

## TECHNICAL PROPOSAL POP2 ABA8250 SEKOLAH KEBANGSAAN TITI GANTONG (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	:	09/12/2024



**POINT A**

**POINT B**

### Starting Point

Site / Boundary Name	:	SEKOLAH KEBANGSAAN TITI GANTONG
Address	:	Ipoh-Lumut Highway, Bota
District	:	Perak Tengah
Postcode	:	32600
State	:	Perak
GPS Coordinate	:	4.361897, 100.835139
LRD	:	A

### End Point

Site / Boundary Name	:	SEKOLAH KEBANGSAAN TITI GANTONG
Address	:	18 Jalan Permai 8, Bota
District	:	Perak Tengah
Postcode	:	32600
State	:	Perak
GPS Coordinate	:	4.364427, 100.835951
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>82m</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>0</b>

	Other Information	Unit	Qty
1	Proposed Manhole	EA	<b>2</b>
2	Proposed Pole	EA	<b>60</b>
3	Joint Closure	EA	<b>3</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	82m
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	3pcs	170m
		Majlis	57pcs	1351m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				1603m

Site Plan – KMZ (Overview site area)

Proposed FDP and Closure



Proposed New Pole



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



**Red – JKR Perak Tengah**

**Blue - Majlis Perbandaran Perak Tengah**



**Route 2**



**Route 2.1**

Site Plan – KMZ Routing (Proposed New Manhole)

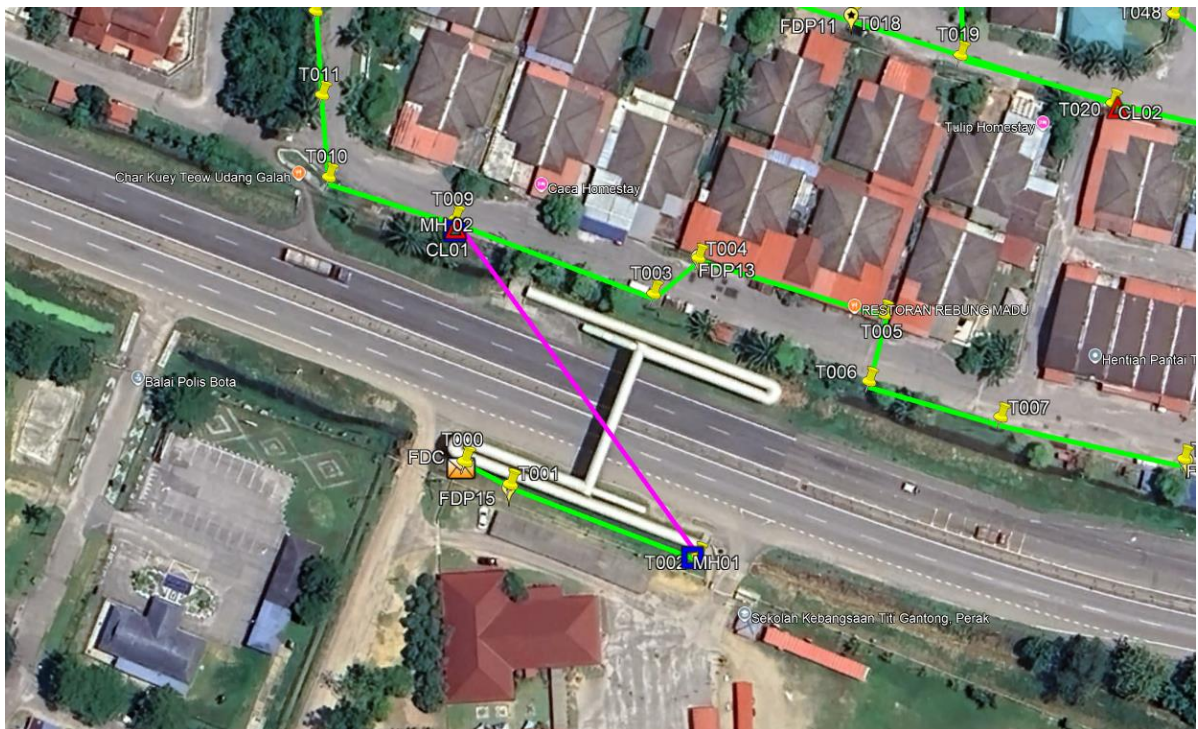
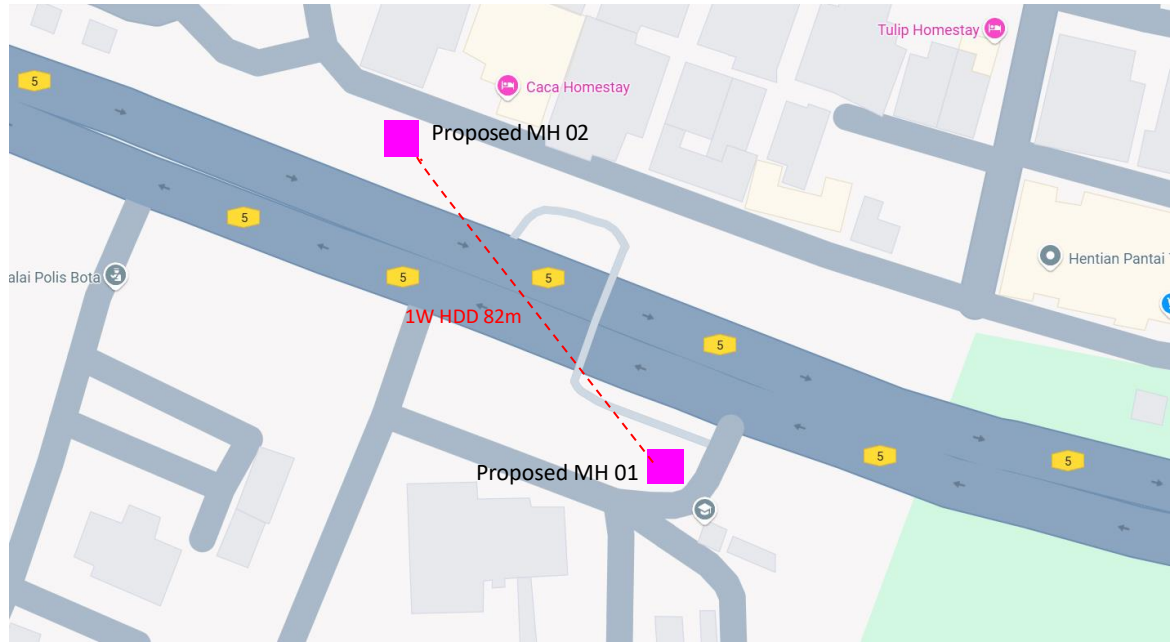


Figure 1: Manhole 1 (4.361755, 100.835565) & Manhole 2 (4.362353, 100.835108)

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



**Proposed New Manhole Lat & Long Table**

POLE NUMBER	PROPOSED MANHOLE COORDINATE	
	LATITUDE	LONGITUDE
MH01	4.361755	100.835565
MH02	4.362353	100.835108

**Overall Pole (Proposed New)**

No.	Pole ID	Distance (m)	Latitude	Longitude	Local Authority
1	FDC	0.00	4.361905495	100.8351429	JKR Perak Tengah
2	T001	10.36	4.361863603	100.835226	JKR Perak Tengah
3	T002	40.99	4.361734962	100.835571	JKR Perak Tengah
4	T003	53.96	4.362212835	100.8354897	Majlis Perbandaran Perak Tengah
5	T004	11.59	4.362277331	100.8355714	Majlis Perbandaran Perak Tengah
6	T005	39.28	4.362175718	100.8359093	Majlis Perbandaran Perak Tengah
7	T006	13.91	4.362053691	100.8358822	Majlis Perbandaran Perak Tengah
8	T007	27.69	4.361989085	100.8361224	Majlis Perbandaran Perak Tengah
9	T008	38.54	4.361912043	100.8364599	Majlis Perbandaran Perak Tengah
10	T009	155.92	4.362347421	100.8351286	Majlis Perbandaran Perak Tengah
11	T010	26.80	4.362423376	100.8349002	Majlis Perbandaran Perak Tengah
12	T011	16.56	4.362571653	100.8348883	Majlis Perbandaran Perak Tengah
13	T012	16.94	4.362723431	100.834877	Majlis Perbandaran Perak Tengah
14	T013	31.73	4.363006772	100.8349076	Majlis Perbandaran Perak Tengah
15	T014	25.51	4.362939474	100.8351267	Majlis Perbandaran Perak Tengah
16	T015	13.73	4.363053507	100.8351736	Majlis Perbandaran Perak Tengah
17	T016	29.84	4.362865576	100.8353647	Majlis Perbandaran Perak Tengah
18	T017	26.85	4.3627839	100.8355917	Majlis Perbandaran Perak Tengah
19	T018	29.62	4.362706963	100.8358464	Majlis Perbandaran Perak Tengah
20	T019	23.28	4.362640363	100.8360446	Majlis Perbandaran Perak Tengah
21	T020	32.42	4.362556644	100.8363235	Majlis Perbandaran Perak Tengah
22	T021	27.87	4.362511921	100.8365699	Majlis Perbandaran Perak Tengah
23	T022	17.02	4.362471489	100.8367173	Majlis Perbandaran Perak Tengah
24	T023	19.53	4.362440627	100.8368901	Majlis Perbandaran Perak Tengah
25	T024	10.34	4.362453892	100.836982	Majlis Perbandaran Perak Tengah
26	T025	25.80	4.362683553	100.8370133	Majlis Perbandaran Perak Tengah
27	T026	26.35	4.362917647	100.8370481	Majlis Perbandaran Perak Tengah
28	T027	17.64	4.363075839	100.8370572	Majlis Perbandaran Perak Tengah
29	T028	19.45	4.36324964	100.8370749	Majlis Perbandaran Perak Tengah
30	T029	36.18	4.363572816	100.8371096	Majlis Perbandaran Perak Tengah
31	T030	32.44	4.363864137	100.8371022	Majlis Perbandaran Perak Tengah
32	T031	21.29	4.364054112	100.8371243	Majlis Perbandaran Perak Tengah
33	T032	12.76	4.36416623	100.8371481	Majlis Perbandaran Perak Tengah
34	T033	15.05	4.364299975	100.8371676	Majlis Perbandaran Perak Tengah
35	T034	12.30	4.364317519	100.8370585	Majlis Perbandaran Perak Tengah
36	T035	15.07	4.364336803	100.8369245	Majlis Perbandaran Perak Tengah
37	T036	18.17	4.36434875	100.8367617	Majlis Perbandaran Perak Tengah
38	T037	24.94	4.364367497	100.8365385	Majlis Perbandaran Perak Tengah
39	T038	26.64	4.364397274	100.836301	Majlis Perbandaran Perak Tengah
40	T039	19.44	4.364411349	100.8361269	Majlis Perbandaran Perak Tengah
41	T040	19.73	4.364425708	100.8359502	Majlis Perbandaran Perak Tengah

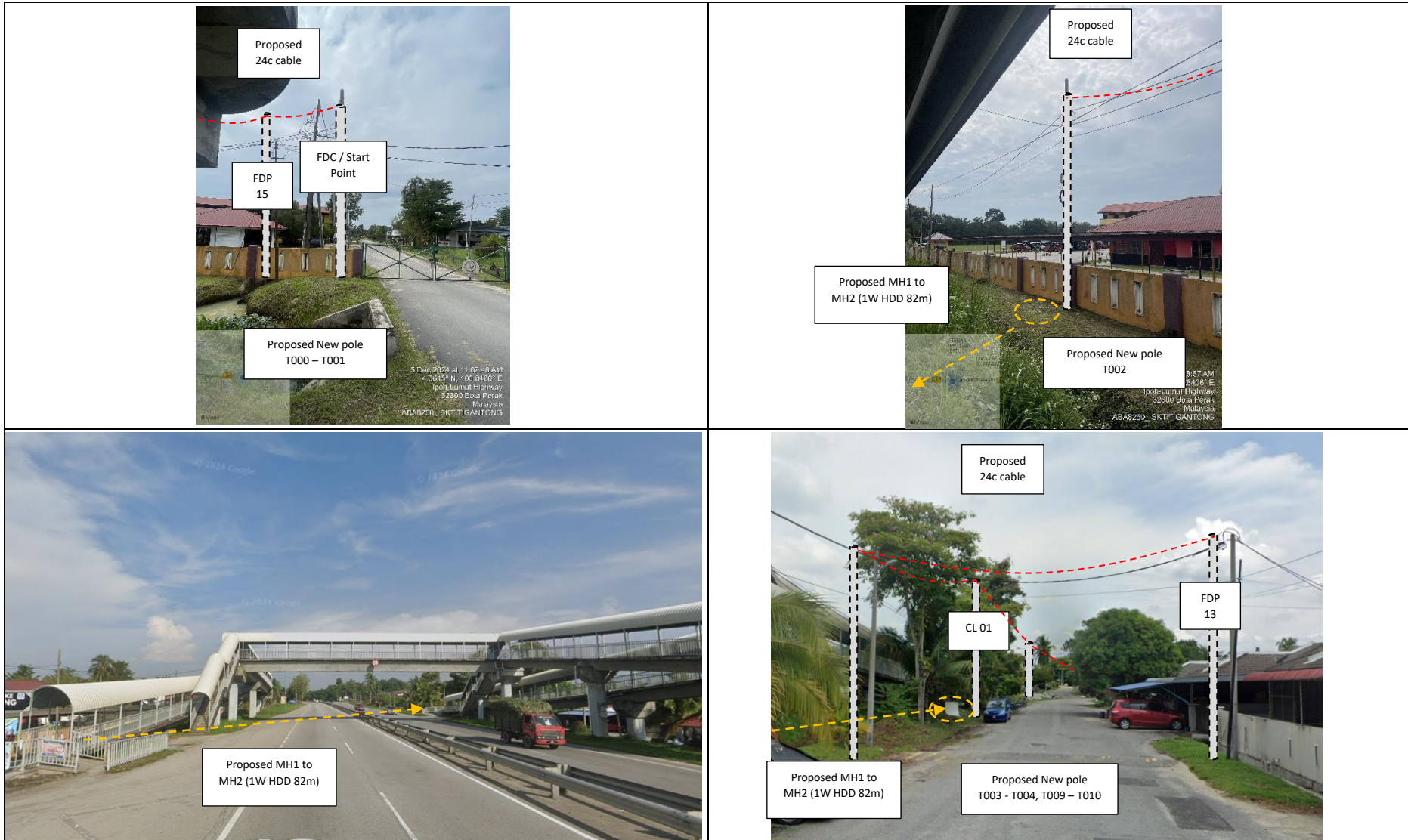


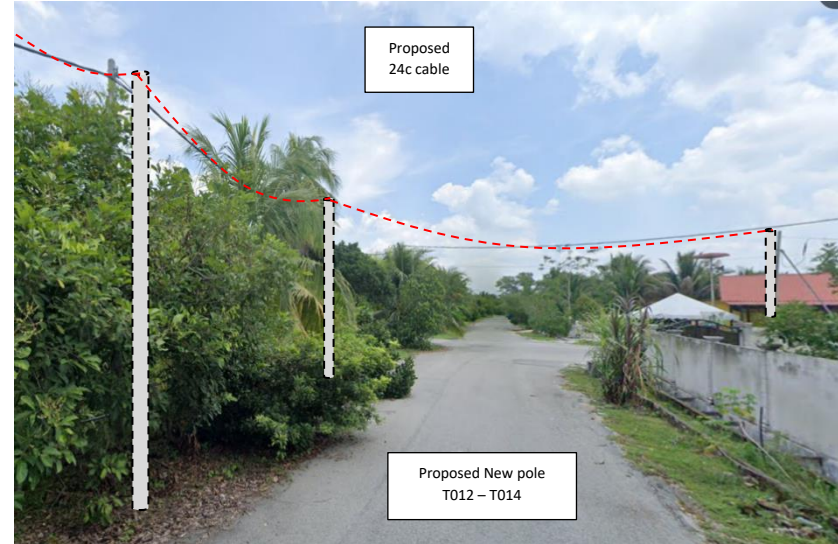
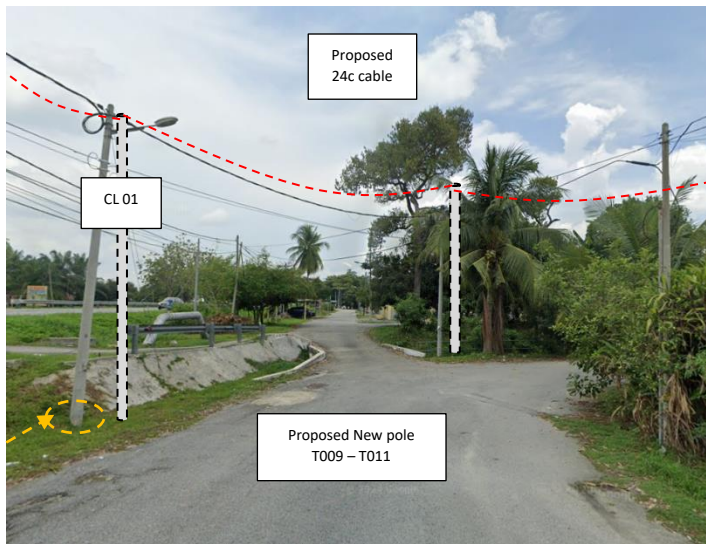
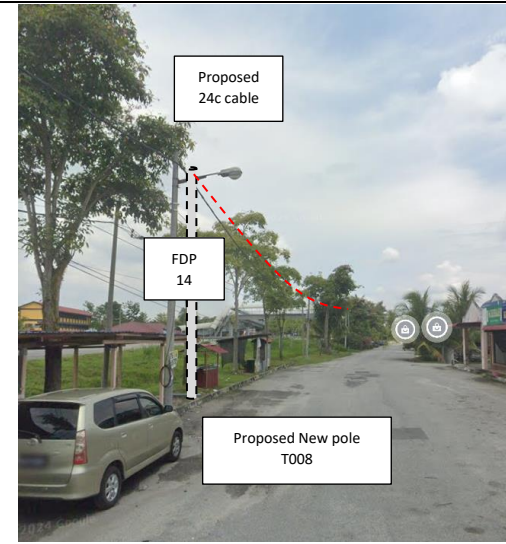
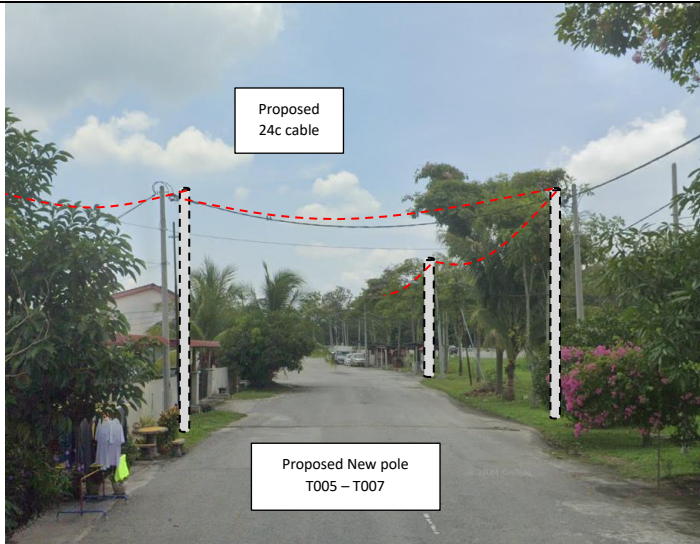
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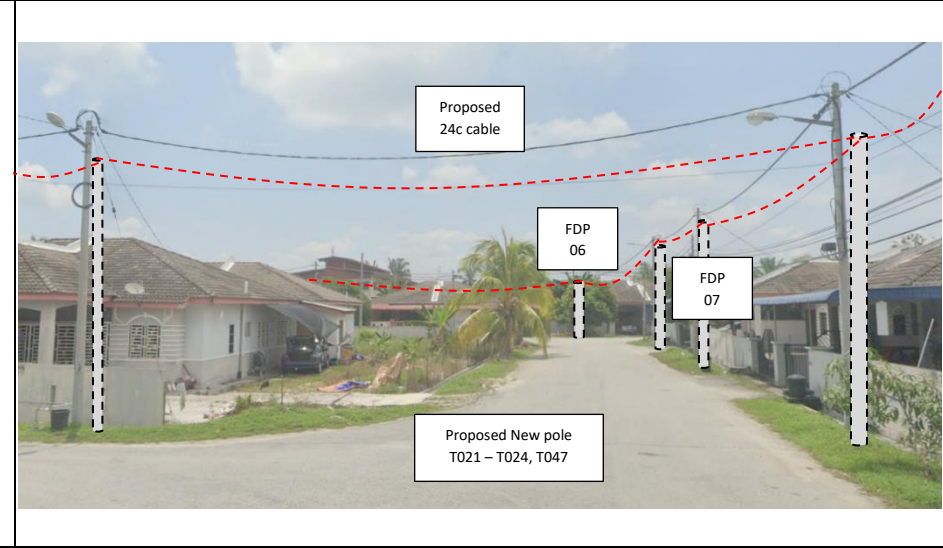
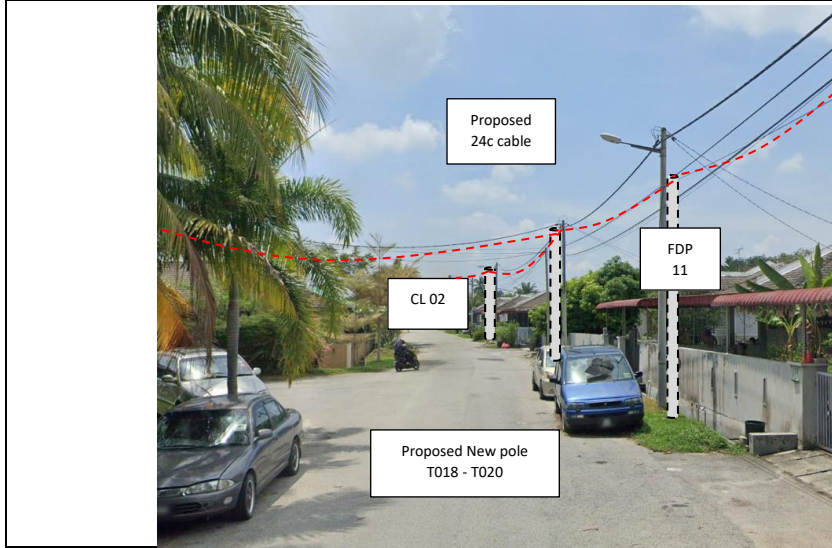
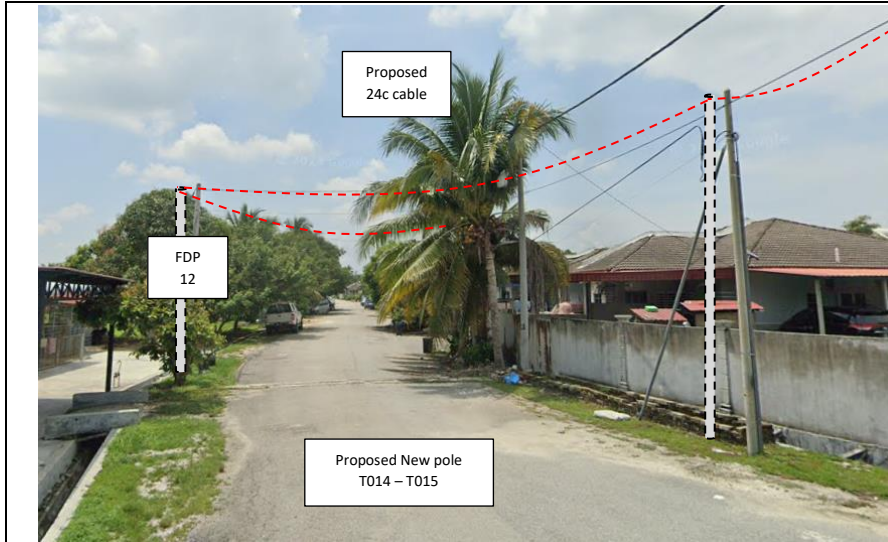


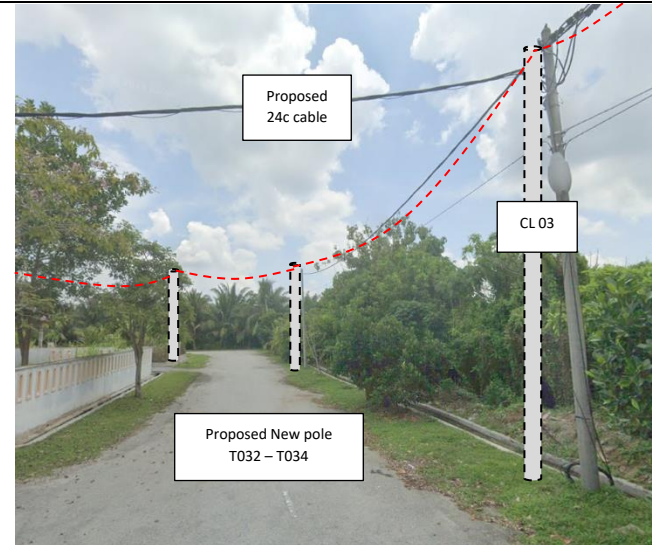
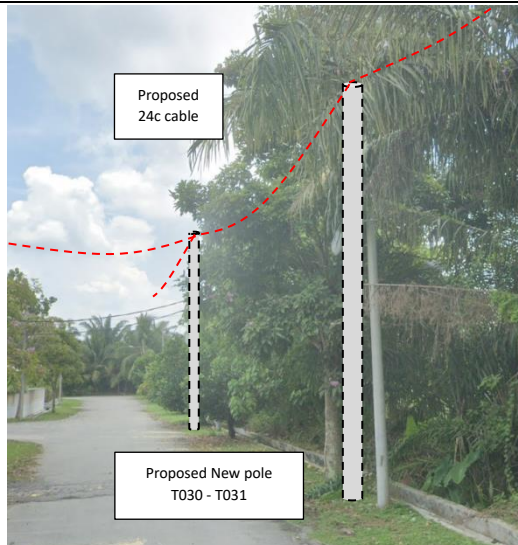
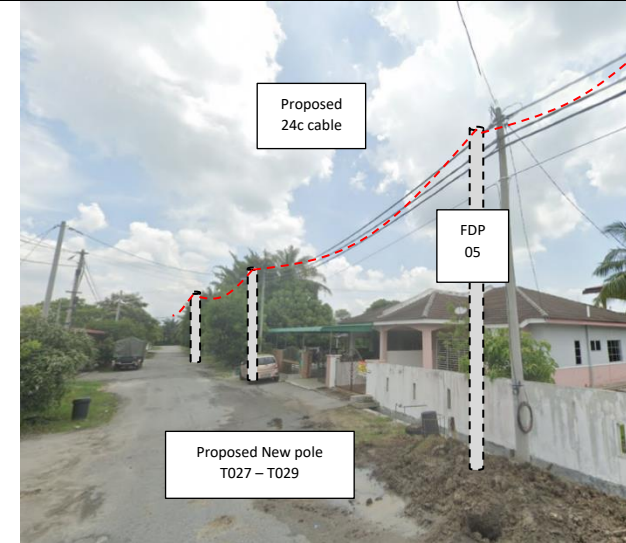
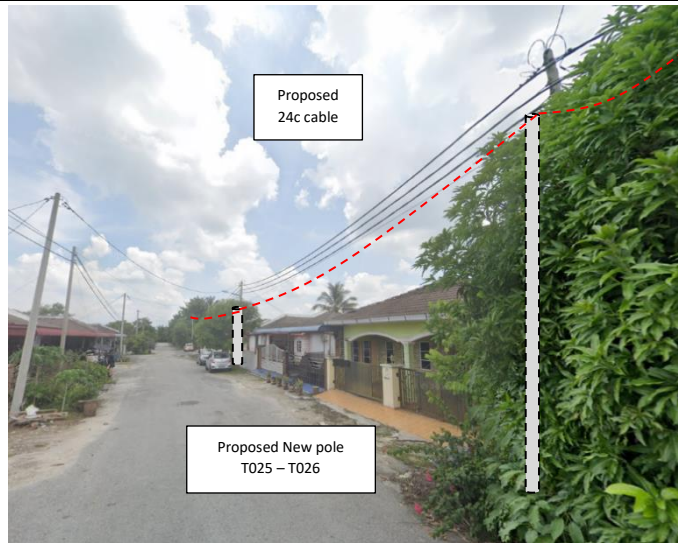
42	T041	124.70	4.363984445	100.8369799	Majlis Perbandaran Perak Tengah
43	T042	20.44	4.364006305	100.8367976	Majlis Perbandaran Perak Tengah
44	T043	18.24	4.364017551	100.8366341	Majlis Perbandaran Perak Tengah
45	T044	19.08	4.3640302	100.8364631	Majlis Perbandaran Perak Tengah
46	T045	23.61	4.364045362	100.8362516	Majlis Perbandaran Perak Tengah
47	T046	26.53	4.364095193	100.8360185	Majlis Perbandaran Perak Tengah
48	T047	170.31	4.362652437	100.8365275	Majlis Perbandaran Perak Tengah
49	T048	12.93	4.362715304	100.8364298	Majlis Perbandaran Perak Tengah
50	T049	21.81	4.362908006	100.8364651	Majlis Perbandaran Perak Tengah
51	T050	29.47	4.363172051	100.8364843	Majlis Perbandaran Perak Tengah
52	T051	65.22	4.362800842	100.836031	Majlis Perbandaran Perak Tengah
53	T052	14.27	4.362928055	100.8360469	Majlis Perbandaran Perak Tengah
54	T053	24.04	4.363143841	100.8360556	Majlis Perbandaran Perak Tengah
55	T054	14.64	4.363273442	100.8360778	Majlis Perbandaran Perak Tengah
56	T055	23.29	4.363481228	100.8361025	Majlis Perbandaran Perak Tengah
57	T056	22.21	4.363649043	100.8362104	Majlis Perbandaran Perak Tengah
58	T057	17.88	4.363665269	100.8360506	Majlis Perbandaran Perak Tengah
59	T058	23.37	4.3636793	100.8358411	Majlis Perbandaran Perak Tengah
60	T059	28.20	4.36370899	100.8355895	Majlis Perbandaran Perak Tengah

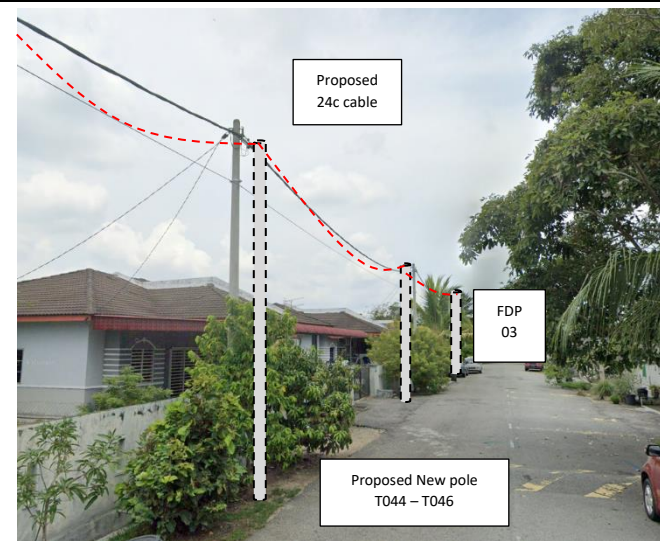
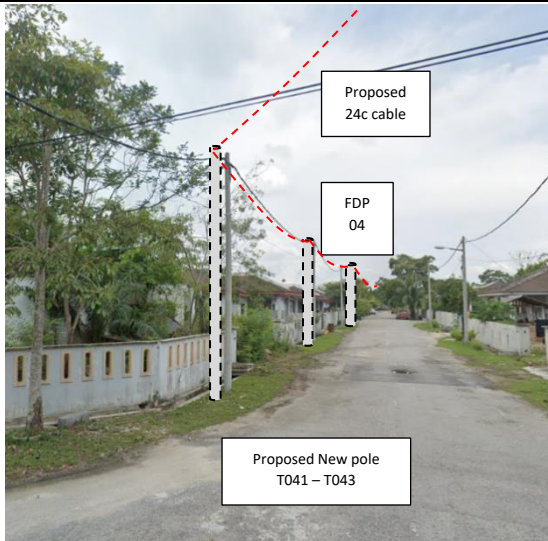
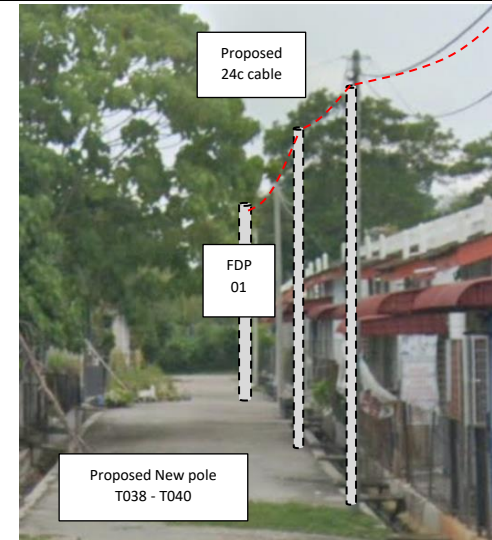
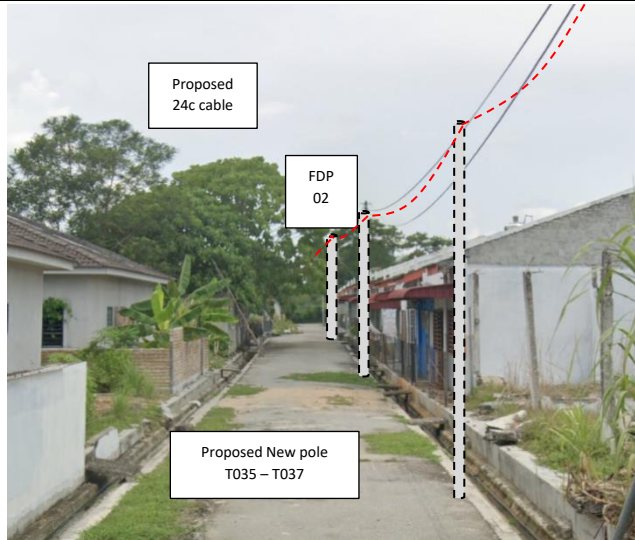
Site Photos – Proposed to install pole

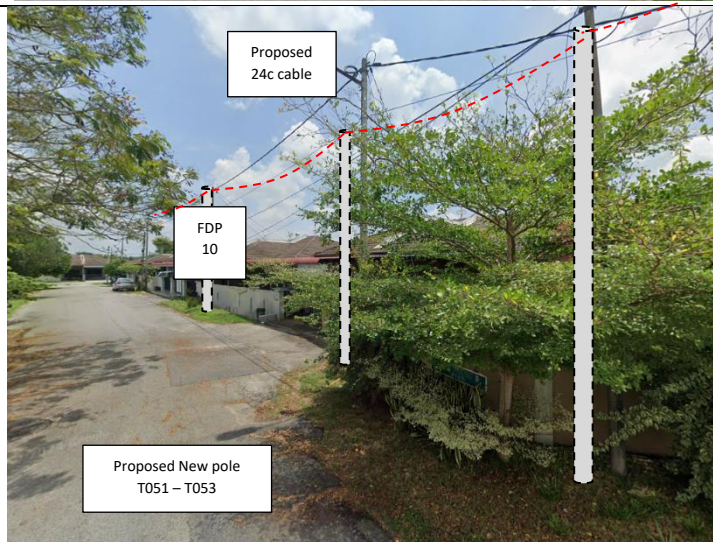
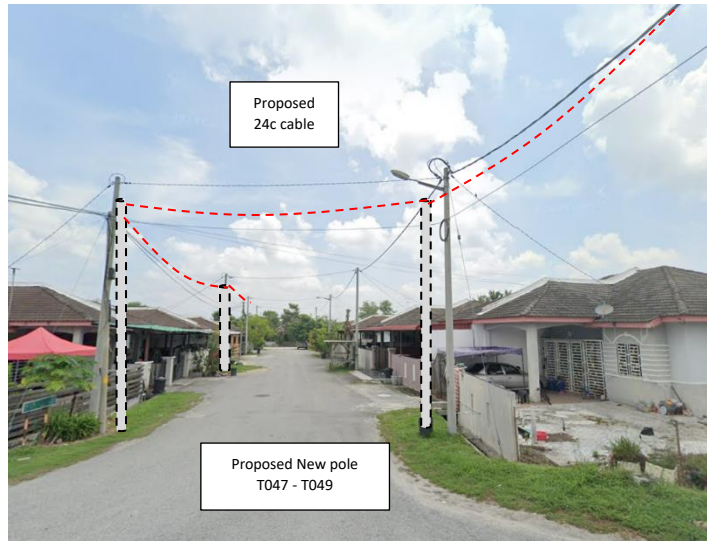


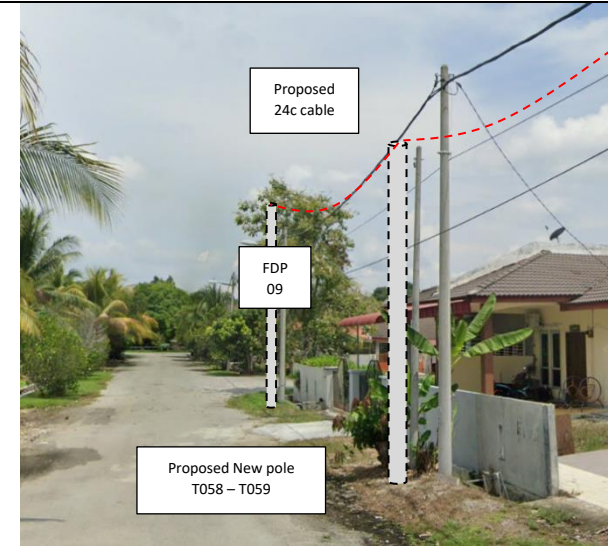
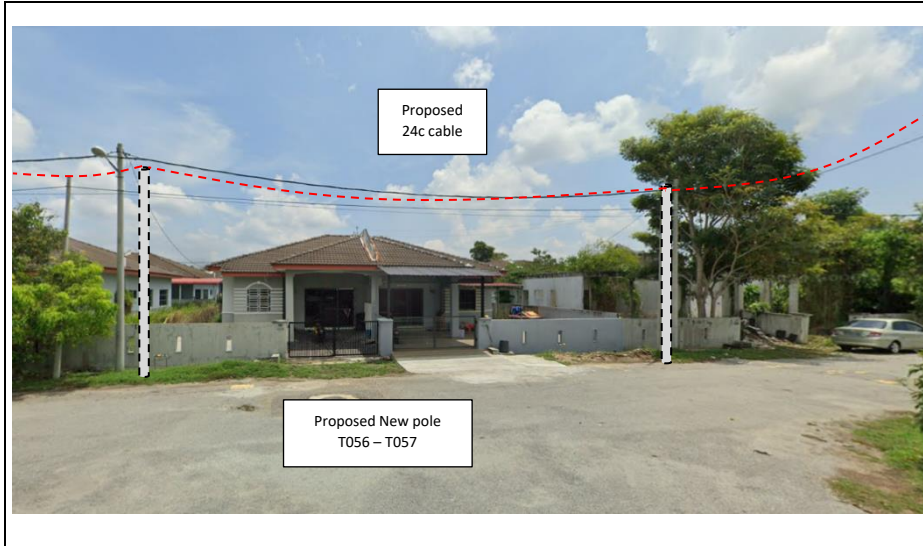














PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA (KKMM.400-11/17/132(1))



### 3rd Parties Dependencies

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







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)	59	Suspension	1B30	New Manhole (PIT)	2	Micro-Trenching (Meter)	MH1	MH NO.
24C FOC	1463	Installed Patch Cord	1	Installed Pole (7.5M)	59	Tension	1B30	New Manhole(JRC7)	2	Temporary Infra (Meter)	TKS-1	Existing TNB Pole NO.
48C FOC	1	FDC	1	Installed Pole (6.7M)	59	Pole Ring	1B30	FDP Boundary	2	Loop / Coil (Meter)	P001	New Pole NO.
96C FOC	3	Closure	3	Existing TNB Pole	59	FDP with (1:8) splitter	15	HDD (Meter)	82	#	CL01	Closure NO.
144C FOC	1	Existing Closure	1	Installed Riser	59	Existing Manhole	15	Open Cut (Meter)	82	001	DP1	FDP NO.

ACTUAL HOMEPASS :

KEY PLAN :  
POP2 PROJECT IN PERAK

OWNER/DEVELOPER :  
**APEX COMMUNICATIONS SDN BHD**  
12th FLOOR, MENARA HWP SENG,  
50250 JALAN P. RAMLEE  
KUALA LUMPUR



MAIN CONTRACTOR :  
**WCWL COMMUNICATIONS SDN BHD**  
WCWL COMMUNICATIONS SDN BHD  
127, JALAN PAU 3/2, TAMAN PUNCAK JAYA,  
MUKAH, PUTRA PERANG,  
43300 SERI KEMBANGAN, SELANGOR  
TEL: +603 9553 9553  
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  
ABA8250  
SEKOLAH KEBANGSAAN TITI GANTONG  
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 : ABA8250-ABD-01B	Sheet : 3/3
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