

## TECHNICAL PROPOSAL POP2 ABA8220 SEKOLAH KEBANGSAAN BUKIT CHUPAK (D-SIDE)

Company Name	:	WCWL COMMUNICATIONS SDN BHD
Company Address	:	127, Jalan PUJ 3/3, Taman Puncak Jalil 43300 Subang Jaya Selangor
Prepared By	:	Nur Syahidah Izzatie
Date	:	16/12/2024



POINT A

POINT B

**Starting Point**

Site / Boundary Name	:	SEKOLAH KEBANGSAAN BUKIT CHUPAK
Address	:	No. 1, Kampung Bukit Chupak
District	:	Parit
Postcode	:	32800
State	:	Perak
GPS Coordinate	:	4.443778, 100.906403
LRD	:	A

**End Point**

Site / Boundary Name	:	SEKOLAH KEBANGSAAN BUKIT CHUPAK
Address	:	A17
District	:	Parit
Postcode	:	32800
State	:	Perak
GPS Coordinate	:	4.465046, 100.905935
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))



### Work Summary

No	Proposed Distance and Method	Unit	Qty
1	Horizontal Directional Drilling (HDD)	m	<b>60</b>
2	Carriage Way Open trench (CW)	m	<b>0</b>
3	Grass Verge Open Trenching (GV)	m	<b>0</b>
4	Micro trenching (MT)	m	<b>0</b>
	Total		<b>60</b>

	Other Information	Unit	Qty
1	Proposed Manhole	EA	<b>2</b>
2	Proposed Pole	EA	<b>76</b>
3	Joint Closure	EA	<b>1</b>
4	Estimated time required for completion	days	<b>30</b>



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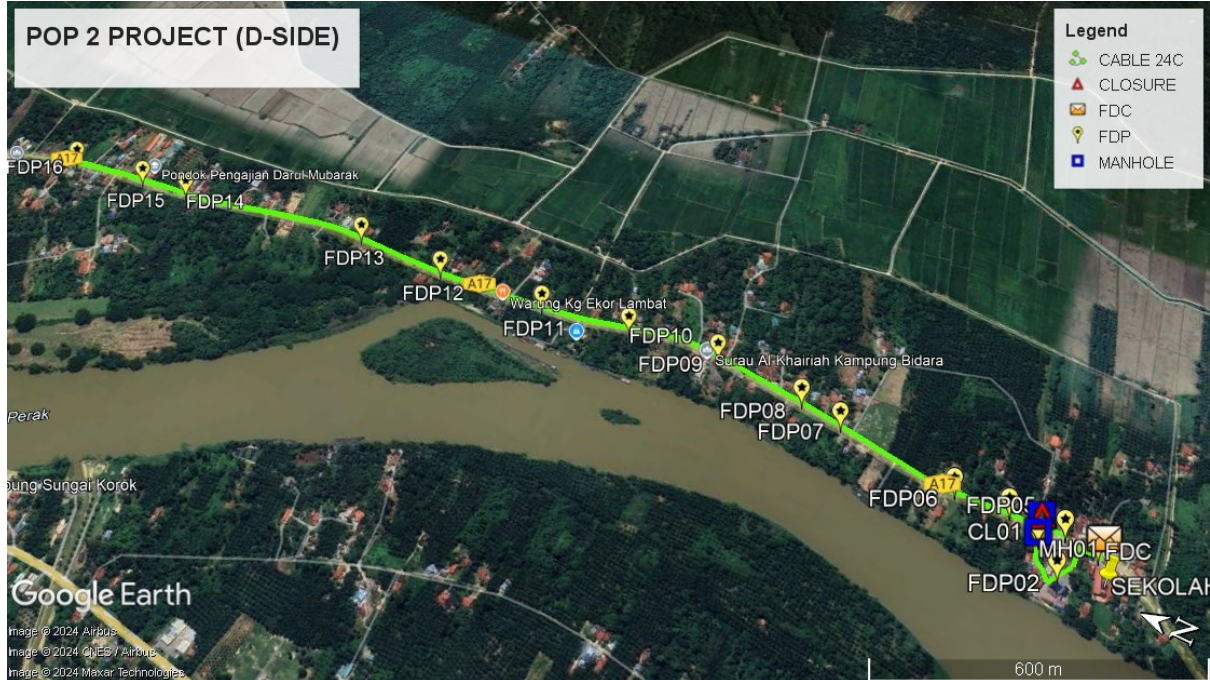
### Local Authority Summary

#### 1. Daerah Perak Tengah

Bil	Items	Owner	Quantity	Distance(m)
1	HDD	JKR	1	60m
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	70pcs	2305m
		Majlis	6pcs	230m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				2595m

Site Plan – KMZ (Overview site area)

Proposed FDP and Closure



Proposed New Pole



**Site Plan – KMZ Routing (All Local Authority)**

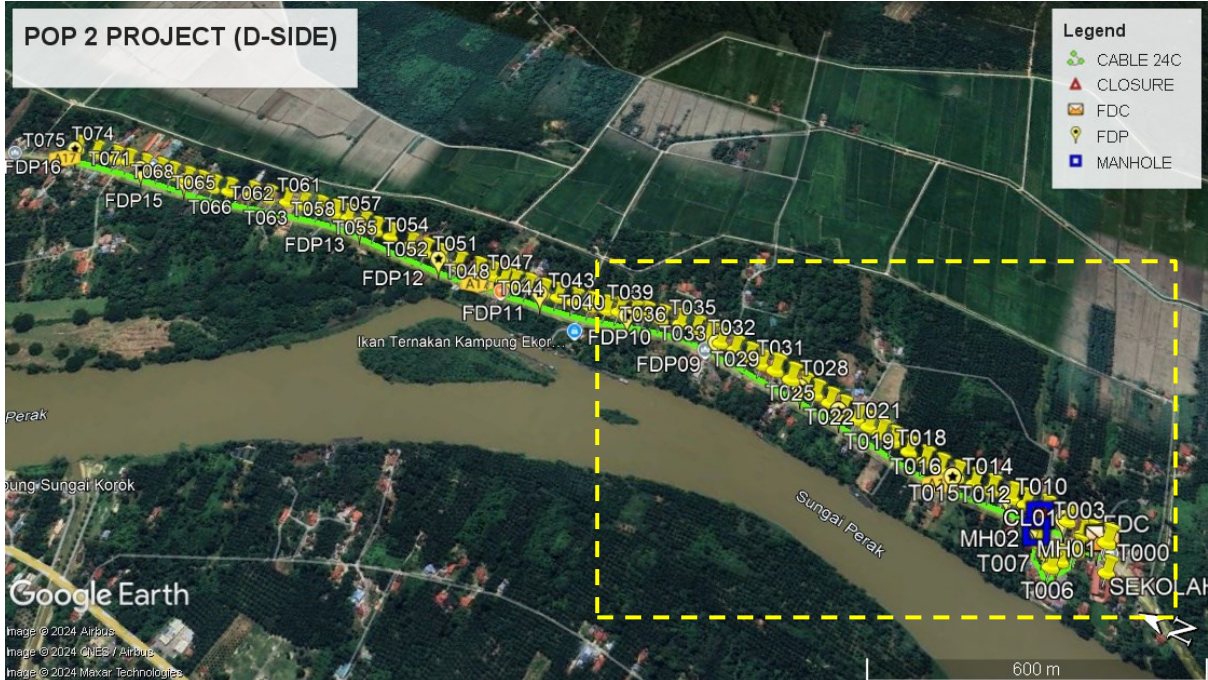


**Red – JKR Perak**

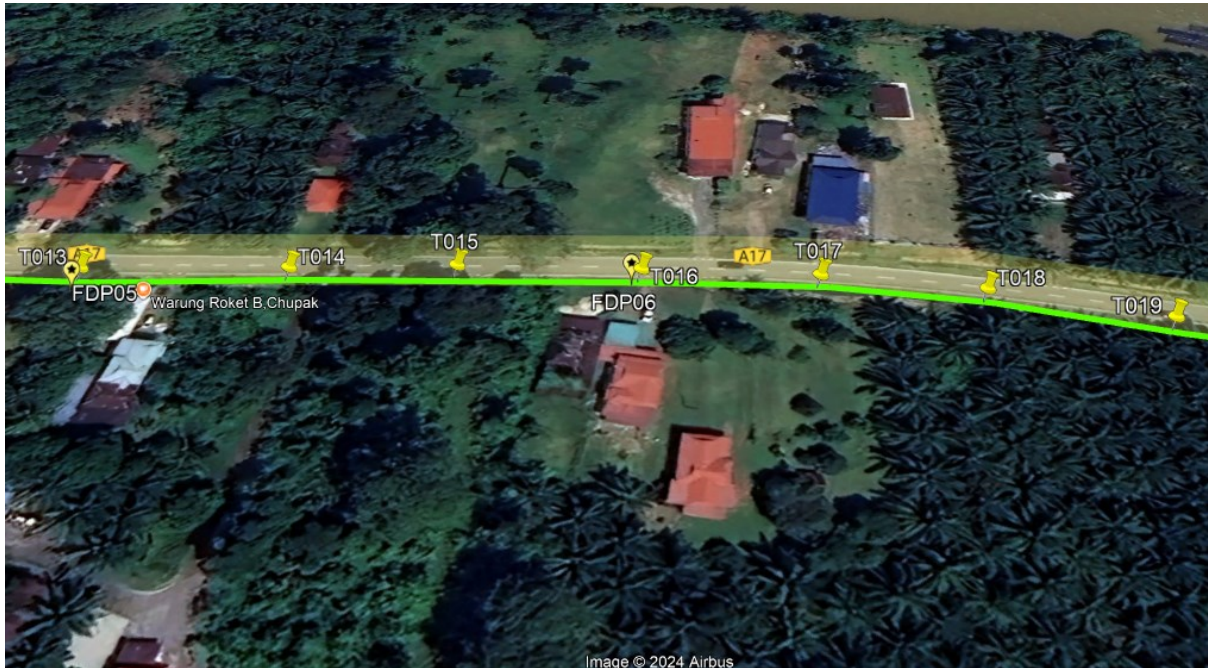
**Blue - Majlis Perbandaran Perak Tengah**

Site Plan – KMZ Routing (All site area)

Route 1



Route 1.1



**Route 1.2**



**Route 1.3**

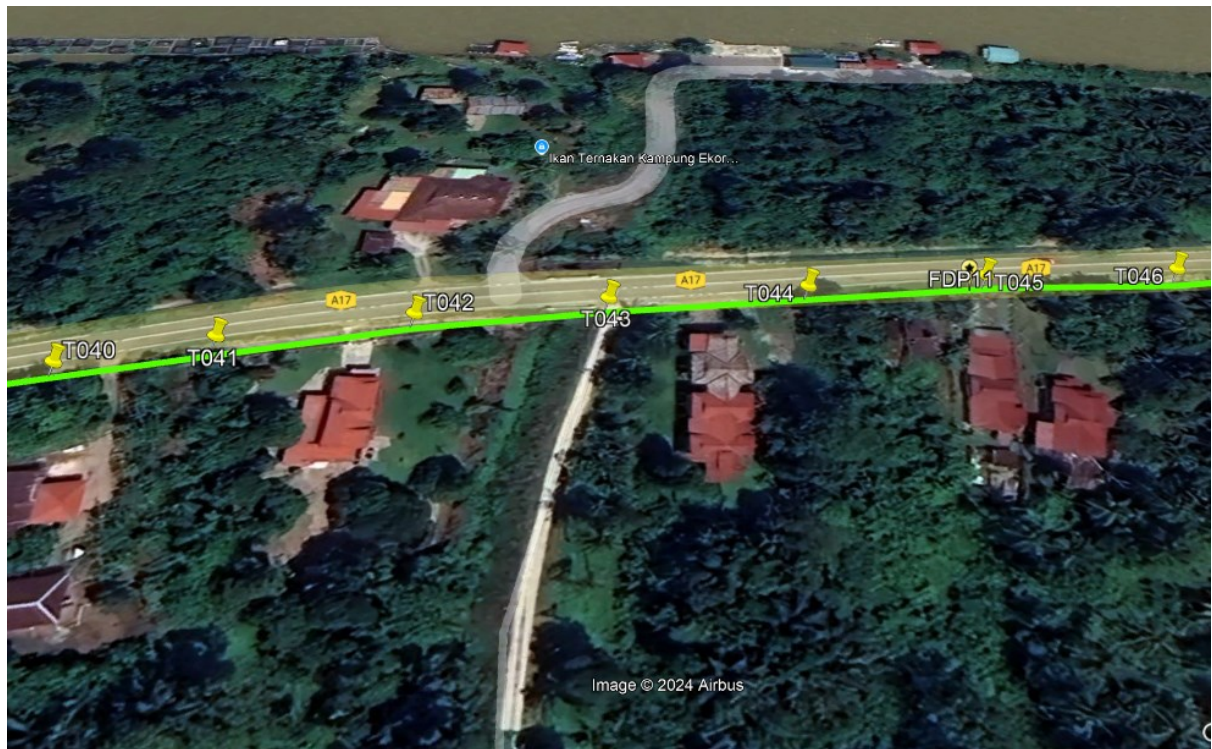
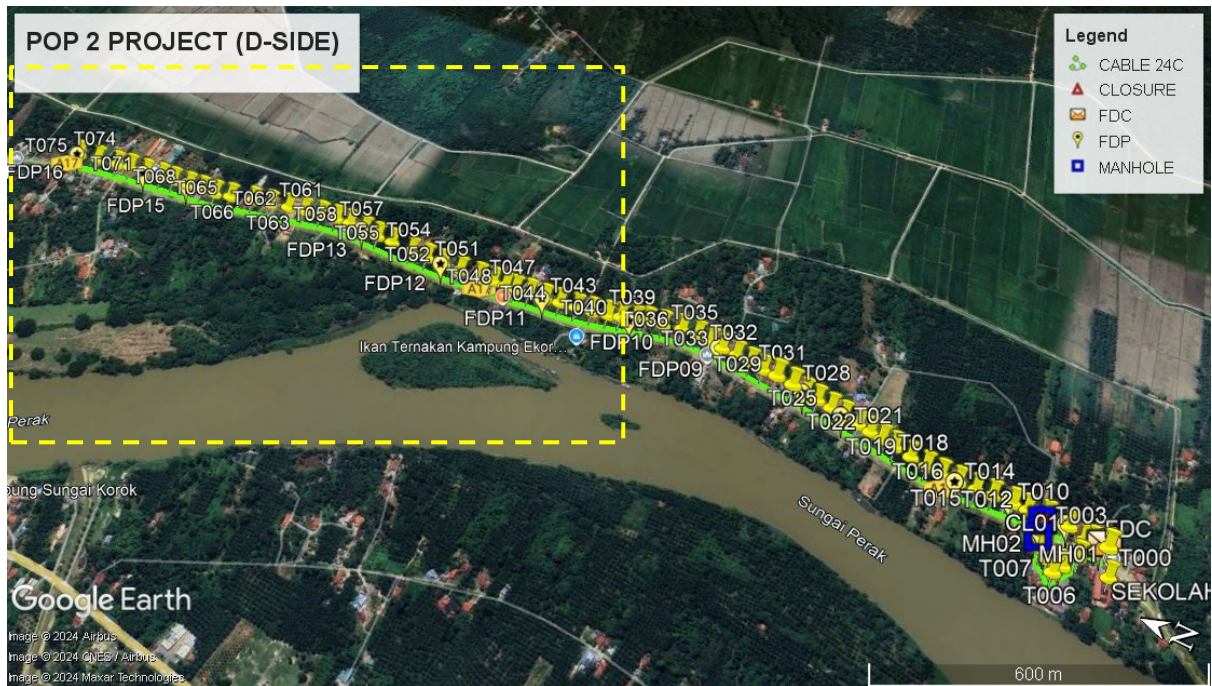


Route 1.4

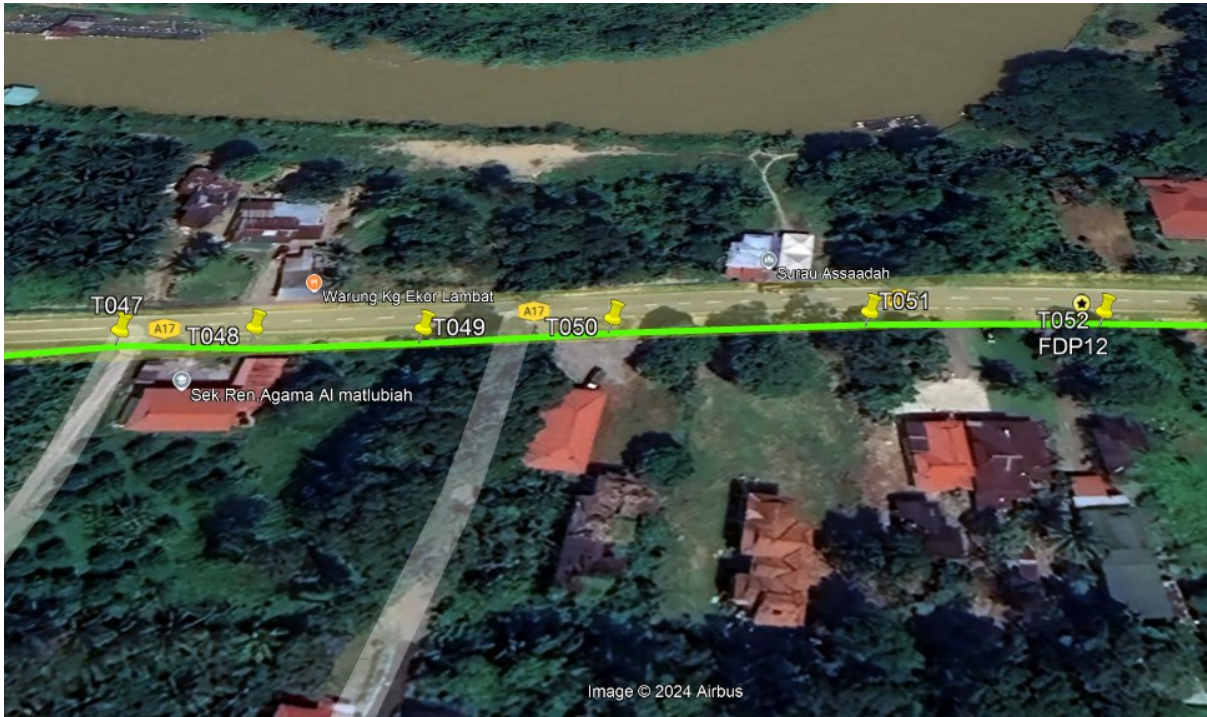


Route 1.5

Route 2



Route 2.1



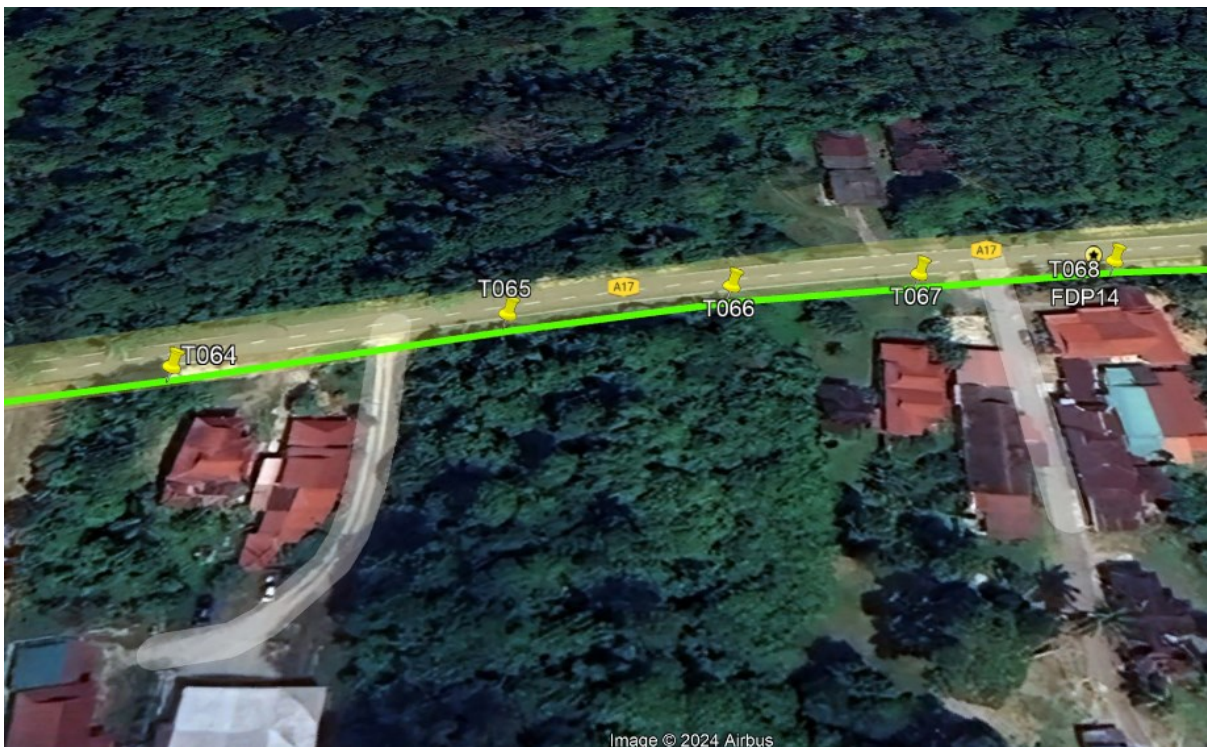
**Route 2.2**



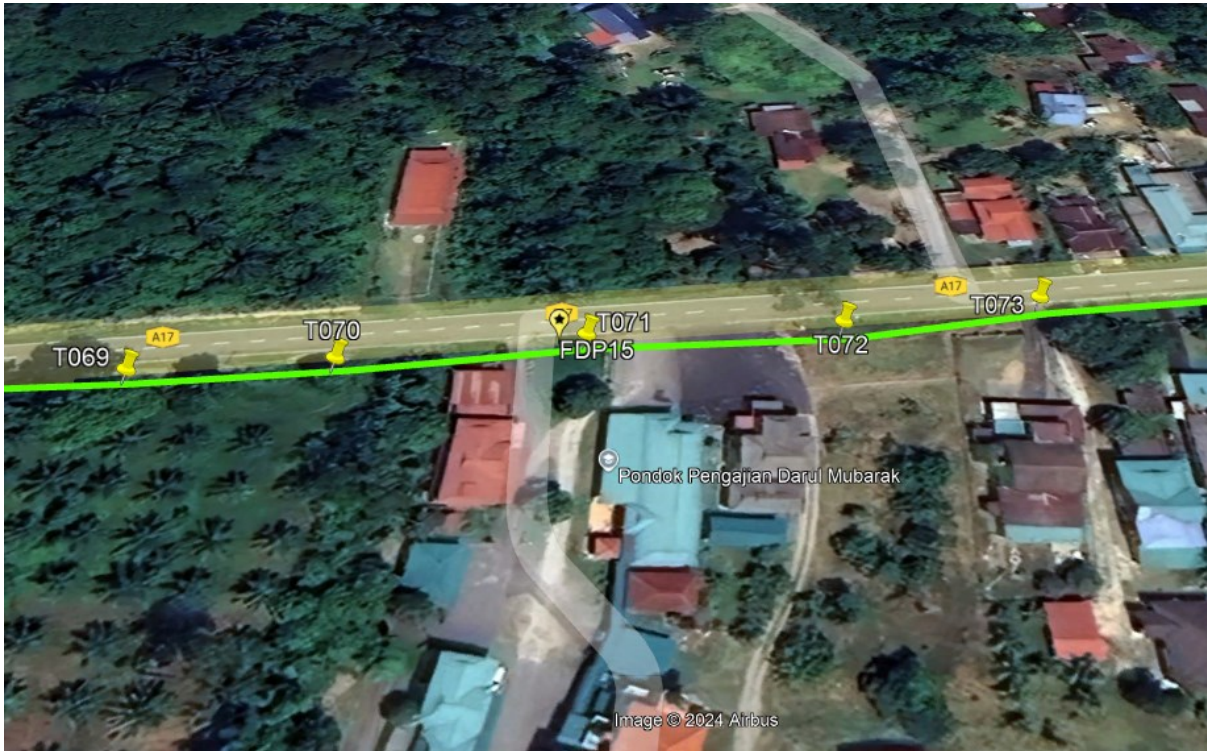
**Route 2.3**



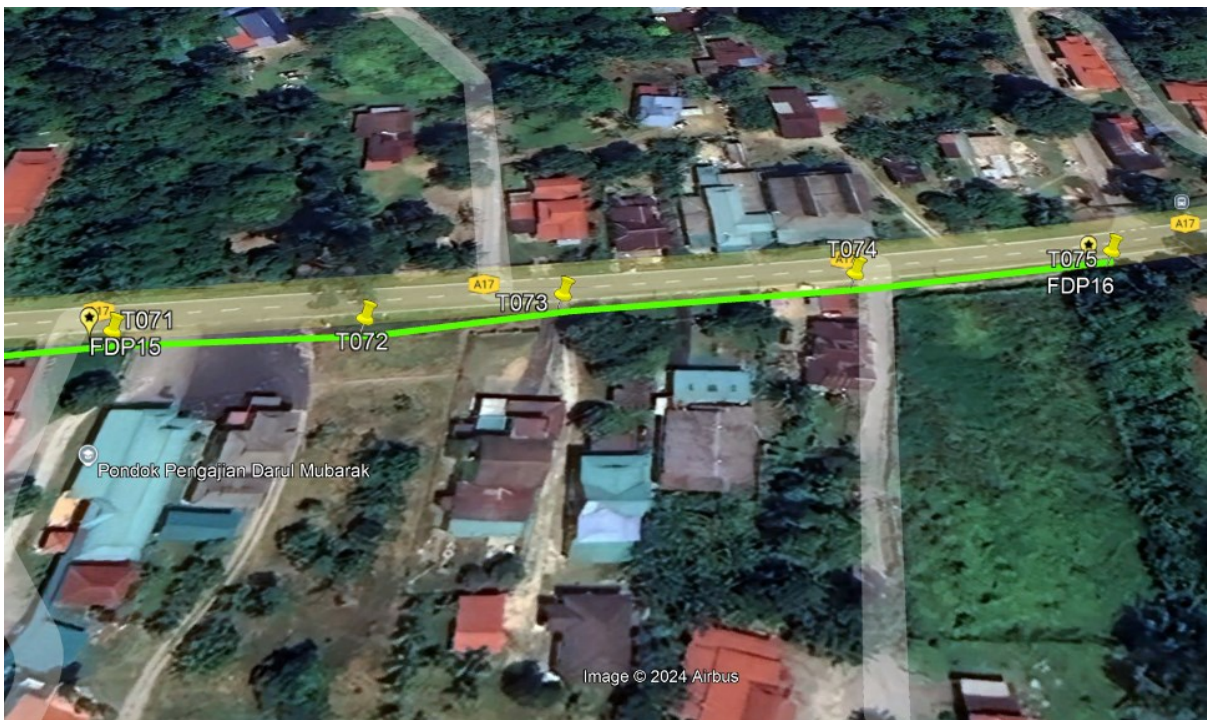
Route 2.4



Route 2.5



**Route 2.6**



**Route 2.7**

Site Plan – KMZ Routing (Prop New Manhole)

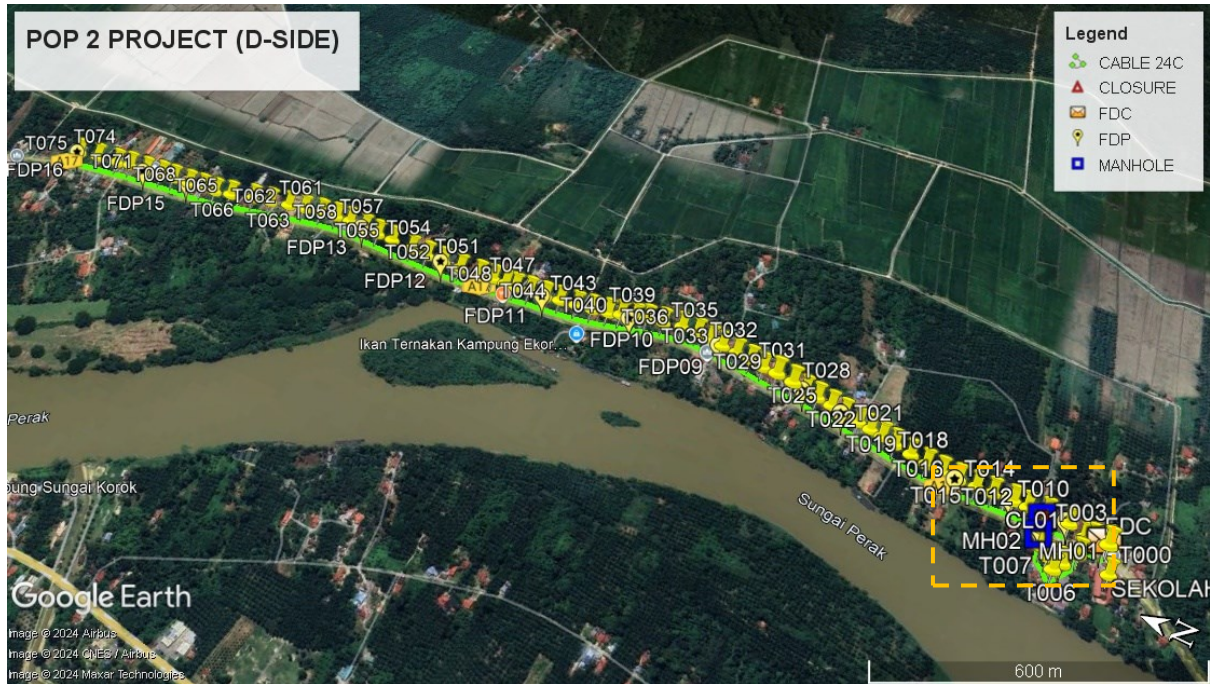


Figure 1: Location 1 (MH1- 4.444855, 100.906224) (MH2- 4.444871, 100.906550)

**KMZ Plan**



Figure 2: Location 1 (MH1- 4.444855, 100.906224) (MH2- 4.444871, 100.906550)

**Site Plan – Google Map (routing plan, Manhole)**





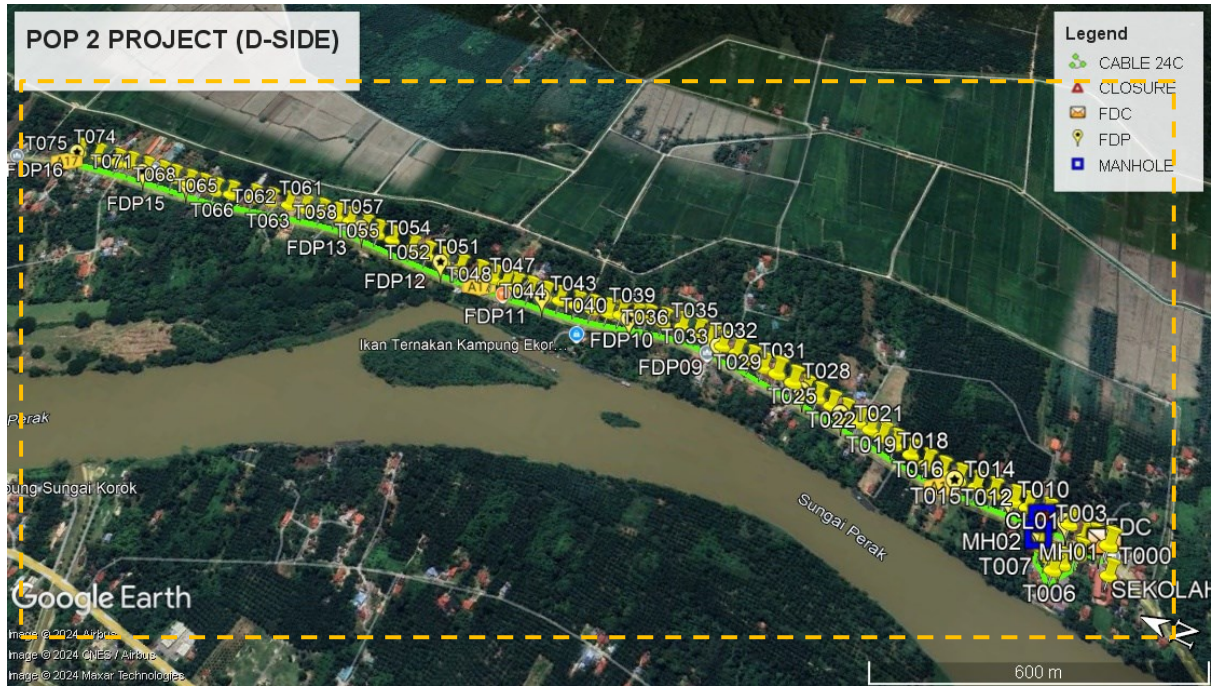
PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA (KKMM.400-11/17/132(1))



**Proposed New Manhole Lat & Long Table**

PROPOSED MANHOLE COORDINATE		
MANHOLE NUMBER	LATITUDE	LONGITUDE
MH01	4.444855	100.906224
MH02	4.444871	100.906550

Site Plan – KMZ Routing (Proposed New Pole)



**Overall Pole (Proposed New)**

No.	Pole & Manhole ID	Distance	Latitude	Longitude	Local Authority
1	T000	0.00	4.443786607	100.9064004	JKR Perak
2	T001	10.72	4.443882669	100.9063933	JKR Perak
3	T002	19.33	4.44405562	100.9064083	JKR Perak
4	T003	15.21	4.444189637	100.9063817	JKR Perak
5	T004	37.66	4.444216452	100.9060445	Majlis Perbandaran Perak Tengah
6	T005	38.30	4.444419617	100.9057668	Majlis Perbandaran Perak Tengah
7	T006	23.33	4.444546797	100.9056002	Majlis Perbandaran Perak Tengah
8	T007	24.55	4.444674127	100.9057802	Majlis Perbandaran Perak Tengah
9	T008	20.94	4.444807983	100.9059124	Majlis Perbandaran Perak Tengah
10	T009	37.09	4.444859933	100.9062415	Majlis Perbandaran Perak Tengah
11	T010	33.23	4.444865358	100.90654	JKR Perak
12	T011	44.29	4.444467871	100.9065229	JKR Perak
13	T012	79.71	4.445183887	100.9065148	JKR Perak
14	T013	27.77	4.445433089	100.9065256	JKR Perak
15	T014	39.98	4.445792144	100.9065198	JKR Perak
16	T015	32.19	4.446081089	100.9065095	JKR Perak
17	T016	35.51	4.446400002	100.9065158	JKR Perak
18	T017	34.23	4.446707288	100.9065263	JKR Perak
19	T018	31.31	4.446986643	100.9065589	JKR Perak
20	T019	33.90	4.447283847	100.9066253	JKR Perak
21	T020	36.10	4.447600984	100.9066929	JKR Perak
22	T021	28.07	4.447848789	100.9067395	JKR Perak
23	T022	26.50	4.448081895	100.9067879	JKR Perak
24	T023	26.77	4.448317022	100.9068383	JKR Perak
25	T024	33.17	4.448610048	100.9068923	JKR Perak
26	T025	29.57	4.448869718	100.9069481	JKR Perak
27	T026	31.75	4.449150665	100.9069972	JKR Perak
28	T027	28.60	4.449402673	100.9070472	JKR Perak
29	T028	28.63	4.449657878	100.9070789	JKR Perak
30	T029	37.11	4.449987611	100.9071278	JKR Perak
31	T030	31.74	4.45027034	100.9071646	JKR Perak
32	T031	29.69	4.450533147	100.9072099	JKR Perak
33	T032	33.02	4.450826736	100.9072523	JKR Perak
34	T033	32.90	4.451121332	100.907276	JKR Perak
35	T034	28.42	4.451373514	100.907316	JKR Perak

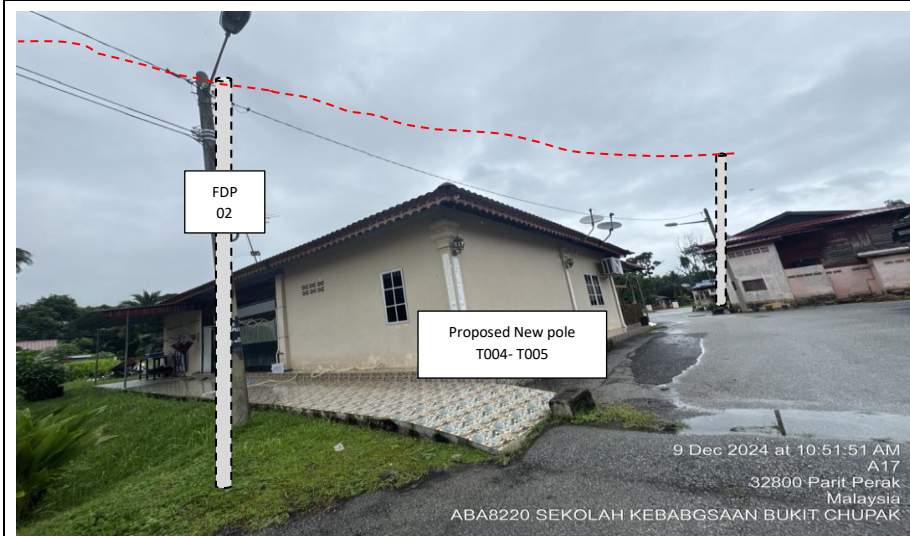
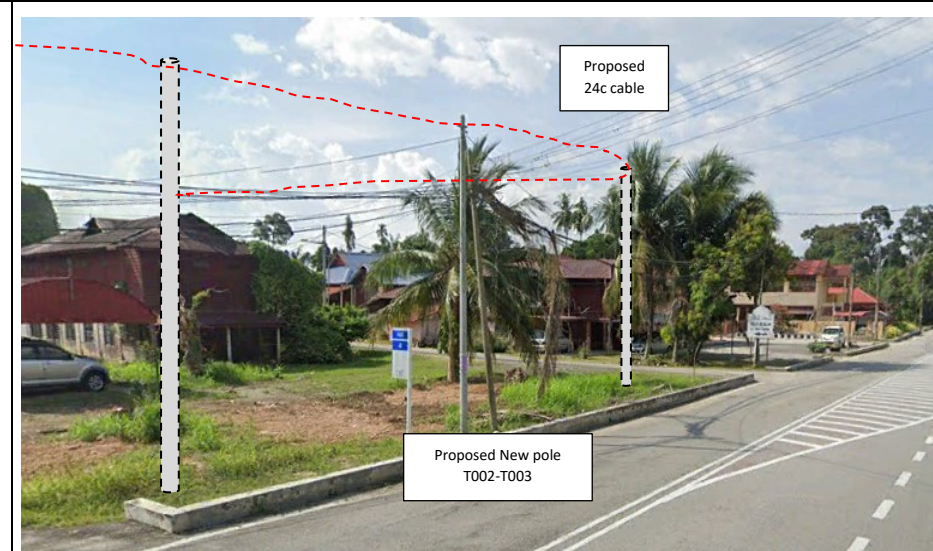
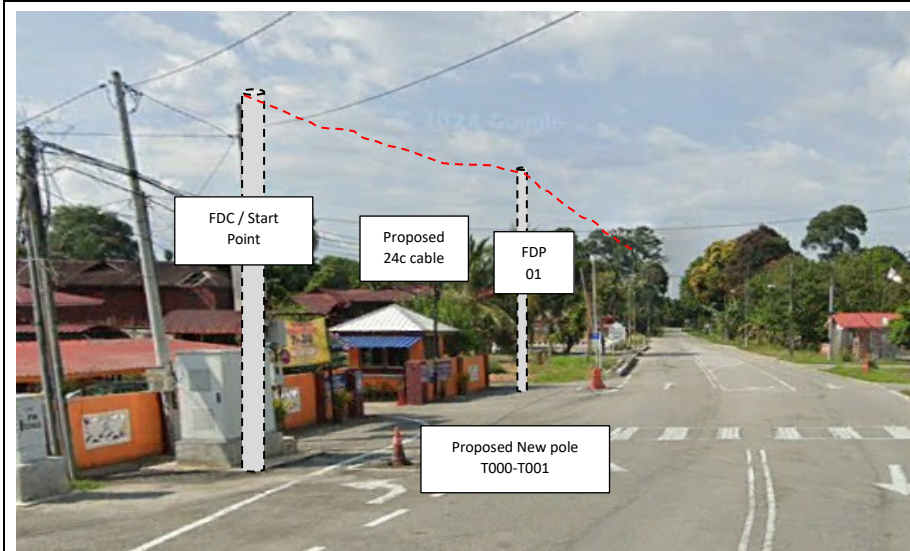


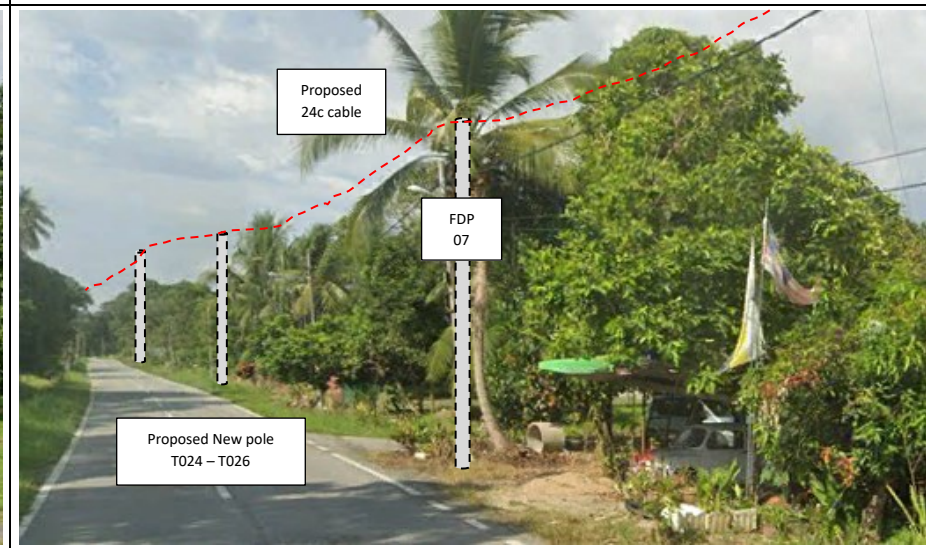
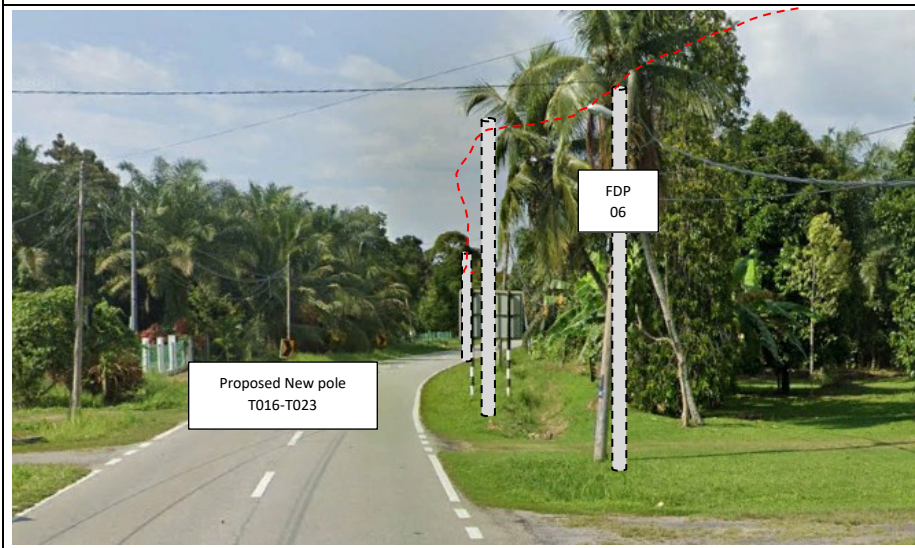
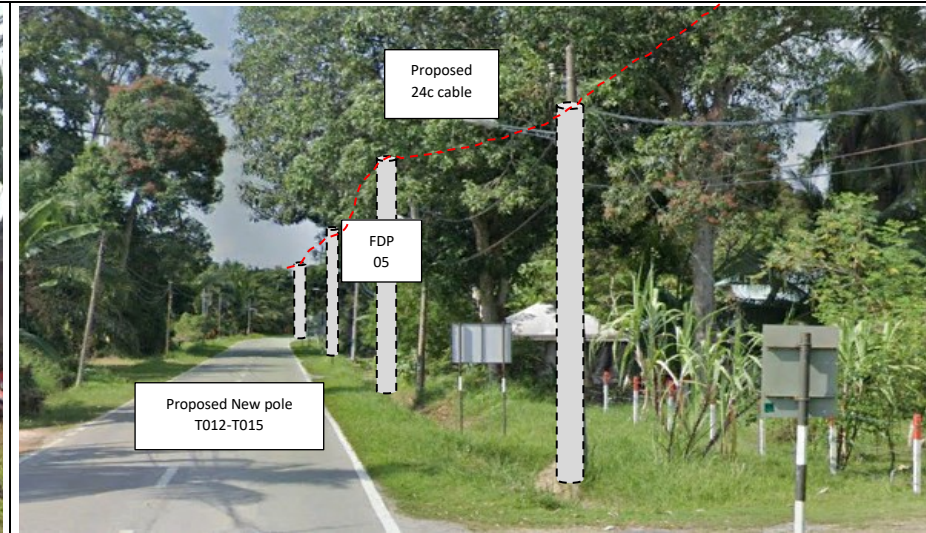
PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA (KKMM.400-11/17/132(1))

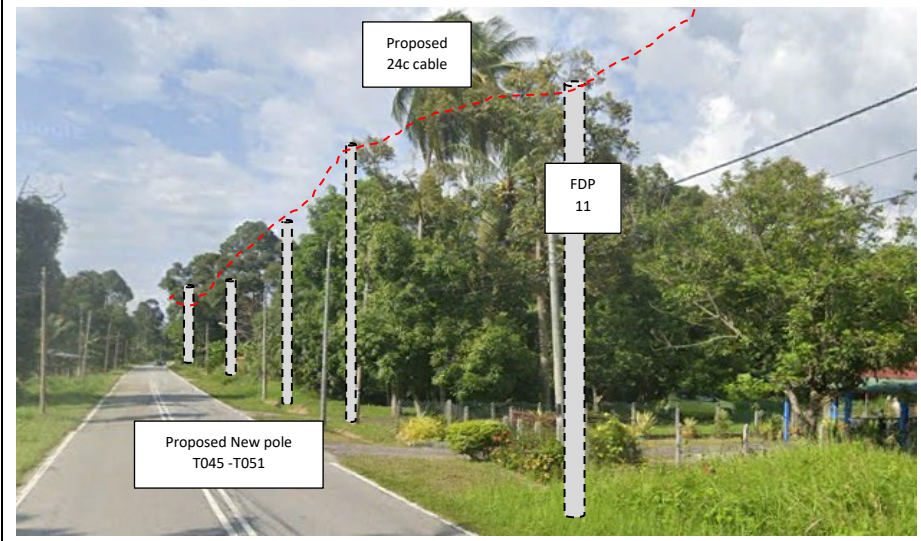
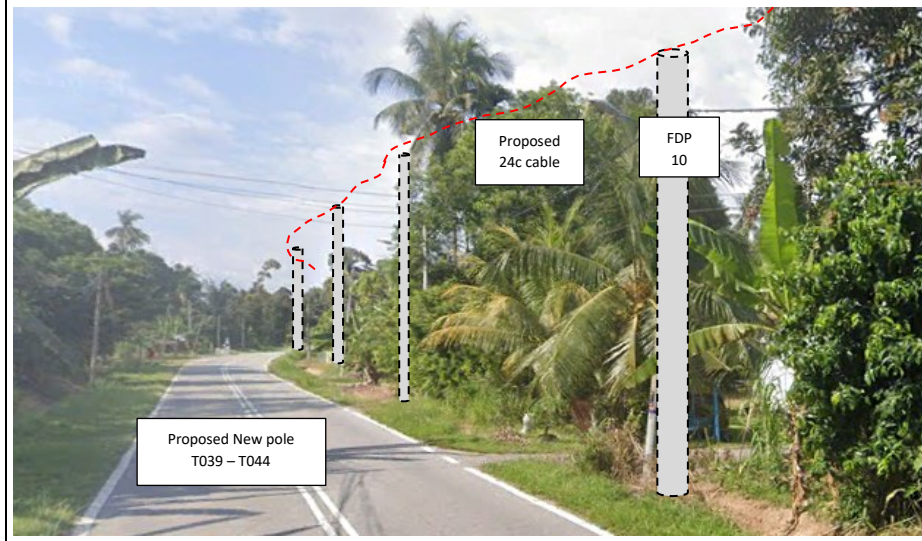
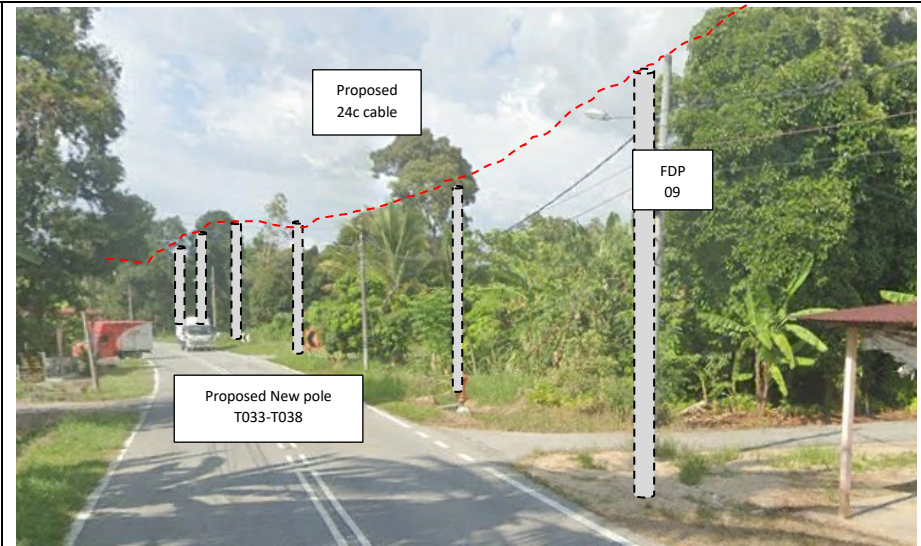
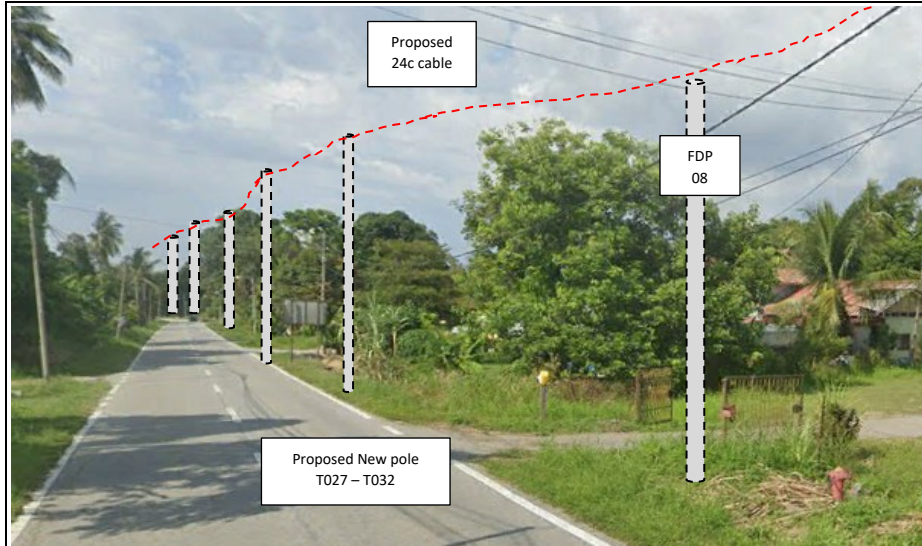


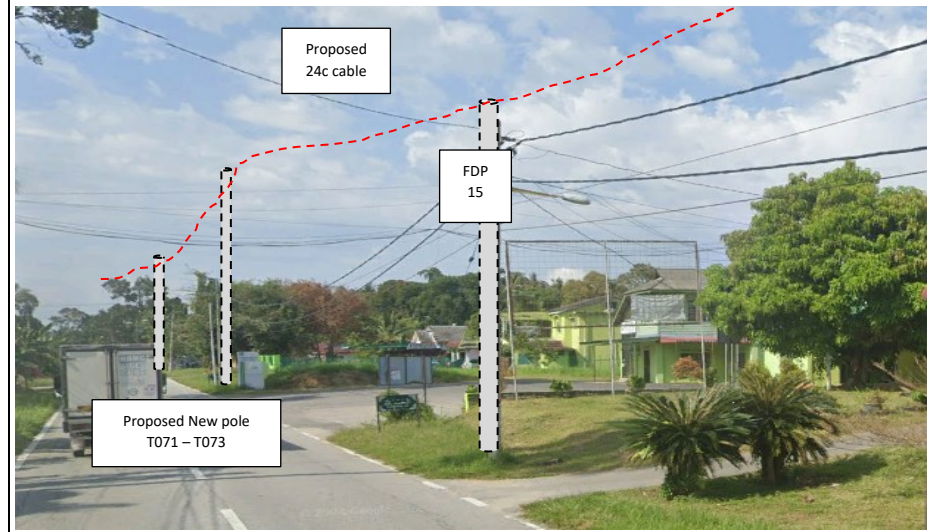
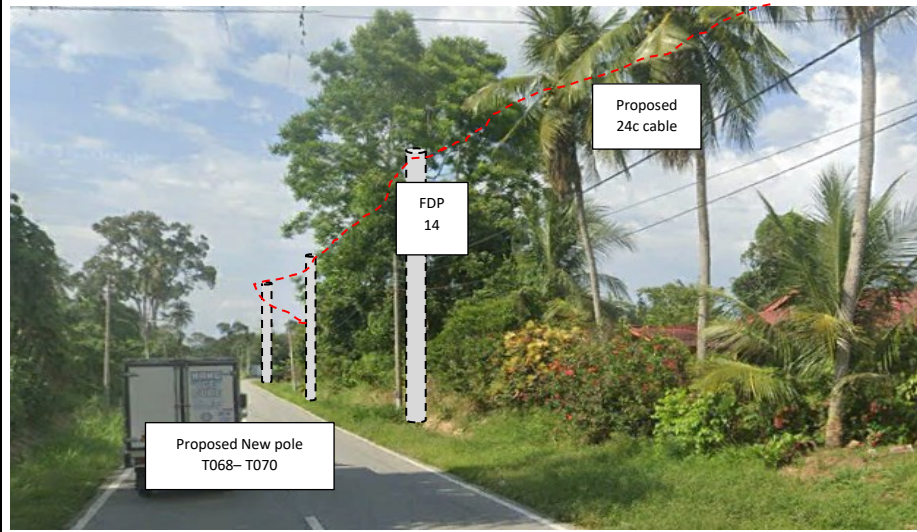
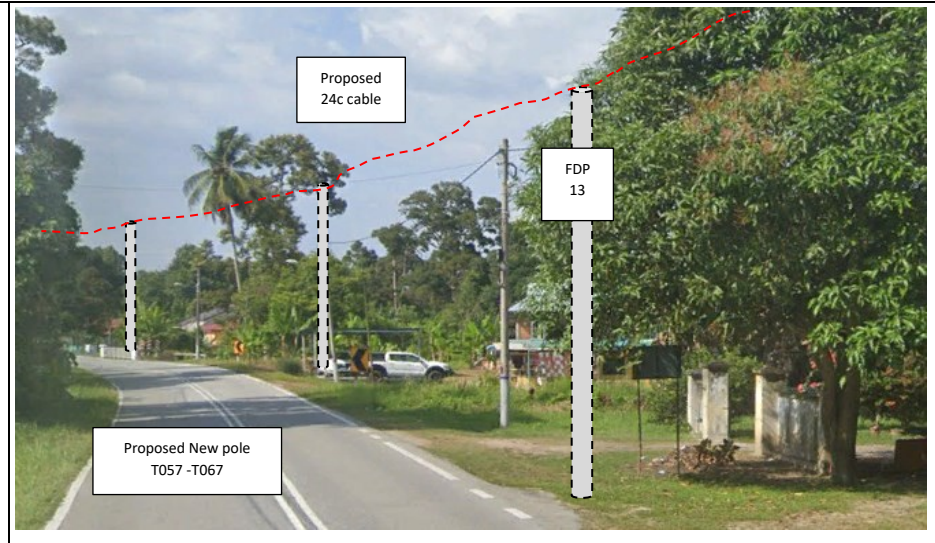
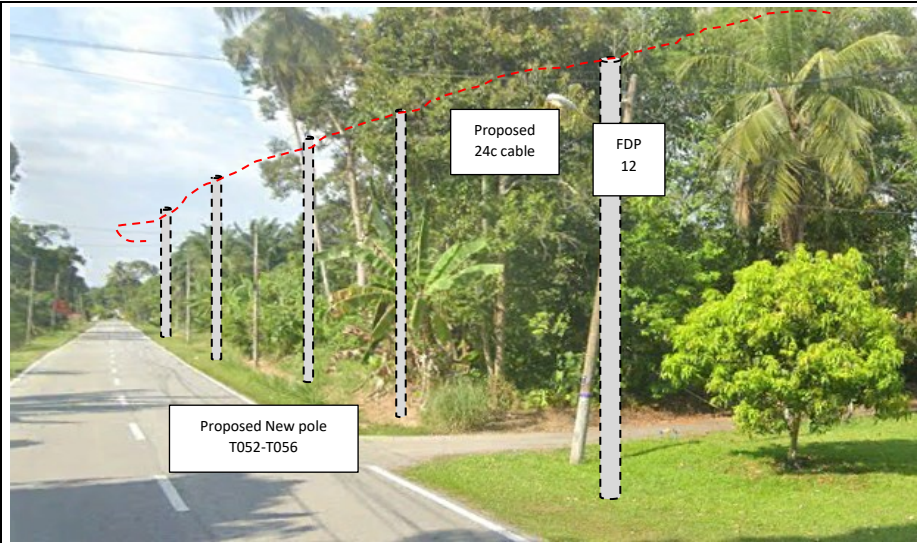
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37	T036	34.82	4.451966075	100.9073438	JKR Perak
38	T037	41.11	4.452329137	100.9072764	JKR Perak
39	T038	34.69	4.452635753	100.9072208	JKR Perak
40	T039	25.60	4.452856497	100.9071562	JKR Perak
41	T040	31.14	4.453128471	100.9070907	JKR Perak
42	T041	27.28	4.453365311	100.9070278	JKR Perak
43	T042	34.90	4.453673239	100.906969	JKR Perak
44	T043	35.37	4.453988015	100.9069256	JKR Perak
45	T044	37.14	4.454319735	100.9068903	JKR Perak
46	T045	33.75	4.454621207	100.9068577	JKR Perak
47	T046	36.56	4.454948961	100.9068363	JKR Perak
48	T047	32.62	4.455240121	100.9068031	JKR Perak
49	T048	23.31	4.455449293	100.9067933	JKR Perak
50	T049	29.57	4.455714899	100.9067917	JKR Perak
51	T050	33.12	4.456011069	100.9067638	JKR Perak
52	T051	45.59	4.456420038	100.9067424	JKR Perak
53	T052	41.57	4.456793396	100.9067368	JKR Perak
54	T053	41.09	4.457162429	100.9067292	JKR Perak
55	T054	39.05	4.457513238	100.906732	JKR Perak
56	T055	50.60	4.457966768	100.9067618	JKR Perak
57	T056	38.03	4.458308324	100.9067667	JKR Perak
58	T057	36.11	4.458632062	100.9067875	JKR Perak
59	T058	38.45	4.458976985	100.9068051	JKR Perak
60	T059	34.47	4.459286025	100.9067855	JKR Perak
61	T060	38.16	4.459625224	100.906736	JKR Perak
62	T061	41.42	4.459991806	100.9066722	JKR Perak
63	T062	37.45	4.460323508	100.9066161	JKR Perak
64	T063	43.70	4.460707434	100.9065343	JKR Perak
65	T064	42.00	4.461077024	100.9064584	JKR Perak
66	T065	54.27	4.461550769	100.9063433	JKR Perak
67	T066	38.56	4.461890965	100.9062779	JKR Perak
68	T067	32.86	4.462184823	100.9062497	JKR Perak
69	T068	35.05	4.462498132	100.9062183	JKR Perak
70	T069	41.04	4.462866054	100.9061951	JKR Perak
71	T070	32.53	4.46315733	100.9061721	JKR Perak
72	T071	40.08	4.46351412	100.9061238	JKR Perak
73	T072	42.09	4.463891321	100.9060974	JKR Perak
74	T073	33.87	4.464190636	100.906043	JKR Perak
75	T074	51.69	4.464652479	100.9059947	JKR Perak
76	T075	47.45	4.465075333	100.9059409	JKR Perak

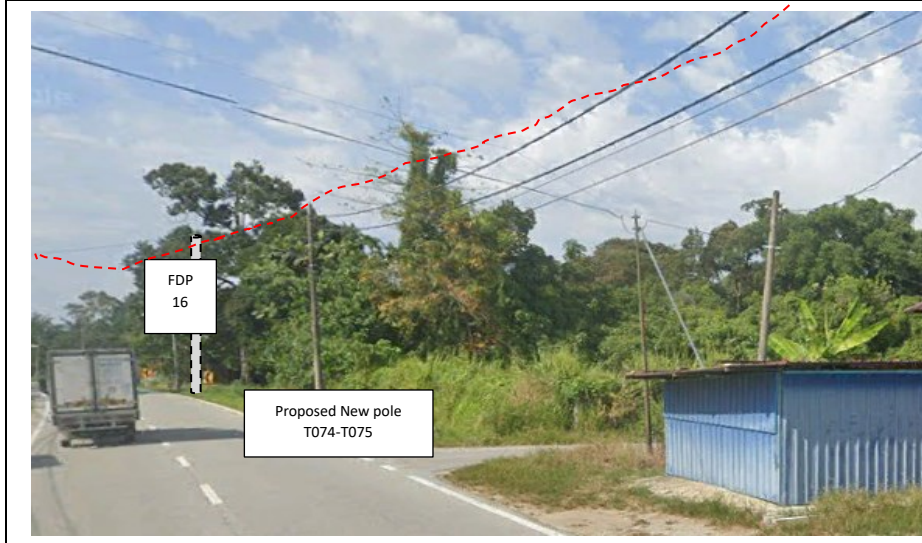
Site Photos – Proposed to install pole











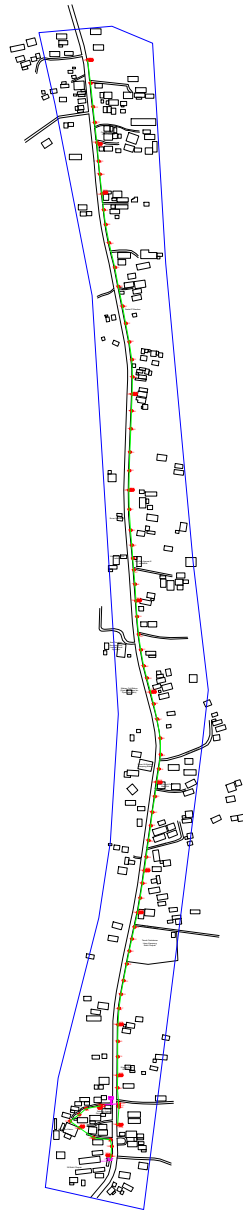


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### 3rd Parties Dependencies

No.	Local Council/ Authority	Remark
1	JKR Perak	
2	Majlis Perbandaran Perak Tengah	
3		
4		
5		
6		




LEGEND	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.				
12C FOC		Installed 1:4 / 1:8 / 1:32 splitter		Installed Pole (9m)		Suspension		New Manhole (PIT)		Micro-Trenching (Meter)		MH1	MH NO.
24C FOC	259	Installed Patch Cord		Installed Pole (7.5M)	76	Tension		New Manhole(JRC7)	2	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	1	Existing TNB Pole		FDP with (1:8) splitter	16	HDD (Meter)	60	Active Outdoor Cabinet		CL01	Closure NO.
144C FOC		Existing Closure		Installed Riser		Existing Manhole		Open Cut (Meter)		FDC NO.		DP1	FDP NO.

ACTUAL HOMEPASS :

KEY PLAN :


POP2 PROJECT IN PERAK

OWNER/DEVELOPOR :



APEX COMMUNICATIONS SDN BHD  
12th FLOOR, MENARA HAP SENG,  
50200 JALAN P. RAJILE  
KUALA LUMPUR

MAIN CONTRACTOR :



WCWL COMMUNICATIONS SDN BHD  
127, JALAN PULU 3/2, TAMAN PUNCAK JALIL,  
BANDAR PULAU PINANG,  
13300 SENI KEMANGSAH, SELANGOR  
TEL : +603 2988 1000  
E-MAIL : info@wcwlcommunications.com.my

PROJECT TITLE :

CONTRACTOR FOR SURVEY, TECHNICAL PROPOSAL AND WAYLEAVE, & PERMIT APPROVAL - POP2 PROJECT

DRAWING TITLE:

AS-BUILT SITE PLAN DRAWING  
ABAB220  
SEKOLAH KEBANGSAAN BUKIT CHUPAK

PROJECT PHASE:  
POP 2

Design By : ENGINEER  
Date : DEC 2024

Drawn By : CAD ENGINEER  
Scale : NOT TO SCALE

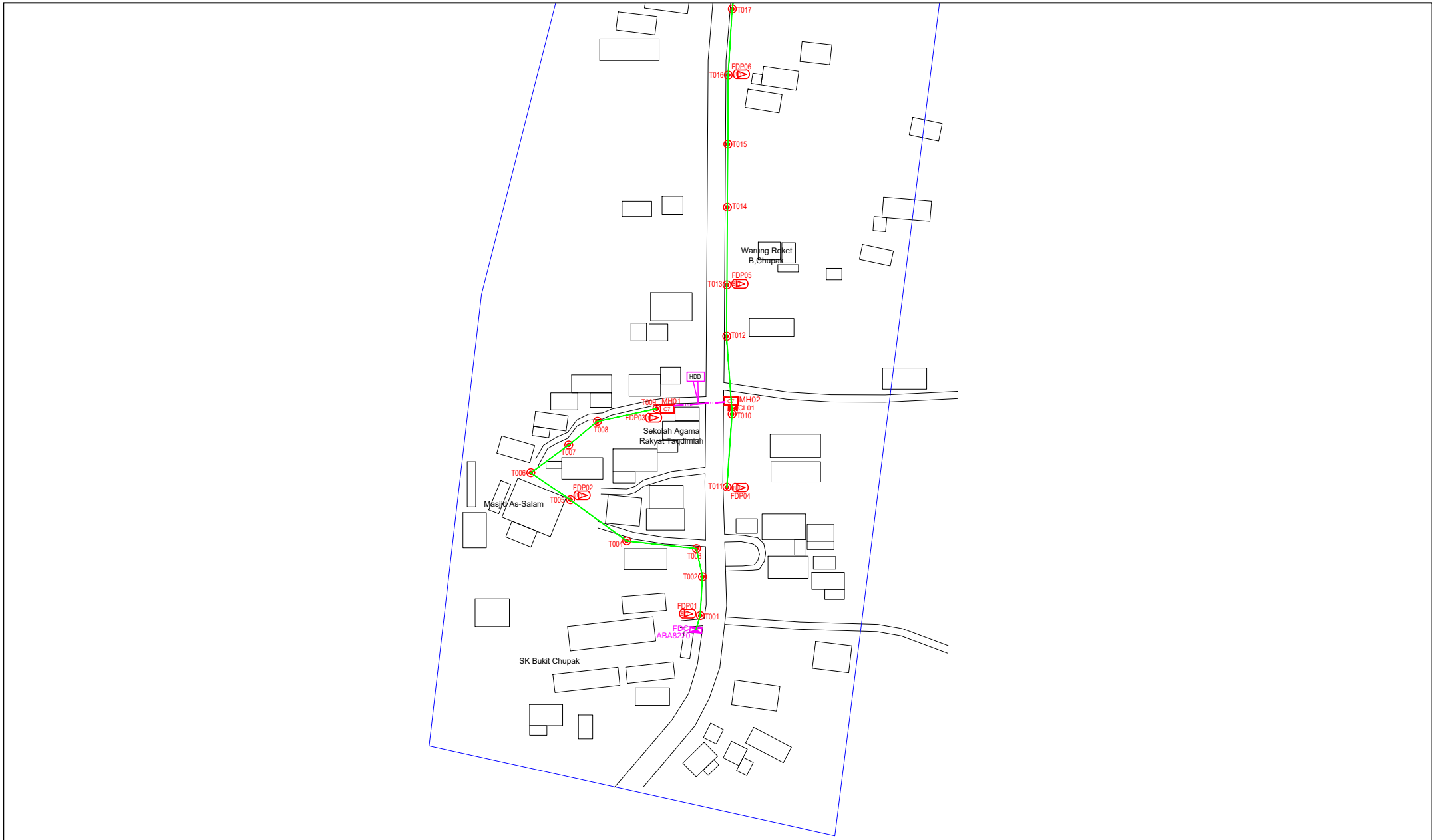
Checked By : ENGINEER  
Job Number : 1

DRAWING NUMBER :  
ABAB220-ABD-01

Sheet :  
1/7

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Size :  
A3



LEGEND	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.
12C FOC	Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	Suspension	BS30 New Manhole (PIT)	Micro-Trenching (Meter)	MH1 MH NO.			
24C FOC	Installed Patch Cord	Installed Pole (7.5M)	Tension	BS7 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	HDD (Meter)	Active Outdoor Cabinet	CL01 Closure NO.			
144C FOC	Existing Closure	Installed Riser	Existing Manhole	Open Cut (Meter)	FDC NO.	DP1 FDP NO.			

ACTUAL HOMEPASS :

KEY PLAN :

POP2 PROJECT IN PERAK

OWNER/DEVELOPER :



APEX COMMUNICATIONS SDN BHD  
1208 FLOOR, MENARA WAP SENG,  
50250 JALAN P, PAKLIS  
KUALA LUMPUR.

MAIN CONTRACTOR :



WCWL COMMUNICATIONS SDN BHD  
127, JALAN PULU 3/2, TAMAN PUNCAK JALIL,  
BANDAR PUNCAK PERMAS,  
43300 SEREMBANGAN, SELANGOR  
TEL: +603 8958 5963  
E-MAIL: info@wcwlcommunications.com.my

PROJECT TITLE :

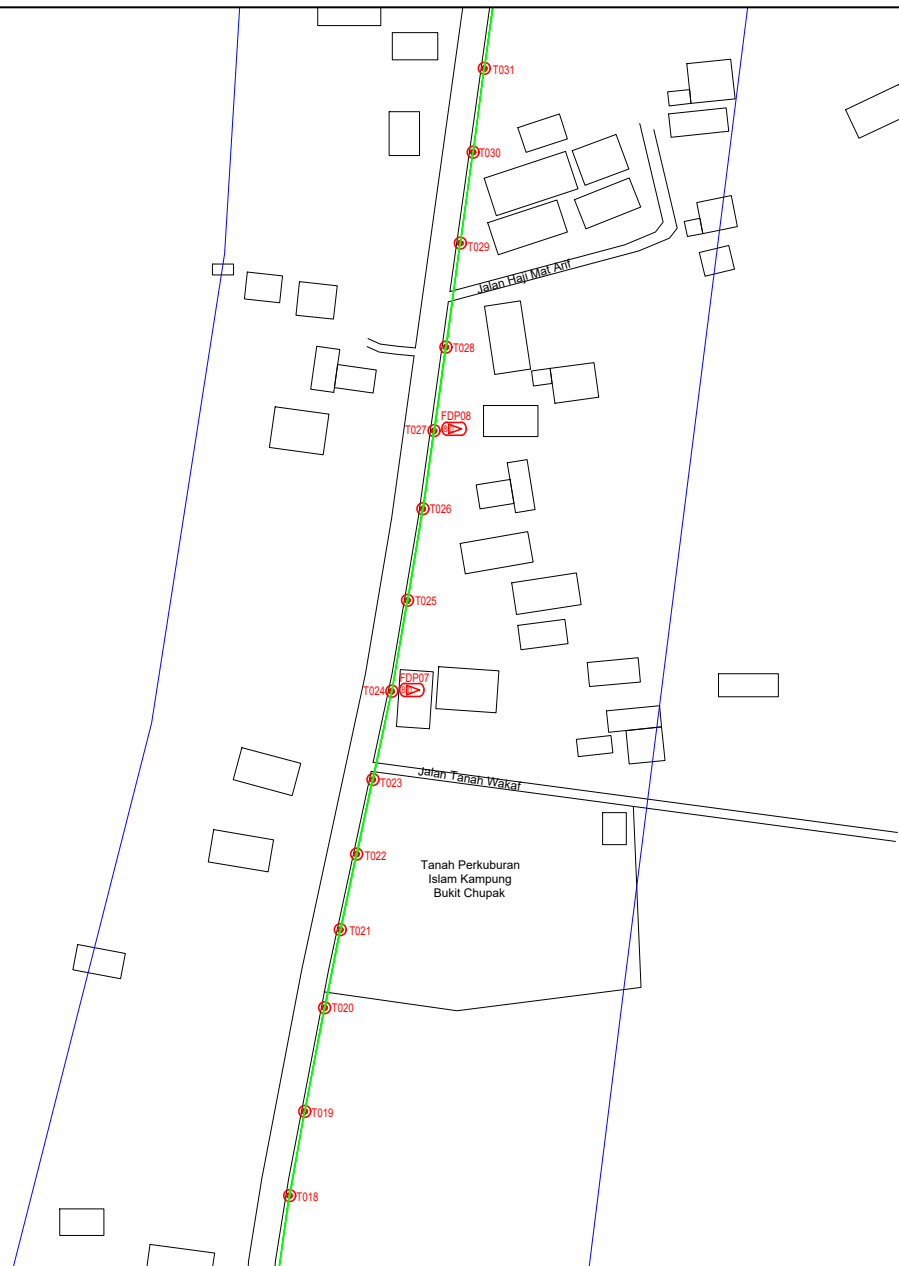
CONTRACTOR FOR SURVEY, TECHNICAL PROPOSAL AND WAYLEAVE, & PERMIT APPROVAL - POP2 PROJECT

DRAWING TITLE:

AS-BUILT SITE PLAN DRAWING  
ABAB220  
SEKOLAH KEBANGSAAN BUKIT CHUPAK

PROJECT PHASE:  
POP 2

Design By : ENGINEER	Date : DEC 2024
Drawn By : CAD ENGINEER	Scale : NOT TO SCALE
Checked By : ENGINEER	Job Number : 1
DRAWING NUMBER : ABAB220-ABD-01A	Sheet : 2/7
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Size : A3	



LEGEND	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.		
12C FOC		Installed 1:4 / 1:8 / 1:32 splitter		Installed Pole (9m)		Suspension		New Manhole (PIT)		Micro-Trenching (Meter)		MH1	MH NO.
24C FOC	259	Installed Patch Cord		Installed Pole (7.5M)	76	Tension		New Manhole(JRC7)	2	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	1	Existing TNB Pole		FDP with (1:8) splitter	16	HDD (Meter)	60	#	Active Outdoor Cabinet	CL01	Closure NO.
144C FOC		Existing Closure		Installed Riser		Existing Manhole		Open Cut (Meter)		CO1	FDC NO.	DP1	FDP NO.

ACTUAL HOMEPASS :

KEY PLAN :

POP2 PROJECT IN PERAK

OWNER/DEVELOPER :

APEX COMMUNICATIONS SDN BHD  
12th FLOOR, MENARA HAP SDG,  
80200 JALAN P. HANZEL  
KUALA LUMPUR

MAIN CONTRACTOR :

WCWL COMMUNICATIONS SDN BHD  
127, JALAN PULU 3/2, TAMAN PUNCAK JAYA,  
BANDAR PUTRA PERAI,  
43300 SERI SEBANGANG, SELANGOR  
TEL: +603 9538 9833  
E-MAIL: info@wcwlcommunications.com.my

PROJECT TITLE :

CONTRACTOR FOR SURVEY, TECHNICAL PROPOSAL AND WAYLEAVE, & PERMIT APPROVAL - POP2 PROJECT

DRAWING TITLE:

AS-BUILT SITE PLAN DRAWING  
ABAB220  
SEKOLAH KEBANGSAAN BUKIT CHUPAK

PROJECT PHASE:  
POP 2

Design By : ENGINEER  
Date : DEC 2024

Drawn By : CAD ENGINEER  
Scale : NOT TO SCALE

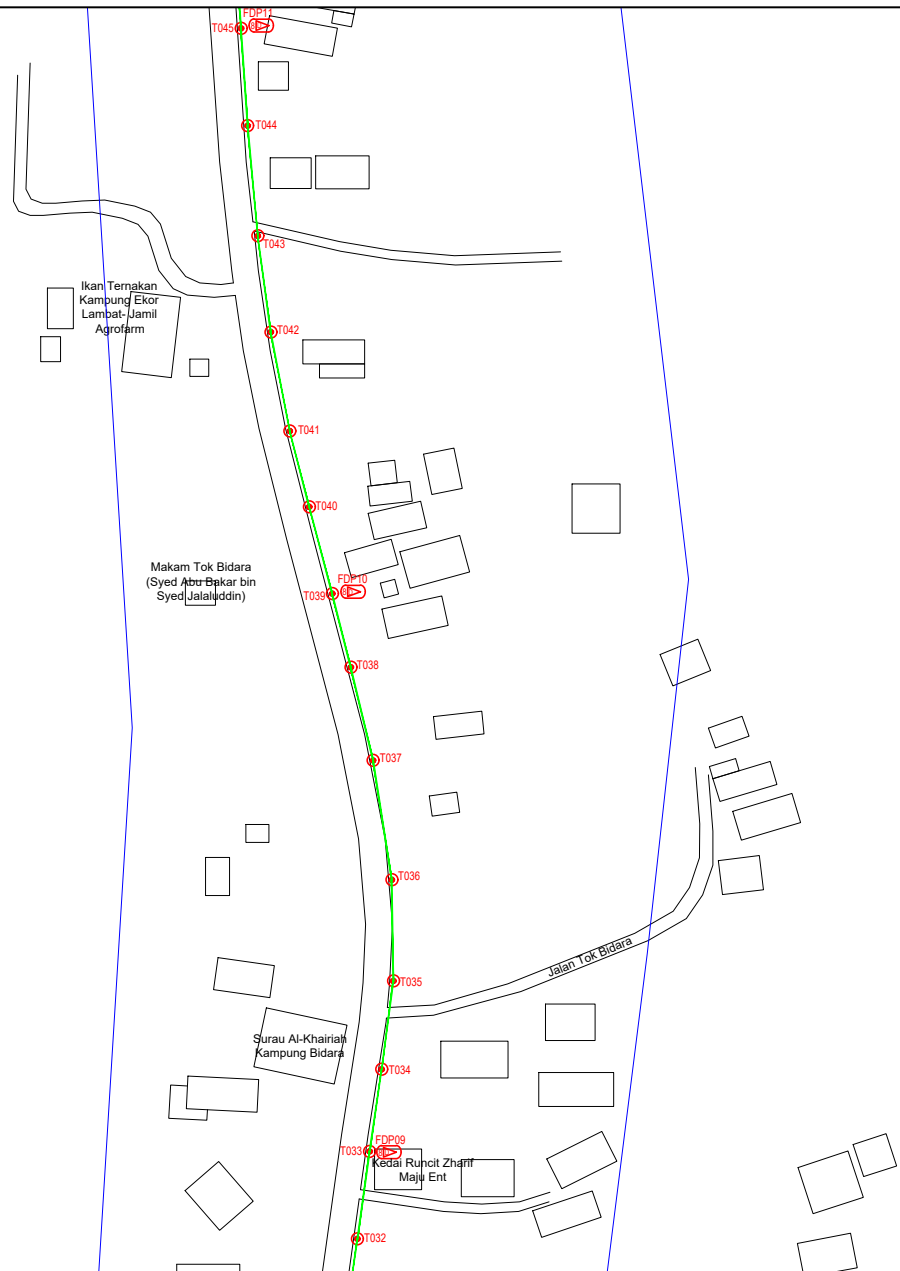
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Job Number : 1

DRAWING NUMBER :  
ABAB220-ABD-01B

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3/7

Size :  
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LEGEND	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.			
12C FOC	1	Installed 1:4 / 1:8 / 1:32 splitter	1	Installed Pole (9m)	1	Suspension	1	New Manhole (PIT)	1	Micro-Trenching (Meter)	1	MH1	MH NO.
24C FOC	259	Installed Patch Cord	1	Installed Pole (7.5M)	76	Tension	1	New Manhole(JRC7)	2	Temporary Infra (Meter)	1	TKS-1	Existing TNB Pole NO.
48C FOC	1	FDC	1	Installed Pole (6.7M)	1	Pole Ring	1	FDP Boundary	1	Loop / Coil (Meter)	1	PO01	New Pole NO.
96C FOC	1	Closure	1	Existing TNB Pole	1	FDP with (1:8) splitter	16	HDD (Meter)	60	Active Outdoor Cabinet	1	CL01	Closure NO.
144C FOC	1	Existing Closure	1	Installed Riser	1	Existing Manhole	1	Open Cut (Meter)	1	FDC NO.	1	DP1	FDP NO.

ACTUAL HOMEPASS :

KEY PLAN :

POP2 PROJECT IN PERAK

OWNER/DEVELOPER :

APEX COMMUNICATIONS SDN BHD  
12th FLOOR, MENARA HAP SONG,  
50250 JALAN P. RAMLEE  
KUALA LUMPUR

MAIN CONTRACTOR :

WCWL COMMUNICATIONS SDN BHD  
127, JALAN PULU 3/3, TAMAN PUNCAK JALIL,  
BANDAR PUTRA PERAI,  
43300 SERI SEBANGANG, SELANGOR  
TEL: +603 8888 5853  
E-MAIL: info@wcwlcommunications.com.my

PROJECT TITLE :

CONTRACTOR FOR SURVEY, TECHNICAL PROPOSAL AND WAYLEAVE, & PERMIT APPROVAL - POP2 PROJECT

DRAWING TITLE:

AS-BUILT SITE PLAN DRAWING  
ABAB220  
SEKOLAH KEBANGSAAN BUKIT CHUPAK

PROJECT PHASE:  
POP 2

Design By : ENGINEER  
Date : DEC 2024

Drawn By : CAD ENGINEER  
Scale : NOT TO SCALE

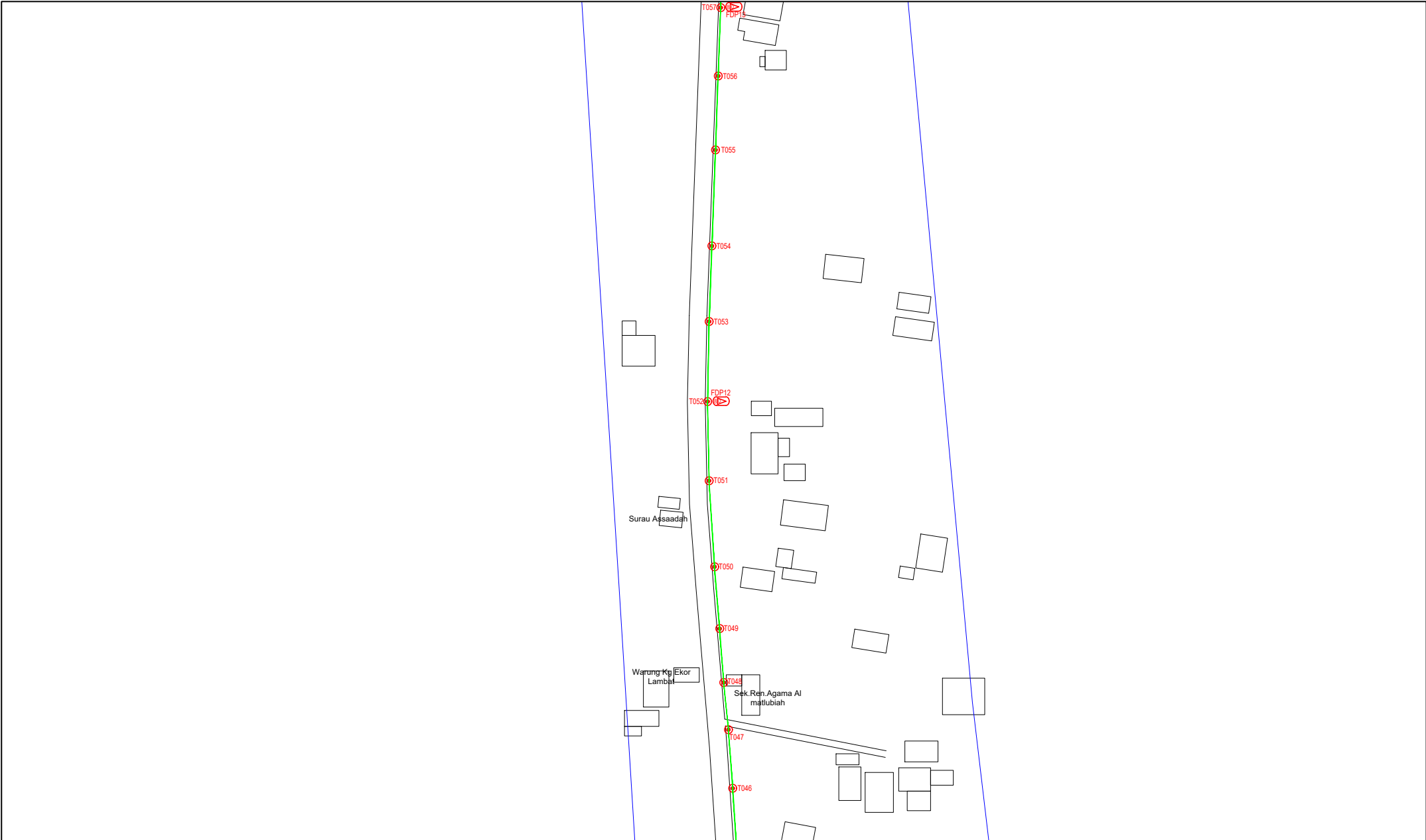
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Job Number : 1

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Size :  
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LEGEND	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.			
12C FOC		Installed 1:4 / 1:8 / 1:32 splitter		Installed Pole (9m)		Suspension		New Manhole (PIT)		Micro-Trenching (Meter)		MH1	MH NO.
24C FOC	259	Installed Patch Cord		Installed Pole (7.5M)	76	Tension		New Manhole(JRC7)	2	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	1	Existing TNB Pole		FDP with (1:8) splitter	16	HDD (Meter)	60	Active Outdoor Cabinet		CL01	Closure NO.
144C FOC		Existing Closure		Installed Riser		Existing Manhole		Open Cut (Meter)		FDC NO.		DP1	FDP NO.

ACTUAL HOMEPASS :

KEY PLAN :

POP2 PROJECT IN PERAK

OWNER/DEVELOPER :



APEX COMMUNICATIONS SDN BHD  
12th FLOOR, MENARA HAP SENANG,  
50200 JALAN P. RAMLEE  
KUALA LUMPUR

MAIN CONTRACTOR :



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TEL: +603 8988 5863  
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PROJECT TITLE :

CONTRACTOR FOR SURVEY, TECHNICAL PROPOSAL AND WAYLEAVE, & PERMIT APPROVAL - POP2 PROJECT

DRAWING TITLE:

AS-BUILT SITE PLAN DRAWING  
ABA8220  
SEKOLAH KEBANGSAAN BUKIT CHUPAK

PROJECT PHASE:  
POP 2

Design By : ENGINEER Date : DEC 2024

Drawn By : CAD ENGINEER Scale : NOT TO SCALE

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Design By : ENGINEER Date : DEC 2024

Drawn By : CAD ENGINEER Scale : NOT TO SCALE

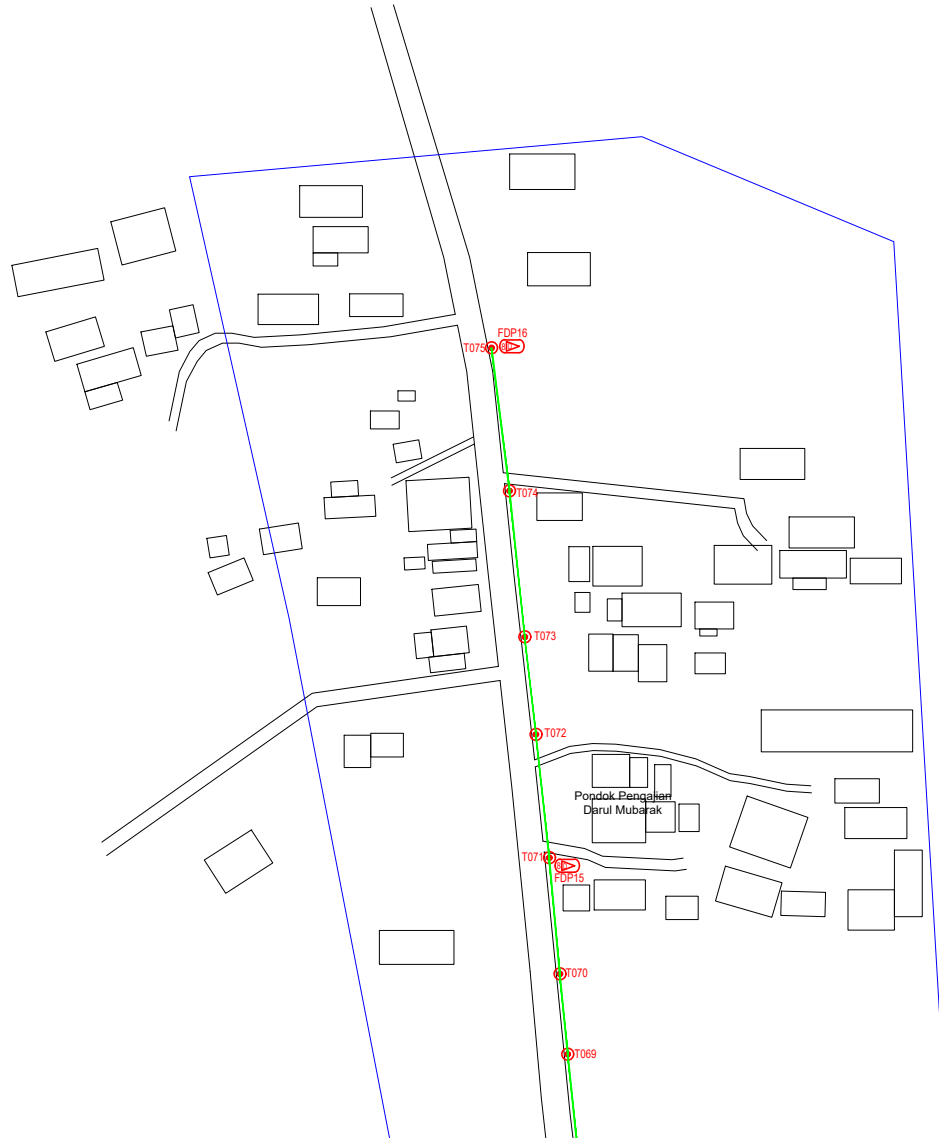
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LEGEND	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.		
12C FOC		Installed 1:4 / 1:8 / 1:32 splitter		Installed Pole (9m)	5	Suspension	JES0	New Manhole (PIT)		Micro-Trenching (Meter)	MHI	MH NO.
24C FOC	259	Installed Patch Cord		Installed Pole (7.5M)	76	Tension	JRC7	New Manhole(JRC7)	2	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	1	Existing TNB Pole		FDP with (1:8) splitter	16	Existing Manhole		Active Outdoor Cabinet	CL01	Closure NO.
144C FOC		Existing Closure		Installed Riser		Existing Manhole		Open Cut (Meter)		FDC NO.	DP1	FDP NO.

ACTUAL HOMEPASS :

KEY PLAN :  
  
POP2 PROJECT IN PERAK

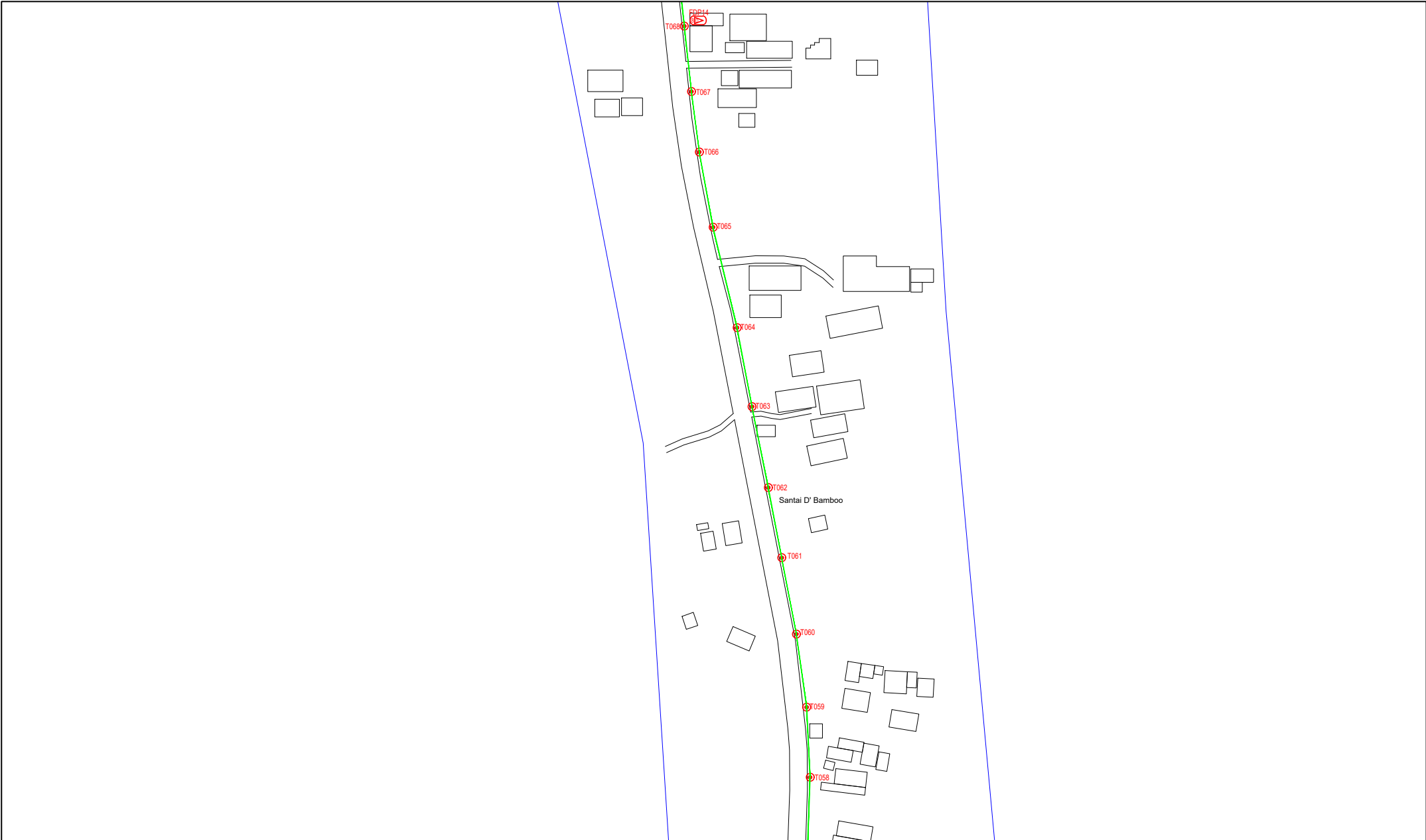
OWNER/DEVELOPER :



MAIN CONTRACTOR :  
  
CONTRACTOR FOR SURVEY, TECHNICAL PROPOSAL AND WAYLEAVE, & PERMIT APPROVAL - POP2 PROJECT

DRAWING TITLE:  
AS-BUILT SITE PLAN DRAWING  
ABAB220  
SEKOLAH KEBANGSAAN BUKIT CHUPAK  
  
PROJECT PHASE:  
POP 2

Design By : ENGINEER	Date : DEC 2024
Drawn By : CAD ENGINEER	Scale : NOT TO SCALE
Checked By : ENGINEER	Job Number : 1
DRAWING NUMBER : ABAB220-ABD-01E	Sheet : 6/7
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Size : A3	




LEGEND	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.				
12C FOC		Installed 1:4 / 1:8 / 1:32 splitter		Installed Pole (9m)		Suspension		New Manhole (PIT)		Micro-Trenching (Meter)		MH1	MH NO.
24C FOC	259	Installed Patch Cord		Installed Pole (7.5M)	76	Tension		New Manhole(JRC7)	2	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	1	Existing TNB Pole		FDP with (1:8) splitter	16	HDD (Meter)	60	#		CL01	Closure NO.
144C FOC		Existing Closure		Installed Riser		Existing Manhole		Open Cut (Meter)		CD1		DP1	FDP NO.

ACTUAL HOMEPASS :

KEY PLAN :

POP2 PROJECT IN PERAK

OWNER/DEVELOPER :



APEX COMMUNICATIONS SDN BHD  
12th FLOOR, MENARA HAP SENANG,  
50200 JALAN P. RAJEEZ  
KUALA LUMPUR

MAIN CONTRACTOR :



WCWL COMMUNICATIONS SDN BHD  
127, JALAN PAU 3/3, TAMAN PUNCAK JAYA,  
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43300 SERI KEMBANGAN, SELANGOR  
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PROJECT TITLE :

CONTRACTOR FOR SURVEY, TECHNICAL PROPOSAL AND WAYLEAVE, & PERMIT APPROVAL - POP2 PROJECT

DRAWING TITLE:

AS-BUILT SITE PLAN DRAWING  
ABA8220  
SEKOLAH KEBANGSAAN BUKIT CHUPAK

PROJECT PHASE:  
POP 2

Design By : ENGINEER  
Date : DEC 2024

Drawn By : CAD ENGINEER  
Scale : NOT TO SCALE

Checked By : ENGINEER  
Job Number : 1

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