

# TECHNICAL PROPOSAL

## ABA3004 SEKOLAH KEBANGSAAN CHANGKAT LOBAK (D-SIDE)

**Company Name** : KAZAKON SDN BHD  
**Company Address** : NO11, JALAN TTDI GROVE 7/1, TAMAN TTDI GROVE, 43000, KAJANG  
**Prepared By** : MOHAMAD SYAFIQ BIN MOHD SALLEH  
**Date** : 9 SEPT 2024



**Point A**



**Point B**

### Starting Point

**Site / Boundary Name** : SK CHANGKAT LOBAK  
**Address** : KAMPONG CHANGKAT LOBAK  
**Perak District** : BAGAN SERAI  
**Postcode** : 34310  
**State** : PERAK  
**GPS Coordinate** : 5.128922,100.6323  
**LRD** : A

### End Point

**Site / Boundary Name** : ALOR PONGSU  
**Address** : JLN SELAMA - ALOR PONGSU  
**District** : BAGAN SERAI  
**Postcode** : 34300  
**State** : PERAK  
**GPS Coordinate** : 5.119692,100.6162  
**LRD** : B



SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE FOR ALLO TECHNOLOGY SDN BHD POP 2 PROJECT (D-SIDE) - PMU KMTG FOR ABA3004 - SEKOLAH KEBANGSAAN CHANGKAT LOBAK



## 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	3045
2	Install New Pole	ea	86
3	Install New JRC7 Manhole	ea	0
4	Install GI Riser 100mm	ea	0
5	Install Fiber Distribution Point	ea	13
6	Closure (Splicing, Termination and Testing)	ea	1
7	Estimated Time Required for Completion	days	45



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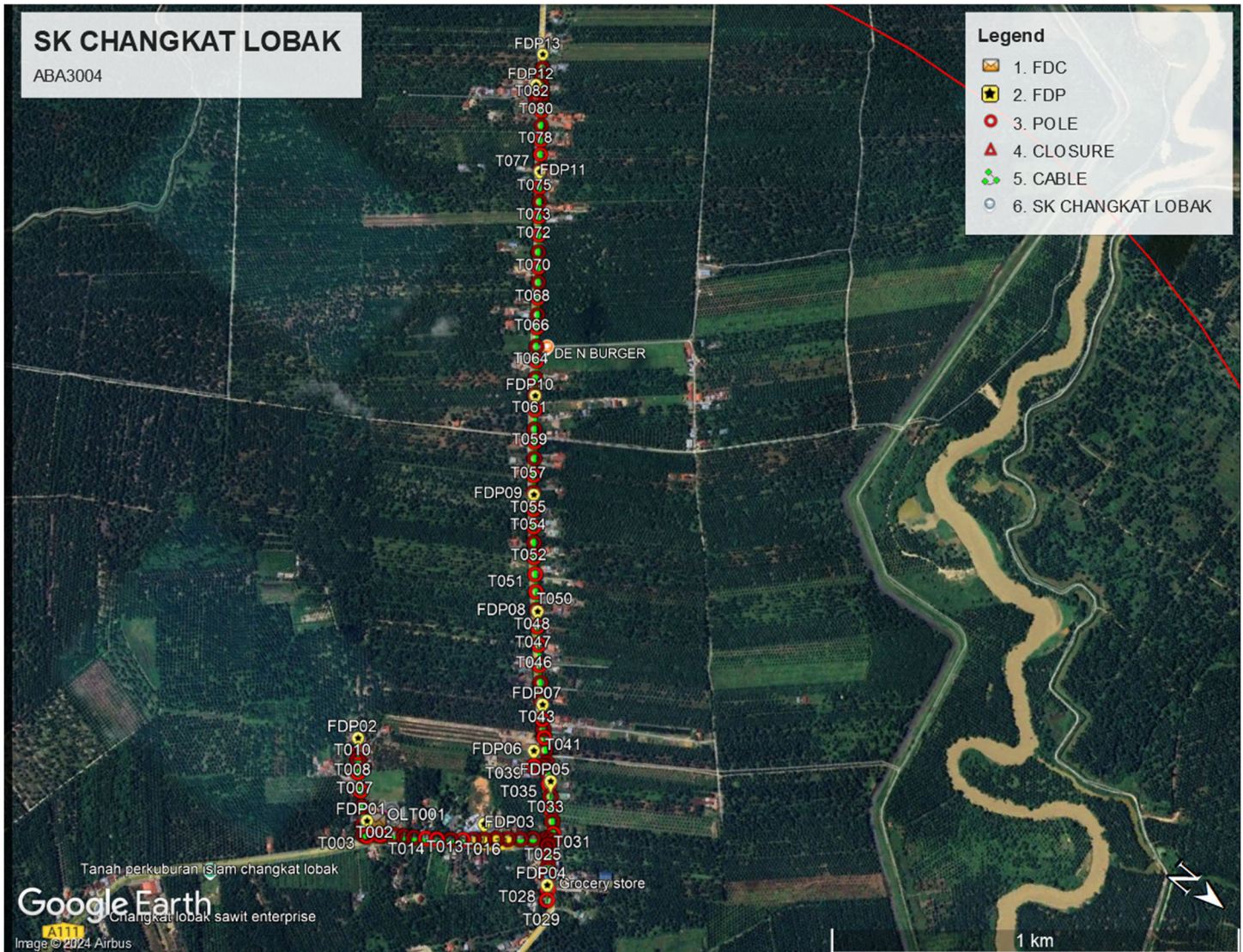


## 2.0 LOCAL AUTHORITY SUMMARY

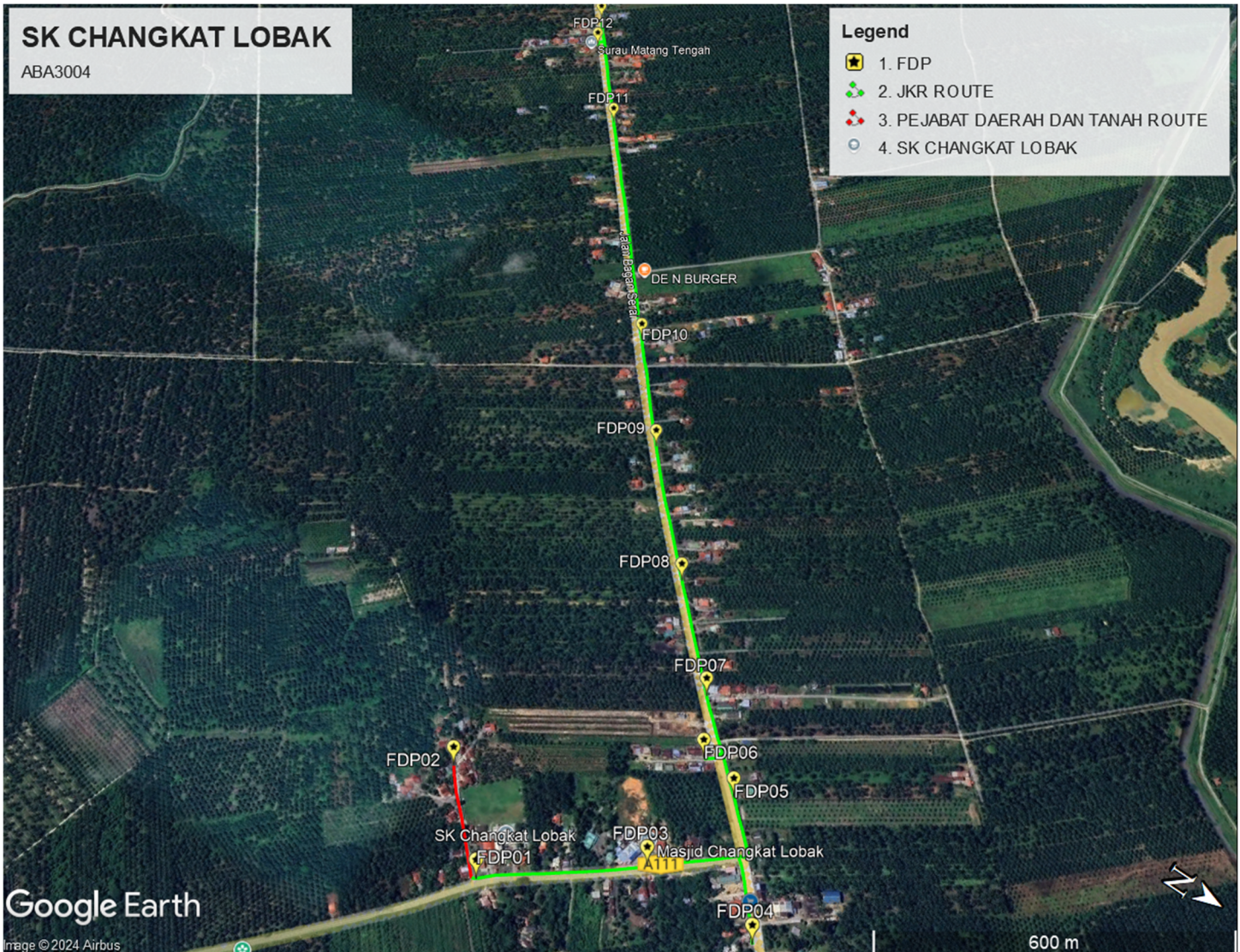
NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	-	-
		Majlis	-	-
		Pejabat Daerah & Tanah	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	79	2,300
		Majlis	-	-
		Pejabat Daerah & Tanah	7	210
		Estate / Private Land	-	-
<b>Total Distance (m)</b>				<b>2,510</b>

### 3.0 SITE PLAN (KMZ)

#### 3.1 Overview Site Area



3.2 Site Plan - KMZ Routing (All Local Authority)



**Green Colour - Jkr**  
**Red - Pejabat Tanah & Daerah**



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#### 4 PROPOSED NEW MANHOLE

Proposed New Manhole Coordinate					
No.	Manhole Number	Distance (m)	Latitude	Longitude	Local Authority
1	-	-	-	-	-
2	-	-	-	-	-

#### 5 PROPOSED NEW POLE

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	10	5.128923	100.632385	JKR LARUT MATANG SELAMA
2	T002	38	5.128664	100.632597	JKR LARUT MATANG SELAMA
3	T003	34	5.128446	100.632803	JKR LARUT MATANG SELAMA
4	T004	10	5.128384	100.632834	PEJABAT DAERAH & TANAH LARUT MATANG SELAMA
5	T005	24	5.128225	100.632685	PEJABAT DAERAH & TANAH LARUT MATANG SELAMA
6	T006	45	5.127938	100.632405	PEJABAT DAERAH & TANAH LARUT MATANG SELAMA
7	T007	40	5.127682	100.632149	PEJABAT DAERAH & TANAH LARUT MATANG SELAMA
8	T008	45	5.127378	100.631878	PEJABAT DAERAH & TANAH LARUT MATANG SELAMA
9	T009	32	5.127186	100.631668	PEJABAT DAERAH & TANAH LARUT MATANG SELAMA
10	T010	18	5.127087	100.631550	PEJABAT DAERAH & TANAH LARUT MATANG SELAMA
11	T011	24	5.129098	100.632277	JKR LARUT MATANG SELAMA
12	T012	24	5.129282	100.632153	JKR LARUT MATANG SELAMA
13	T013	31	5.129501	100.631995	JKR LARUT MATANG SELAMA
14	T014	30	5.129707	100.631849	JKR LARUT MATANG SELAMA
15	T015	33	5.129952	100.631662	JKR LARUT MATANG SELAMA
16	T016	32	5.130165	100.631487	JKR LARUT MATANG SELAMA
17	T017	25	5.130344	100.631338	JKR LARUT MATANG SELAMA
18	T018	27	5.130526	100.631190	JKR LARUT MATANG SELAMA
19	T019	29	5.130728	100.631005	JKR LARUT MATANG SELAMA
20	T020	31	5.130932	100.630835	JKR LARUT MATANG SELAMA
21	T021	32	5.131150	100.630659	JKR LARUT MATANG SELAMA
22	T022	30	5.131363	100.630476	JKR LARUT MATANG SELAMA
23	T023	36	5.131601	100.630268	JKR LARUT MATANG SELAMA
24	T024	17	5.131723	100.630373	JKR LARUT MATANG SELAMA
25	T025	30	5.131888	100.630560	JKR LARUT MATANG SELAMA
26	T026	23	5.132021	100.630736	JKR LARUT MATANG SELAMA

**Proposed New Pole Coordinate**

No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
27	T027	25	5.132161	100.630900	JKR LARUT MATANG SELAMA
28	T028	29	5.132325	100.631106	JKR LARUT MATANG SELAMA
29	T029	27	5.132457	100.631295	JKR LARUT MATANG SELAMA
30	T030	18	5.131752	100.630215	JKR LARUT MATANG SELAMA
31	T031	18	5.131643	100.630099	JKR LARUT MATANG SELAMA
32	T032	32	5.131454	100.629904	JKR LARUT MATANG SELAMA
33	T033	27	5.131270	100.629723	JKR LARUT MATANG SELAMA
34	T034	33	5.131072	100.629516	JKR LARUT MATANG SELAMA
35	T035	30	5.130872	100.629332	JKR LARUT MATANG SELAMA
36	T036	25	5.130718	100.629173	JKR LARUT MATANG SELAMA
37	T037	30	5.130531	100.628994	JKR LARUT MATANG SELAMA
38	T038	31	5.130323	100.628801	JKR LARUT MATANG SELAMA
39	T039	33	5.130126	100.628601	JKR LARUT MATANG SELAMA
40	T040	20	5.129987	100.628473	JKR LARUT MATANG SELAMA
41	T041	26	5.129830	100.628317	JKR LARUT MATANG SELAMA
42	T042	44	5.129553	100.628017	JKR LARUT MATANG SELAMA
43	T043	47	5.129268	100.627712	JKR LARUT MATANG SELAMA
44	T044	44	5.128994	100.627421	JKR LARUT MATANG SELAMA
45	T045	51	5.128681	100.627077	JKR LARUT MATANG SELAMA
46	T046	47	5.128393	100.626775	JKR LARUT MATANG SELAMA
47	T047	43	5.128134	100.626495	JKR LARUT MATANG SELAMA
48	T048	49	5.127851	100.626188	JKR LARUT MATANG SELAMA
49	T049	41	5.127578	100.625886	JKR LARUT MATANG SELAMA
50	T050	45	5.127304	100.625602	JKR LARUT MATANG SELAMA
51	T051	40	5.127078	100.625339	JKR LARUT MATANG SELAMA
52	T052	45	5.126838	100.625064	JKR LARUT MATANG SELAMA
53	T053	43	5.126574	100.624749	JKR LARUT MATANG SELAMA
54	T054	42	5.126315	100.624443	JKR LARUT MATANG SELAMA
55	T055	47	5.126059	100.624131	JKR LARUT MATANG SELAMA
56	T056	44	5.125811	100.623812	JKR LARUT MATANG SELAMA
57	T057	42	5.125565	100.623501	JKR LARUT MATANG SELAMA
58	T058	36	5.125363	100.623278	JKR LARUT MATANG SELAMA
59	T059	53	5.125072	100.622908	JKR LARUT MATANG SELAMA
60	T060	38	5.124834	100.622641	JKR LARUT MATANG SELAMA
61	T061	48	5.124592	100.622319	JKR LARUT MATANG SELAMA
62	T062	46	5.124337	100.621983	JKR LARUT MATANG SELAMA
63	T063	38	5.124110	100.621710	JKR LARUT MATANG SELAMA
64	T064	52	5.123827	100.621346	JKR LARUT MATANG SELAMA
65	T065	34	5.123631	100.621098	JKR LARUT MATANG SELAMA
66	T066	51	5.123374	100.620778	JKR LARUT MATANG SELAMA
67	T067	38	5.123131	100.620468	JKR LARUT MATANG SELAMA
68	T068	44	5.122891	100.620183	JKR LARUT MATANG SELAMA



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**Proposed New Pole Coordinate**

No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
69	T069	42	5.122641	100.619887	JKR LARUT MATANG SELAMA
70	T070	50	5.122376	100.619553	JKR LARUT MATANG SELAMA
71	T071	48	5.122075	100.619196	JKR LARUT MATANG SELAMA
72	T072	42	5.121842	100.618896	JKR LARUT MATANG SELAMA
73	T073	42	5.121611	100.618617	JKR LARUT MATANG SELAMA
74	T074	51	5.121328	100.618248	JKR LARUT MATANG SELAMA
75	T075	44	5.121082	100.617948	JKR LARUT MATANG SELAMA
76	T076	43	5.120850	100.617673	JKR LARUT MATANG SELAMA
77	T077	38	5.120620	100.617372	JKR LARUT MATANG SELAMA
78	T078	39	5.120385	100.617085	JKR LARUT MATANG SELAMA
79	T079	52	5.120121	100.616728	JKR LARUT MATANG SELAMA
80	T080	28	5.119946	100.616550	JKR LARUT MATANG SELAMA
81	T081	26	5.119814	100.616375	JKR LARUT MATANG SELAMA
82	T082	24	5.119692	100.616204	JKR LARUT MATANG SELAMA
83	T083	33	5.119502	100.615968	JKR LARUT MATANG SELAMA
84	T084	33	5.119340	100.615744	JKR LARUT MATANG SELAMA
85	T085	33	5.119160	100.615506	JKR LARUT MATANG SELAMA
86	T086	31	5.118989	100.615288	JKR LARUT MATANG SELAMA

**6 SITE PHOTOS - PROPOSED NEW POLE**

PROPOSED NEW POLE



PROPOSED NEW POLE



PROPOSED NEW POLE



PROPOSED NEW POLE



PROPOSED NEW POLE



PROPOSED NEW POLE



PROPOSED NEW POLE



PROPOSED NEW POLE



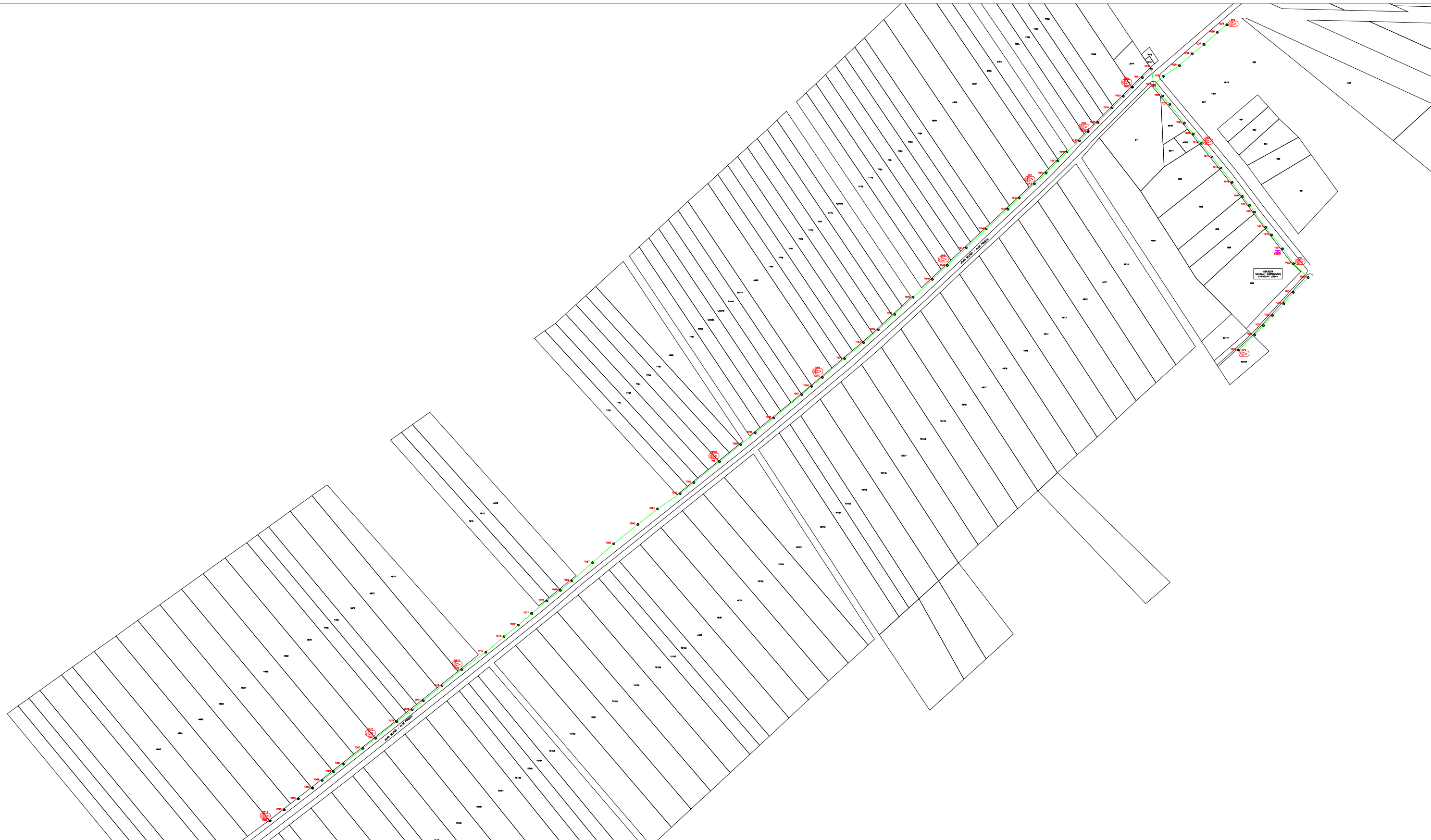


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## 7 3<sup>rd</sup> PARTIES DEPENDENCIES

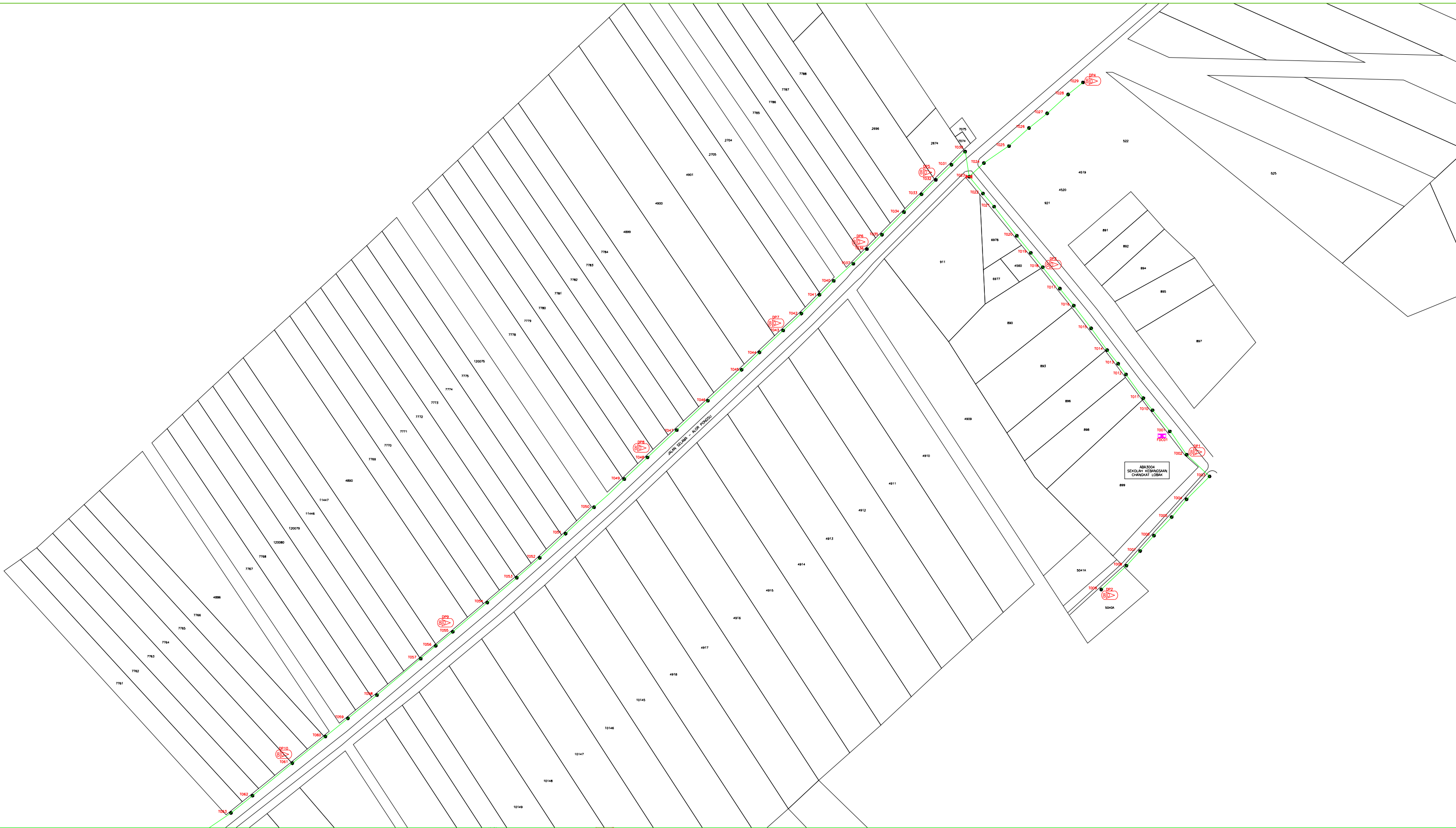
NO	LOCAL COUNCIL / AUTHORITY	REMARK
1.	PEJABAT DAERAH DAN TANAH LARUT MATANG DAN SELAMA	214 m
2.	JKR DAERAH LARUT MATANG DAN SELAMA	2831 m



	12C FOC	Installed 1:4 / 1:8 / 1:32 splitter		Installed Pole (9m)		Suspension		New Manhole (PIT)		Micro-Trenching (Meter)		MH NO.
	24C FOC	Installed Patch Cord		Installed Pole (7.5M)		Tension		New Manhole(JRC7)		Temporary Infra (Meter)		Existing TNB Pole NO.
	48C FOC	FDC		Installed Pole (6.7M)		Pole Ring		FDP Boundary		Loop / Coil (Meter)		New Pole NO.
	96C FOC	Closure		Existing TNB Pole		FDP with (1:8) splitter		HDD (Meter)		Active Outdoor Cabinet		Closure NO.
	144C FOC	Existing Closure		Installed Riser		Existing Manhole		Open Cut (Meter)		FDC NO.		FDP NO.

ACTUAL HOMEPASS : 104

KEY PLAN:	PROJECT OWNER:	MAIN CONTRACTOR:	SUB-CONTRACTOR:	PROJECT TITLE:	DRAWING TITLE:	Design By : ISHAK MAT	Date : 9 SEPT 2024
		 PRIVASAT	 ALLO TECHNOLOGY SDN BHD Level 3, Left Wing, College of Computer Science & Information Technology (CSIT) UNITEN, 43000 Kajang, Selangor TEL: 1 300-38-8500 FAX: (60) 3 8800 5221 E-MAIL : info@allo.my WEBSITE: HTTP://WWW.ALLO.MY	CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION AND COMMISSIONING OF FTTH NETWORK INFRASTRUCTURE –POP 2 PROJECT (D-SIDE) –PMU KMTG FOR ABA3004 SK CHANGKAT LOBAK	CONSTRUCTION DRAWING	Drawn By : NURUL HUSNA	Scale :
					PROJECT PHASE: 1 PLANNING	Checked By :	Job Number :
						DRAWING NUMBER :	Sheet : /
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							Size :



	12C FOC	Installed 1:4 / 1:8 / 1:32 splitter		Installed Pole (9m)		Suspension		New Manhole (PIT)		Micro-Trenching (Meter)		MH NO.
	24C FOC	Installed Patch Cord		Installed Pole (7.5M)		Tension		New Manhole(JRC7)		Temporary Infra (Meter)		Existing TNB Pole NO.
	48C FOC	FDC		Installed Pole (6.7M)		Pole Ring		FDP Boundary		Loop / Coil (Meter)		New Pole NO.
	96C FOC	Closure		Existing TNB Pole		FDP with (1:8) splitter		HDD (Meter)		Active Outdoor Cabinet		Closure NO.
	144C FOC	Existing Closure		Installed Riser		Existing Manhole		Open Cut (Meter)		FDC NO.		FDP NO.

ACTUAL HOMEPASS : 104

KEY PLAN:

PROJECT OWNER:



KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR:



187475-V



SUB-CONTRACTOR:



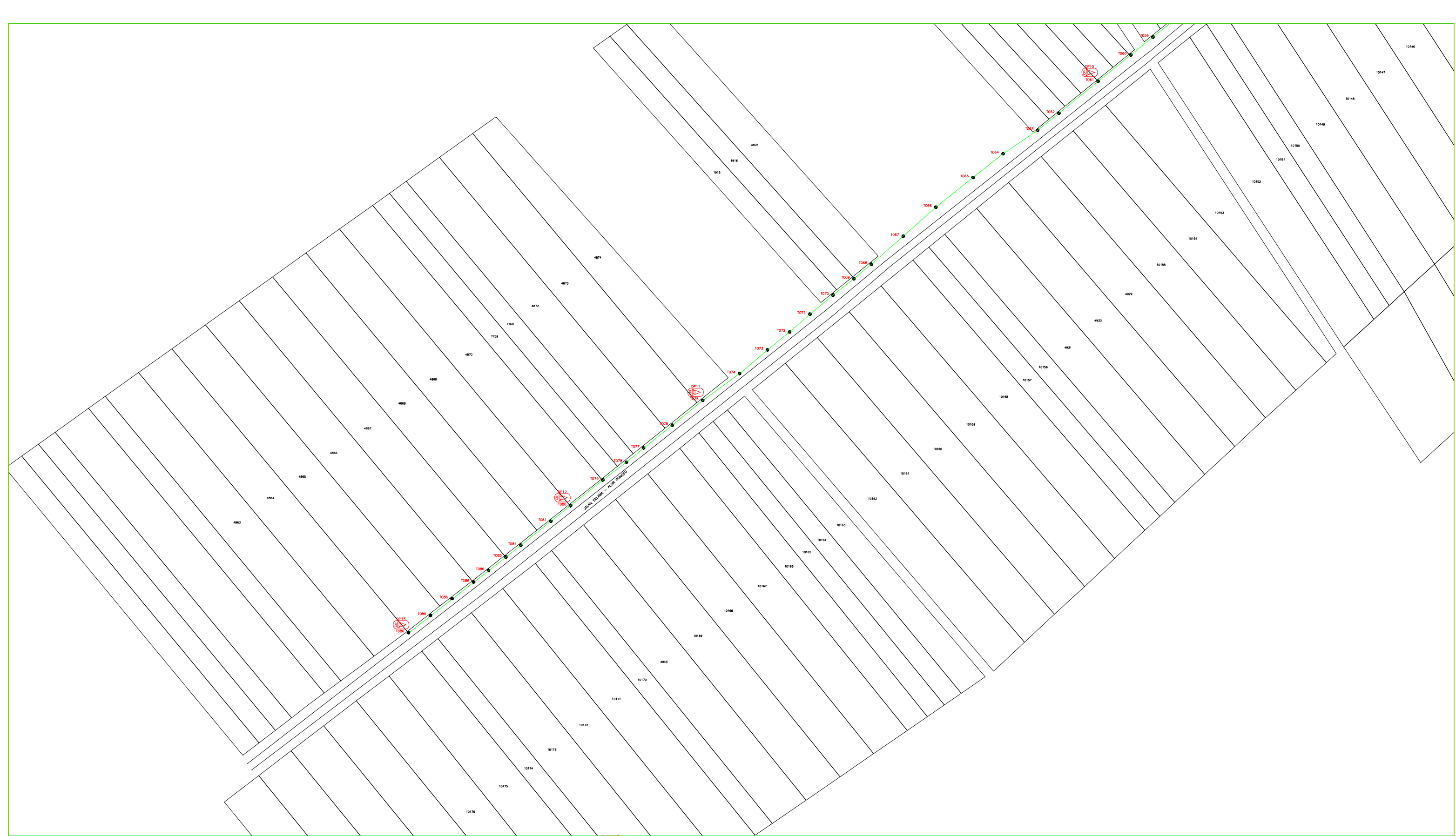
ALLO TECHNOLOGY SDN BHD  
Level 3, Left Wing,  
College of Computer Science & Information Technology (CSIT)  
UNITEN, 43000 Kajang, Selangor  
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PROJECT TITLE:  
CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE –POP 2 PROJECT (D-SIDE) –PMU KMTG FOR ABA3004 SK CHANGKAT LOBAK

DRAWING TITLE:  
CONSTRUCTION DRAWING

PROJECT PHASE: 1  
PLANNING

Design By : ISHAK MAT	Date : 9 SEPT 2024
Drawn By : NURUL HUSNA	Scale :
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Size :	



	12C FOC		Installed 1:4 / 1:8 / 1:32 splitter		Installed Pole (9m)		Suspension		New Manhole (PIT)		Micro-Trenching (Meter)		MH NO.
	24C FOC		Installed Patch Cord		Installed Pole (7.5M)		Tension		New Manhole (JRC7)		Temporary Infra (Meter)		Existing TNB Pole NO.
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ACTUAL HOMEPASS : 104

KEY PLAN:	PROJECT OWNER:	MAIN CONTRACTOR:	SUB-CONTRACTOR:	PROJECT TITLE:	DRAWING TITLE:	Design By : ISHAK MAT	Date : 9 SEPT 2024
				CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE -POP 2 PROJECT (D-SIDE) -PMU KMTG FOR ABA3004 SK CHANGKAT LOBAK	CONSTRUCTION DRAWING	Drawn By : NURUL HUSNA	Scale :
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