

TECHNICAL PROPOSAL

POP2 ABA7001 SEKOLAH KEBANGSAAN KROH (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 : 20/2/2025



Starting Point

Site / Boundary Name : Sekolah Kebangsaan Kroh
 Address : Jalan Tasek, 33100 Pengkalan Hulu, Perak
 District : Pengkalan Hulu
 Postcode : 33100
 State : Perak
 GPS Coordinate : 5.705768, 100.998322
 LRD : A

End Point

Site / Boundary Name : Taman Nilam
 Address : Jalan Kompleks Guru, 33100 Pengkalan Hulu, Perak
 District : Pengkalan Hulu
 Postcode : 33100
 State : Perak
 GPS Coordinate : 5.700859, 101.004482
 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
ESTABLISHED 2011

1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	44
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	2277
2	Install New Pole	ea	48
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	19
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
ESTABLISHED 2014

2.0 LOCAL AUTHORITY SUMMARY

Daerah Pengkalan Hulu

NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	1	44
		Majlis	-	-
		PDT	-	-
2	New Pole	JKR	-	-
		Majlis	48	1602
		PDT	-	-
Total Distance (m)				1646

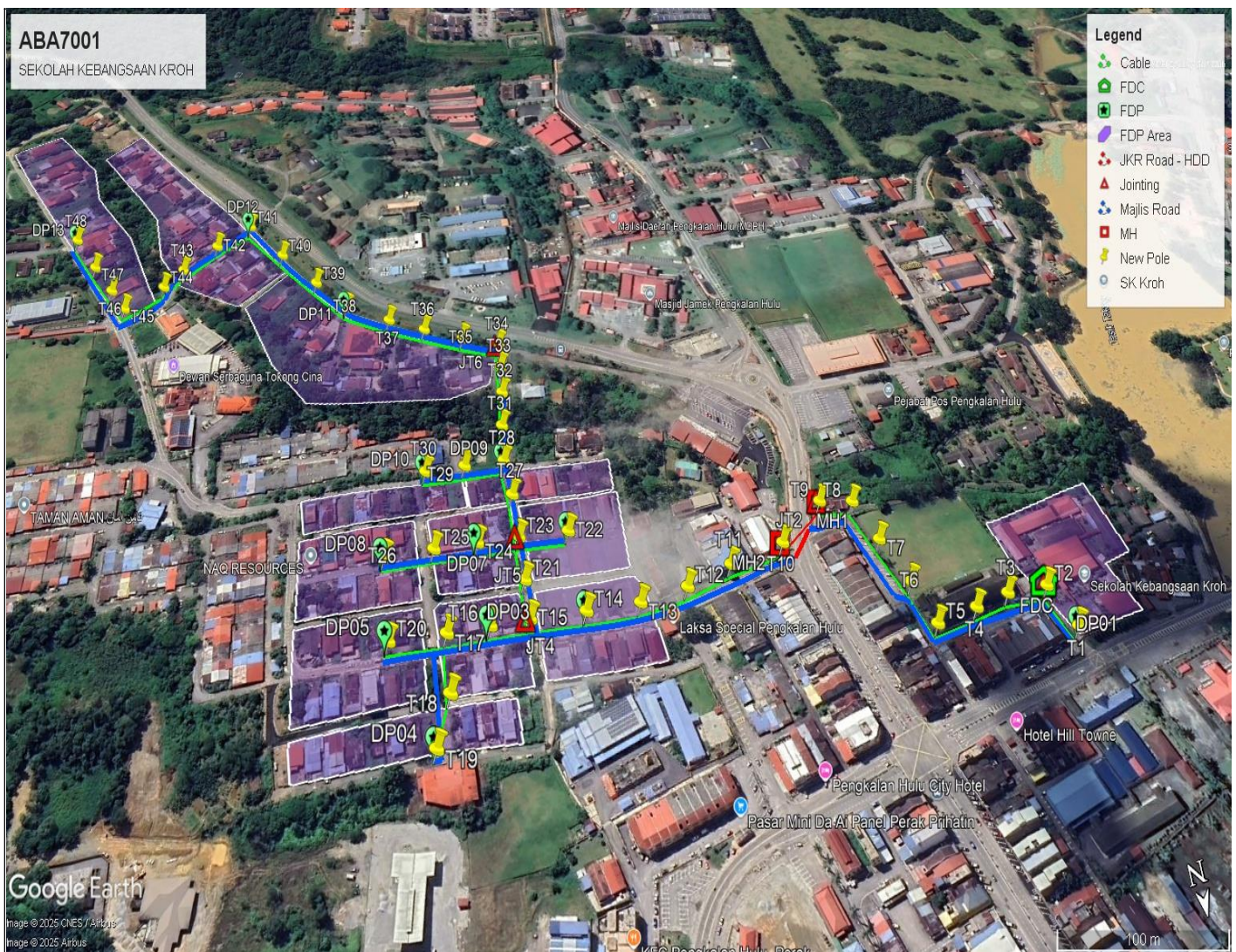


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WABTECH SDN BHD
(1398887-X)

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	33	5.705478	100.998362	Majlis Daerah Pengkalan Hulu
2	T001	33	5.705768	100.998322	Majlis Daerah Pengkalan Hulu
3	T002	33	5.705478	100.998362	Majlis Daerah Pengkalan Hulu
4	T003	31	5.705475	100.998648	Majlis Daerah Pengkalan Hulu
5	T004	28	5.705519	100.998900	Majlis Daerah Pengkalan Hulu
6	T005	31	5.705543	100.999180	Majlis Daerah Pengkalan Hulu
7	T006	31	5.705265	100.999223	Majlis Daerah Pengkalan Hulu
8	T007	35	5.704950	100.999291	Majlis Daerah Pengkalan Hulu
9	T008	34	5.704655	100.999348	Majlis Daerah Pengkalan Hulu
10	T009	25	5.704584	100.999551	Majlis Daerah Pengkalan Hulu
11	T010	43	5.704791	100.999902	Majlis Daerah Pengkalan Hulu
12	T011	36	5.704846	101.000284	Majlis Daerah Pengkalan Hulu
13	T012	35	5.704923	101.000603	Majlis Daerah Pengkalan Hulu
14	T013	36	5.704945	101.000918	Majlis Daerah Pengkalan Hulu
15	T014	28	5.704927	101.001262	Majlis Daerah Pengkalan Hulu
16	T015	39	5.704909	101.001611	Majlis Daerah Pengkalan Hulu
17	T016	27	5.704895	101.001852	Majlis Daerah Pengkalan Hulu
18	T017	28	5.704880	101.002112	Majlis Daerah Pengkalan Hulu
19	T018	39	5.705239	101.002149	Majlis Daerah Pengkalan Hulu
20	T019	33	5.705509	101.002272	Majlis Daerah Pengkalan Hulu
21	T020	38	5.704853	101.002455	Majlis Daerah Pengkalan Hulu
22	T021	28	5.704654	101.001588	Majlis Daerah Pengkalan Hulu
23	T022	36	5.704375	101.001239	Majlis Daerah Pengkalan Hulu
24	T023	33	5.704358	101.001562	Majlis Daerah Pengkalan Hulu
25	T024	29	5.704335	101.001825	Majlis Daerah Pengkalan Hulu
26	T025	31	5.704316	101.002103	Majlis Daerah Pengkalan Hulu
27	T026	32	5.704305	101.002412	Majlis Daerah Pengkalan Hulu
28	T027	35	5.704039	101.001539	Majlis Daerah Pengkalan Hulu
29	T028	30	5.703757	101.001539	Majlis Daerah Pengkalan Hulu
30	T029	29	5.703732	101.001806	Majlis Daerah Pengkalan Hulu
31	T030	29	5.703717	101.002070	Majlis Daerah Pengkalan Hulu
32	T031	33	5.703462	101.001493	Majlis Daerah Pengkalan Hulu
33	T032	31	5.703182	101.001436	Majlis Daerah Pengkalan Hulu
34	T033	25	5.702953	101.001402	Majlis Daerah Pengkalan Hulu
35	T034	24	5.702739	101.001374	Majlis Daerah Pengkalan Hulu
36	T035	31	5.702599	101.001625	Majlis Daerah Pengkalan Hulu
37	T036	34	5.702440	101.001892	Majlis Daerah Pengkalan Hulu
38	T037	32	5.702277	101.002140	Majlis Daerah Pengkalan Hulu



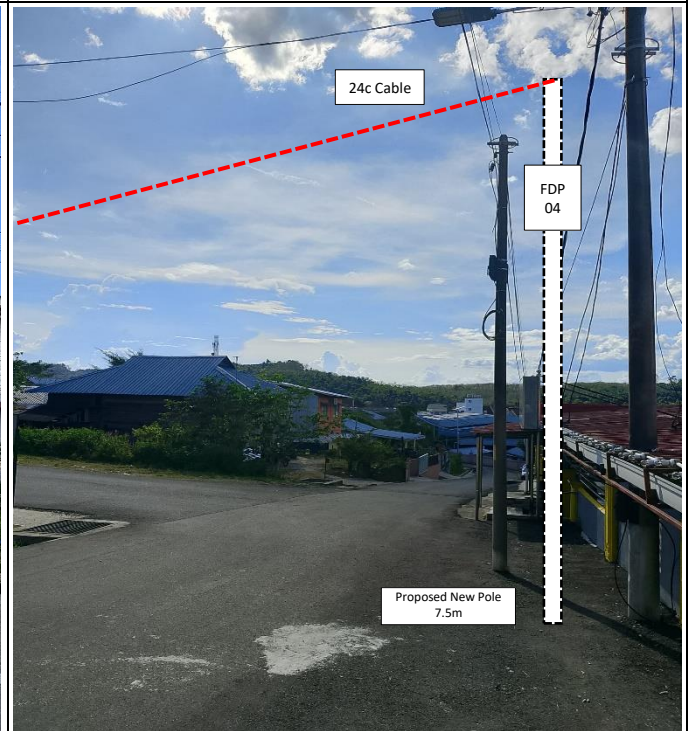
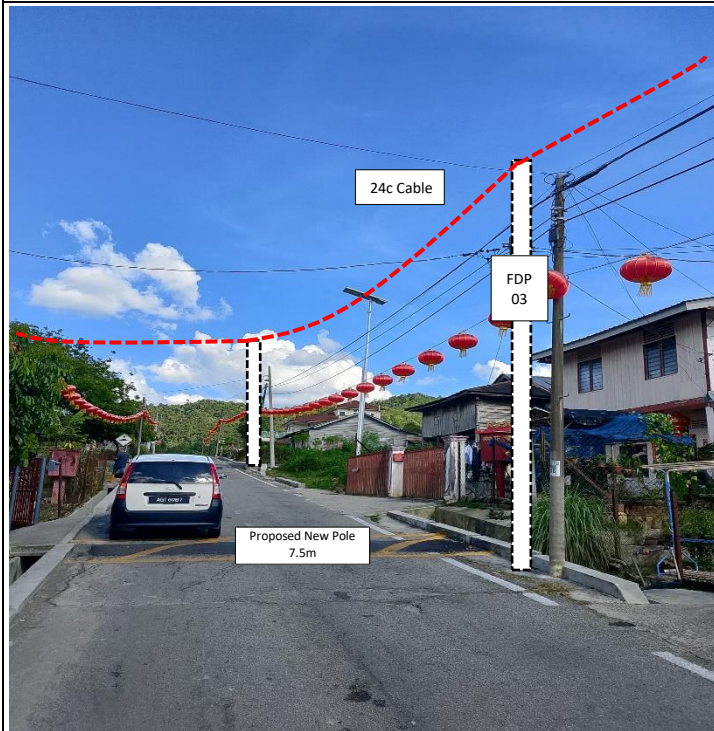
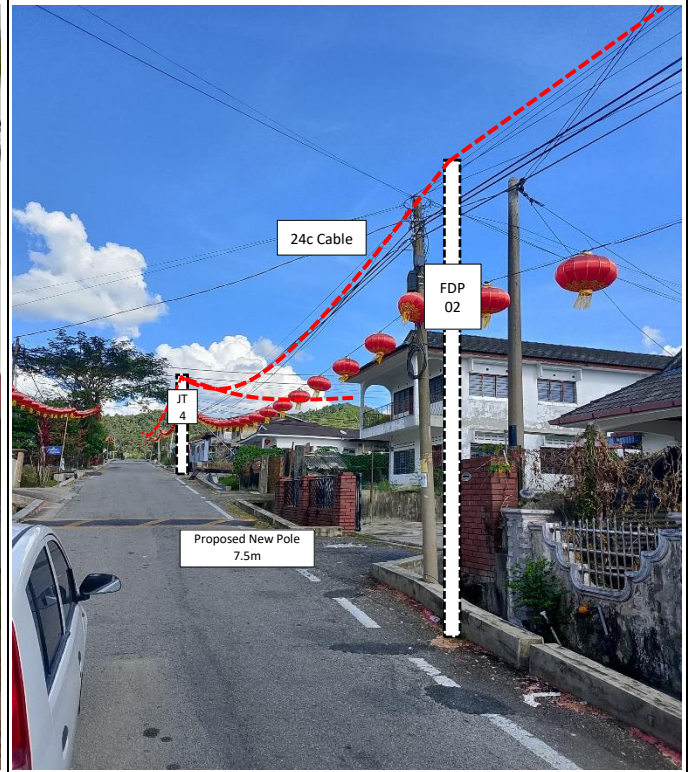
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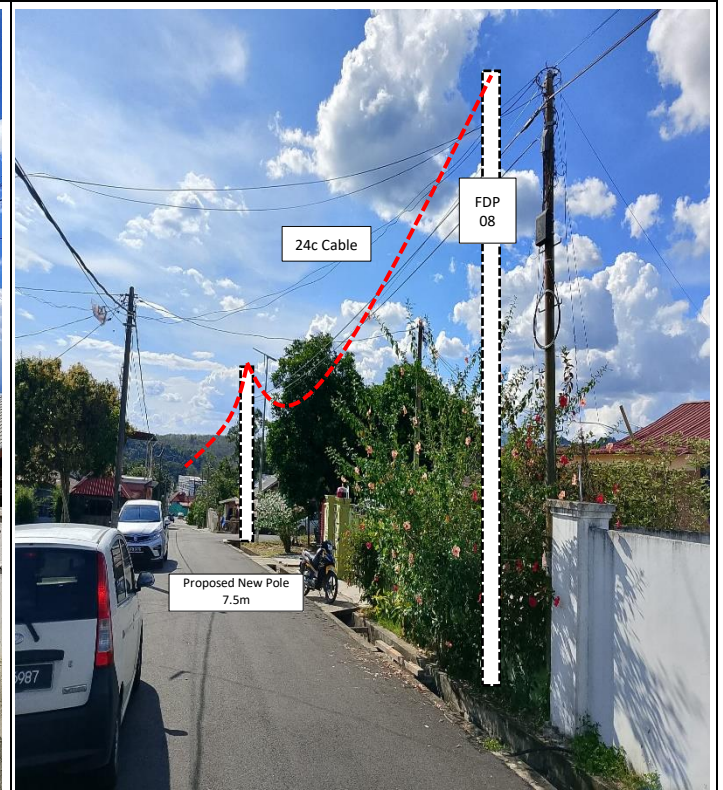
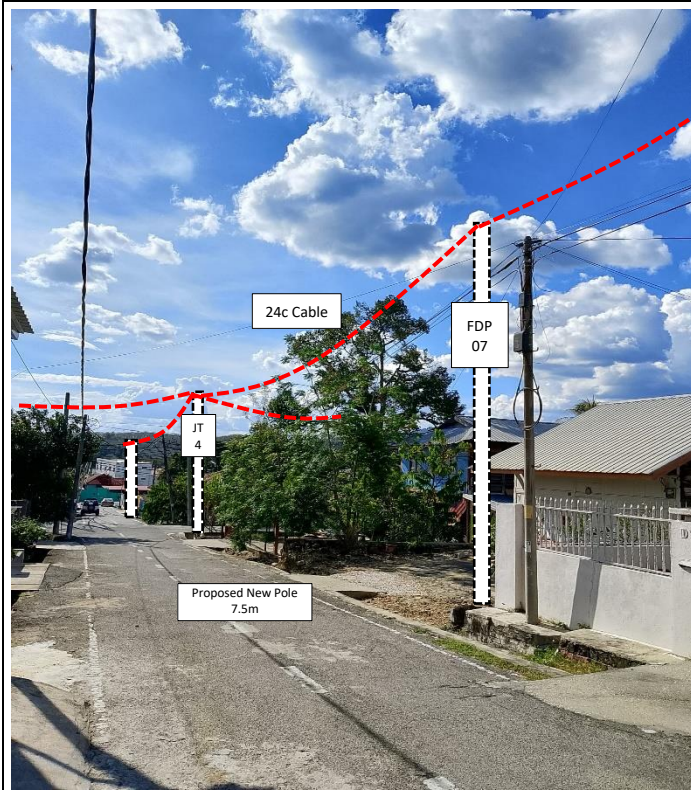
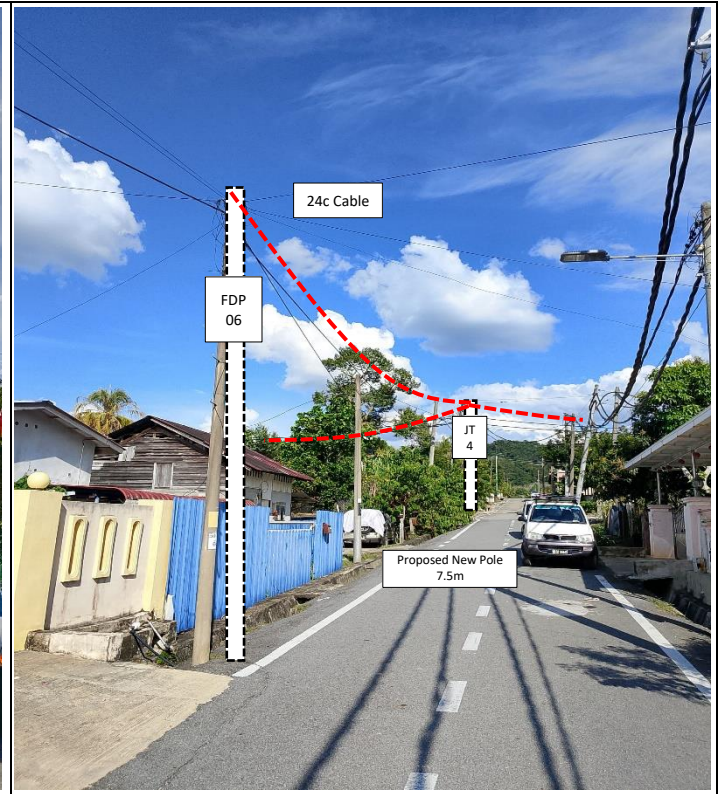
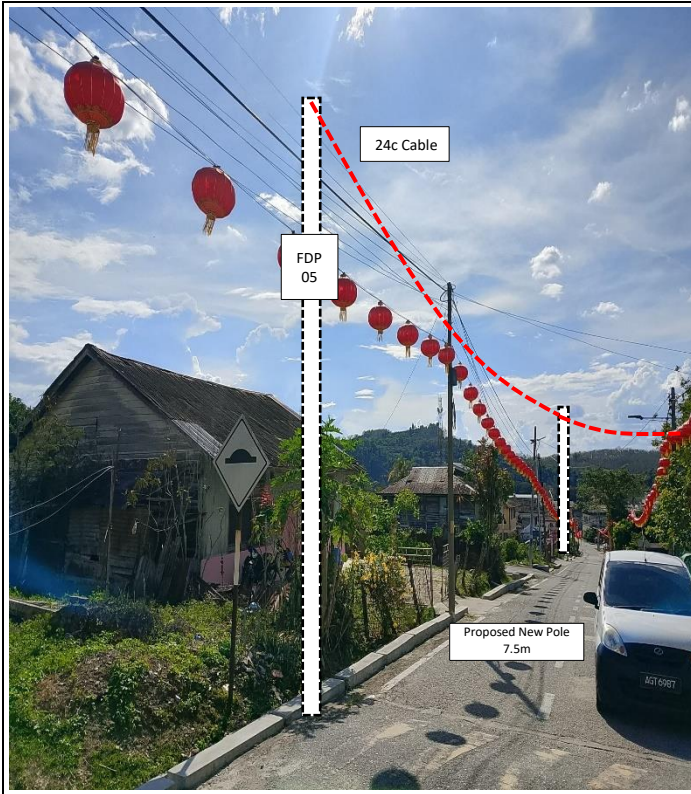


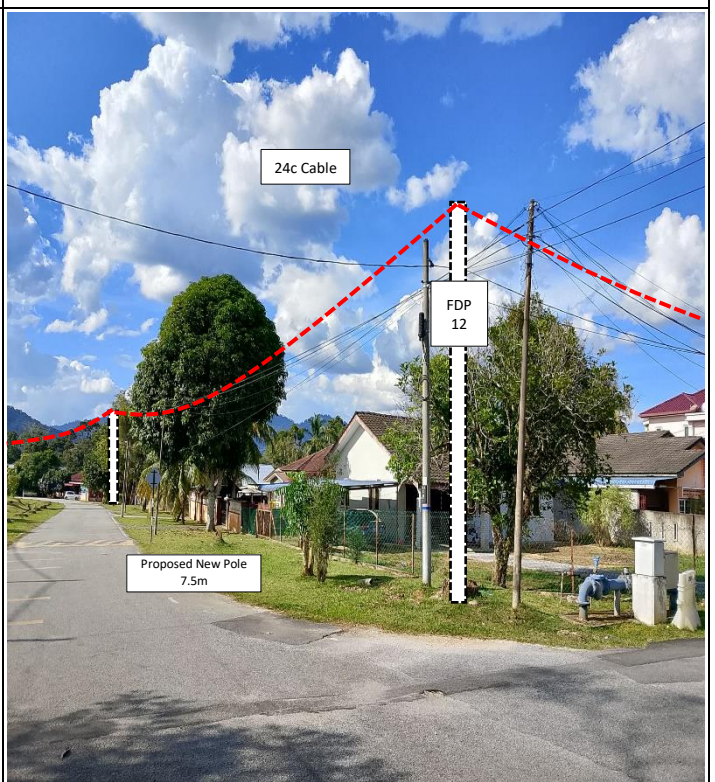
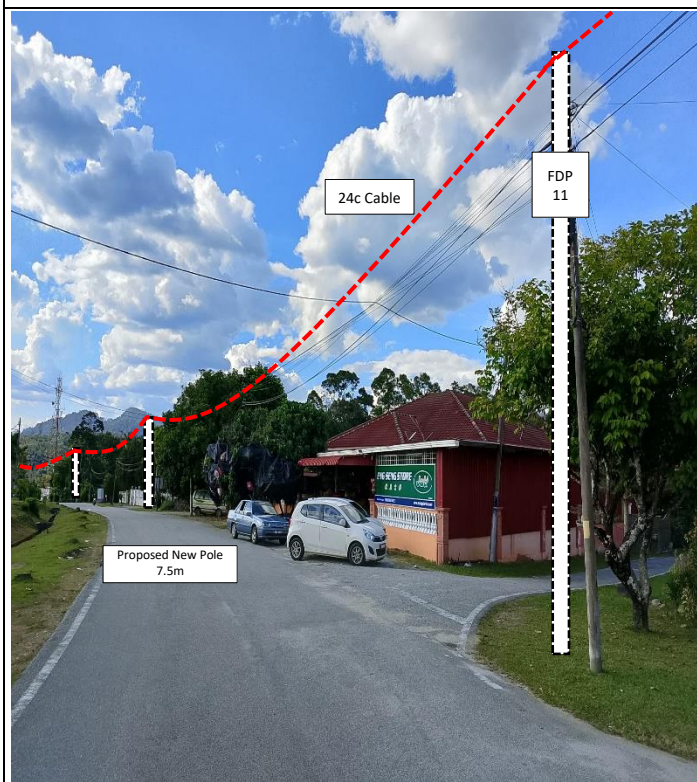
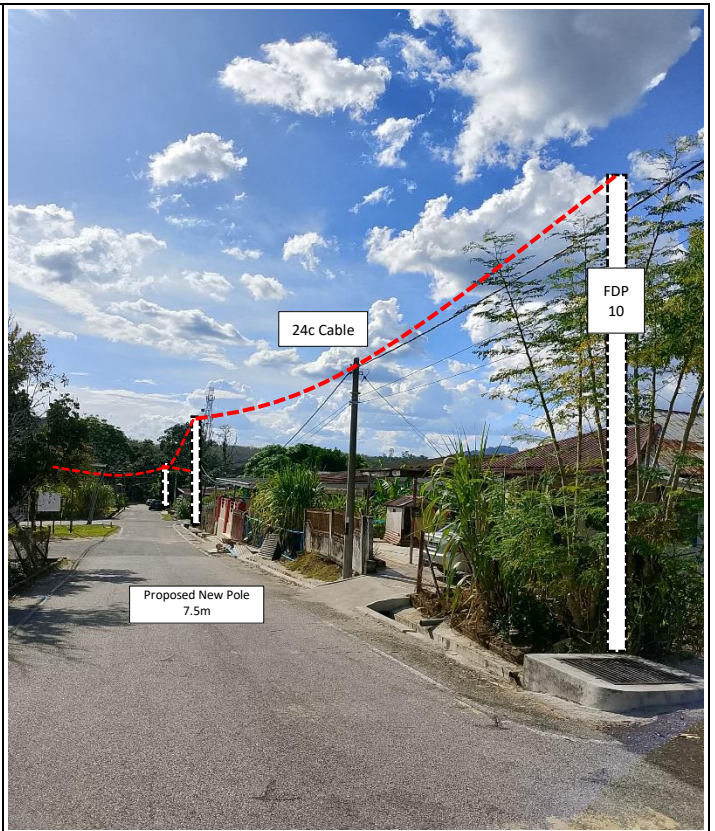
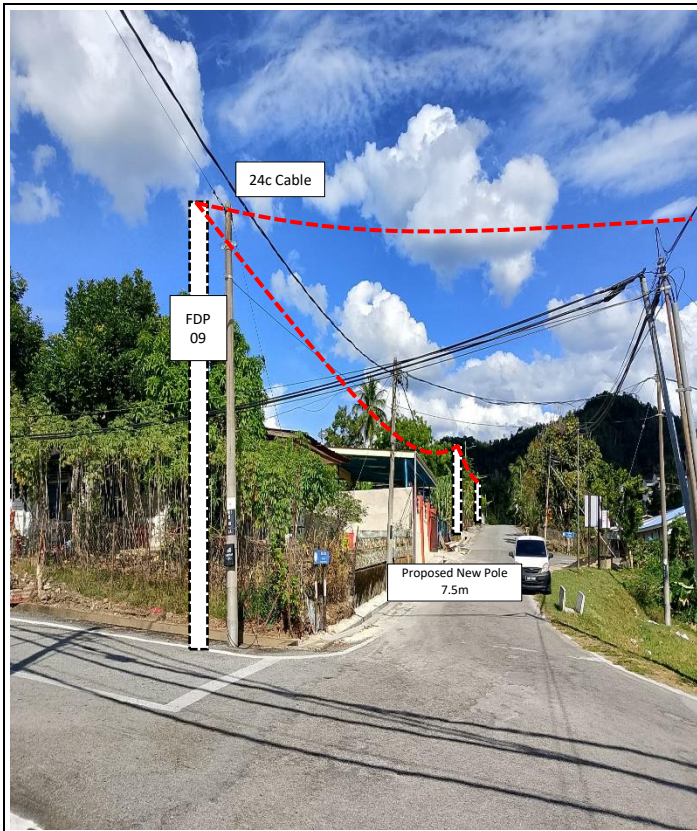
WABTECH SDN BHD
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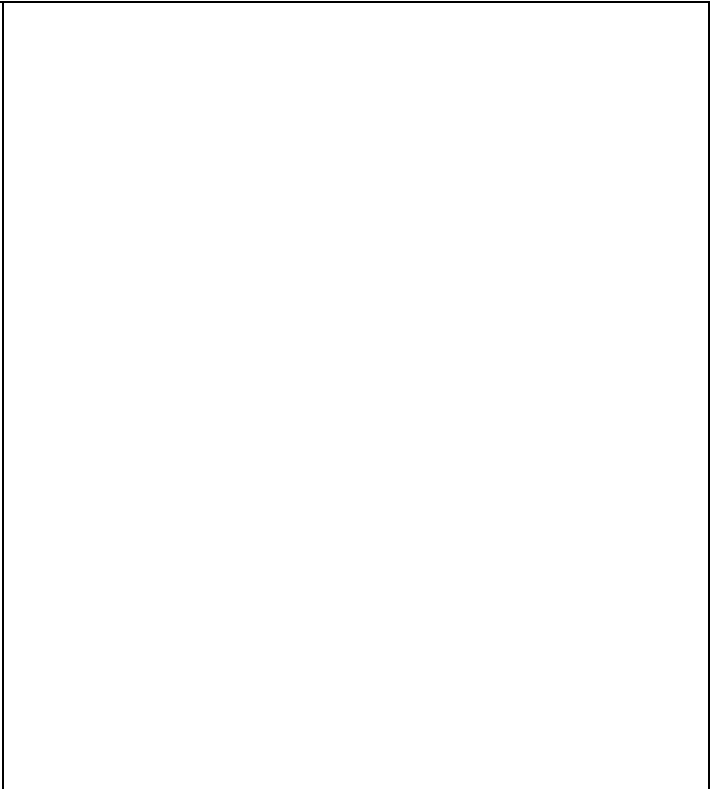
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40	T039	40	5.701766	101.002648	Majlis Daerah Pengkalan Hulu
41	T040	43	5.701397	101.002890	Majlis Daerah Pengkalan Hulu
42	T041	48	5.701052	101.003120	Majlis Daerah Pengkalan Hulu
43	T042	35	5.701206	101.003389	Majlis Daerah Pengkalan Hulu
44	T043	37	5.701407	101.003651	Majlis Daerah Pengkalan Hulu
45	T044	23	5.701555	101.003798	Majlis Daerah Pengkalan Hulu
46	T045	36	5.701728	101.004079	Majlis Daerah Pengkalan Hulu
47	T046	26	5.701511	101.004183	Majlis Daerah Pengkalan Hulu
48	T047	37	5.701209	101.004324	Majlis Daerah Pengkalan Hulu
49	T048	43	5.700859	101.004482	Majlis Daerah Pengkalan Hulu
50	MH1	44	5.704585	100.999553	Majlis Daerah Pengkalan Hulu
51	MH1	44	5.704792	100.999901	Majlis Daerah Pengkalan Hulu

5.0 SITE PHOTOS - PROPOSED NEW POLE











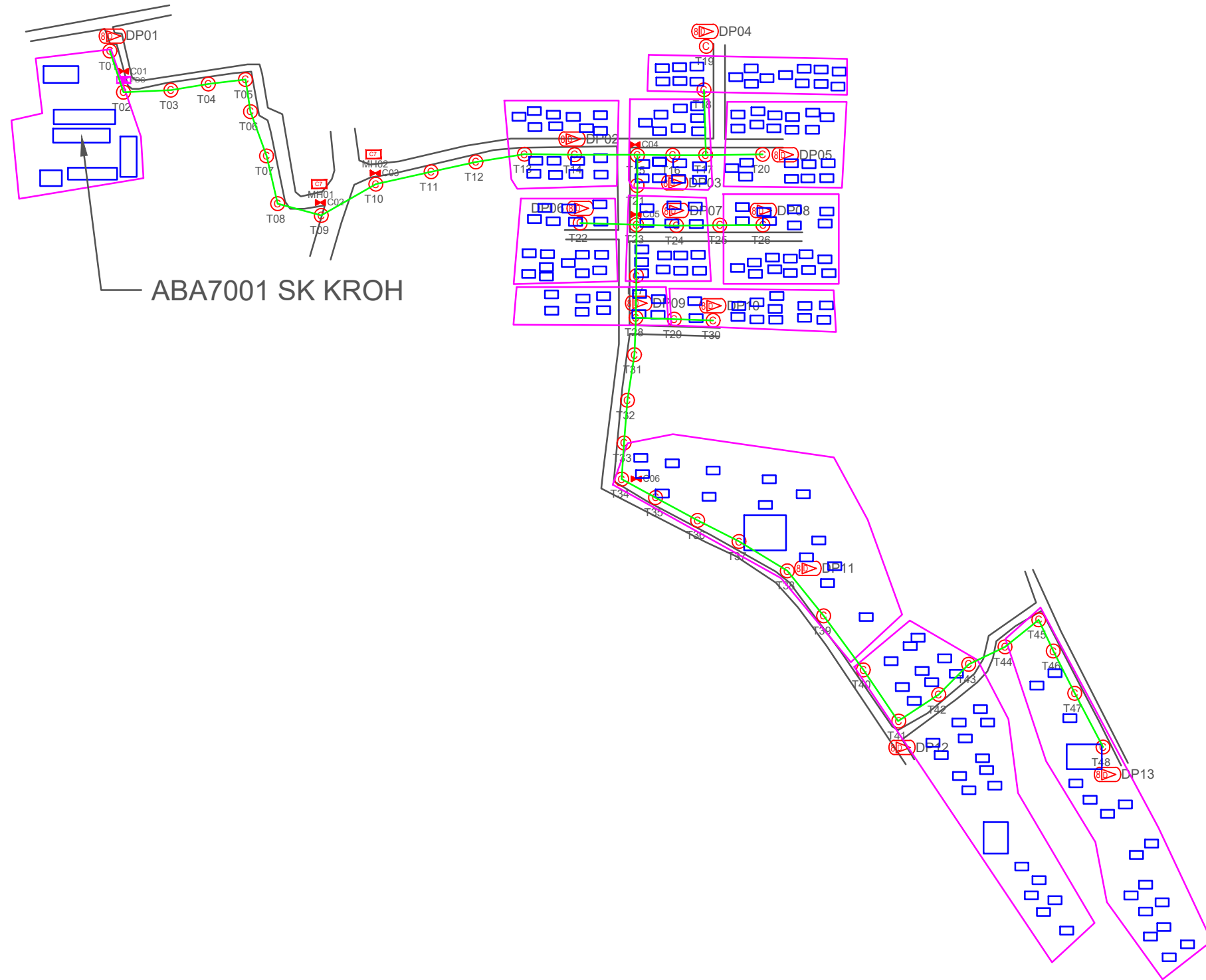
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WABTECH SDN BHD
(1398287-X)

6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Pengkalan Hulu	1602
2	JKR Daerah Pengkalan Hulu	-



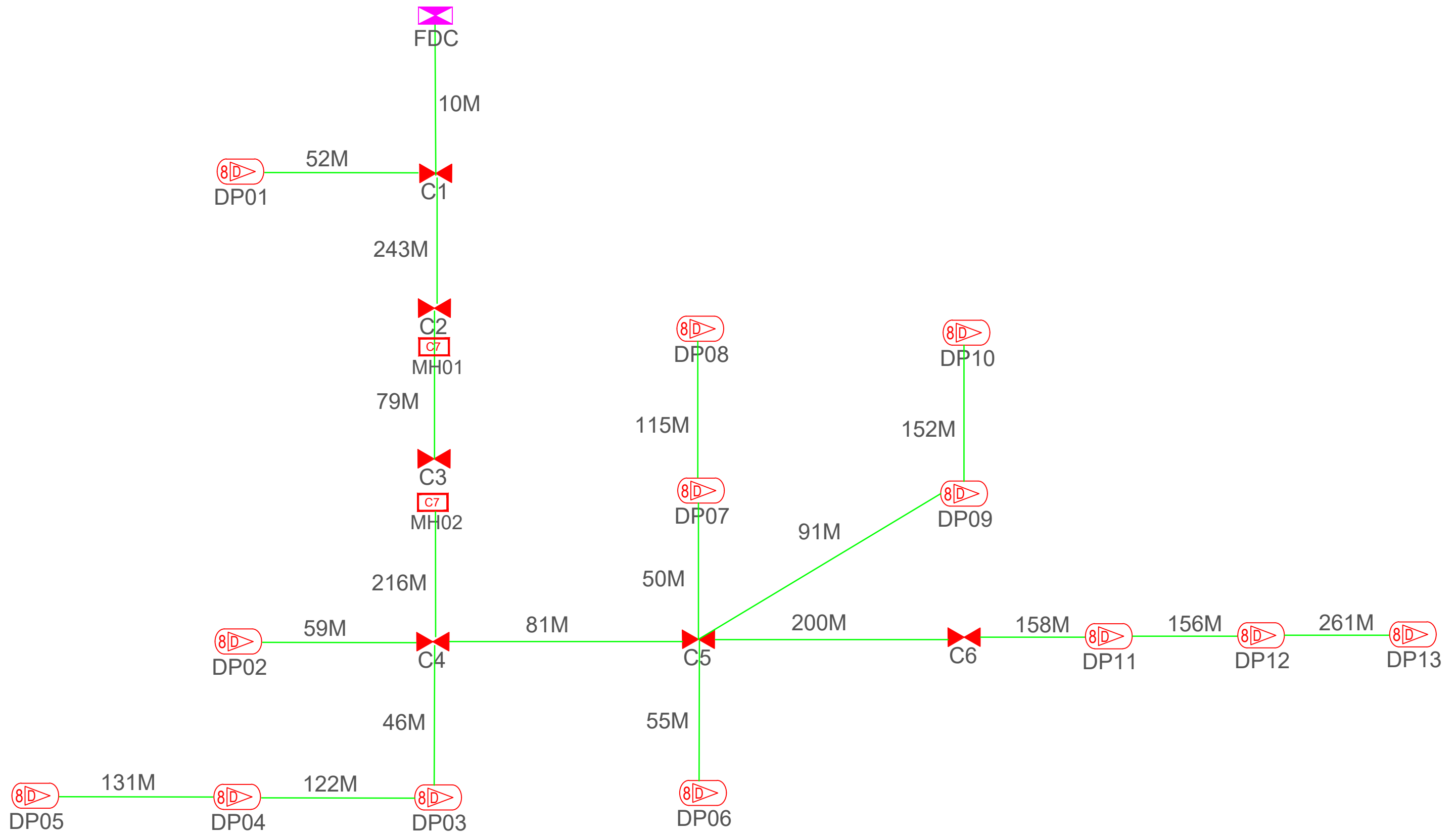
ABA7001 SK KROH

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

KEY PLAN : 	PROJECT OWNER : KEMENTERIAN KOMUNIKASI	MAIN CONTRACTOR APEX COMMUNICATIONS SDN BHD 187475-W PRIVASAT	SUB-CONTRACTOR : WABTECH SDN BHD 11998387-X	PROJECT TITLE: CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION, AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 PROJECT D-SIDE - ABA7001 - SK KROH	DRAWING TITLE: ABA7001 SK KROH PROJECT PHASE: PROJECT PHASE	Design By ENGINEER Date DATE
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TOTAL FOC DISTANCE: 2,277 METERS

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 APEX COMMUNICATIONS SDN BHD 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 - ABA7001 - SK KROH	DRAWING TITLE: ABA7001 SK KROH	Design By ENGINEER	Date DATE
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