

TECHNICAL PROPOSAL

POP2 AEA7007 SEKOLAH MENENGAH KEBANGSAAN PENGKALAN HULU (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 : 18/02/2025



Point A



Point B

Starting Point

Site / Boundary Name : Sekolah Menengah Kebangsaan Pengkalan Hulu
Address : Jalan Kompleks Guru, 33100 Pengkalan Hulu, Perak.
District : Pengkalan Hulu
Postcode : 33100
State : Perak
GPS Coordinate : 5.701848, 101.004151
LRD : A

End Point

Site / Boundary Name : Kampung Baru, Pengkalan Hulu
Address : Jalan Lam Thing Seog, Kampung Baru, 33100 Pengkalan Hulu, Perak.
District : Pengkalan Hulu
Postcode : 33100
State : Perak
GPS Coordinate : 5.704446, 101.003077
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	1247m
2	Install New Pole	ea	31
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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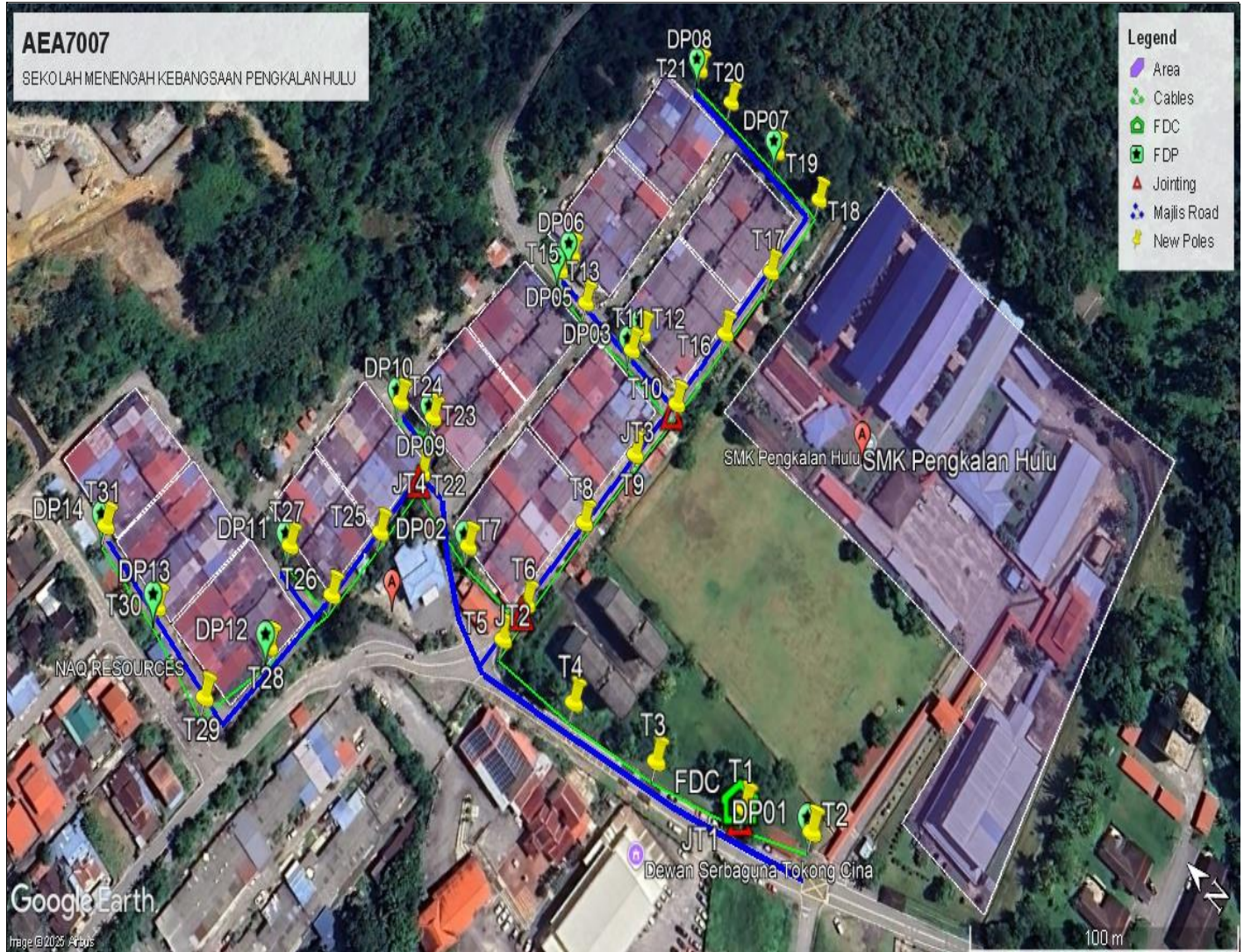
2.0 LOCAL AUTHORITY SUMMARY

Daerah Pengkalan Hulu

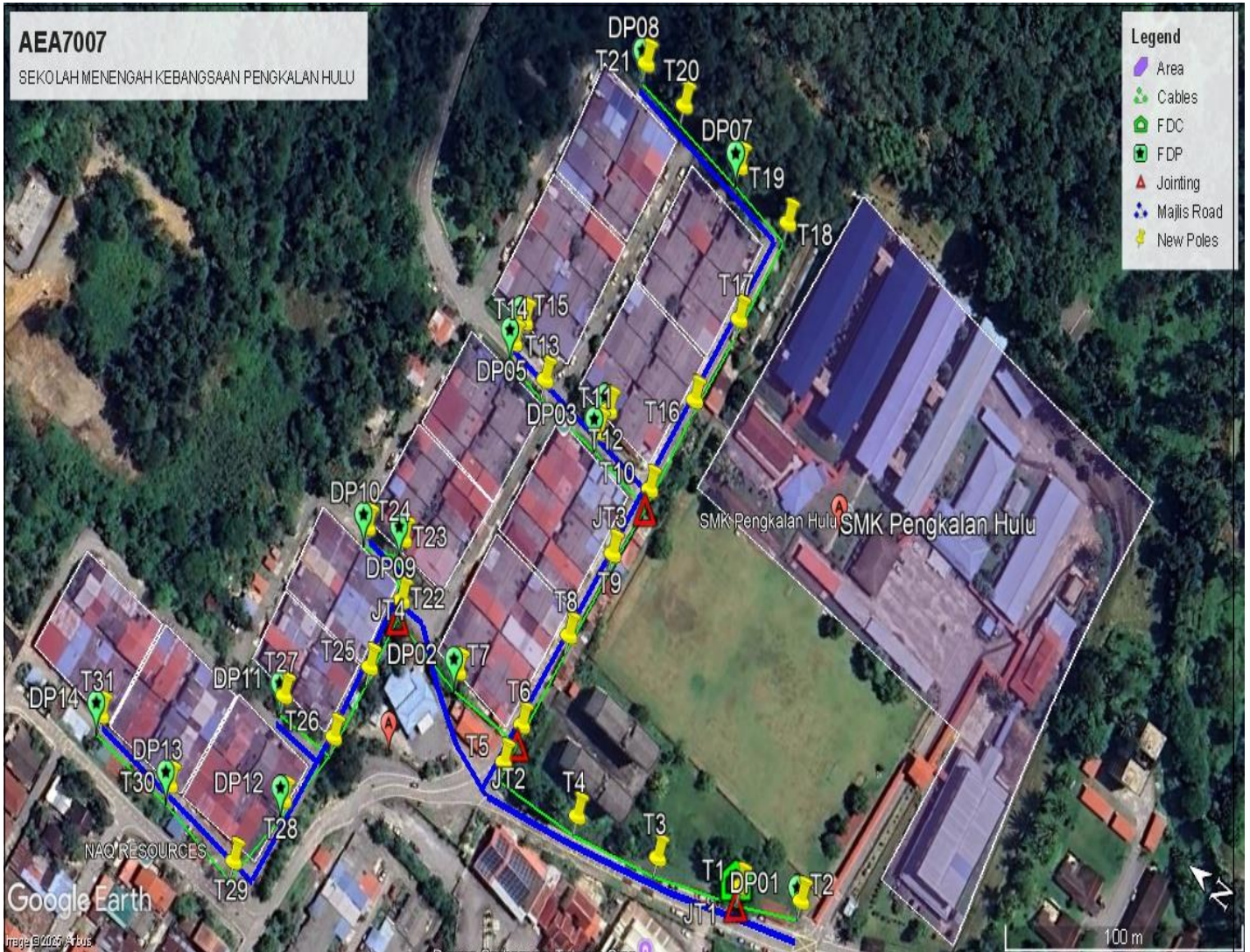
NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	-	-
		Majlis	-	-
		PDT	-	-
2	New Pole	JKR	-	-
		Majlis	31	818
		PDT	-	-
Total Distance (m)				818

3.0 SITE PLAN (KMZ)

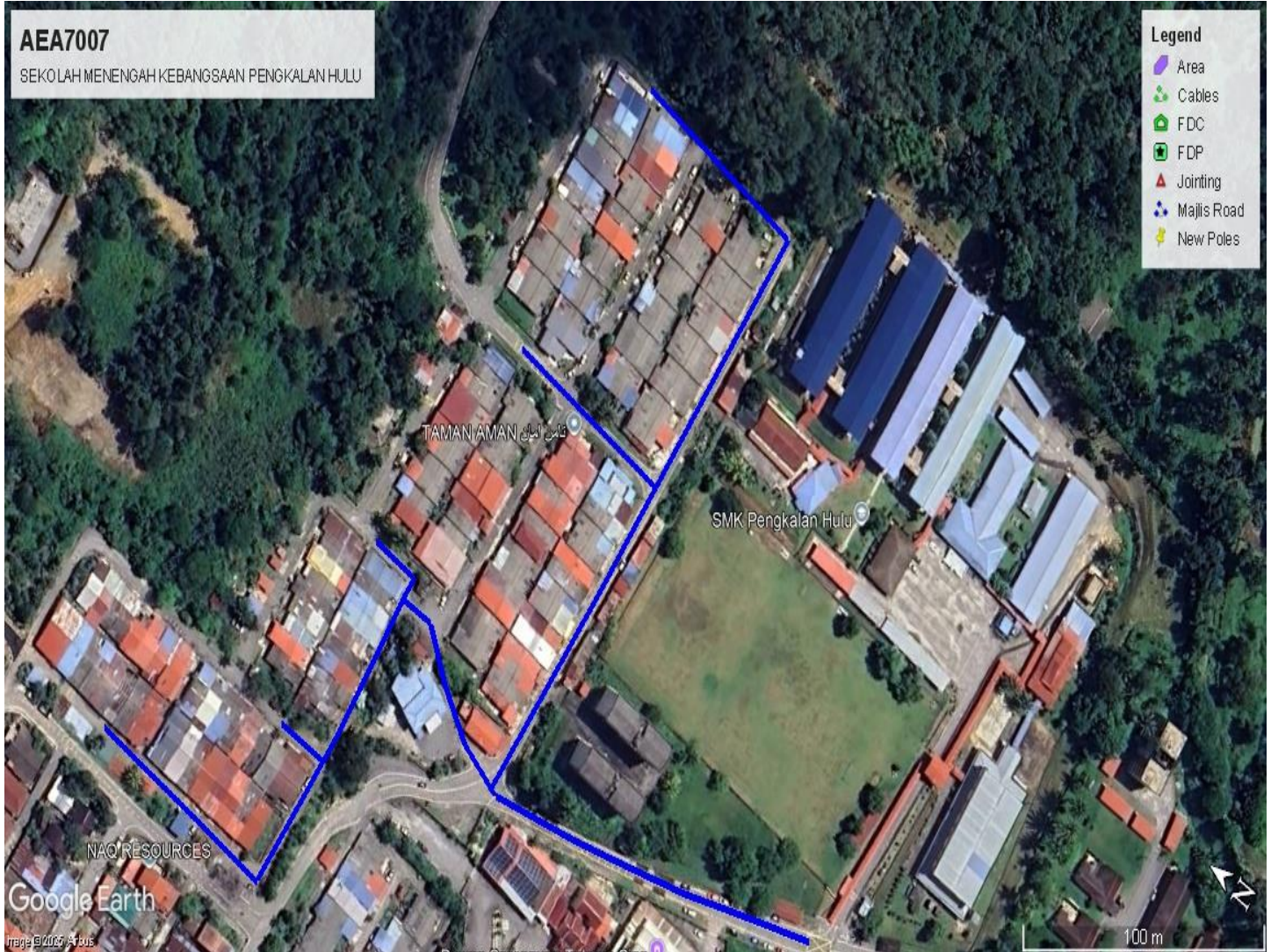
3.1 Overview Site Area



3.2 Site boundry



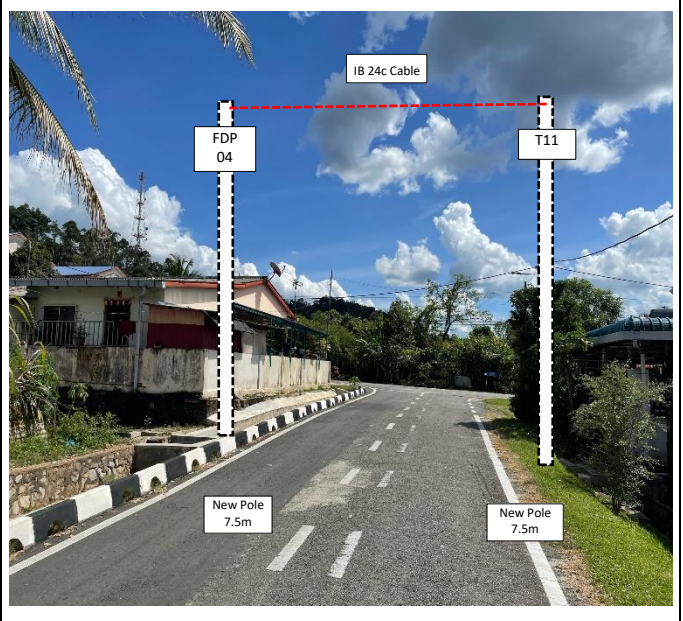
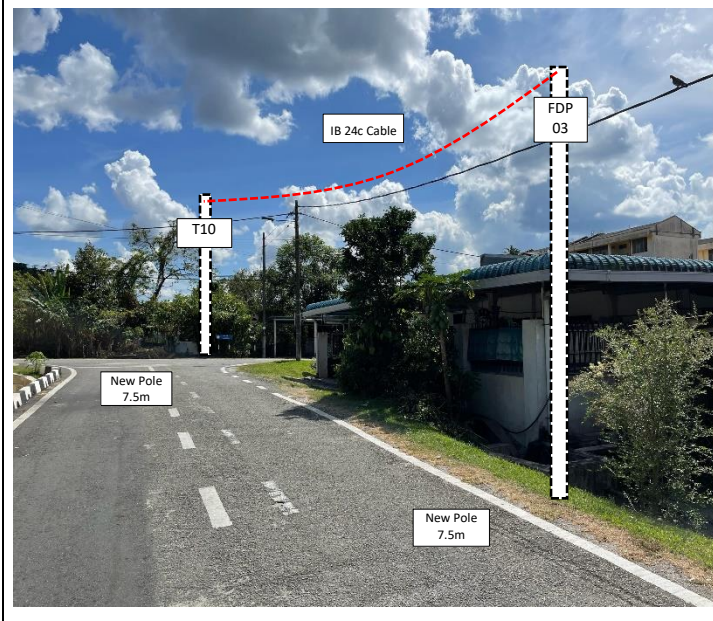
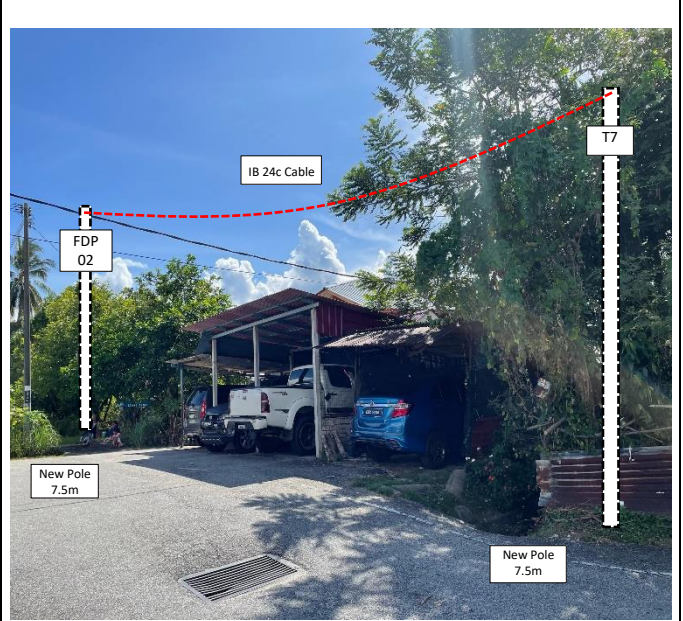
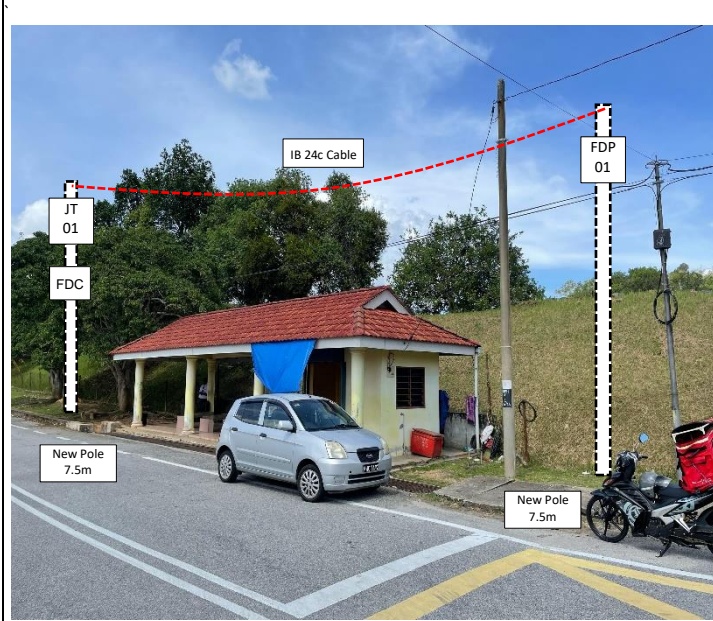
3.3 Road Boundry

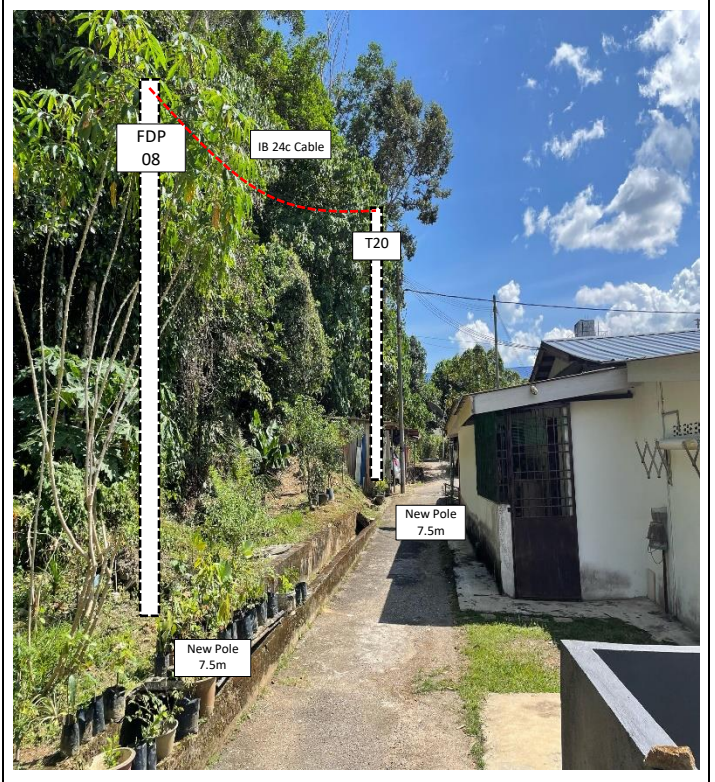
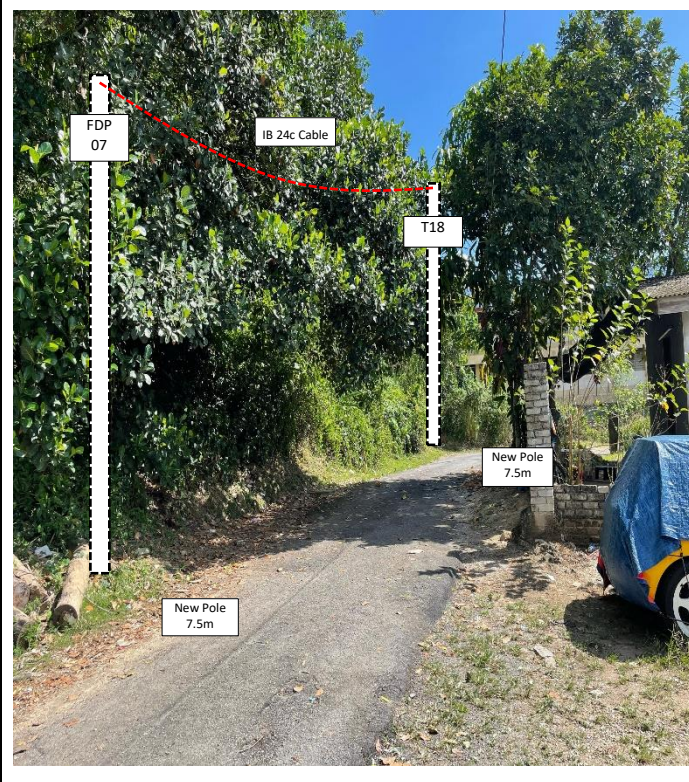
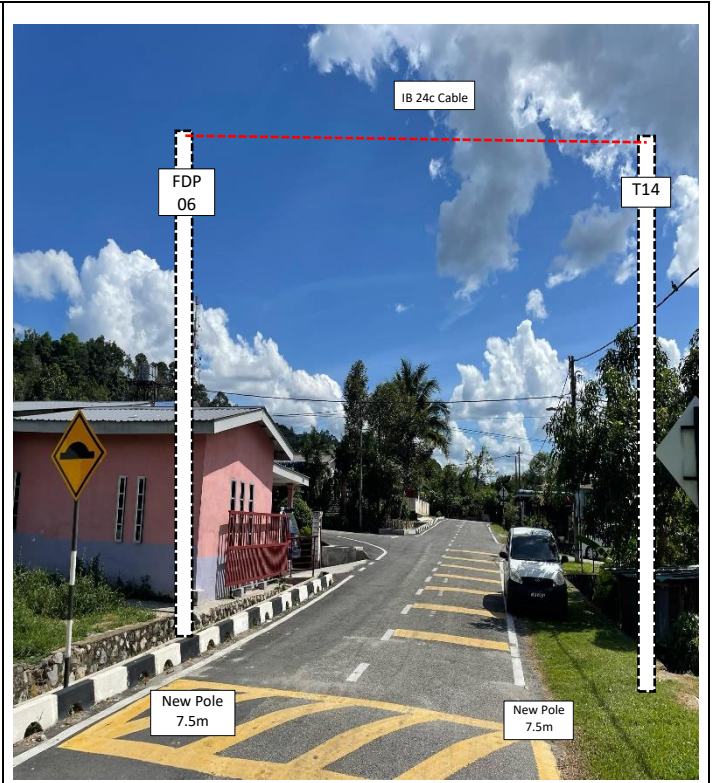
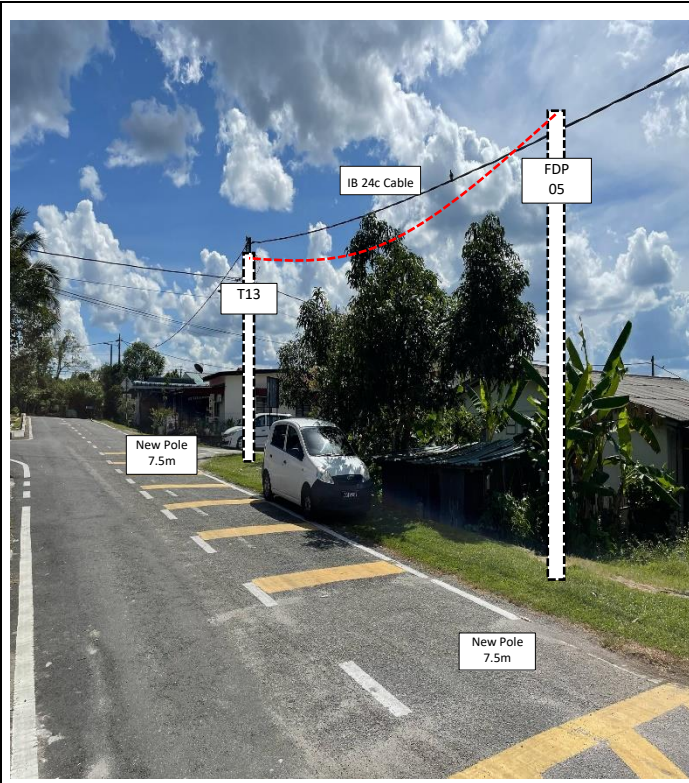


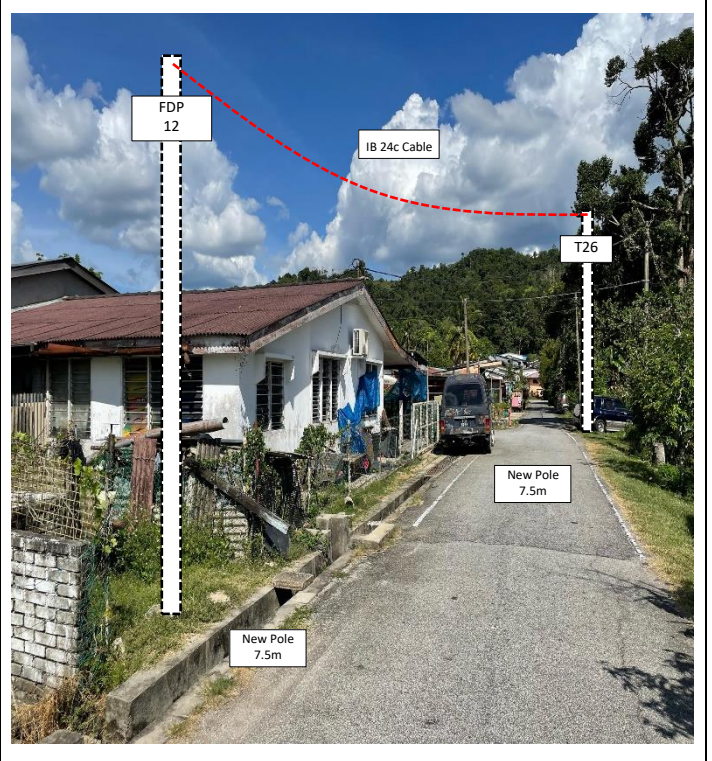
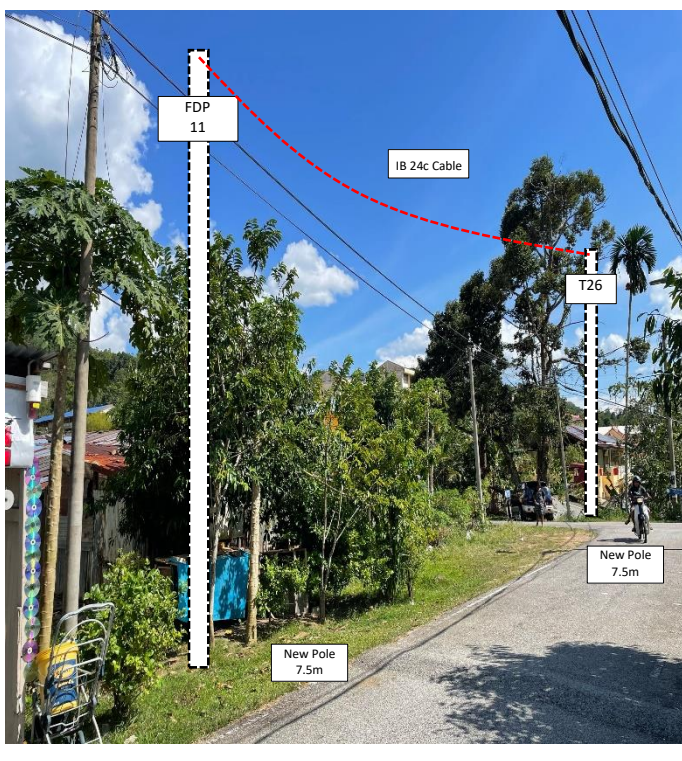
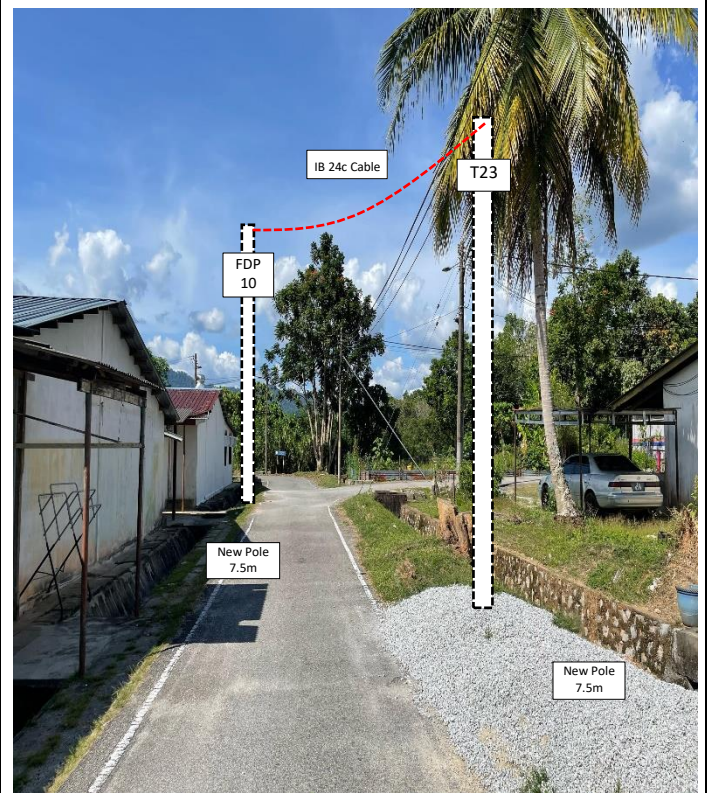
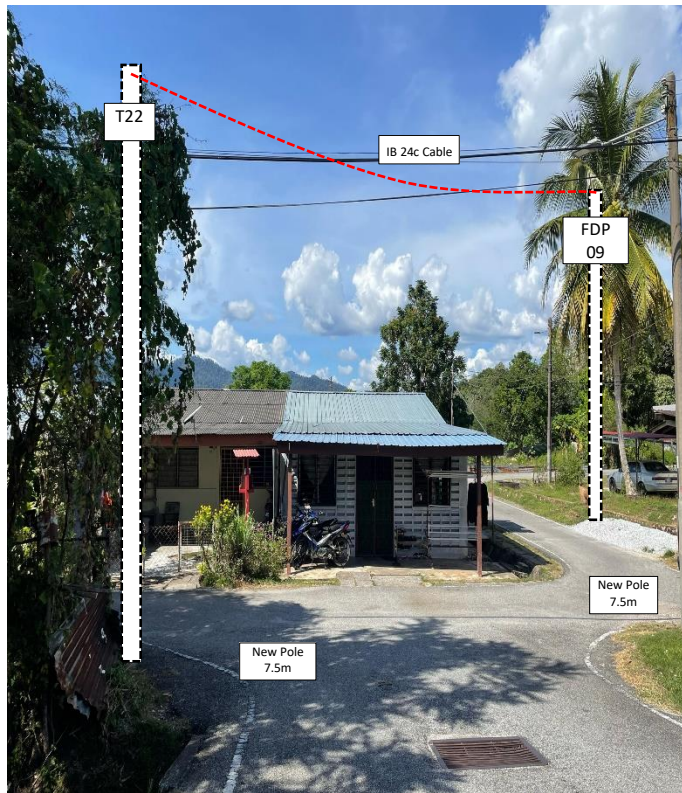
4.0 PROPOSED NEW POLE

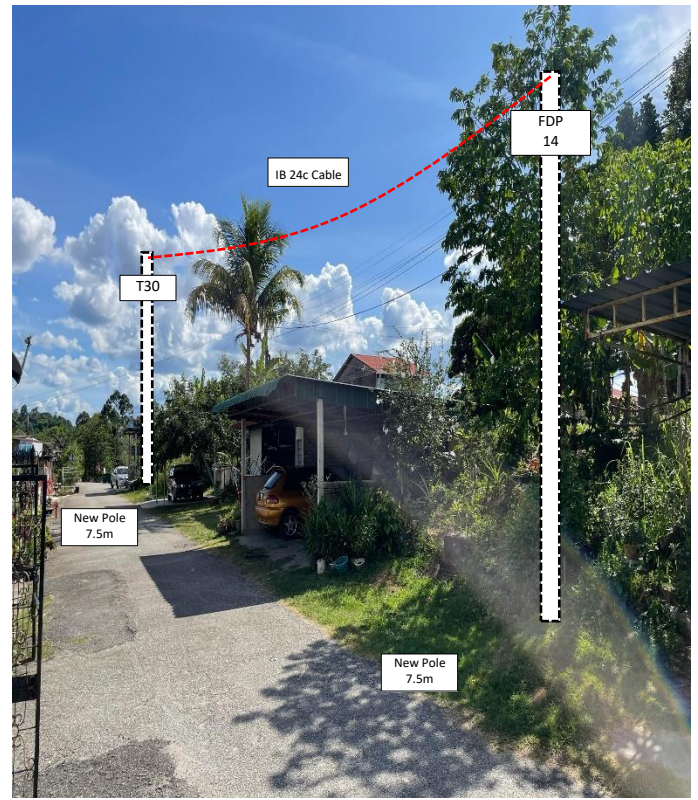
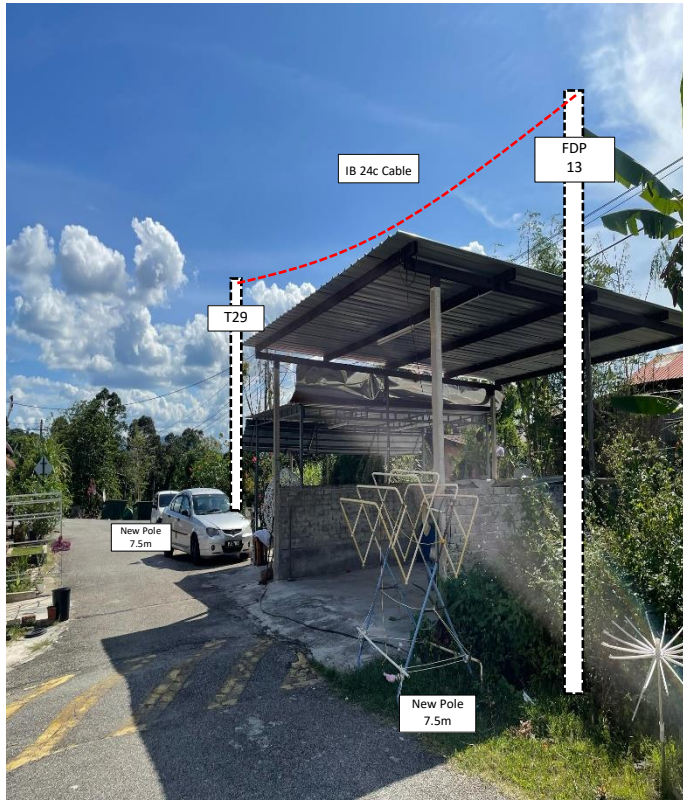
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	FDC POLE	10	5.702066	101.004051	Majlis Daerah Pengkalan Hulu
2	T001	27	5.702066	101.004051	Majlis Daerah Pengkalan Hulu
3	T002	37	5.701848	101.004150	Majlis Daerah Pengkalan Hulu
4	T003	38	5.702384	101.003941	Majlis Daerah Pengkalan Hulu
5	T004	36	5.702715	101.003868	Majlis Daerah Pengkalan Hulu
6	T005	14	5.703040	101.003833	Majlis Daerah Pengkalan Hulu
7	T006	44	5.703037	101.003964	Majlis Daerah Pengkalan Hulu
8	T007	35	5.703332	101.003950	Majlis Daerah Pengkalan Hulu
9	T008	32	5.703021	101.004282	Majlis Daerah Pengkalan Hulu
10	T009	26	5.703002	101.004570	Majlis Daerah Pengkalan Hulu
11	T010	29	5.702979	101.004803	Majlis Daerah Pengkalan Hulu
12	T011	8	5.703236	101.004830	Majlis Daerah Pengkalan Hulu
13	T012	28	5.703234	101.004902	Majlis Daerah Pengkalan Hulu
14	T013	18	5.703492	101.004838	Majlis Daerah Pengkalan Hulu
15	T014	8	5.703652	101.004859	Majlis Daerah Pengkalan Hulu
16	T015	34	5.703649	101.004932	Majlis Daerah Pengkalan Hulu
17	T016	31	5.702968	101.005109	Majlis Daerah Pengkalan Hulu
18	T017	36	5.702947	101.005391	Majlis Daerah Pengkalan Hulu
19	T018	27	5.702935	101.005714	Majlis Daerah Pengkalan Hulu
20	T019	30	5.703176	101.005743	Majlis Daerah Pengkalan Hulu
21	T020	21	5.703446	101.005767	Majlis Daerah Pengkalan Hulu
22	T021	34	5.703632	101.005785	Majlis Daerah Pengkalan Hulu
23	T022	20	5.703631	101.003998	Majlis Daerah Pengkalan Hulu
24	T023	16	5.703717	101.004151	Majlis Daerah Pengkalan Hulu
25	T024	26	5.703854	101.004102	Majlis Daerah Pengkalan Hulu
26	T025	28	5.703636	101.003764	Majlis Daerah Pengkalan Hulu
27	T026	26	5.703649	101.003512	Majlis Daerah Pengkalan Hulu
28	T027	30	5.703878	101.003507	Majlis Daerah Pengkalan Hulu
29	T028	29	5.703718	101.003253	Majlis Daerah Pengkalan Hulu
30	T029	37	5.703787	101.003002	Majlis Daerah Pengkalan Hulu
31	T030	36	5.704116	101.003053	Majlis Daerah Pengkalan Hulu
32	T031	36	5.704446	101.003080	Majlis Daerah Pengkalan Hulu

5.0 SITE PHOTOS - PROPOSED NEW POLE











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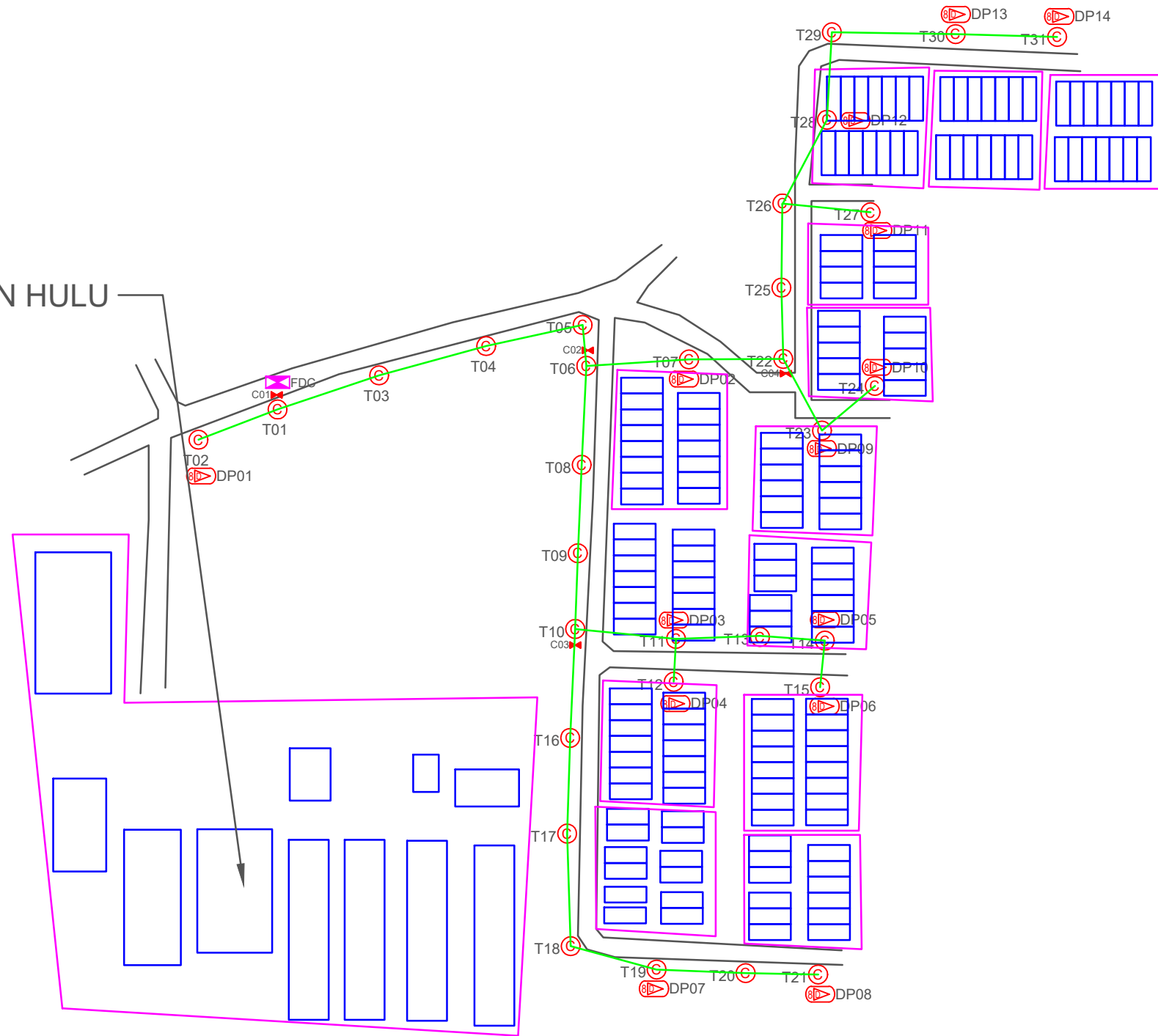


WABTECH SDN BHD
(1398387-X)

6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Pengkalan Hulu	818m
2	JKR Daerah Pengkalan Hulu	-

AEA7007 SMK PENGKALAN HULU



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 (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

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 - AEA7007 - SMK PENGKALAN HULU

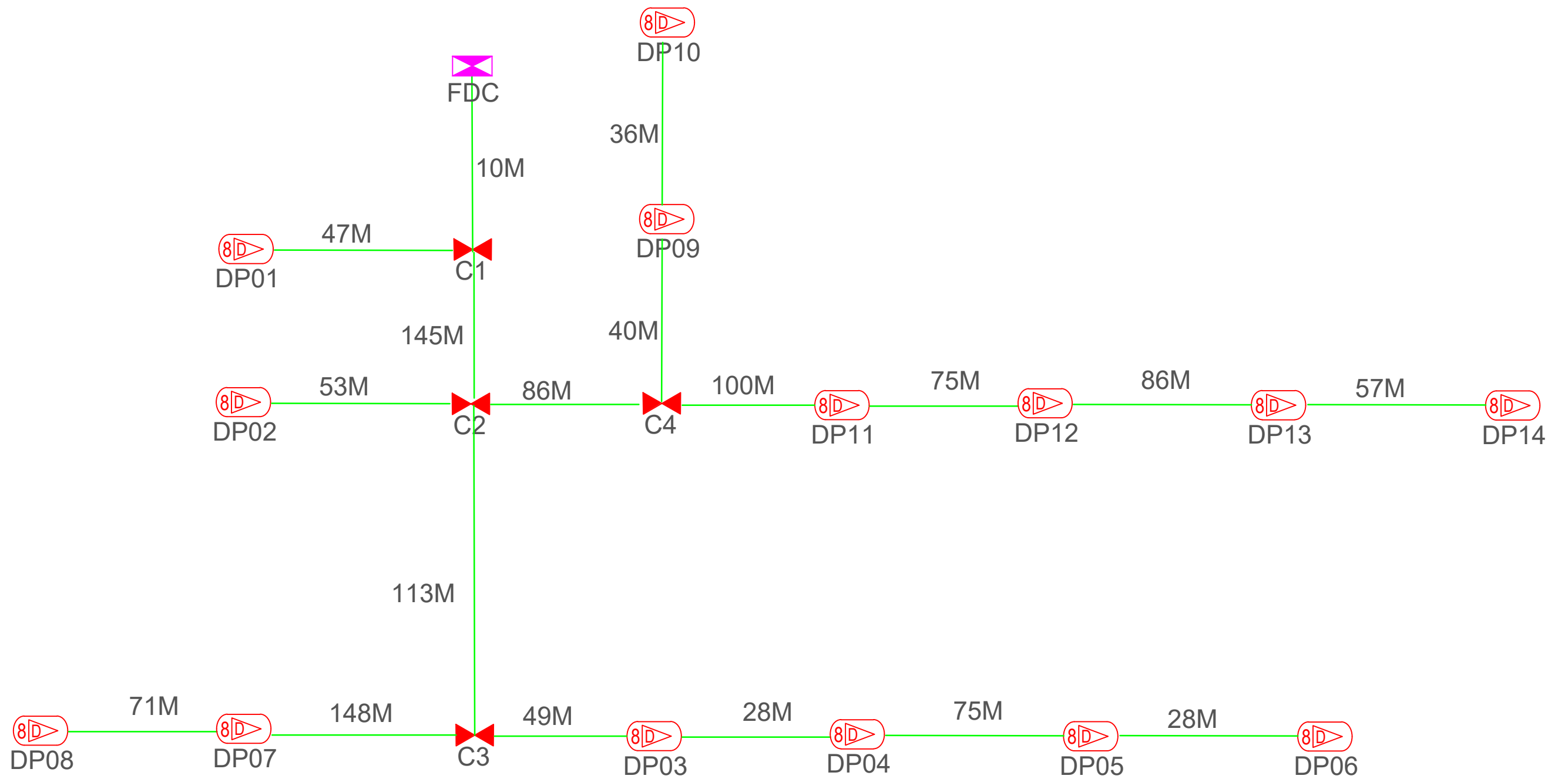
DRAWING TITLE:

AEA7007 SMK PENGKALAN HULU

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: 1,247 METERS

LEGEND

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KEY PLAN : 	PROJECT OWNER : 	MAIN CONTRACTOR 	SUB-CONTRACTOR : 	PROJECT TITLE: CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION, AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 PROJECT D-SIDE - AEA7007 - SMK PENGKALAN HULU	DRAWING TITLE: AEA7007 SMK PENGKALAN HULU	Design By ENGINEER	Date DATE
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