

## TECHNICAL PROPOSAL

### POP2 ABA7021 SEKOLAH KEBANGSAAN SERI TAWAI (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



**Point A**



**Point B**

**Starting Point**

Site / Boundary Name : Sekolah Kebangsaan Seri Tawai  
 Address : Jalan Sekolah, Kampung Tawai, Jalan Gerik - Lenggong  
 District : Gerik  
 Postcode : 33300  
 State : Perak  
 GPS Coordinate : 5.389159, 101.076966  
 LRD : A

**End Point**

Site / Boundary Name : Jalan Ixora 1, Taman Ixora  
 Address : Jalan Ixora 1, Taman Ixora, Kampung Air Panas, 33300 Gerik, Perak  
 District : Gerik  
 Postcode : 33300  
 State : Perak  
 GPS Coordinate : 5.392015, 101.098425  
 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	45
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	4465
2	Install New Pole	ea	111
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



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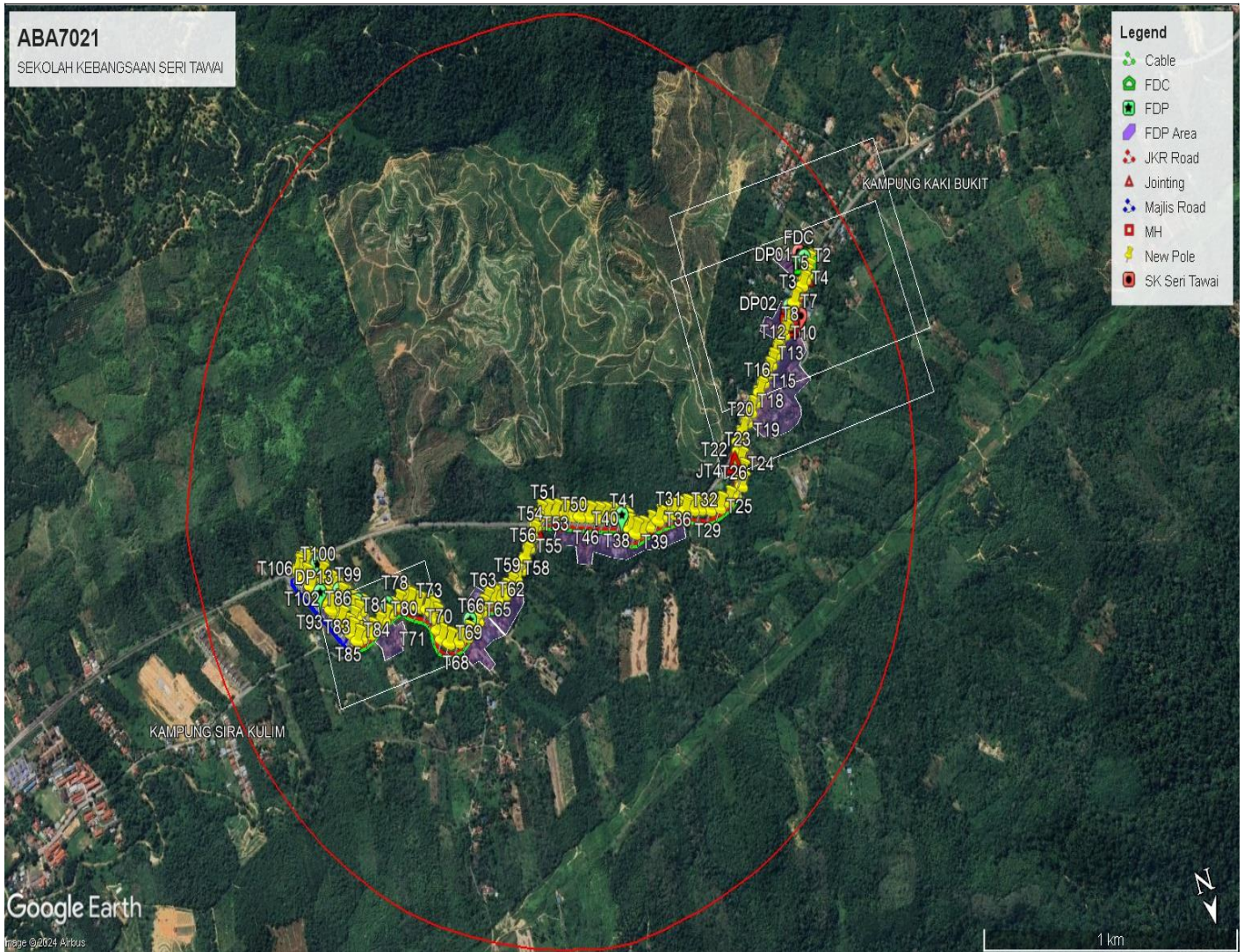
## 2.0 LOCAL AUTHORITY SUMMARY

Daerah Gerik

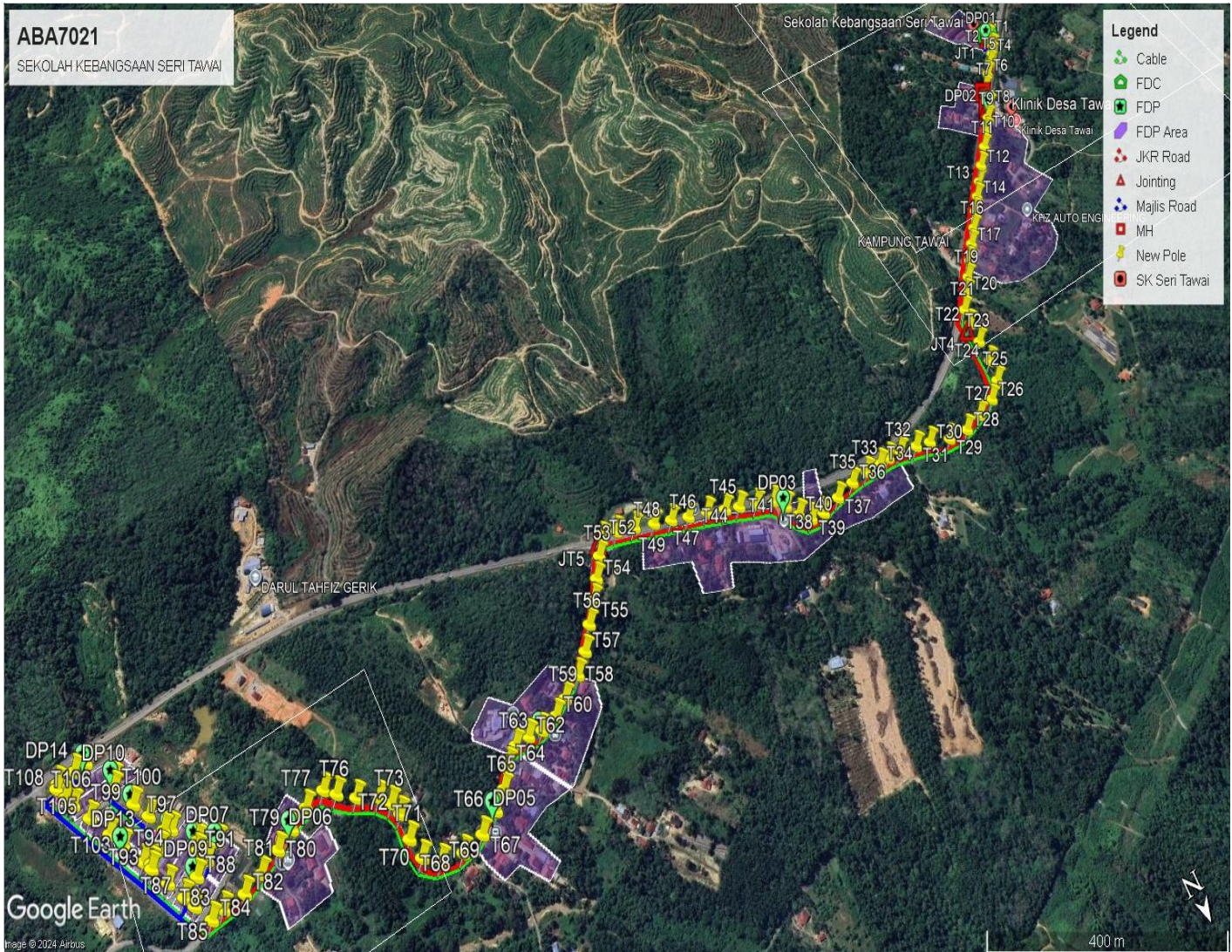
NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	1	45
		Majlis	-	-
		PDT	-	-
2	New Pole	JKR	82	2904
		Majlis	29	681
		PDT	-	-
<b>Total Distance (m)</b>				<b>3630</b>

### 3.0 SITE PLAN (KMZ)

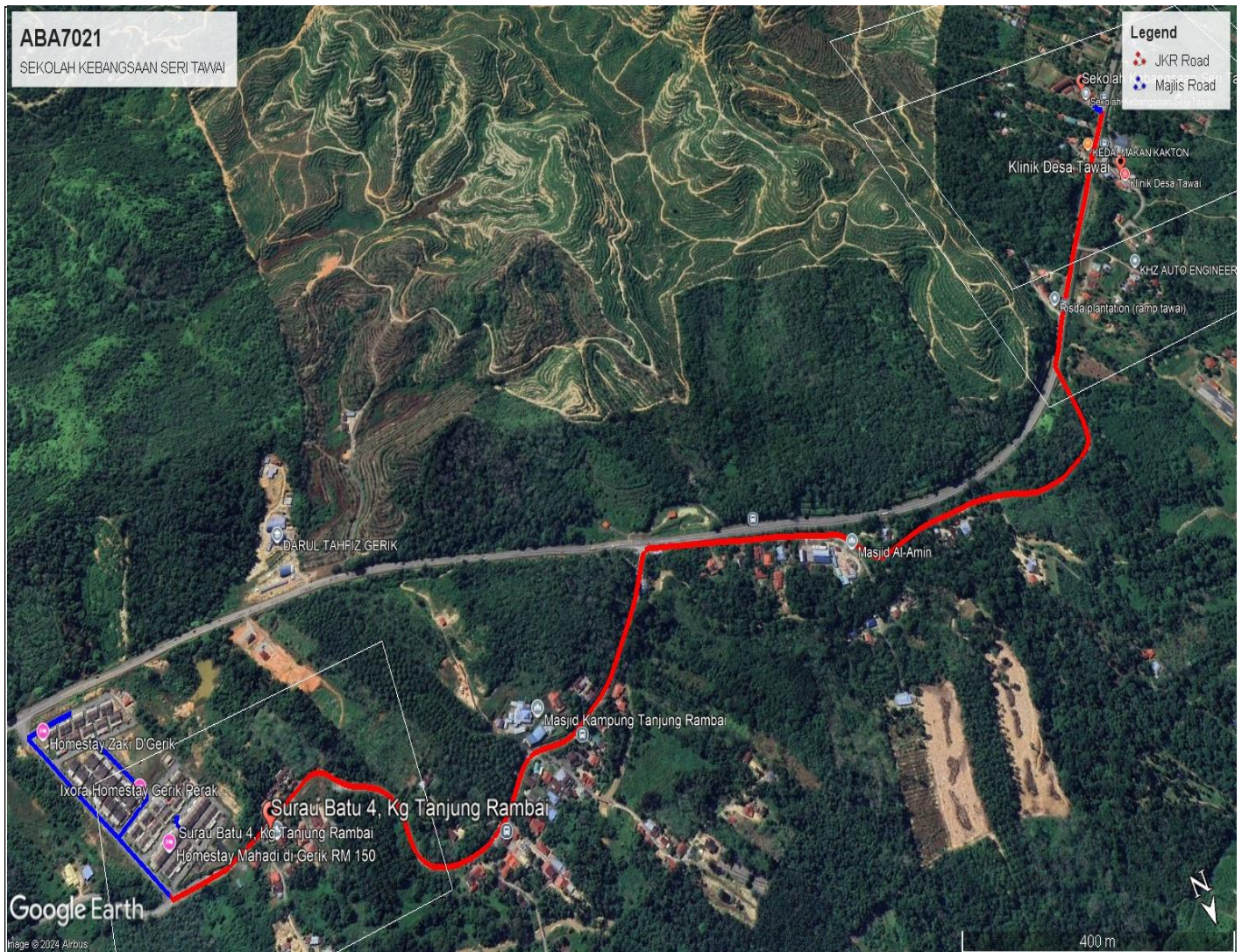
#### 3.1 Overview Site Area



### 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	8	5.389129	101.076904	Majlis Daerah Gerik
2	T001	8	5.389129	101.076904	Majlis Daerah Gerik
3	T002	8	5.389159	101.076966	Majlis Daerah Gerik
4	T003	27	5.389391	101.077045	JKR
5	T004	23	5.389533	101.077193	JKR
6	T005	26	5.389689	101.077368	JKR
7	T006	34	5.389881	101.077611	JKR
8	T007	39	5.390110	101.077876	JKR
9	T008	46	5.390480	101.078072	JKR
10	T009	36	5.390700	101.078315	JKR
11	T010	42	5.390958	101.078594	JKR
12	T011	41	5.391208	101.078874	JKR
13	T012	40	5.391450	101.079140	JKR
14	T013	36	5.391681	101.079376	JKR
15	T014	35	5.391899	101.079608	JKR
16	T015	36	5.392128	101.079849	JKR
17	T016	37	5.392379	101.080104	JKR
18	T017	40	5.392611	101.080361	JKR
19	T018	40	5.392859	101.080618	JKR
20	T019	40	5.393110	101.080883	JKR
21	T020	41	5.393364	101.081145	JKR
22	T021	30	5.393606	101.081423	JKR
23	T022	39	5.393866	101.081501	JKR
24	T023	43	5.394216	101.081561	JKR
25	T024	40	5.394596	101.081626	JKR
26	T025	41	5.394937	101.081730	JKR
27	T026	43	5.395141	101.082035	JKR
28	T027	41	5.395238	101.082406	JKR
29	T028	41	5.395308	101.082770	JKR
30	T029	43	5.395262	101.083143	JKR
31	T030	31	5.395120	101.083501	JKR
32	T031	37	5.395048	101.083770	JKR
33	T032	27	5.394970	101.084090	JKR
34	T033	21	5.394944	101.084339	JKR
35	T034	33	5.394942	101.084531	JKR
36	T035	38	5.394931	101.084828	JKR
37	T036	43	5.394946	101.085173	JKR
38	T037	43	5.395012	101.085548	JKR

39	T038	26	5.395078	101.085914	JKR
40	T039	26	5.395039	101.086154	JKR
41	T040	30	5.394865	101.086309	JKR
42	T041	31	5.394628	101.086427	JKR
43	T042	26	5.394437	101.086561	JKR
44	T043	36	5.394323	101.086864	JKR
45	T044	37	5.394214	101.087170	JKR
46	T045	30	5.394127	101.087422	JKR
47	T046	37	5.394003	101.087727	JKR
48	T047	38	5.393885	101.088049	JKR
49	T048	35	5.393768	101.088343	JKR
50	T049	35	5.393656	101.088638	JKR
51	T050	40	5.393526	101.088970	JKR
52	T051	38	5.393417	101.089282	JKR
53	T052	30	5.393377	101.089561	JKR
54	T053	32	5.393600	101.089747	JKR
55	T054	43	5.393897	101.089974	JKR
56	T055	40	5.394178	101.090193	JKR
57	T056	41	5.394446	101.090434	JKR
58	T057	41	5.394722	101.090675	JKR
59	T058	38	5.394945	101.090943	JKR
60	T059	44	5.395124	101.091291	JKR
61	T060	30	5.395245	101.091531	JKR
62	T061	33	5.395298	101.091827	JKR
63	T062	25	5.395261	101.092062	JKR
64	T063	26	5.395271	101.092305	JKR
65	T064	30	5.395444	101.092526	JKR
66	T065	35	5.395687	101.092736	JKR
67	T066	33	5.395865	101.092971	JKR
68	T067	40	5.396017	101.093291	JKR
69	T068	41	5.396068	101.093657	JKR
70	T069	34	5.395995	101.094007	JKR
71	T070	32	5.395798	101.094243	JKR
72	T071	36	5.395486	101.094317	JKR
73	T072	40	5.395123	101.094311	JKR
74	T073	23	5.394925	101.094381	JKR
75	T074	24	5.394758	101.094523	JKR
76	T075	40	5.394582	101.094835	JKR
77	T076	36	5.394386	101.095092	JKR
78	T077	24	5.394240	101.095253	JKR
79	T078	36	5.394298	101.095577	JKR
80	T079	34	5.394426	101.095879	JKR
81	T080	41	5.394545	101.096168	JKR
82	T081	35	5.394696	101.096499	JKR



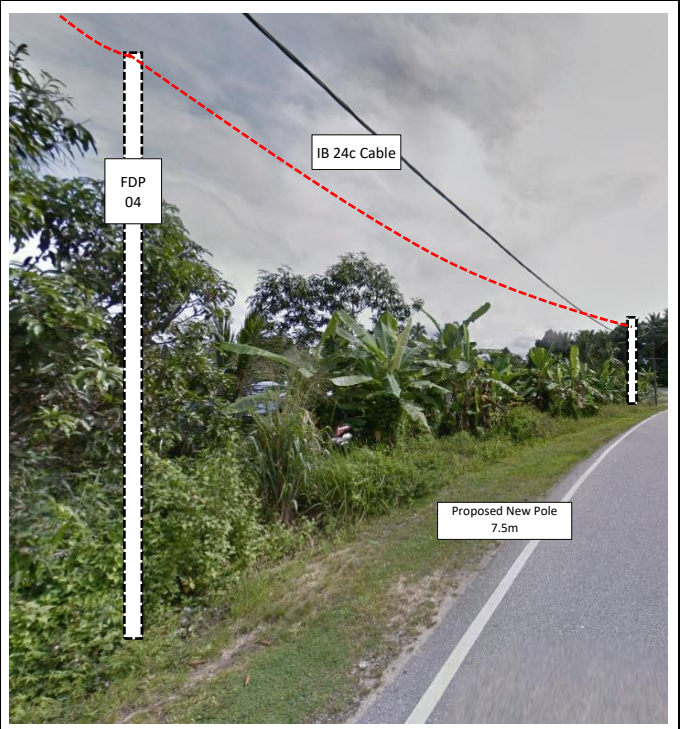
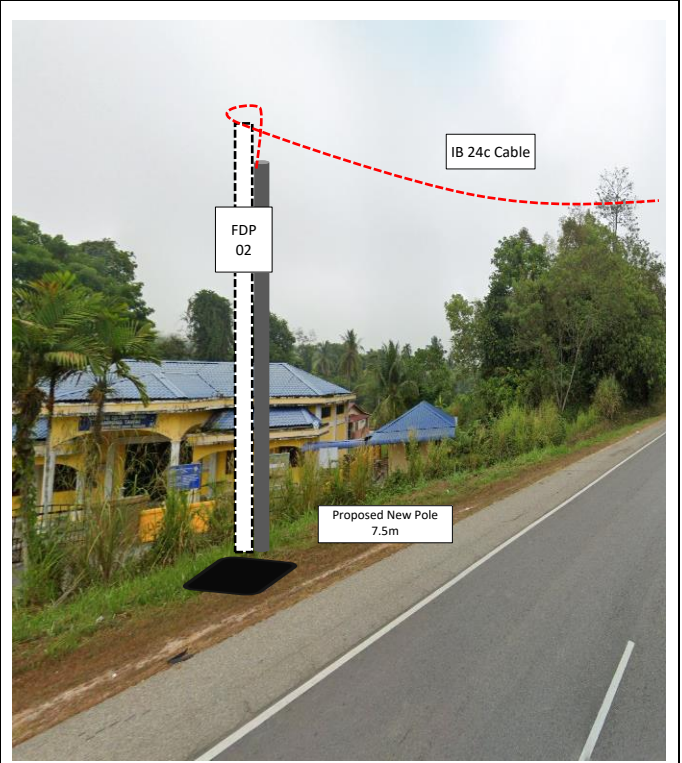
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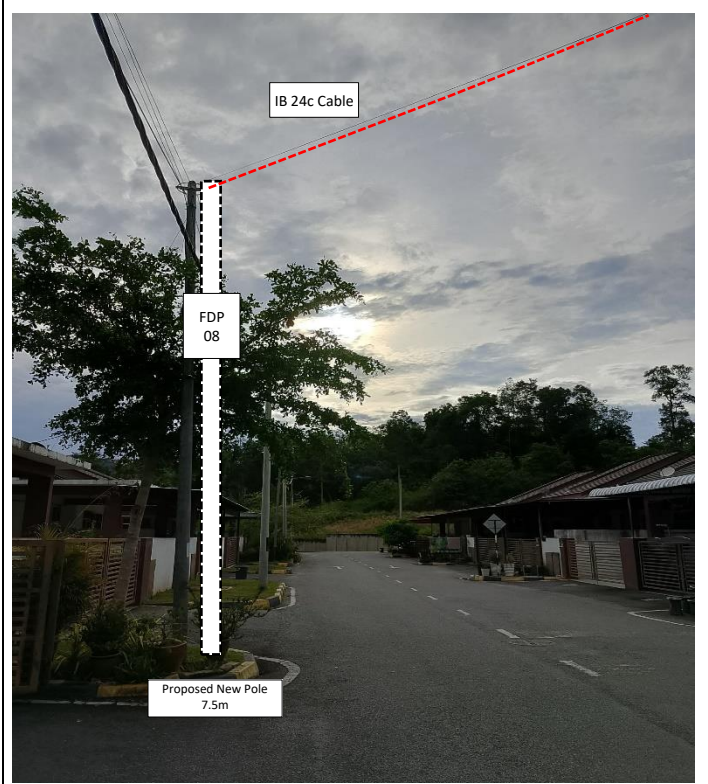
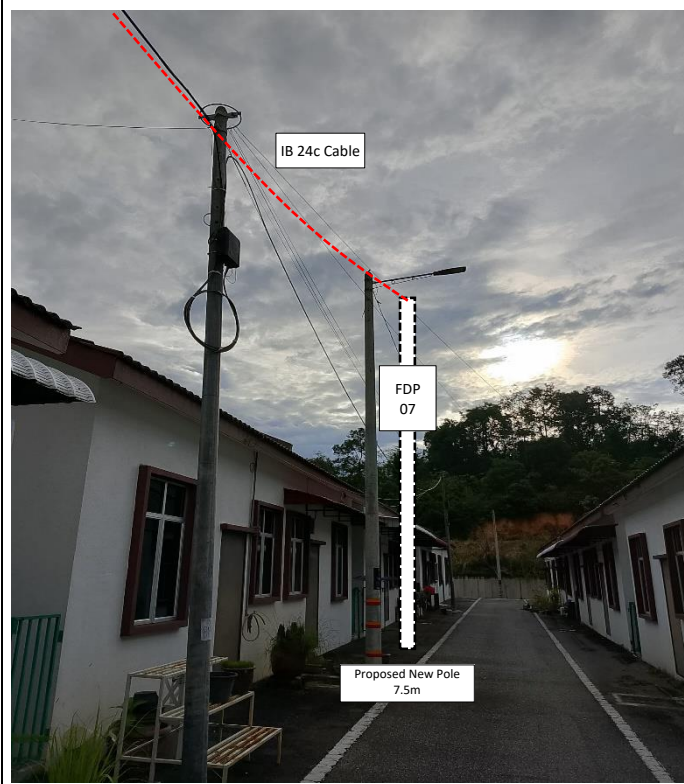
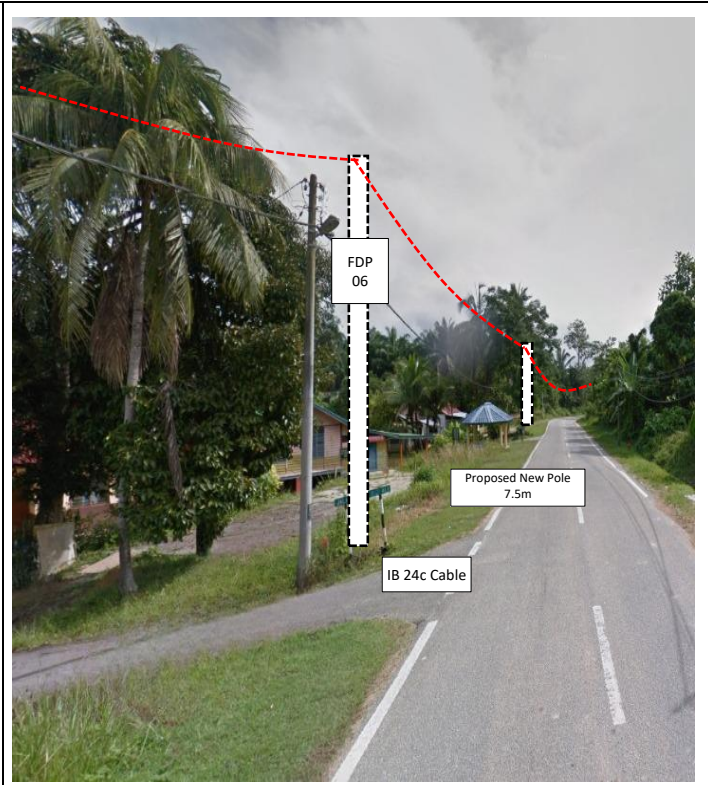


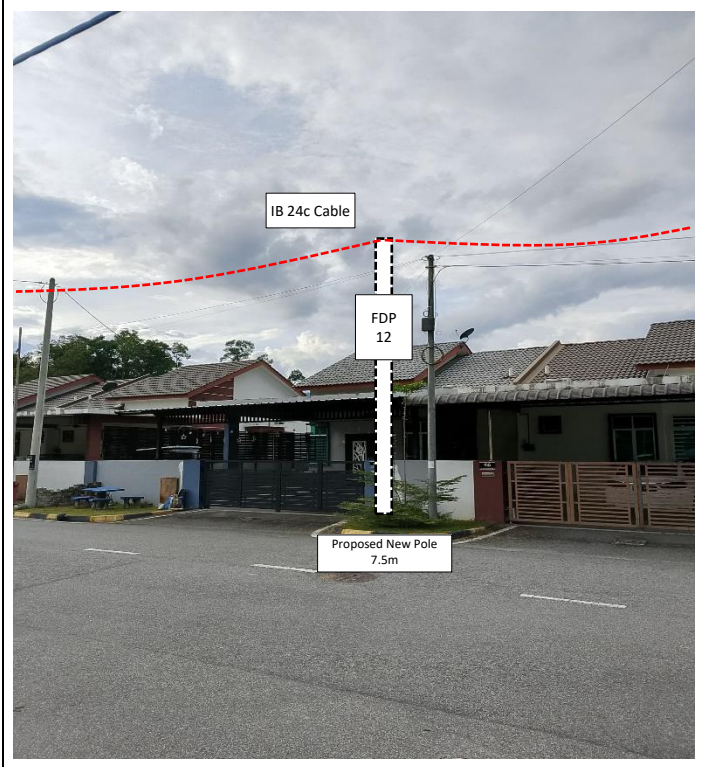
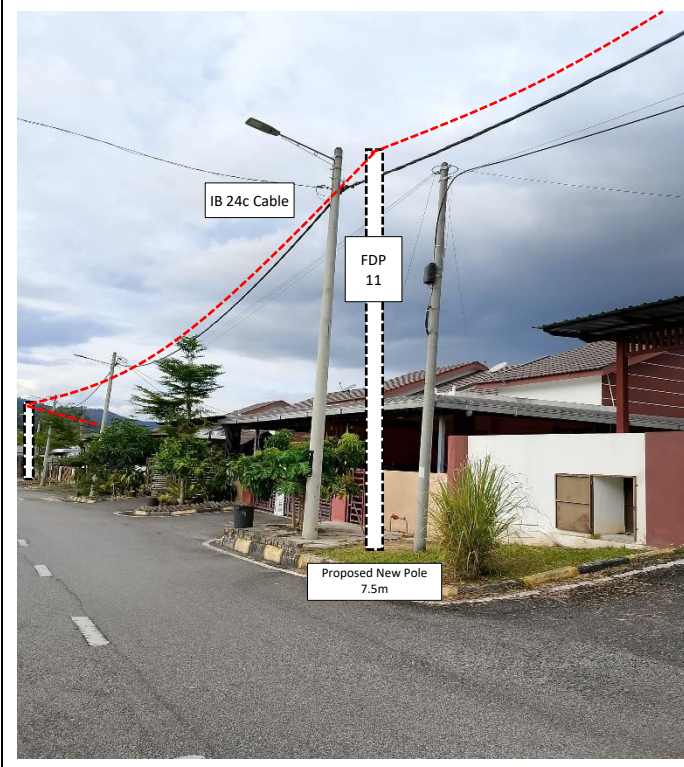
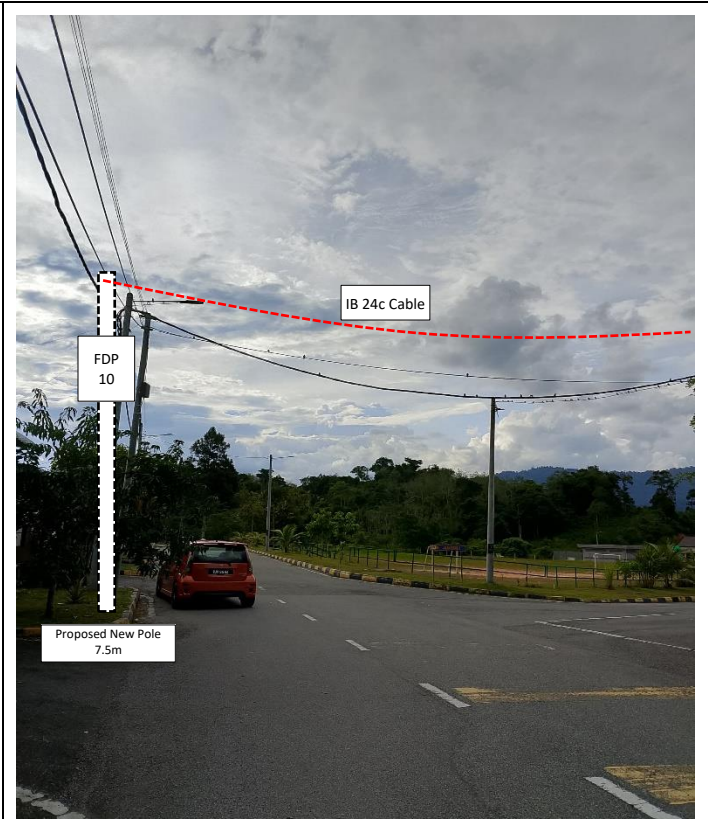
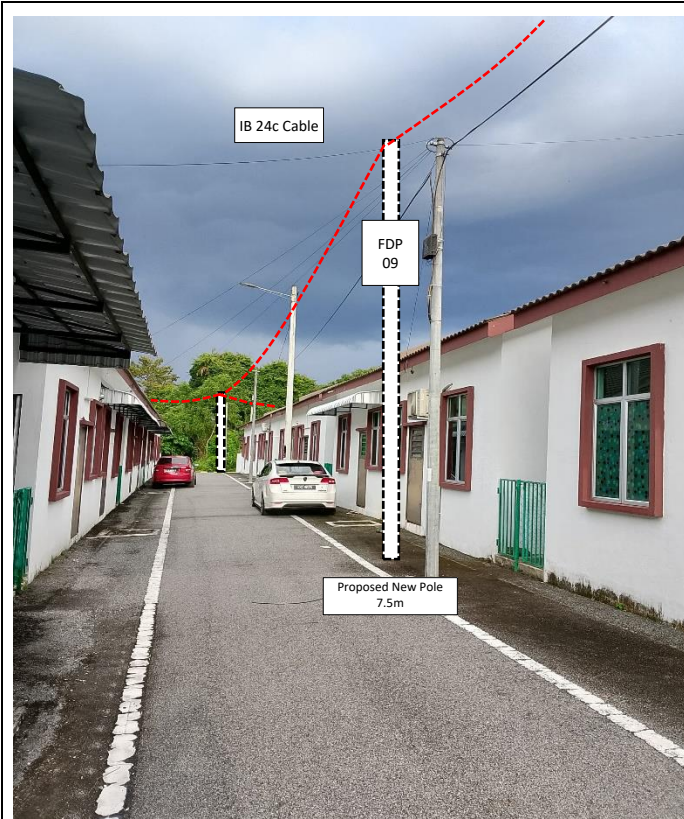
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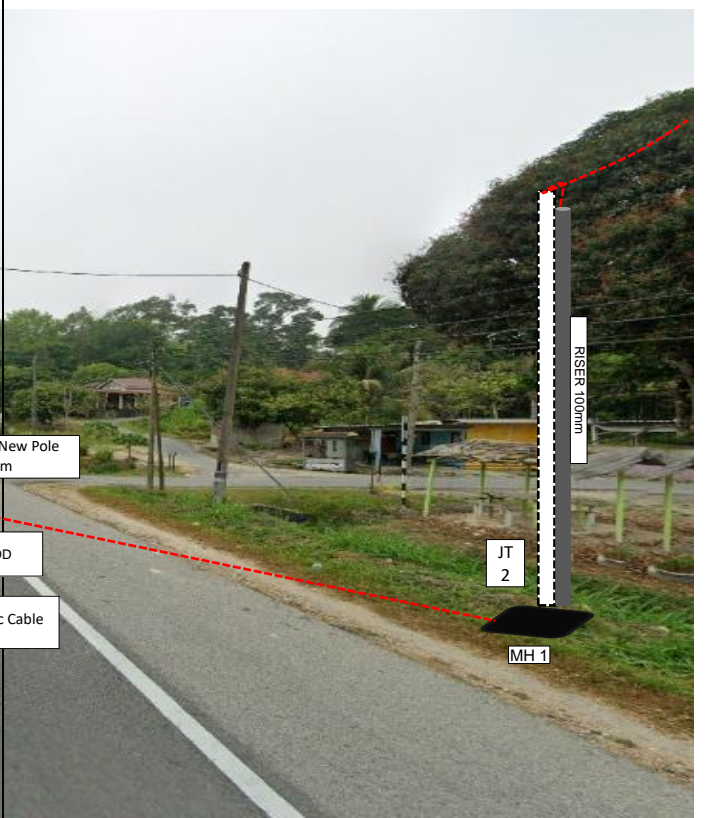
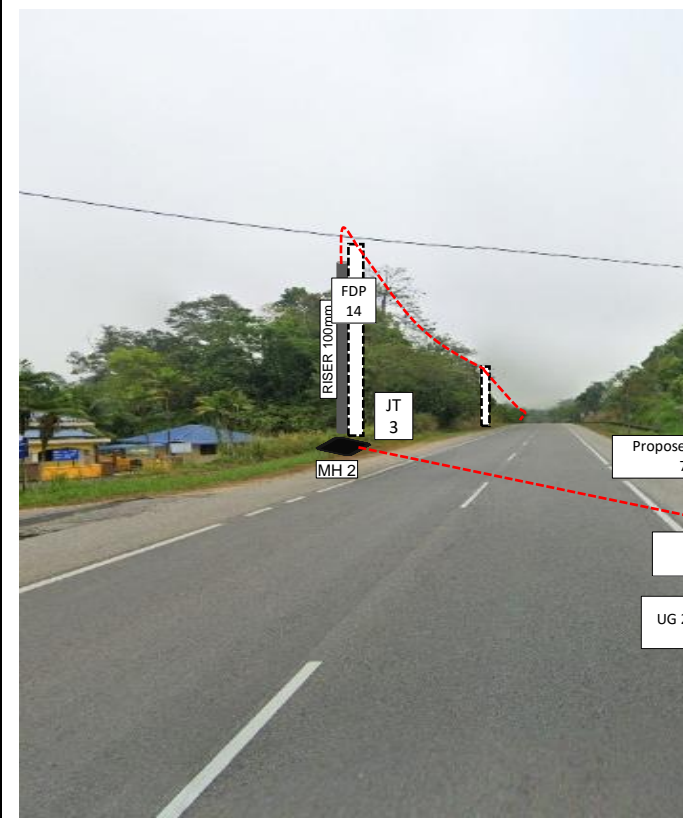
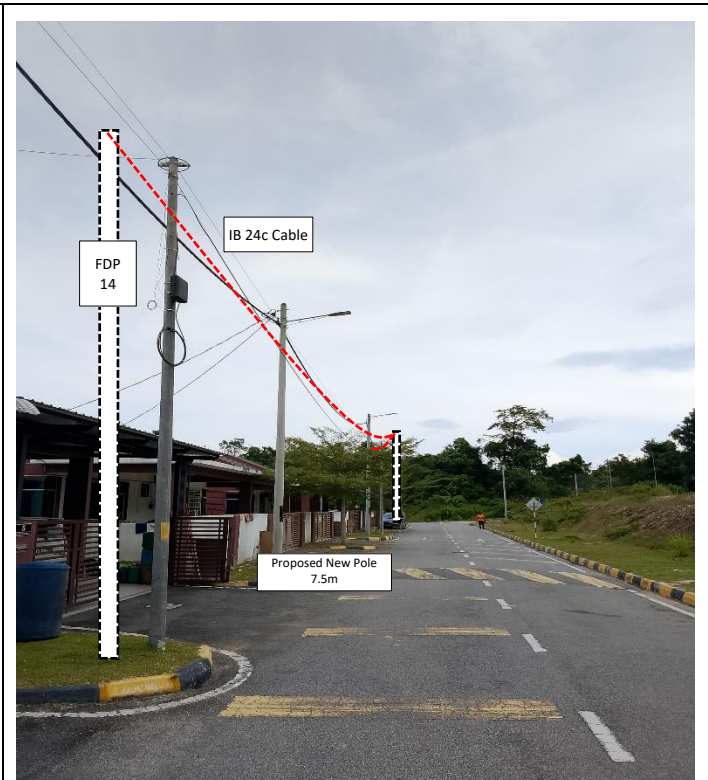
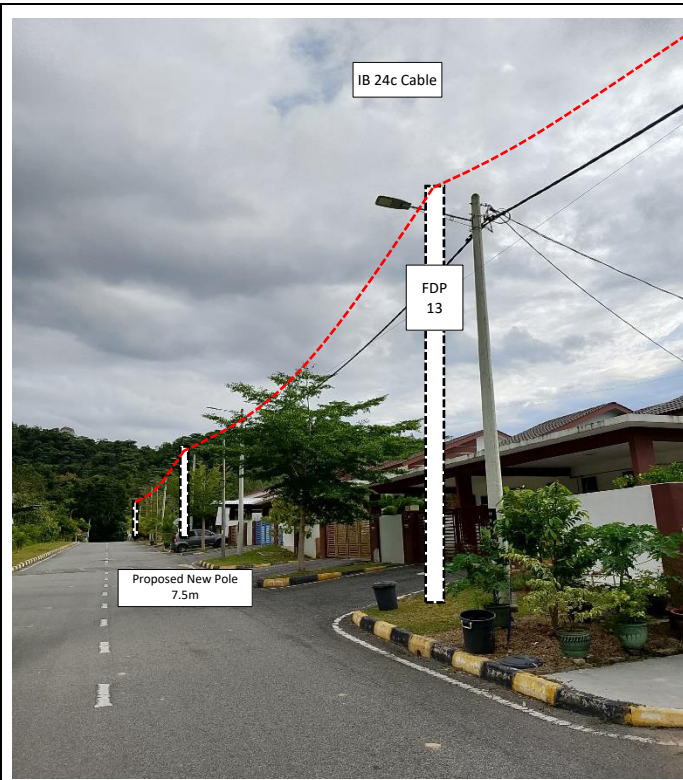
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85	T084	35	5.394834	101.097352	JKR
86	T085	23	5.394556	101.097522	Majlis Daerah Gerik
87	T086	31	5.394230	101.097370	Majlis Daerah Gerik
88	T087	33	5.394375	101.097627	Majlis Daerah Gerik
89	T088	25	5.394125	101.097166	Majlis Daerah Gerik
90	T089	28	5.393996	101.096946	Majlis Daerah Gerik
91	T090	24	5.393932	101.097268	Majlis Daerah Gerik
92	T091	15	5.393803	101.097231	Majlis Daerah Gerik
93	T092	38	5.394075	101.097789	Majlis Daerah Gerik
94	T093	39	5.393772	101.097962	Majlis Daerah Gerik
95	T094	8	5.393709	101.097944	Majlis Daerah Gerik
96	T095	23	5.393597	101.097769	Majlis Daerah Gerik
97	T096	30	5.393458	101.097534	Majlis Daerah Gerik
98	T097	12	5.393414	101.097636	Majlis Daerah Gerik
99	T098	34	5.393142	101.097779	Majlis Daerah Gerik
100	T099	32	5.392892	101.097935	Majlis Daerah Gerik
101	T100	43	5.392556	101.098136	Majlis Daerah Gerik
102	T101	13	5.392444	101.098099	Majlis Daerah Gerik
103	T102	15	5.393625	101.098048	Majlis Daerah Gerik
104	T103	45	5.393280	101.098249	Majlis Daerah Gerik
105	T104	30	5.393041	101.098391	Majlis Daerah Gerik
106	T105	41	5.392721	101.098585	Majlis Daerah Gerik
107	T106	19	5.392437	101.098752	Majlis Daerah Gerik
108	T107	24	5.392283	101.098843	Majlis Daerah Gerik
109	T108	6	5.392088	101.098939	Majlis Daerah Gerik
110	T109	31	5.392033	101.098899	Majlis Daerah Gerik
111	T110	22	5.392025	101.098621	Majlis Daerah Gerik
112	T111	22	5.392010	101.098424	Majlis Daerah Gerik
113	MH1	45	5.390123	101.077887	JKR
114	MH2	45	5.390465	101.078060	JKR

**5.0 SITE PHOTOS - PROPOSED NEW POLE**











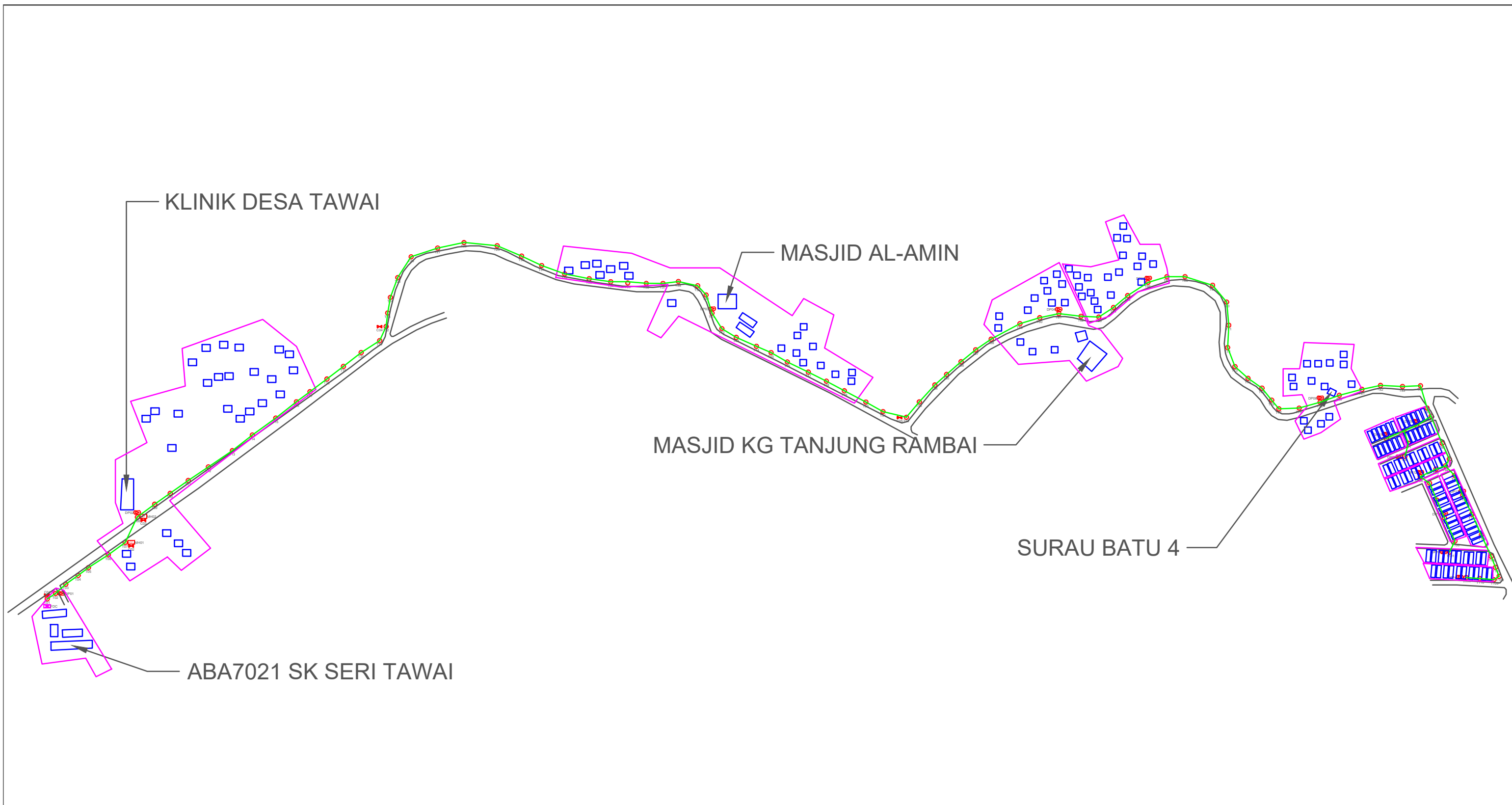
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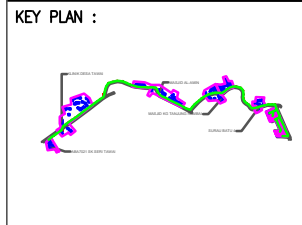
## 6.0 3<sup>rd</sup> PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Gerik	2904
2	JKR Daerah Gerik	681



**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



PROJECT OWNER :

MAIN CONTRACTOR

PRIVASAT

SUB-CONTRACTOR :

PROJECT TITLE:

CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION, AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 PROJECT D-SIDE - ABA7021 - SK SERI TAWAI

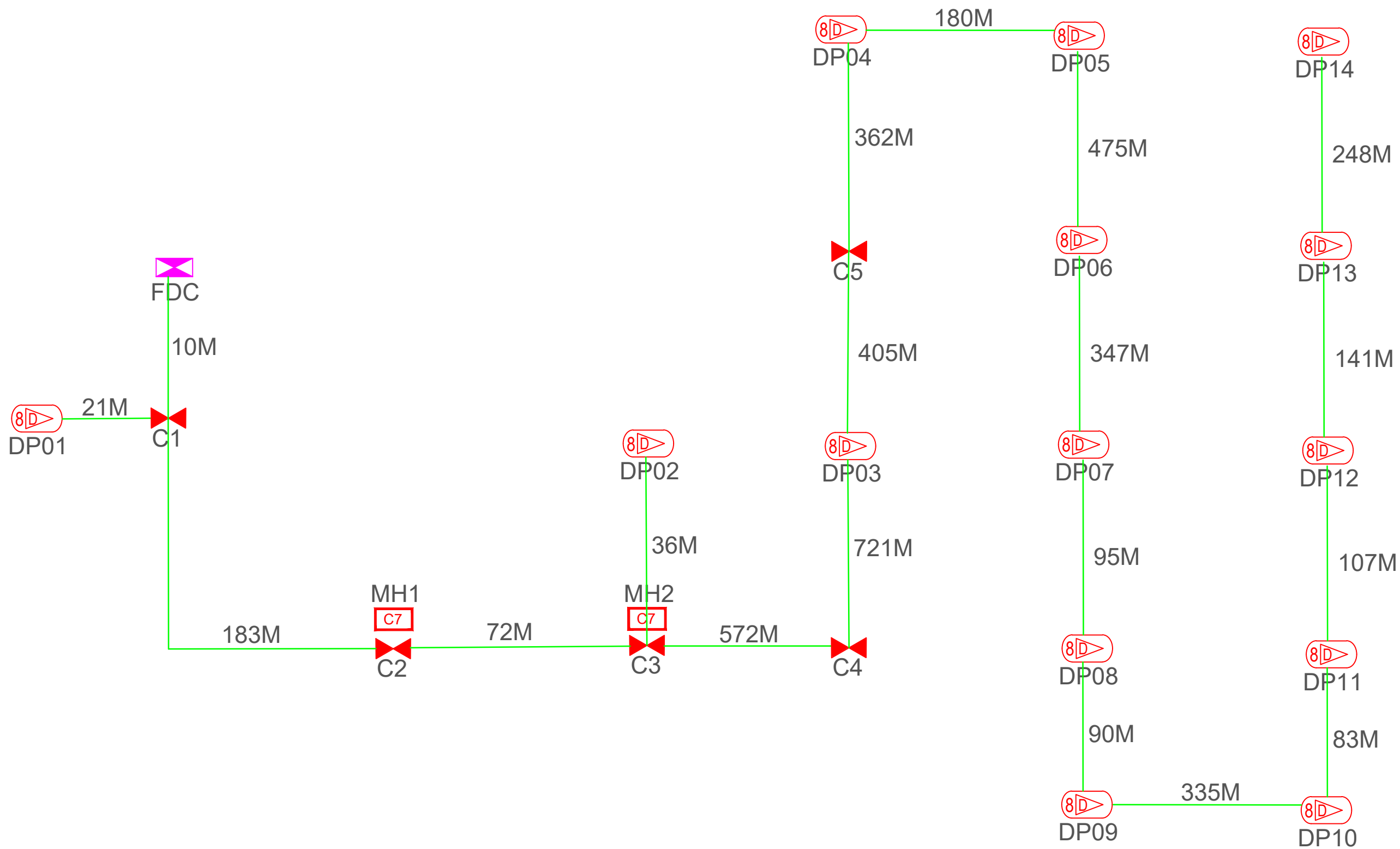
DRAWING TITLE:

**ABA7021 SK SERI TAWAI**

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: 4,465 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

<b>KEY PLAN :</b> 	<b>PROJECT OWNER :</b>  KEMENTERIAN KOMUNIKASI	<b>MAIN CONTRACTOR</b>  APEX COMMUNICATIONS SDN BHD PRIVASAT	<b>SUB-CONTRACTOR :</b>  WABTECH SDN BHD	<b>PROJECT TITLE:</b> CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION, AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 PROJECT D-SIDE - ABA7021 - SK SERI TAWAI	<b>DRAWING TITLE:</b> ABA7021 SK SERI TAWAI	Design By ENGINEER Date DATE
					<b>PROJECT PHASE:</b> PROJECT PHASE	Drawn By CAD ENGINEER Scale NTS Checked By ENGINEER Job Number JOB/NUMBER
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