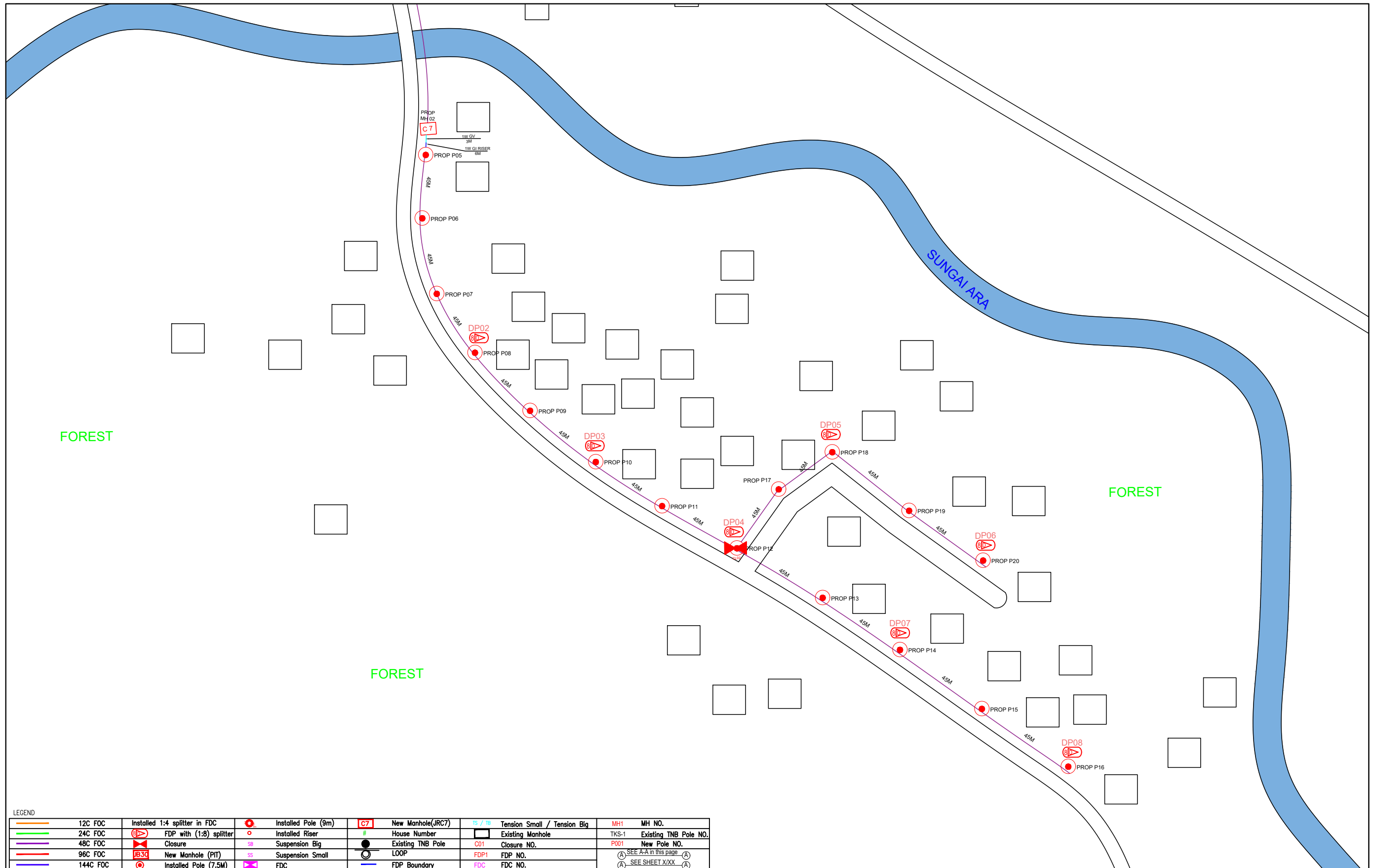
12C FOC	Installed 1:4 splitter in FDC	Installed Pole (9m)	C7	New Manhole(JRC7)	TS / TB	Tension Small / Tension Big	MH1	MH NO.
24C FOC	FDP with (1:8) splitter	Installed Riser	#	House Number	TKS-1	Existing Manhole	TKS-1	Existing TNB Pole NO.
48C FOC	Closure	Suspension Big	●	Existing TNB Pole	C01	Closure NO.	P001	New Pole NO.
96C FOC	New Manhole (PIT)	Suspension Small	○	LOOP	FDP1	FDP NO.	(A)	SEE A-A in this page
144C FOC	Installed Pole (7.5M)	FDC	—	FDP Boundary	FDC	FDC NO.	(A)	SEE SHEET XXX

KEY PLAN :	PROJECT OWNER : 	MAIN CONTRACTOR : 	SUB-CONTRACTOR : 	PROJECT TITLE: PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK KG YAMAN) TO PREMISES PASS AREA	DRAWING TITLE: SK KG YAMAN	Design By : ENGINEER	Date : DATE
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LEGEND										
12C FOC	Installed 1:4 splitter in FDC	Installed Pole (9m)	New Manhole(JRC7)	TS / TB	Tension Small / Tension Big	MH1	MH NO.			
24C FOC	FDP with (1:8) splitter	Installed Riser	#	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.		(A) SEE A-A in this page			
144C FOC	Installed Pole (7.5M)	FDC	FDP Boundary	FDC	FDC NO.		(A) SEE SHEET XXX			

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LEGEND

Orange line	12C FOC	Installed 1:4 splitter in FDC	Red circle with dot	Installed Pole (9m)	C7	New Manhole(JRC7)	TS / TB	Tension Small / Tension Big	MH1	MH NO.
Green line	24C FOC	FDP with (1:8) splitter	Red circle with dot	Installed Riser	#	House Number	TKS-1	Existing Manhole	TKS-1	Existing TNB Pole NO.
Purple line	48C FOC	Closure	SB	Suspension Big	Existing TNB Pole	C01	Closure NO.	P001	New Pole NO.	
Red line	96C FOC	New Manhole (PIT)	SB	Suspension Small	LOOP	FDP1	FDP NO.	(A)	SEE A-A in this page	(A)
Blue line	144C FOC	Installed Pole (7.5M)	SB	FDC	FDP Boundary	FDC	FDC NO.	(A)	SEE SHEET XXX	(A)


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
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DRAWING TITLE:
SK KG YAMAN

PROJECT PHASE:
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