



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 ABA 6021 SEKOLAH KEBANGSAAN CHANGKAT IBUL (D-SIDE)

Company Name : Archway Mapping Services Sdn. Bhd.
Company Address : No 48-1, Jalan TU39A, Ayer Keroh Melaka
Prepared By : Muhammad Adham
Date : 28/11/2024



Starting Point

Site / Boundary Name : CHANGKAT JERING
Address : SK CHANGKAT IBUL
District : LARUT MATANG
Postcode : 34850
State : PERAK
GPS Coordinate : 4.761244, 100.741504
LRD : A

End Point

Site / Boundary Name : TERONG
Address : SUNGAI PETAI, CHANGKAT JERING, PERAK
District : LARUT MATANG
Postcode : 34850
State : PERAK
GPS Coordinate : 4.767488, 100.747423
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			0

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	2628
2	Install New Pole	ea	51
3	Install New JRC7 Manhole	ea	0
4	Install GI Riser 100mm	m	0
5	Install Fiber Distribution Point	ea	15
6	Install Closure	ea	3
7	Estimated Time Required for Completion	days	14

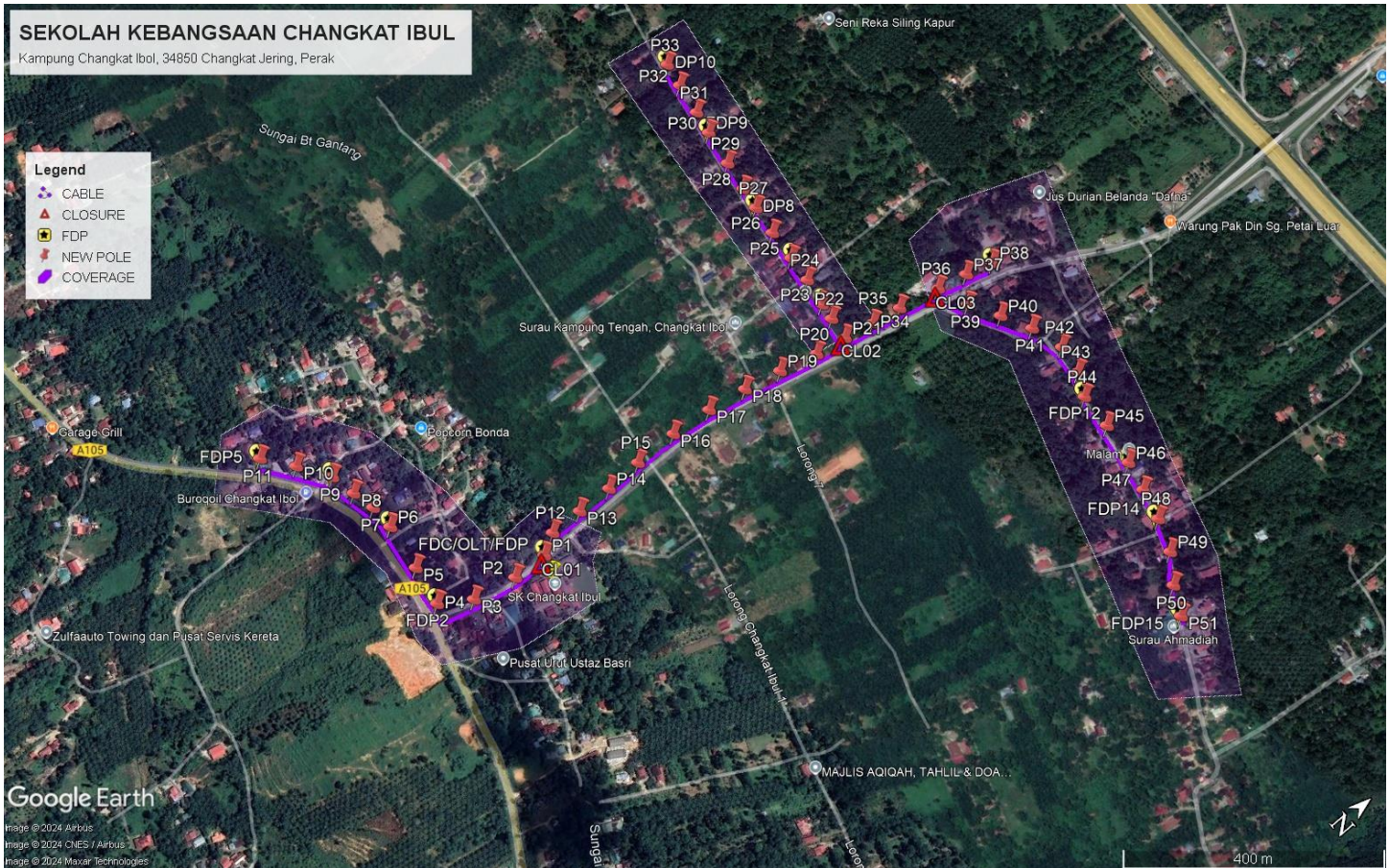
2.0 LOCAL AUTHORITY SUMMARY

Daerah Larut Matang

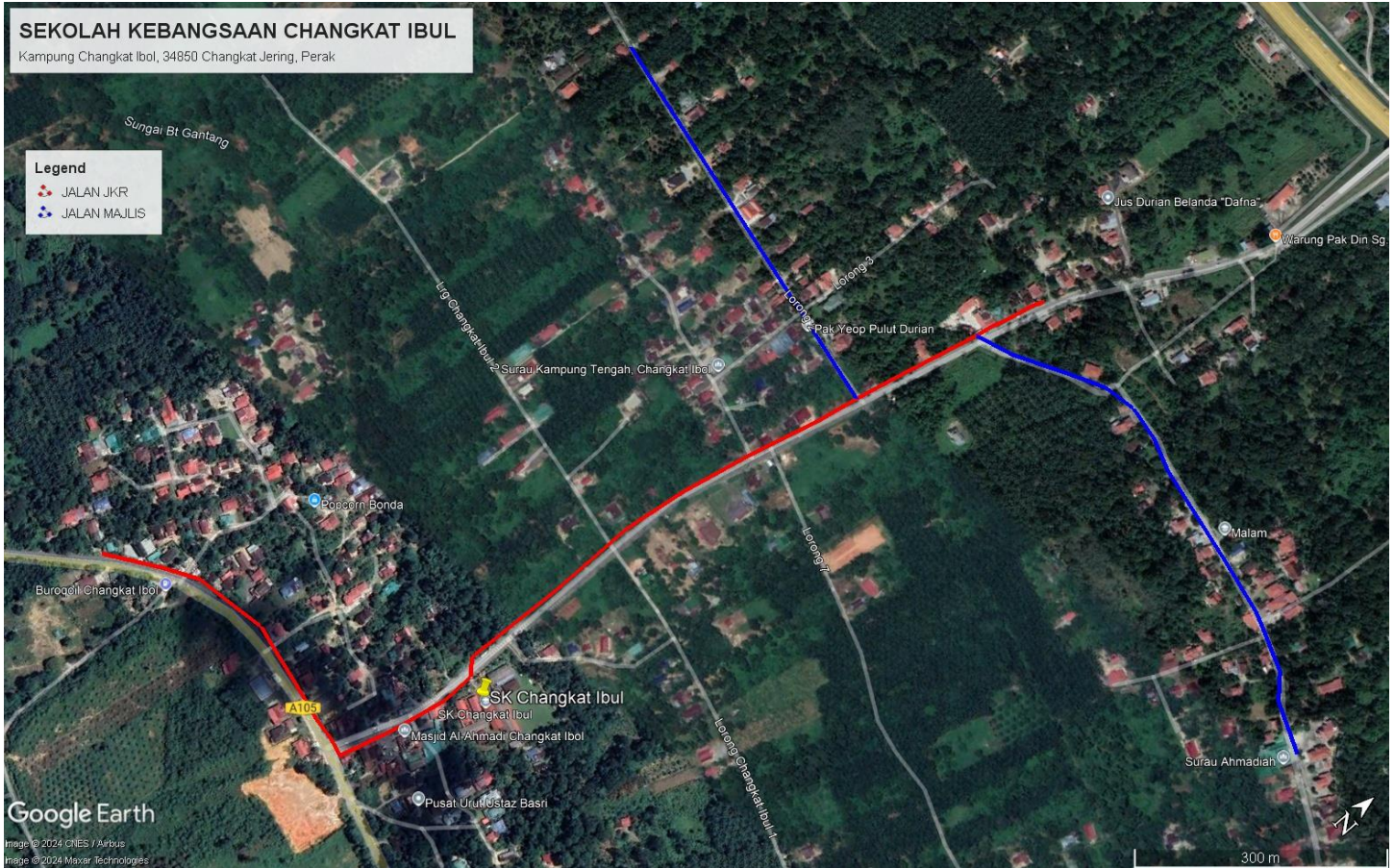
Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	26	1427m
		Majlis	25	1201m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				2628m

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	4.761271	100.741030	JKR Road
2	T002	45	4.760765	100.741005	JKR Road
3	T003	45	4.760137	100.740866	JKR Road
4	T004	45	4.759712	100.740582	JKR Road
5	T005	45	4.759801	100.740004	JKR Road
6	T006	45	4.759895	100.739336	JKR Road
7	T007	45	4.759880	100.738971	JKR Road
8	T008	45	4.759797	100.738638	JKR Road
9	T009	45	4.759710	100.738266	JKR Road
10	T010	45	4.759416	100.737816	JKR Road
11	T011	45	4.759100	100.737408	JKR Road
12	T012	45	4.761562	100.740864	JKR Road
13	T013	45	4.762042	100.740877	JKR Road
14	T014	45	4.762560	100.740900	JKR Road
15	T015	45	4.763105	100.740884	JKR Road
16	T016	45	4.763745	100.740896	JKR Road
17	T017	45	4.764350	100.740964	JKR Road
18	T018	45	4.764924	100.741069	JKR Road
19	T019	45	4.765469	100.741193	JKR Road
20	T020	45	4.766021	100.741344	JKR Road
21	T021	45	4.766478	100.741428	JKR Road
22	T022	45	4.766512	100.741098	Majlis Daerah Road
23	T023	45	4.766538	100.740853	Majlis Daerah Road
24	T024	45	4.766609	100.740453	Majlis Daerah Road
25	T025	45	4.766638	100.740066	Majlis Daerah Road
26	T026	45	4.766672	100.739615	Majlis Daerah Road
27	T027	45	4.766725	100.739187	Majlis Daerah Road
28	T028	45	4.766765	100.738859	Majlis Daerah Road
29	T029	45	4.766837	100.738432	Majlis Daerah Road
30	T030	45	4.766919	100.737919	Majlis Daerah Road
31	T031	45	4.766978	100.737579	Majlis Daerah Road
32	T032	45	4.767047	100.737123	Majlis Daerah Road
33	T033	45	4.767101	100.736778	Majlis Daerah Road
34	T034	45	4.766920	100.741523	JKR Road
35	T035	45	4.767348	100.741609	JKR Road
36	T036	45	4.767944	100.741751	JKR Road
37	T037	45	4.768378	100.741855	JKR Road
38	T038	45	4.768767	100.741969	JKR Road
39	T039	45	4.768100	100.742195	Majlis Daerah Road
40	T040	45	4.768343	100.742616	Majlis Daerah Road

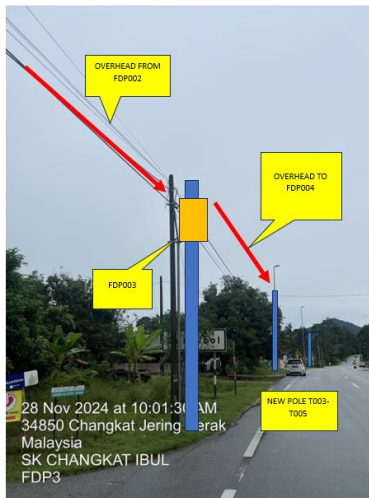
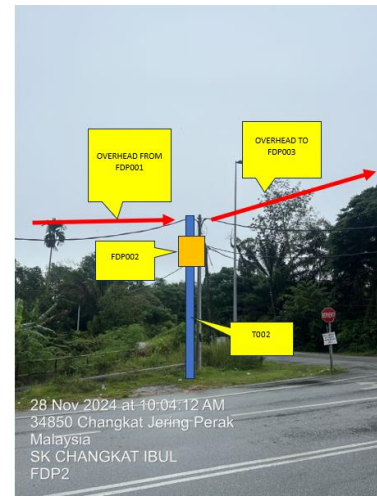
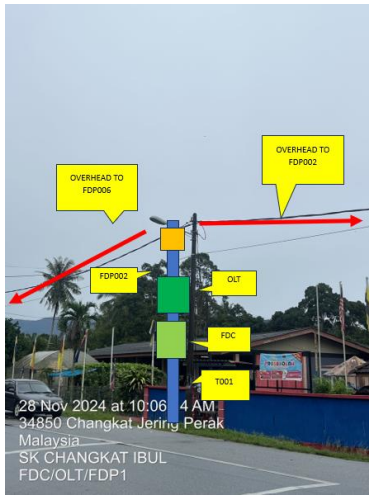


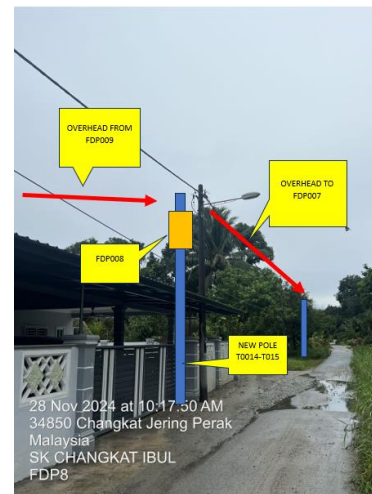
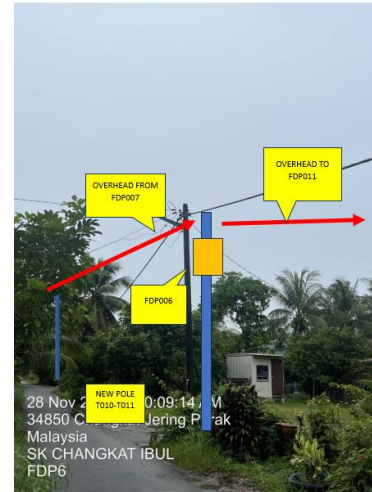
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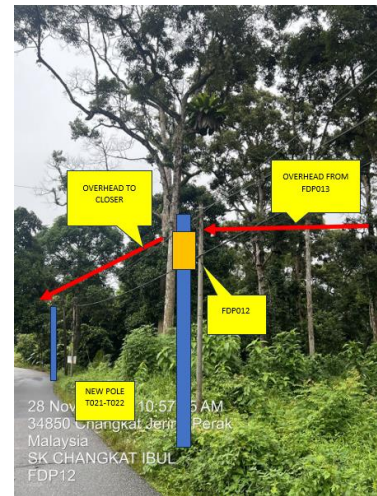
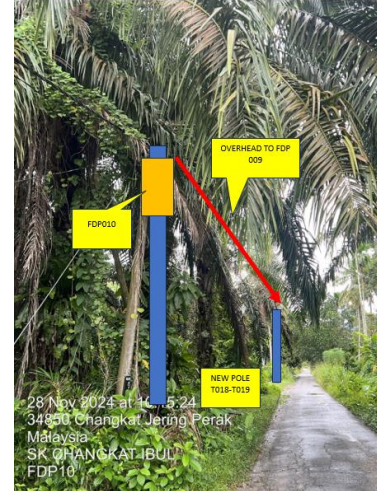


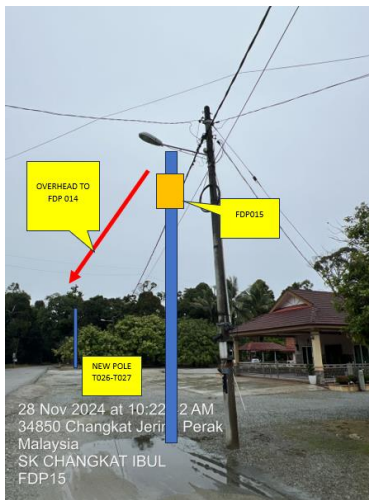
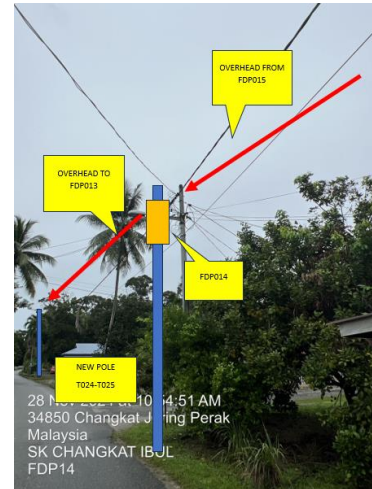
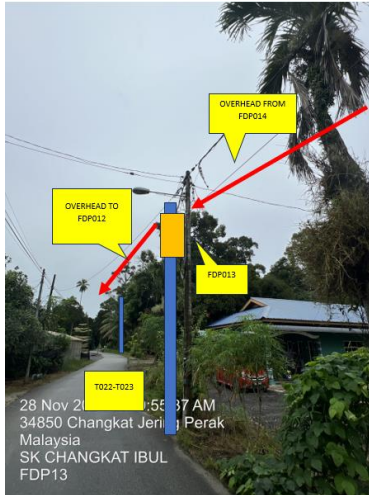
41	T041	45	4.768567	100.743040	Majlis Daerah Road
42	T042	45	4.768709	100.743515	Majlis Daerah Road
43	T043	45	4.768649	100.743925	Majlis Daerah Road
44	T044	45	4.768487	100.744249	Majlis Daerah Road
45	T045	45	4.768461	100.744757	Majlis Daerah Road
46	T046	45	4.768355	100.745351	Majlis Daerah Road
47	T047	45	4.768263	100.745772	Majlis Daerah Road
48	T048	45	4.768150	100.746209	Majlis Daerah Road
49	T049	45	4.767967	100.746658	Majlis Daerah Road
50	T050	45	4.767695	100.747038	Majlis Daerah Road
51	T051	45	4.767488	100.747423	Majlis Daerah Road

5.0 SITE PHOTOS - PROPOSED NEW POLE









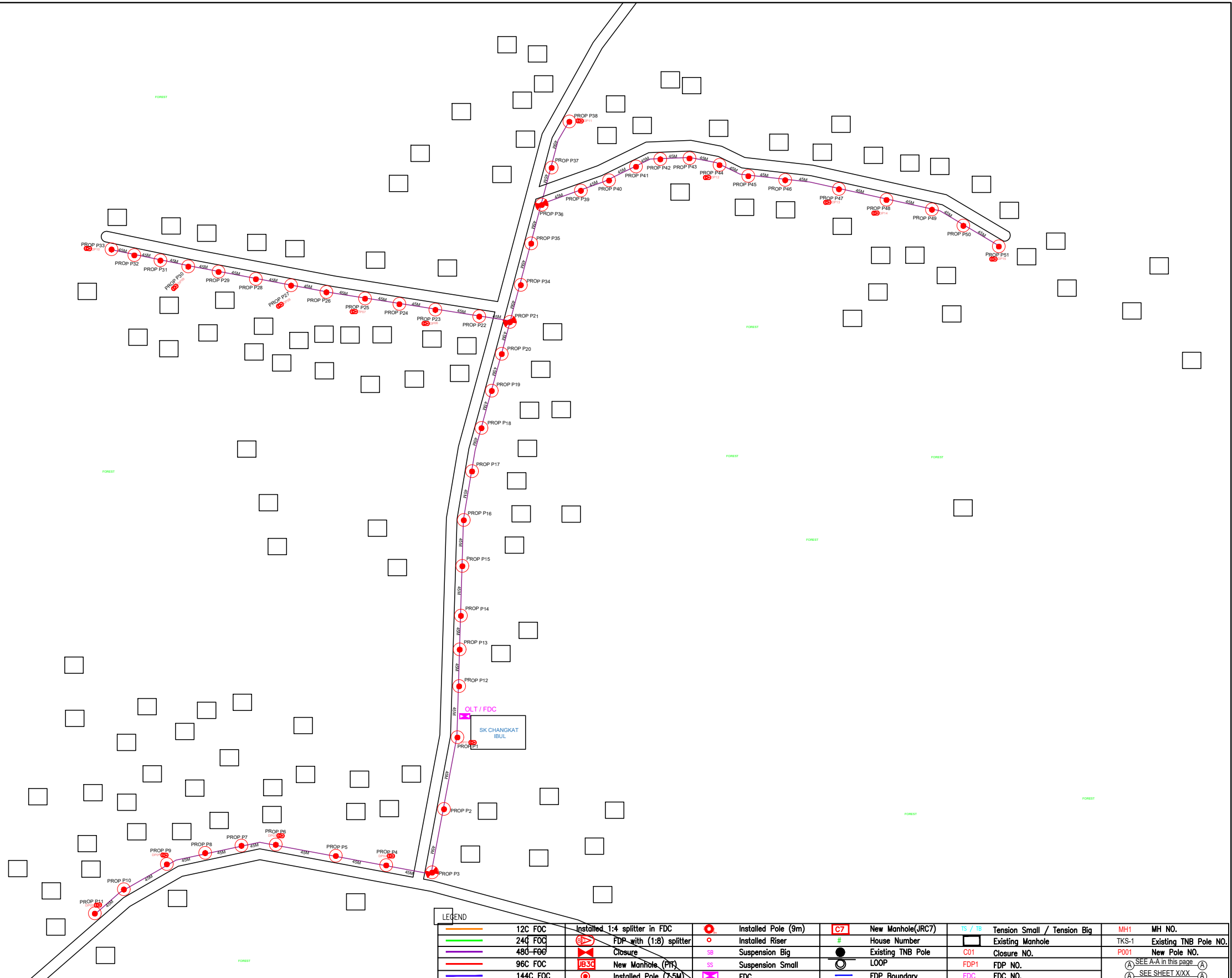


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6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Larut Matang	2628m



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

KEY PLAN :

PROJECT OWNER :



KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR



APPEX COMMUNICATIONS SDN BHD
187475-V



PRIVASAT

SUB-CONTRACTOR :



ARCHWAY MAPPING SERVICES SDN BHD
No 48 Jalan TU 394, Taman Tasik Utama,
75450 Ayer Keroh, Melaka

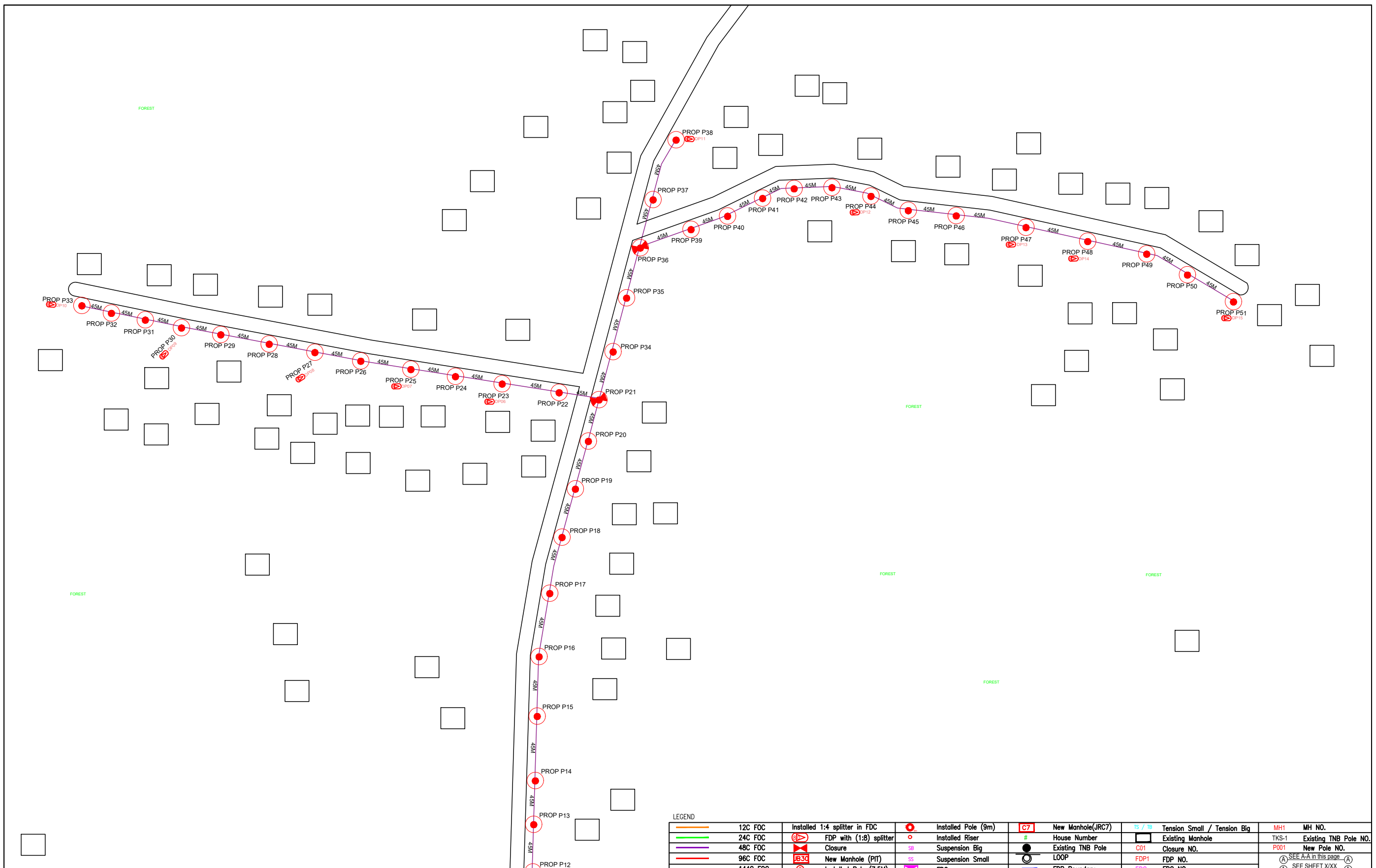
Tel: 606-233 9165 Fax: 606-233 9162
Email : info@archwaymalaysia.com
Website : www.archwaymalaysia.com

PROJECT TITLE:
PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK CHANGKAT IBUL) TO PREMISES PASS AREA

DRAWING TITLE:
SK CHANGKAT IBUL

PROJECT PHASE:
PROJECT PHASE

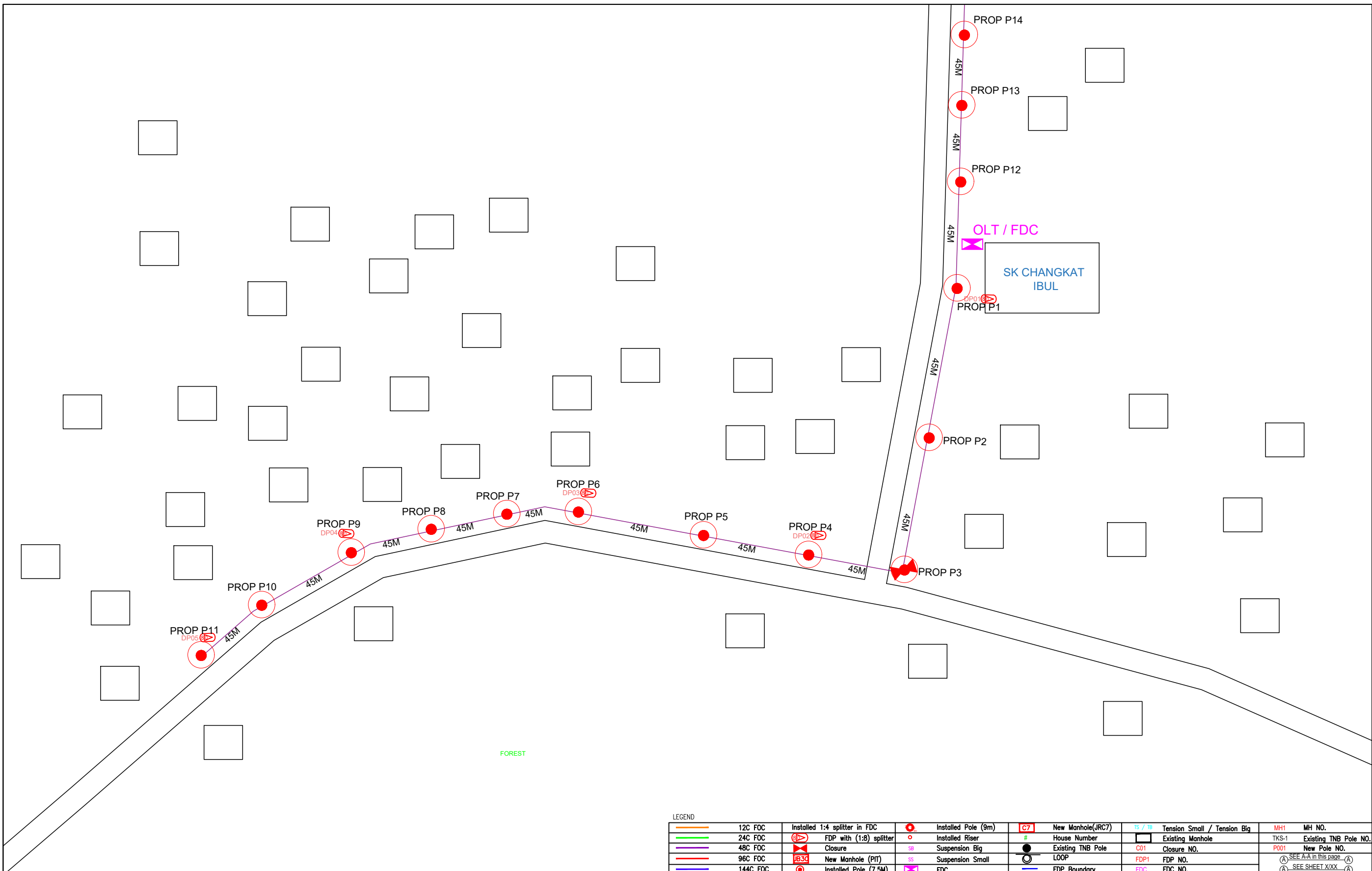
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LEGEND

	12C FOC		Installed 1:4 splitter in FDC		Installed Pole (9m)		New Manhole(JRC7)		T5 / T8 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		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 (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 CHANGKAT IBUL)TO PREMISES PASS AREA	DRAWING TITLE: SK CHANGKAT IBUL	Design By : ENGINEER	Date : DATE
					PROJECT PHASE: PROJECT PHASE	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		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		Closure NO.		P001	New Pole NO.
	96C FOC		New Manhole (PIT)		Suspension Small		LOOP		FDP NO.		(A)	SEE A-A in this page
	144C FOC		Installed Pole (7.5M)		FDC		FDP Boundary		FDC NO.		(A)	SEE SHEET XXX

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 CHANGKAT IBUL) TO PREMISES PASS AREA	DRAWING TITLE: SK CHANGKAT IBUL	Design By : ENGINEER	Date : DATE
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