



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 AEA6060 SEKOLAH MENENGAH KEBANGSAAN KUBU GAJAH (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 : KUBU GAJAH
 Address : SMK KUBU GAJAH
 District : SELAMA
 Postcode : 34130
 State : PERAK
 GPS Coordinate : 5.158488, 100.681189
 LRD : A

End Point

Site / Boundary Name : KUBU GAJAH
 Address : LORONG 6,KUBU GAJAH, PERAK
 District : SELAMA
 Postcode : 34130
 State : PERAK
 GPS Coordinate : 5.164770,100.676203
 LRD : B



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1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	134
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	6
4	Micro Trenching (MT)	m	0
Total			140

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	2721
2	Install New Pole	ea	74
3	Install New JRC7 Manhole	ea	2
4	Install GI Riser 100mm	m	12
5	Install Fiber Distribution Point	ea	17
6	Install Closure	ea	5
7	Estimated Time Required for Completion	days	21

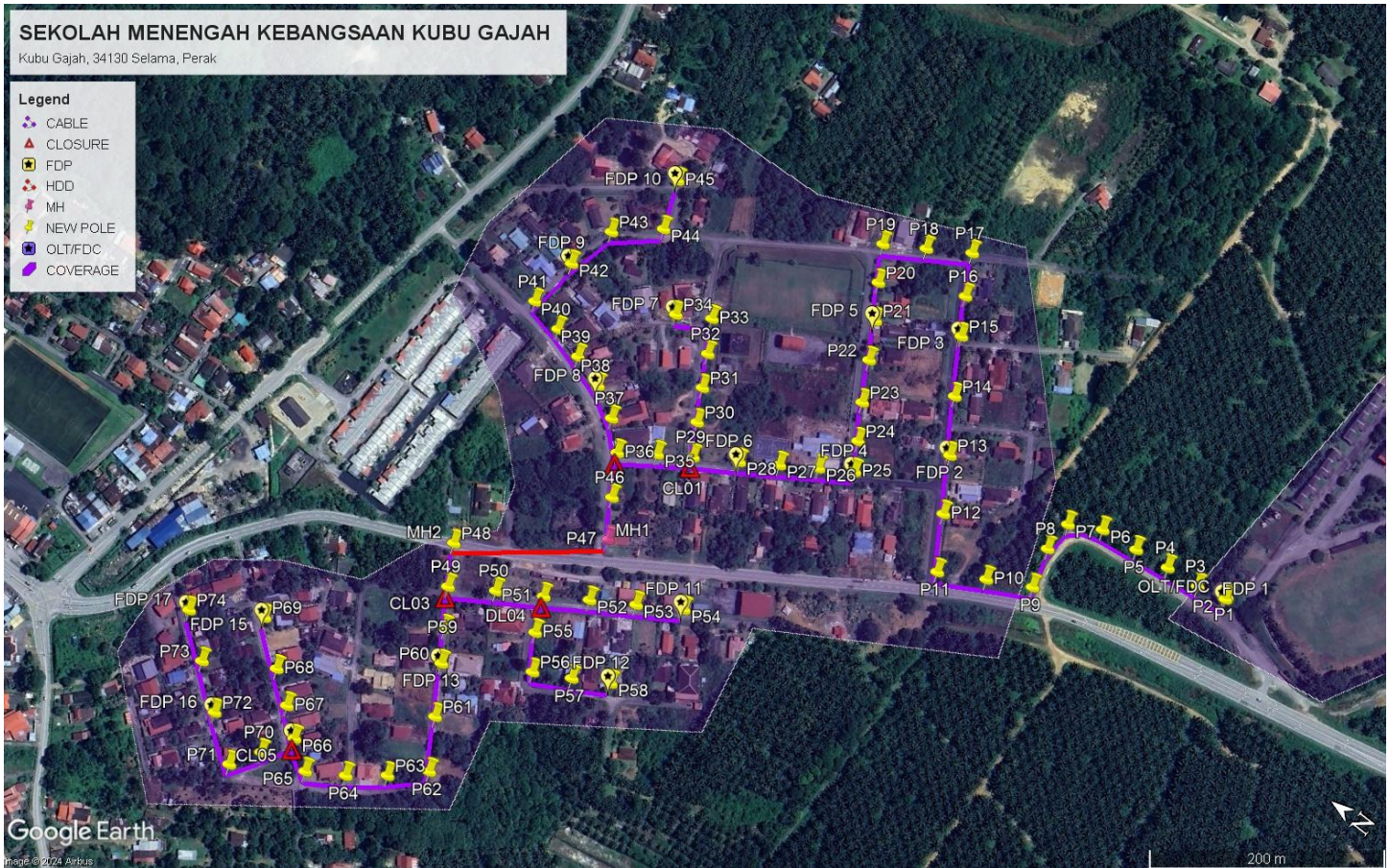
2.0 LOCAL AUTHORITY SUMMARY

Daerah Selama

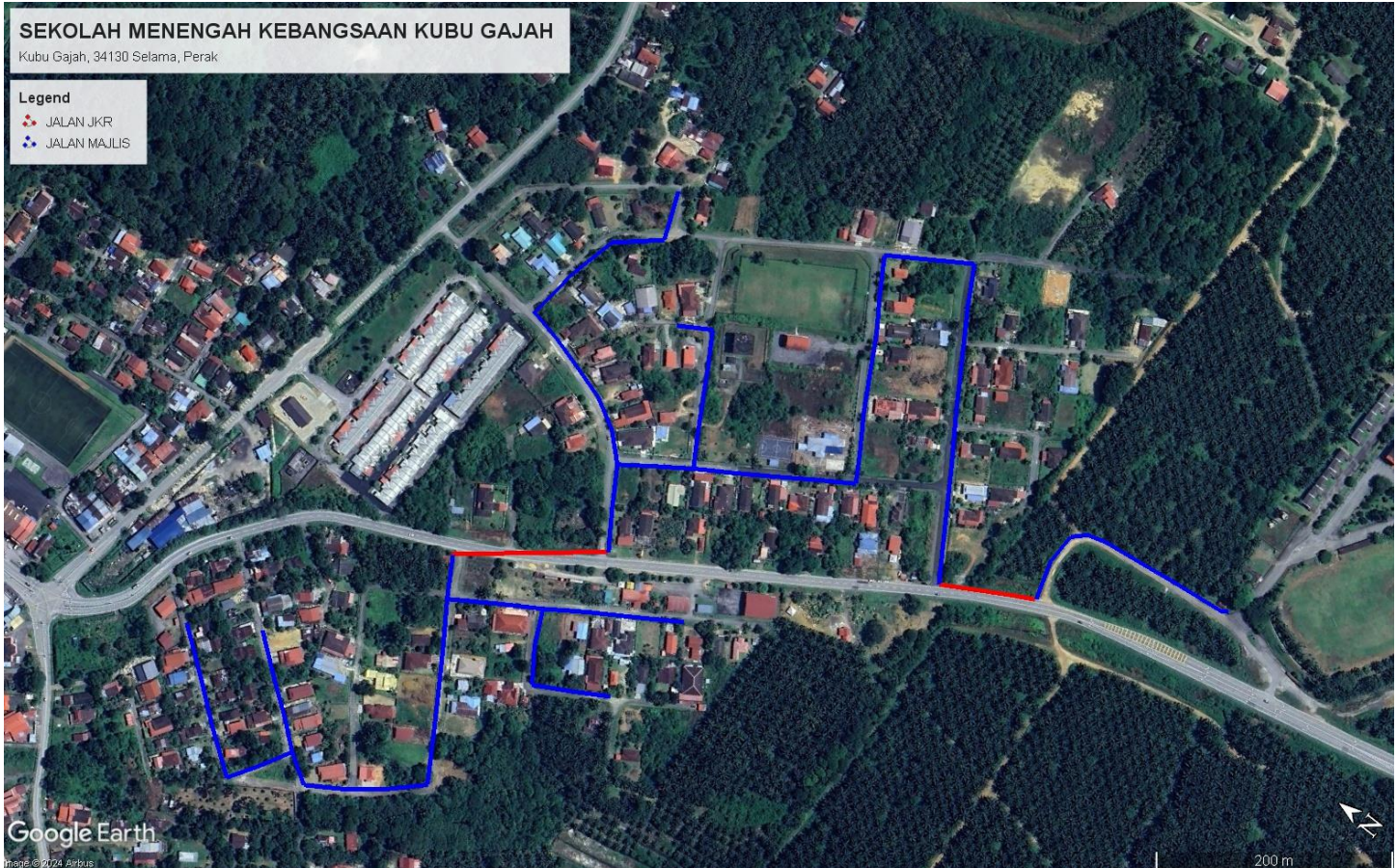
Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	1	140
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	4	82m
		Majlis	70	2499m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				2721m

3.0 SITE PLAN (KMZ)

3.1 Overview Site Area



3.2 Site Plan - KMZ Routing (All Local Authority)



Red Colour – JKR Road

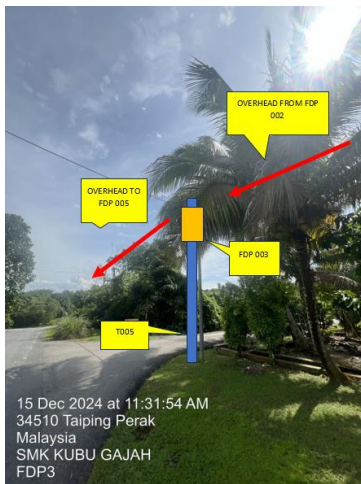
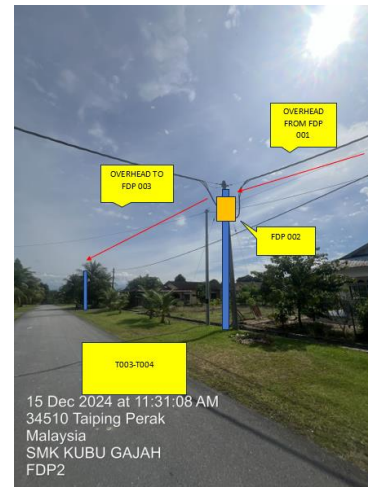
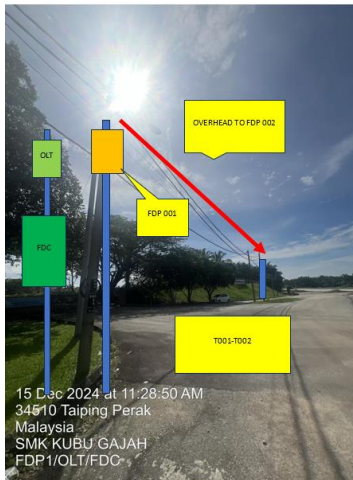
Blue Colour - Majlis Road

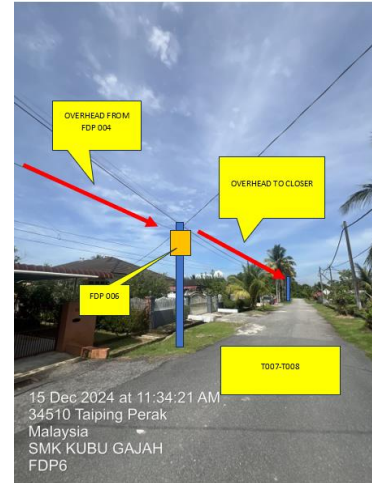
4.0 PROPOSED NEW POLE FDP

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	0	5.158488	100.681189	Majlis Daerah Road
2	T002	40	5.158486	100.681168	Majlis Daerah Road
3	T003	40	5.158713	100.681117	Majlis Daerah Road
4	T004	40	5.158982	100.681091	Majlis Daerah Road
5	T005	40	5.159257	100.681054	Majlis Daerah Road
6	T006	40	5.159555	100.681018	Majlis Daerah Road
7	T007	40	5.159792	100.680887	Majlis Daerah Road
8	T008	40	5.159804	100.680639	Majlis Daerah Road
9	T009	40	5.159720	100.680331	JKR Road
10	T010	40	5.160039	100.680160	JKR Road
11	T011	40	5.160373	100.679974	JKR Road
12	T012	40	5.160605	100.680362	Majlis Daerah Road
13	T013	40	5.160837	100.680755	Majlis Daerah Road
14	T014	40	5.161085	100.681147	Majlis Daerah Road
15	T015	40	5.161326	100.681555	Majlis Daerah Road
16	T016	40	5.161489	100.681827	Majlis Daerah Road
17	T017	40	5.161652	100.682132	Majlis Daerah Road
18	T018	40	5.161958	100.681941	Majlis Daerah Road
19	T019	40	5.162248	100.681761	Majlis Daerah Road
20	T020	40	5.162094	100.681496	Majlis Daerah Road
21	T021	40	5.161932	100.681241	Majlis Daerah Road
22	T022	40	5.161784	100.680965	Majlis Daerah Road
23	T023	40	5.161627	100.680669	Majlis Daerah Road
24	T024	40	5.161469	100.680407	Majlis Daerah Road
25	T025	40	5.161348	100.680200	Majlis Daerah Road
26	T026	40	5.161586	100.680051	Majlis Daerah Road
27	T027	40	5.161842	100.679885	Majlis Daerah Road
28	T028	40	5.162103	100.679714	Majlis Daerah Road
29	T029	40	5.162411	100.679524	Majlis Daerah Road
30	T030	40	5.162550	100.679758	Majlis Daerah Road
31	T031	40	5.162681	100.679997	Majlis Daerah Road
32	T032	40	5.162810	100.680234	Majlis Daerah Road
33	T033	40	5.162952	100.680473	Majlis Daerah Road
34	T034	40	5.163196	100.680326	Majlis Daerah Road
35	T035	40	5.162644	100.679370	Majlis Daerah Road
36	T036	40	5.162896	100.679189	Majlis Daerah Road
37	T037	40	5.163094	100.679375	Majlis Daerah Road
38	T038	40	5.163335	100.679511	Majlis Daerah Road

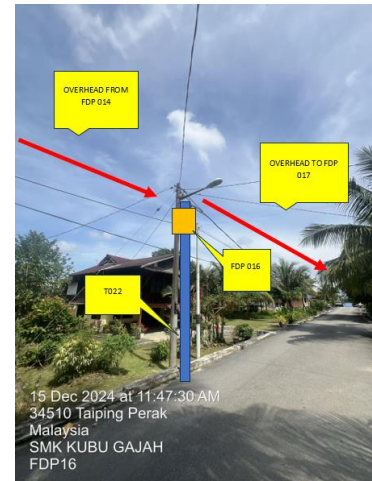
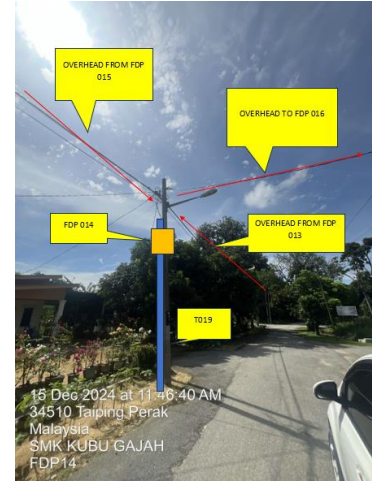
39	T039	40	5.163598	100.679596	Majlis Daerah Road
40	T040	40	5.163853	100.679672	Majlis Daerah Road
41	T041	40	5.164130	100.679734	Majlis Daerah Road
42	T042	40	5.164086	100.680145	Majlis Daerah Road
43	T043	40	5.163993	100.680535	Majlis Daerah Road
44	T044	40	5.163682	100.680803	Majlis Daerah Road
45	T045	40	5.163830	100.681176	Majlis Daerah Road
46	T046	40	5.162717	100.678890	Majlis Daerah Road
47	T047	40	5.162538	100.678615	Majlis Daerah Road
48	T048	40	5.163470	100.677860	JKR Road
49	T049	40	5.163299	100.677569	Majlis Daerah Road
50	T050	40	5.162985	100.677769	Majlis Daerah Road
51	T051	40	5.162668	100.677963	Majlis Daerah Road
52	T052	40	5.162369	100.678157	Majlis Daerah Road
53	T053	40	5.162063	100.678348	Majlis Daerah Road
54	T054	40	5.161750	100.678545	Majlis Daerah Road
55	T055	40	5.162550	100.677703	Majlis Daerah Road
56	T056	40	5.162380	100.677452	Majlis Daerah Road
57	T057	40	5.162111	100.677598	Majlis Daerah Road
58	T058	40	5.161850	100.677752	Majlis Daerah Road
59	T059	40	5.163122	100.677301	Majlis Daerah Road
60	T060	40	5.162976	100.677074	Majlis Daerah Road
61	T061	40	5.162764	100.676724	Majlis Daerah Road
62	T062	40	5.162542	100.676368	Majlis Daerah Road
63	T063	40	5.162777	100.676148	Majlis Daerah Road
64	T064	40	5.163030	100.675952	Majlis Daerah Road
65	T065	40	5.163296	100.675787	Majlis Daerah Road
66	T066	40	5.163516	100.675932	Majlis Daerah Road
67	T067	40	5.163718	100.676092	Majlis Daerah Road
68	T068	40	5.163955	100.676265	Majlis Daerah Road
69	T069	40	5.164275	100.676515	Majlis Daerah Road
70	T070	40	5.163652	100.675693	Majlis Daerah Road
71	T071	40	5.163791	100.675472	Majlis Daerah Road
72	T072	40	5.164126	100.675712	Majlis Daerah Road
73	T073	40	5.164448	100.675958	Majlis Daerah Road
74	T074	40	5.164770	100.676203	Majlis Daerah Road

5.0 SITE PHOTOS - PROPOSED NEW POLE











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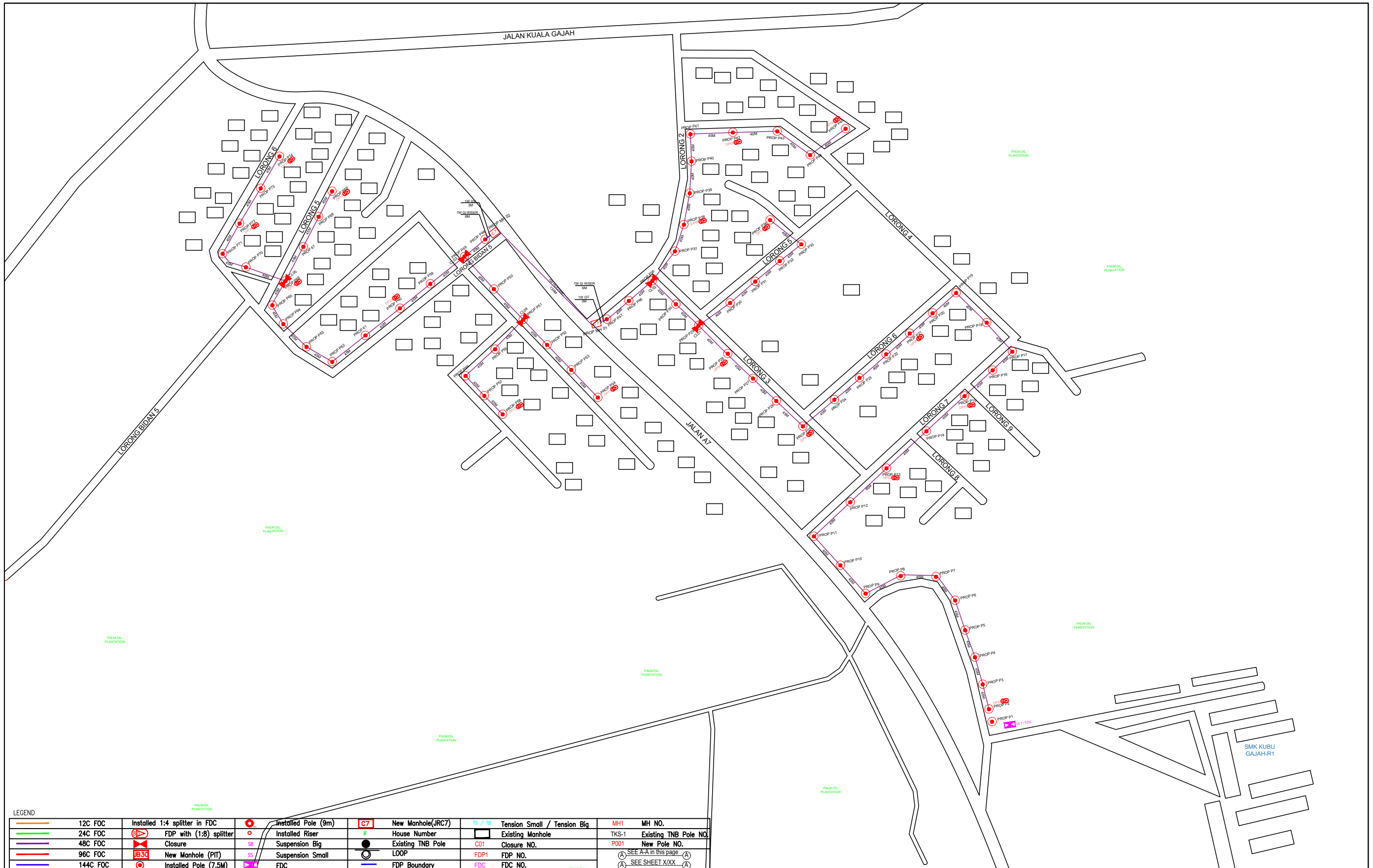


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6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Selama	2721m



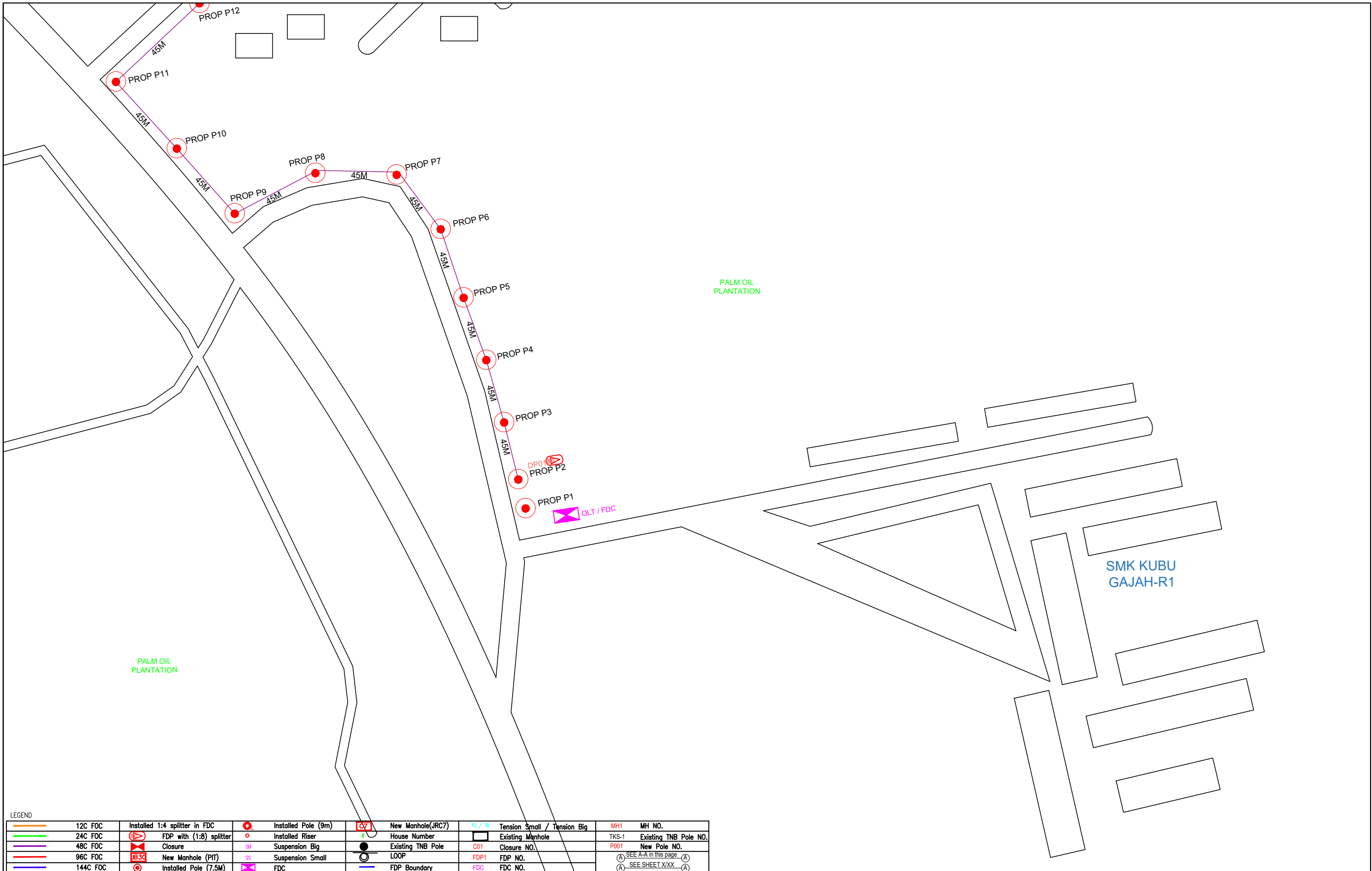
LEGEND									
	12C FOC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big		MH NO.
	24C FOC		Installed Riser		House Number		Existing Manhole		Existing TNB Pole NO.
	48C FOC		FDP with (1:8) splitter		Suspension Big		Existing TNB Pole		Closure NO.
	96C FOC		Closure		Suspension Small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

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: PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SMK KUBU GAJAH-R1) TO PREMISES PASS AREA	DRAWING TITLE: SMK KUBU GAJAH-R1 PROJECT PHASE: PROJECT PHASE	Design By : ENGINEER Date : DATE Drawn By : CAD ENGINEER Scale : NTS Checked By : ENGINEER Job Number : JOB/NUMBER DRAWING NUMBER : DRAWING/NUMBER THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF ALLO TECHNOLOGY SDN BHD	Sheet : 1/1 Size : A3
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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		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

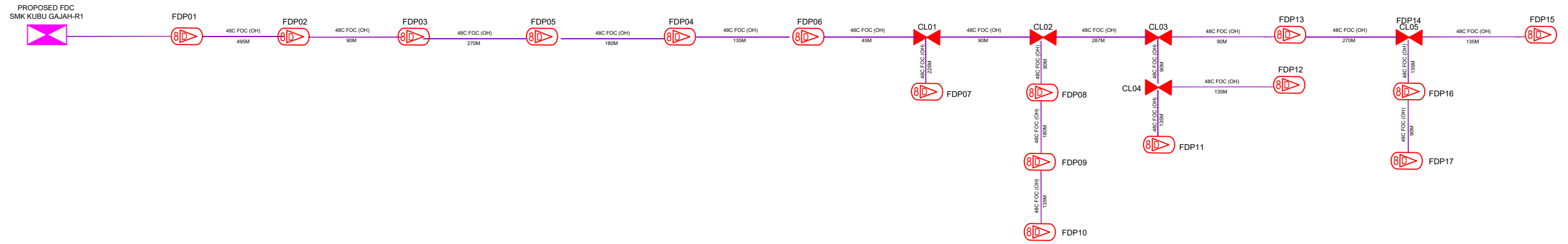
KEY PLAN :	PROJECT OWNER : 	MAIN CONTRACTOR : 	SUB-CONTRACTOR : ARCHWAY MAPPING SERVICES SDN BHD No 48 Jalan TU 39A, Taman Tasik Utama, 75450 Ayer Keroh, Melaka Tel: 606-233 9165 Fax: 606-233 9162 Email : info@archwaymalaysia.com Website : www.archwaymalaysia.com	PROJECT TITLE: PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SMK KUBU GAJAH-R1) TO PREMISES PASS AREA	DRAWING TITLE: SMK KUBU GAJAH-R1	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)	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 XXXX (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 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 (SMK KUBU GAJAH-R1) TO PREMISES PASS AREA	DRAWING TITLE: SMK KUBU GAJAH-R1	Design By : ENGINEER	Date : DATE
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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 :



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:
PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SMK KUBU GAJAH-R1) TO PREMISES PASS AREA

DRAWING TITLE:
D-SIDE – SMK KUBU GAJAH-R1

PROJECT PHASE:
PROJECT PHASE

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