

# TECHNICAL PROPOSAL

## POP2 ABA7015 SEKOLAH KEBANGSAAN LUBUK KAWAH (D-SIDE)

**Company Name** : WabTech Sdn Bhd  
**Company Address** : 101-1, Jalan Metro Sendayan, 71950, Seremban, Negeri Sembilan.  
**Prepared By** : Mohd Farid bin Othman  
**Date** : 06/12/2024



**Point A**



**Point B**

**Starting Point**

**Site / Boundary Name** : Sekolah Kebangsaan Lubuk Kawah  
**Address** : Jalan Lubuk Kawah, Kampung Kota Tampan Air,  
 33400 Lenggong, Perak.  
**District** : Lenggong  
**Postcode** : 33400  
**State** : Perak  
**GPS Coordinate** : 5.054764, 100.957865  
**LRD** : A

**End Point**

**Site / Boundary Name** : Kampung Baru Kota Tampan, 33400 Lenggong  
**Address** : Kampung Baru Kota Tampan  
**District** : Lenggong  
**Postcode** : 33400  
**State** : Perak  
**GPS Coordinate** : 5.055790, 100.963979  
**LRD** : B



PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)  
 FASA 2: HAB INFRASTRUTUK GENTIAN OPTIK BERHAMPIRAN DENGAN  
 SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI  
 SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA  
 (KKMM.400-11/17/132(1))



WABTECH SDN BHD  
 (1396387-X)

## 1.0 WORK SUMMARY

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

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	2,118m
2	Install New Pole	ea	50
3	Install New JRC7 Manhole	ea	2
4	Install GI Riser 100mm	ea	2
5	Install Fiber Distribution Point and Closure (Splicing, Termination and Testing)	ea	22
6	Estimated Time Required for Completion	days	30



PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASA 2: HAB INFRASTRUTUK GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA (KKMM.400-11/17/132(1))



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(1398387-X)

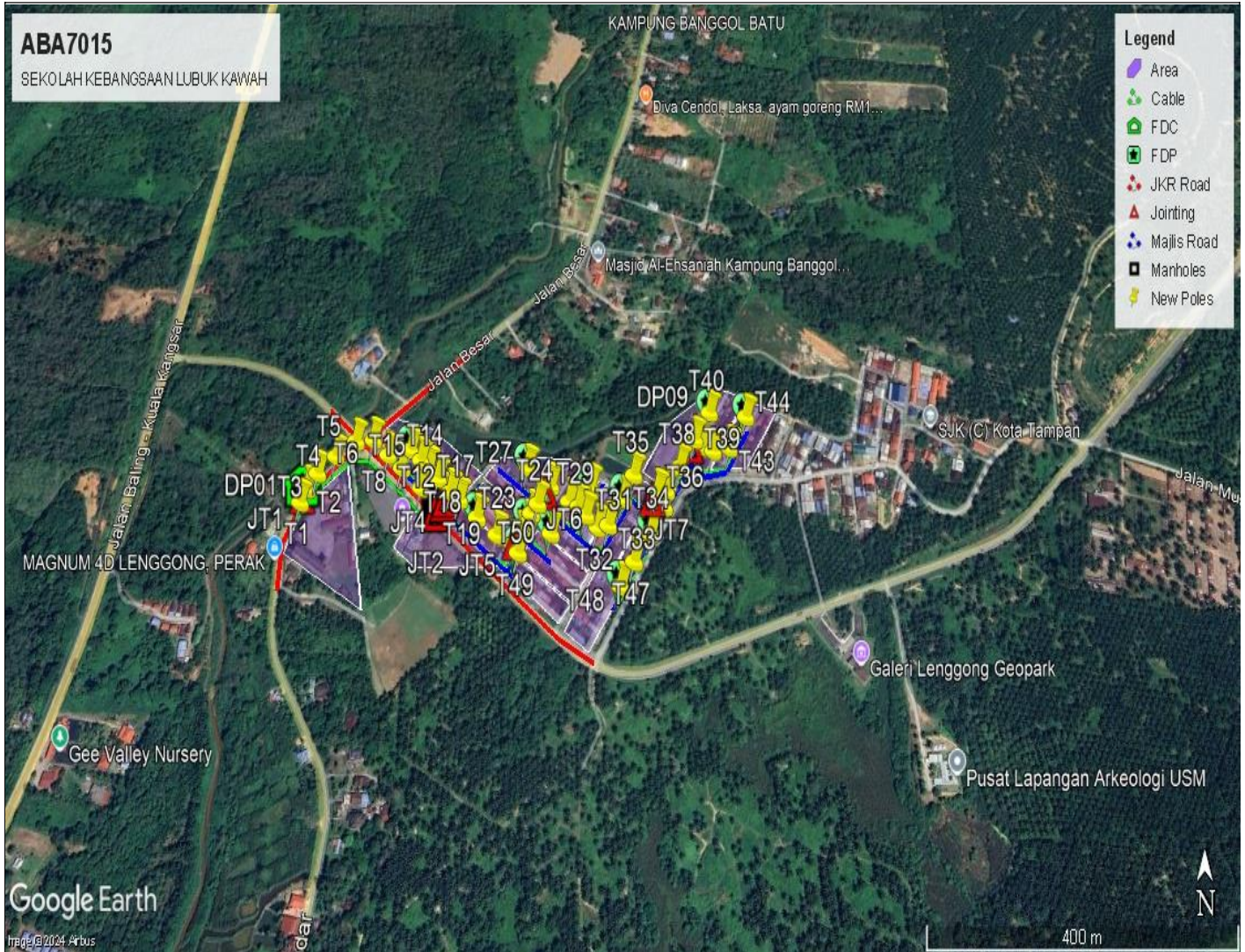
## 2.0 LOCAL AUTHORITY SUMMARY

Daerah Lenggong

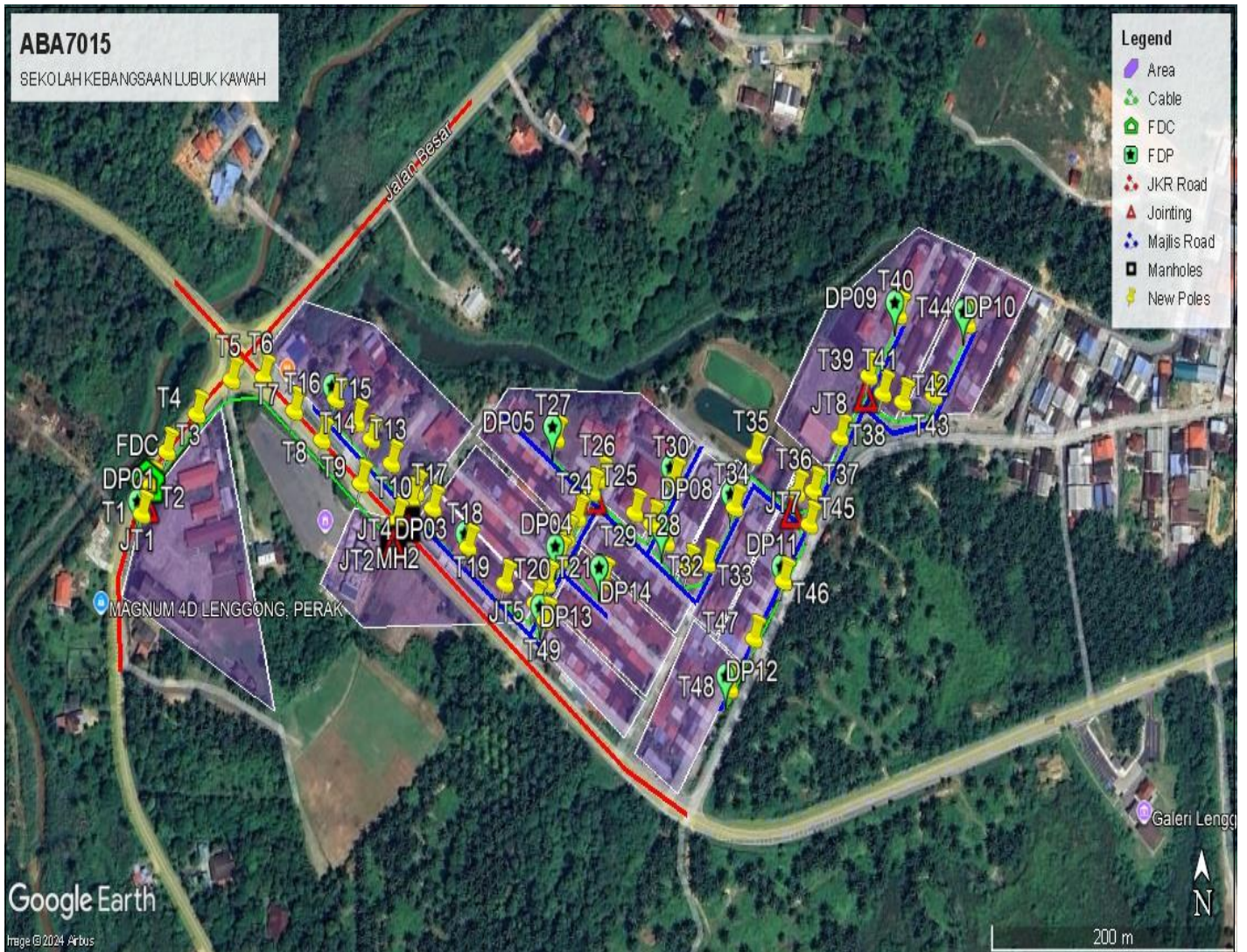
NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	1	63
		Majlis	-	-
		PDT	-	-
2	New Pole	JKR	11	257
		Majlis	39	1,798
		PDT	-	-
<b>Total Distance (m)</b>				<b>2,118</b>

### 3.0 SITE PLAN (KMZ)

#### 3.1 Overview Site Area



**3.2 Site boundry**



### 3.3 Road Boundry



#### 4.0 PROPOSED NEW POLE

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	FDC POLE	13	5.054916	100.957933	JKR
2	T001	20	5.054764	100.957865	JKR
3	T002	24	5.054923	100.957935	JKR
4	T003	34	5.055104	100.958051	JKR
5	T004	35	5.055306	100.958273	JKR
6	T005	27	5.055492	100.958530	JKR
7	T006	33	5.055505	100.958768	JKR
8	T007	29	5.055324	100.958995	JKR
9	T008	42	5.055166	100.959200	JKR
10	T009	37	5.054930	100.959488	JKR
11	T010	17	5.054725	100.959752	JKR
12	T011	7	5.054832	100.959859	JKR
13	T012	27	5.054880	100.959894	Majlis Daerah Lenggong
14	T013	22	5.055038	100.959714	Majlis Daerah Lenggong
15	T014	16	5.055169	100.959565	Majlis Daerah Lenggong
16	T015	22	5.055259	100.959455	Majlis Daerah Lenggong
17	T016	17	5.055386	100.959303	Majlis Daerah Lenggong
18	T017	38	5.054795	100.960020	Majlis Daerah Lenggong
19	T018	37	5.054583	100.960280	Majlis Daerah Lenggong
20	T019	27	5.054388	100.960553	Majlis Daerah Lenggong
21	T020	15	5.054281	100.960777	Majlis Daerah Lenggong
22	T021	18	5.054385	100.960864	Majlis Daerah Lenggong
23	T022	15	5.054518	100.960958	Majlis Daerah Lenggong
24	T023	15	5.054633	100.961009	Majlis Daerah Lenggong
25	T024	20	5.054744	100.961091	Majlis Daerah Lenggong
26	T025	11	5.054883	100.961197	Majlis Daerah Lenggong
27	T026	44	5.054950	100.961260	Majlis Daerah Lenggong
28	T027	35	5.055171	100.960932	Majlis Daerah Lenggong
29	T028	16	5.054769	100.961516	Majlis Daerah Lenggong
30	T029	32	5.054708	100.961642	Majlis Daerah Lenggong
31	T030	16	5.054944	100.961804	Majlis Daerah Lenggong
32	T031	24	5.054608	100.961748	Majlis Daerah Lenggong
33	T032	16	5.054468	100.961910	Majlis Daerah Lenggong
34	T033	40	5.054495	100.962052	Majlis Daerah Lenggong
35	T034	36	5.054796	100.962253	Majlis Daerah Lenggong
36	T035	42	5.055080	100.962397	Majlis Daerah Lenggong
37	T036	14	5.054875	100.962714	Majlis Daerah Lenggong
38	T037	39	5.054887	100.962839	Majlis Daerah Lenggong
39	T038	44	5.055179	100.963034	Majlis Daerah Lenggong



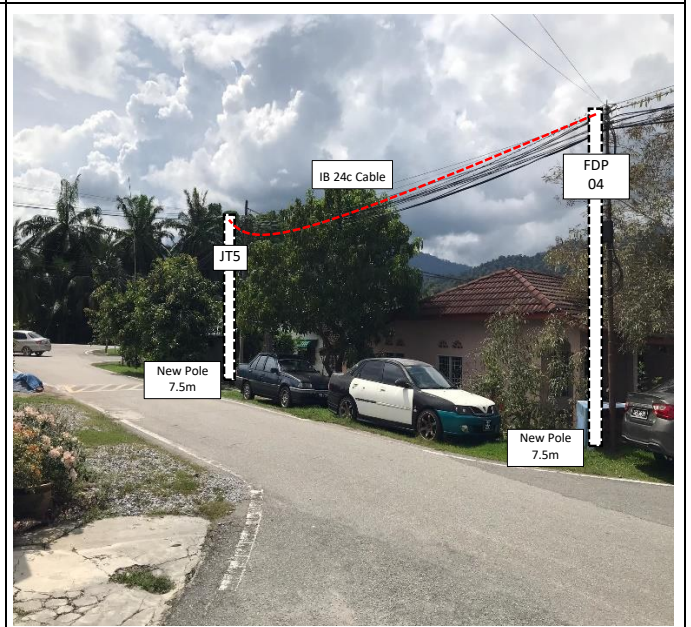
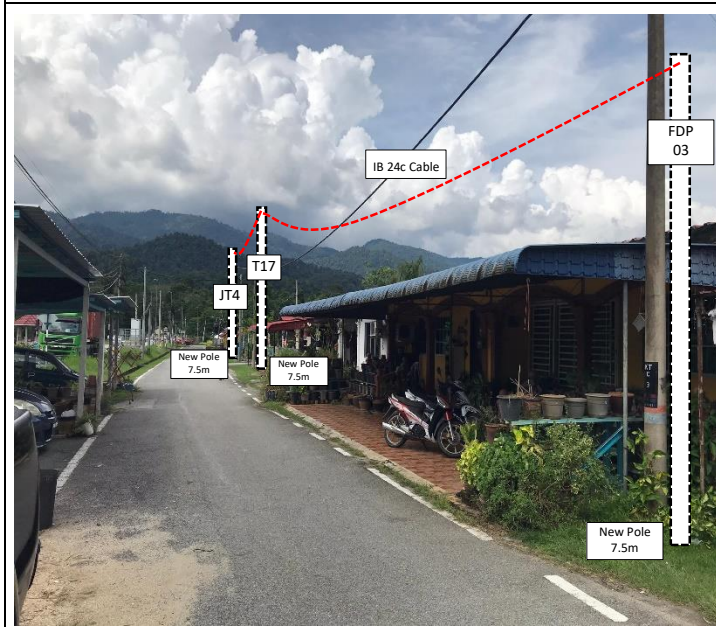
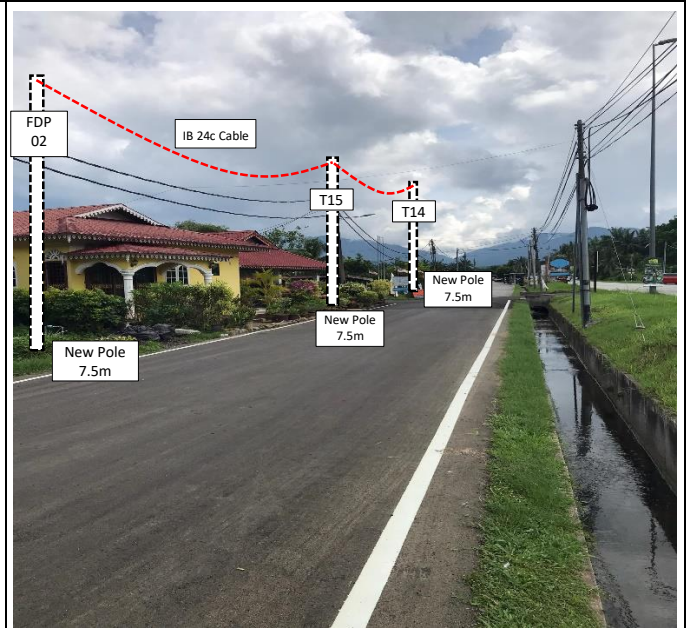
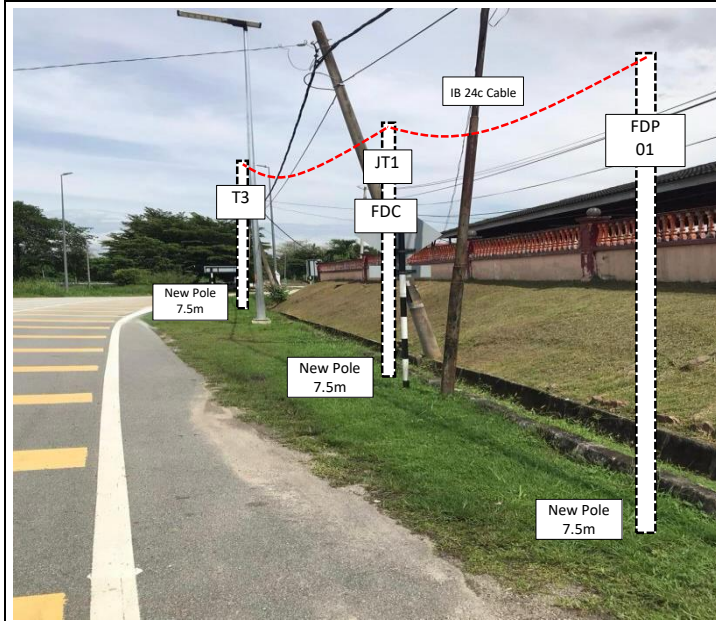
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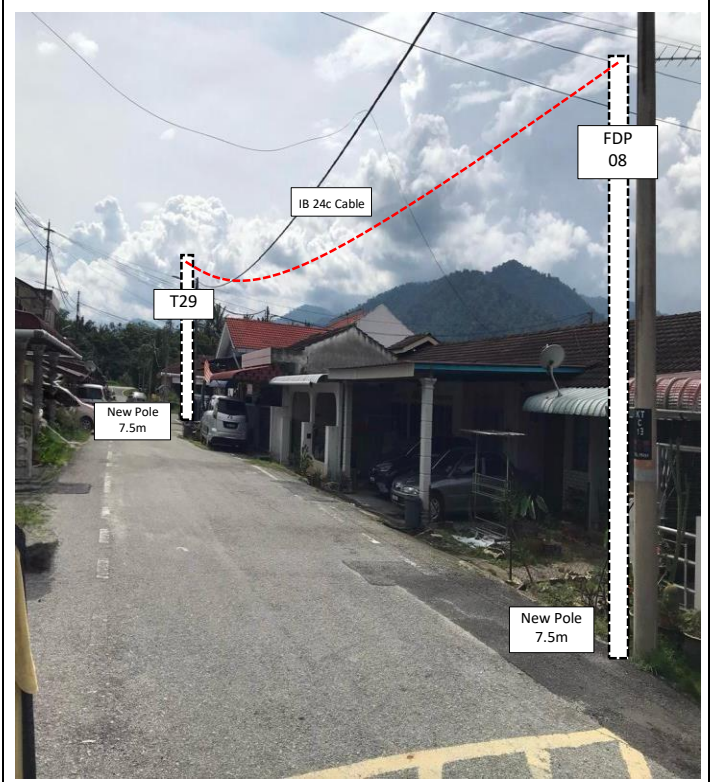
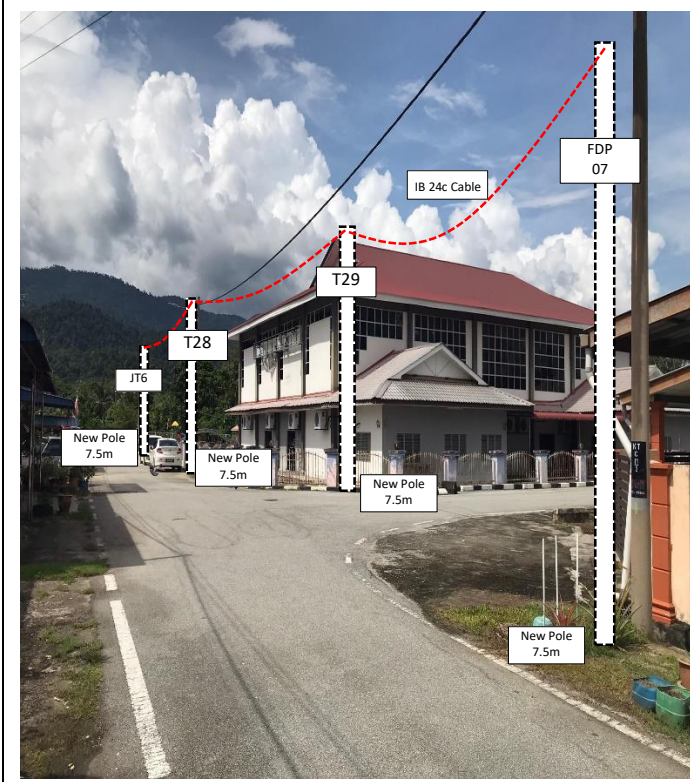


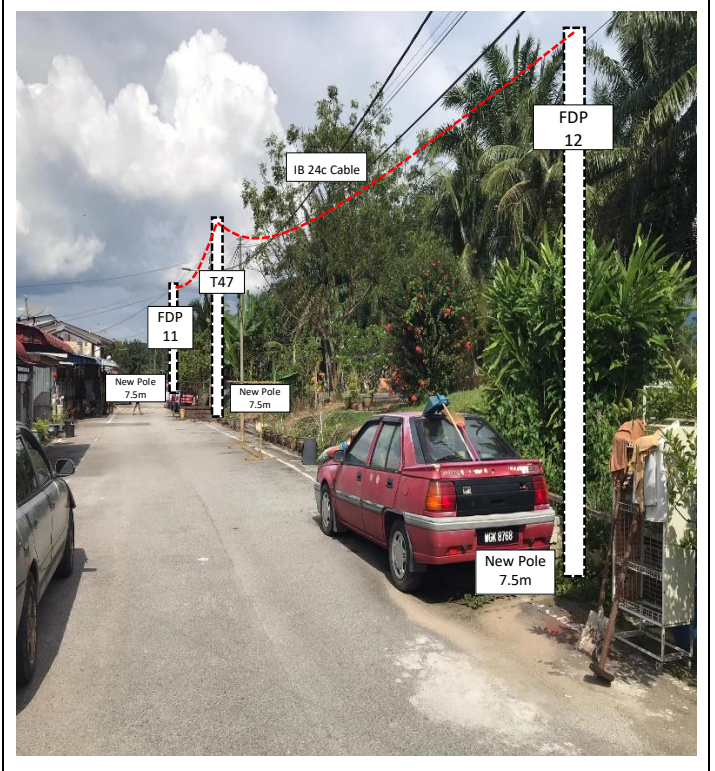
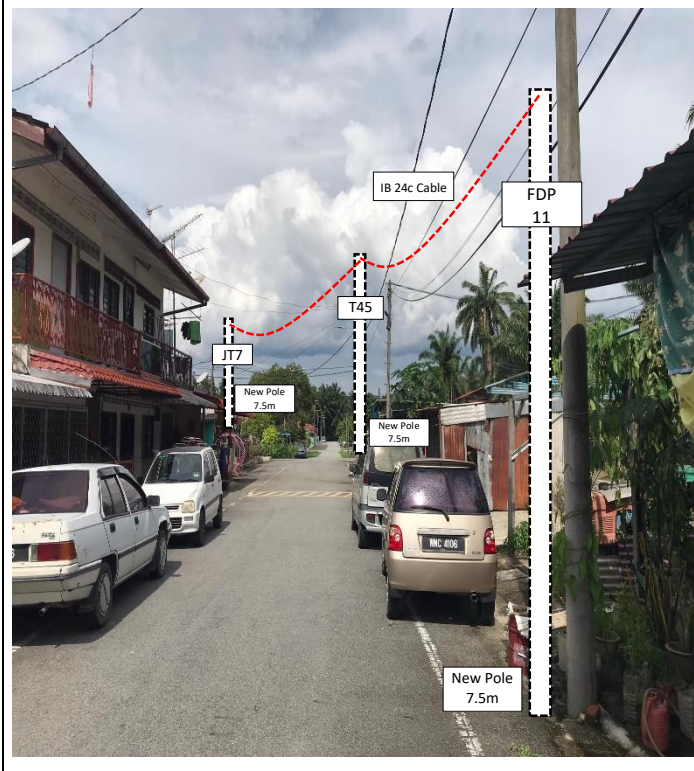
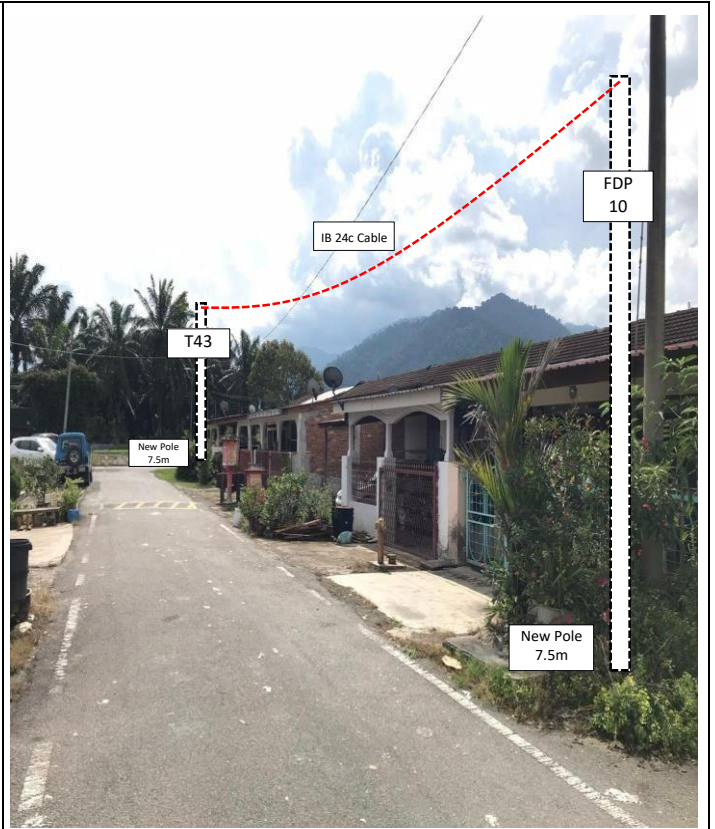
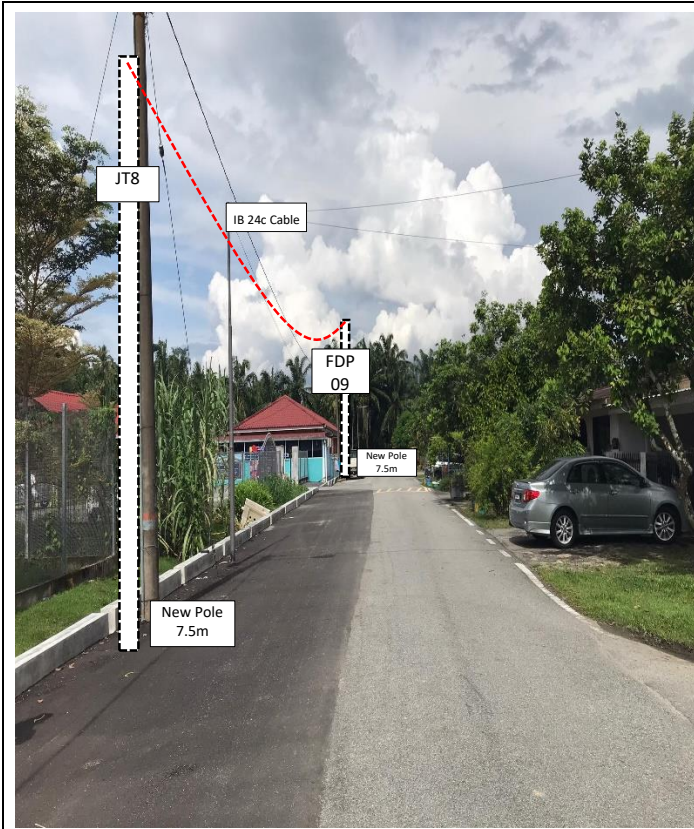
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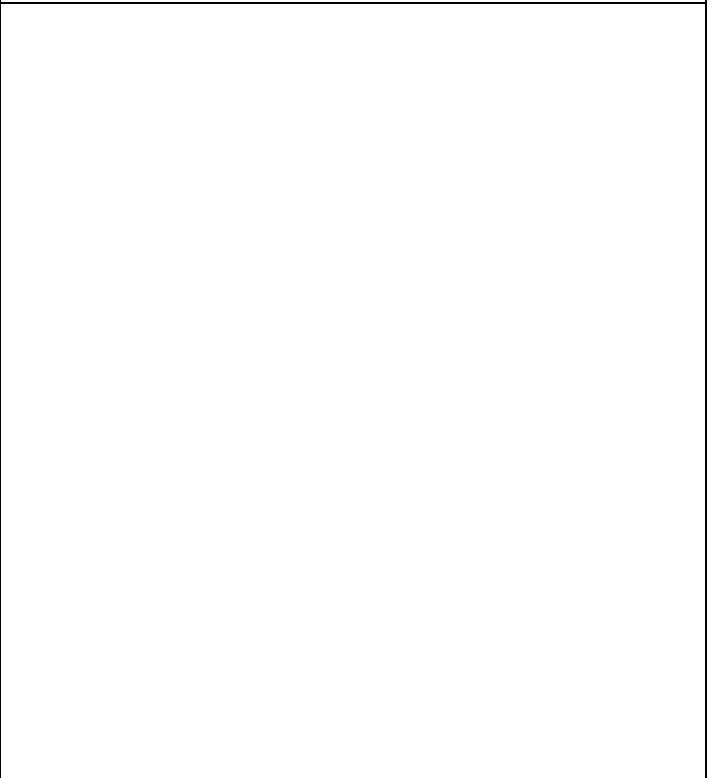
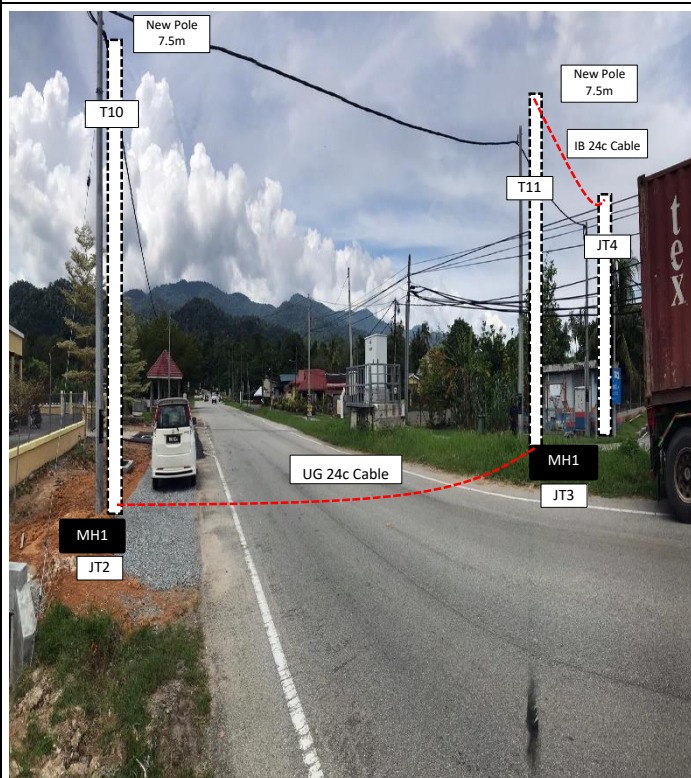
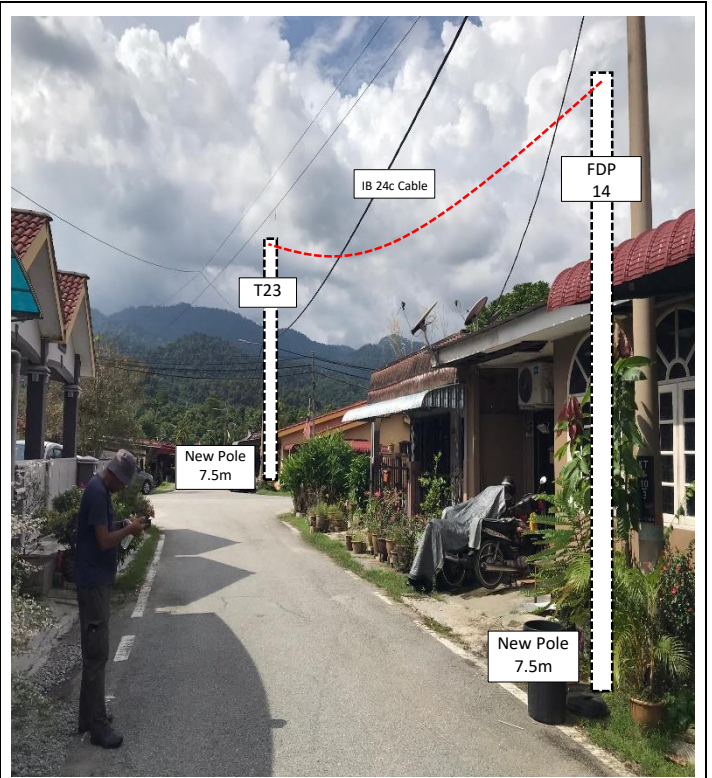
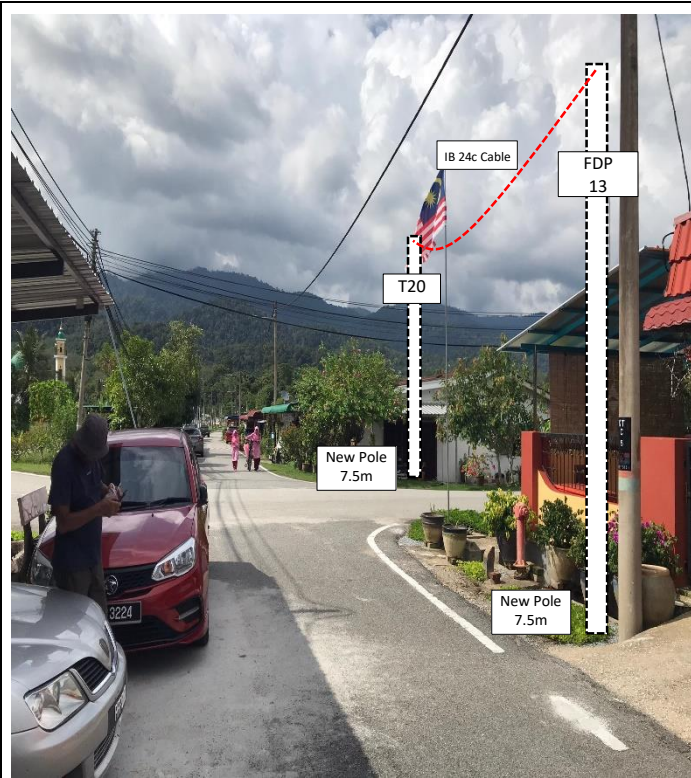
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
40	T039	44	5.055509	100.963249	Majlis Daerah Lenggong
41	T040	16	5.055841	100.963470	Majlis Daerah Lenggong
42	T041	17	5.055414	100.963352	Majlis Daerah Lenggong
43	T042	26	5.055368	100.963500	Majlis Daerah Lenggong
44	T043	51	5.055404	100.963729	Majlis Daerah Lenggong
45	T044	22	5.055790	100.963979	Majlis Daerah Lenggong
46	T045	40	5.054704	100.962807	Majlis Daerah Lenggong
47	T046	42	5.054398	100.962616	Majlis Daerah Lenggong
48	T047	36	5.054086	100.962397	Majlis Daerah Lenggong
49	T048	36	5.053815	100.962217	Majlis Daerah Lenggong
50	T049	14	5.054186	100.960853	Majlis Daerah Lenggong
51	T050	39	5.054403	100.961281	Majlis Daerah Lenggong

**5.0 SITE PHOTOS - PROPOSED NEW POLE**











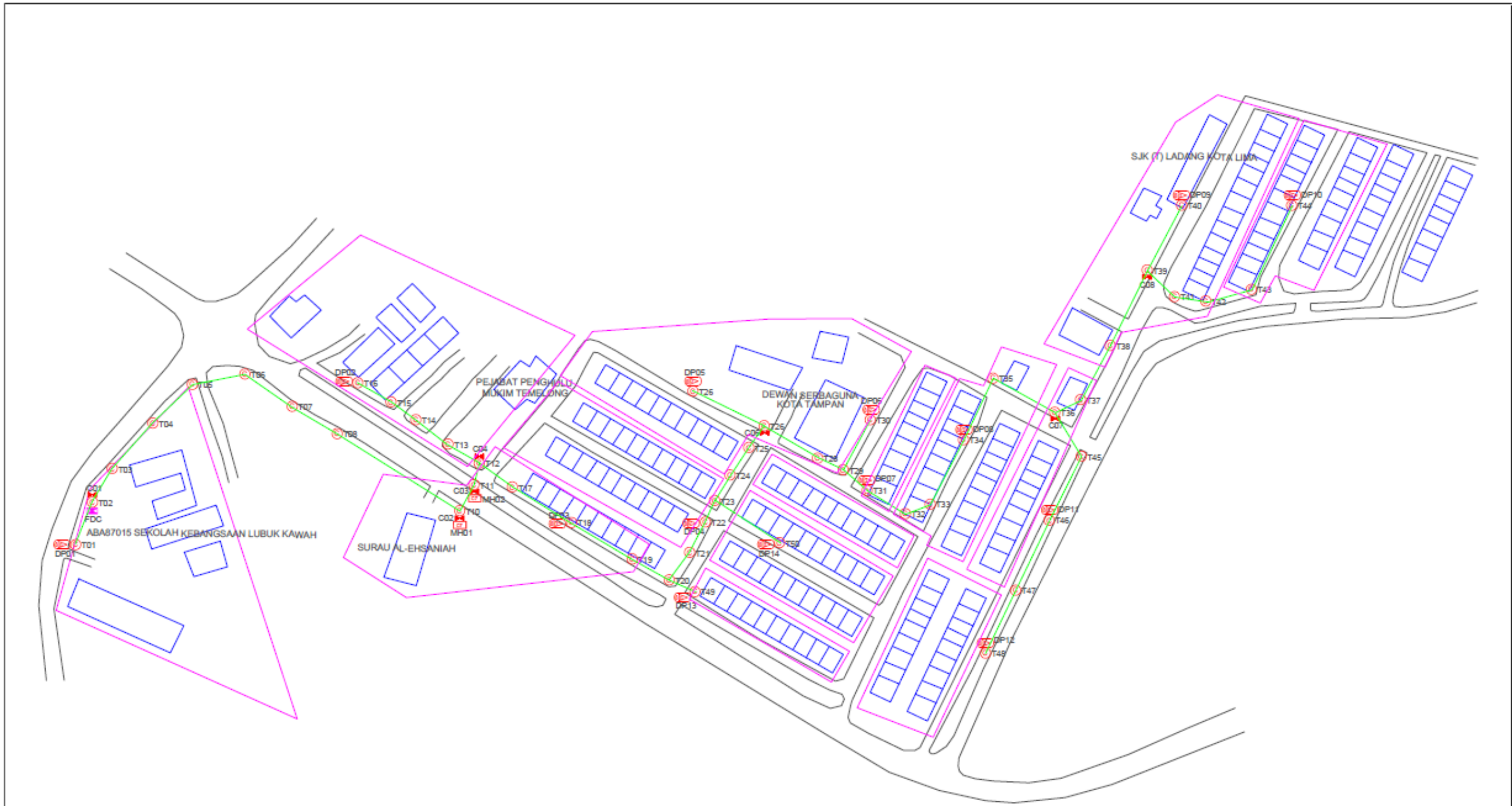
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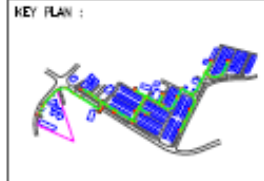
## 6.0 3<sup>rd</sup> PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Lenggong	1798m
2	JKR Daerah Lenggong	320m



**TOTAL HOME PASSES: 112 UNITS**

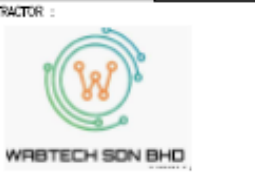
LE E/D		Legend		Legend		Legend		Legend	
12C FDC	Installed 1:4 splitter in FDC	Installed Pole (9m)	New Manhole (RC7)	Tension Small / Tension Big	MH	MH NO.			
24C FDC	FDP with (1:8) splitter	Installed River	Existing Manhole	Existing Manhole	TNS-1	Existing TNS Pole NO.			
48C FDC	Closure	Supporter Big	Existing TNS Pole	COT	Closure NO.	POBT	New Pole NO.		
96C FDC	New Manhole (PIT)	Supporter Small	LOOP	FDP1	FDP NO.		(A - SEE SHEET XXX - X)		
144C FDC	Installed Pole (7.5M)	FDC	FDP Boundary	FDC	FDC NO.		(A - SEE SHEET XXX - X)		



PROJECT OWNER :



MAIN CONTRACTOR :

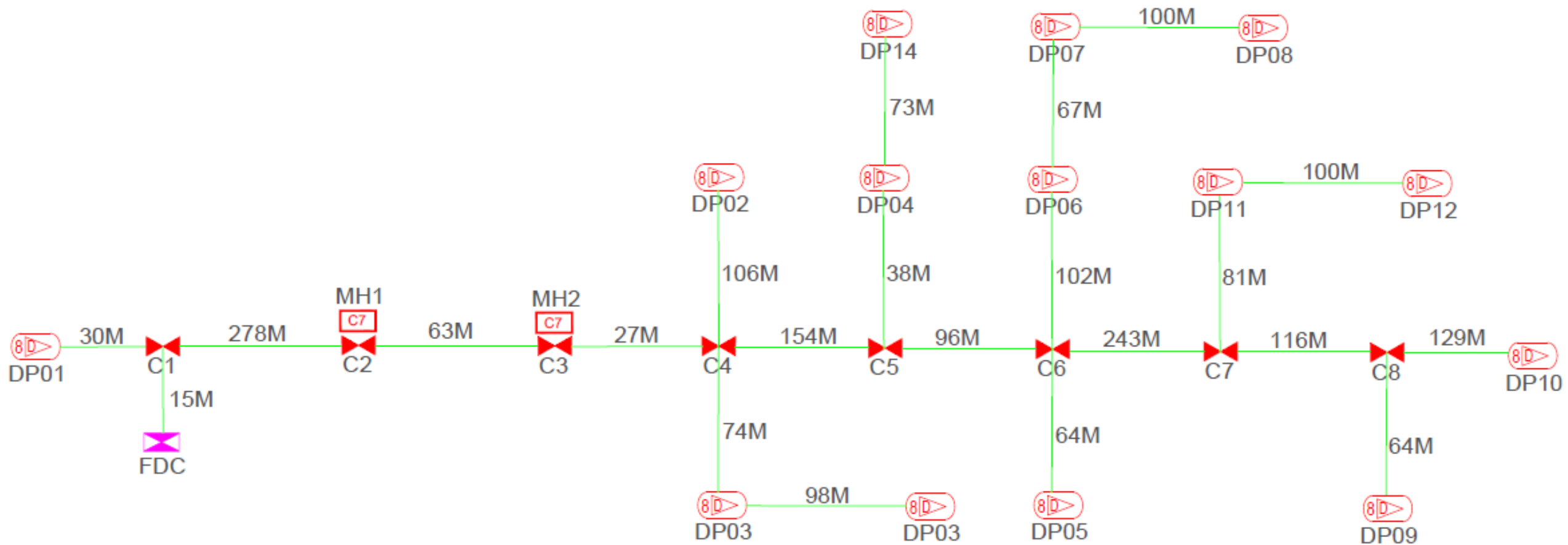


SUB-CONTRACTOR :

PROJECT TITLE  
CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION, AND COMMISSIONING OF FTTH NETWORK INFRASTRUCTURE - POP 2 PROJECT D-SIDE - ABA7015 - SK LUBUK KAWAH

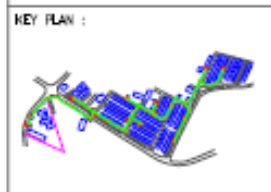
DRAWING TITLE  
**ABA7015 SK LUBUK KAWAH**  
PROJECT PHASE  
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**TOTAL FOC DISTANCE: 2,118 METERS**

LEGEND							
	12C FOC		Installed 1:4 splitter in FOC		Installed Pole (9m)		New Manhole (ARC7)
	24C FOC		FDP with (1:8) splitter		Installed Fiber		House Number
	48C FOC		Closure		Suspension Rig		Existing TNS Pole
	96C FOC		New Manhole (PIT)		Suspension Small		LOOP
	144C FOC		Installed Pole (7.5M)		FDC		FDP Boundary
	Tension Small / Tension Rig		Existing Manhole		C71 Class No.		POP1 POP NO.
	MH1 MH NO.		TNS-1 Existing TNS Pole NO.		POP2 New Pole NO.		A SEE A-B Pole NO. A
	A SEE A-B Pole NO. A		A SEE SHEET XXX A		FDP1 FDP NO.		FDC FDC NO.



**PROJECT TITLE**  
 CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION, AND COMMISSIONING OF FTTH NETWORK INFRASTRUCTURE - POP 2 PROJECT D-SIDE - ABA7015 - SK LUBUK KAWAH

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