

TECHNICAL PROPOSAL

POP2 ABA7032 SEKOLAH KEBANGSAAN (FELDA) LAWIN UTARA (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 : 02/01/2025



Point A



Point B

Starting Point

Site / Boundary Name : Sekolah Kebangsaan (FELDA) Lawin Utara
Address : No 1, Felda Lawin Utara, 33300, Gerik, Perak.
District : Gerik
Postcode : 33300
State : Perak
GPS Coordinate : 5.341105, 101.036764
LRD : A

End Point

Site / Boundary Name : 1156 Jalan FELDA Lawin Utara, Gerik
Address : Jalan FELDA Lawin Utara, 33300 Gerik, Perak.
District : Gerik
Postcode : 33300
State : Perak
GPS Coordinate : 5.331124, 101.035735
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
 (1398387-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	2796m
2	Install New Pole	ea	76
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	15
6	Estimated Time Required for Completion	days	30



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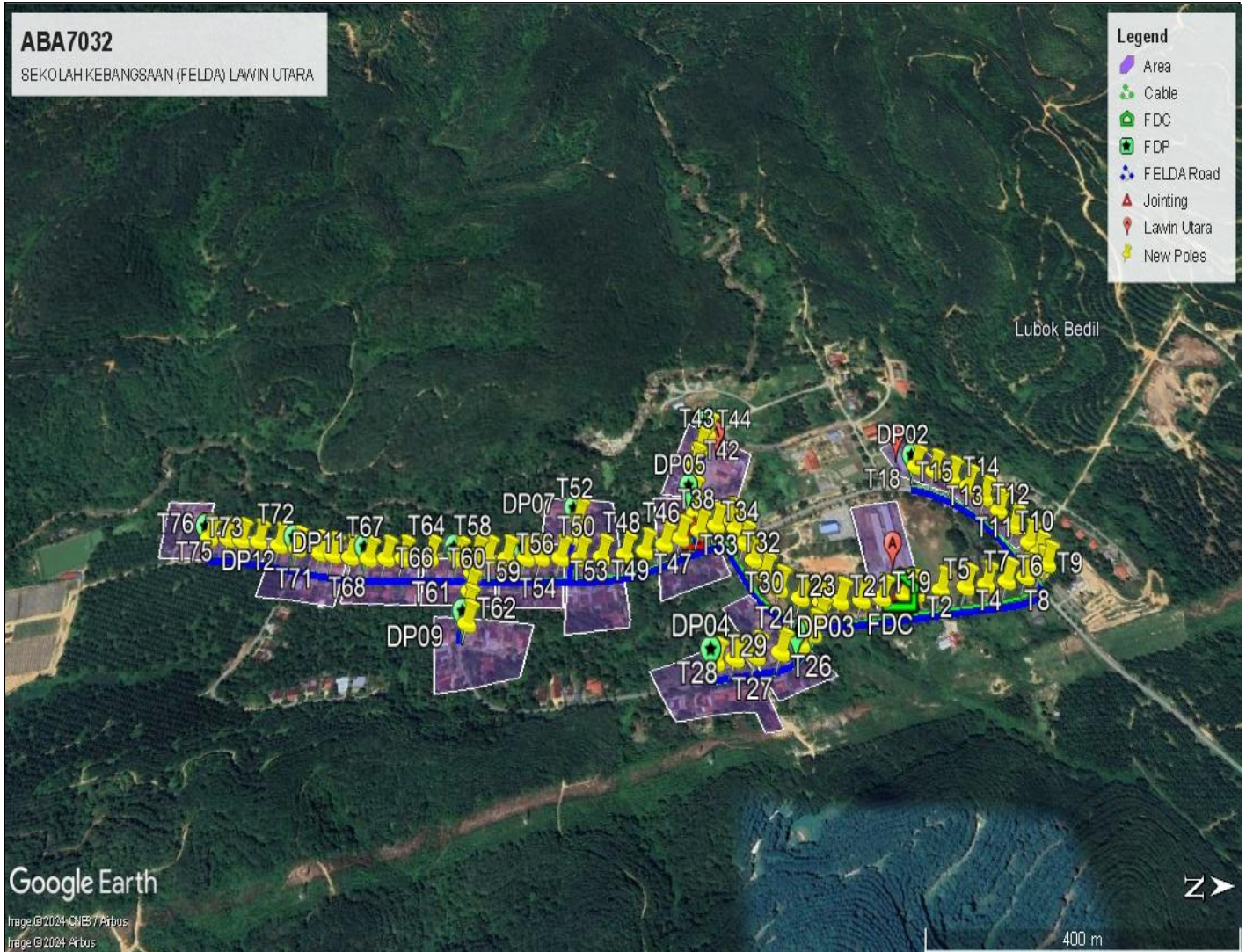
2.0 LOCAL AUTHORITY SUMMARY

Daerah Gerik

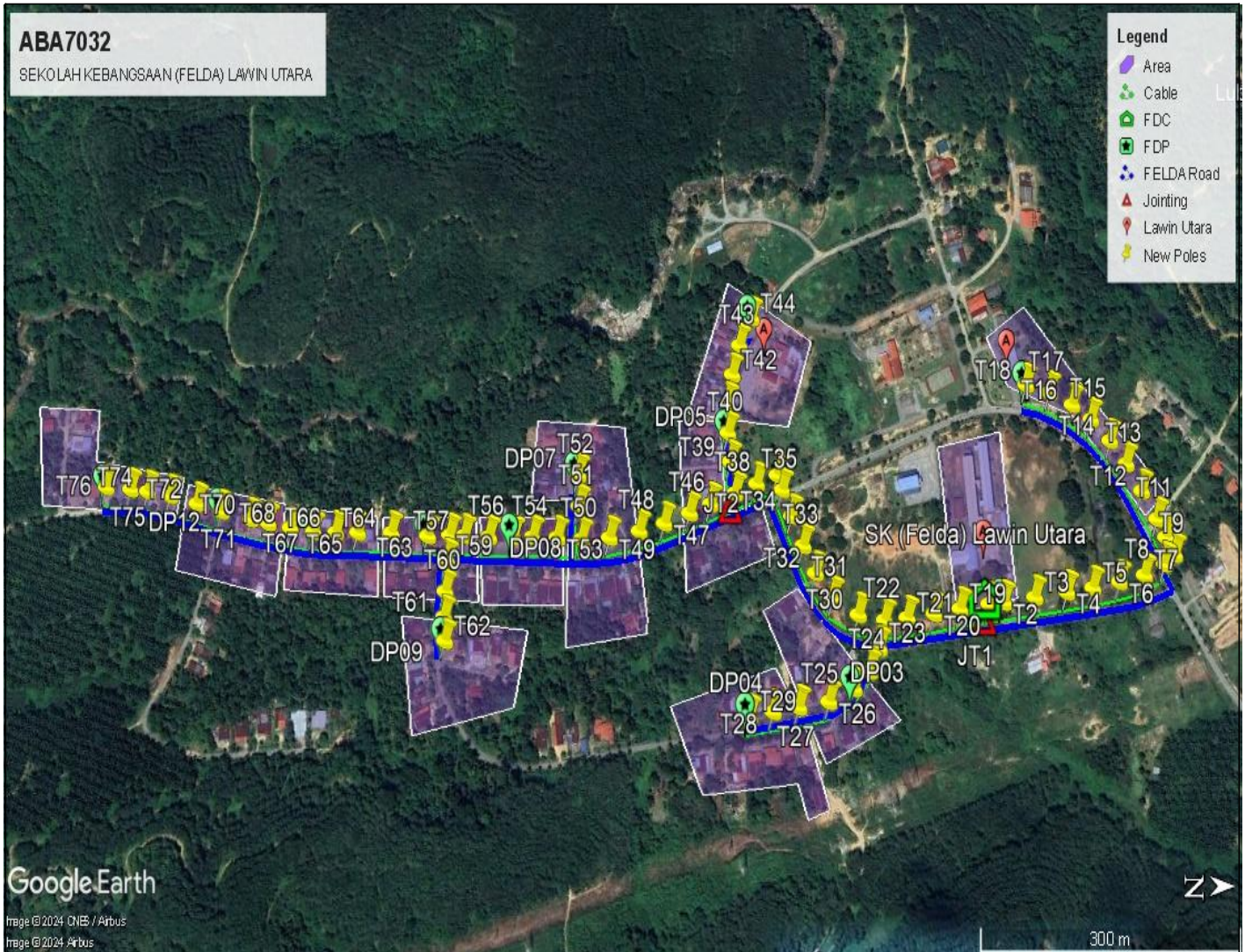
NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	-	-
		Majlis	-	-
		PDT	-	-
2	New Pole	JKR	-	-
		FELDA Lawin Utara	76	2206
		PDT	-	-
Total Distance (m)				2206

3.0 SITE PLAN (KMZ)

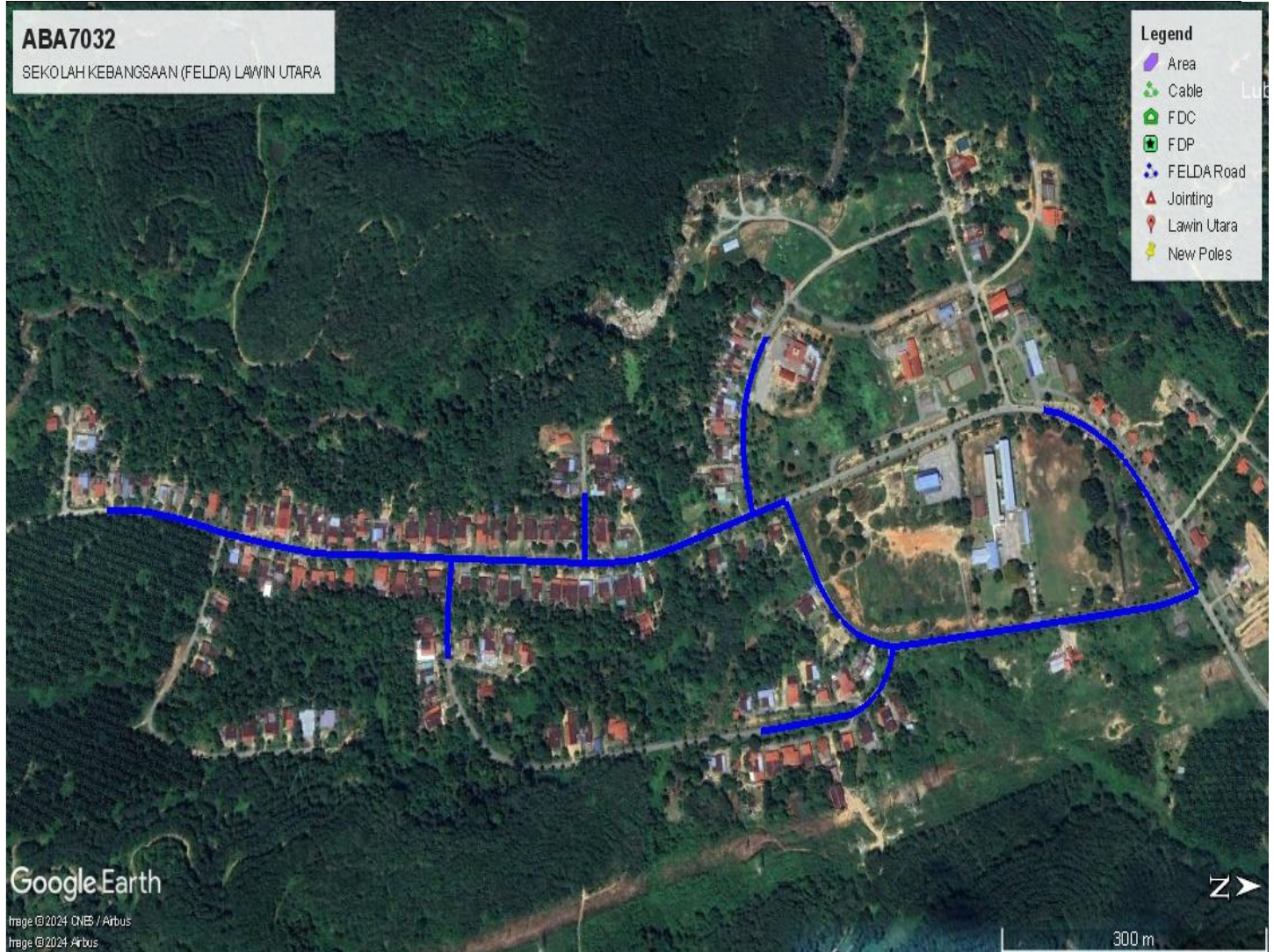
3.1 Overview Site Area



3.2 Site boundry



3.3 Road Boundry

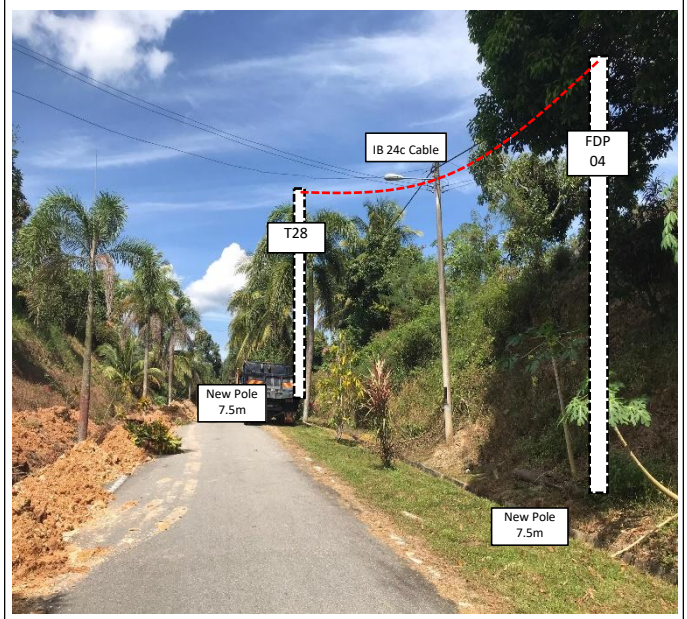
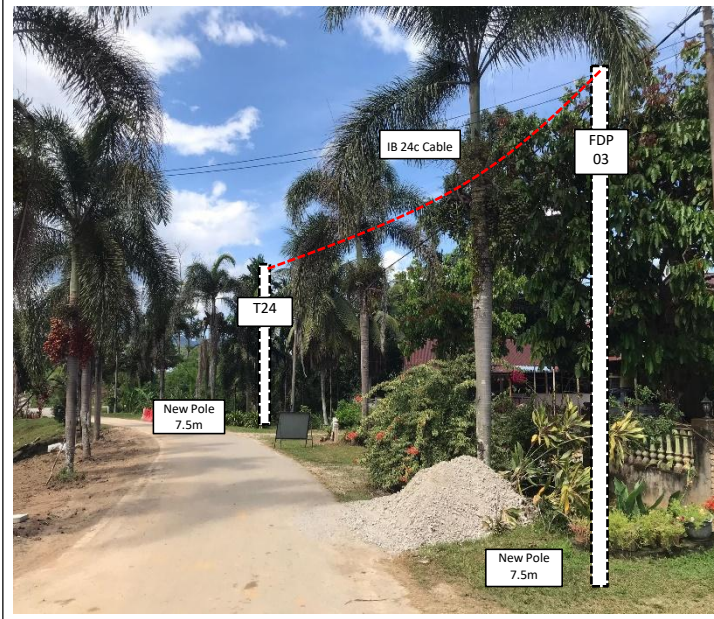
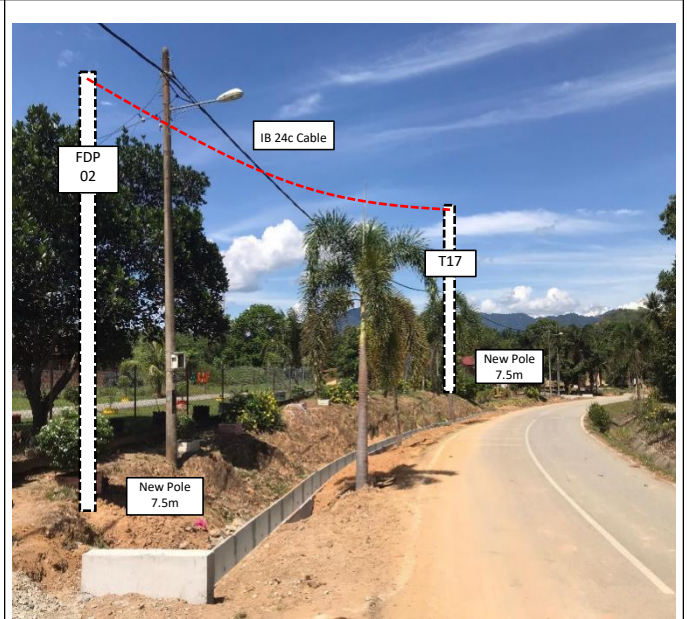
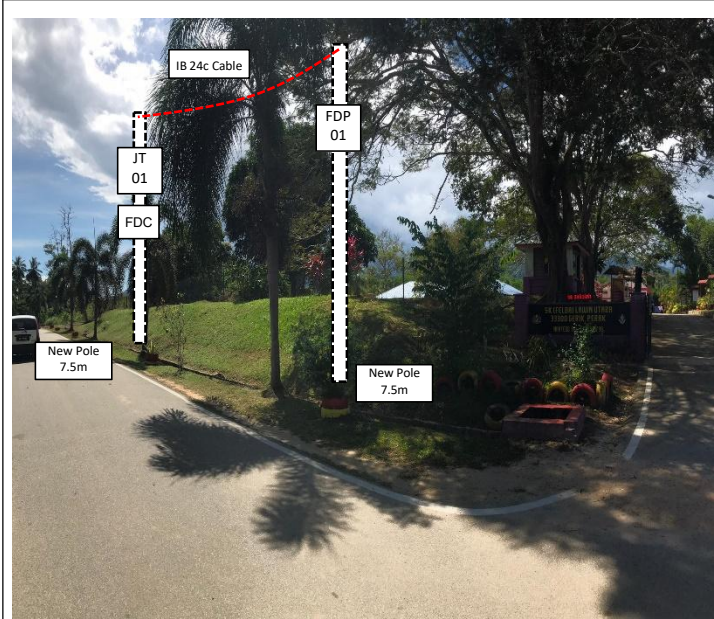


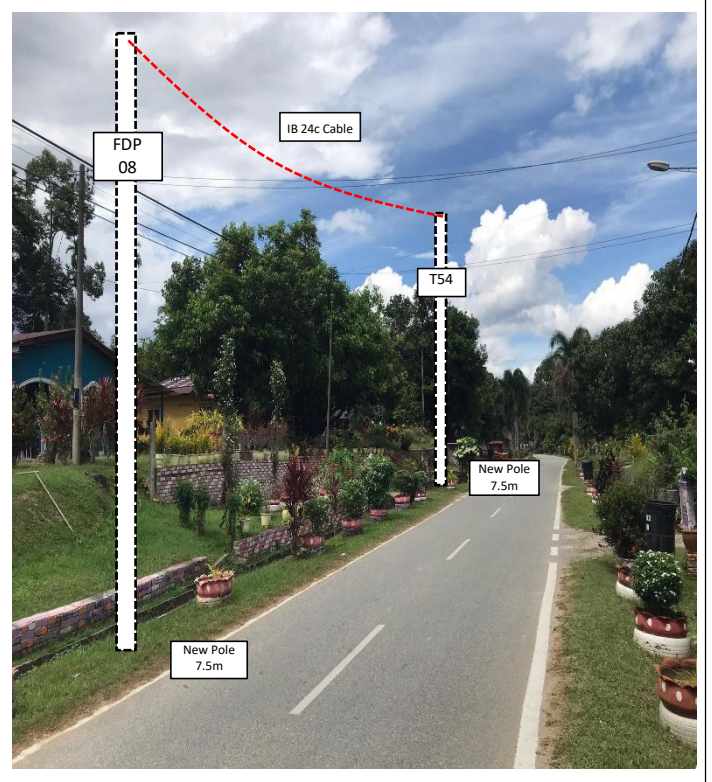
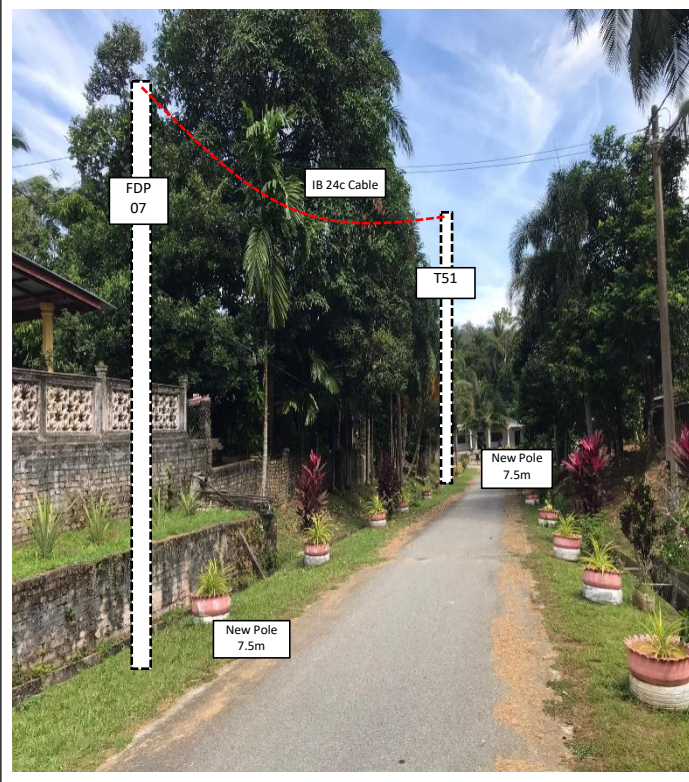
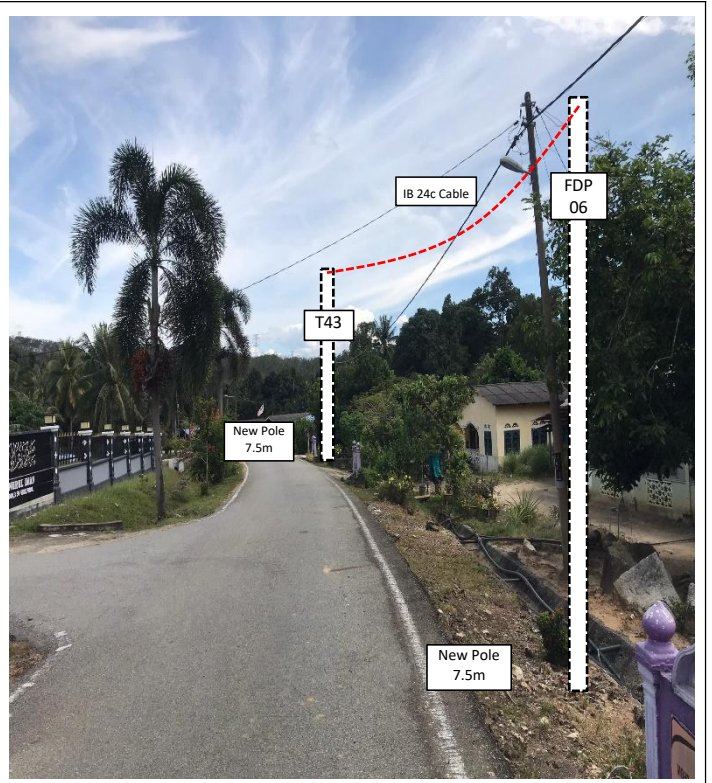
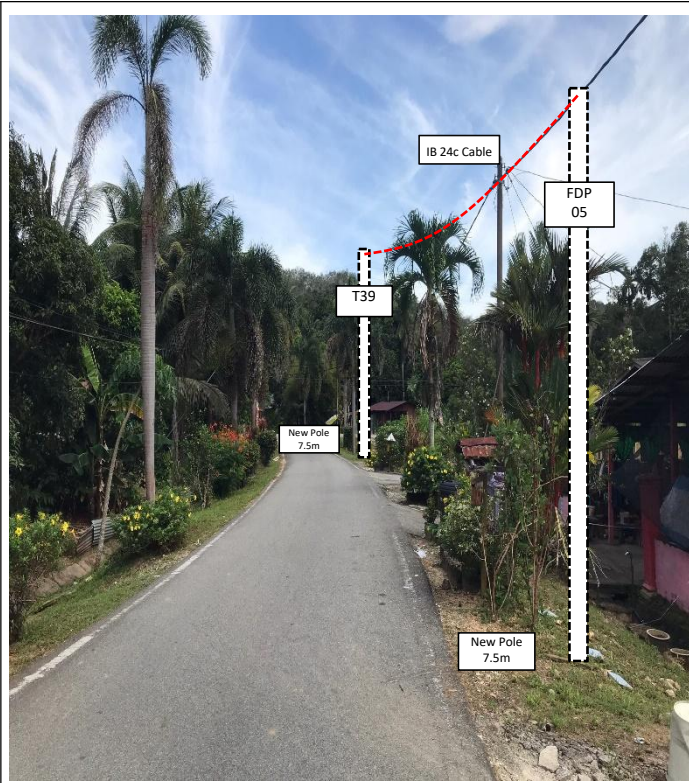
4.0 PROPOSED NEW POLE

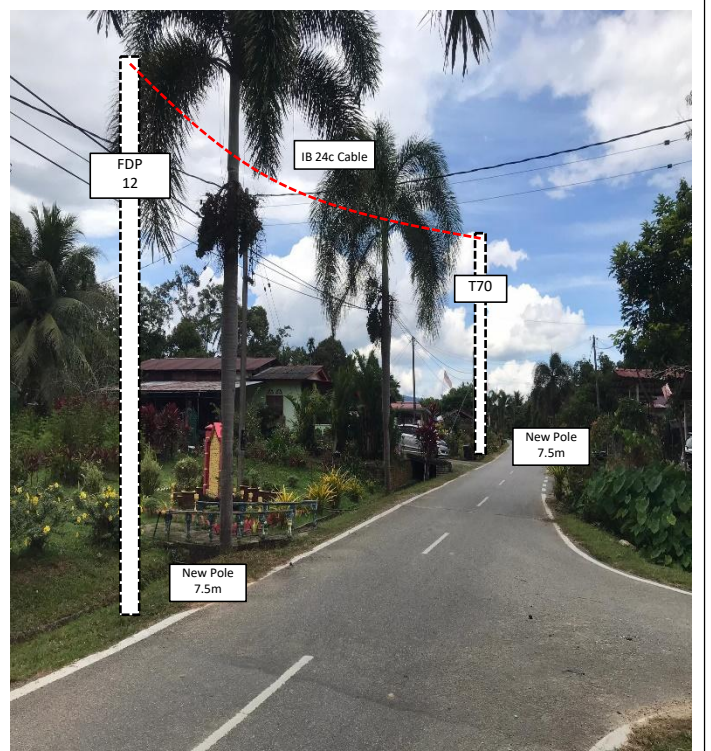
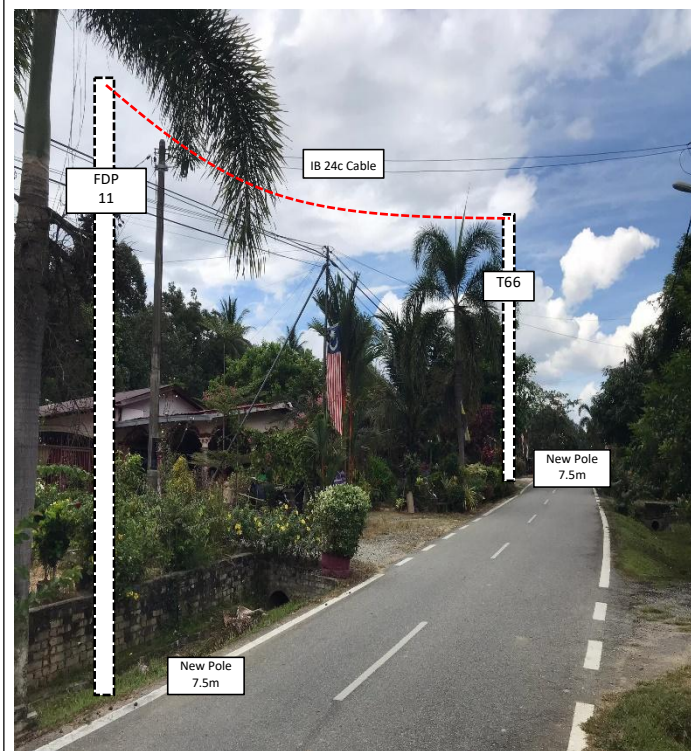
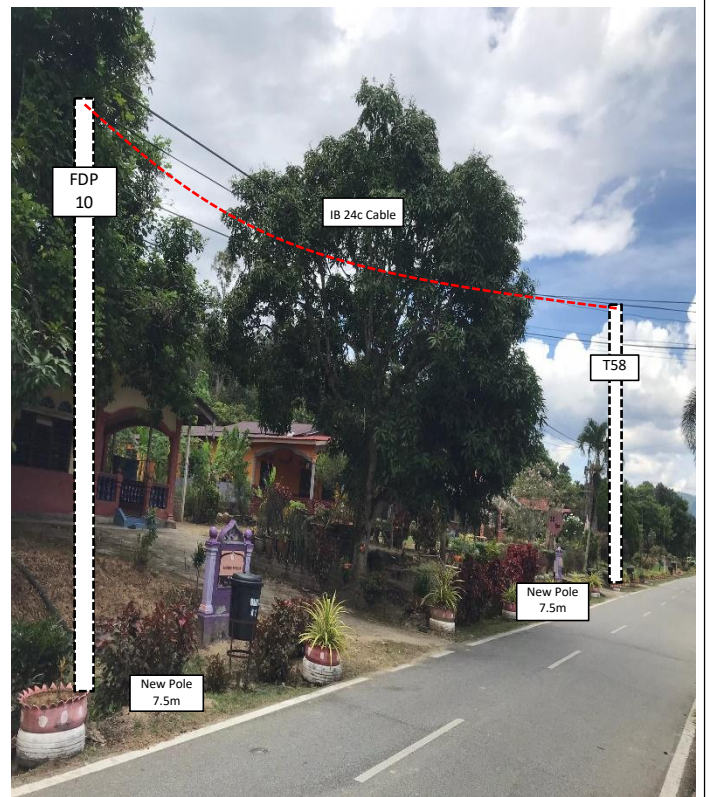
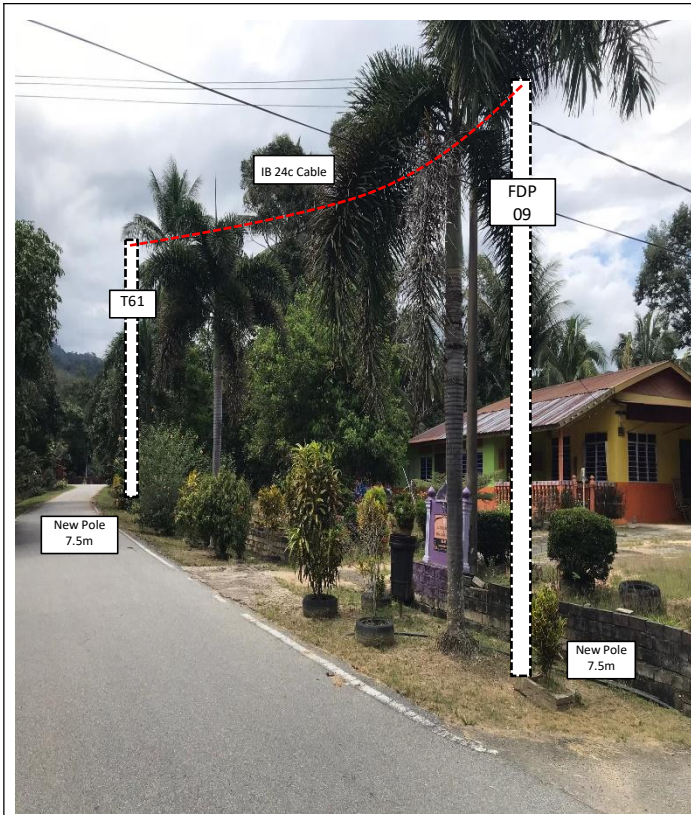
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	FDC POLE	10	5.340945	101.036778	FELDA Lawin Utara
2	T001	18	5.340945	101.036778	FELDA Lawin Utara
3	T002	38	5.341105	101.036764	FELDA Lawin Utara
4	T003	39	5.341447	101.036719	FELDA Lawin Utara
5	T004	32	5.341798	101.036674	FELDA Lawin Utara
6	T005	32	5.342086	101.036636	FELDA Lawin Utara
7	T006	31	5.342382	101.036585	FELDA Lawin Utara
8	T007	27	5.342655	101.036527	FELDA Lawin Utara
9	T008	16	5.342879	101.036432	FELDA Lawin Utara
10	T009	19	5.342993	101.036351	FELDA Lawin Utara
11	T010	20	5.342909	101.036201	FELDA Lawin Utara
12	T011	32	5.342822	101.036041	FELDA Lawin Utara
13	T012	31	5.342670	101.035797	FELDA Lawin Utara
14	T013	29	5.342519	101.035558	FELDA Lawin Utara
15	T014	30	5.342357	101.035352	FELDA Lawin Utara
16	T015	26	5.342163	101.035159	FELDA Lawin Utara
17	T016	30	5.341962	101.035031	FELDA Lawin Utara
18	T017	30	5.341709	101.034923	FELDA Lawin Utara
19	T018	35	5.341448	101.034859	FELDA Lawin Utara
20	T019	32	5.340629	101.036819	FELDA Lawin Utara
21	T020	34	5.340343	101.036864	FELDA Lawin Utara
22	T021	28	5.340042	101.036901	FELDA Lawin Utara
23	T022	28	5.339792	101.036921	FELDA Lawin Utara
24	T023	24	5.339724	101.037161	FELDA Lawin Utara
25	T024	26	5.339614	101.037353	FELDA Lawin Utara
26	T025	32	5.339437	101.037502	FELDA Lawin Utara
27	T026	36	5.339166	101.037609	FELDA Lawin Utara
28	T027	31	5.338841	101.037657	FELDA Lawin Utara
29	T028	29	5.338565	101.037695	FELDA Lawin Utara
30	T029	32	5.338309	101.037734	FELDA Lawin Utara
31	T030	34	5.339508	101.036876	FELDA Lawin Utara
32	T031	31	5.339236	101.036736	FELDA Lawin Utara
33	T032	30	5.339060	101.036516	FELDA Lawin Utara
34	T033	32	5.338936	101.036277	FELDA Lawin Utara
35	T034	28	5.338818	101.036016	FELDA Lawin Utara
36	T035	16	5.338719	101.035784	FELDA Lawin Utara
37	T036	27	5.338669	101.035652	FELDA Lawin Utara
38	T037	28	5.338440	101.035729	FELDA Lawin Utara
39	T038	31	5.338200	101.035811	FELDA Lawin Utara

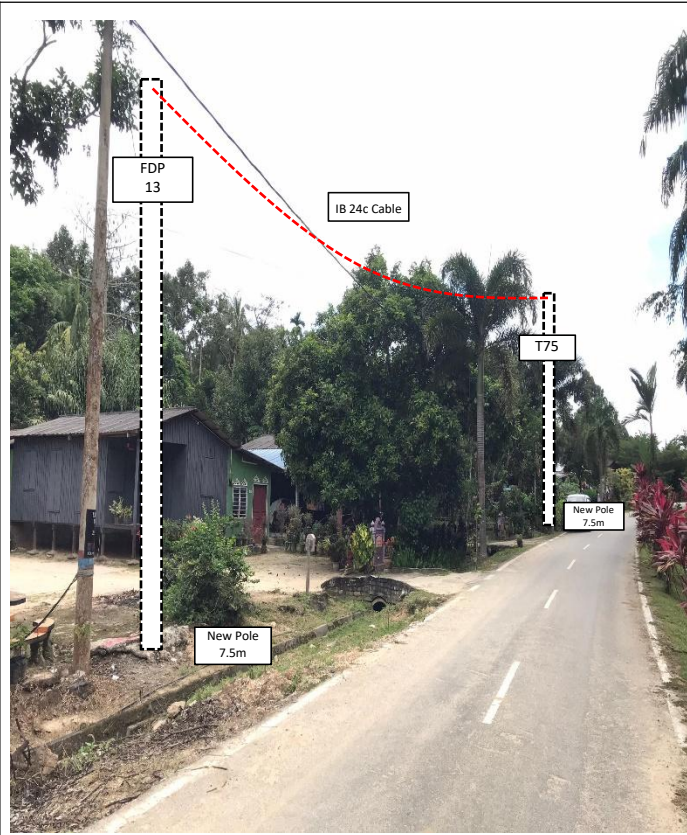
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
40	T039	29	5.338151	101.035534	FELDA Lawin Utara
41	T040	29	5.338130	101.035274	FELDA Lawin Utara
42	T041	30	5.338126	101.035013	FELDA Lawin Utara
43	T042	31	5.338183	101.034750	FELDA Lawin Utara
44	T043	31	5.338267	101.034487	FELDA Lawin Utara
45	T044	32	5.338403	101.034241	FELDA Lawin Utara
46	T045	27	5.337929	101.035906	FELDA Lawin Utara
47	T046	32	5.337696	101.035983	FELDA Lawin Utara
48	T047	32	5.337416	101.036073	FELDA Lawin Utara
49	T048	37	5.337138	101.036144	FELDA Lawin Utara
50	T049	34	5.336809	101.036206	FELDA Lawin Utara
51	T050	32	5.336500	101.036218	FELDA Lawin Utara
52	T051	31	5.336470	101.035930	FELDA Lawin Utara
53	T052	30	5.336460	101.035655	FELDA Lawin Utara
54	T053	30	5.336232	101.036203	FELDA Lawin Utara
55	T054	24	5.335959	101.036198	FELDA Lawin Utara
56	T055	30	5.335745	101.036198	FELDA Lawin Utara
57	T056	30	5.335474	101.036196	FELDA Lawin Utara
58	T057	18	5.335203	101.036186	FELDA Lawin Utara
59	T058	25	5.335039	101.036179	FELDA Lawin Utara
60	T059	30	5.335016	101.036405	FELDA Lawin Utara
61	T060	25	5.335004	101.036672	FELDA Lawin Utara
62	T061	23	5.334997	101.036892	FELDA Lawin Utara
63	T062	27	5.335007	101.037096	FELDA Lawin Utara
64	T063	45	5.334794	101.036187	FELDA Lawin Utara
65	T064	42	5.334387	101.036158	FELDA Lawin Utara
66	T065	27	5.334011	101.036154	FELDA Lawin Utara
67	T066	28	5.333764	101.036152	FELDA Lawin Utara
68	T067	30	5.333514	101.036146	FELDA Lawin Utara
69	T068	28	5.333248	101.036109	FELDA Lawin Utara
70	T069	23	5.332995	101.036067	FELDA Lawin Utara
71	T070	38	5.332795	101.036031	FELDA Lawin Utara
72	T071	33	5.332462	101.035961	FELDA Lawin Utara
73	T072	35	5.332174	101.035889	FELDA Lawin Utara
74	T073	30	5.331861	101.035816	FELDA Lawin Utara
75	T074	22	5.331594	101.035775	FELDA Lawin Utara
76	T075	31	5.331399	101.035754	FELDA Lawin Utara
77	T076	31	5.331124	101.035737	FELDA Lawin Utara

5.0 SITE PHOTOS - PROPOSED NEW POLE











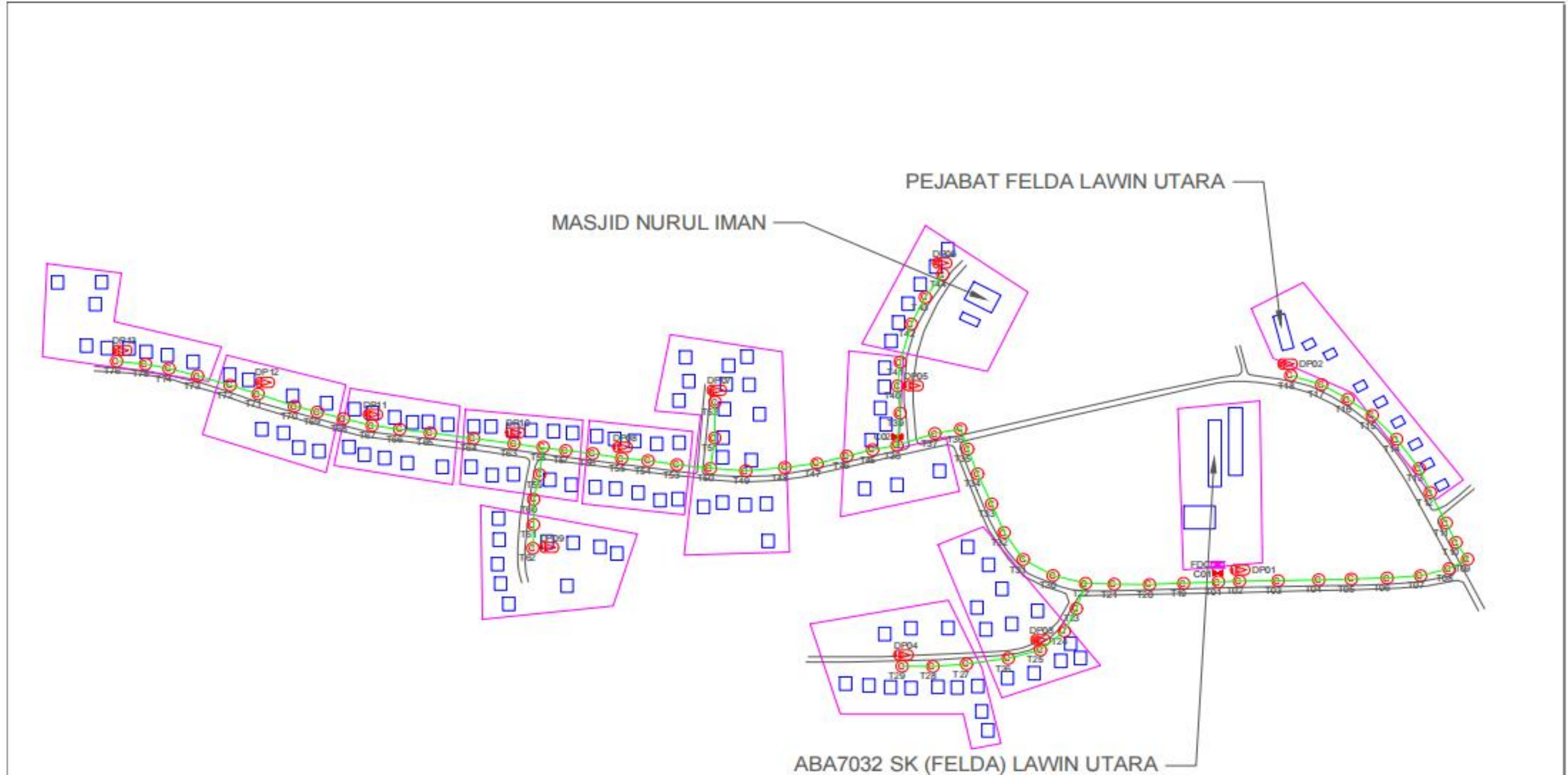
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(KKMM.400-11/17/132(1))



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11398387-XL

6.0 3rd PARTIES DEPENDENCIES

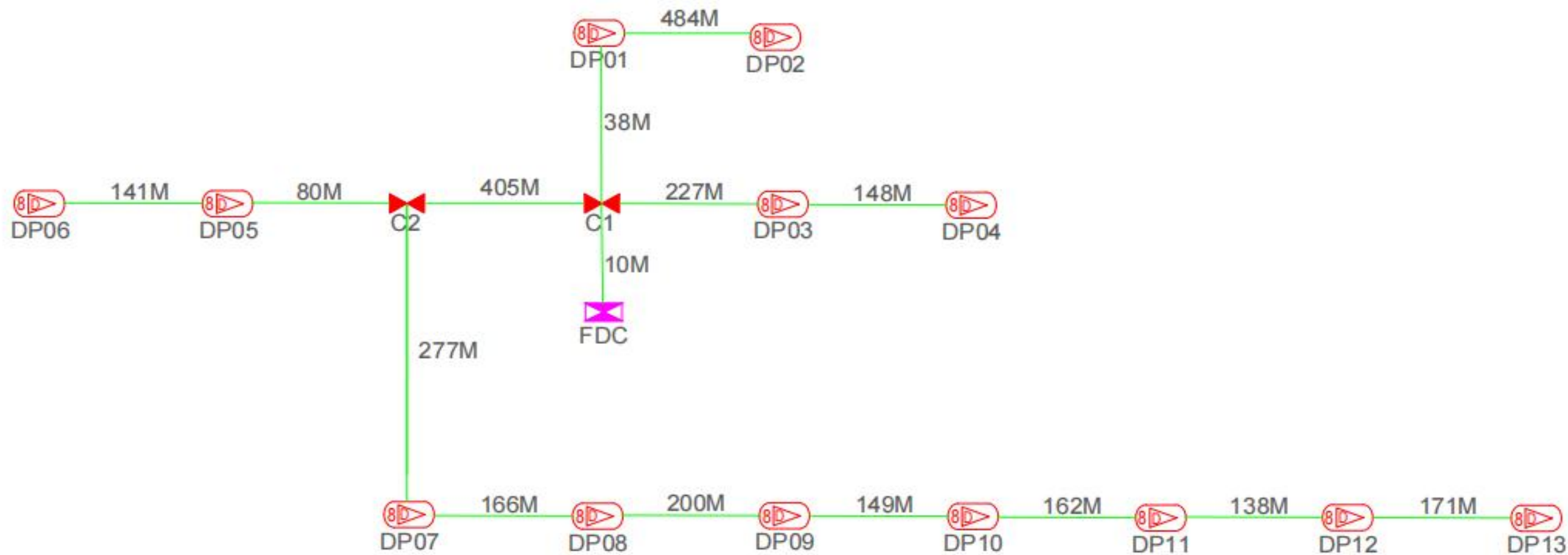
NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	FELDA Lawin Utara	2206m
2	JKR Daerah Lenggong	-



TOTAL HOME PASSES: 104 UNITS

LEGEND			
12C FDC	Installed 1:4 splitter in FDC	Installed Pole (9m)	New Manhole (RC7)
24C FDC	FDP with (1:8) splitter	Installed Riser	House Number
48C FDC	Closure	Suspension Big	Existing TMB Pole
96C FDC	New Manhole (Pit)	Suspension Small	LOOP
144C FDC	Installed Pole (7.5M)	FDC	FDP Boundary
			Tension Small / Tension Big
			Existing Manhole
			Closure NO.
			FDP1 FDP NO.
			FDC FDC NO.
			MH1 MH1 NO.
			TMS-1 Existing TMB Pole NO.
			PODI New Pole NO.
			SEE SHEET ABC
			SEE SHEET ABC

KEY PLAN : 	PROJECT OWNER : 	MAIN CONTRACTOR : PRIVASAT	SUB-CONTRACTOR : WBTECH SDN BHD	PROJECT TITLE: CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION, AND COMMISSIONING OF FTTH NETWORK INFRASTRUCTURE - POP 2 PROJECT D-SIDE - ABA7032 - SK (FELDA) LAWIN UTARA	DRAWING TITLE: ABA7032 SK (FELDA) LAWIN UTARA	Design By: ENGINEER Date: DATE
					PROJECT PHASE: PROJECT PHASE	Drawn By: CAD ENGINEER Scale: NTS
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TOTAL FOC DISTANCE: 2,796 METERS

LEGEND

12C FOC	Installed 1:4 splitter in FDC	Installed Pole (3m)	New Manhole (PC7)	Tension Small / Tension Big	MH1	MH NO.	
24C FOC	FDP with (1:8) splitter	Installed Riser	House Number	Existing Manhole	TKS-1	Existing THE Pole NO.	
48C FOC	Closure	Suspension Big	Existing 3M Pole	C21	Closure NO.	F001	New Pole NO.
96C FOC	New Manhole (PH)	Suspension Small	LOOP	FDP1	FDP NO.	SEE SHEET XXX	SEE SHEET XXX
144C FOC	Installed Pole (7.5M)	FDC	FDP Boundary	FDC	FDC NO.		

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