

# TECHNICAL PROPOSAL

## POP2 AEA7001 SEKOLAH MENENGAH KEBANGSAAN TAN SRI ABDUL AZIZ (D-SIDE)

**Company Name** : WabTech Sdn Bhd  
**Company Address** : 101-1, Jalan Metro Sendayan, 71950 Seremban, Negeri Sembilan.  
**Prepared By** : Sharifful Bahrin bin Che Meh  
**Date** : 13/12/2024



### Starting Point

**Site / Boundary Name** : Sekolah Menengah Kebangsaan Tan Sri Abdul Aziz  
**Address** : Jalan Besar, 33400 Lenggong, Perak.  
**District** : Lenggong  
**Postcode** : 33400  
**State** : Perak  
**GPS Coordinate** : 5.100921, 100.966332  
**LRD** : A

### End Point

**Site / Boundary Name** : Taman Bukit Senyum, Lenggong  
**Address** : Taman Bukit Senyum, 33400 Lenggong, Perak.  
**District** : Lenggong  
**Postcode** : 33400  
**State** : Perak  
**GPS Coordinate** : 5.102181, 100.967294  
**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))



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(1390387-X)

## 1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	22
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	0
4	Micro Trenching (MT)	m	0
Total			

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	1772
2	Install New Pole	ea	40
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	18
6	Estimated Time Required for Completion	days	30



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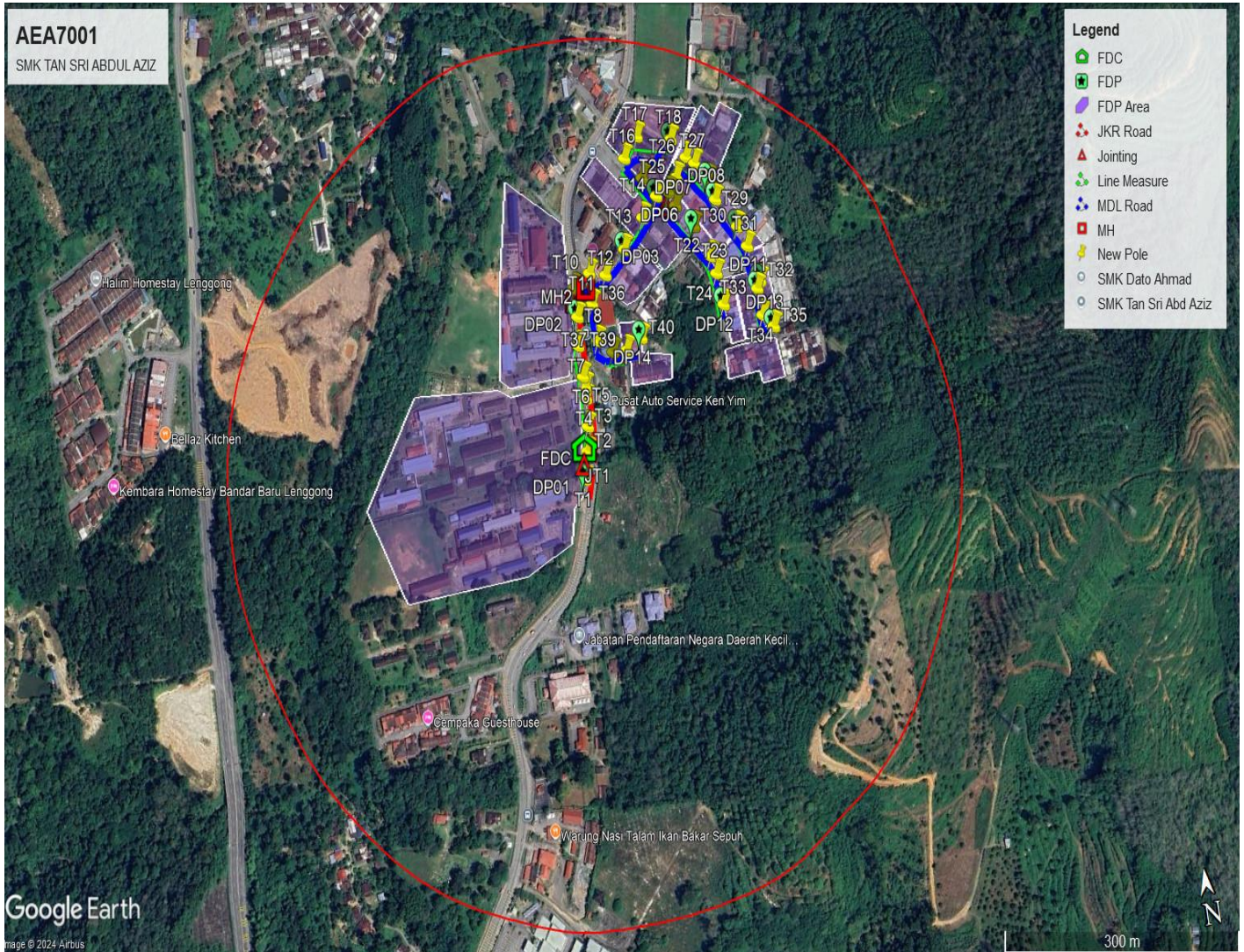
## 2.0 LOCAL AUTHORITY SUMMARY

Daerah Lenggong

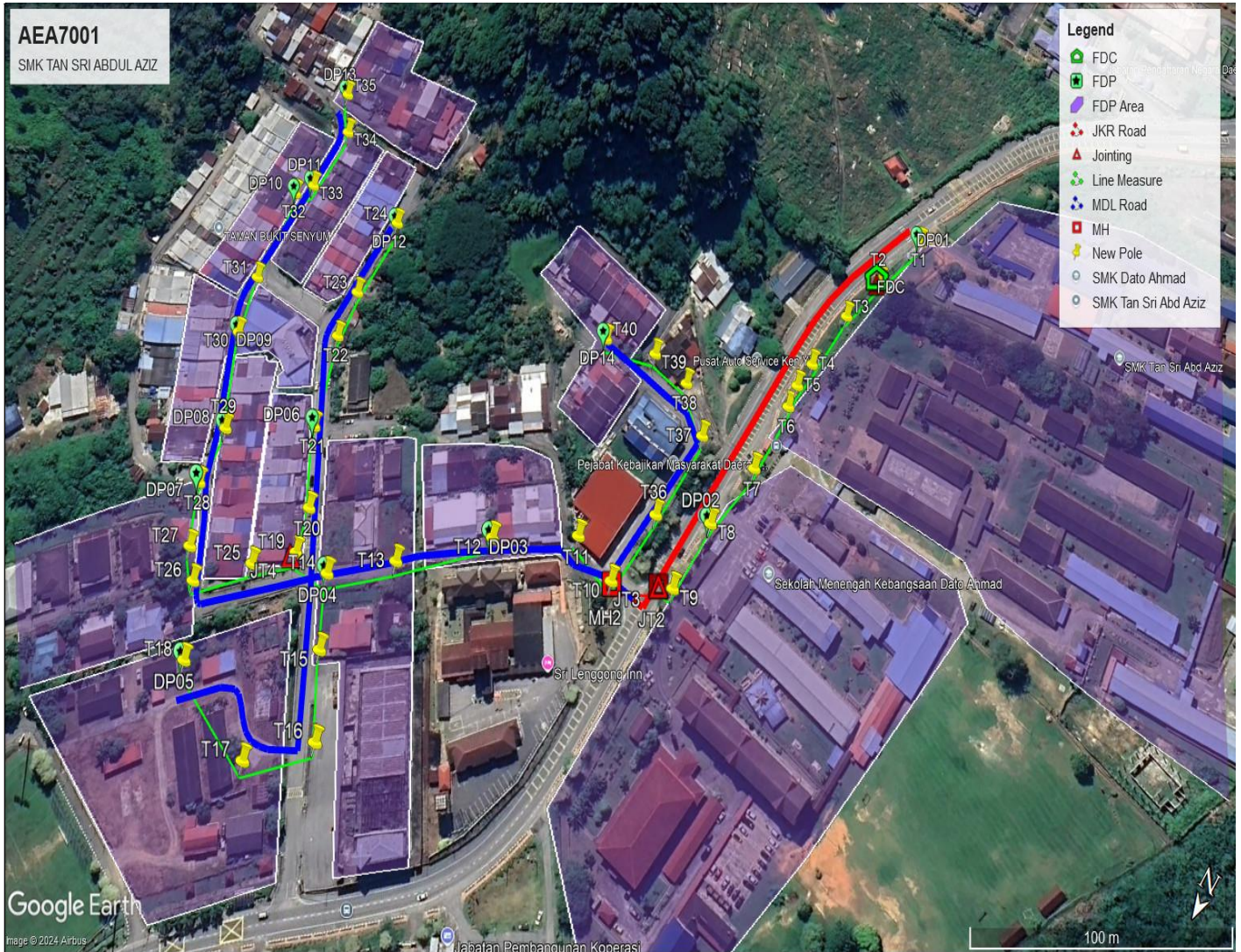
NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	1	22
		Majlis	-	-
		PDT	-	-
2	New Pole	JKR	9	235
		Majlis	31	863
		PDT	-	-
<b>Total Distance (m)</b>				<b>1120</b>

### 3.0 SITE PLAN (KMZ)

#### 3.1 Overview Site Area



### 3.2 Site boundary



### 3.3 Road Boundary



#### 4.0 PROPOSED NEW POLE

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	FDC POLE	33	5.101195	100.966410	JKR
2	T001	33	5.100921	100.966332	JKR
3	T002	28	5.101195	100.966410	JKR
4	T003	31	5.101439	100.966461	JKR
5	T004	14	5.101719	100.966490	JKR
6	T005	13	5.101839	100.966501	JKR
7	T006	35	5.101942	100.966490	JKR
8	T007	32	5.102253	100.966485	JKR
9	T008	31	5.102538	100.966530	JKR
10	T009	27	5.102824	100.966535	JKR
11	T010	24	5.102941	100.966755	Majlis Daerah Lenggong
12	T011	40	5.103090	100.967524	Majlis Daerah Lenggong
13	T012	43	5.103549	100.967738	Majlis Daerah Lenggong
14	T013	29	5.103366	100.967590	Majlis Daerah Lenggong
15	T014	29	5.103549	100.967738	Majlis Daerah Lenggong
16	T015	34	5.103762	100.967590	Majlis Daerah Lenggong
17	T016	52	5.103996	100.967403	Majlis Daerah Lenggong
18	T017	52	5.104188	100.967601	Majlis Daerah Lenggong
19	T018	17	5.104080	100.968021	Majlis Daerah Lenggong
20	T019	37	5.103561	100.967897	Majlis Daerah Lenggong
21	T020	18	5.103410	100.967961	Majlis Daerah Lenggong
22	T021	34	5.103162	100.968155	Majlis Daerah Lenggong
23	T022	40	5.102828	100.968311	Majlis Daerah Lenggong
24	T023	21	5.102642	100.968348	Majlis Daerah Lenggong
25	T024	36	5.102317	100.968377	Majlis Daerah Lenggong
26	T025	20	5.103690	100.968022	Majlis Daerah Lenggong
27	T026	25	5.103867	100.968180	Majlis Daerah Lenggong
28	T027	14	5.103786	100.968277	Majlis Daerah Lenggong
29	T028	26	5.103595	100.968412	Majlis Daerah Lenggong
30	T029	25	5.103060	100.968472	Majlis Daerah Lenggong
31	T030	41	5.102395	100.968696	Majlis Daerah Lenggong
32	T031	26	5.102841	100.968781	Majlis Daerah Lenggong
33	T032	43	5.102395	100.968825	Majlis Daerah Lenggong
34	T033	10	5.102828	100.968311	Majlis Daerah Lenggong
35	T034	20	5.102121	100.968839	Majlis Daerah Lenggong
36	T035	20	5.101985	100.968954	Majlis Daerah Lenggong
37	T036	33	5.102634	100.966737	Majlis Daerah Lenggong
38	T037	42	5.102259	100.966740	Majlis Daerah Lenggong



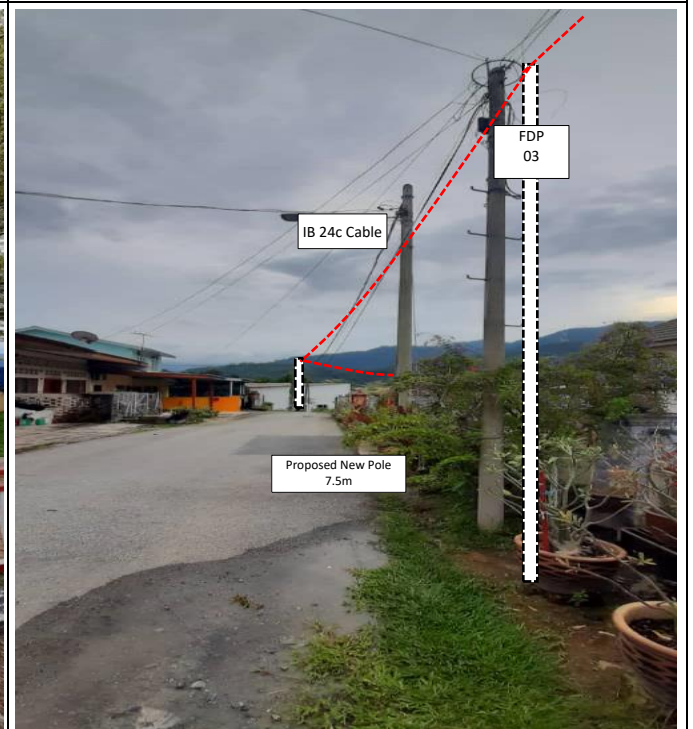
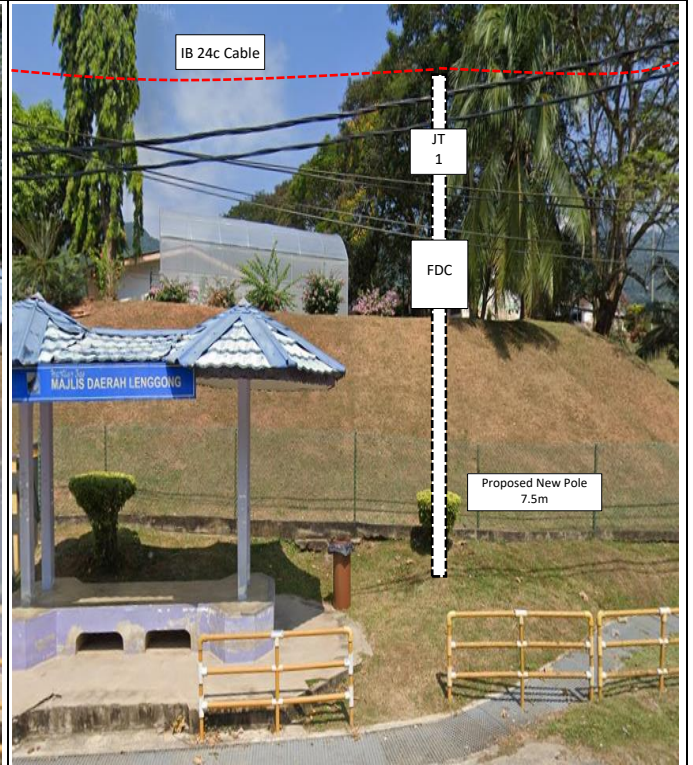
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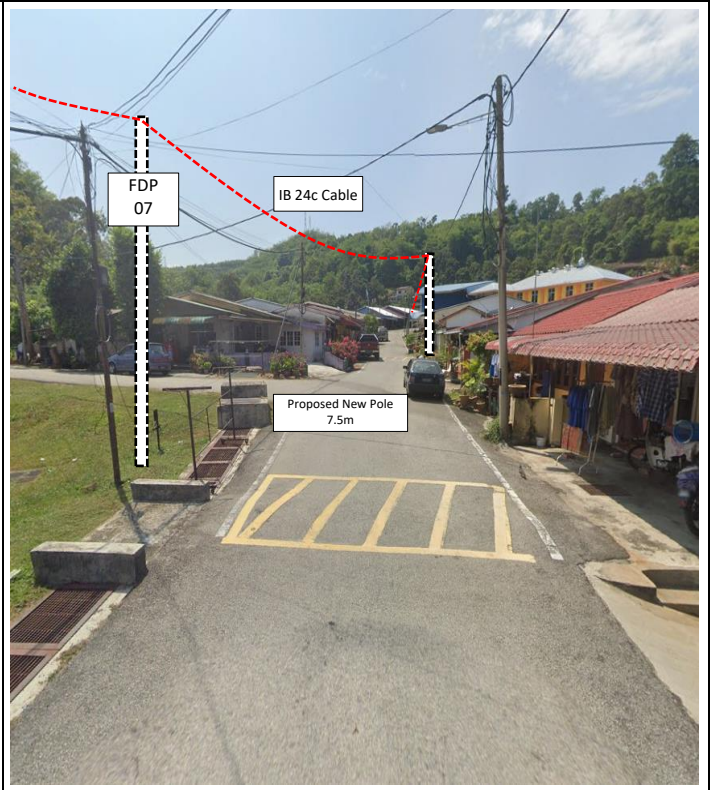
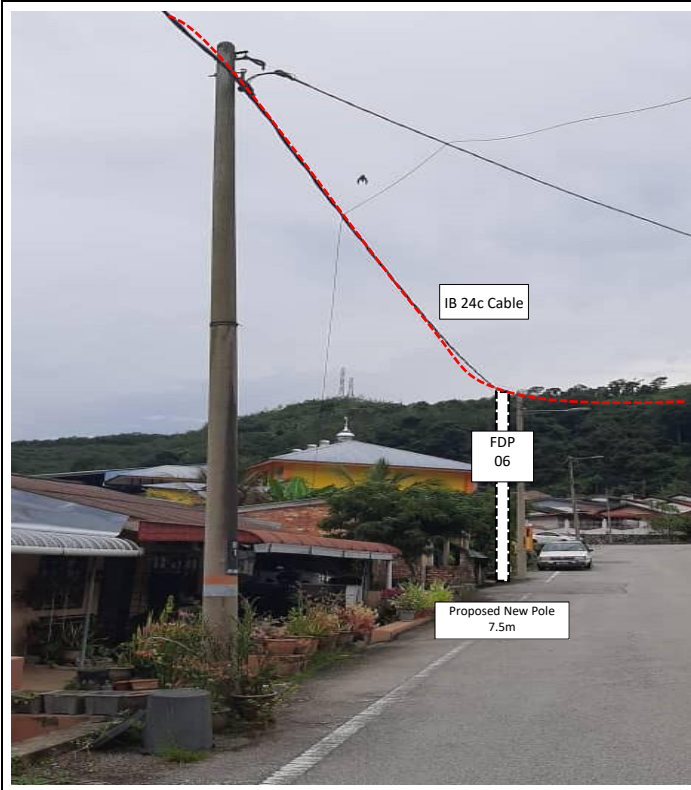
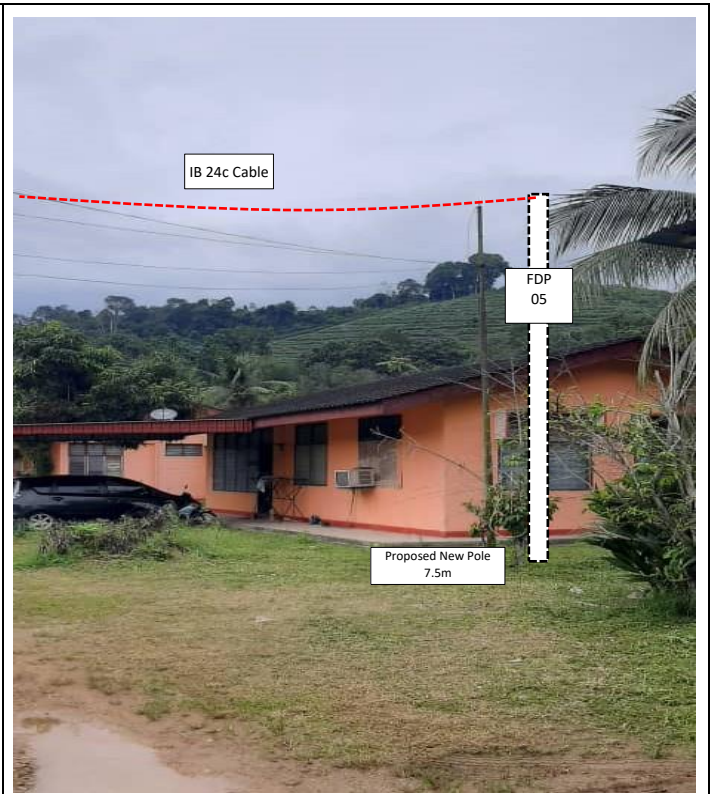
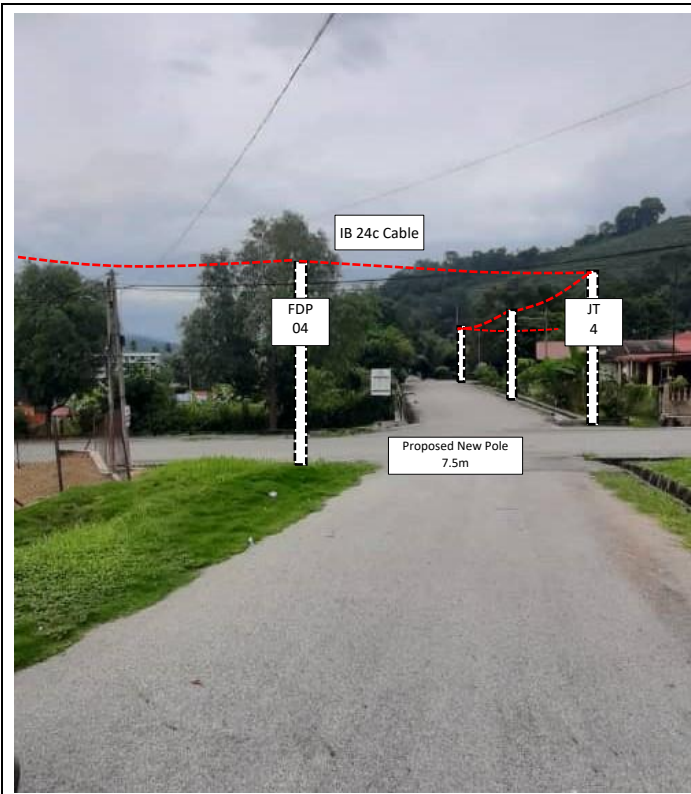


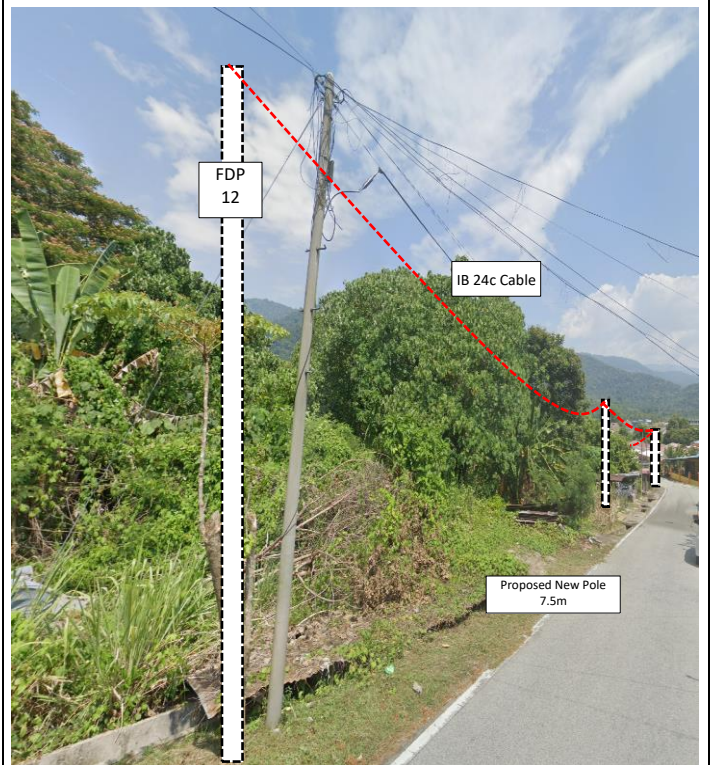
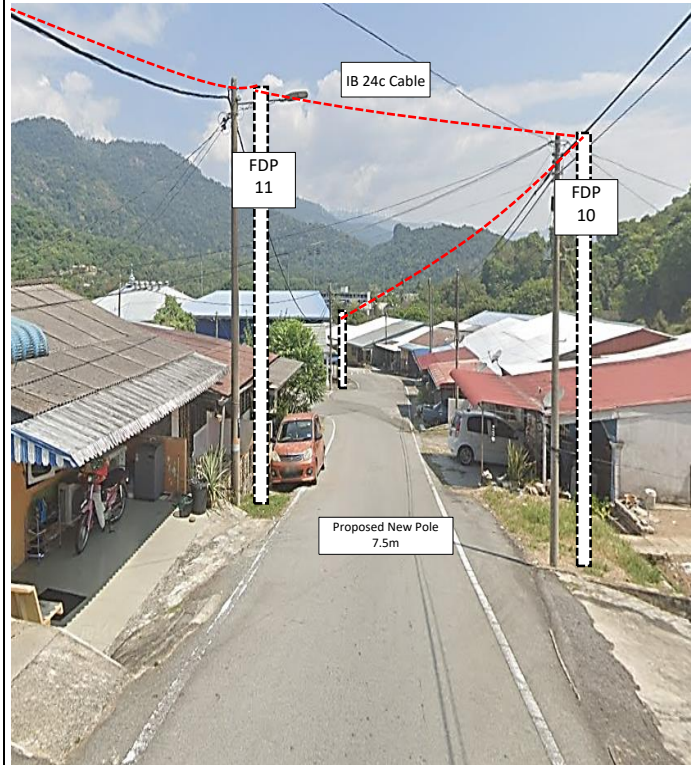
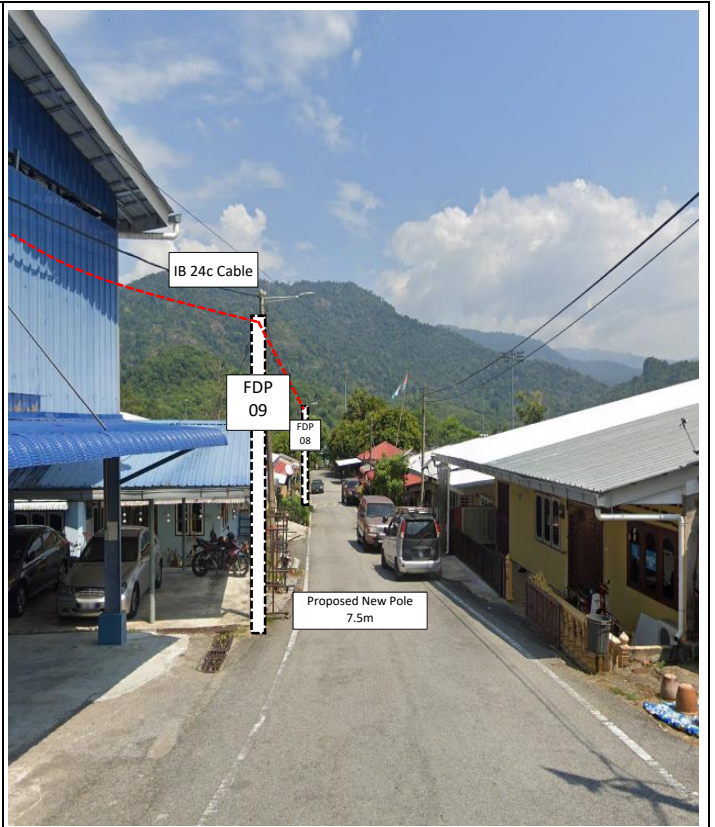
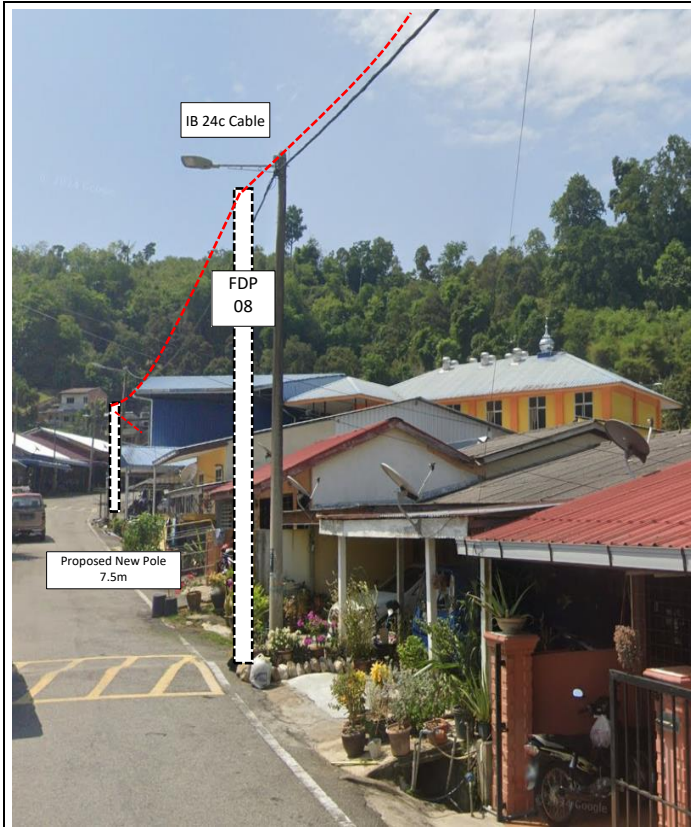
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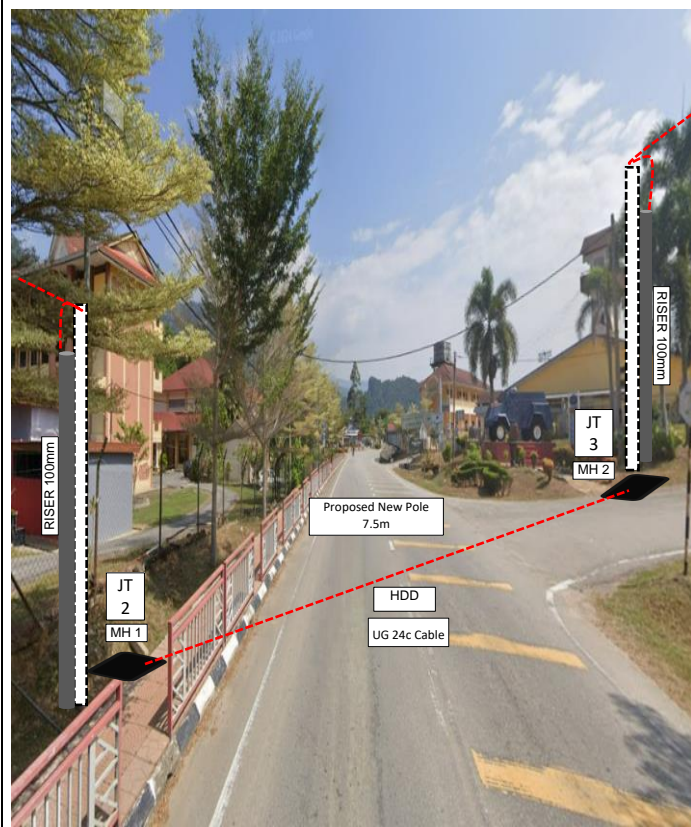
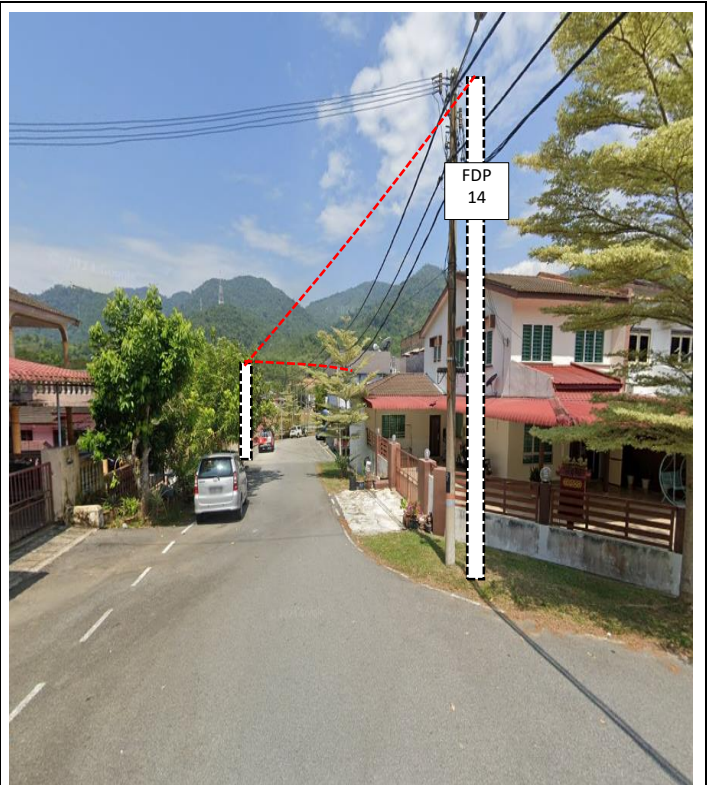
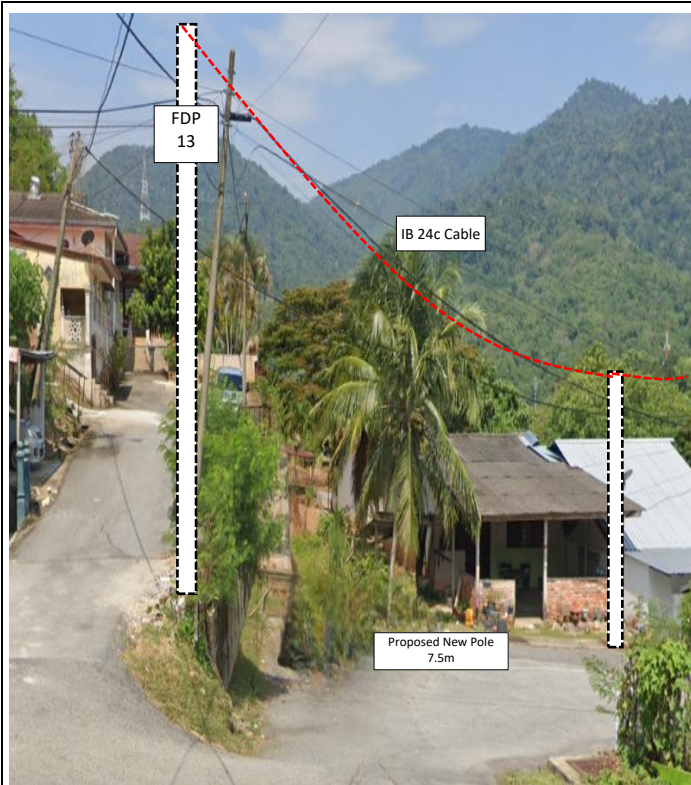
39	T038	24	5.102113	100.966910	Majlis Daerah Lenggong
40	T039	19	5.102097	100.967086	Majlis Daerah Lenggong
41	T040	24	5.102181	100.967294	Majlis Daerah Lenggong
42	MH1	22	5.102816	100.966553	JKR
43	MH2	22	5.102934	100.966752	JKR

**5.0 SITE PHOTOS - PROPOSED NEW POLE**











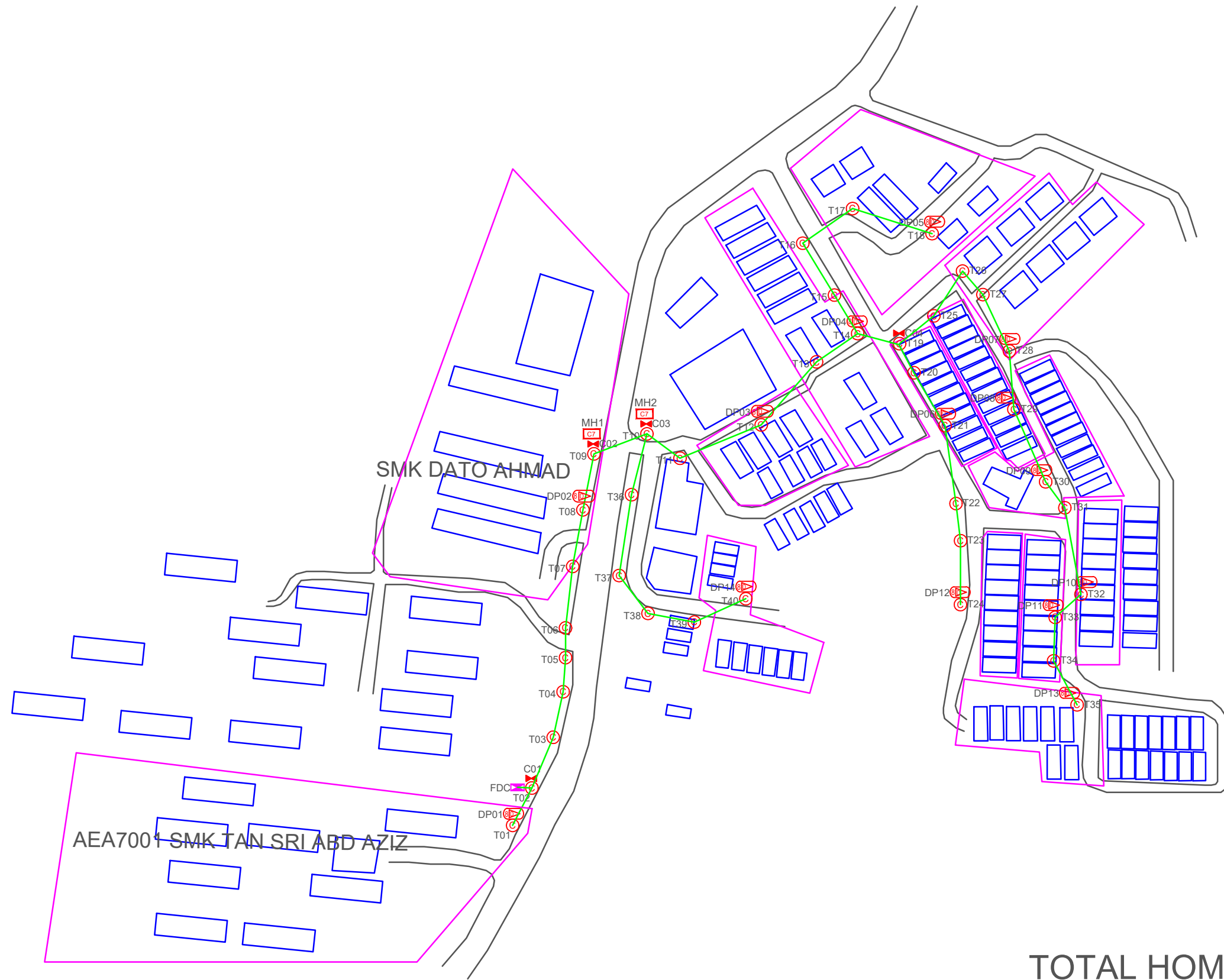
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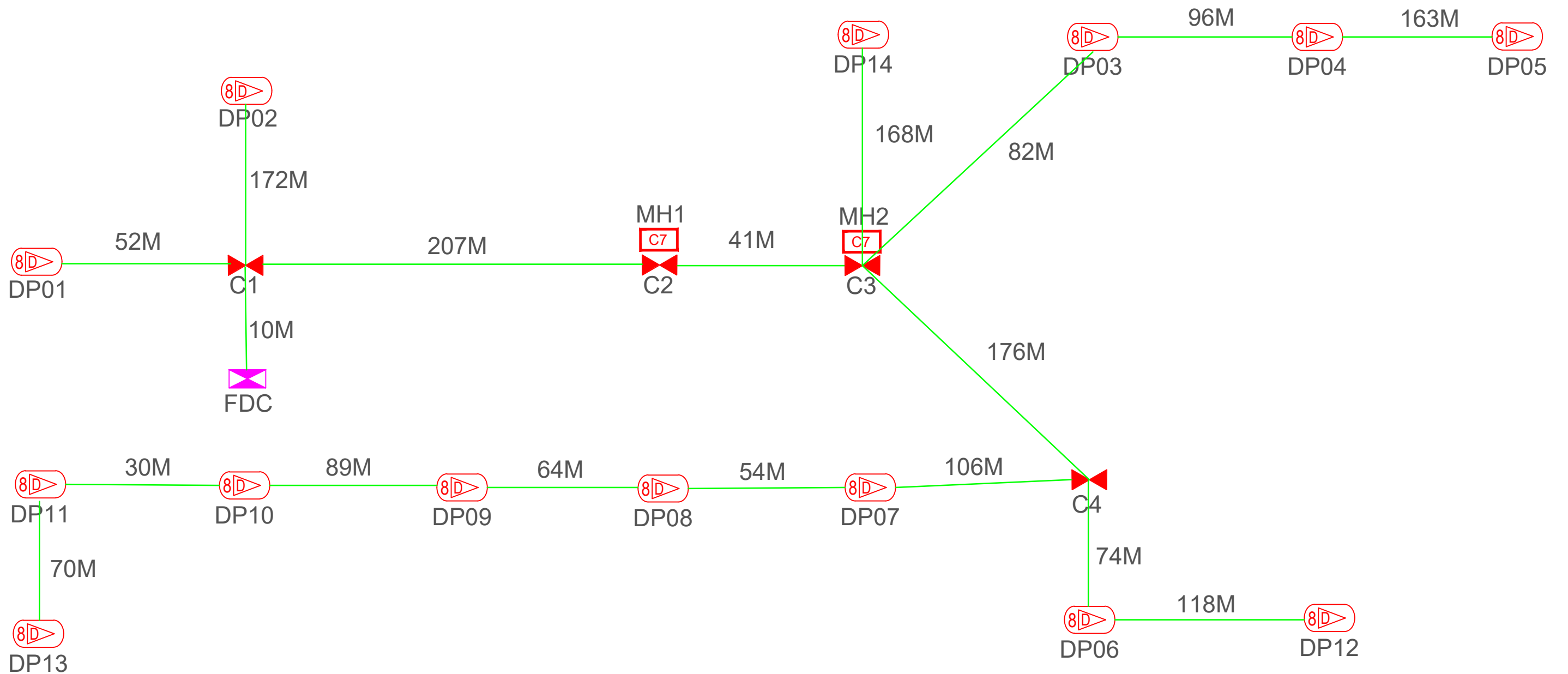


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## 6.0 3<sup>rd</sup> PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Lenggong	863
2	JKR Daerah Lenggong	235





**TOTAL FOC DISTANCE: 1,772 METERS**

LEGEND											
	12C FOC		Installed 1:4 splitter in FDC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big		MH NO.
	24C FOC		FDP with (1:8) splitter		Installed Riser		House Number		Existing Manhole		Existing TNB Pole NO.
	48C FOC		Closure		Suspension Big		Existing TNB Pole		Closure NO.		New Pole NO.
	96C FOC		New Manhole (PIT)		Suspension Small		LOOP		FDP NO.		SEE A-A in this page
	144C FOC		Installed Pole (7.5M)		FDC		FDP Boundary		FDC NO.		SEE SHEET XXXX

<b>KEY PLAN :</b> 	<b>PROJECT OWNER :</b>  KEMENTERIAN KOMUNIKASI	<b>MAIN CONTRACTOR</b>  PRIVASAT	<b>SUB-CONTRACTOR :</b>  WABTECH SDN BHD	<b>PROJECT TITLE:</b> CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION, AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 PROJECT D-SIDE - AEA7001 - SMK TAN SRI ABD AZIZ	<b>DRAWING TITLE:</b> AEA7001 SMK TAN SRI ABD AZIZ	Design By ENGINEER	Date DATE
						Drawn By CAD ENGINEER	Scale NTS
<b>PROJECT PHASE:</b> PROJECT PHASE						Checked By ENGINEER	Job Number JOB/NUMBER
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