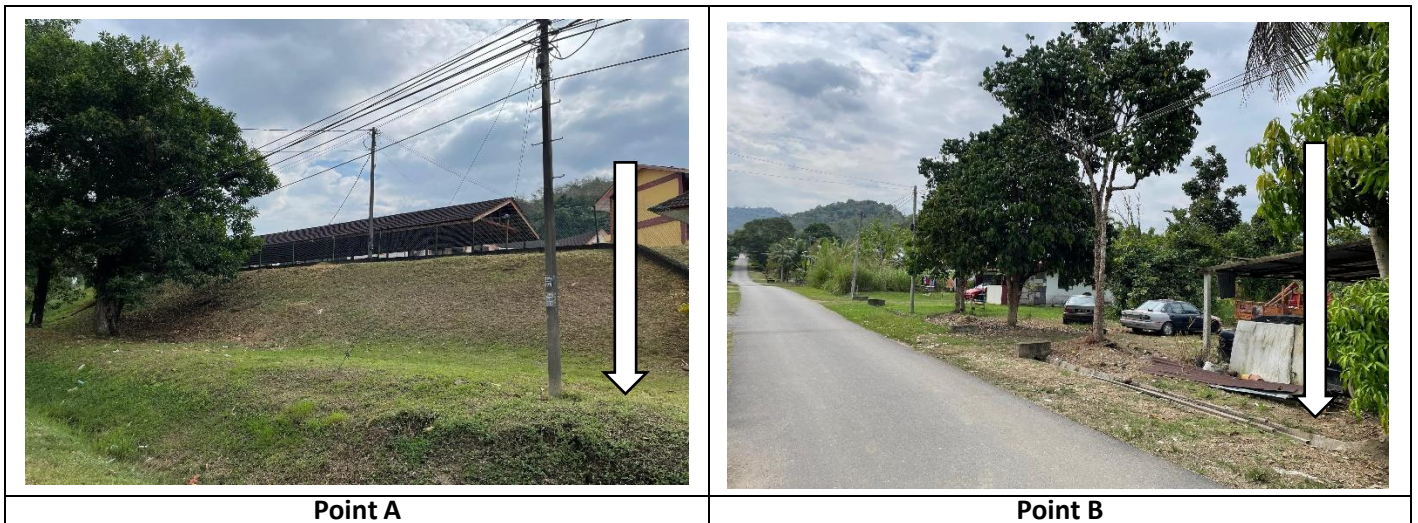


## TECHNICAL PROPOSAL

### POP2 AEA7004 SEKOLAH MENENGAH KEBANGSAAN DATO SERI WAN MOHAMED (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** : 28/01/2025



#### Starting Point

**Site / Boundary Name** : Sekolah Menengah Kebangsaan Dato Seri Wan Mohamed  
**Address** : Kampung Plang, 33310 Gerik, Perak.  
**District** : Gerik  
**Postcode** : 33310  
**State** : Perak  
**GPS Coordinate** : 5.553965, 101.118871  
**LRD** : A

#### End Point

**Site / Boundary Name** : Kampung Jong, Gerik  
**Address** : Kampung Jong, 33310 Gerik, Perak.  
**District** : Gerik  
**Postcode** : 33310  
**State** : Perak  
**GPS Coordinate** : 5.536308, 101.129614  
**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	56
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	5259m
2	Install New Pole	ea	117
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	20
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))



WABTECH SDN BHD  
(1398887-X)

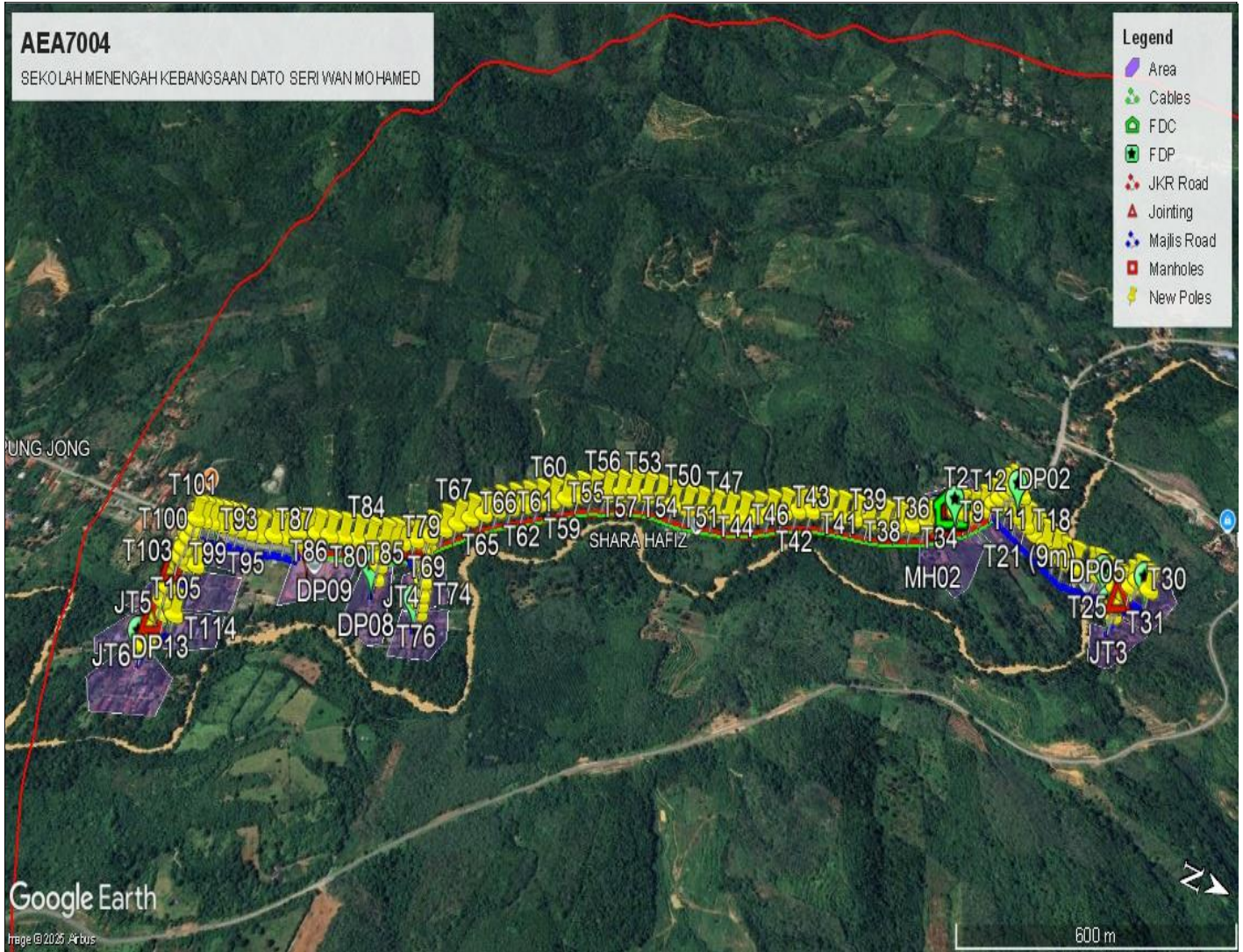
## 2.0 LOCAL AUTHORITY SUMMARY

Daerah Gerik

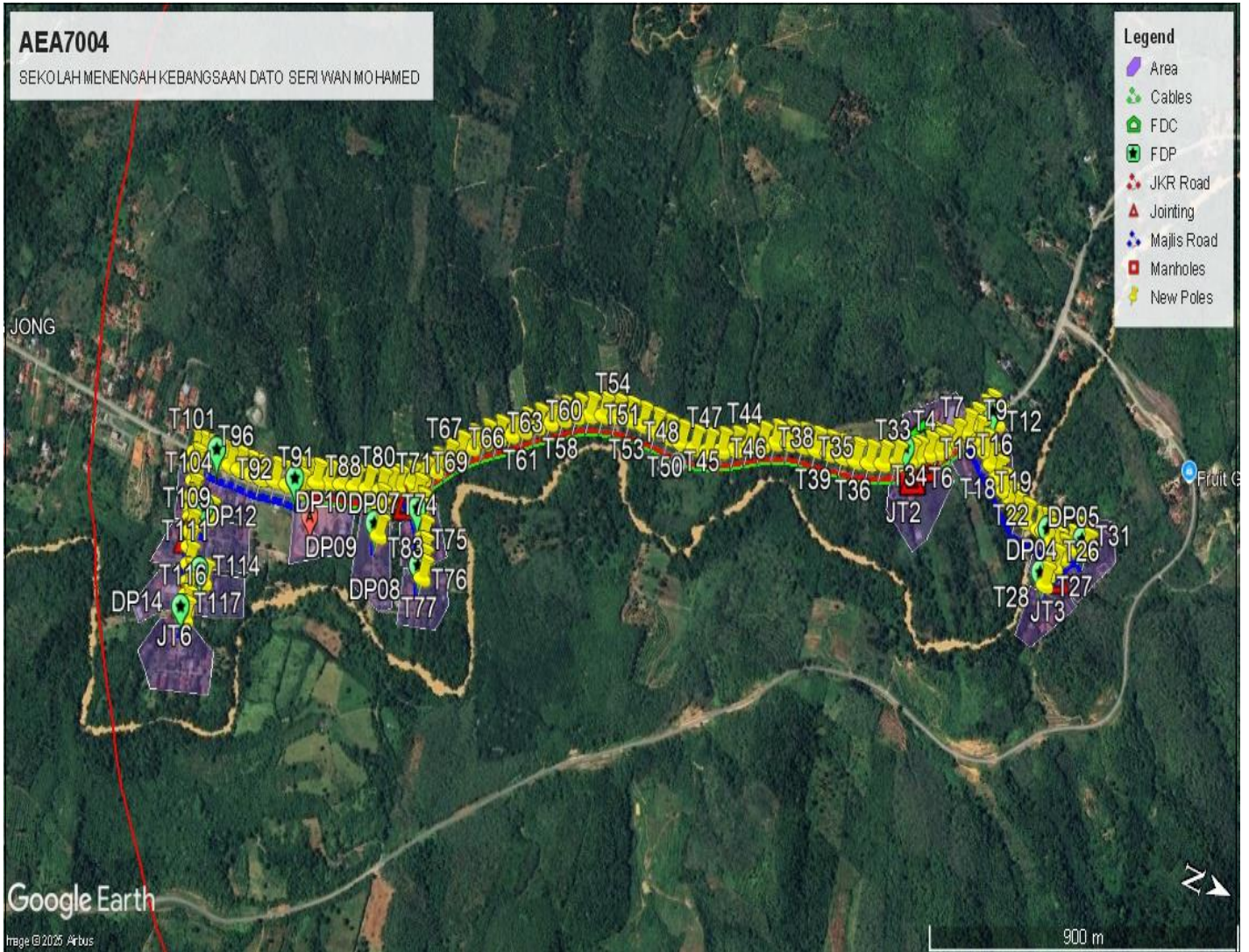
NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	1	56
		Majlis	-	-
		PDT	-	-
2	New Pole	JKR	70	2129
		Majlis	47	1829
		PDT	-	-
<b>Total Distance (m)</b>				<b>4014</b>

### 3.0 SITE PLAN (KMZ)

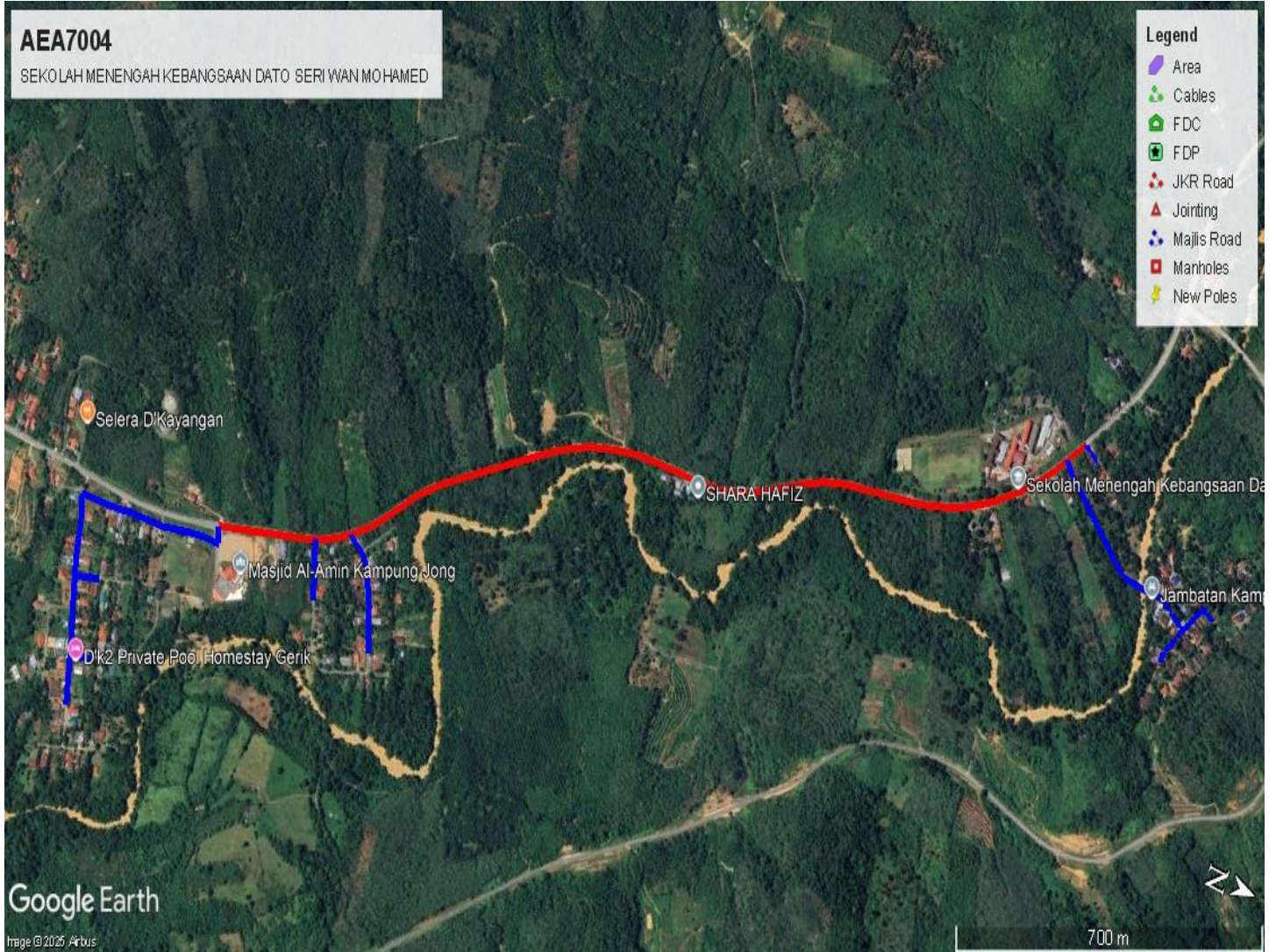
#### 3.1 Overview Site Area



### 3.2 Site boundry



### 3.3 Road Boundry



#### 4.0 PROPOSED NEW POLE

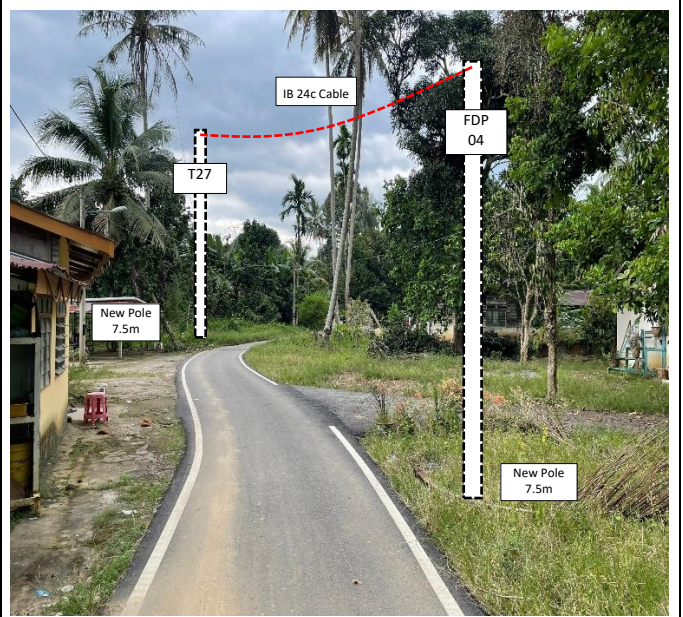
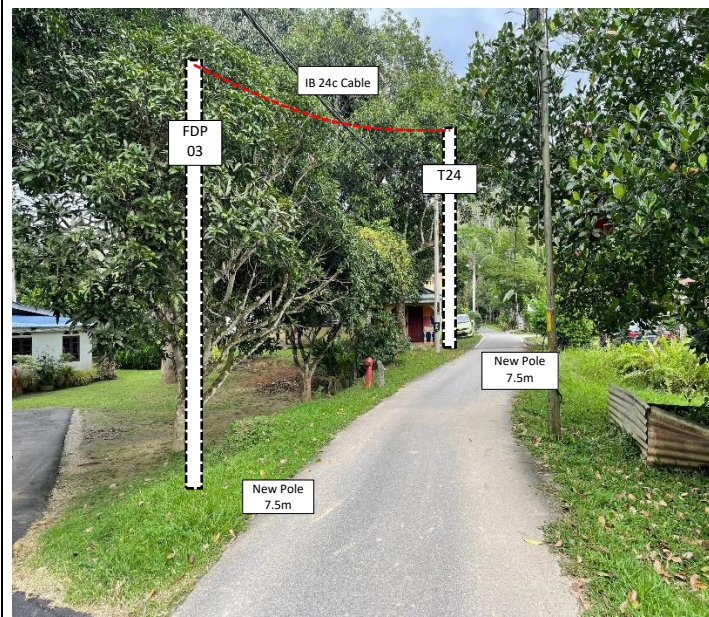
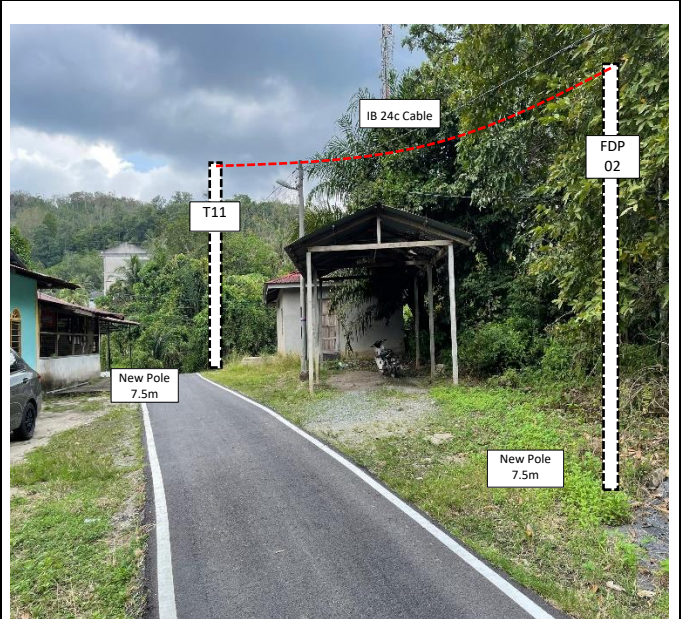
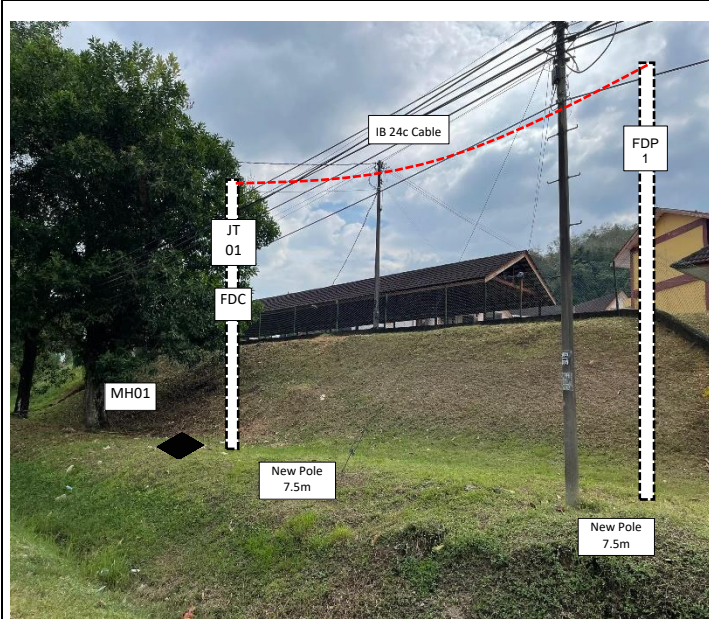
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	FDC POLE	10	5.553899	101.118926	JKR
2	T001	10	5.553899	101.118926	JKR
3	T002	56	5.553965	101.118872	JKR
4	T003	34	5.553698	101.119288	JKR
5	T004	31	5.553939	101.119096	JKR
6	T005	20	5.554178	101.118954	JKR
7	T006	39	5.554305	101.118826	JKR
8	T007	40	5.554538	101.118567	JKR
9	T008	26	5.554776	101.118293	JKR
10	T009	32	5.554908	101.118105	JKR
11	T010	23	5.555074	101.117865	JKR
12	T011	32	5.555202	101.117701	JKR
13	T012	34	5.555462	101.117830	Majlis Daerah Gerik
14	T013	35	5.555137	101.118307	Majlis Daerah Gerik
15	T014	32	5.555394	101.118483	Majlis Daerah Gerik
16	T015	35	5.555630	101.118659	Majlis Daerah Gerik
17	T016	36	5.555887	101.118839	Majlis Daerah Gerik
18	T017	35	5.556155	101.119026	Majlis Daerah Gerik
19	T018	28	5.556414	101.119217	Majlis Daerah Gerik
20	T019	29	5.556629	101.119354	Majlis Daerah Gerik
21	T020	46	5.556888	101.119386	Majlis Daerah Gerik
22	T021 (Pole 9m)	16	5.557299	101.119401	Majlis Daerah Gerik
23	T022 (Pole 9m)	32	5.557439	101.119380	Majlis Daerah Gerik
24	T023	23	5.557702	101.119506	Majlis Daerah Gerik
25	T024	23	5.557882	101.119604	Majlis Daerah Gerik
26	T025	31	5.558064	101.119705	Majlis Daerah Gerik
27	T026	26	5.557946	101.119959	Majlis Daerah Gerik
28	T027	25	5.557824	101.120162	Majlis Daerah Gerik
29	T028	35	5.557824	101.120390	Majlis Daerah Gerik
30	T029	32	5.558230	101.119436	Majlis Daerah Gerik
31	T030	34	5.558388	101.119200	Majlis Daerah Gerik
32	T031	22	5.558659	101.119350	Majlis Daerah Gerik
33	T032	42	5.553527	101.119395	JKR
34	T033	41	5.553196	101.119587	JKR
35	T034	41	5.552858	101.119726	JKR
36	T035	40	5.552512	101.119852	JKR
37	T036	41	5.552165	101.119939	JKR
38	T037	41	5.551798	101.120003	JKR
39	T038	41	5.551431	101.120071	JKR

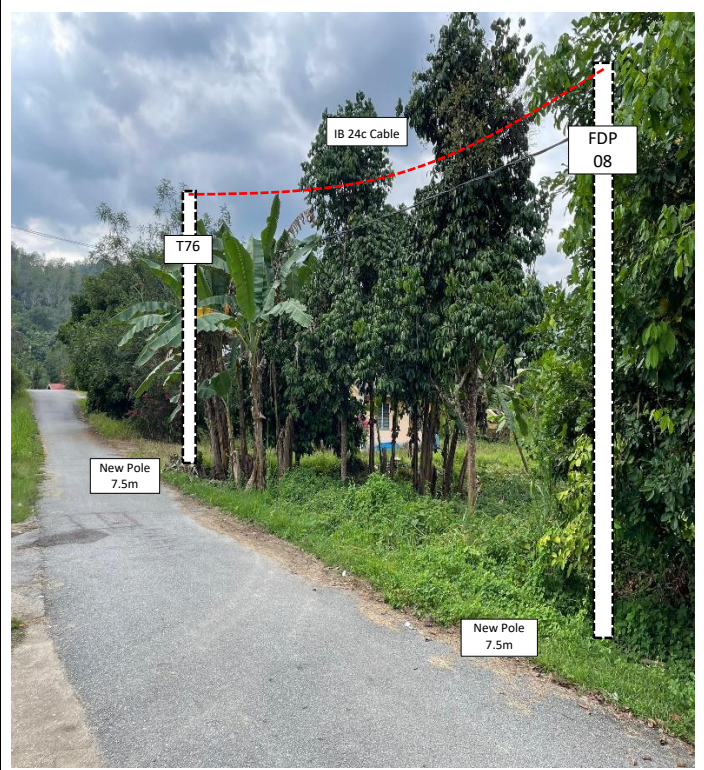
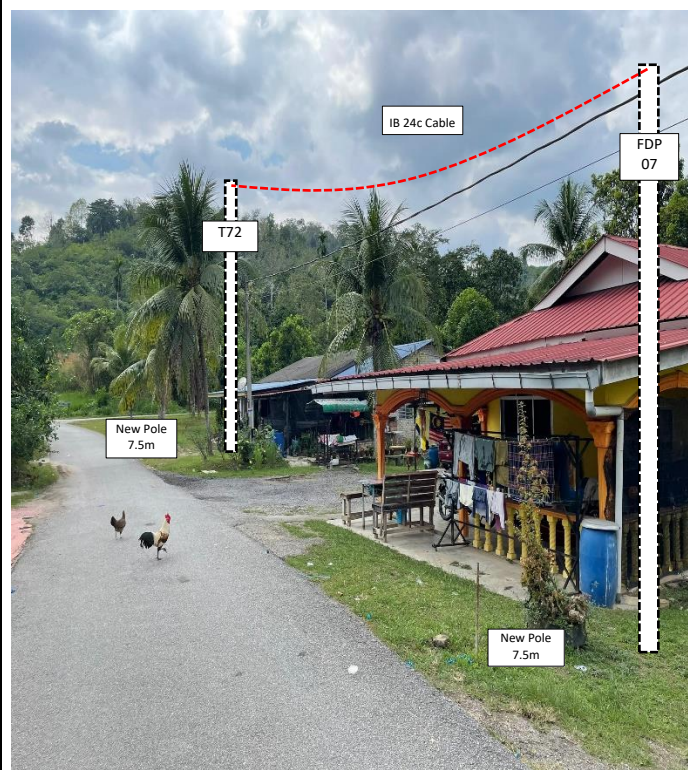
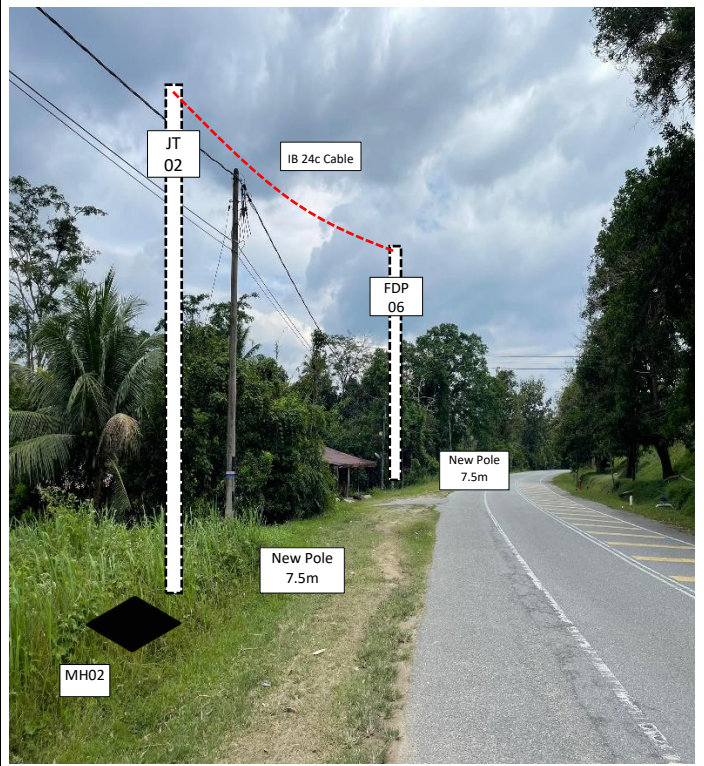
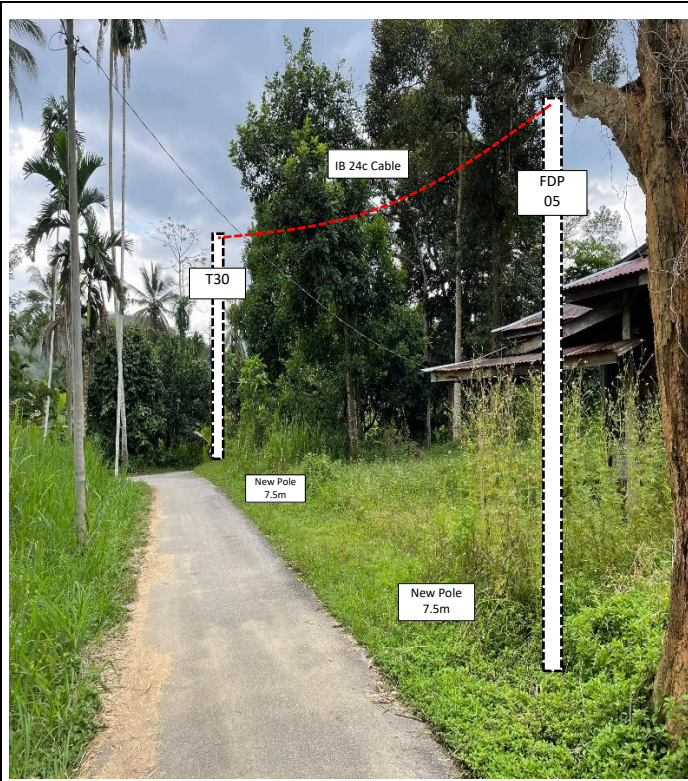
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
40	T039	41	5.551070	101.120133	JKR
41	T040	42	5.550703	101.120196	JKR
42	T041	41	5.550332	101.120281	JKR
43	T042	41	5.549982	101.120409	JKR
44	T043	41	5.549655	101.120580	JKR
45	T044	41	5.549326	101.120753	JKR
46	T045	41	5.549007	101.120935	JKR
47	T046	41	5.548676	101.121090	JKR
48	T047	41	5.548331	101.121235	JKR
49	T048	42	5.547969	101.121319	JKR
50	T049	42	5.547594	101.121361	JKR
51	T050	41	5.547220	101.121378	JKR
52	T051	41	5.546852	101.121383	JKR
53	T052	41	5.546483	101.121399	JKR
54	T053	41	5.546116	101.121436	JKR
55	T054	40	5.545754	101.121508	JKR
56	T055	41	5.545412	101.121613	JKR
57	T056	40	5.545066	101.121743	JKR
58	T057	40	5.544739	101.121897	JKR
59	T058	41	5.544426	101.122082	JKR
60	T059	40	5.544117	101.122287	JKR
61	T060	40	5.543814	101.122489	JKR
62	T061	40	5.543517	101.122696	JKR
63	T062	40	5.543220	101.122905	JKR
64	T063	40	5.542914	101.123105	JKR
65	T064	41	5.542609	101.123302	JKR
66	T065	41	5.542317	101.123531	JKR
67	T066	40	5.542049	101.123782	JKR
68	T067	41	5.541804	101.124050	JKR
69	T068	42	5.541565	101.124331	JKR
70	T069	41	5.541297	101.124601	JKR
71	T070	35	5.541016	101.124839	JKR
72	T071	33	5.541288	101.125005	Majlis Daerah Gerik
73	T072	23	5.541468	101.125241	Majlis Daerah Gerik
74	T073	39	5.541579	101.125414	Majlis Daerah Gerik
75	T074	39	5.541738	101.125726	Majlis Daerah Gerik
76	T075	26	5.541858	101.126055	Majlis Daerah Gerik
77	T076	24	5.541937	101.126276	Majlis Daerah Gerik
78	T077	39	5.542018	101.126476	Majlis Daerah Gerik
79	T078	26	5.540728	101.125033	JKR
80	T079	26	5.540525	101.125140	JKR
81	T080	37	5.540318	101.125249	JKR
82	T081	26	5.540415	101.125566	Majlis Daerah Gerik

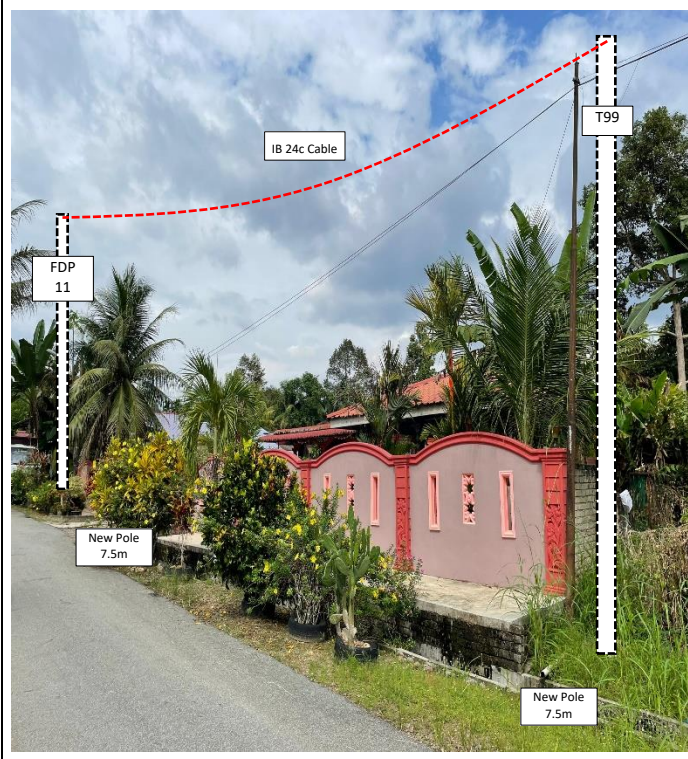
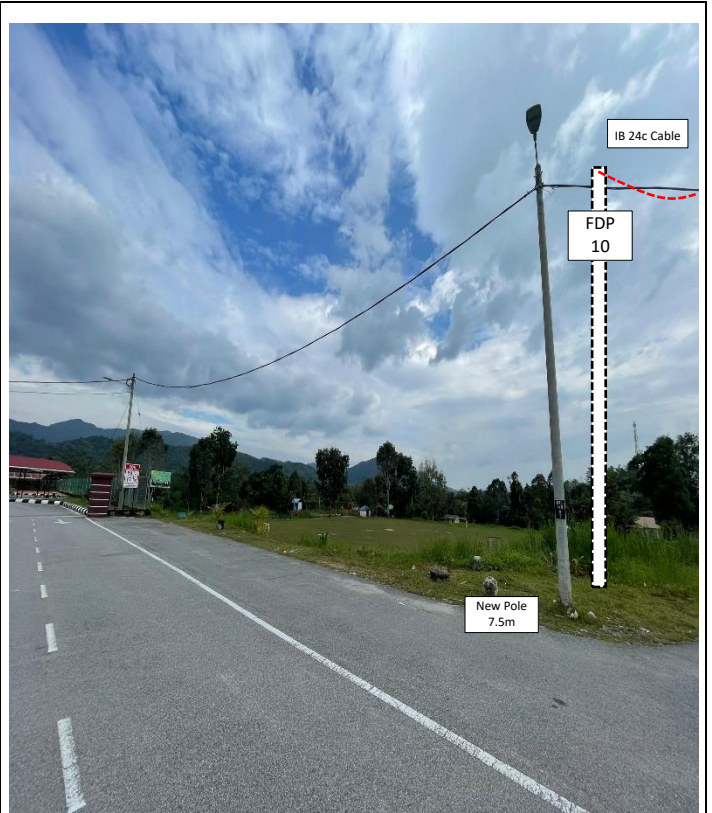
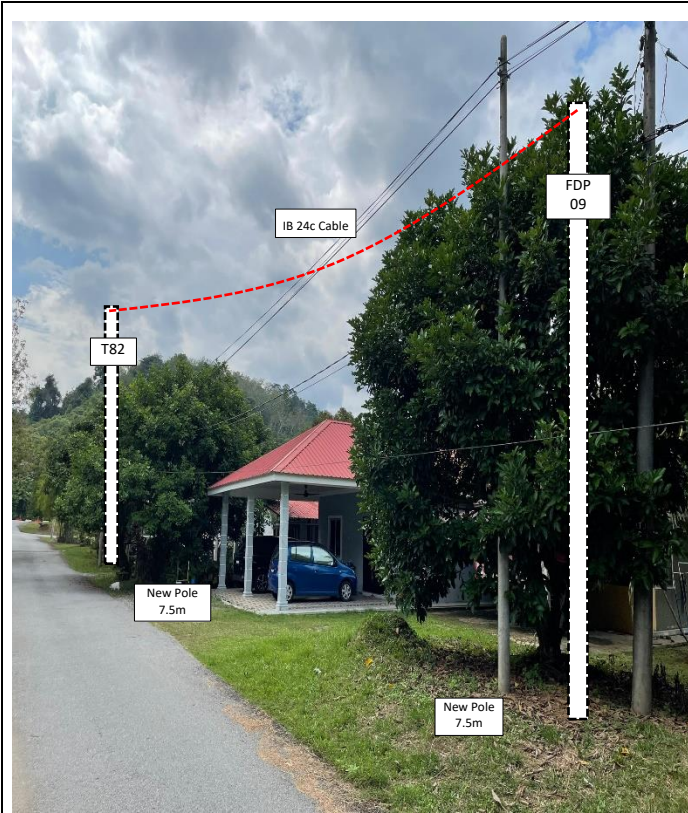
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
83	T082	39	5.540494	101.125787	Majlis Daerah Gerik
84	T083	40	5.540603	101.126121	Majlis Daerah Gerik
85	T084	38	5.539974	101.125351	JKR
86	T085	40	5.539640	101.125438	JKR
87	T086	40	5.539296	101.125528	JKR
88	T087	35	5.538952	101.125628	JKR
89	T088	26	5.538651	101.125731	JKR
90	T089	30	5.538429	101.125802	JKR
91	T090	26	5.538161	101.125865	JKR
92	T091	26	5.538277	101.126066	Majlis Daerah Gerik
93	T092	40	5.537934	101.126070	Majlis Daerah Gerik
94	T093	44	5.537575	101.126120	Majlis Daerah Gerik
95	T094	33	5.537191	101.126222	Majlis Daerah Gerik
96	T095	35	5.536893	101.126251	Majlis Daerah Gerik
97	T096	29	5.536575	101.126272	Majlis Daerah Gerik
98	T097	29	5.536310	101.126290	Majlis Daerah Gerik
99	T098	32	5.536051	101.126316	Majlis Daerah Gerik
100	T099	26	5.535765	101.126346	Majlis Daerah Gerik
101	T100	24	5.535533	101.126367	Majlis Daerah Gerik
102	T101	33	5.535321	101.126392	Majlis Daerah Gerik
103	T102	31	5.535431	101.126671	Majlis Daerah Gerik
104	T103	35	5.535507	101.126935	Majlis Daerah Gerik
105	T104	28	5.535581	101.127237	Majlis Daerah Gerik
106	T105	20	5.535653	101.127475	Majlis Daerah Gerik
107	T106	27	5.535715	101.127645	Majlis Daerah Gerik
108	T107	28	5.535942	101.127565	Majlis Daerah Gerik
109	T108	32	5.536181	101.127500	Majlis Daerah Gerik
110	T109	34	5.535787	101.127923	Majlis Daerah Gerik
111	T110	39	5.535883	101.128214	Majlis Daerah Gerik
112	T111	40	5.535997	101.128546	Majlis Daerah Gerik
113	T112	23	5.536108	101.128887	Majlis Daerah Gerik
114	T113	25	5.536304	101.128813	Majlis Daerah Gerik
115	T114	28	5.536511	101.128732	Majlis Daerah Gerik
116	T115	31	5.536178	101.129131	Majlis Daerah Gerik
117	T116	24	5.536258	101.129402	Majlis Daerah Gerik
118	T117	40	5.536310	101.129613	Majlis Daerah Gerik
121	MH01	56	5.553896	101.118928	JKR
122	MH02	56	5.553701	101.119287	JKR

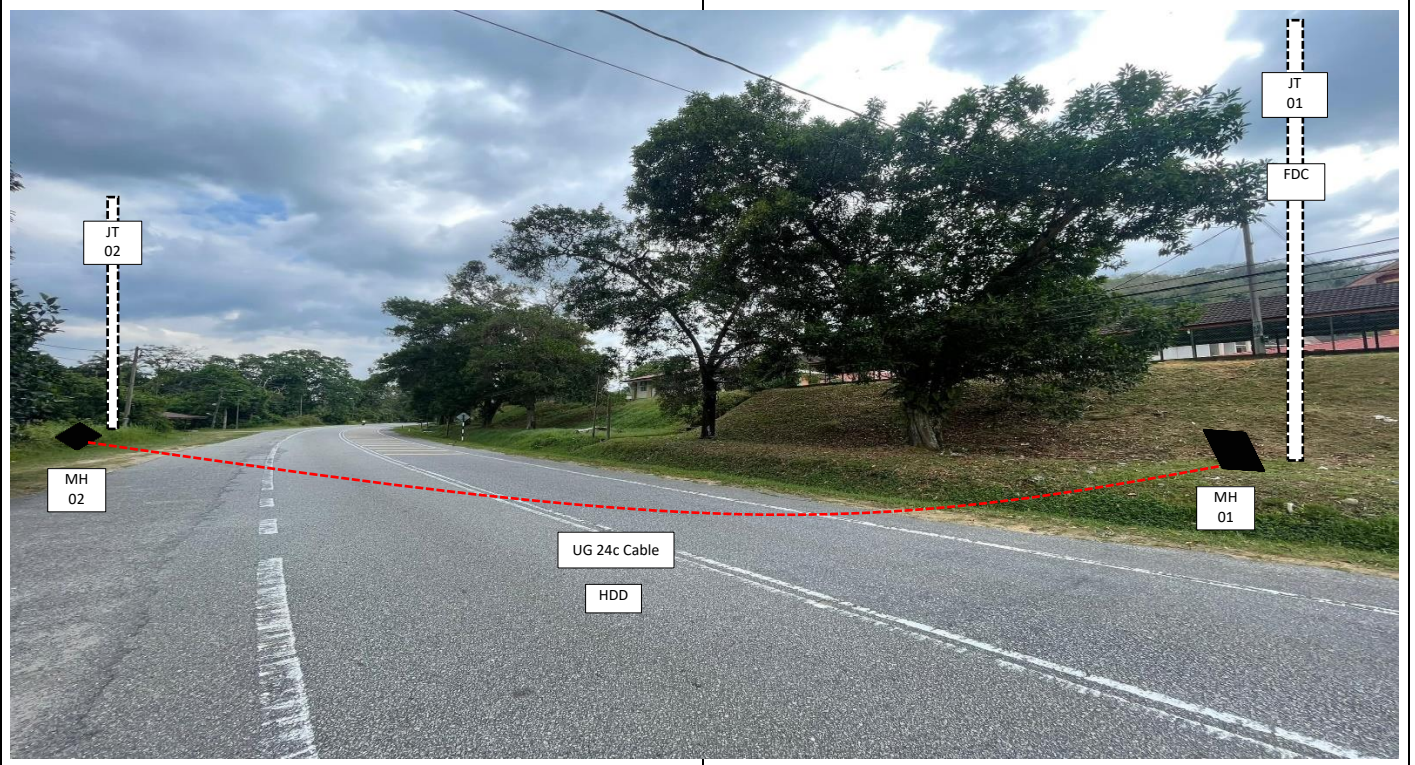
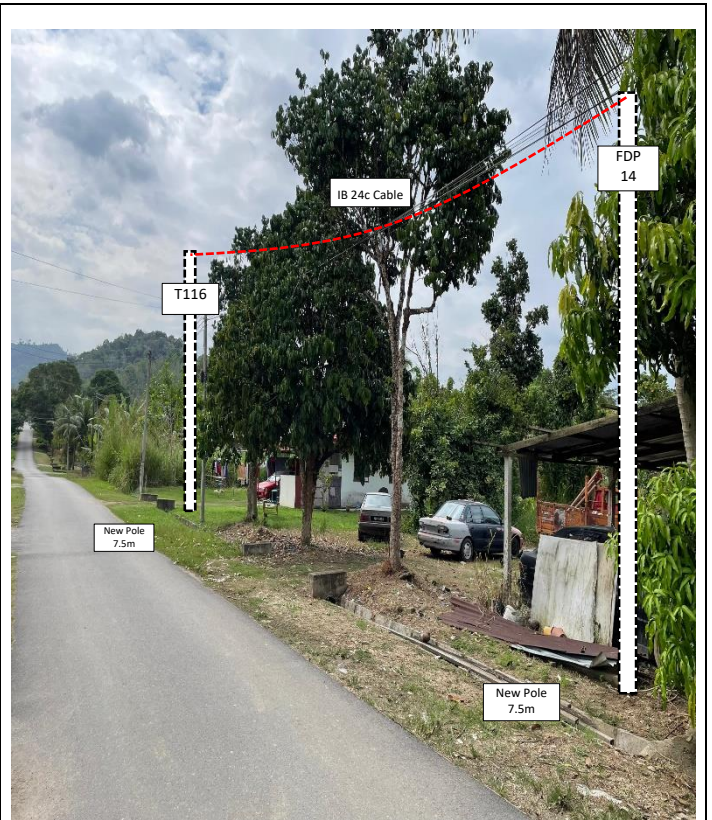
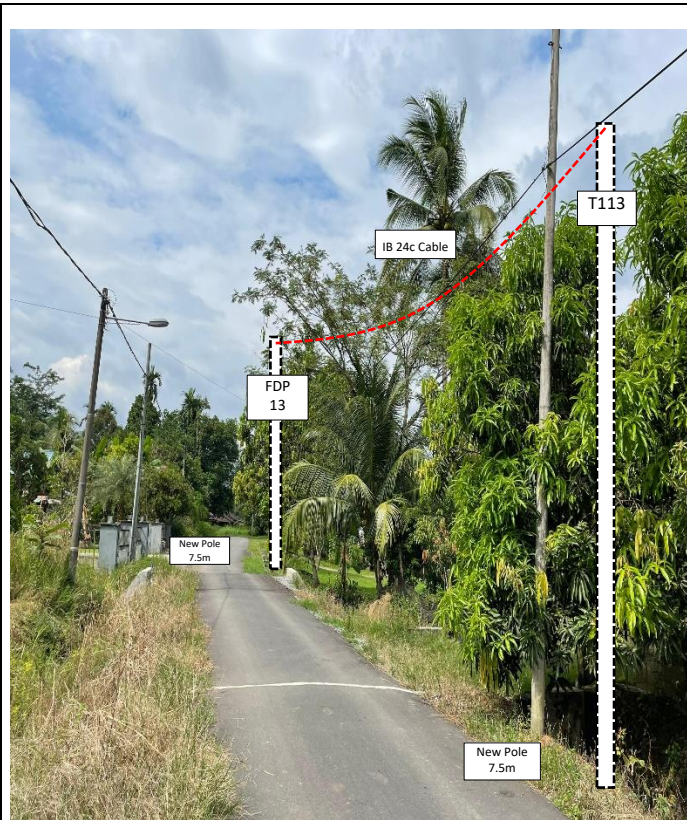
No.	Type	7.5m	9m	Total
1	No. of poles	115	2	117

**5.0 SITE PHOTOS - PROPOSED NEW POLE**











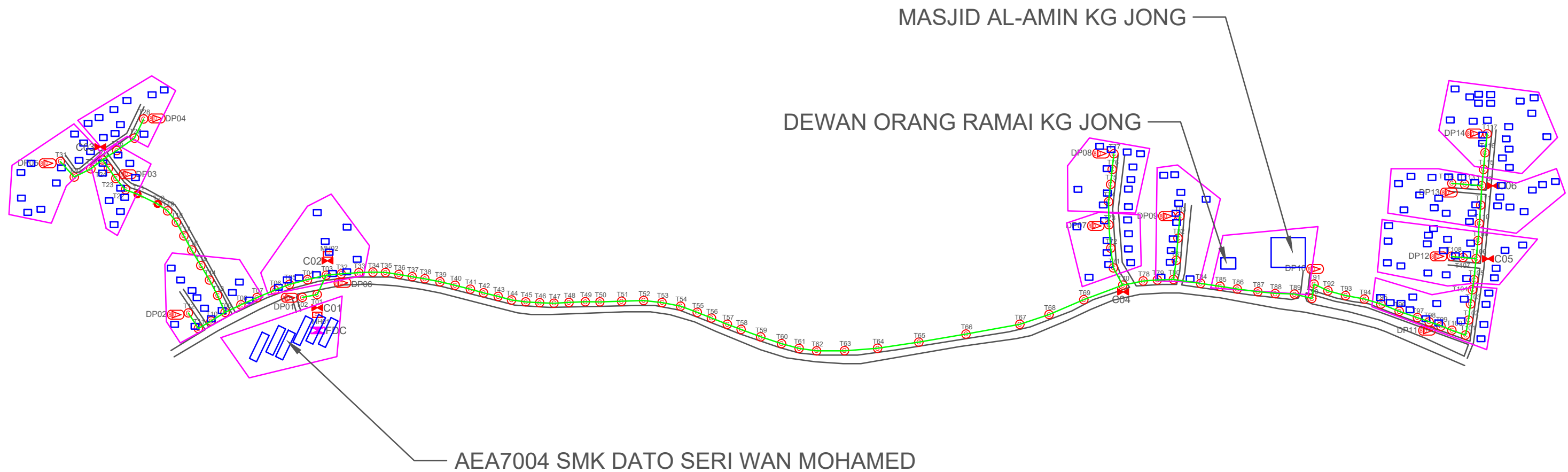
PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)  
FASA 2: HAB INFRASTRUTUK GENTIAN OPTIK BERHAMPIRAN DENGAN  
SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI  
SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA  
(KKMM.400-11/17/132(1))



WABTECH SDN BHD  
(1398387-X)

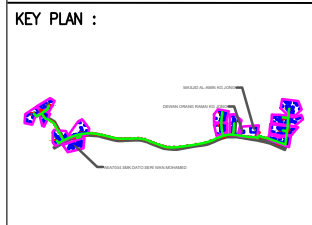
## 6.0 3<sup>rd</sup> PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Gerik	1829m
2	JKR Daerah Gerik	2129m



**TOTAL HOME PASSES: 112 UNITS**

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 SHEET XXXX
	144C FOC		Installed Pole (7.5M)		FDC		FDP Boundary		FDC NO.		SEE SHEET XXXX



PROJECT OWNER :

MAIN CONTRACTOR

PRIVASAT

SUB-CONTRACTOR :

PROJECT TITLE:

CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION, AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 PROJECT D-SIDE - AEA7004 - SMK DATO SERI WAN MOHAMED

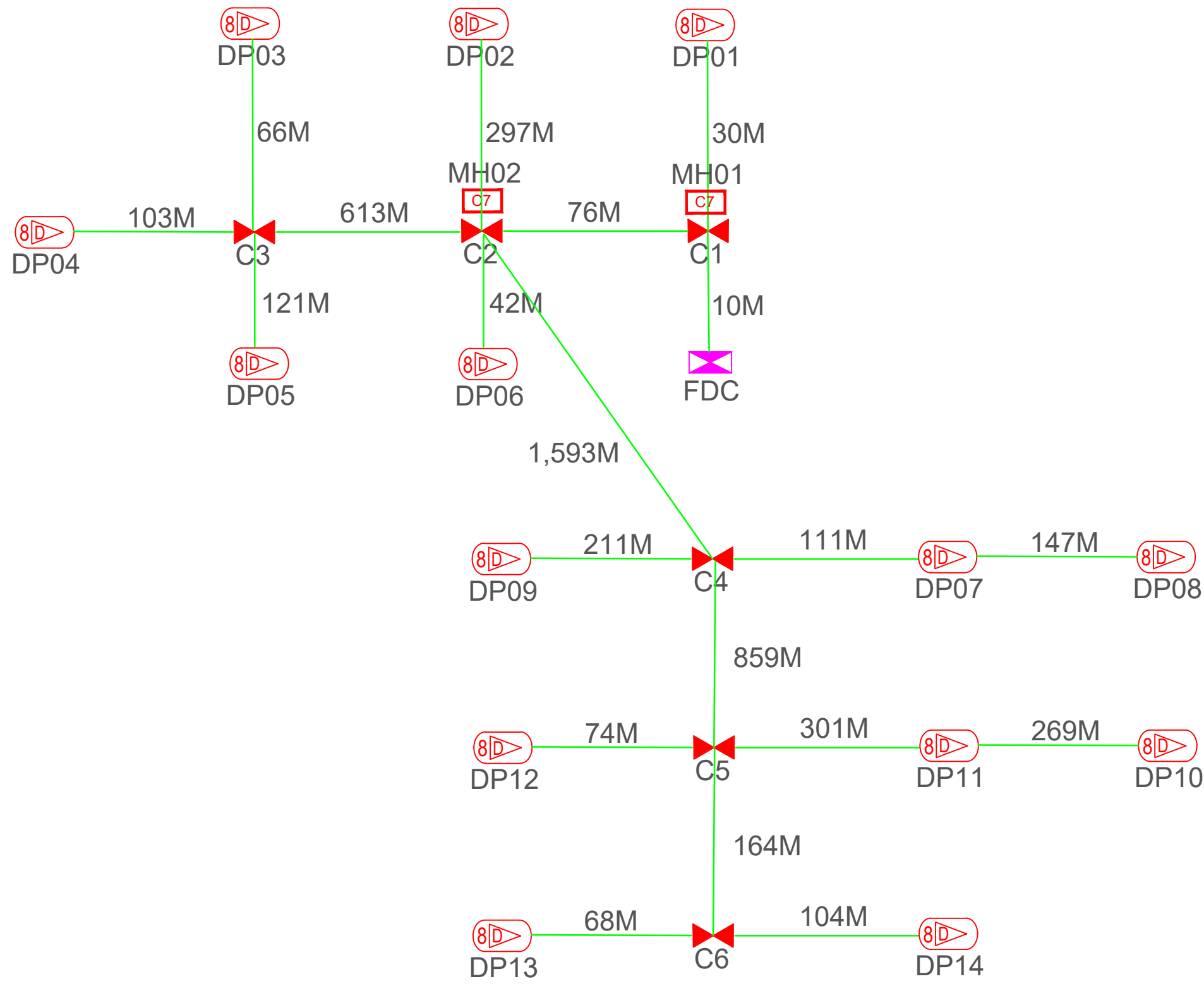
DRAWING TITLE:

AEA7004 SMK DATO SERI WAN MOHAMED

PROJECT PHASE:

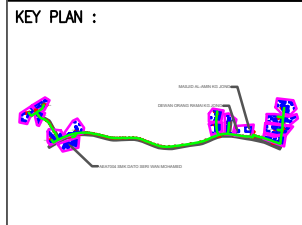
PROJECT PHASE

Design By	ENGINEER	Date	DATE
Drawn By	CAD ENGINEER	Scale	NTS
Checked By	ENGINEER	Job Number	JOB/NUMBER
DRAWING NUMBER :		Sheet :	
DRAWING/NUMBER		1/1	
THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY			
Size : A3			



**TOTAL FOC DISTANCE: 5,259 METERS**

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



PROJECT OWNER :

MAIN CONTRACTOR

PRIVASAT

SUB-CONTRACTOR :

PROJECT TITLE:

CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION, AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 PROJECT D-SIDE - AEA7004 - SMK DATO SERI WAN MOHAMED

DRAWING TITLE:

AEA7004 SMK DATO SERI WAN MOHAMED

PROJECT PHASE:

PROJECT PHASE

Design By	ENGINEER	Date	DATE
Drawn By	CAD ENGINEER	Scale	NTS
Checked By	ENGINEER	Job Number	JOB/NUMBER
DRAWING NUMBER :		Sheet :	
DRAWING/NUMBER		1/1	
THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY			
Size : A3			