

TECHNICAL PROPOSAL

POP2 ABA7026 SEKOLAH KEBANGSAAN KAMPONG LALANG (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 : 18/01/2025



Starting Point

Site / Boundary Name : Sekolah Kebangsaan Kampong Lalang
Address : Kampung Lalang, 33320 Gerik, Perak.
District : Gerik
Postcode : 33320
State : Perak
GPS Coordinate : 5.597040, 101.082675
LRD : A

End Point

Site / Boundary Name : Kampung Baharu, Kampong Lalang, Gerik
Address : Kampung Baharu, Kampong Lalang, Gerik, Perak.
District : Gerik
Postcode : 33320
State : Perak
GPS Coordinate : 5.606299, 101.077700
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	41
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	2883m
2	Install New Pole	ea	60
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	17
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)

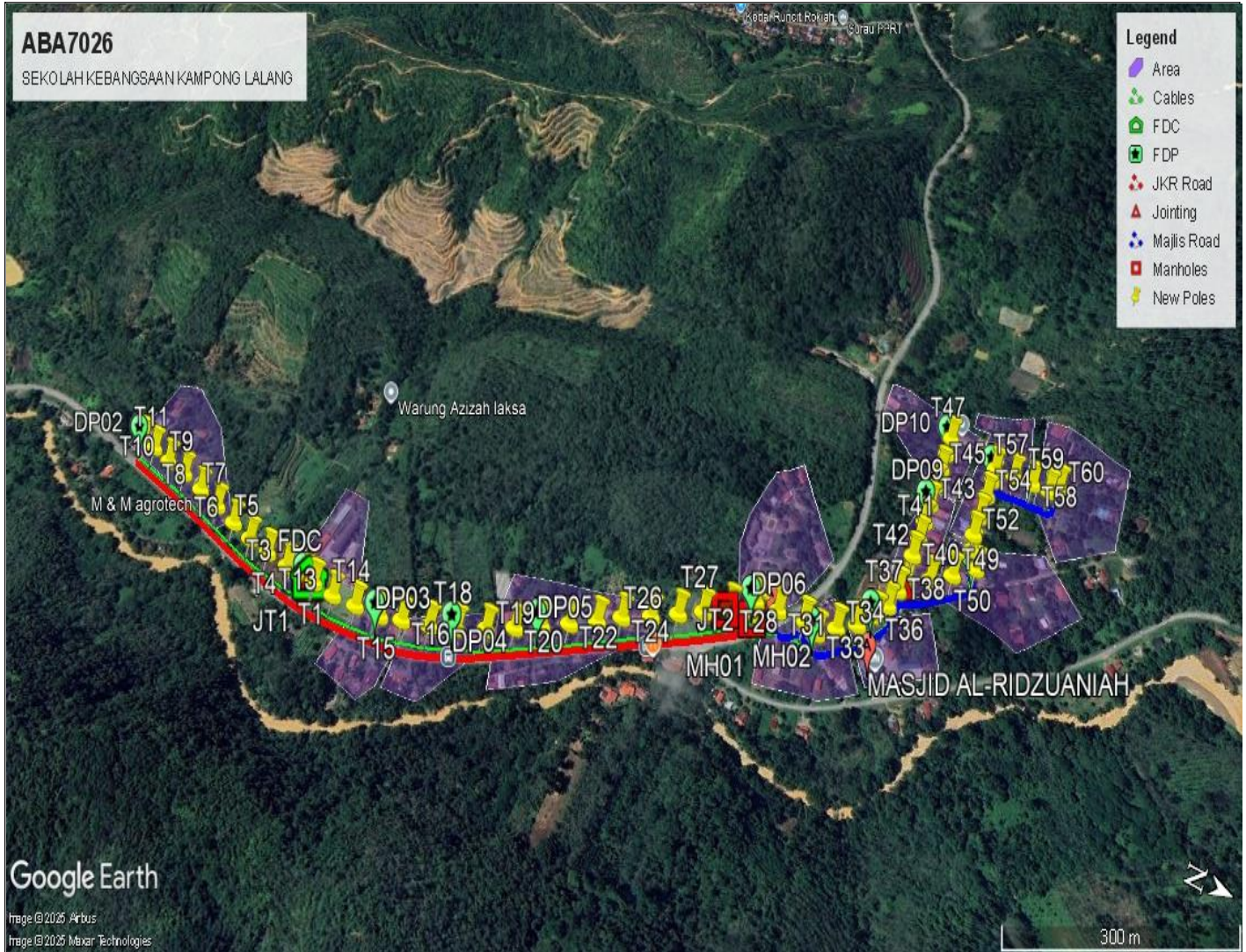
2.0 LOCAL AUTHORITY SUMMARY

Daerah Gerik

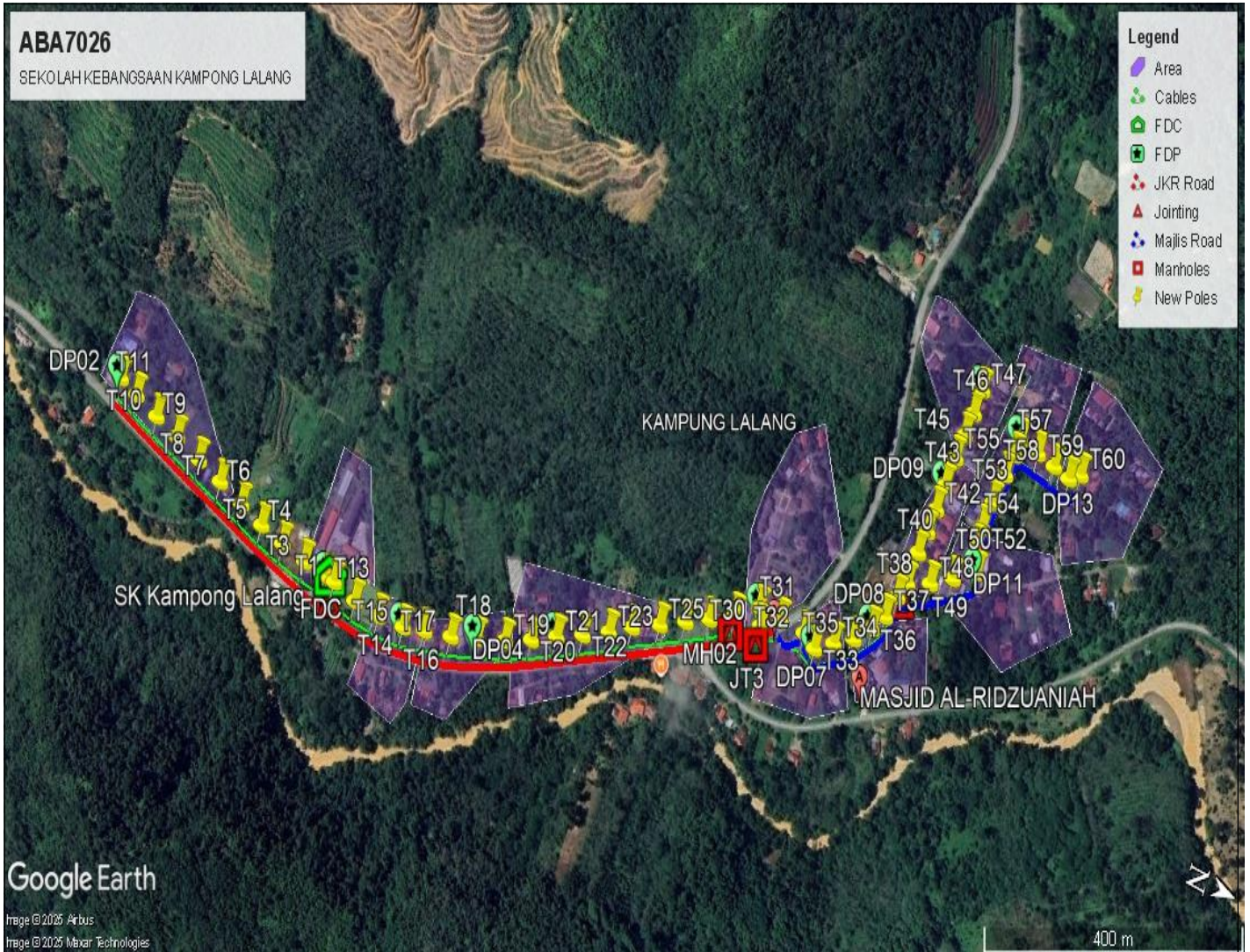
NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	1	41
		Majlis	-	-
		PDT	-	-
2	New Pole	JKR	31	1114
		Majlis	29	880
		PDT	-	-
Total Distance (m)				2035

3.0 SITE PLAN (KMZ)

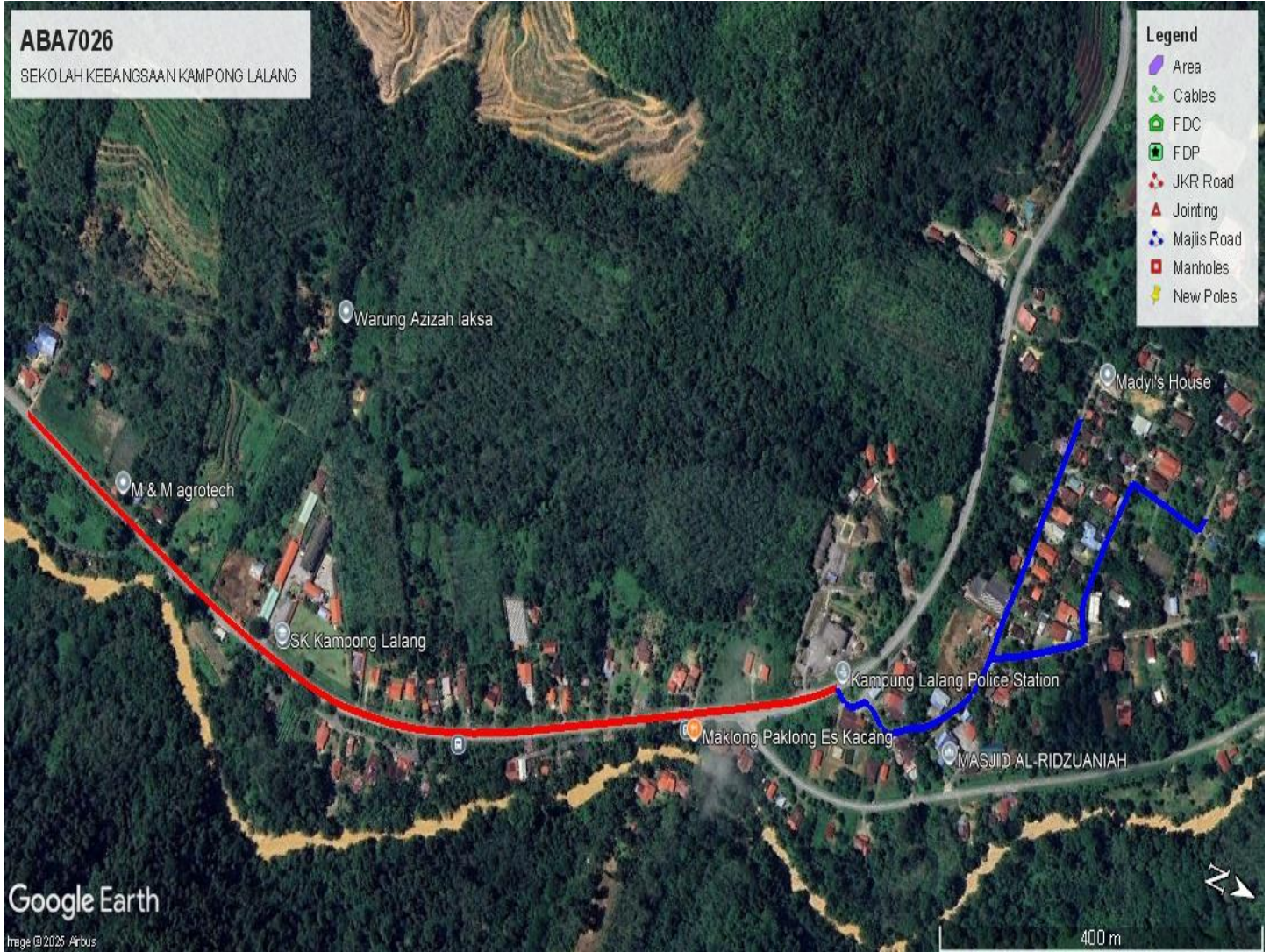
3.1 Overview Site Area



3.2 Site boundry



3.3 Road Boundry

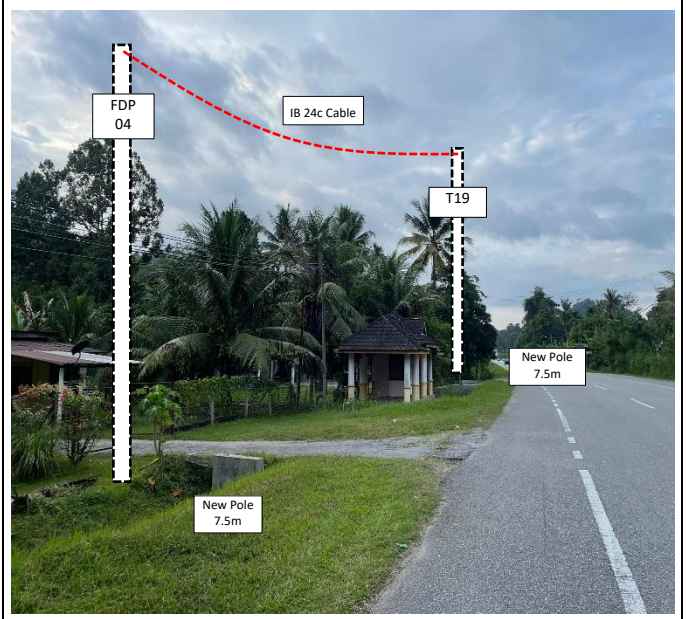
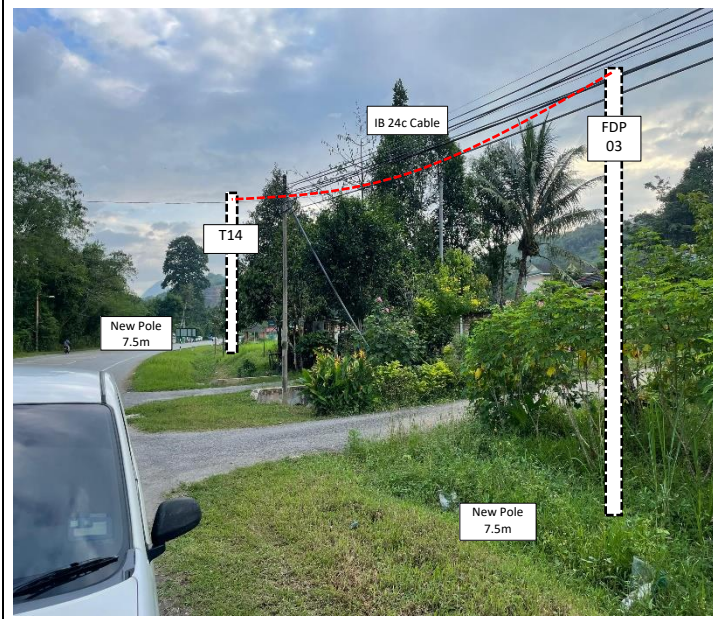
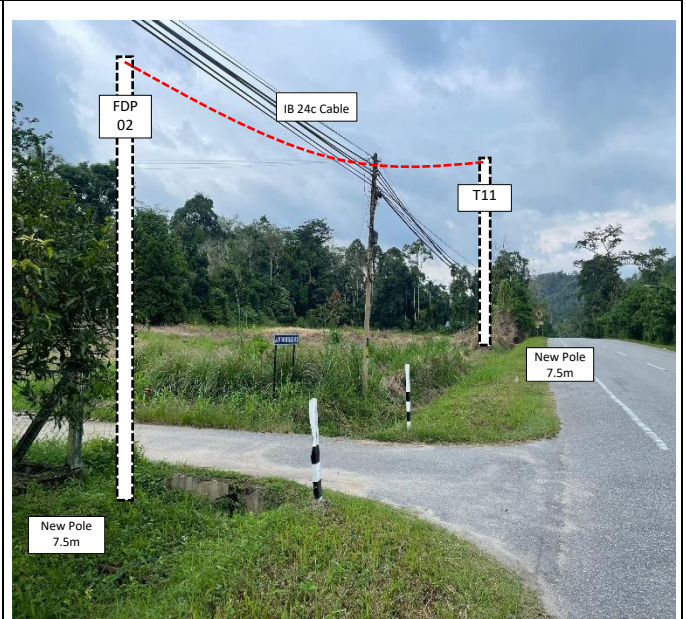
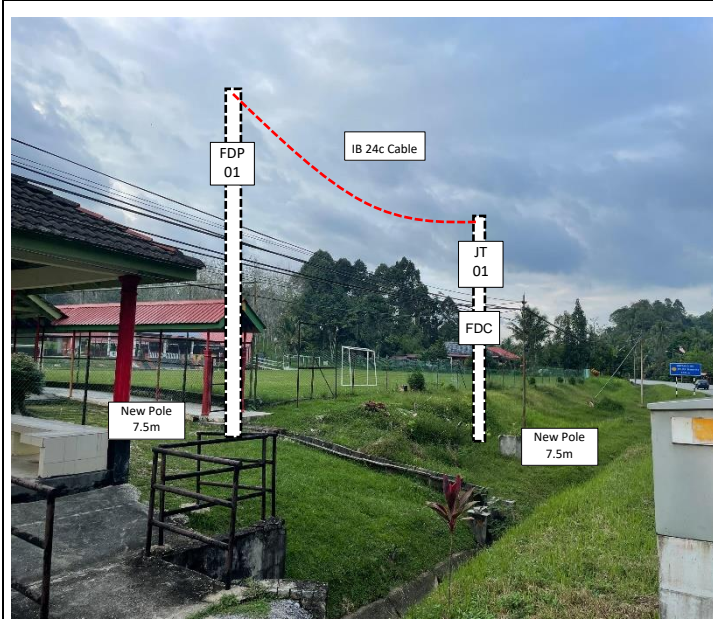


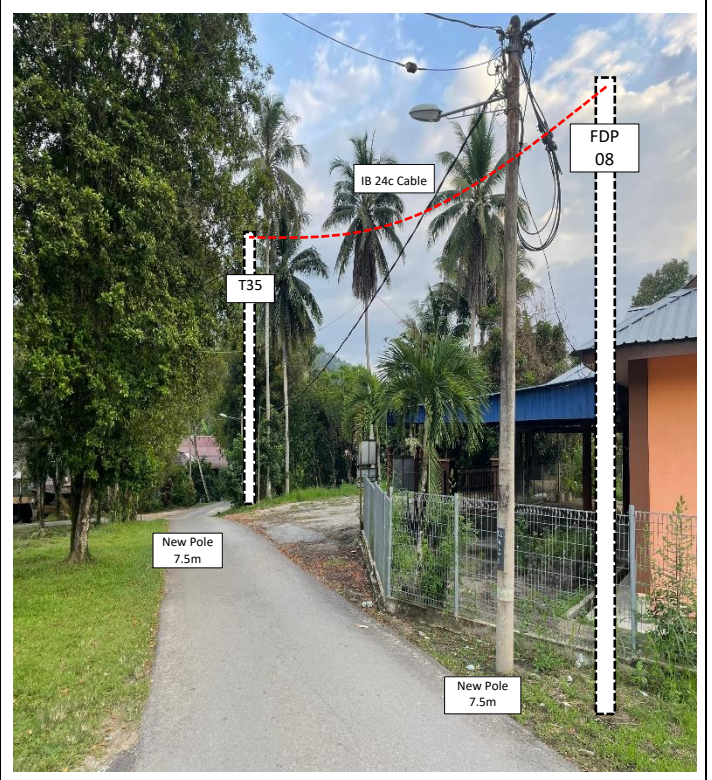
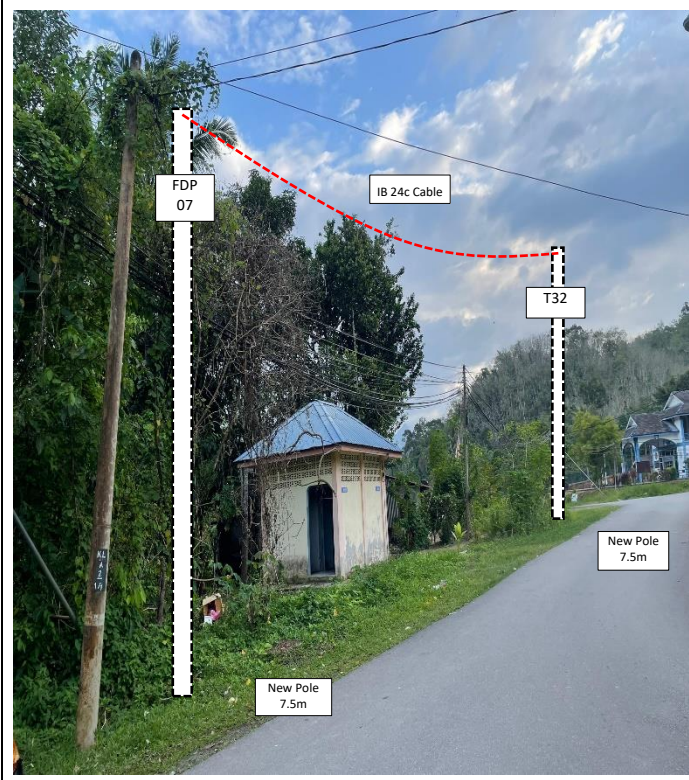
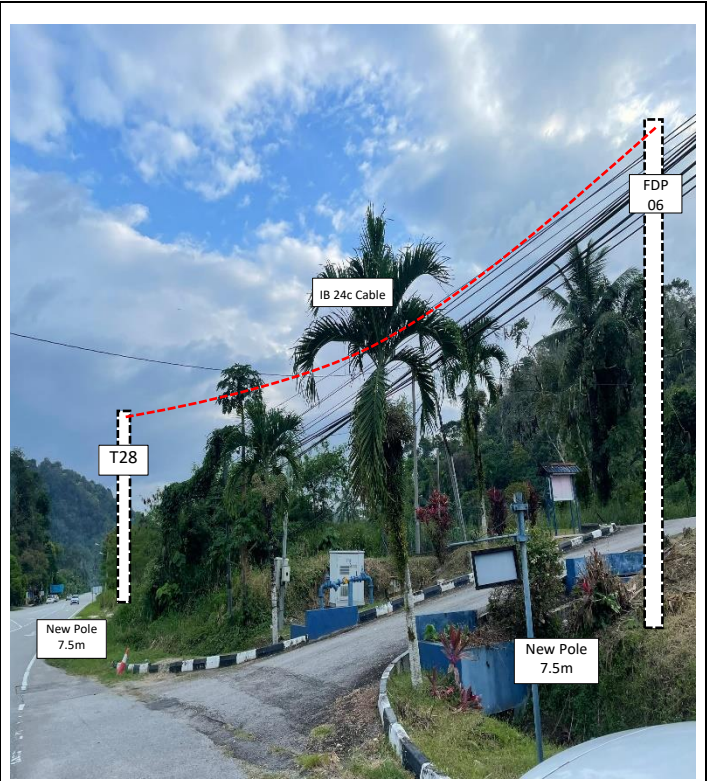
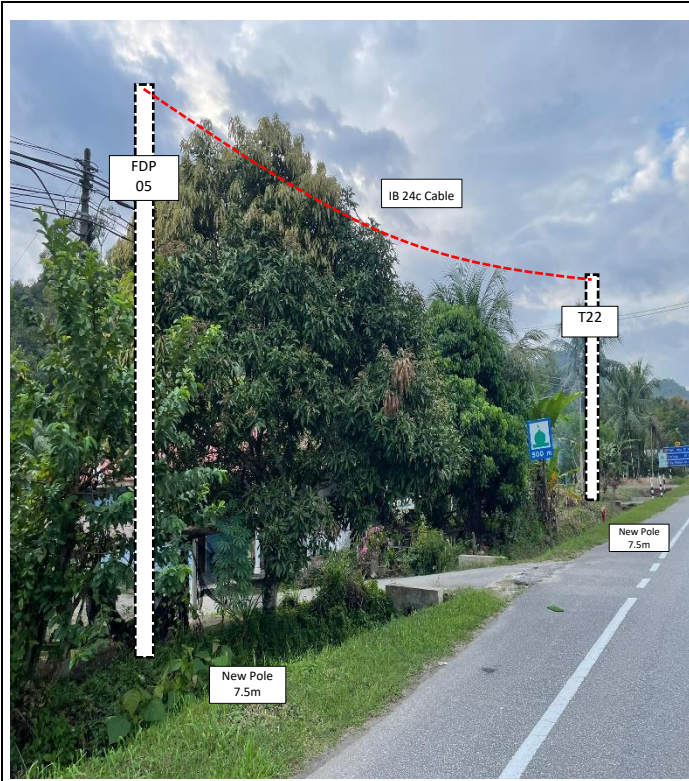
4.0 PROPOSED NEW POLE

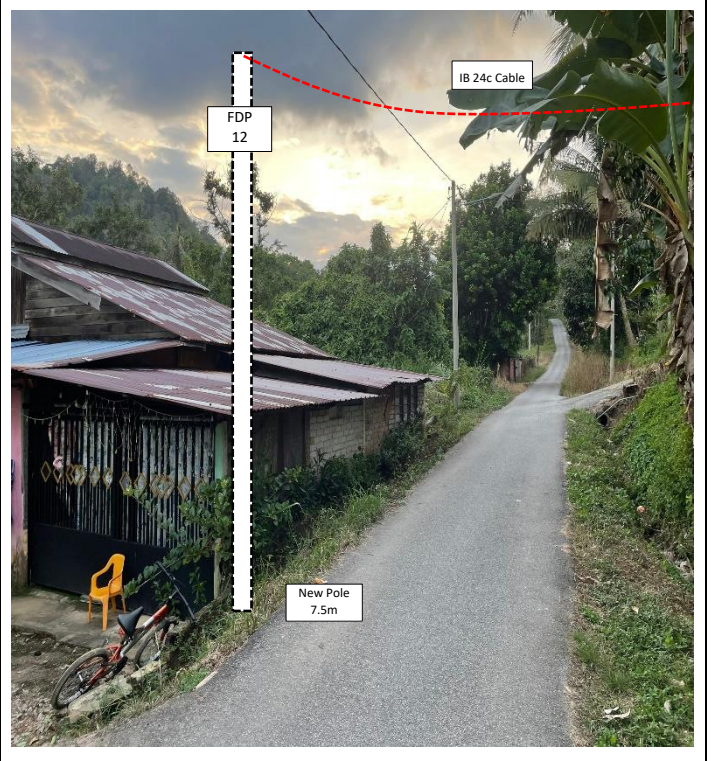
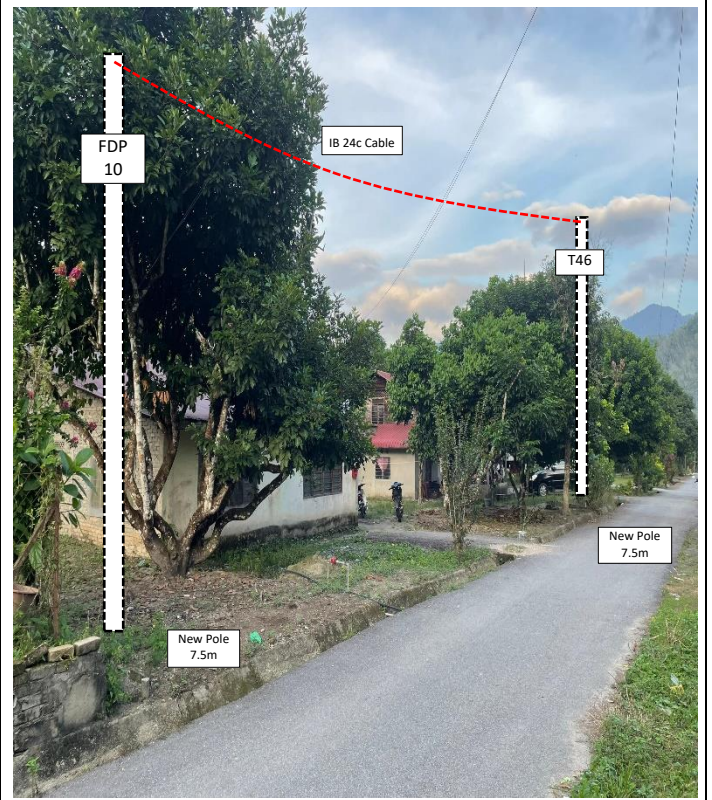
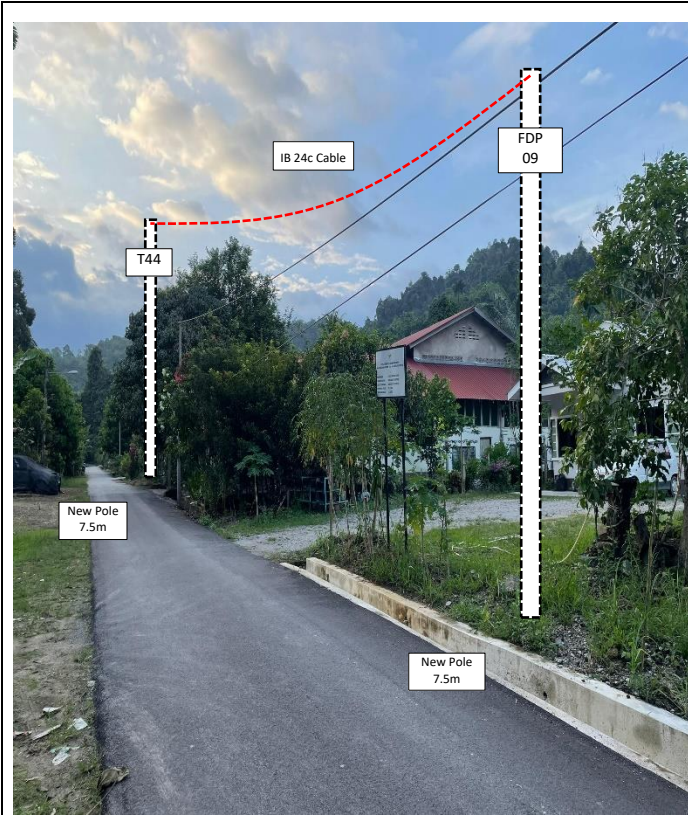
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	FDC POLE	10	5.597150	101.082686	JKR
2	T001	12	5.597150	101.082686	JKR
3	T002	39	5.597040	101.082675	JKR
4	T003	40	5.596690	101.082651	JKR
5	T004	39	5.596338	101.082597	JKR
6	T005	40	5.595995	101.082531	JKR
7	T006	41	5.595651	101.082434	JKR
8	T007	41	5.595297	101.082332	JKR
9	T008	43	5.594941	101.082235	JKR
10	T009	40	5.594570	101.082131	JKR
11	T010	40	5.594219	101.082049	JKR
12	T011	32	5.593870	101.081953	JKR
13	T012	34	5.593593	101.081875	JKR
14	T013	41	5.597501	101.082755	JKR
15	T014	40	5.597867	101.082769	JKR
16	T015	33	5.598225	101.082746	JKR
17	T016	41	5.598513	101.082669	JKR
18	T017	40	5.598878	101.082584	JKR
19	T018	44	5.599218	101.082465	JKR
20	T019	41	5.599593	101.082334	JKR
21	T020	39	5.599933	101.082183	JKR
22	T021	41	5.600247	101.082018	JKR
23	T022	41	5.600580	101.081861	JKR
24	T023	36	5.600906	101.081691	JKR
25	T024	43	5.601187	101.081524	JKR
26	T025	40	5.601536	101.081352	JKR
27	T026	37	5.601858	101.081185	JKR
28	T027	40	5.602153	101.081032	JKR
29	T028	40	5.602469	101.080854	JKR
30	T029	41	5.602762	101.080651	JKR
31	T030	32	5.602836	101.080822	JKR
32	T031	39	5.603073	101.080655	JKR
33	T032	24	5.603427	101.080655	Majlis Daerah Gerik
34	T033	30	5.603622	101.080750	Majlis Daerah Gerik
35	T034	31	5.603848	101.080596	Majlis Daerah Gerik
36	T035	31	5.604088	101.080446	Majlis Daerah Gerik
37	T036	25	5.604281	101.080248	Majlis Daerah Gerik
38	T037	30	5.604405	101.080065	Majlis Daerah Gerik

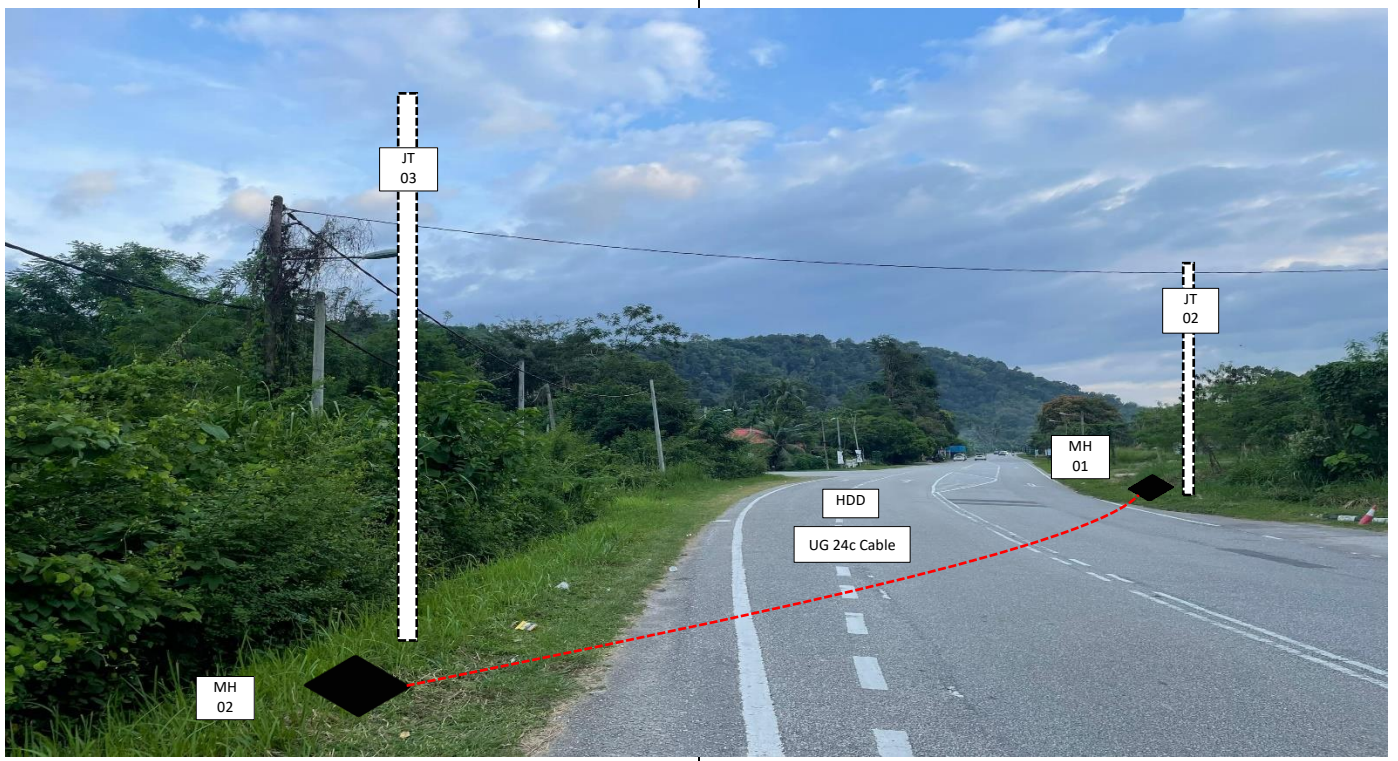
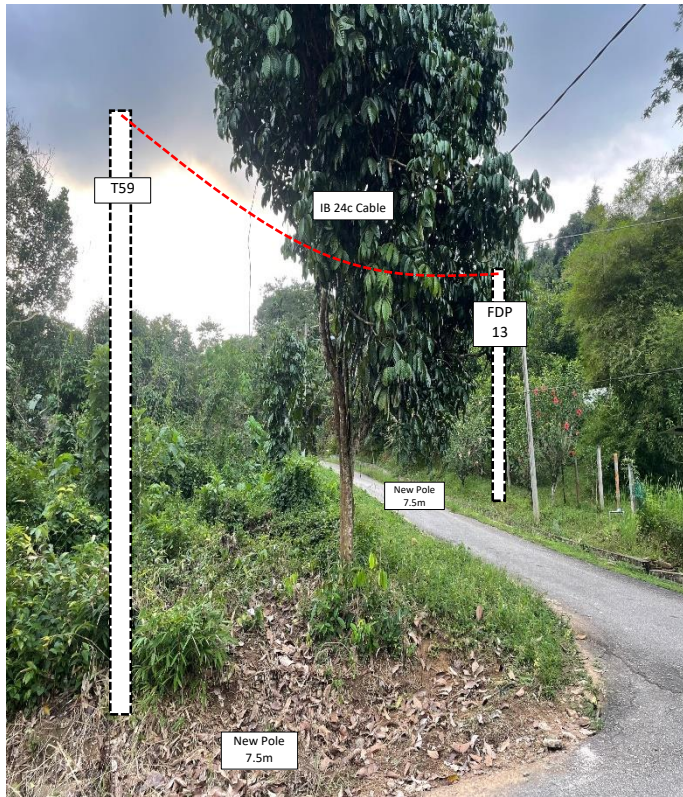
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
39	T038	22	5.604486	101.079807	Majlis Daerah Gerik
40	T039	38	5.604563	101.079625	Majlis Daerah Gerik
41	T040	28	5.604578	101.079277	Majlis Daerah Gerik
42	T041	29	5.604612	101.079029	Majlis Daerah Gerik
43	T042	31	5.604633	101.078771	Majlis Daerah Gerik
44	T043	35	5.604657	101.078495	Majlis Daerah Gerik
45	T044	30	5.604678	101.078182	Majlis Daerah Gerik
46	T045	28	5.604707	101.077915	Majlis Daerah Gerik
47	T046	30	5.604733	101.077662	Majlis Daerah Gerik
48	T047	35	5.604752	101.077396	Majlis Daerah Gerik
49	T048	35	5.604858	101.079507	Majlis Daerah Gerik
50	T049	28	5.605126	101.079339	Majlis Daerah Gerik
51	T050	37	5.605404	101.079156	Majlis Daerah Gerik
52	T051	24	5.605307	101.078908	Majlis Daerah Gerik
53	T052	32	5.605299	101.078694	Majlis Daerah Gerik
54	T053	37	5.605337	101.078405	Majlis Daerah Gerik
55	T054	26	5.605377	101.078075	Majlis Daerah Gerik
56	T055	19	5.605416	101.077840	Majlis Daerah Gerik
57	T056	22	5.605425	101.077670	Majlis Daerah Gerik
58	T057	28	5.605691	101.077710	Majlis Daerah Gerik
59	T058	26	5.605943	101.077752	Majlis Daerah Gerik
60	T059	18	5.606174	101.077792	Majlis Daerah Gerik
61	T060	18	5.606299	101.077701	Majlis Daerah Gerik
62	MH01	41	5.602467	101.080856	JKR
63	MH02	41	5.602833	101.080825	JKR

5.0 SITE PHOTOS - PROPOSED NEW POLE











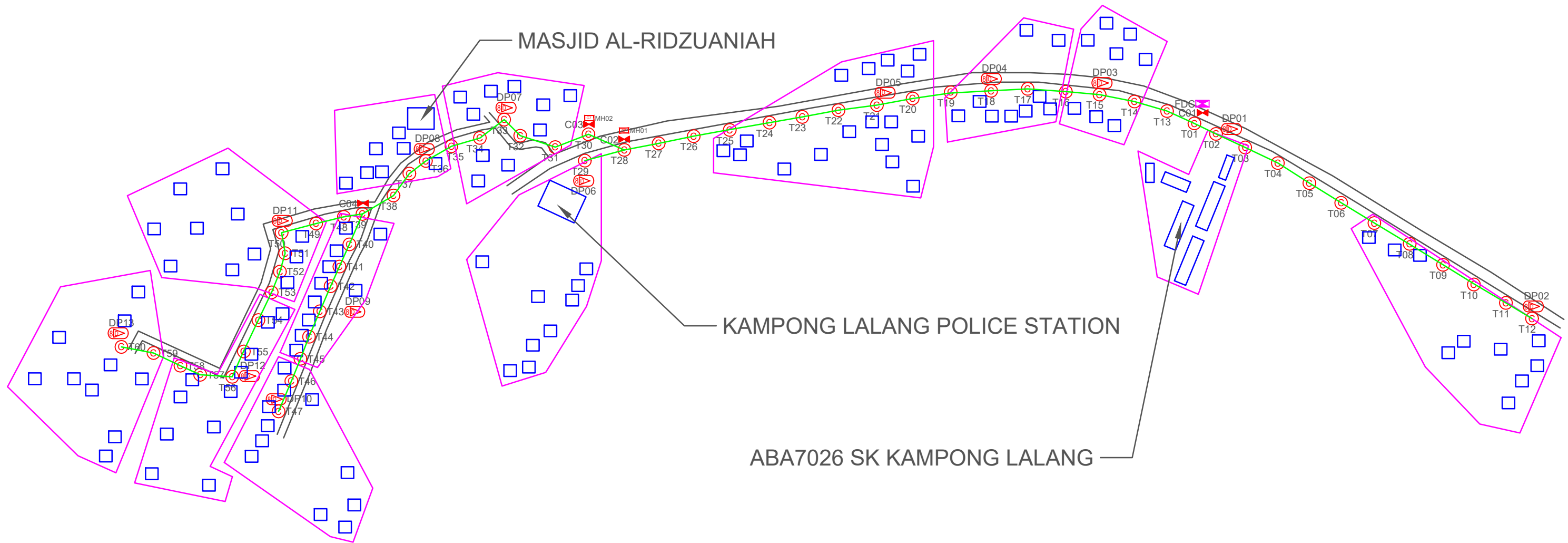
PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
FASA 2: HAB INFRASTRUTUK GENTIAN OPTIK BERHAMPIRAN DENGAN
SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI
SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA
(KKMM.400-11/17/132(1))



WABTECH SDN BHD
(1398387-X)

6.0 3rd PARTIES DEPENDENCIES

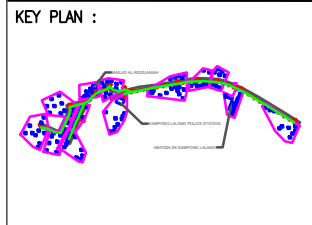
NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Gerik	880m
2	JKR Daerah Gerik	1114m



ABA7026 SK KAMPONG LALANG

TOTAL HOME PASSES: 104 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 (PT)		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 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 - ABA7026 - SK KAMPONG LALANG

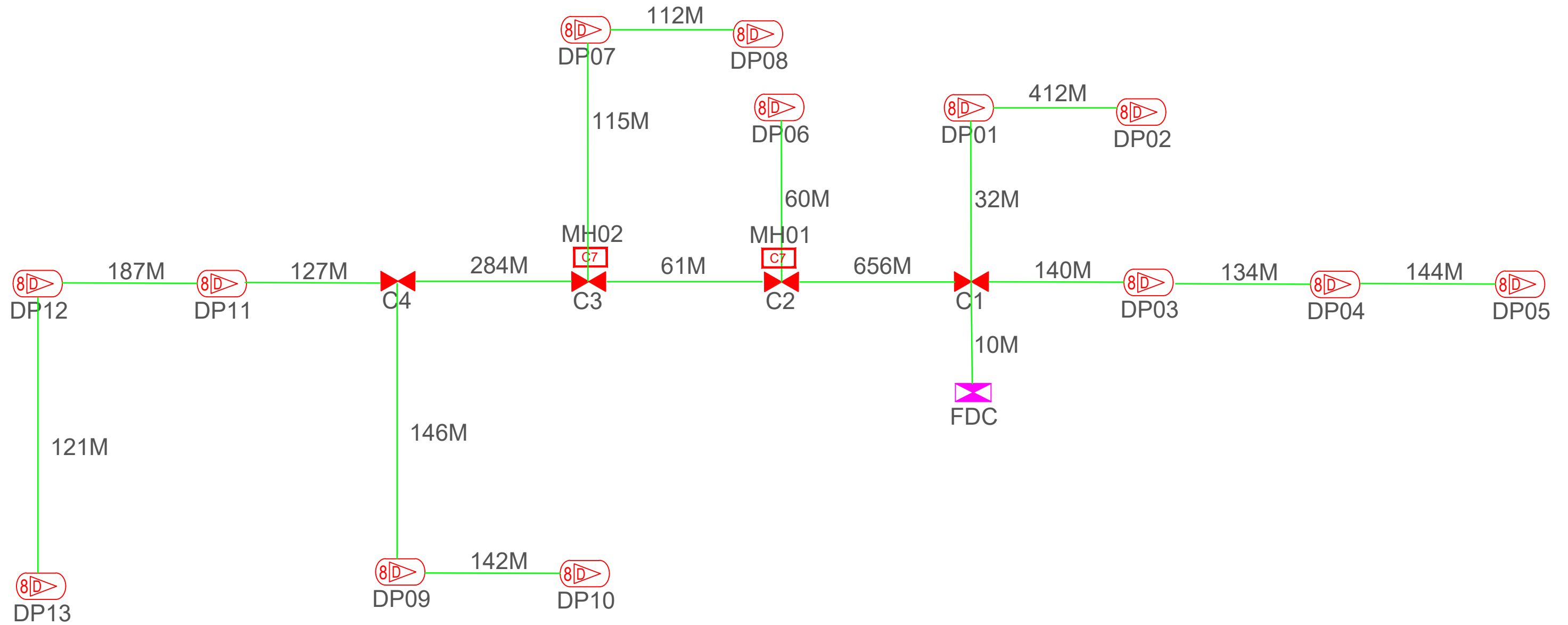
DRAWING TITLE:

ABA7026 SK KAMPONG LALANG

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: 2,883 METERS

LEGEND

12C FOC	Installed 1:4 splitter in FDC	Installed Pole (9m)	New Manhole(JRC7)	TS / TB Tension Small / Tension Big	MH1 MH NO.
24C FOC	FDP with (1:8) splitter	Installed Riser	# House Number	Existing Manhole	TKS-1 Existing TNB Pole NO.
48C FOC	Closure	Suspension Big	Existing TNB Pole	C01 Closure NO.	P001 New Pole NO.
96C FOC	New Manhole (PT)	Suspension Small	LOOP	FDP1 FDP NO.	(A) SEE A-A in this page
144C FOC	Installed Pole (7.5M)	FDC	FDP Boundary	FDC FDC NO.	(A) SEE SHEET XXXX

KEY PLAN : 	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 - ABA7026 - SK KAMPONG LALANG	DRAWING TITLE: ABA7026 SK KAMPONG LALANG	Design By ENGINEER Date DATE
						Drawn By CAD ENGINEER Scale NTS
PROJECT PHASE: PROJECT PHASE						Checked By ENGINEER Job Number JOB/NUMBER
DRAWING NUMBER : DRAWING/NUMBER						Sheet : 1/1
THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY						Size : A3