

# TECHNICAL PROPOSAL

## POP2 ABC7041 SEKOLAH JENIS KEBANGSAAN (CINA) AYER KALA (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** : 18/12/2024



### Starting Point

**Site / Boundary Name** : Sekolah Jenis Kebangsaan (C) Ayer Kala  
**Address** : Kampung Baru Ayer Kala, 33420 Lenggong, Perak.  
**District** : Lenggong  
**Postcode** : 33420  
**State** : Perak  
**GPS Coordinate** : 5.196304, 101.055675  
**LRD** : A

### End Point

**Site / Boundary Name** : Kampung Baru Ayer Kala  
**Address** : Kampung Baru Ayer Kala, 33420 Lenggong, Perak.  
**District** : Lenggong  
**Postcode** : 33420  
**State** : Perak  
**GPS Coordinate** : 5.195364, 101.057750  
**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  
(1398887-X)

## 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			

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	2414
2	Install New Pole	ea	49
3	Install New JRC7 Manhole	ea	0
4	Install GI Riser 100mm	ea	0
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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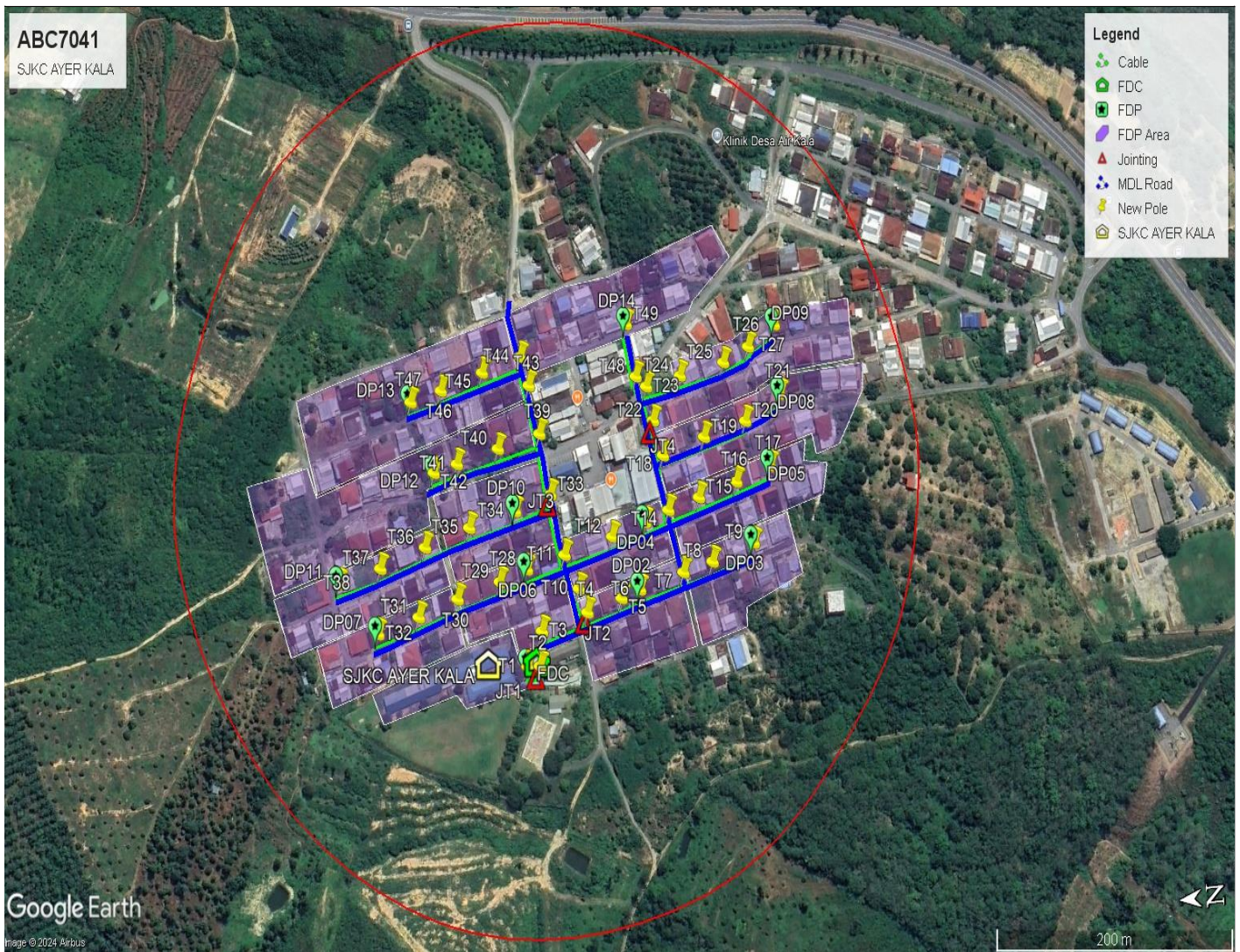
## 2.0 LOCAL AUTHORITY SUMMARY

Daerah Lenggong

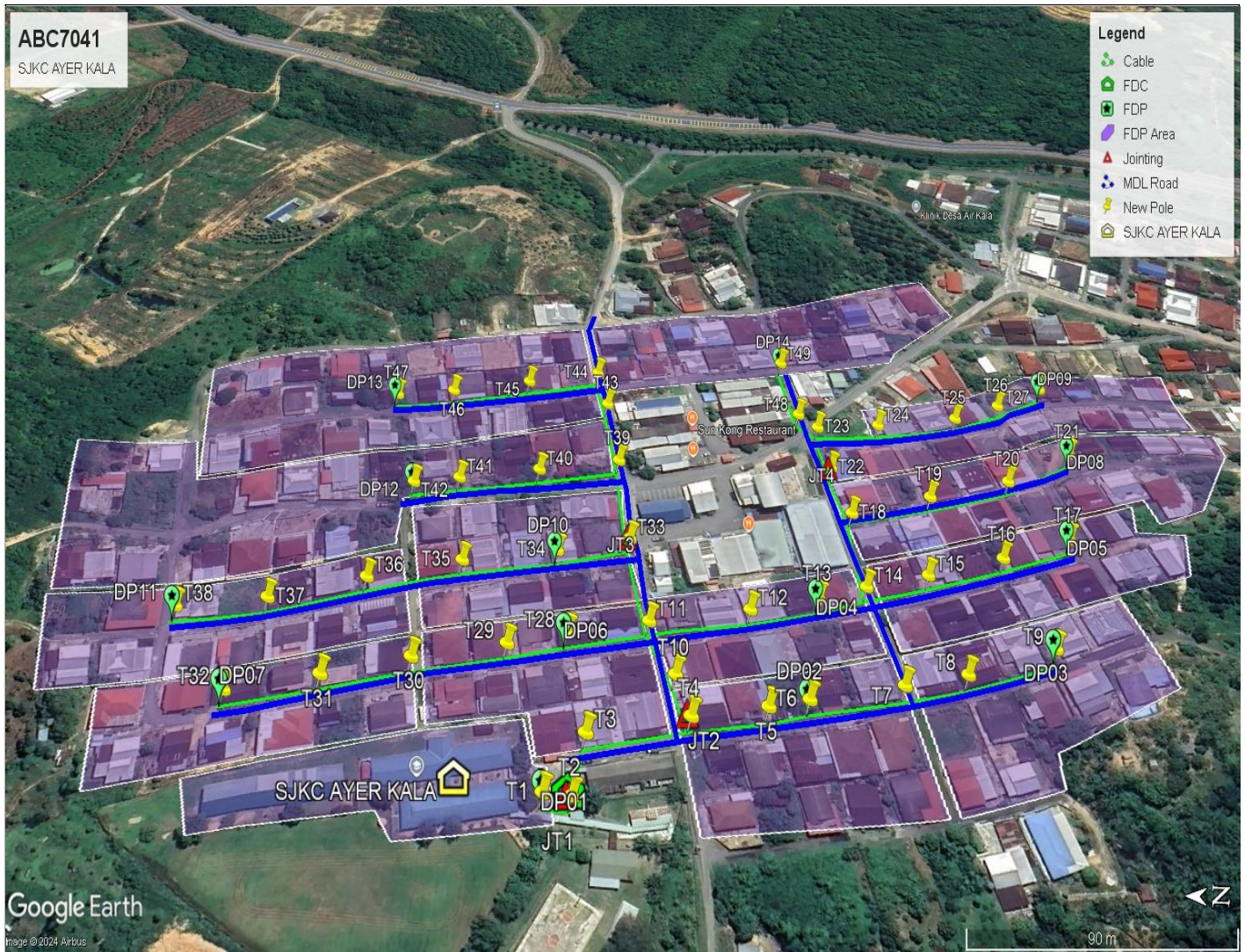
NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	-	-
		Majlis	-	-
		PDT	-	-
2	New Pole	JKR	-	-
		Majlis	49	1661
		PDT	-	-
<b>Total Distance (m)</b>				<b>1661</b>

### 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	24	5.196209	101.055669	Majlis Daerah Lenggong
2	T001	10	5.196304	101.055675	Majlis Daerah Lenggong
3	T002	24	5.196209	101.055669	Majlis Daerah Lenggong
4	T003	39	5.196177	101.055878	Majlis Daerah Lenggong
5	T004	31	5.195821	101.055963	Majlis Daerah Lenggong
6	T005	18	5.195549	101.056027	Majlis Daerah Lenggong
7	T006	38	5.195402	101.056068	Majlis Daerah Lenggong
8	T007	27	5.195054	101.056143	Majlis Daerah Lenggong
9	T008	36	5.194820	101.056189	Majlis Daerah Lenggong
10	T009	36	5.194491	101.056275	Majlis Daerah Lenggong
11	T010	17	5.195874	101.056113	Majlis Daerah Lenggong
12	T011	27	5.195969	101.056329	Majlis Daerah Lenggong
13	T012	43	5.195590	101.056410	Majlis Daerah Lenggong
14	T013	31	5.195324	101.056478	Majlis Daerah Lenggong
15	T014	22	5.195135	101.056538	Majlis Daerah Lenggong
16	T015	27	5.194888	101.056596	Majlis Daerah Lenggong
17	T016	36	5.194587	101.056666	Majlis Daerah Lenggong
18	T017	30	5.194314	101.056740	Majlis Daerah Lenggong
19	T018	38	5.195145	101.056884	Majlis Daerah Lenggong
20	T019	37	5.194811	101.056970	Majlis Daerah Lenggong
21	T020	35	5.194477	101.057040	Majlis Daerah Lenggong
22	T021	38	5.194186	101.057187	Majlis Daerah Lenggong
23	T022	27	5.195204	101.057109	Majlis Daerah Lenggong
24	T023	26	5.195238	101.057330	Majlis Daerah Lenggong
25	T024	30	5.194963	101.057379	Majlis Daerah Lenggong
26	T025	39	5.194609	101.057436	Majlis Daerah Lenggong
27	T026	26	5.194400	101.057520	Majlis Daerah Lenggong
28	T027	32	5.194175	101.057647	Majlis Daerah Lenggong
29	T028	28	5.196267	101.056265	Majlis Daerah Lenggong
30	T029	27	5.196481	101.056206	Majlis Daerah Lenggong
31	T030	36	5.196812	101.056130	Majlis Daerah Lenggong
32	T031	35	5.197115	101.056045	Majlis Daerah Lenggong
33	T032	35	5.197430	101.055972	Majlis Daerah Lenggong
34	T033	42	5.196050	101.056714	Majlis Daerah Lenggong
35	T034	30	5.196333	101.056633	Majlis Daerah Lenggong
36	T035	38	5.196695	101.056560	Majlis Daerah Lenggong
37	T036	41	5.197046	101.056468	Majlis Daerah Lenggong
38	T037	39	5.197398	101.056369	Majlis Daerah Lenggong



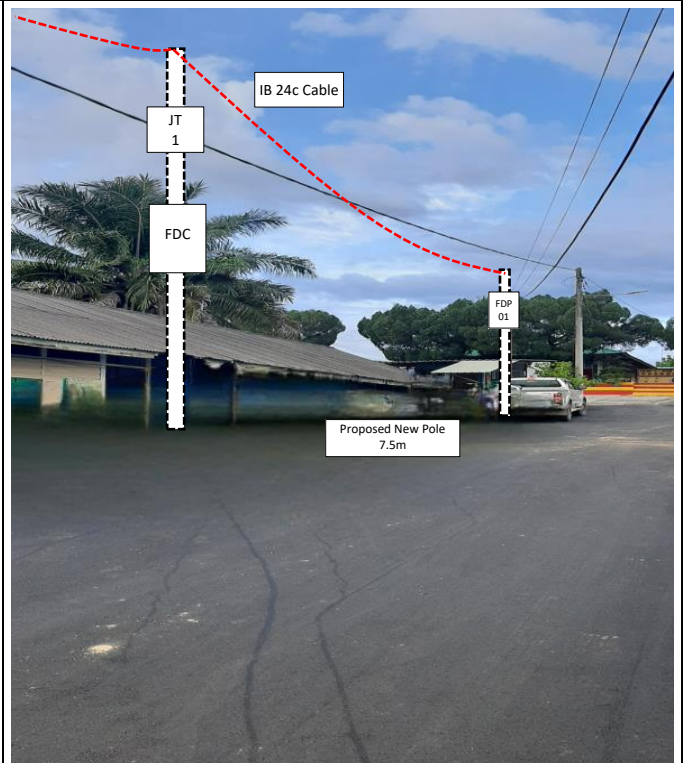
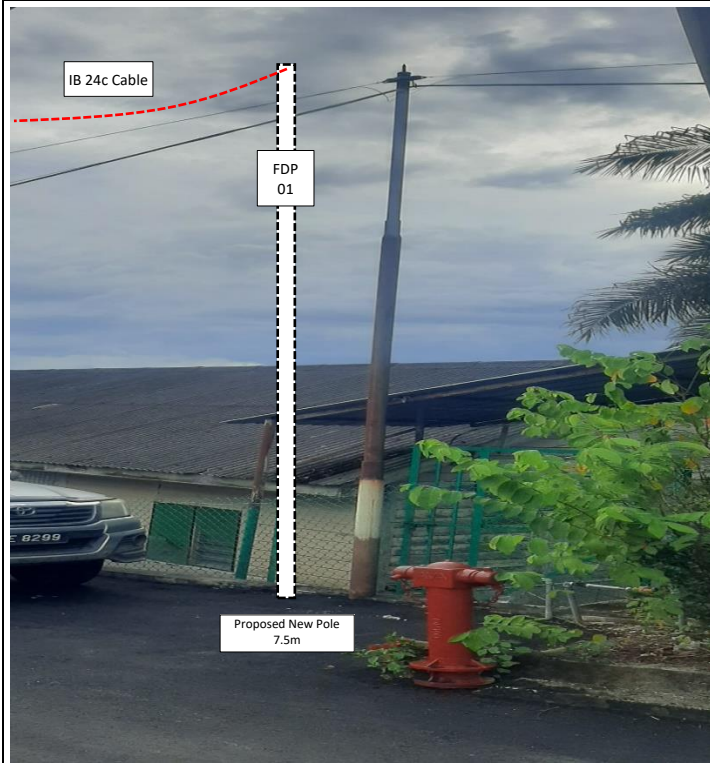
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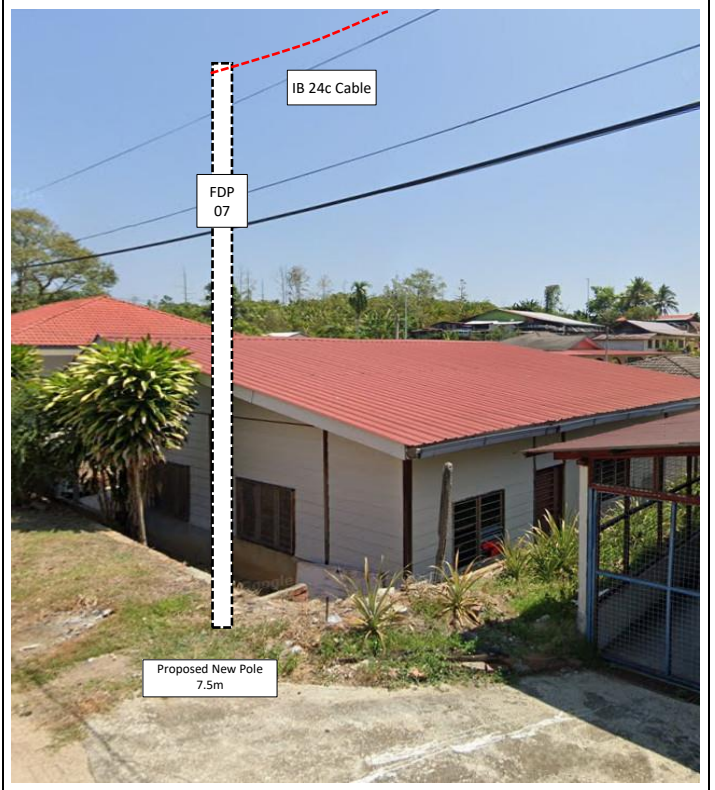
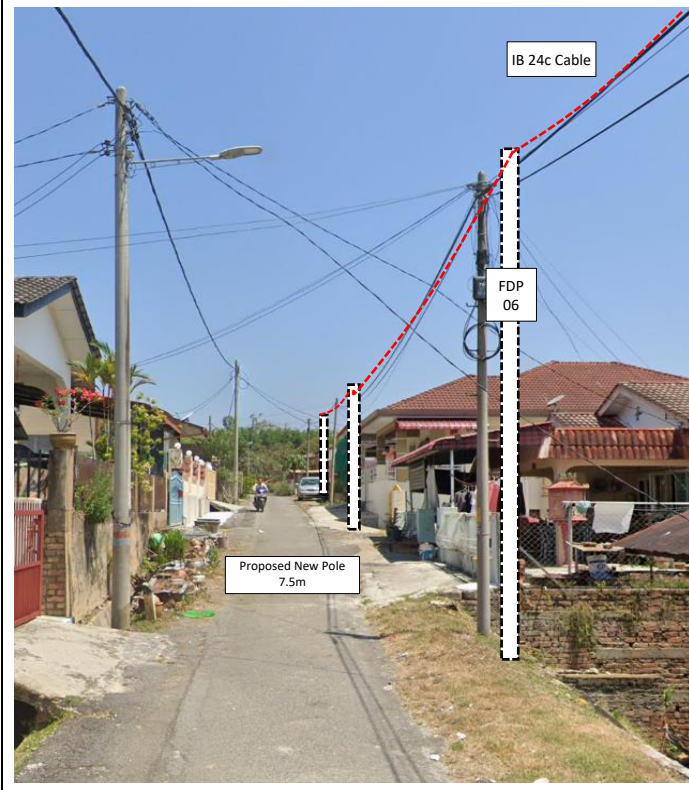
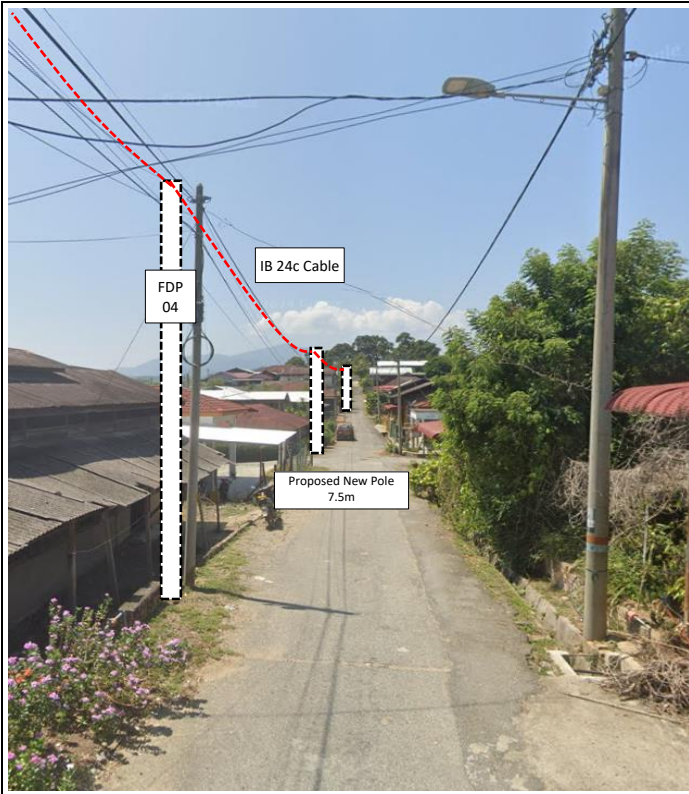


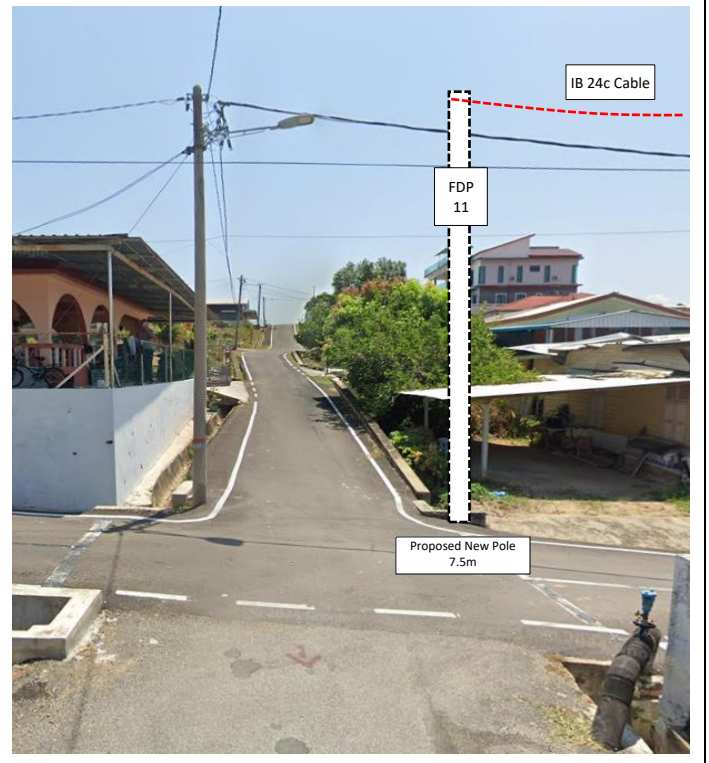
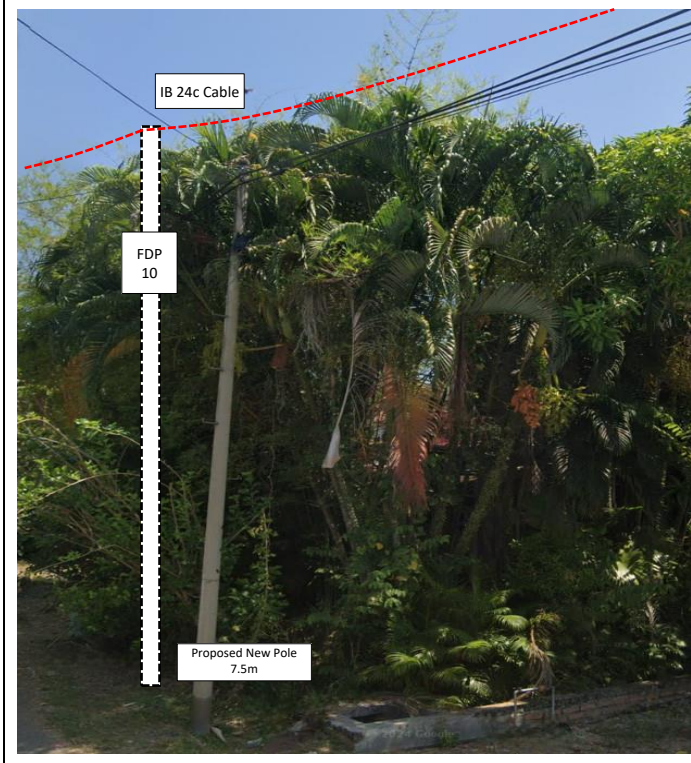
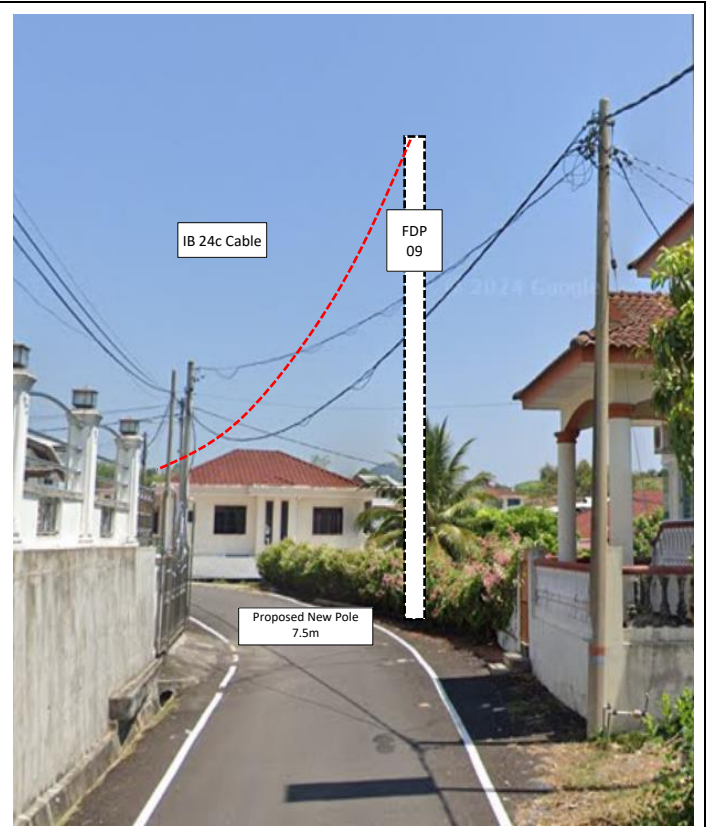
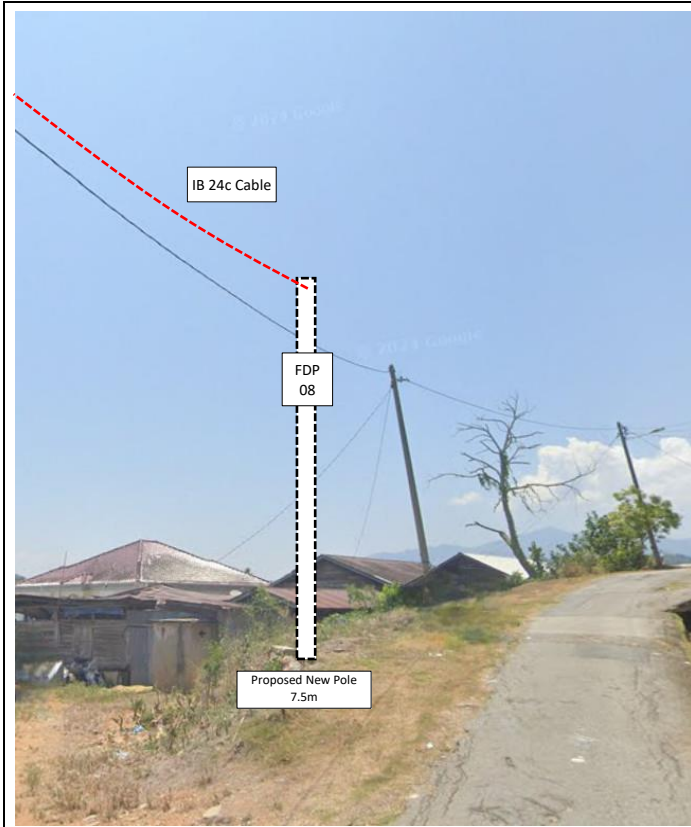
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(1388387-0)

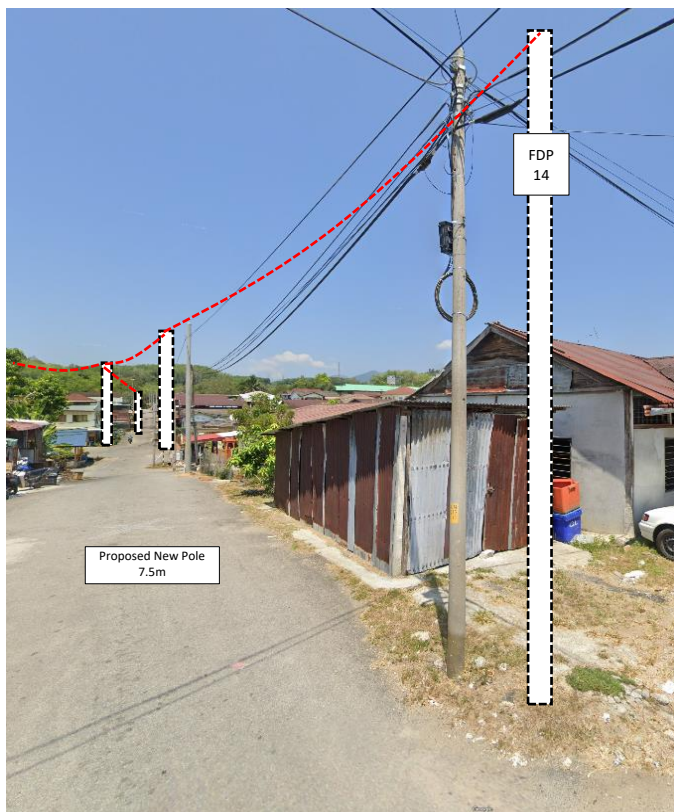
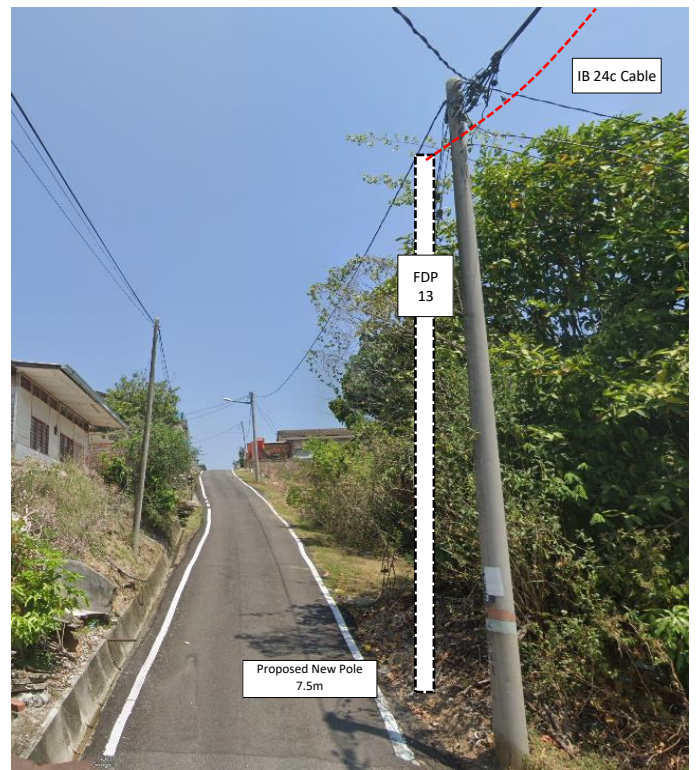
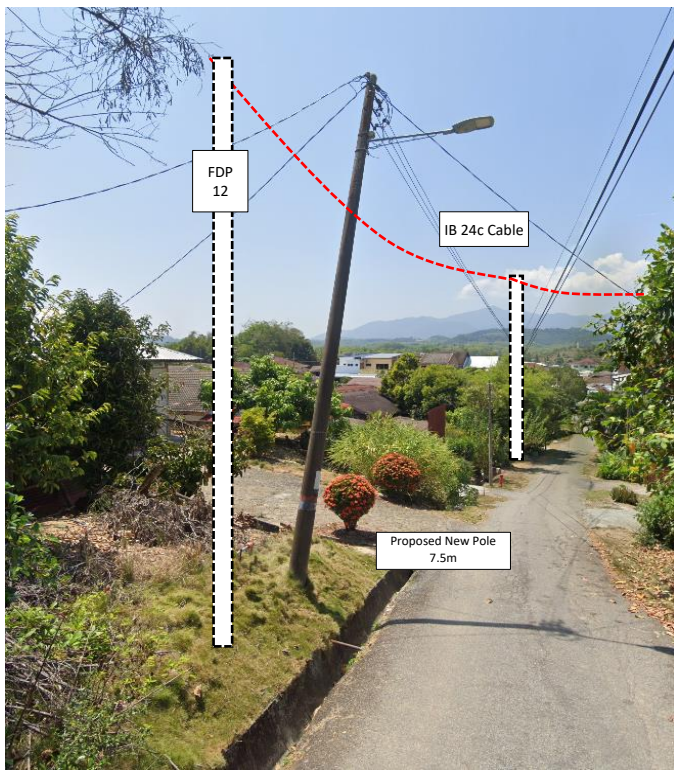
39	T038	39	5.197719	101.056304	Majlis Daerah Lenggong
40	T039	43	5.196107	101.057102	Majlis Daerah Lenggong
41	T040	38	5.196440	101.057035	Majlis Daerah Lenggong
42	T041	36	5.196766	101.056966	Majlis Daerah Lenggong
43	T042	20	5.196948	101.056924	Majlis Daerah Lenggong
44	T043	35	5.196168	101.057414	Majlis Daerah Lenggong
45	T044	21	5.196221	101.057603	Majlis Daerah Lenggong
46	T045	33	5.196530	101.057527	Majlis Daerah Lenggong
47	T046	38	5.196860	101.057437	Majlis Daerah Lenggong
48	T047	26	5.197100	101.057381	Majlis Daerah Lenggong
49	T048	11	5.195316	101.057402	Majlis Daerah Lenggong
50	T049	38	5.195364	101.057750	Majlis Daerah Lenggong

**5.0 SITE PHOTOS - PROPOSED NEW POLE**











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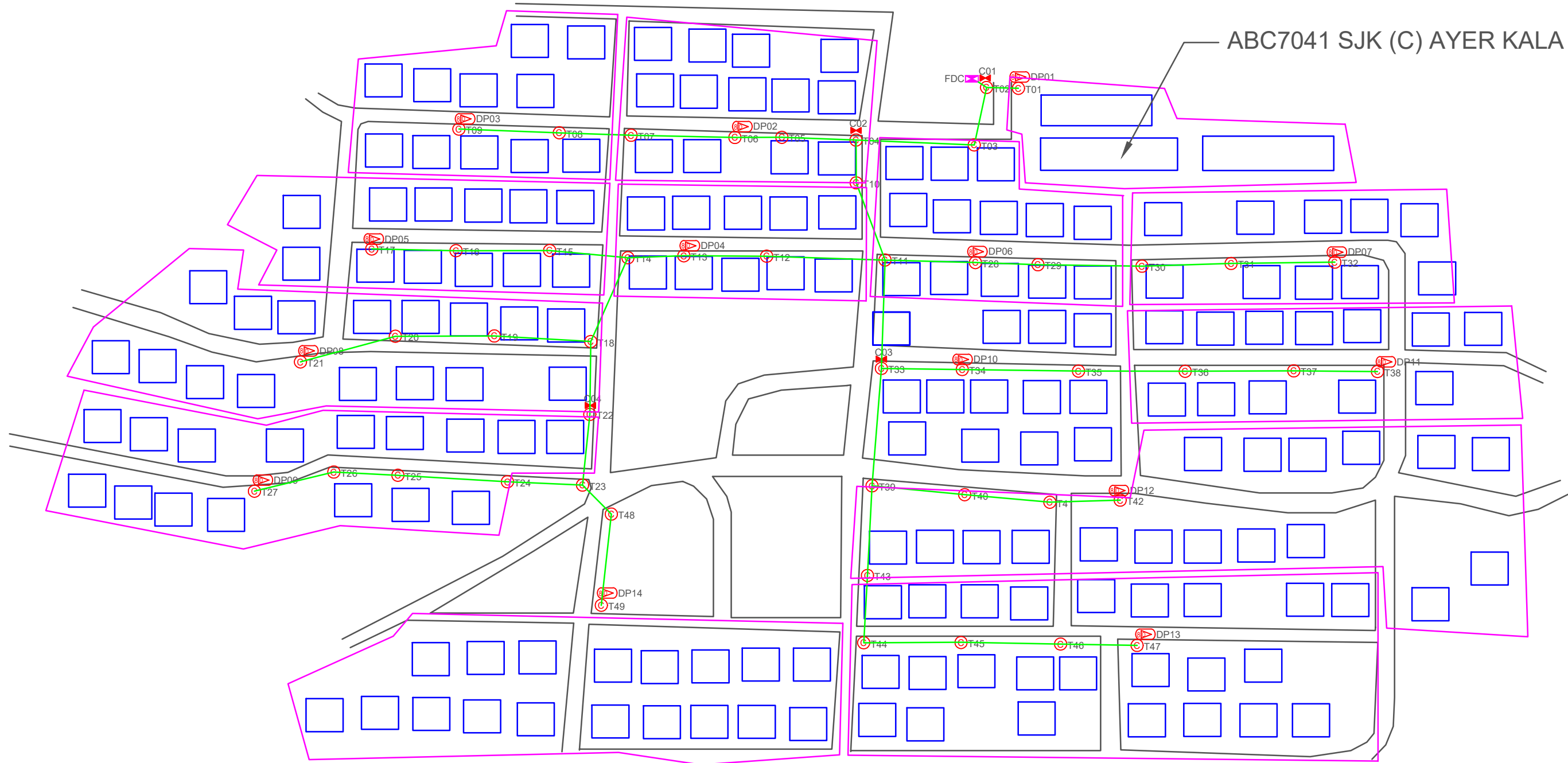


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## 6.0 3<sup>rd</sup> PARTIES DEPENDENCIES

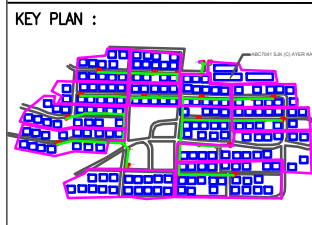
NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Lenggong	1661
2	JKR Daerah Lenggong	-

# ABC7041 SJK (C) AYER KALA



**TOTAL HOME PASSES: 112 UNITS**

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		New Pole NO.
	96C FOC		Closure		Suspension Small		LOOP		FDP1 FDP NO.
	144C FOC		New Manhole (PT)		FDC		FDC FDC NO.		SEE A-A in this page
	Installed Pole (7.5M)		Installed Pole (7.5M)		FDP Boundary		SEE SHEET XXXX		SEE SHEET XXXX



PROJECT OWNER :

KEMENTERIAN KOMUNIKASI

MAIN CONTRACTOR

**PRIVASAT**

SUB-CONTRACTOR :

**WABTECH SDN BHD**

PROJECT TITLE:

CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION, AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 PROJECT D-SIDE - ABC7041 - SJKC AYER KALA

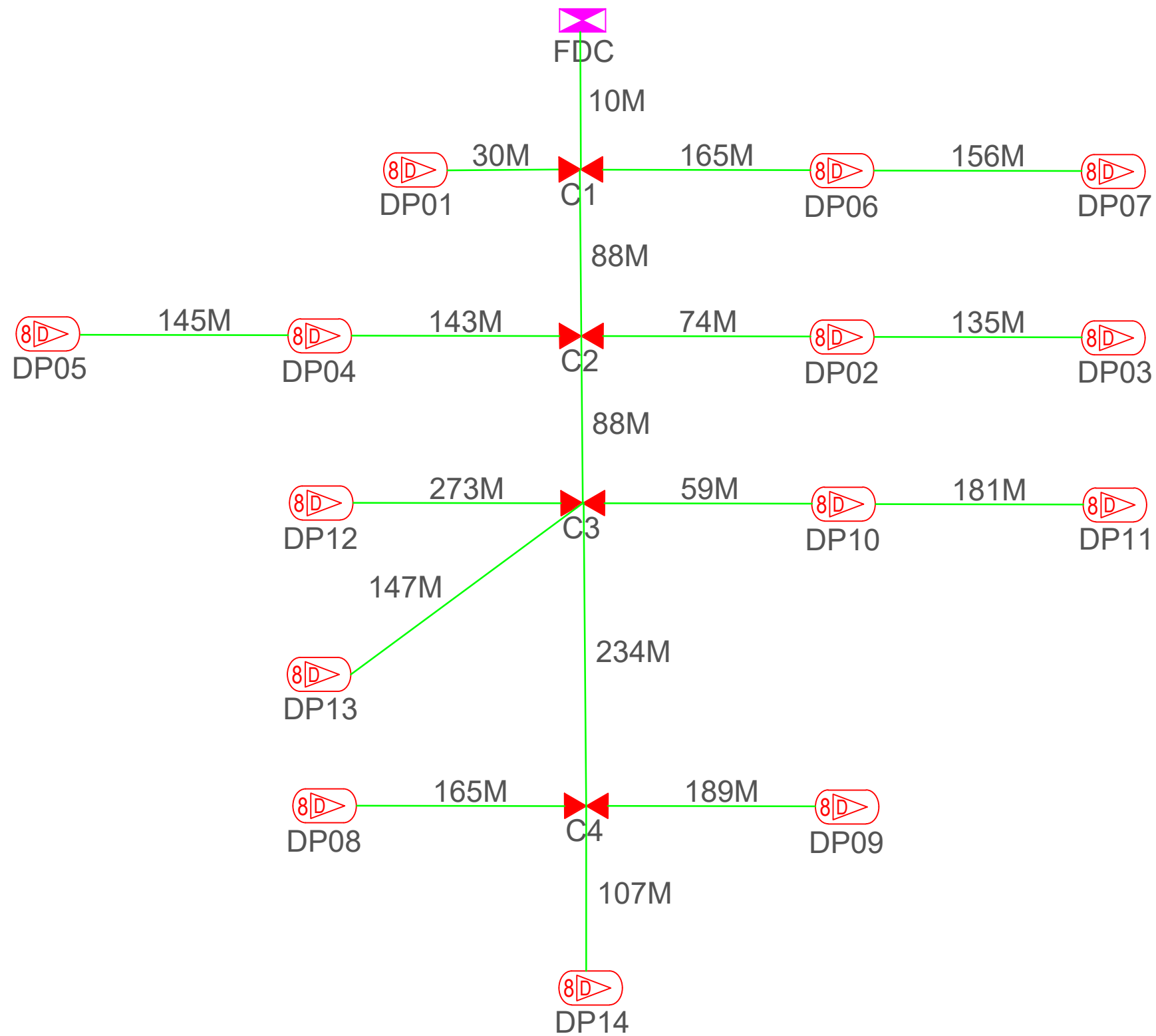
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PROJECT PHASE:

**PROJECT PHASE**

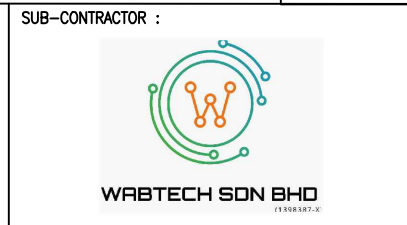
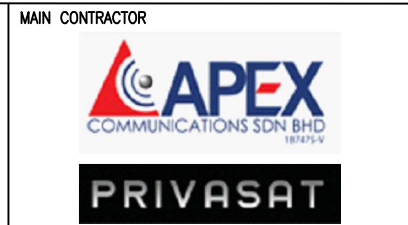
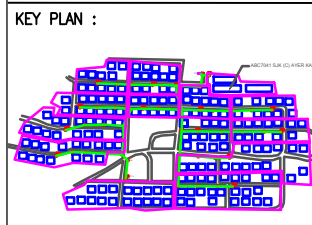
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TOTAL FOC DISTANCE: 2,414 METERS

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		GI Pipe		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



PROJECT TITLE:  
 CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION, AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 PROJECT D-SIDE - ABC7041 - SJKC AYER KALA

DRAWING TITLE:  
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PROJECT PHASE:  
**PROJECT PHASE**

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