

## POP2 D/SIDE SK JELUTONG – Technical Proposal

Company Name	:	Kuasa Sekata Sdn. Bhd.
Company Address	:	No. 2, Kompleks Penghulu, Tasik Biru Kundang, 48050 Rawang, Selangor
Prepared By	:	Muhammad Fahmi Bin Ahmad Zure
Date	:	18/12/2024



POINT A

POINT B

### Starting Point

Site / Boundary Name	:	SK JELUTONG
Address	:	Jalan Kuala Kangsar
District	:	Changkat Jering
Postcode	:	34850
State	:	Perak
GPS Coordinate	:	4.779551° , 100.744146°
LRD	:	A

### End Point

Site / Boundary Name	:	SK JELUTONG
Address	:	Jalan Kampung Kubu Hilir
District	:	Changkat Jering
Postcode	:	34850
State	:	Perak
GPS Coordinate	:	4.780765° , 100.760985°
LRD	:	B



PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA (KKMM.400-11/17/132(1))



## 1.0 Work Summary

No	Proposed Distance and Method	Unit	Qty
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		0

	Other Information	Unit	Qty
1	Proposed Manhole	EA	0
2	Proposed Pole	EA	95
3	Joint Closure	EA	2
4	Estimated time required for completion	days	40



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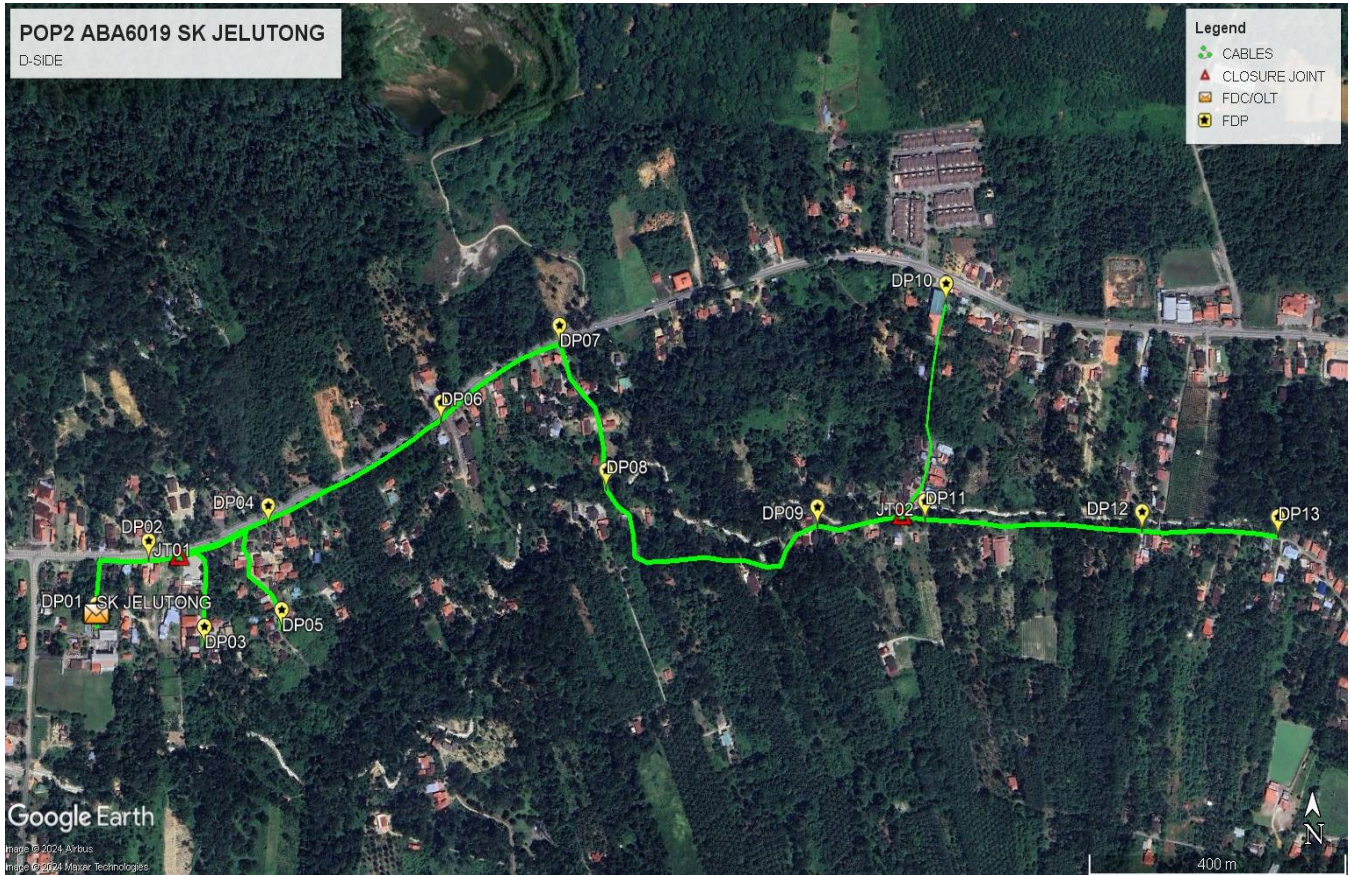


## 2.0 Local Authority Summary

### 1. Daerah Changkat Jering

Bil	Items	Owner	Quantity (ea)	Distance (m)
1	New Pole	JKR	27	805
		Pejabat Daerah dan Tanah	68	2,115
		Estate / Private Land	-	-
Total				2,920m

### 3.0 Site Plan – KMZ (Overview site area)



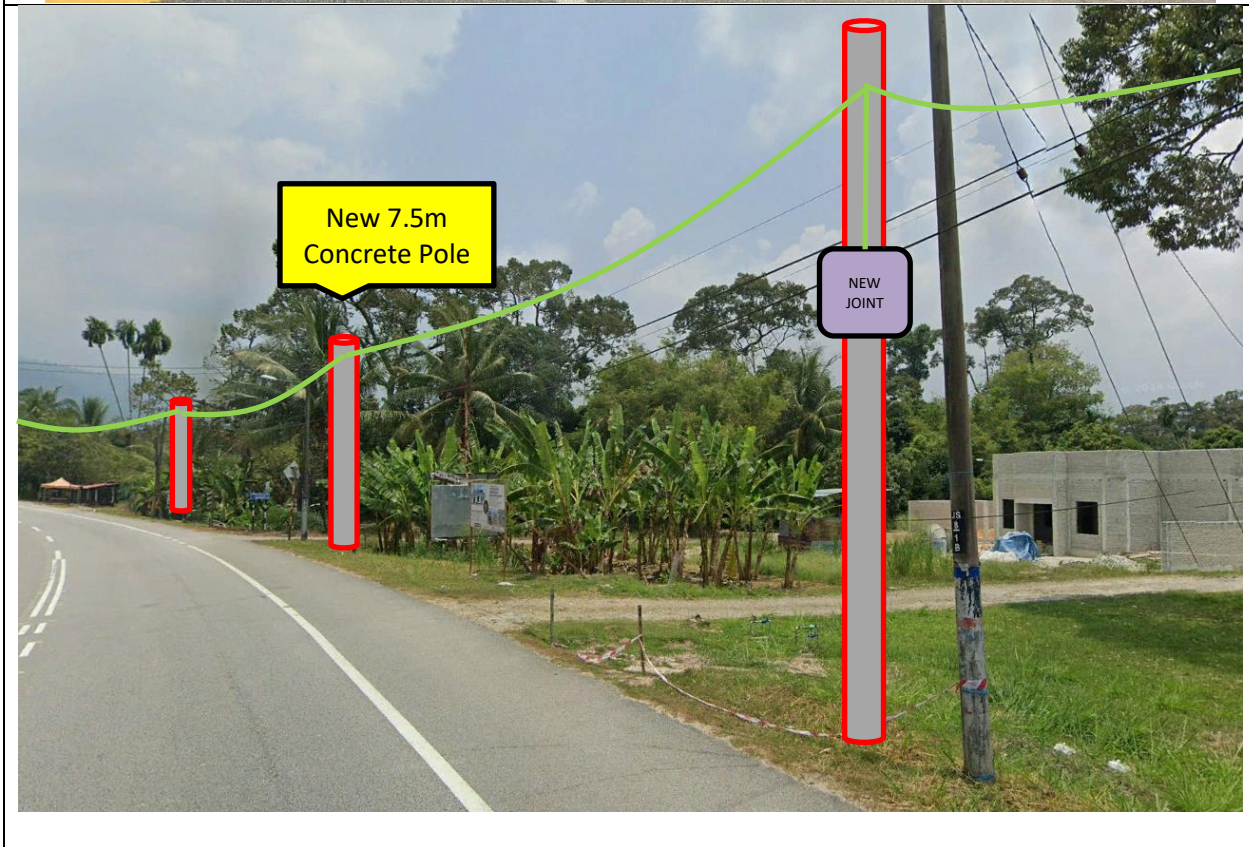
#### 4.0 Site Plan – KMZ Routing (All Local Authority)

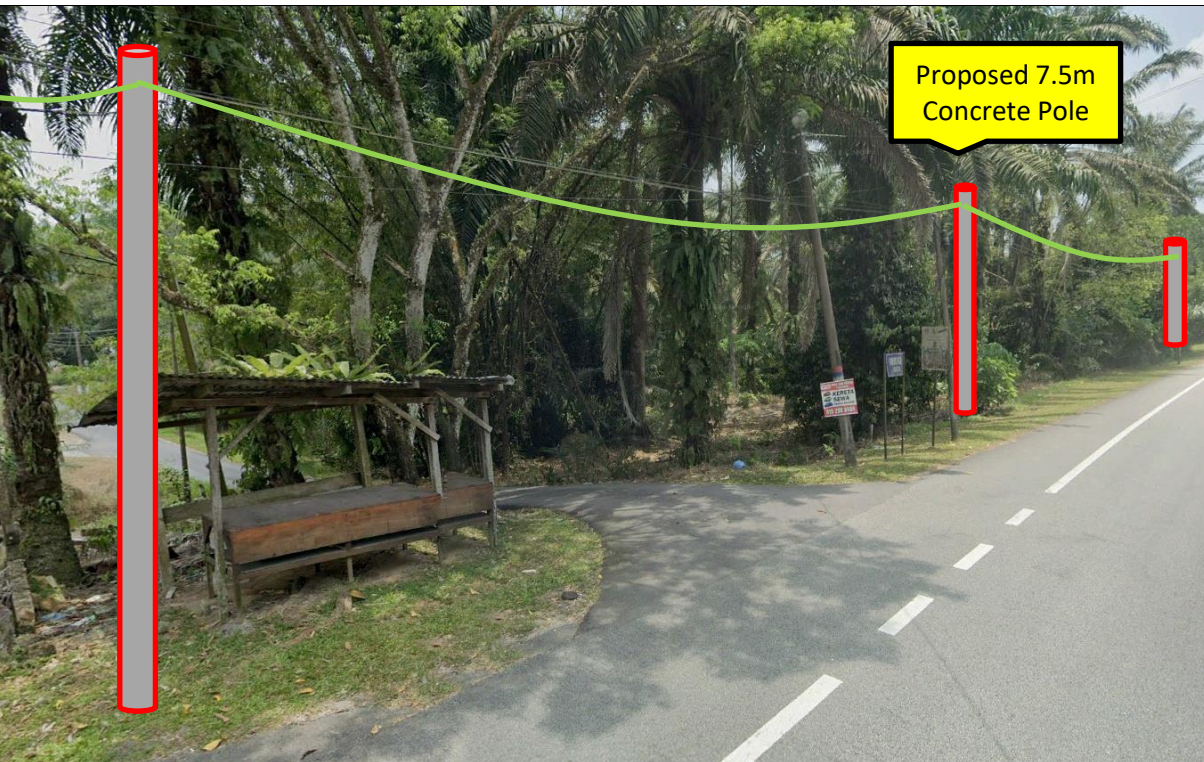
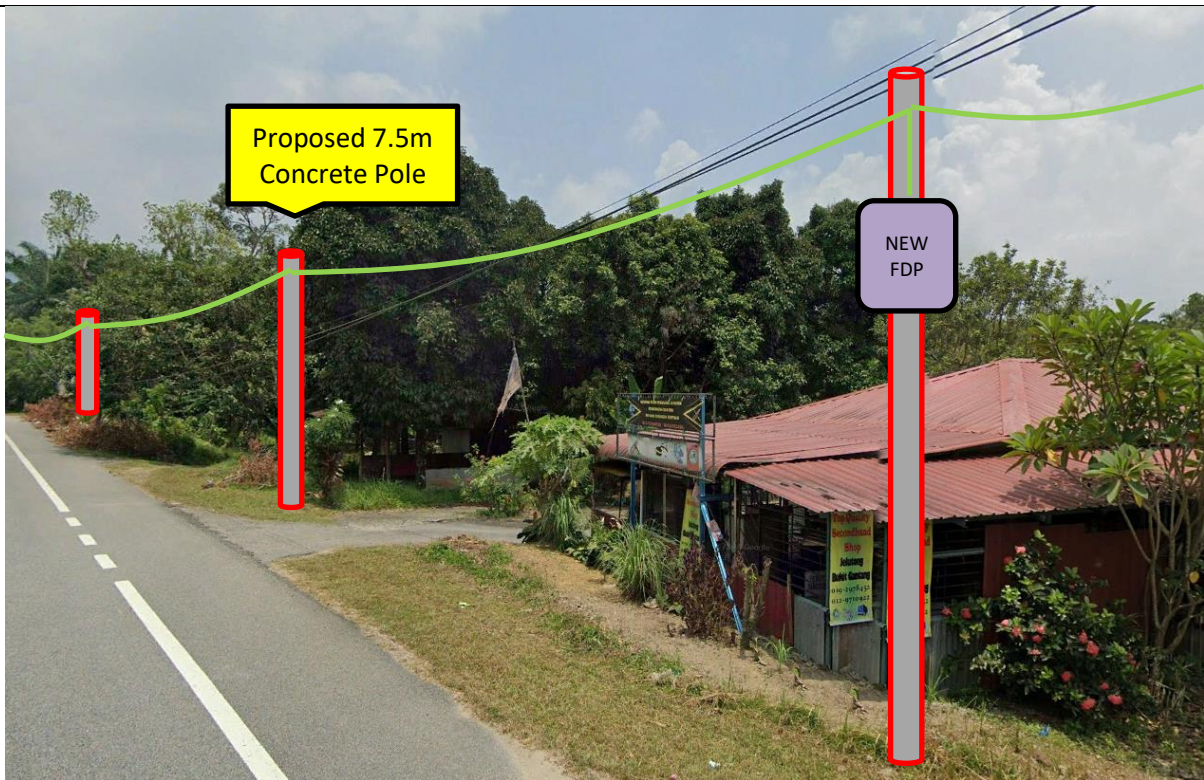


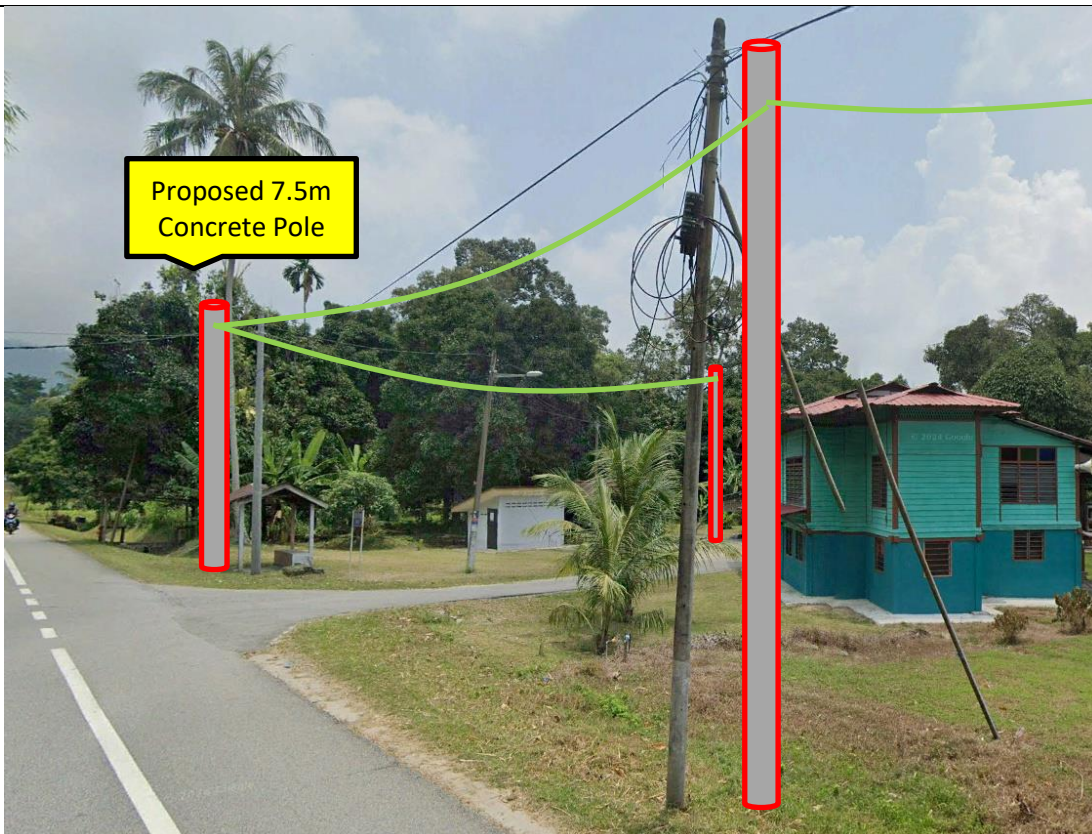
**Blue Colour – Majlis Authority**

**Red Colour – JKR Authority**

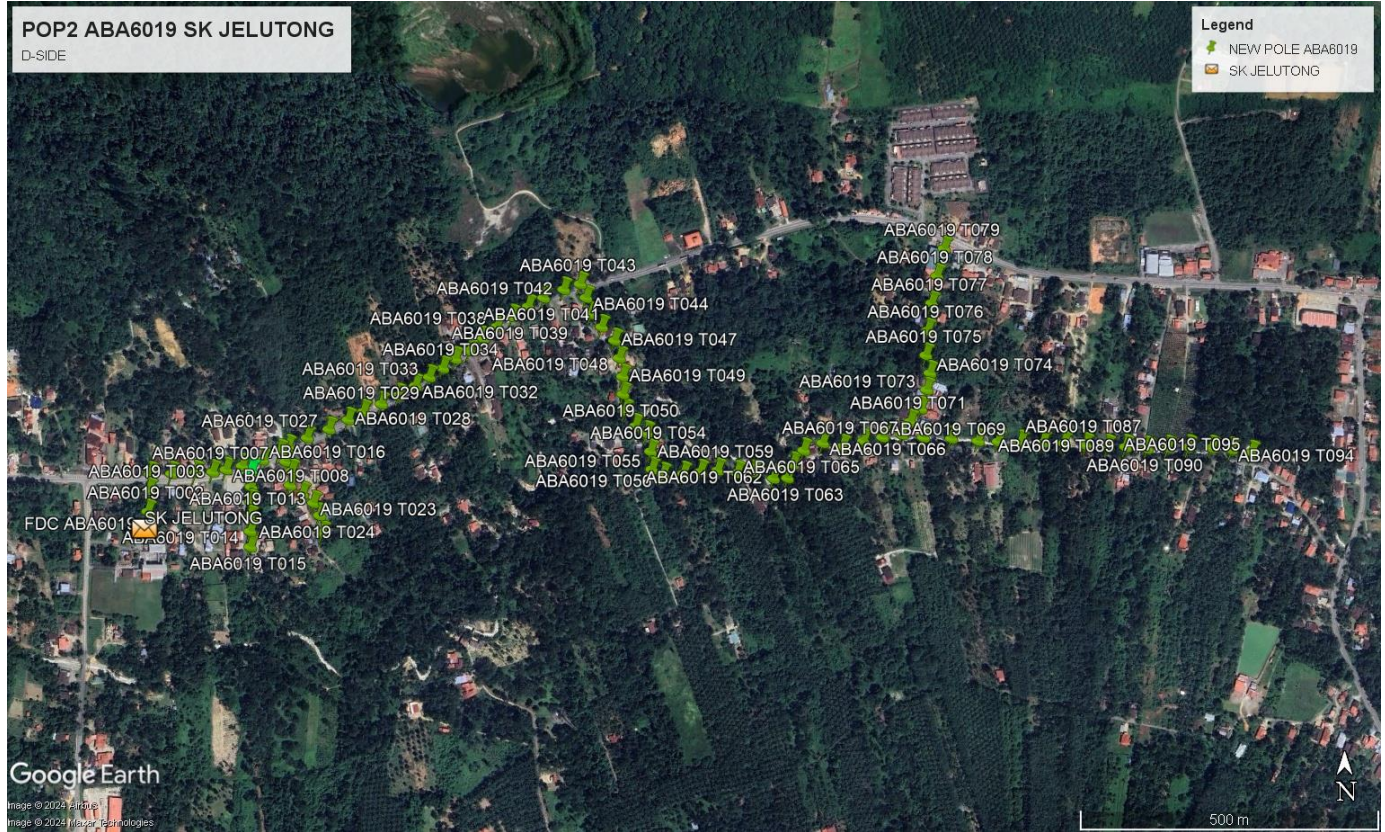
### 5.0 Site Photo – Proposed New Pole







## 6.0 Site Plan – KMZ Routing (Prop new Pole)



## 7.0 Overall New Pole Proposed

Proposed New Pole Coordinate					
No.	Pole ID	Distance (m)	Latitude	Longitude	Local Authority
1	FDC ABA6019	0	4.779568	100.744141	Pejabat Daerah & Tanah Taiping
2	ABA6019 T001	35	4.779636	100.744144	Pejabat Daerah & Tanah Taiping
3	ABA6019 T002	35	4.779876	100.744145	Pejabat Daerah & Tanah Taiping
4	ABA6019 T003	30	4.780201	100.744159	Pejabat Daerah & Tanah Taiping
5	ABA6019 T004	30	4.780444	100.744177	JKR Daerah Taiping
6	ABA6019 T005	35	4.78045	100.744498	JKR Daerah Taiping
7	ABA6019 T006	35	4.780463	100.744861	JKR Daerah Taiping
8	ABA6019 T007	35	4.780476	100.745125	JKR Daerah Taiping
9	ABA6019 T008	30	4.780511	100.745326	JKR Daerah Taiping
10	ABA6019 T009	35	4.780568	100.745566	JKR Daerah Taiping
11	ABA6019 T010	30	4.780463	100.745689	Pejabat Daerah & Tanah Taiping
12	ABA6019 T011	30	4.780249	100.745709	Pejabat Daerah & Tanah Taiping
13	ABA6019 T012	30	4.780022	100.745712	Pejabat Daerah & Tanah Taiping
14	ABA6019 T013	30	4.779785	100.745702	Pejabat Daerah & Tanah Taiping
15	ABA6019 T014	30	4.779578	100.745711	Pejabat Daerah & Tanah Taiping
16	ABA6019 T015	30	4.77934	100.745711	Pejabat Daerah & Tanah Taiping
17	ABA6019 T016	35	4.780656	100.745874	JKR Daerah Taiping
18	ABA6019 T017	35	4.780786	100.746131	JKR Daerah Taiping
19	ABA6019 T018	35	4.780857	100.746257	JKR Daerah Taiping
20	ABA6019 T019	30	4.780632	100.746226	Pejabat Daerah & Tanah Taiping
21	ABA6019 T020	30	4.780487	100.746314	Pejabat Daerah & Tanah Taiping
22	ABA6019 T021	30	4.780274	100.746297	Pejabat Daerah & Tanah Taiping
23	ABA6019 T022	30	4.780139	100.746482	Pejabat Daerah & Tanah Taiping
24	ABA6019 T023	30	4.780003	100.746653	Pejabat Daerah & Tanah Taiping
25	ABA6019 T024	30	4.779815	100.746746	Pejabat Daerah & Tanah Taiping
26	ABA6019 T025	30	4.77955	100.746789	Pejabat Daerah & Tanah Taiping
27	ABA6019 T026	30	4.780996	100.746551	JKR Daerah Taiping
28	ABA6019 T027	30	4.781126	100.746888	JKR Daerah Taiping
29	ABA6019 T028	30	4.781271	100.747181	JKR Daerah Taiping
30	ABA6019 T029	30	4.781393	100.747412	JKR Daerah Taiping
31	ABA6019 T030	30	4.781512	100.747681	JKR Daerah Taiping
32	ABA6019 T031	30	4.781638	100.747939	JKR Daerah Taiping
33	ABA6019 T032	30	4.781786	100.748202	JKR Daerah Taiping
34	ABA6019 T033	30	4.781919	100.748419	JKR Daerah Taiping
35	ABA6019 T034	30	4.782055	100.748624	JKR Daerah Taiping
36	ABA6019 T035	30	4.782197	100.748814	JKR Daerah Taiping
37	ABA6019 T036	35	4.782322	100.749024	JKR Daerah Taiping
38	ABA6019 T037	35	4.782509	100.749235	JKR Daerah Taiping
39	ABA6019 T038	35	4.78269	100.749451	JKR Daerah Taiping
40	ABA6019 T039	30	4.782842	100.74968	JKR Daerah Taiping
41	ABA6019 T040	30	4.782996	100.749931	JKR Daerah Taiping
42	ABA6019 T041	30	4.783127	100.750168	JKR Daerah Taiping
43	ABA6019 T042	30	4.783252	100.750476	JKR Daerah Taiping

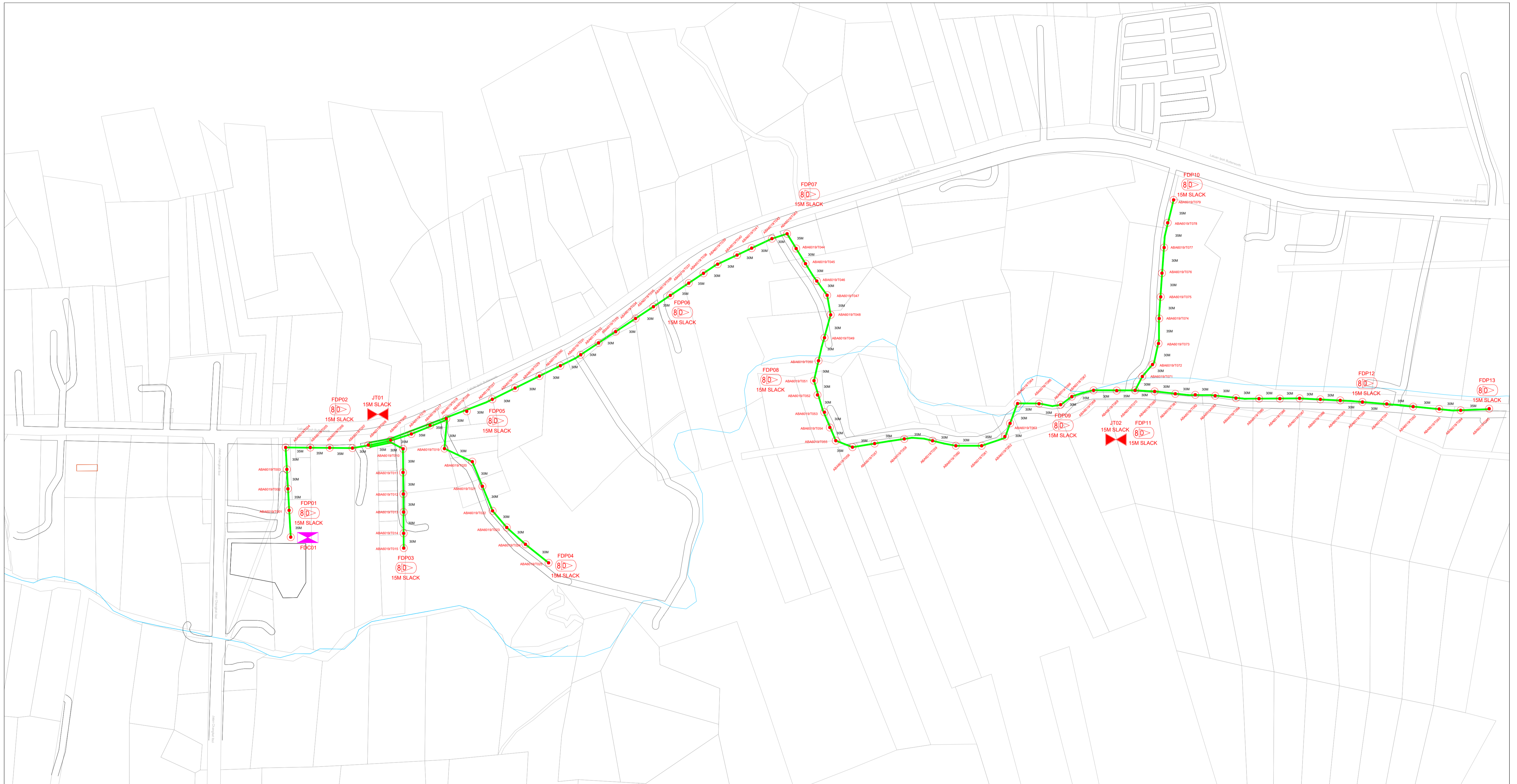
No.	Pole ID	Distance (m)	Latitude	Longitude	Local Authority
44	ABA6019 T043	30	4.783335	100.750726	JKR Daerah Taiping
45	ABA6019 T044	35	4.783129	100.750814	Pejabat Daerah & Tanah Taiping
46	ABA6019 T045	30	4.782881	100.750888	Pejabat Daerah & Tanah Taiping
47	ABA6019 T046	30	4.782686	100.751052	Pejabat Daerah & Tanah Taiping
48	ABA6019 T047	30	4.782477	100.751251	Pejabat Daerah & Tanah Taiping
49	ABA6019 T048	35	4.782209	100.751324	Pejabat Daerah & Tanah Taiping
50	ABA6019 T049	30	4.781929	100.751376	Pejabat Daerah & Tanah Taiping
51	ABA6019 T050	30	4.78166	100.75138	Pejabat Daerah & Tanah Taiping
52	ABA6019 T051	30	4.781406	100.751411	Pejabat Daerah & Tanah Taiping
53	ABA6019 T052	30	4.781174	100.75157	Pejabat Daerah & Tanah Taiping
54	ABA6019 T053	30	4.781064	100.751739	Pejabat Daerah & Tanah Taiping
55	ABA6019 T054	30	4.780787	100.751802	Pejabat Daerah & Tanah Taiping
56	ABA6019 T055	30	4.780514	100.751822	Pejabat Daerah & Tanah Taiping
57	ABA6019 T056	35	4.780432	100.751991	Pejabat Daerah & Tanah Taiping
58	ABA6019 T057	35	4.78045	100.752305	Pejabat Daerah & Tanah Taiping
59	ABA6019 T058	35	4.780479	100.752565	Pejabat Daerah & Tanah Taiping
60	ABA6019 T059	35	4.780501	100.75283	Pejabat Daerah & Tanah Taiping
61	ABA6019 T060	30	4.780458	100.753126	Pejabat Daerah & Tanah Taiping
62	ABA6019 T061	30	4.780468	100.753375	Pejabat Daerah & Tanah Taiping
63	ABA6019 T062	35	4.780378	100.753679	Pejabat Daerah & Tanah Taiping
64	ABA6019 T063	30	4.780383	100.753894	Pejabat Daerah & Tanah Taiping
65	ABA6019 T064	30	4.780593	100.753976	Pejabat Daerah & Tanah Taiping
66	ABA6019 T065	30	4.780805	100.754142	Pejabat Daerah & Tanah Taiping
67	ABA6019 T066	35	4.780916	100.75443	Pejabat Daerah & Tanah Taiping
68	ABA6019 T067	30	4.78086	100.754733	Pejabat Daerah & Tanah Taiping
69	ABA6019 T068	35	4.780946	100.755055	Pejabat Daerah & Tanah Taiping
70	ABA6019 T069	30	4.781002	100.755346	Pejabat Daerah & Tanah Taiping
71	ABA6019 T070	35	4.781048	100.755639	Pejabat Daerah & Tanah Taiping
72	ABA6019 T071	30	4.78124	100.755771	Pejabat Daerah & Tanah Taiping
73	ABA6019 T072	30	4.781436	100.755934	Pejabat Daerah & Tanah Taiping
74	ABA6019 T073	30	4.781727	100.756024	Pejabat Daerah & Tanah Taiping
75	ABA6019 T074	35	4.781982	100.756076	Pejabat Daerah & Tanah Taiping
76	ABA6019 T075	30	4.782251	100.756014	Pejabat Daerah & Tanah Taiping
77	ABA6019 T076	30	4.78263	100.756043	Pejabat Daerah & Tanah Taiping
78	ABA6019 T077	30	4.783045	100.756105	Pejabat Daerah & Tanah Taiping
79	ABA6019 T078	35	4.783464	100.75619	Pejabat Daerah & Tanah Taiping
80	ABA6019 T079	35	4.783883	100.756302	Pejabat Daerah & Tanah Taiping
81	ABA6019 T080	30	4.780999	100.755972	Pejabat Daerah & Tanah Taiping
82	ABA6019 T081	30	4.780985	100.756401	Pejabat Daerah & Tanah Taiping
83	ABA6019 T082	30	4.780947	100.756808	Pejabat Daerah & Tanah Taiping
84	ABA6019 T083	30	4.780938	100.757116	Pejabat Daerah & Tanah Taiping
85	ABA6019 T084	30	4.780924	100.757456	Pejabat Daerah & Tanah Taiping
86	ABA6019 T085	30	4.780926	100.757803	Pejabat Daerah & Tanah Taiping
87	ABA6019 T086	30	4.78091	100.75812	Pejabat Daerah & Tanah Taiping



PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA (KKMM.400-11/17/132(1))

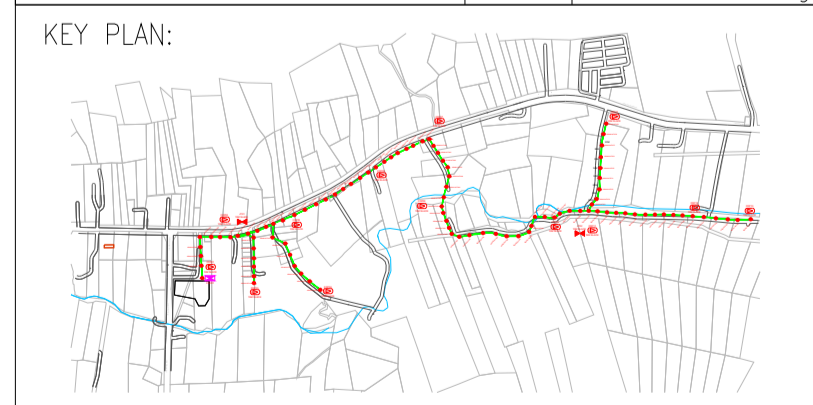


No.	Pole ID	Distance	Latitude	Longitude	Local Authority
88	ABA6019 T087	30	4.780885	100.758451	Pejabat Daerah & Tanah Taiping
89	ABA6019 T088	30	4.780858	100.758783	Pejabat Daerah & Tanah Taiping
90	ABA6019 T089	30	4.780857	100.759059	Pejabat Daerah & Tanah Taiping
91	ABA6019 T090	30	4.780831	100.759386	Pejabat Daerah & Tanah Taiping
92	ABA6019 T091	30	4.780845	100.759706	Pejabat Daerah & Tanah Taiping
93	ABA6019 T092	35	4.780855	100.760021	Pejabat Daerah & Tanah Taiping
94	ABA6019 T093	30	4.780843	100.760376	Pejabat Daerah & Tanah Taiping
95	ABA6019 T094	30	4.780818	100.76068	Pejabat Daerah & Tanah Taiping
96	ABA6019 T095	35	4.780768	100.760983	Pejabat Daerah & Tanah Taiping



12C FOC	Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	2	Suspension	JB30	New Manhole (PIT)	Micro-Trenching (Meter)	MH1	MH NO.
24C FOC	Installed Patch Cord	Installed Pole (7.5m)	98	Tension	C7	New Manhole(JRC7)	Temporary Infra (Meter)	TKS-1	Existing TNB Pole NO.
48C FOC	FDC	Installed Pole (6.7M)		Pole Ring		FDP Boundary	Loop / Coil (Meter)	P001	New Pole NO.
96C FOC	Closure	Existing TNB Pole		FDP with (1:8) splitter	13	HDD (Meter)	#	CL01	Closure NO.
144C FOC	Existing Closure	Installed Riser		Existing Manhole		Open Cut (Meter)	C01	DP1	FDP NO.

ACTUAL HOMEPASS : 104



PROJECT OWNER:

KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR:

PRIVASAT

SUB-CONTRACTOR:

ALLO TECHNOLOGY SDN BHD  
Level 3, Left Wing,  
College of Computer Science & Information Technology (CSIT)  
UNITEN, 43000 Kajang, Selangor  
TEL: 1 300-36-8000  
FAX: (60) 3 8800 5221  
E-MAIL : info@allo.my WEBSITE: HTTP://WWW.ALLO.MY

PROJECT TITLE:

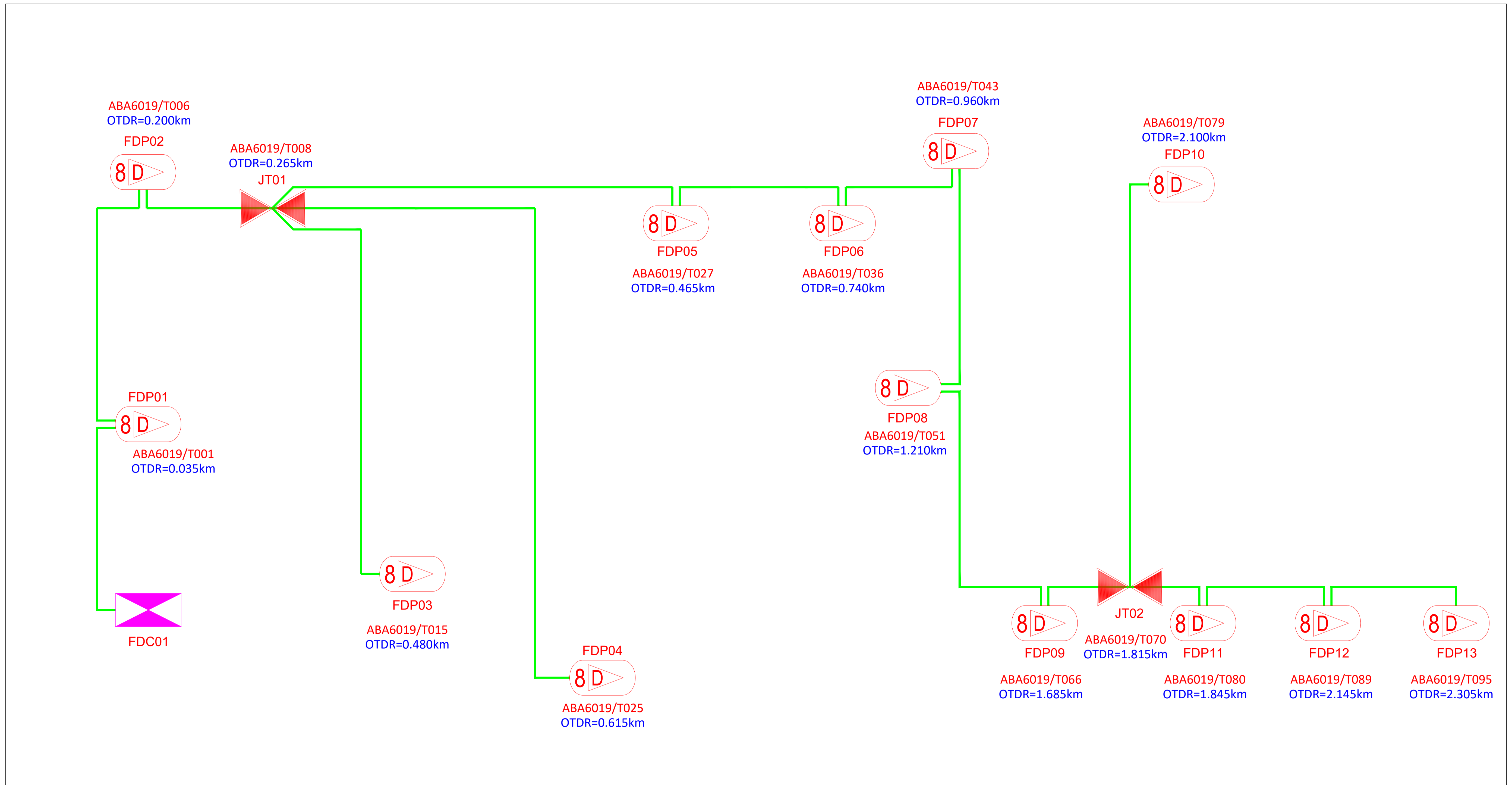
CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP2 PROJECT (D-SIDE)-ABA6019- SEKOLAH KEBANGSAAN JELUTONG

DRAWING TITLE:

GENERAL LAYOUT  
PERAK  
KOD SEKOLAH - ABA6019  
NAMA SEKOLAH - SEKOLAH KEBANGSAAN JELUTONG

PROJECT PHASE:  
PROJECT PHASE

Design By : WJ	Date : 17/12/2024
Drawn By : FAKHRUL	Scale : 1:2
Checked By :	Job Number : 47
DRAWING NUMBER : ALLO/ABA6019/2024/MFR_REV01	Sheet : 1 / 1
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Size : A1	



12C FOC	Installed 1:4 / 1:8 / 1:32 splitter	2	Installed Pole (9m)	2	Suspension	JB30	New Manhole (PIT)	Micro-Trenching (Meter)	MH1	MH NO.
24C FOC	Installed Patch Cord	3,155M	Installed Pole (7.5M)	98	Tension	C7	New Manhole(JRC7)	Temporary Infra (Meter)	TKS-1	Existing TNB Pole NO.
48C FOC	FDC	1	Installed Pole (6.7M)		Pole Ring		FDP Boundary	Loop / Coil (Meter)	P001	New Pole NO.
96C FOC	Closure	2	Existing TNB Pole		FDP with (1:8) splitter	13	HDD (Meter)	#	CL01	Closure NO.
144C FOC	Existing Closure		Installed Riser		Existing Manhole		Open Cut (Meter)	C01	DP1	FDP NO.

ACTUAL HOMEPASS : 104

<b>KEY PLAN:</b> 	<b>PROJECT OWNER:</b>  KEMENTERIAN KOMUNIKASI DAN DIGITAL	<b>MAIN CONTRACTOR:</b>  APEX COMMUNICATIONS SDN BHD 187475-V <b>PRIVASAT</b>	<b>SUB-CONTRACTOR:</b>  ALLO TECHNOLOGY SDN BHD Level 3, Left Wing, College of Computer Science & Information Technology (CSIT) UNITEN, 43000 Kajang, Selangor TEL: 300-38-8000 FAX: (60) 3-8920-9221 E-MAIL: info@allo.my WEBSITE: HTTP://WWW.ALLO.MY	<b>PROJECT TITLE:</b> CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION AND COMMISSIONING OF FTTH NETWORK INFRASTRUCTURE - POP2 PROJECT (D-SIDE) - ABA6019- SEKOLAH KEBANGSAAN JELUTONG	<b>DRAWING TITLE:</b> GENERAL LAYOUT PERAK KOD SEKOLAH - ABA6019 NAMA SEKOLAH - SEKOLAH KEBANGSAAN JELUTONG	Design By : WJ Date : 18/12/2024
					<b>PROJECT PHASE:</b> PROJECT PHASE	Drawn By : FAKHRUL Scale : 1:2 Checked By : Job Number : 47 DRAWING NUMBER : ALLO/ABA6019/2024/MFR_REV01 Sheet : 1 / 1 THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF ALLO TECHNOLOGY SDN BHD Size : A1