

TECHNICAL PROPOSAL

POP2 ABAA001 SEKOLAH KEB. AMINUDIN BAKI (D-SIDE)

Company Name	:	STEADCOM SDN BHD
Company Address	:	11-3, Jalan Puteri 2/6, Bandar Puteri, 47100 Puchong, Selangor
Prepared By	:	Fariz Aizat
Date	:	18/11/2024



POINT A

POINT B

Starting Point

Site / Boundary Name	:	SEKOLAH KEBANGSAAN AMINUDIN BAKI
Address	:	Jalan Stesen, Kg Manggis, 35800 Slim River, Perak.
District	:	Slim River
Postcode	:	35800
State	:	Perak
GPS Coordinate	:	3.82774, 101.40449
LRD	:	A

End Point

Site / Boundary Name	:	SEKOLAH KEBANGSAAN AMINUDIN BAKI
Address	:	Jalan Stesen, Kg Manggis, 35800 Slim River, Perak.
District	:	Slim River
Postcode	:	35800
State	:	Perak
GPS Coordinate	:	3.828466, 101.40229
LRD	:	B

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	47
3	Joint Closure	EA	3
4	Estimated time required for completion	days	30

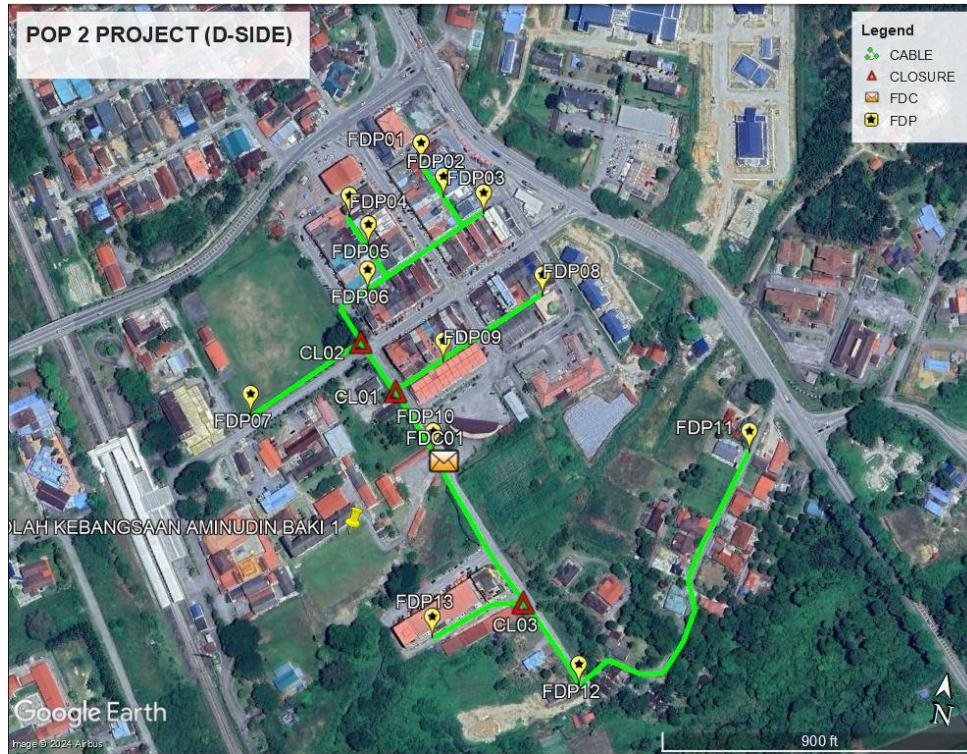
Local Authority Summary

1. Daerah Tanjung Malim

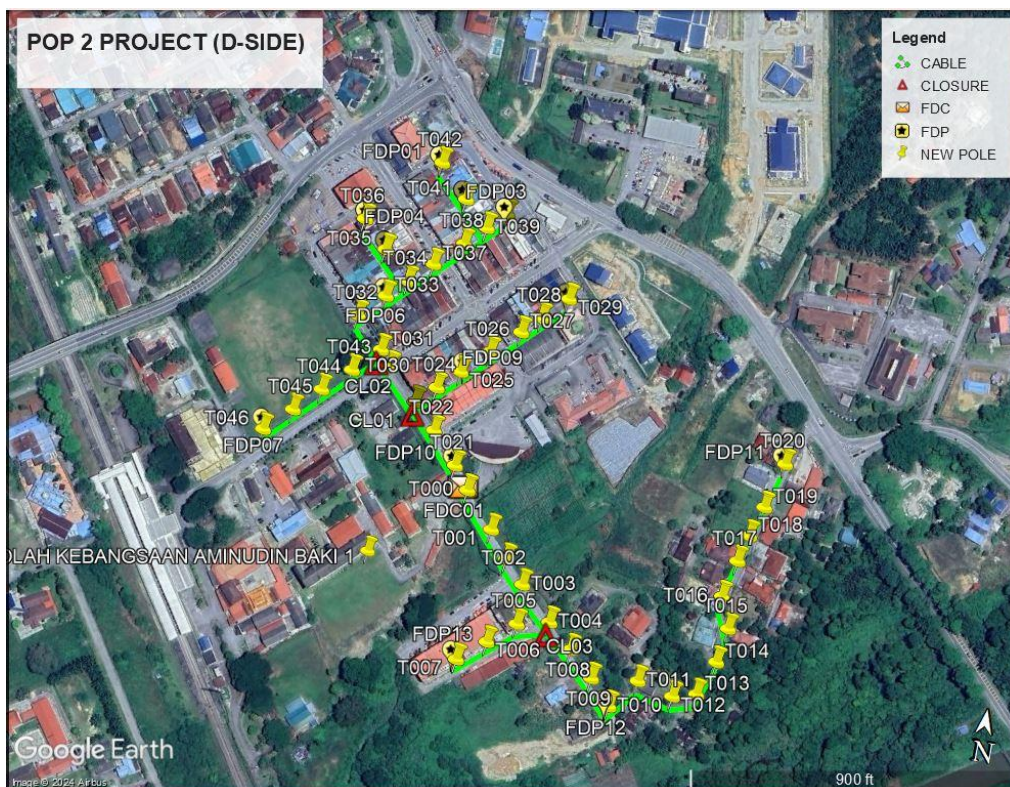
Bil	Items	Owner	Quantity	Distance(m)
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	-	-
		Majlis	47PCS	1347m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				1347m

Site Plan – KMZ (Overview site area)

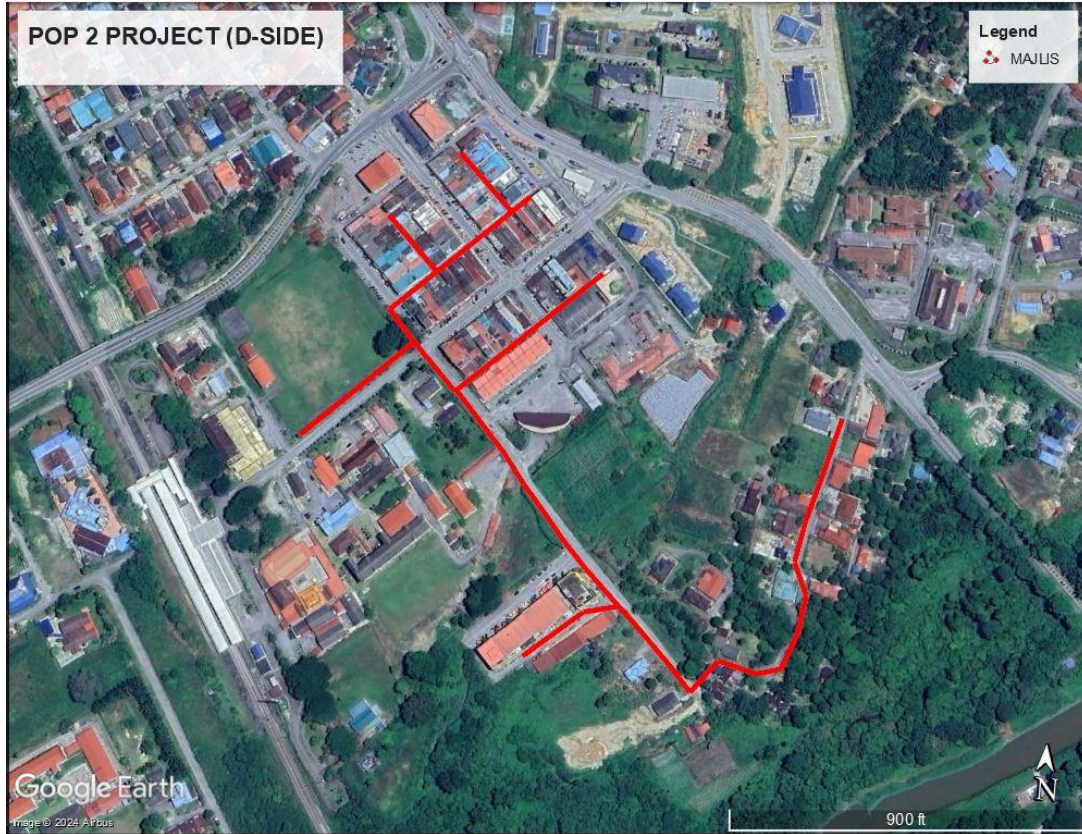
Proposed FDP and Closure



Proposed New Pole



Site Plan – KMZ Routing (All Local Authority)

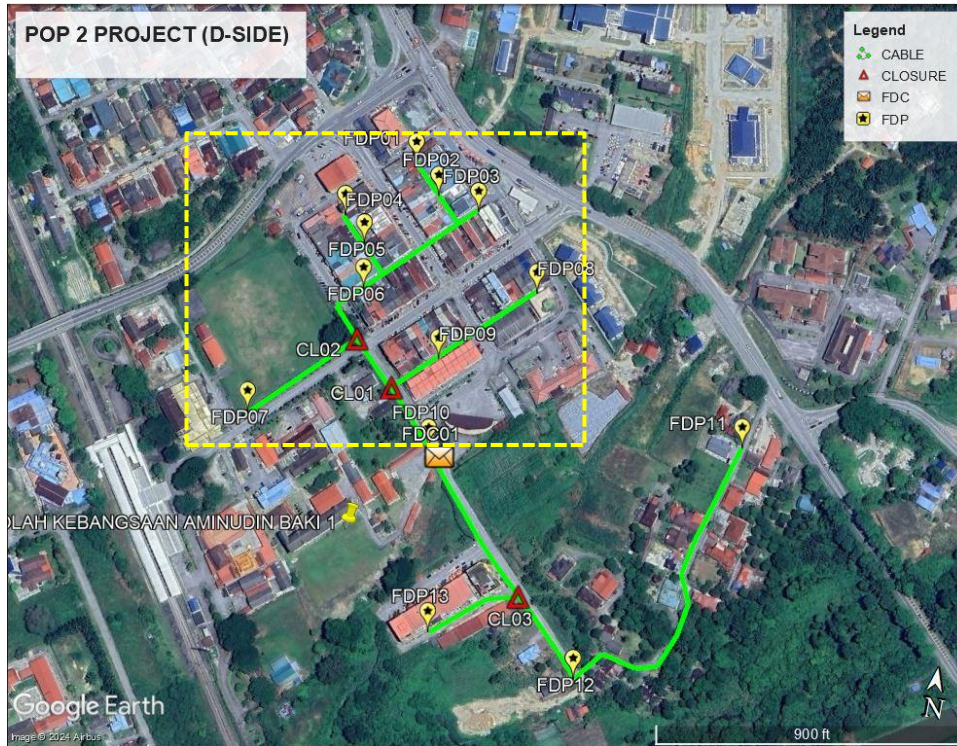


Green Colour – JKR

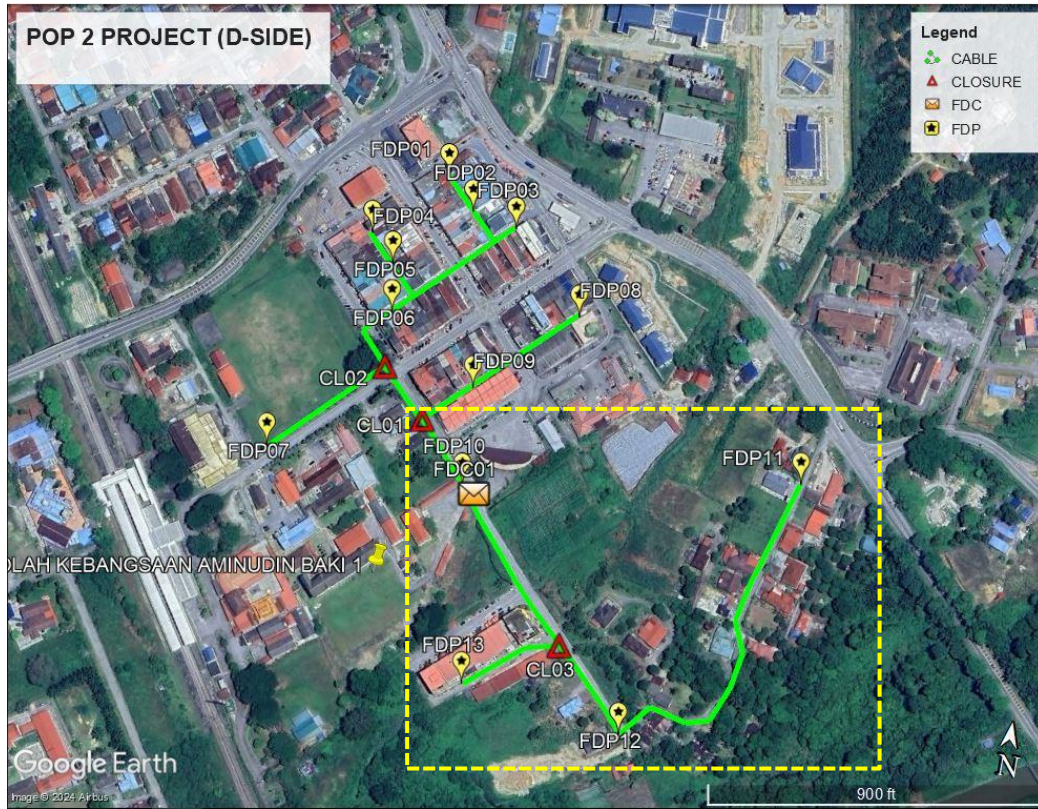
Red Colour – Majlis Daerah Tanjung Malim

Site Plan – KMZ Routing (All site area)

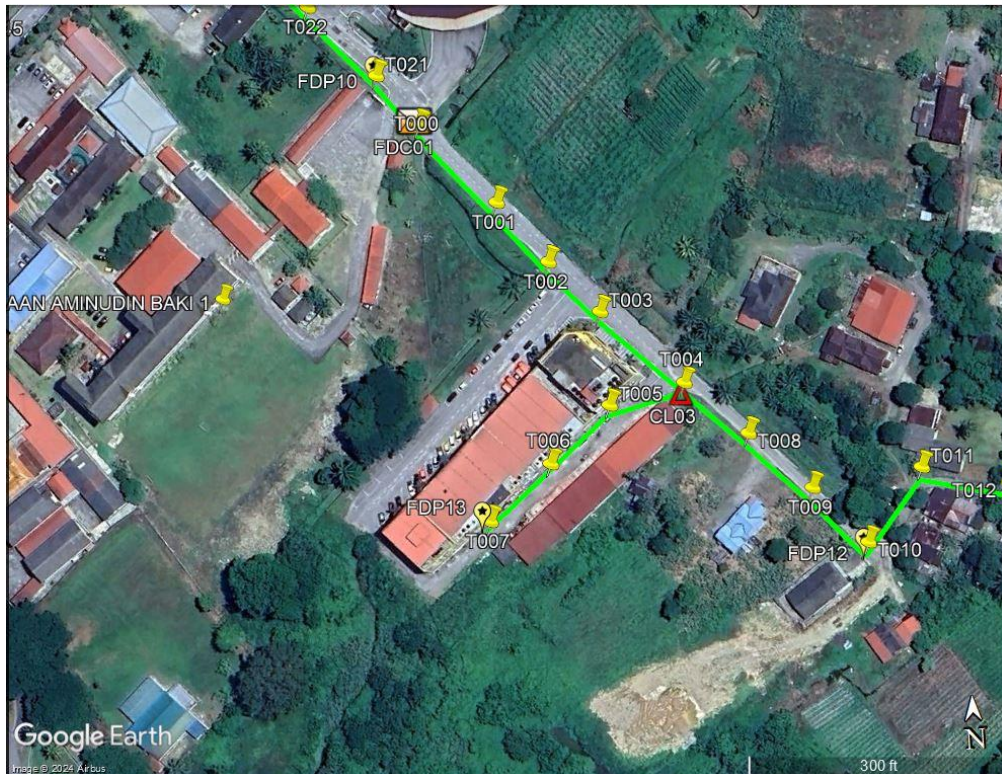
Route 1

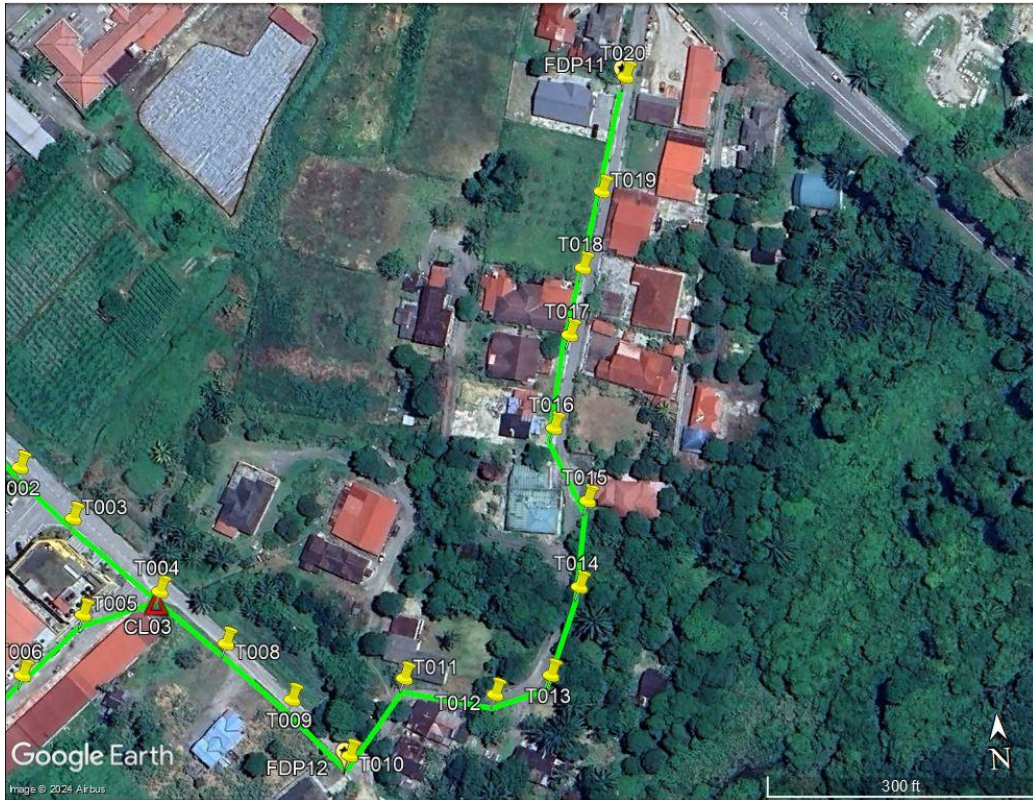


Route 1.1



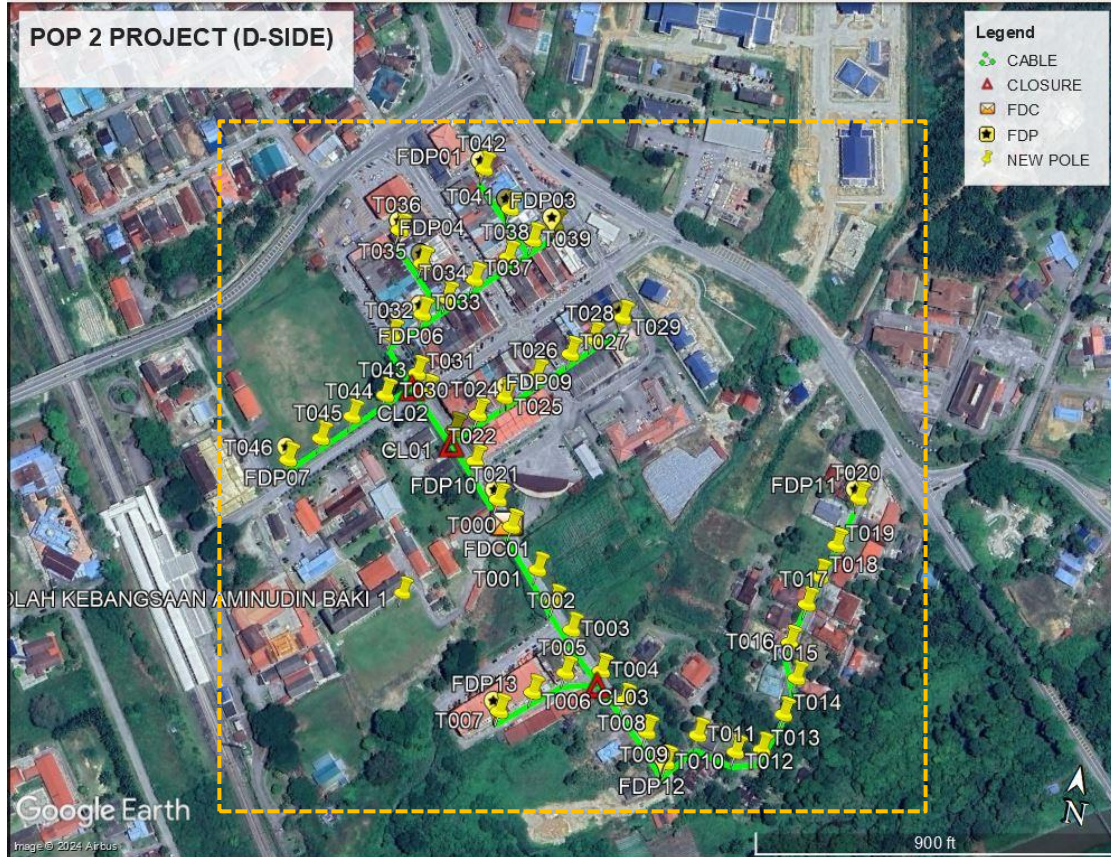
Route 2.1





Route 2.2

Site Plan – KMZ Routing (Proposed new Pole)



Proposed New Pole Lat & Long Table

No.	Label	Pole & Manhole ID	Latitude	Longitude	Local Authority
1	OLT / FDC	T000	3.827553	101.404625	MAJLIS DAERAH TANJUNG MALIM
2	FDP01	T042	3.829974	101.403954	MAJLIS DAERAH TANJUNG MALIM
3	FDP02	T041	3.829736	101.404178	MAJLIS DAERAH TANJUNG MALIM
4	FDP03	T040	3.829682	101.404498	MAJLIS DAERAH TANJUNG MALIM
5	FDP04	T036	3.829459	101.403458	MAJLIS DAERAH TANJUNG MALIM
6	FDP05	T035	3.829261	101.403652	MAJLIS DAERAH TANJUNG MALIM
7	FDP06	T033	3.828920	101.403714	MAJLIS DAERAH TANJUNG MALIM
8	FDP07	T046	3.827779	101.402986	MAJLIS DAERAH TANJUNG MALIM
9	FDP08	T029	3.829140	101.405071	MAJLIS DAERAH TANJUNG MALIM
10	FDP09	T025	3.828461	101.404369	MAJLIS DAERAH TANJUNG MALIM
11	FDP10	T021	3.827766	101.404450	MAJLIS DAERAH TANJUNG MALIM
12	FDP11	T020	3.828214	101.406885	MAJLIS DAERAH TANJUNG MALIM
13	FDP12	T010	3.826199	101.405903	MAJLIS DAERAH TANJUNG MALIM
14	FDP13	T007	3.826342	101.404717	MAJLIS DAERAH TANJUNG MALIM
15	CL01	T023	3.828179	101.404073	MAJLIS DAERAH TANJUNG MALIM
16	CL02	T031	3.828518	101.403751	MAJLIS DAERAH TANJUNG MALIM
17	CL03	T004	3.826738	101.405356	MAJLIS DAERAH TANJUNG MALIM

Overall Pole (Proposed New)

No.	Pole & Manhole ID	Distance	Latitude	Longitude	Local Authority
1	T000	0	3.827553	101.404625	MAJLIS DAERAH TANJUNG MALIM
2	T001	30	3.827343	101.404803	MAJLIS DAERAH TANJUNG MALIM
3	T002	30	3.827145	101.404953	MAJLIS DAERAH TANJUNG MALIM
4	T003	26	3.826979	101.405105	MAJLIS DAERAH TANJUNG MALIM
5	T004	40	3.826738	101.405356	MAJLIS DAERAH TANJUNG MALIM
6	T005	27	3.826682	101.405116	MAJLIS DAERAH TANJUNG MALIM
7	T006	30	3.826511	101.404919	MAJLIS DAERAH TANJUNG MALIM
8	T007	28	3.826342	101.404717	MAJLIS DAERAH TANJUNG MALIM
9	T008	30	3.826566	101.405548	MAJLIS DAERAH TANJUNG MALIM
10	T009	30	3.826382	101.405738	MAJLIS DAERAH TANJUNG MALIM
11	T010	28	3.826199	101.405903	MAJLIS DAERAH TANJUNG MALIM
12	T011	33	3.826424	101.406086	MAJLIS DAERAH TANJUNG MALIM
13	T012	32	3.826356	101.406361	MAJLIS DAERAH TANJUNG MALIM
14	T013	20	3.826403	101.406535	MAJLIS DAERAH TANJUNG MALIM
15	T014	32	3.826667	101.406640	MAJLIS DAERAH TANJUNG MALIM
16	T015	30	3.826928	101.406682	MAJLIS DAERAH TANJUNG MALIM
17	T016	30	3.827157	101.406595	MAJLIS DAERAH TANJUNG MALIM
18	T017	32	3.827438	101.406662	MAJLIS DAERAH TANJUNG MALIM
19	T018	25	3.827640	101.406716	MAJLIS DAERAH TANJUNG MALIM
20	T019	30	3.827869	101.406789	MAJLIS DAERAH TANJUNG MALIM
21	T020	40	3.828214	101.406885	MAJLIS DAERAH TANJUNG MALIM
22	T021	32	3.827766	101.404450	MAJLIS DAERAH TANJUNG MALIM
23	T022	35	3.827995	101.404249	MAJLIS DAERAH TANJUNG MALIM
24	T023	30	3.828179	101.404073	MAJLIS DAERAH TANJUNG MALIM
25	T024	22	3.828313	101.404212	MAJLIS DAERAH TANJUNG MALIM
26	T025	24	3.828461	101.404369	MAJLIS DAERAH TANJUNG MALIM
27	T026	30	3.828647	101.404559	MAJLIS DAERAH TANJUNG MALIM
28	T027	30	3.828833	101.404762	MAJLIS DAERAH TANJUNG MALIM
29	T028	22	3.828965	101.404894	MAJLIS DAERAH TANJUNG MALIM
30	T029	27	3.829140	101.405071	MAJLIS DAERAH TANJUNG MALIM
31	T030	36	3.828404	101.403840	MAJLIS DAERAH TANJUNG MALIM
32	T031	18	3.828518	101.403751	MAJLIS DAERAH TANJUNG MALIM
33	T032	35	3.828739	101.403536	MAJLIS DAERAH TANJUNG MALIM
34	T033	28	3.828920	101.403714	MAJLIS DAERAH TANJUNG MALIM
35	T034	24	3.829058	101.403858	MAJLIS DAERAH TANJUNG MALIM
36	T035	32	3.829261	101.403652	MAJLIS DAERAH TANJUNG MALIM
37	T036	35	3.829459	101.403458	MAJLIS DAERAH TANJUNG MALIM
38	T037	25	3.829216	101.404024	MAJLIS DAERAH TANJUNG MALIM
39	T038	30	3.829408	101.404224	MAJLIS DAERAH TANJUNG MALIM
40	T039	23	3.829553	101.404368	MAJLIS DAERAH TANJUNG MALIM
41	T040	21	3.829682	101.404498	MAJLIS DAERAH TANJUNG MALIM
42	T041	30	3.829736	101.404178	MAJLIS DAERAH TANJUNG MALIM
43	T042	35	3.829974	101.403954	MAJLIS DAERAH TANJUNG MALIM
44	T043	30	3.828331	101.403562	MAJLIS DAERAH TANJUNG MALIM
45	T044	30	3.828148	101.403365	MAJLIS DAERAH TANJUNG MALIM

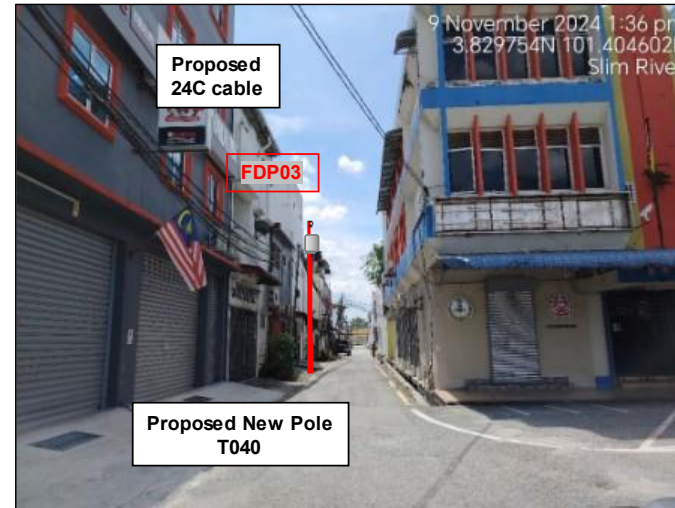
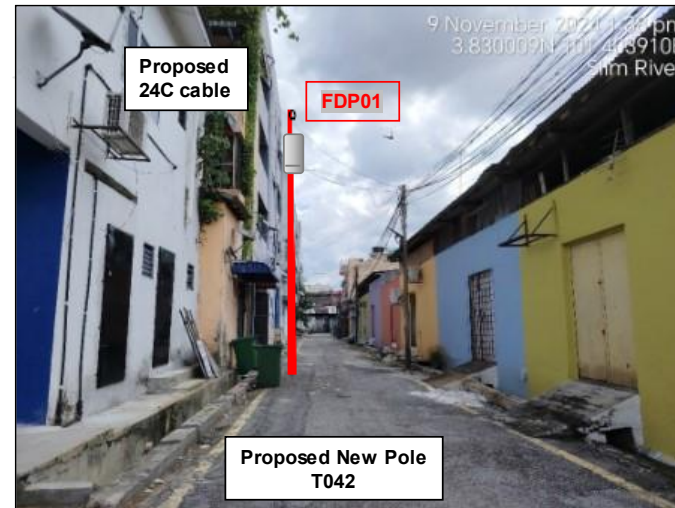
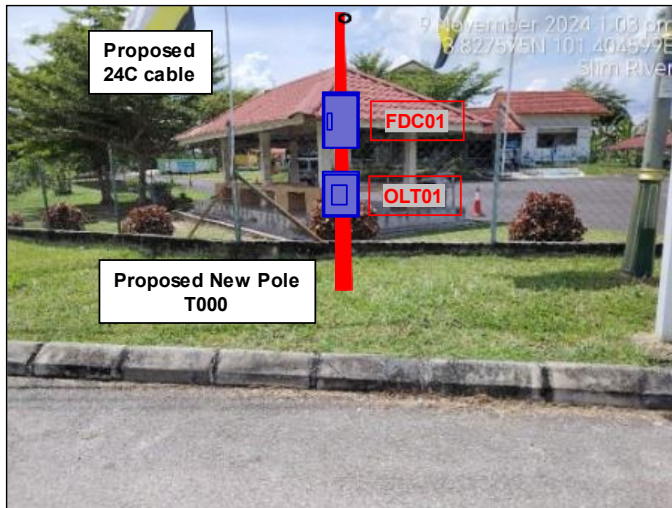


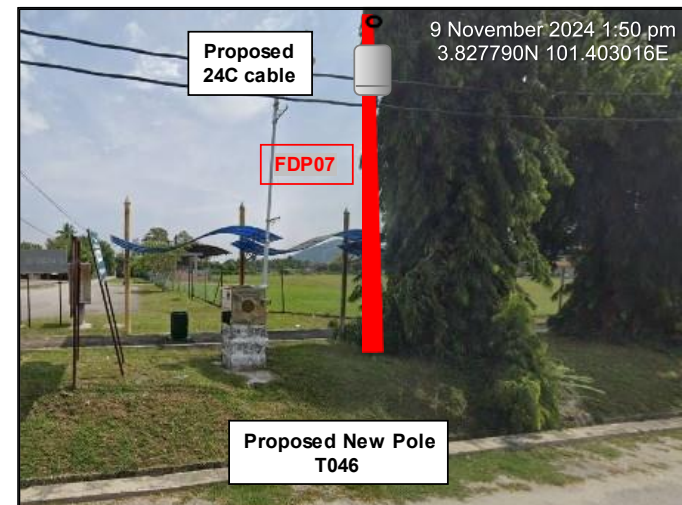
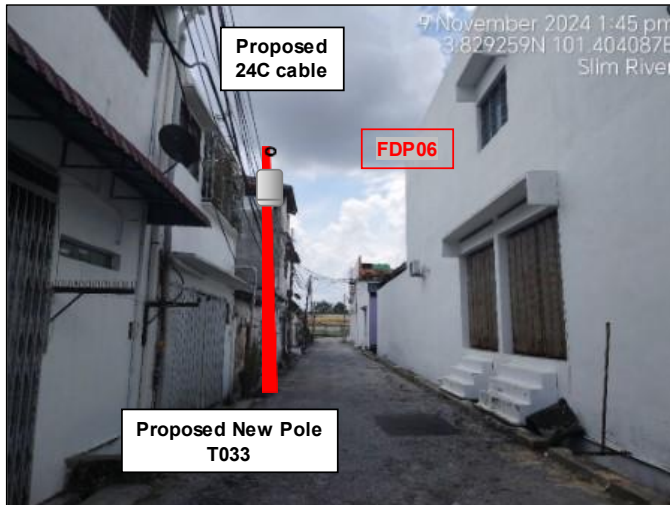
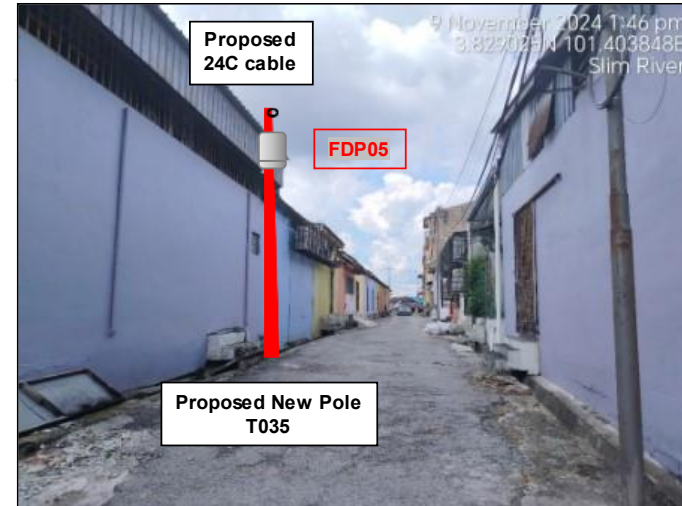
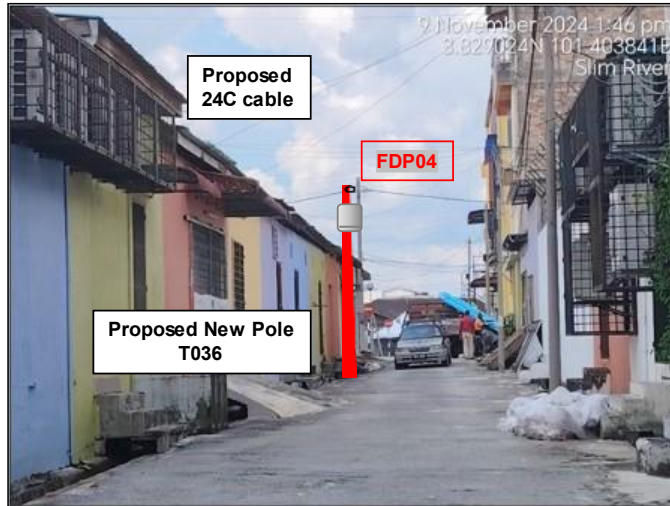
PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA (KKMM.400-11/17/132(1))

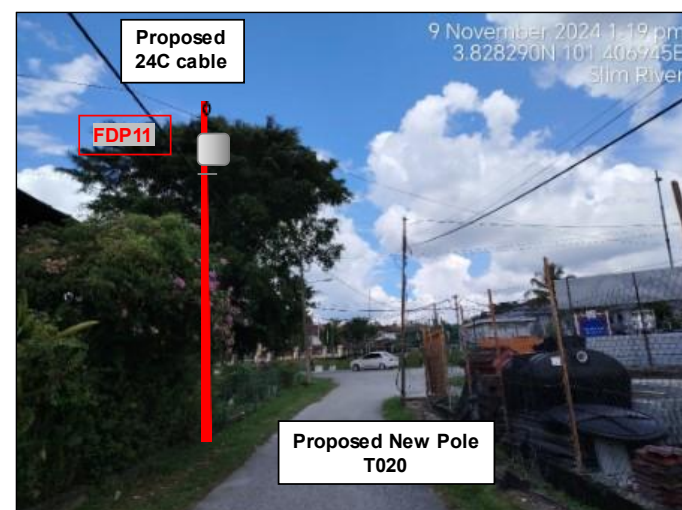
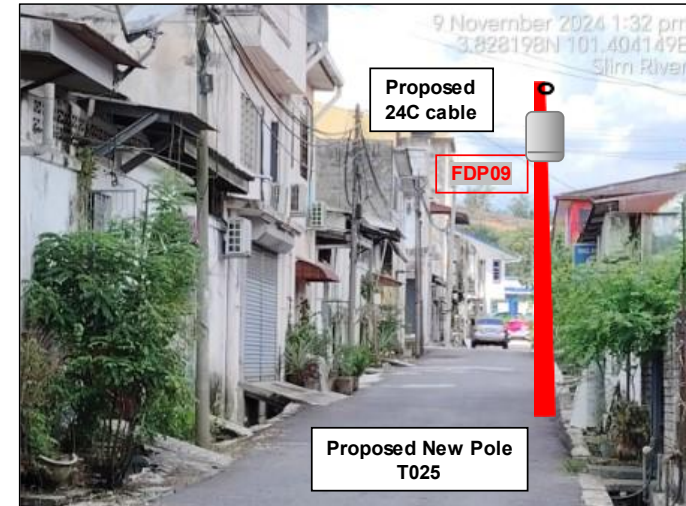


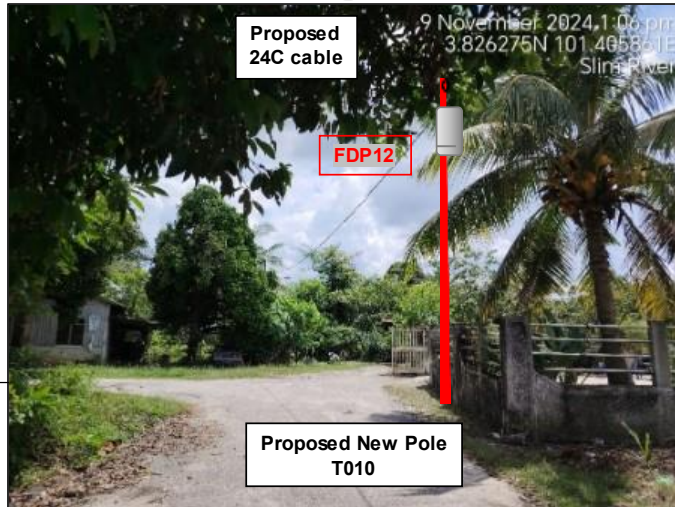
46	T045	30	3.827962	101.403180	MAJLIS DAERAH TANJUNG MALIM
47	T046	30	3.827779	101.402986	MAJLIS DAERAH TANJUNG MALIM

Site Photos – Proposed to install pole



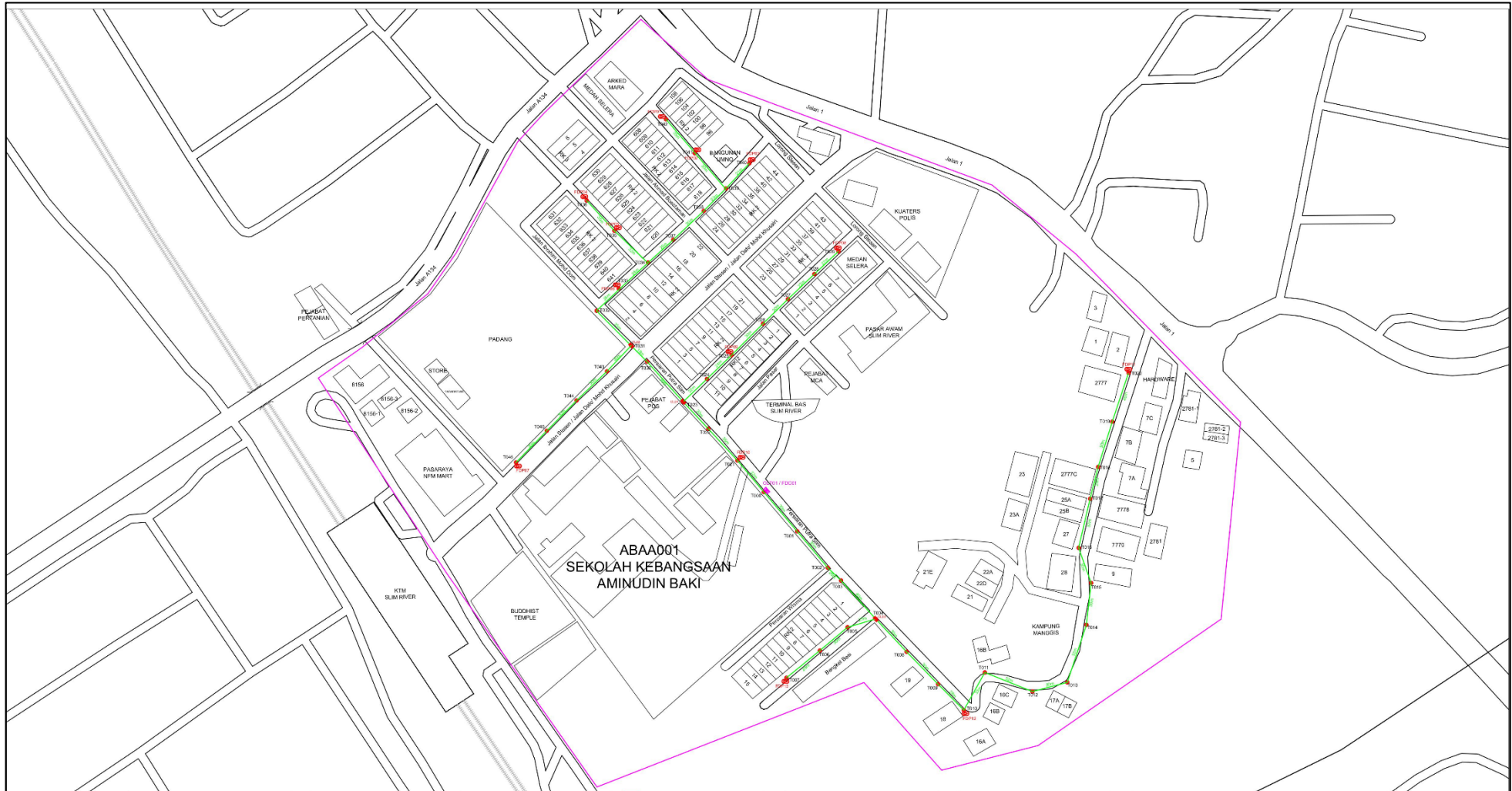






3rd Parties Dependencies

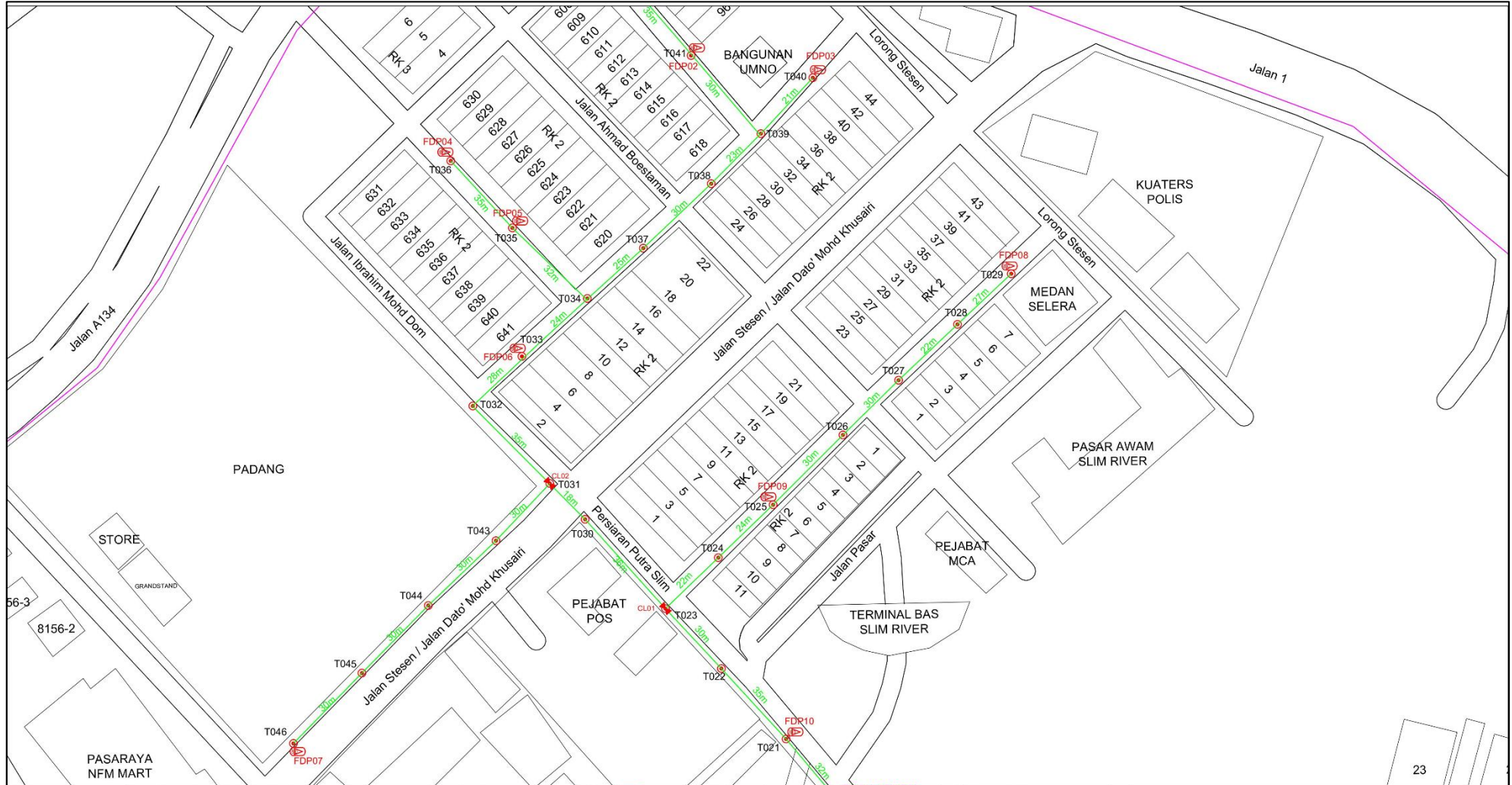
No.	Local Council/ Authority	Remark
1	Majlis Daerah Tanjung Malim	
2		
3		
4		
5		
6		



12C FDC	Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	Suspension	47	1030	New Manhole (PI)	Micro-trenching (Meter)	MHI	WH NO.
24C FDC	Installed Patch Cord	Installed Pole (7.3M)	Tension	87	107	New Manhole (RC7)	Temporary Infra (Meter)	TKS-1	Existing TNB Pole NO.
48C FDC	FDC	Installed Pole (6.7M)	Pole Ring	1.3	108	FDP Boundary	Loop / Coil (Meter)	85	New Pole NO.
96C FDC	Closure	Existing TNB Pole	FDP with (1:8) splitter	1.3	109	HDD (Meter)	Active Outdoor Cabinet	1	Closure NO.
144C FDC	Existing Closure	Insulated Rib	Existing Manhole		110	Open Cut (Meter)	FDC NO.	1	FDP NO.

ACTUAL HOMEPASS :

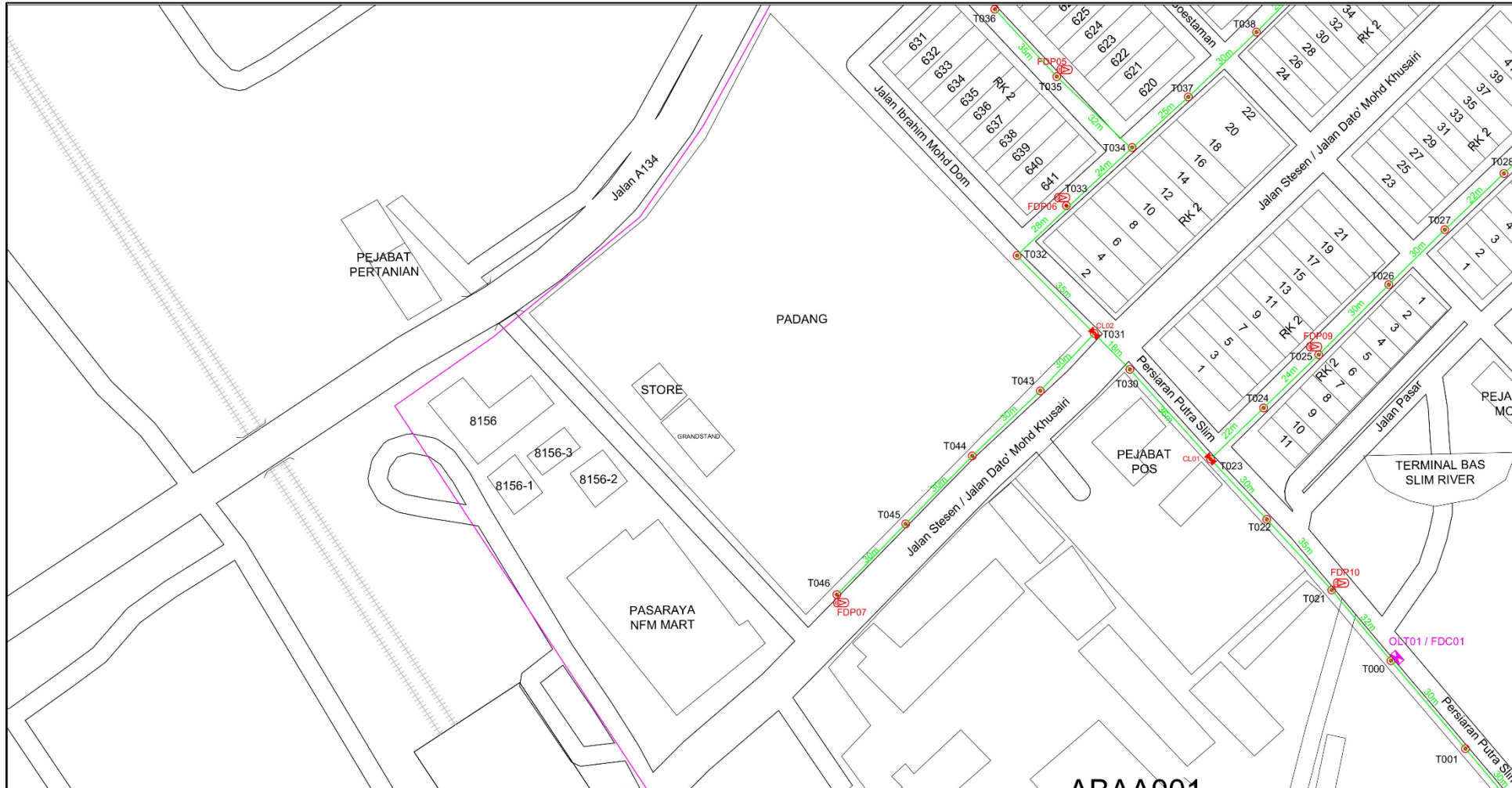
KEY PLAN:	PROJECT OWNER: APEX COMMUNICATIONS SDN BHD 187475-Y PRIVASAT	MAIN CONTRACTOR: STEADCOM A member of OCK Group Berhad	SUB-CONTRACTOR:	PROJECT TITLE: CONTRACTOR FOR SURVEY, TECHNICAL PROPOSAL AND WAYLEAVE & PERMIT APPROVAL - POP2 PROJECT	DRAWING TITLE: Construction Drawing ABAA001 SEK. KEBANGSAAN AMINUDIN BAKI	DESIGNER: Date : 18/11/2024 Scale : NTS Job Number : JOB/NUMBER
				PROJECT PHASE: POP 2	DRAWING NUMBER: ABAA001-CD-01	Sheet : 1/6
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12C FOC	Installed 1/4 / 1/8 / 1/32 splitter	Installed Pole (9m)	Suspension	New Manhole (11T)	Micro-trenching (Meter)	MH1	MH NO.
24C FOC	Installed Patch Cord	Installed Pole (7.5M)	Tension	New Manhole(JRC7)	Temporary In'ro (Meter)	TKS-1	Existing TNB Pole NO.
48C FOC	FDC	Installed Pole (6.5M)	Pole Ring	FDP Boundary	Loop / Coil (Meter)	PO01	New Pole NO.
96C FOC	Closure	Existing TNB Pole	FD* with (1/8) splitter	FDD (Meter)	Active Outdoor Cabinet	CU1	Closure NO.
144C FOC	Existing Closure	Installed Riser	Existing Manhole	Open Cut (Meter)	FDC NO.	DPI	FDP NO.

ACTUAL HOMEPASS :

KEY PLAN:	PROJECT OWNER: APEX COMMUNICATIONS SDN BHD 187475-V PRIVASAT	MAIN CONTRACTOR: STEADCOM A member of OCK Group Berhad	SUB-CONTRACTOR:	PROJECT TITLE: CONTRACTOR FOR SURVEY, TECHNICAL PROPOSAL AND WAYLEAVE & PERMIT APPROVAL -POP2 PROJECT	DRAWING TITLE: Construction Drawing ABAA001 SEK.KEBANGSAAN AMINUDIN BAKI	Design By : Date : 18/11/2024	Drawn By : Scale : NTS
				PROJECT PHASE: POP 2		Checked By : Job Number : JOB/NUMBER	Sheet : 2/6
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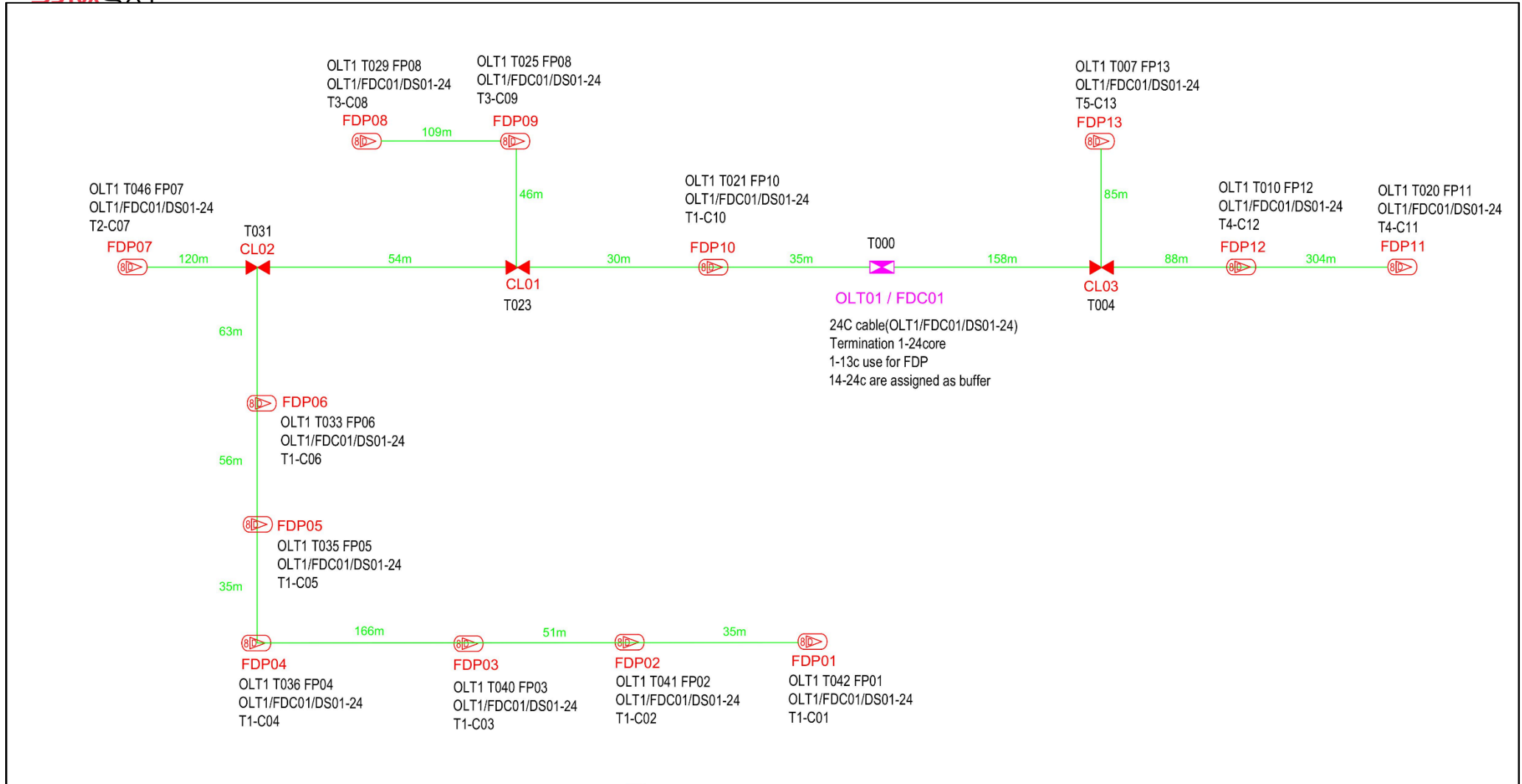
<table border="1"> <tr><td>12C FOC</td><td>Instalac 1/4 / 1/8 / 1/32 splitter</td><td>Installed Pole (9m)</td><td>Suspension</td><td>47</td><td>UB01</td><td>New Manhole (T)</td><td>Micro-renching (vector)</td><td>MHI</td><td>VH NO.</td></tr> <tr><td>24C FOC 1520m</td><td>Instalac Patch Cord</td><td>Installed Pole (7.5M)</td><td>Tension</td><td>87</td><td>UB02</td><td>New Manhole(RC?)</td><td>Temporary Intro (Meter)</td><td>TKS-1</td><td>Existing TMB Pole NO.</td></tr> <tr><td>48C FOC</td><td>FDC</td><td>Installed Pole (6.7M)</td><td>Pole Ring</td><td>13</td><td>UB03</td><td>FDP Boundary</td><td>Loop / Csi (Meter)</td><td>P001</td><td>New Pole NO.</td></tr> <tr><td>96C FOC</td><td>Closure</td><td>Existing INR Pole</td><td>FDP with (1:8) splitter</td><td>13</td><td>UB04</td><td>HDD (Meter)</td><td>Active Outdoor Cabinet</td><td>CL01</td><td>Closure NO.</td></tr> <tr><td>144C FOC</td><td>Existing Closure</td><td>Installed Risar</td><td>Existing Manhole</td><td></td><td>UB05</td><td>Open Cut (Meter)</td><td>FDC NO.</td><td>DP1</td><td>FDP NO.</td></tr> </table>	12C FOC	Instalac 1/4 / 1/8 / 1/32 splitter	Installed Pole (9m)	Suspension	47	UB01	New Manhole (T)	Micro-renching (vector)	MHI	VH NO.	24C FOC 1520m	Instalac Patch Cord	Installed Pole (7.5M)	Tension	87	UB02	New Manhole(RC?)	Temporary Intro (Meter)	TKS-1	Existing TMB Pole NO.	48C FOC	FDC	Installed Pole (6.7M)	Pole Ring	13	UB03	FDP Boundary	Loop / Csi (Meter)	P001	New Pole NO.	96C FOC	Closure	Existing INR Pole	FDP with (1:8) splitter	13	UB04	HDD (Meter)	Active Outdoor Cabinet	CL01	Closure NO.	144C FOC	Existing Closure	Installed Risar	Existing Manhole		UB05	Open Cut (Meter)	FDC NO.	DP1	FDP NO.	<p>KEY PLAN:</p>	<p>PROJECT OWNER:</p> <p>APEX COMMUNICATIONS SDN BHD 187475-V</p> <p>PRIVASAT</p>	<p>MAIN CONTRACTOR:</p> <p>STEADCOM A member of OCK Group Berhad</p>	<p>SUB-CONTRACTOR:</p>	<p>PROJECT TITLE:</p> <p>CONTRACTOR FOR SURVEY, TECHNICAL PROPOSAL AND WAYLEAVE & PERMIT APPROVAL -POP2 PROJECT</p>	<p>DRAWING TITLE:</p> <p>Construction Drawing ABAA001 SEK.KEBANGSAAN AMINUDIN BAKI</p> <p>PROJECT PHASE: POP 2</p>	<p>Design By : Date : 18/11/2024</p> <p>Drawn By : Scale : NTS</p> <p>Checked By : Job Number : JOB/NUMBER</p> <p>DRAWING NUMBER : ABAA001-CD-01</p> <p>Sheet : 4/6</p> <p>THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF STEADCOM SDN BHD</p> <p>Size : A3</p>
12C FOC	Instalac 1/4 / 1/8 / 1/32 splitter	Installed Pole (9m)	Suspension	47	UB01	New Manhole (T)	Micro-renching (vector)	MHI	VH NO.																																																
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96C FOC	Closure	Existing INR Pole	FDP with (1:8) splitter	13	UB04	HDD (Meter)	Active Outdoor Cabinet	CL01	Closure NO.																																																
144C FOC	Existing Closure	Installed Risar	Existing Manhole		UB05	Open Cut (Meter)	FDC NO.	DP1	FDP NO.																																																



12C FDC	Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	8	Suspension	47	MS0	New Manhole (T1)	Micro-trenching (Meter)	MH	MH NO.	
24C FDC	1520m Installed Patch Cord	Installed Pole (7.5M)	47	Tension	57	CT	New Manhole(DRC7)	Temporary wire (Meter)	TKS-1	Existing T1B Pole NO.	
46C FDC	FDC	Installed Pole (6.7M)	13	Pole Ring	13		FDP Boundary	Loop / Coil (Meter)	85	PO01	New Pole NO.
95C FDC	Closure	Existing INB Pole	13	FDP with (1:8) splitter	13		HDD (Meter)	Active Outdoor Cabinet	CL01	Closure NO.	
144C FDC	Existing Closure	Installed Riser		Existing Manhole			Open Cut (Meter)	FDC NO.	DP1	FDP NO.	

ACTUAL HOMEPASS :

KEY PLAN:	PROJECT OWNER: APEX COMMUNICATIONS SDN BHD 187475-V PRIVASAT	MAIN CONTRACTOR: STEADCOM A member of OCK Group Berhad	SUB CONTRACTOR:	PROJECT TITLE: CONTRACTOR FOR SURVEY, TECHNICAL PROPOSAL AND WAYLEAVE & PERMIT APPROVAL - POP2 PROJECT	DRAWING TITLE: Construction Drawing ABAA001 SEK.KEBANGSAAN AMINUDIN BAKI	Design By : Drawn By : Checked By : DRAWING NUMBER : ABAA001-CD-01 PROJECT PHASE: POP 2	Date : 18/11/2024 Scale : N1S Job Number : JOB/NUMBER Sheet : 5/6 THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF STEADCOM SDN BHD	Size : A3
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OLT01 / FDC01
 24C cable(OLT1/FDC01/DS01-24)
 Termination 1-24core
 1-13c use for FDP
 14-24c are assigned as buffer

	12C FOC	Installed 1:4 / 1:8 / 1:32 splitter		Installed Pole (9m)	47		New Manhole (PIT)		Micro-trenching (Meter)		MH NO.	
	24C FOC	1520m Installed Patch Cord		Installed Pole (7.5M)	47		New Manhole(JRC7)		Temporary infra (Meter)		Existing TNB Pole NO.	
	48C FOC	FDC		Installed Pole (6.7M)	13		FDP Boundary		Loop / Coil (Meter)	85		New Pole NO.
	96C FOC	Closure		Existing TNB Pole	13		FDD (Meter)		Active Outdoor Cabinet			Closure NO.
	144C FOC	Existing Closure		Installed Risar			Open Cut (Meter)		FDC NO.			FDP NO.

ACTUAL HOMEPASS :

<p>KLY PLAN:</p> <p>PRIVASAT</p>	<p>PROJECT OWNER:</p> <p>PRIVASAT</p>	<p>MAIN CONTRACTOR:</p> <p>A member of OCK Group Berhad</p>	<p>SUB-CONTRACTOR:</p>	<p>PROJECT TITLE:</p> <p>CONTRACTOR FOR SURVEY, TECHNICAL PROPOSAL AND WAYLEAVE & PERMIT APPROVAL -POP2 PROJECT</p>	<p>DRAWING TITLE:</p> <p>SLD Drawing ABAA001 SEK.KEBANGSAAN AMINUDIN BAKI</p> <p>PROJECT PHASE:</p> <p>POP 2</p>	<p>Design By : _____ Date : 18/11/2024</p> <p>Drawn By : _____ Scale : NTS</p> <p>Checked By : _____ Job Number : _____</p> <p>DRAWING NUMBER : ABAA001-CD-01</p> <p>Sheet : 1/1</p> <p>THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF STEADCOM SDN BHD</p> <p>Size : A3</p>
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