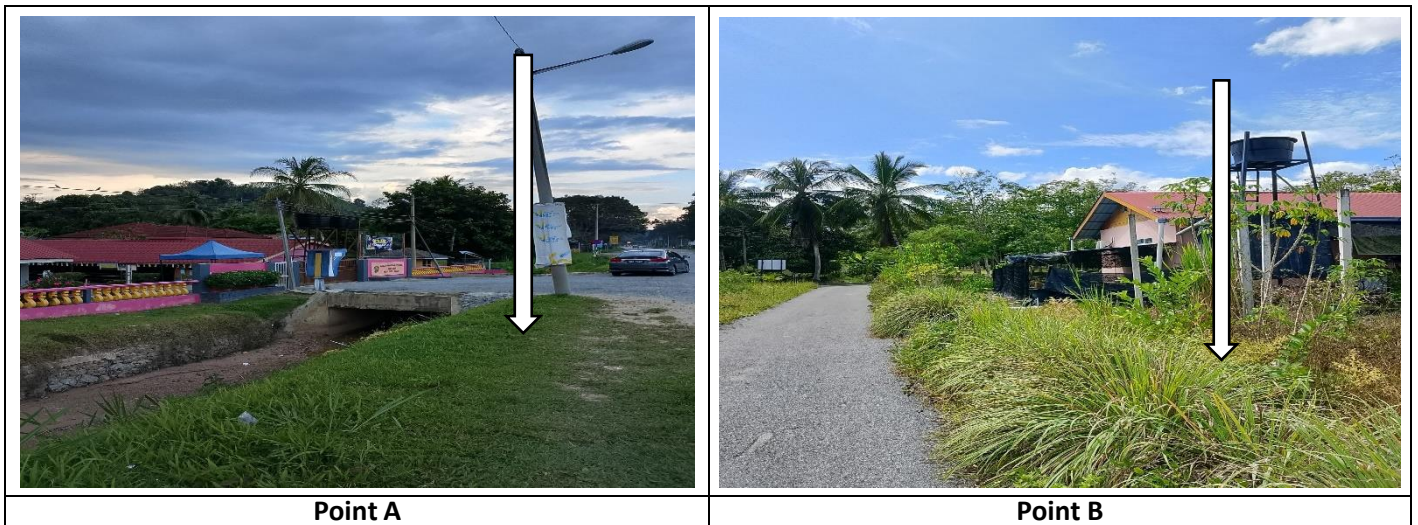


TECHNICAL PROPOSAL

POP2 ABA7023 SEKOLAH KEBANGSAAN KENERING (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 : 13/1/2025



Starting Point

Site / Boundary Name : Sekolah Kebangsaan Kenering
 Address : Jalan Lenggong - Gerik, Kampung Malau, Gerik Perak
 District : Gerik
 Postcode : 33300
 State : Perak
 GPS Coordinate : 5.280774, 101.056675
 LRD : A

End Point

Site / Boundary Name : Jalan Imam Haji Osman
 Address : Kampung Belum Baru, 33410 Lenggong, Perak
 District : Lenggong
 Postcode : 33410
 State : Perak
 GPS Coordinate : 5.270248, 101.069032
 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))



WRBTECH SDN BHD
ESTABLISHED 2011

1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	20
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	4907
2	Install New Pole	ea	85
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)
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(KKMM.400-11/17/132(1))



WABTECH SDN BHD
1508087-X

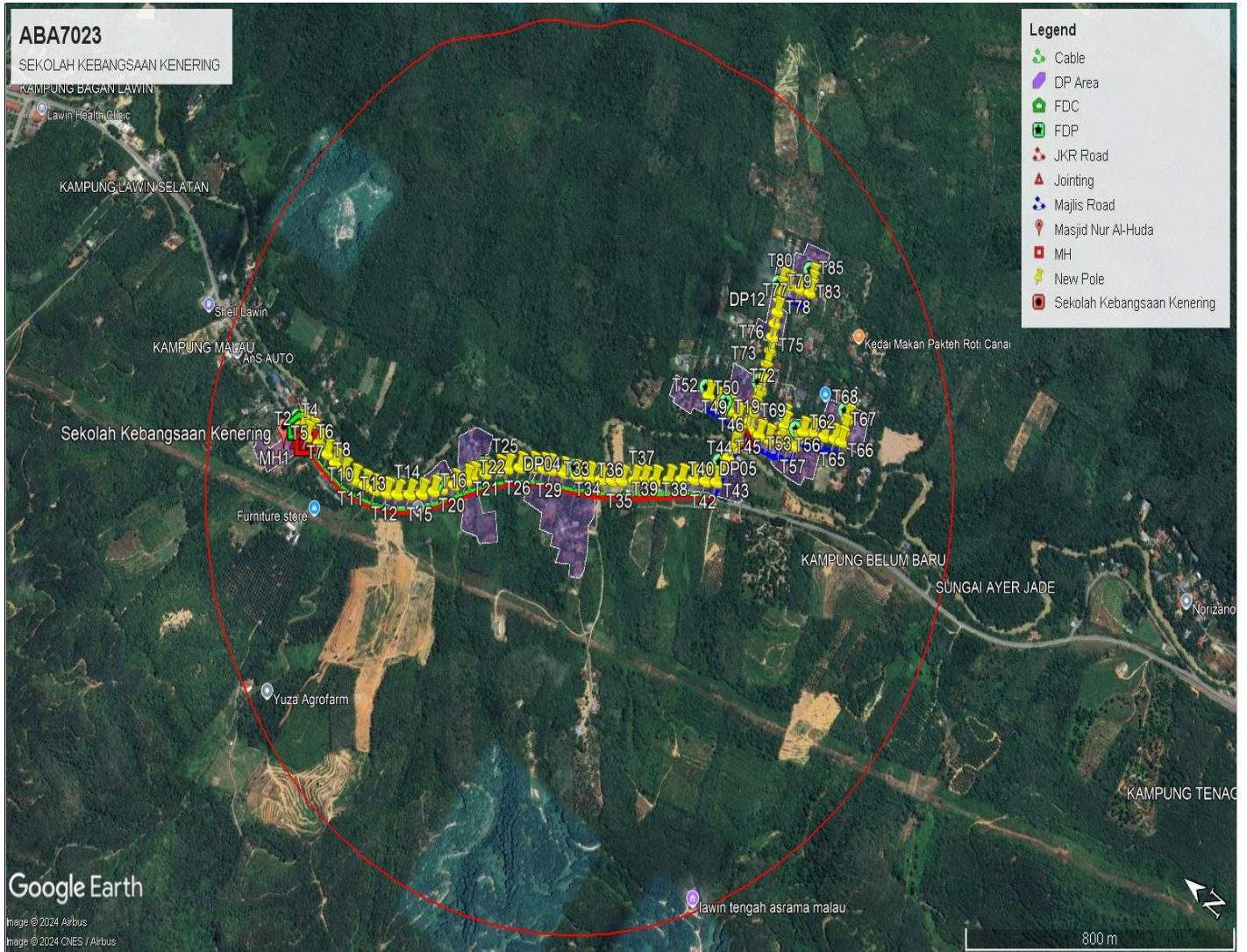
2.0 LOCAL AUTHORITY SUMMARY

Daerah Gerik

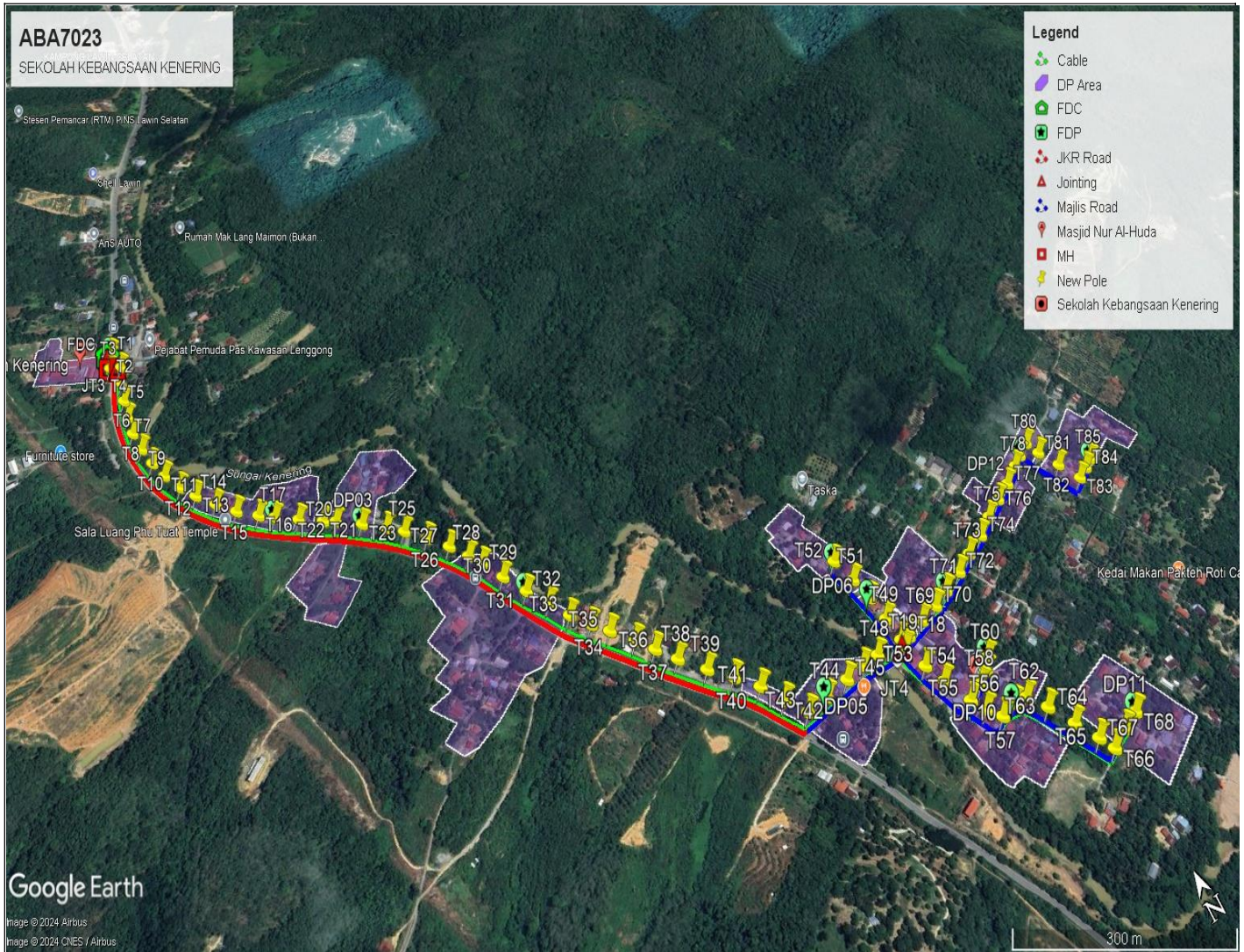
NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	1	20
		Majlis	-	-
		PDT	-	-
2	New Pole	JKR	43	1481
		Majlis	42	1438
		PDT	-	-
Total Distance (m)				2939

3.0 SITE PLAN (KMZ)

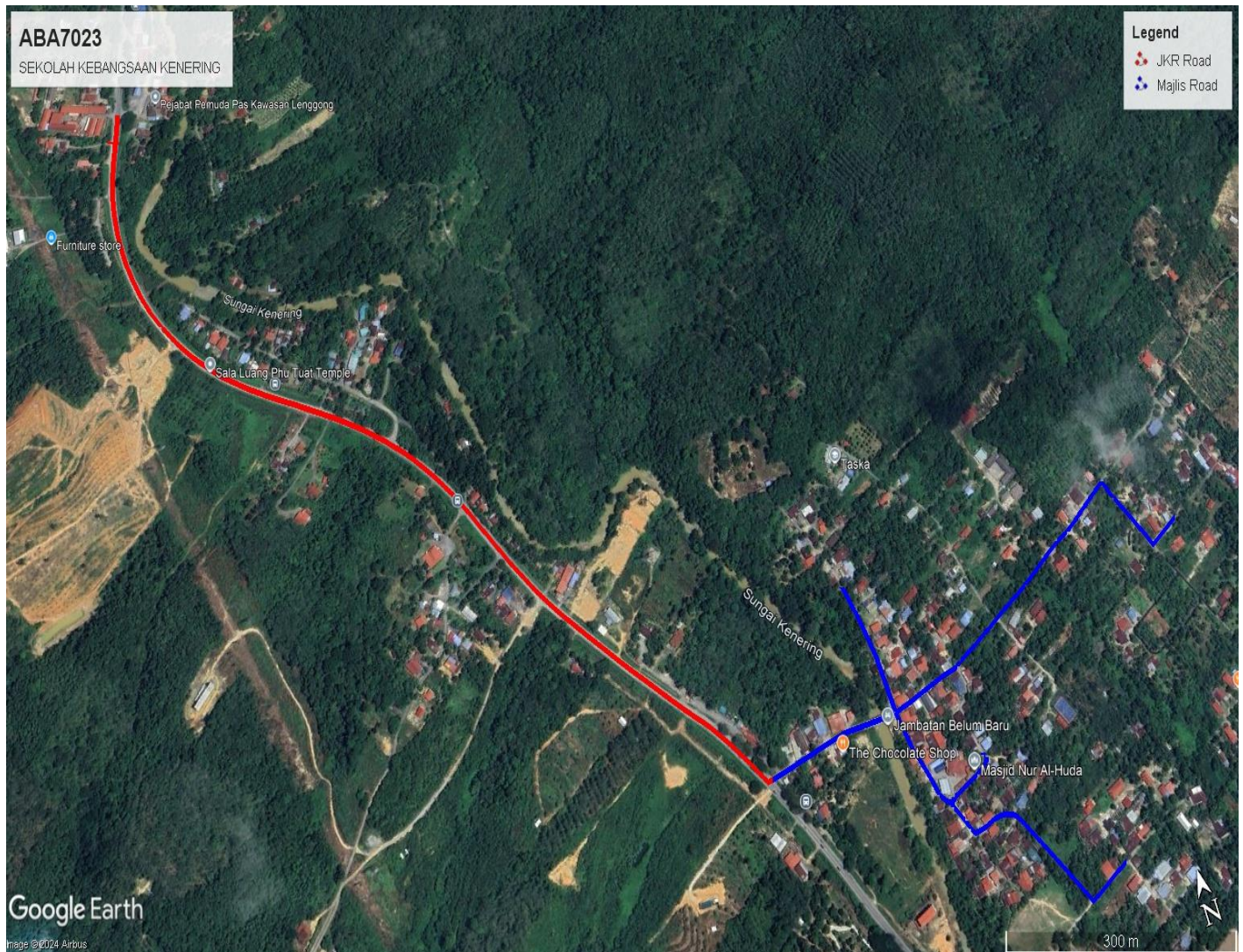
3.1 Overview Site Area



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	25	5.280662	101.056630	JKR
2	T001	13	5.280774	101.056675	JKR
3	T002	25	5.280662	101.056630	JKR
4	T003	25	5.280438	101.056568	JKR
5	T004	20	5.280365	101.056730	JKR
6	T005	42	5.280002	101.056649	JKR
7	T006	42	5.279635	101.056588	JKR
8	T007	38	5.279291	101.056557	JKR
9	T008	40	5.278927	101.056541	JKR
10	T009	38	5.278563	101.056580	JKR
11	T010	37	5.278226	101.056652	JKR
12	T011	41	5.277906	101.056745	JKR
13	T012	35	5.277568	101.056889	JKR
14	T013	41	5.277293	101.057047	JKR
15	T014	41	5.276988	101.057257	JKR
16	T015	40	5.276706	101.057484	JKR
17	T016	29	5.276457	101.057742	JKR
18	T017	21	5.276294	101.057938	JKR
19	T018	18	5.269768	101.064689	JKR
20	T019	18	5.269689	101.064547	JKR
21	T020	41	5.276064	101.058226	JKR
22	T021	41	5.275835	101.058527	JKR
23	T022	21	5.275724	101.058685	JKR
24	T023	44	5.275470	101.058996	JKR
25	T024	43	5.275214	101.059274	JKR
26	T025	30	5.275016	101.059476	JKR
27	T026	40	5.274731	101.059712	JKR
28	T027	42	5.274428	101.059929	JKR
29	T028	37	5.274139	101.060100	JKR
30	T029	26	5.273935	101.060214	JKR
31	T030	41	5.273593	101.060372	JKR
32	T031	45	5.273224	101.060549	JKR
33	T032	42	5.272896	101.060732	JKR
34	T033	38	5.272584	101.060890	JKR
35	T034	37	5.272293	101.061061	JKR
36	T035	32	5.272053	101.061220	JKR
37	T036	42	5.271744	101.061441	JKR
38	T037	31	5.271514	101.061612	JKR

39	T038	37	5.271247	101.061804	JKR
40	T039	47	5.270917	101.062060	JKR
41	T040	41	5.270618	101.062280	JKR
42	T041	42	5.270318	101.062500	JKR
43	T042	38	5.270020	101.062677	JKR
44	T043	37	5.269743	101.062853	JKR
45	T044	38	5.269767	101.063198	Majlis Daerah Gerik
46	T045	42	5.269790	101.063572	Majlis Daerah Gerik
47	T046	34	5.269814	101.063879	Majlis Daerah Gerik
48	T047	29	5.269811	101.064147	Majlis Daerah Gerik
49	T048	46	5.269787	101.064563	Majlis Daerah Gerik
50	T049	36	5.270113	101.064579	Majlis Daerah Gerik
51	T050	37	5.270448	101.064575	Majlis Daerah Gerik
52	T051	35	5.270780	101.064559	Majlis Daerah Gerik
53	T052	40	5.271144	101.064519	Majlis Daerah Gerik
54	T053	38	5.269353	101.064596	Majlis Daerah Gerik
55	T054	32	5.269066	101.064664	Majlis Daerah Gerik
56	T055	43	5.268694	101.064785	Majlis Daerah Gerik
57	T056	23	5.268498	101.064868	Majlis Daerah Gerik
58	T057	23	5.268319	101.064987	Majlis Daerah Gerik
59	T058	31	5.268767	101.065056	Majlis Daerah Gerik
60	T059	21	5.268849	101.065234	Majlis Daerah Gerik
61	T060	21	5.268968	101.065378	Majlis Daerah Gerik
62	T061	28	5.268349	101.065235	Majlis Daerah Gerik
63	T062	22	5.268315	101.065430	Majlis Daerah Gerik
64	T063	31	5.268073	101.065577	Majlis Daerah Gerik
65	T064	39	5.267741	101.065709	Majlis Daerah Gerik
66	T065	35	5.267447	101.065835	Majlis Daerah Gerik
67	T066	22	5.267252	101.065903	Majlis Daerah Gerik
68	T067	35	5.267339	101.066210	Majlis Daerah Gerik
69	T068	33	5.267400	101.066501	Majlis Daerah Gerik
70	T069	34	5.269821	101.064991	Majlis Daerah Gerik
71	T070	32	5.269860	101.065284	Majlis Daerah Gerik
72	T071	33	5.269942	101.065572	Majlis Daerah Gerik
73	T072	41	5.270039	101.065936	Majlis Daerah Gerik
74	T073	39	5.270160	101.066269	Majlis Daerah Gerik
75	T074	41	5.270269	101.066626	Majlis Daerah Gerik
76	T075	42	5.270421	101.066963	Majlis Daerah Gerik
77	T076	40	5.270550	101.067301	Majlis Daerah Gerik
78	T077	36	5.270652	101.067610	Majlis Daerah Gerik
79	T078	38	5.270791	101.067926	Majlis Daerah Gerik
80	T079	22	5.270868	101.068110	Majlis Daerah Gerik
81	T080	29	5.270963	101.068357	Majlis Daerah Gerik
82	T081	24	5.270749	101.068410	Majlis Daerah Gerik



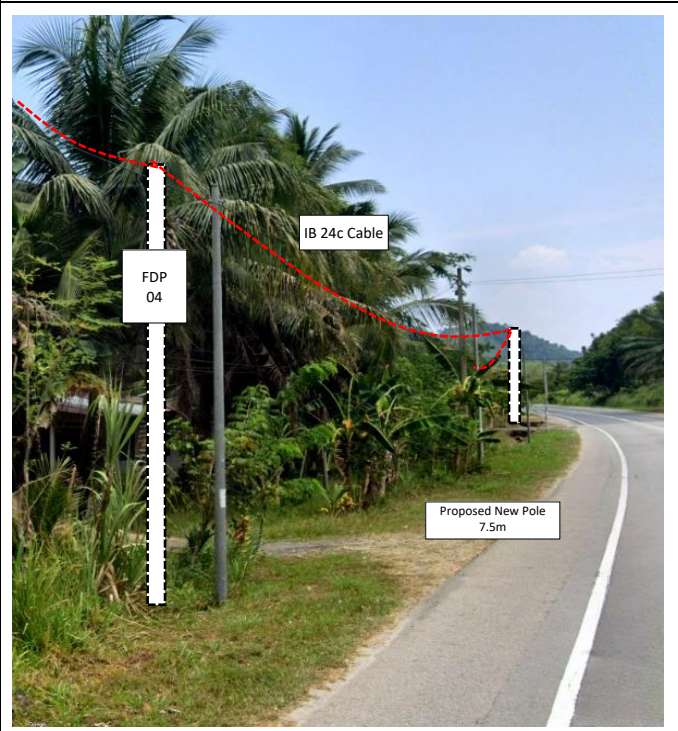
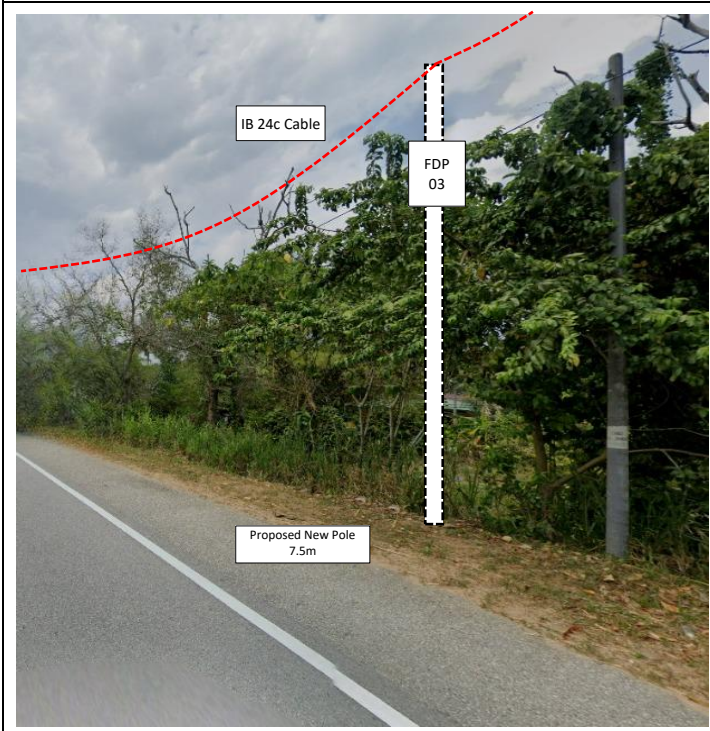
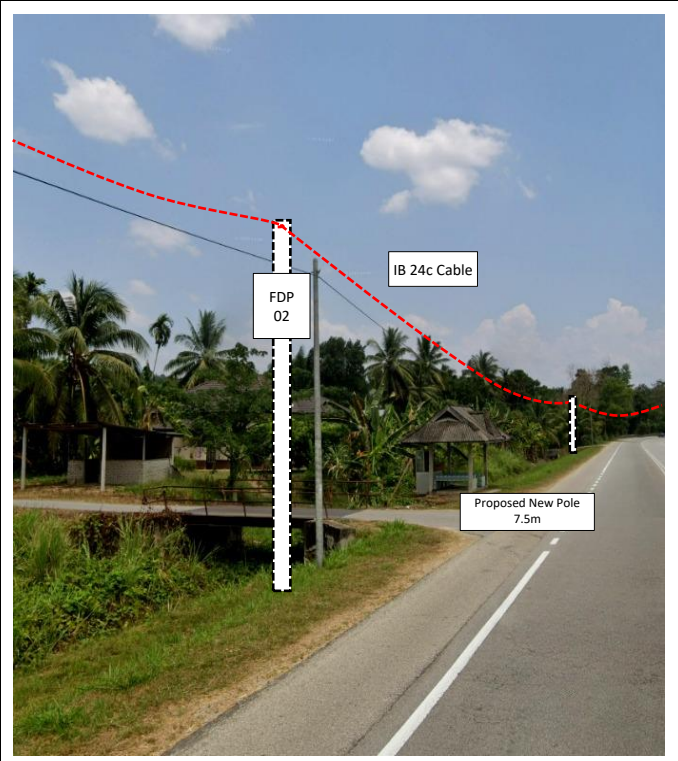
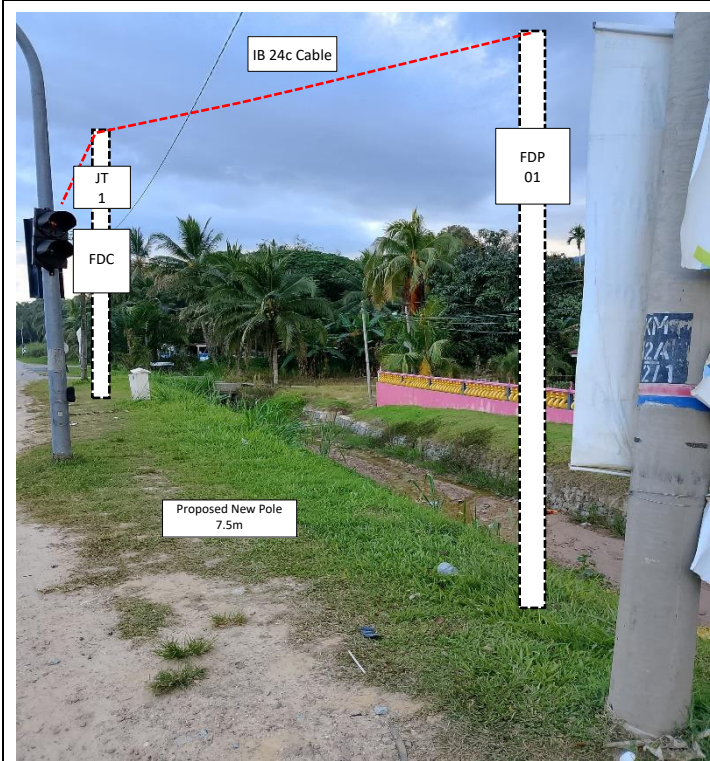
PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
FASA 2: HAB INFRASTRUTUK GENTIAN OPTIK BERHAMPIRAN DENGAN
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SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA
(KKMM.400-11/17/132(1))

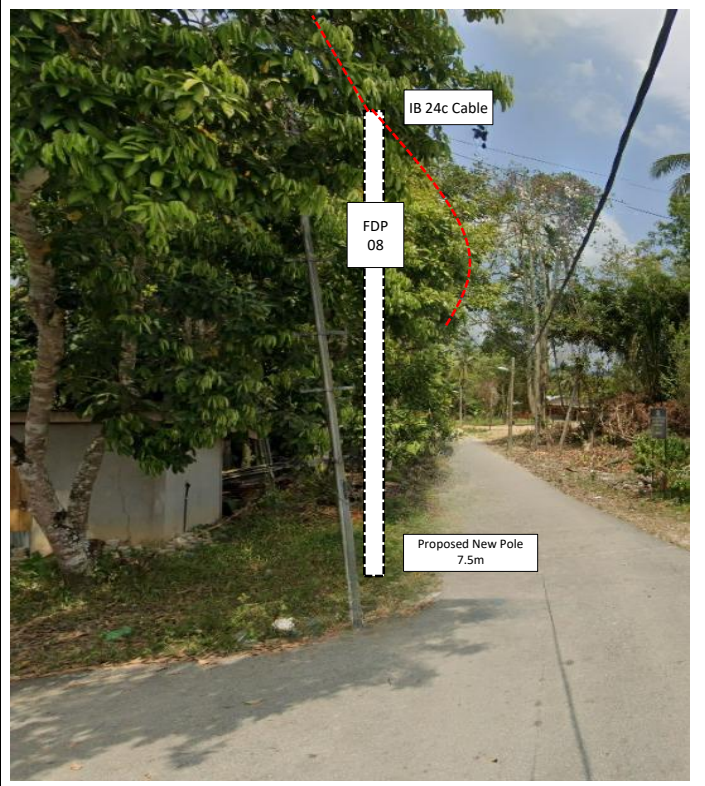
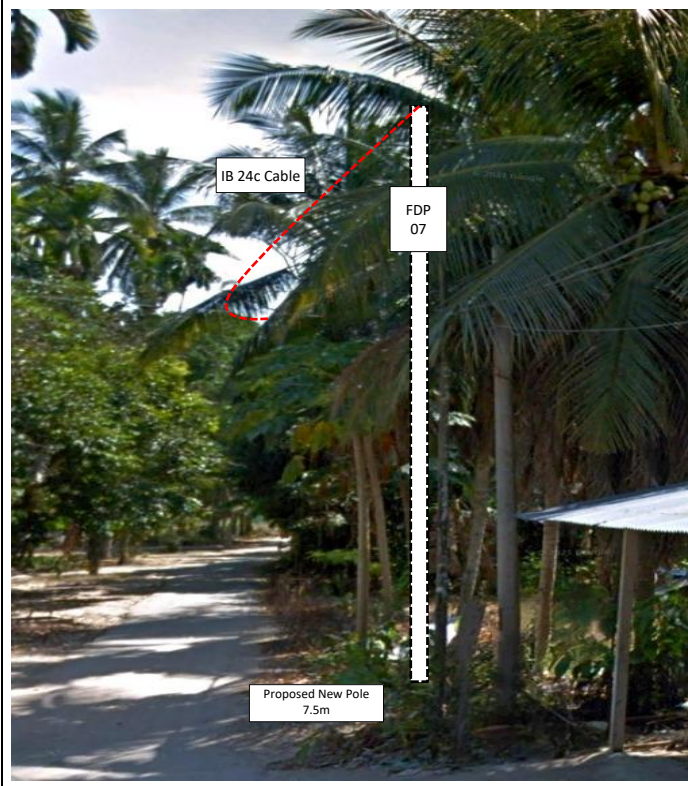


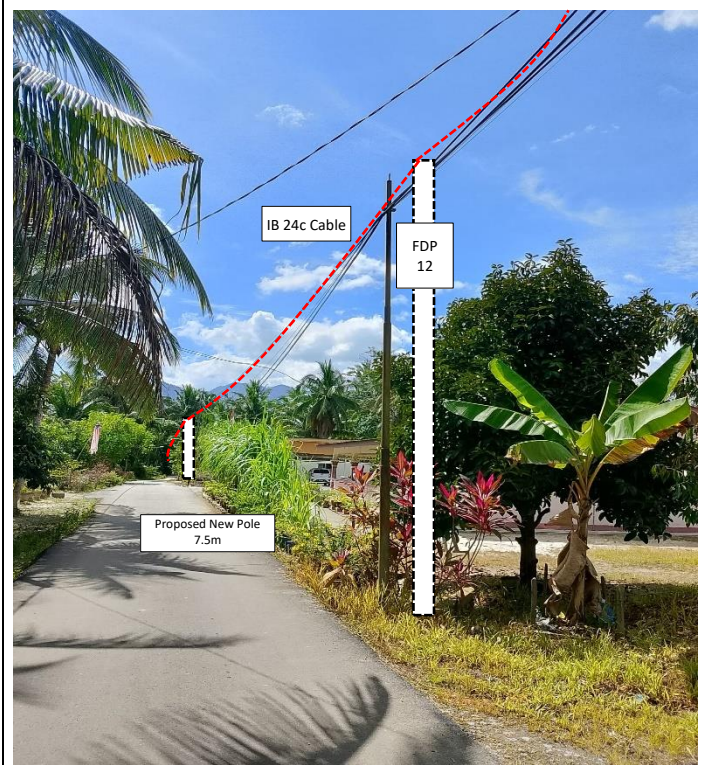
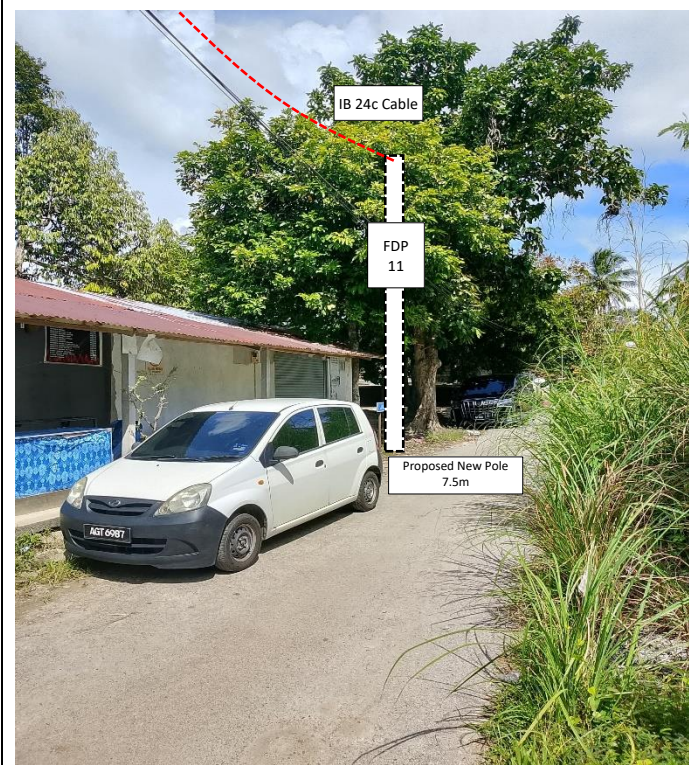
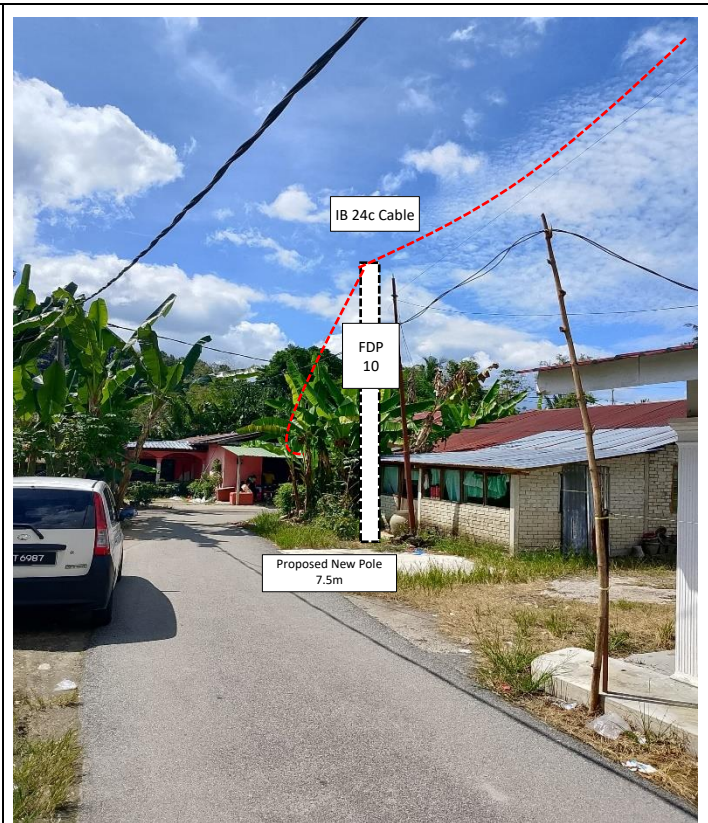
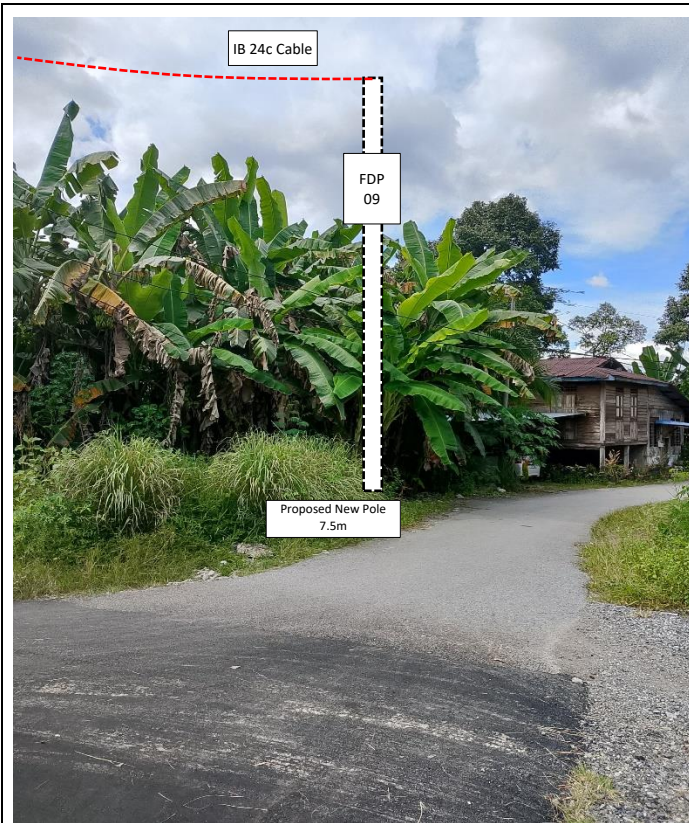
WABTECH SDN BHD
(1394387-X)

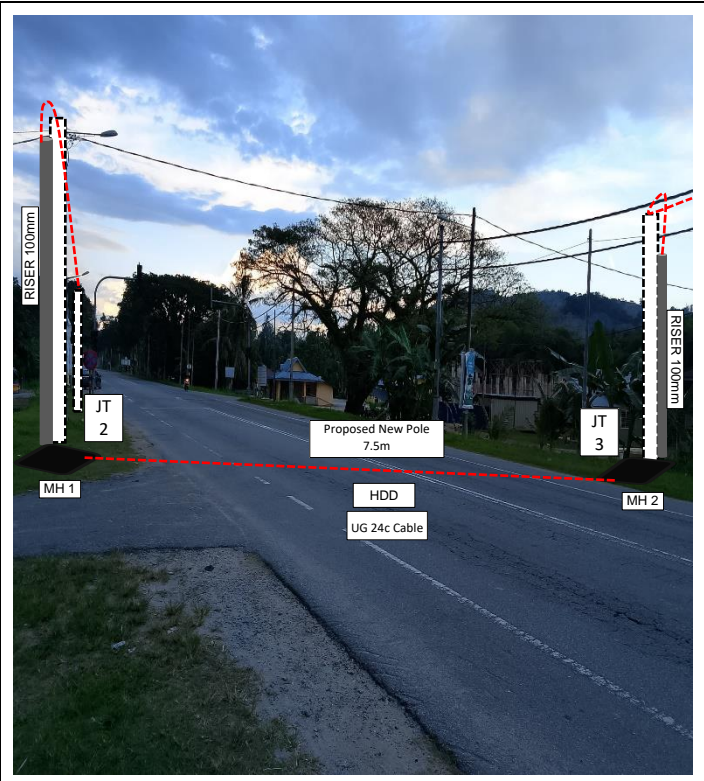
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84	T083	38	5.270109	101.068636	Majlis Daerah Gerik
85	T084	24	5.270183	101.068850	Majlis Daerah Gerik
86	T085	22	5.270248	101.069032	Majlis Daerah Gerik
87	MH1	20	5.280436	101.056575	JKR
88	MH2	20	5.280359	101.056727	JKR

5.0 SITE PHOTOS - PROPOSED NEW POLE











PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
FASA 2: HAB INFRASTRUTUK GENTIAN OPTIK BERHAMPIRAN DENGAN
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(KKMM.400-11/17/132(1))



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(1398387-X)

6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Gerik	1481
2	JKR Daerah Gerik	1438

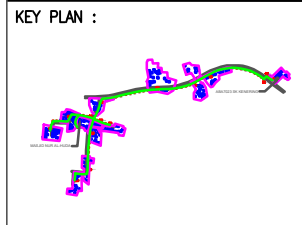


ABA7023 SK KENERING

MASJID NUR AL-HUDA

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 (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 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 - ABA7023 - SK KENERING

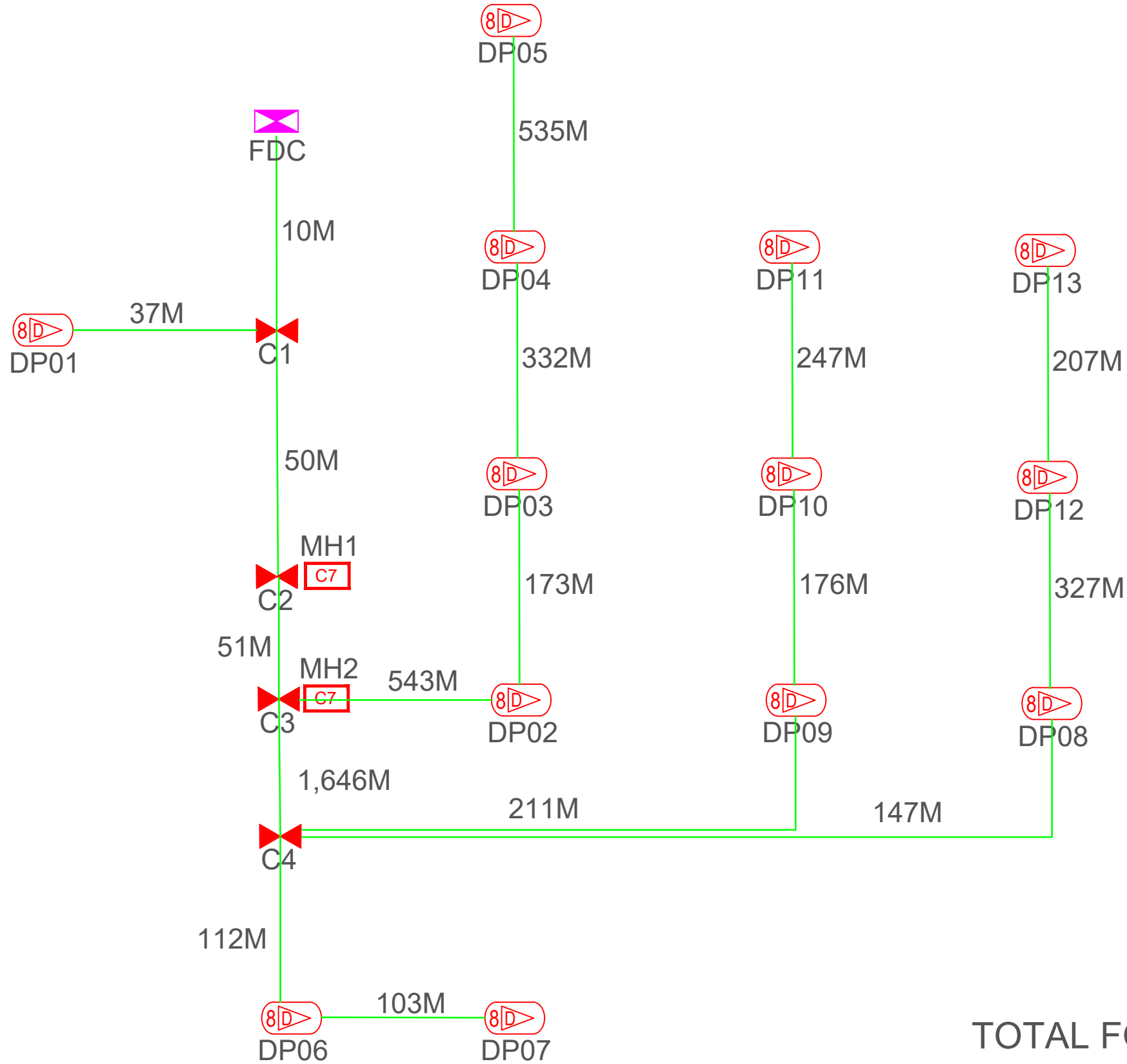
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ABA7023 SK KENERING

PROJECT PHASE:

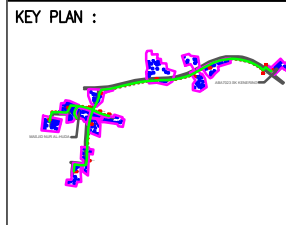
PROJECT PHASE

Design By	ENGINEER	Date	DATE
Drawn By	CAD ENGINEER	Scale	NTS
Checked By	ENGINEER	Job Number	JOB/NUMBER
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TOTAL FOC DISTANCE: 4,907 METERS

LEGEND	
	12C FOC
	24C FOC
	48C FOC
	96C FOC
	144C FOC
	Installed Pole (9m)
	Installed Riser
	Installed Pole (7.5M)
	FDP with (1:8) splitter
	Closure
	New Manhole (PT)
	Installed Pole (7.5M)
	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.
	MH1
	MH NO.
	TKS-1
	Existing TNB Pole NO.
	P001
	New Pole NO.
	(A) SEE A-A in this page
	(A) 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 - ABA7023 - SK KENERING

DRAWING TITLE:

ABA7023 SK KENERING

PROJECT PHASE:

PROJECT PHASE

Design By	ENGINEER	Date	DATE
Drawn By	CAD ENGINEER	Scale	NTS
Checked By	ENGINEER	Job Number	JOB/NUMBER
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