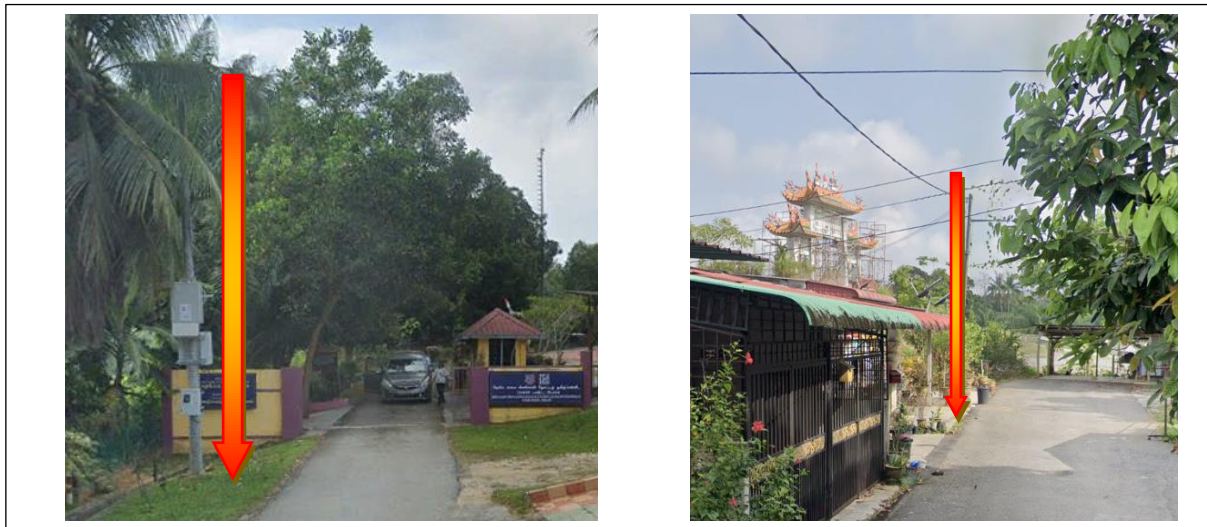


## TECHNICAL PROPOSAL POP2 ABD8451 - SEKOLAH JENIS KEBANGSAAN (TAMIL) LADANG GLENEALY (D-SIDE)

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	:	19/12/2024



POINT A

POINT B

### Starting Point

Site / Boundary Name	:	SEKOLAH JENIS KEBANGSAAN (TAMIL) LADANG GLENEALY
Address	:	Taman Seri Sayang
District	:	Parit
Postcode	:	32800
State	:	Perak
GPS Coordinate	:	4.465568, 100.924600
LRD	:	A

### End Point

Site / Boundary Name	:	SEKOLAH JENIS KEBANGSAAN (TAMIL) LADANG GLENEALY
Address	:	11 Jalan Seri Sayang 1, Kampong Belanja Kiri
District	:	Parit
Postcode	:	32800
State	:	Perak
GPS Coordinate	:	4.468399, 100.924553
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	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	41
3	Joint Closure	EA	6
4	Estimated time required for completion	days	30



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))



### Local Authority Summary

#### 1. Daerah Perak Tengah

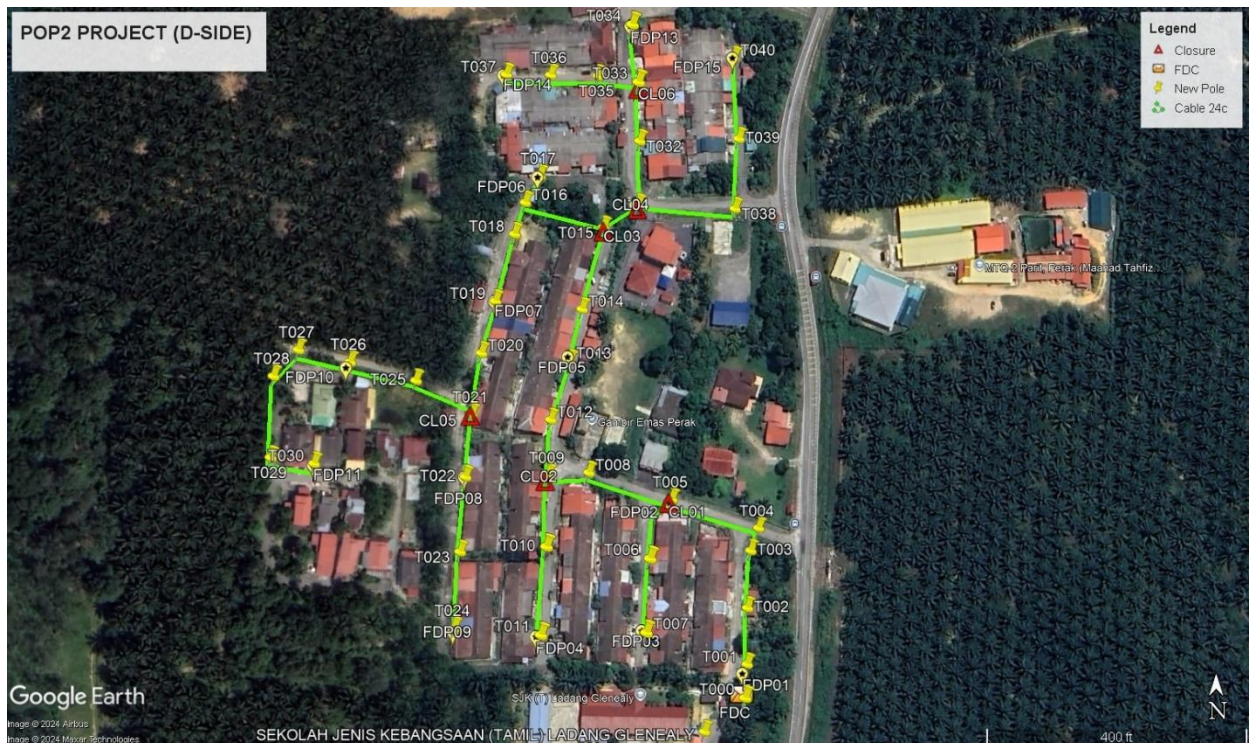
Bil	Items	Owner	Quantity	Distance(m)
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	-	-
		Majlis	41pcs	1277m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				1277m

Site Plan – KMZ (Overview site area)

Proposed FDP and Closure



Proposed New Pole



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

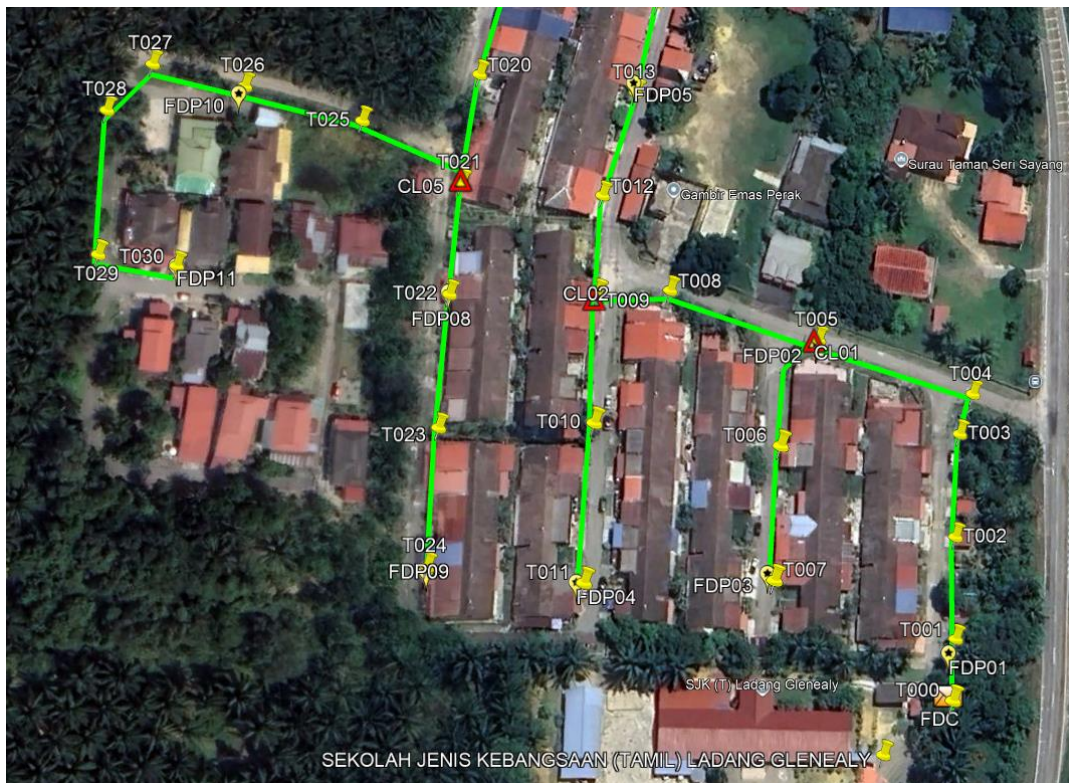
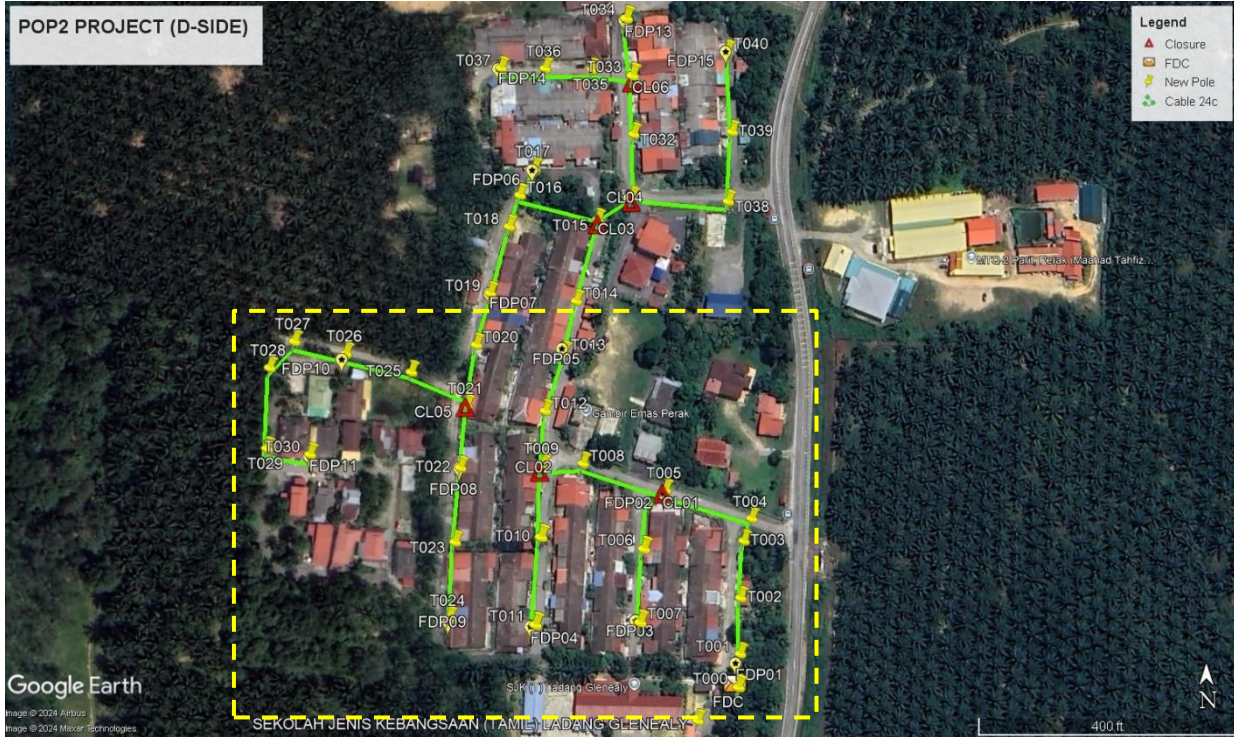


**Red – JKR Perak**

**Blue - Majlis Perbandaran Perak Tengah**

Site Plan – KMZ Routing (All site area)

Route 1



Route 1.1





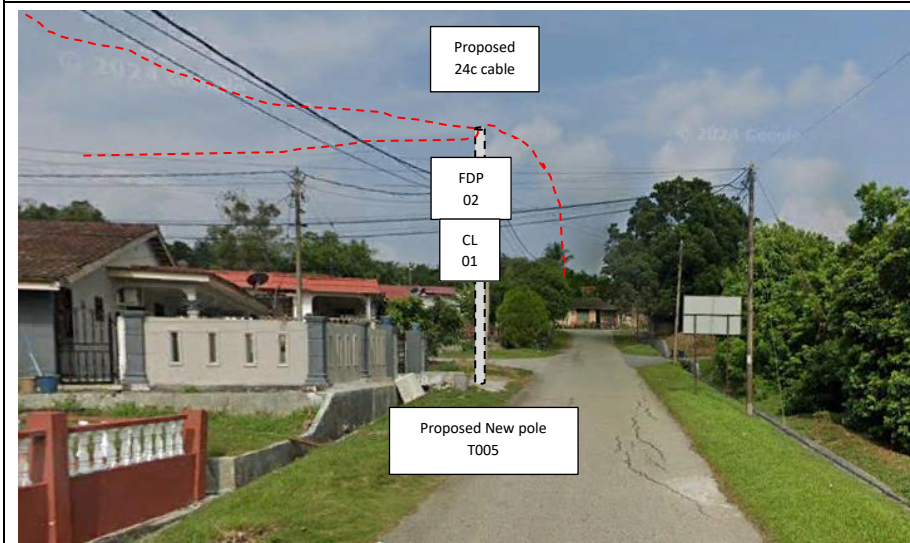
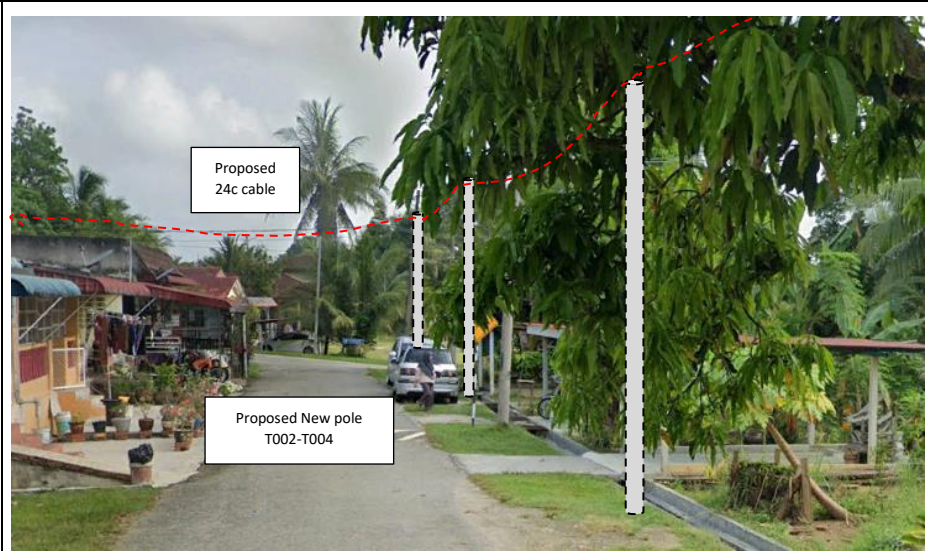
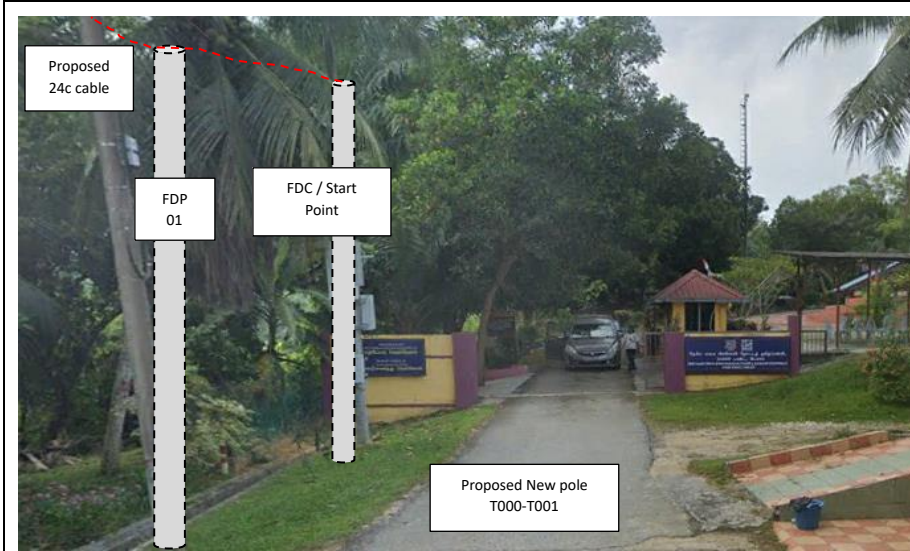
PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA (KKMM.400-11/17/132(1))

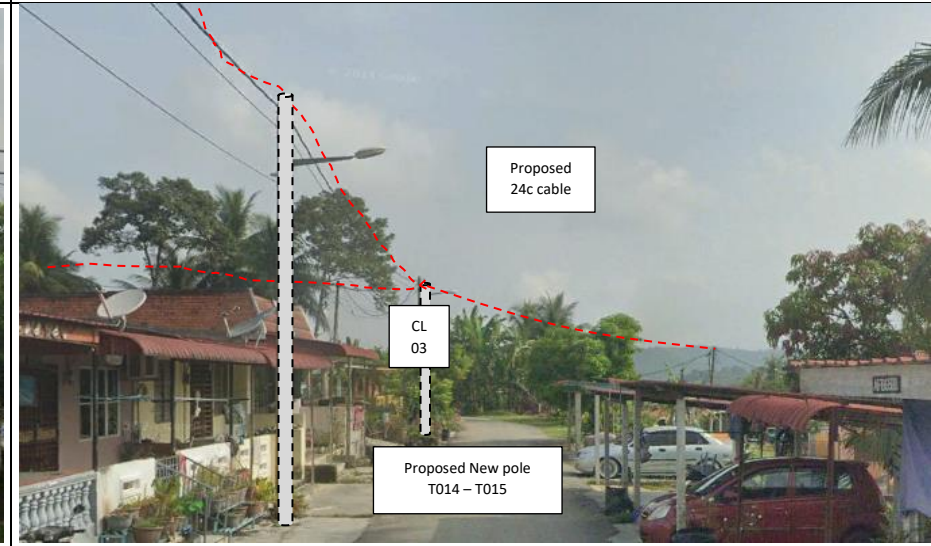
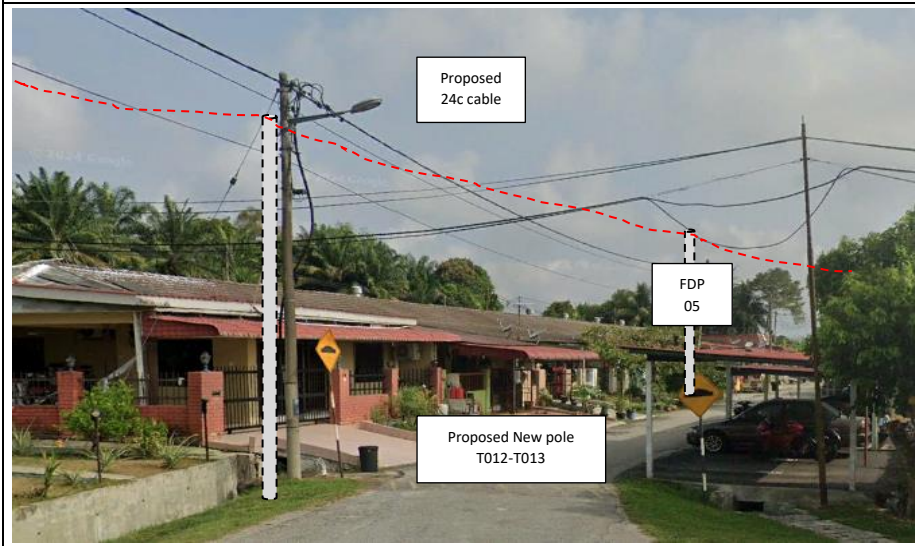
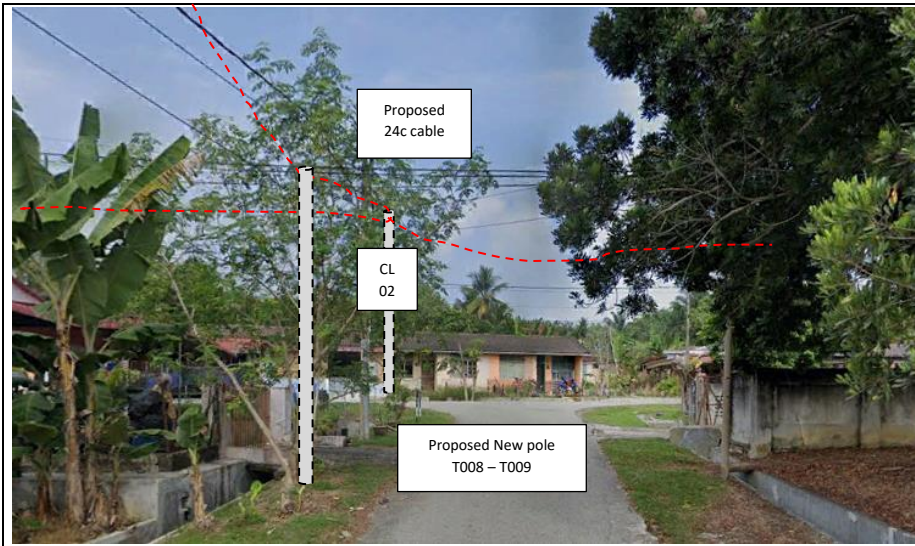


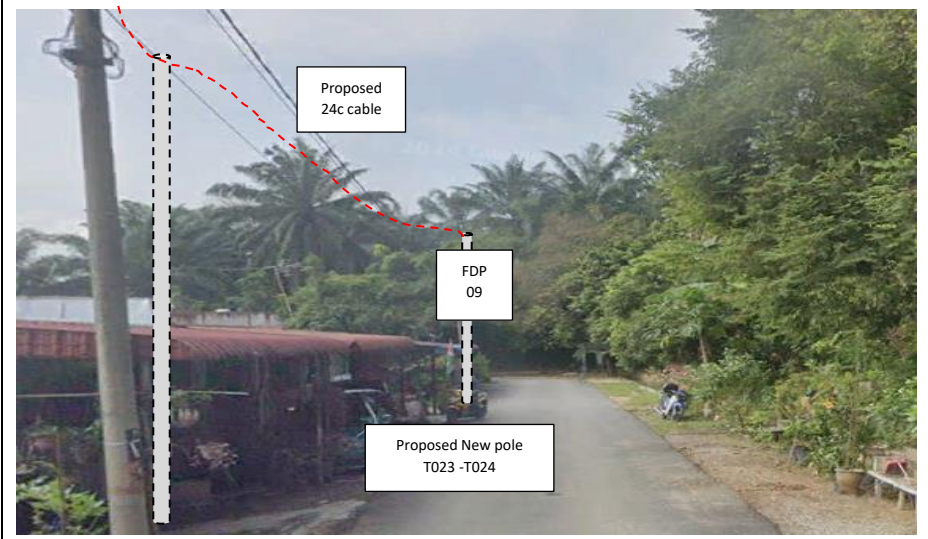
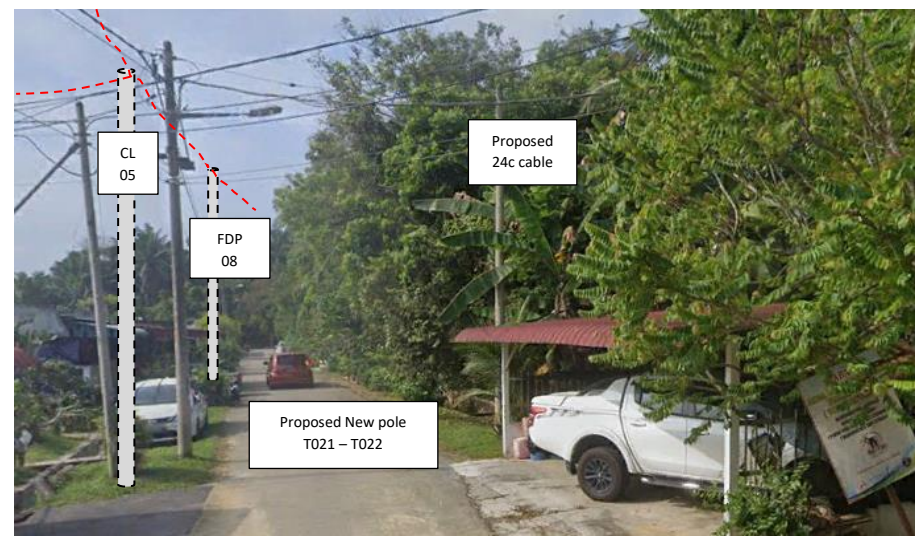
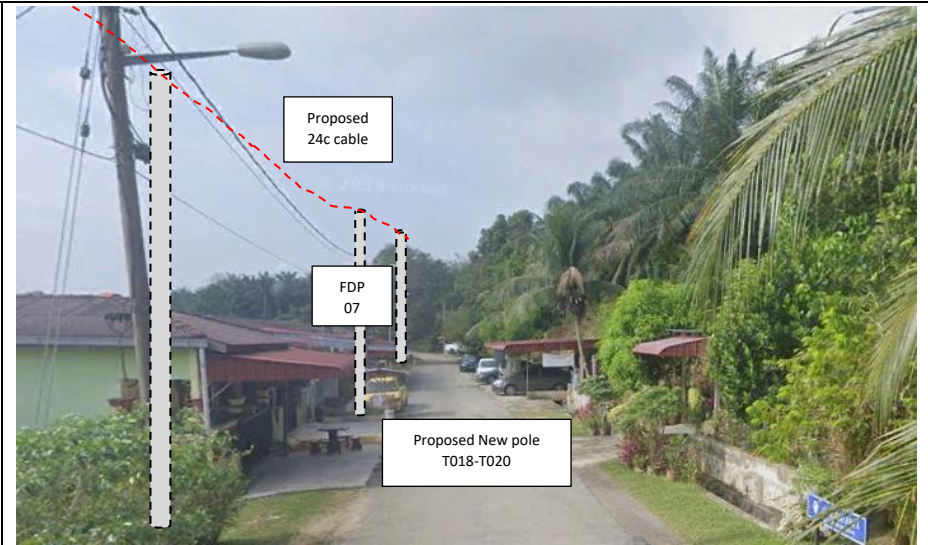
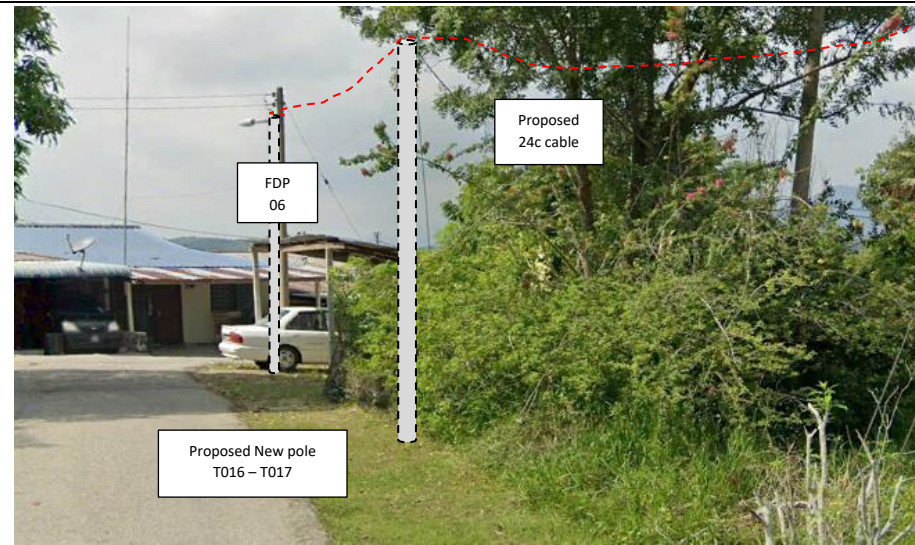
**Overall Pole (Proposed New)**

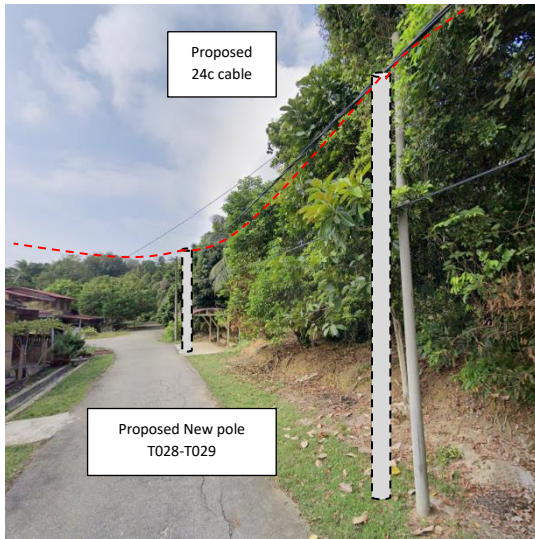
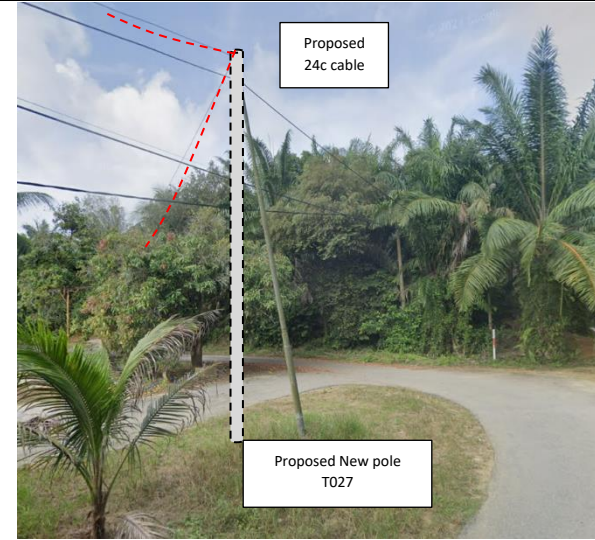
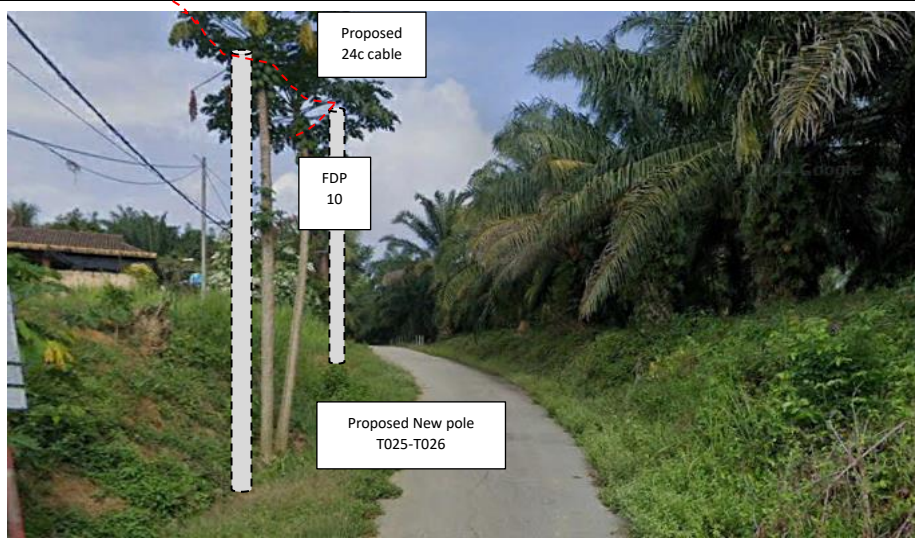
No	Pole ID	Distance (m)	Latitude	Longitude	Local Authority
1	T000	0.00	4.46543217981393	100.924599990413	Majlis Perbandaran Perak Tengah
2	T001	17.50	4.46558906670723	100.924610078161	Majlis Perbandaran Perak Tengah
3	T002	28.49	4.46584501302171	100.924612806855	Majlis Perbandaran Perak Tengah
4	T003	29.01	4.46610514638061	100.924628023673	Majlis Perbandaran Perak Tengah
5	T004	12.08	4.4662073591026	100.924664386995	Majlis Perbandaran Perak Tengah
6	T005	46.83	4.46634219678604	100.924265877333	Majlis Perbandaran Perak Tengah
7	T006	32.22	4.46607074812567	100.924165540542	Majlis Perbandaran Perak Tengah
8	T007	37.43	4.465734944405404	100.924148539052	Majlis Perbandaran Perak Tengah
9	T008	86.26	4.46646512928373	100.923889124962	Majlis Perbandaran Perak Tengah
10	T009	20.35	4.46645545594149	100.923706600603	Majlis Perbandaran Perak Tengah
11	T013	58.13	4.46696858133096	100.923803235514	Majlis Perbandaran Perak Tengah
12	T010	94.36	4.46612766528154	100.92369688278	Majlis Perbandaran Perak Tengah
13	T014	120.95	4.46720199823455	100.923858877146	Majlis Perbandaran Perak Tengah
14	T011	165.20	4.46572987977081	100.923671559467	Majlis Perbandaran Perak Tengah
15	T015	207.24	4.4675697376434	100.923955756436	Majlis Perbandaran Perak Tengah
16	T012	99.94	4.46670406824113	100.923717876707	Majlis Perbandaran Perak Tengah
17	T016	108.93	4.46767612847828	100.923605645096	Majlis Perbandaran Perak Tengah
18	T017	15.12	4.46779519012916	100.92367091993	Majlis Perbandaran Perak Tengah
19	T018	31.62	4.46753478833672	100.923557479618	Majlis Perbandaran Perak Tengah
20	T019	34.73	4.46723469208623	100.923472247229	Majlis Perbandaran Perak Tengah
21	T020	26.75	4.46700278448248	100.923409457557	Majlis Perbandaran Perak Tengah
22	T021	30.87	4.46672894866963	100.923365545356	Majlis Perbandaran Perak Tengah
23	T022	31.26	4.4664496287476	100.923337063253	Majlis Perbandaran Perak Tengah
24	T023	37.12	4.46611688113661	100.923314720801	Majlis Perbandaran Perak Tengah
25	T024	38.05	4.4657761299923	100.923287783347	Majlis Perbandaran Perak Tengah
26	T025	124.29	4.46687999667699	100.923120040777	Majlis Perbandaran Perak Tengah
27	T026	33.59	4.46696274495844	100.92282984867	Majlis Perbandaran Perak Tengah
28	T027	26.12	4.46701676456156	100.922601517686	Majlis Perbandaran Perak Tengah
29	T028	17.85	4.46689959759815	100.922492080688	Majlis Perbandaran Perak Tengah
30	T029	40.06	4.46653992970112	100.922479787176	Majlis Perbandaran Perak Tengah
31	T030	21.51	4.46651271331566	100.922671077226	Majlis Perbandaran Perak Tengah
32	T031	205.84	4.46767227827111	100.92411140432	Majlis Perbandaran Perak Tengah
33	T032	32.31	4.46796236211958	100.924120225402	Majlis Perbandaran Perak Tengah
34	T033	29.08	4.46822354010922	100.924113208148	Majlis Perbandaran Perak Tengah
35	T034	28.96	4.46848221552257	100.924085209239	Majlis Perbandaran Perak Tengah
36	T035	31.07	4.46824930824863	100.92393133572	Majlis Perbandaran Perak Tengah
37	T036	23.70	4.46825007476747	100.923718408149	Majlis Perbandaran Perak Tengah
38	T037	22.08	4.46824903840177	100.923520029025	Majlis Perbandaran Perak Tengah
39	T038	132.53	4.46766474654923	100.924557284135	Majlis Perbandaran Perak Tengah
40	T039	35.63	4.46798431981147	100.924574532321	Majlis Perbandaran Perak Tengah
41	T040	40.84	4.46835037947608	100.924550781955	Majlis Perbandaran Perak Tengah

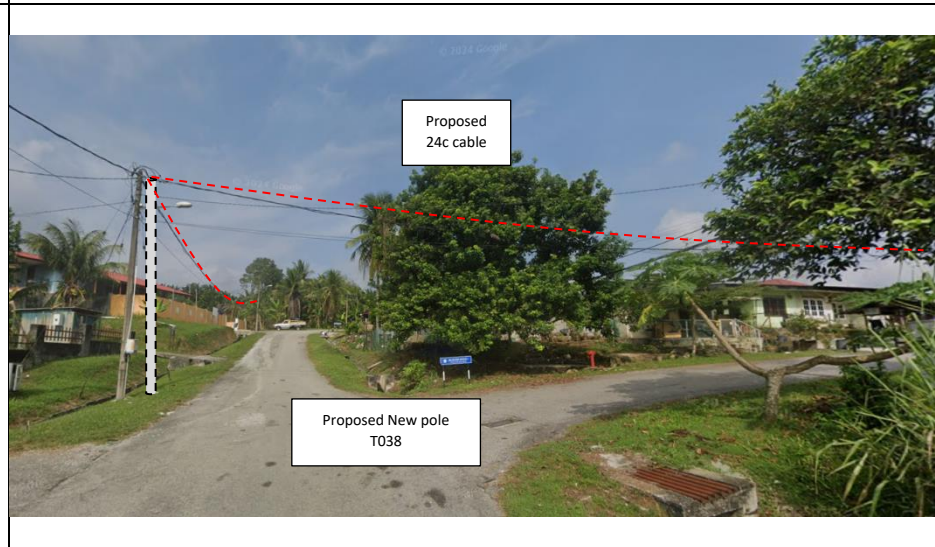
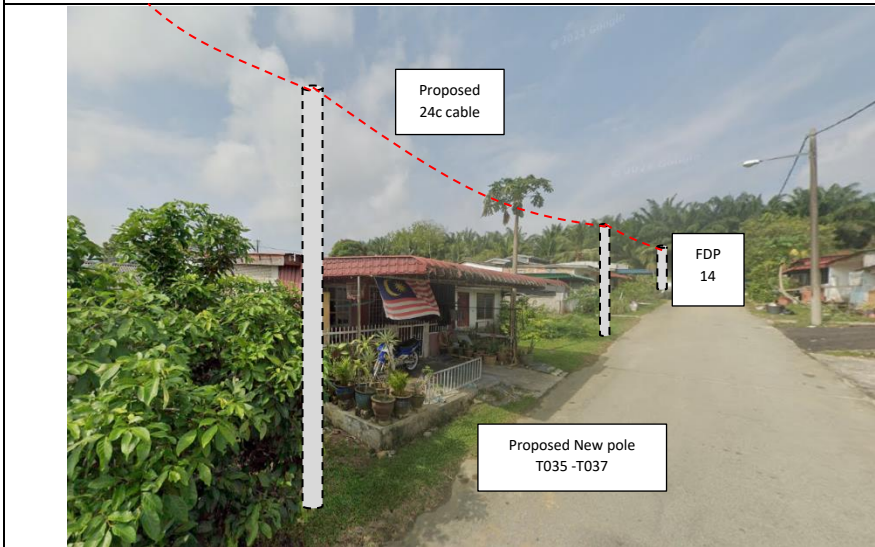
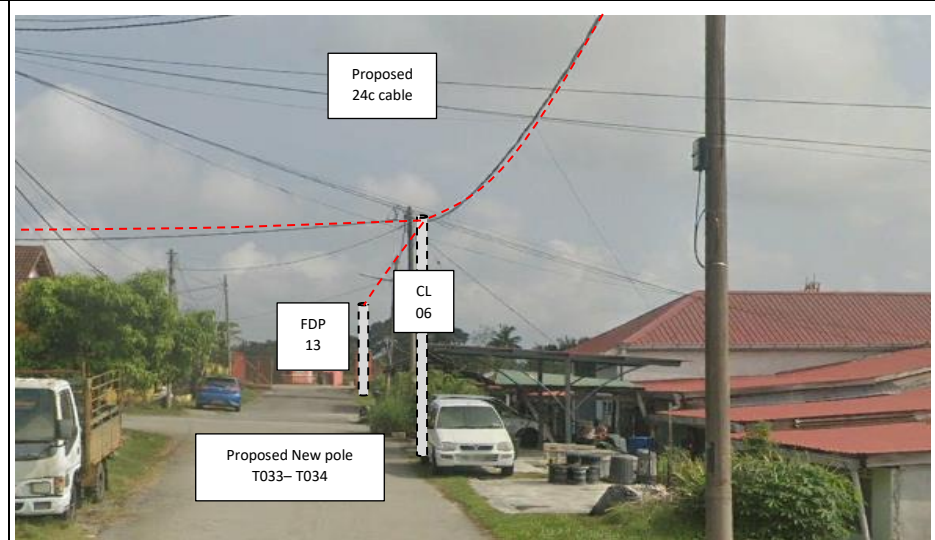
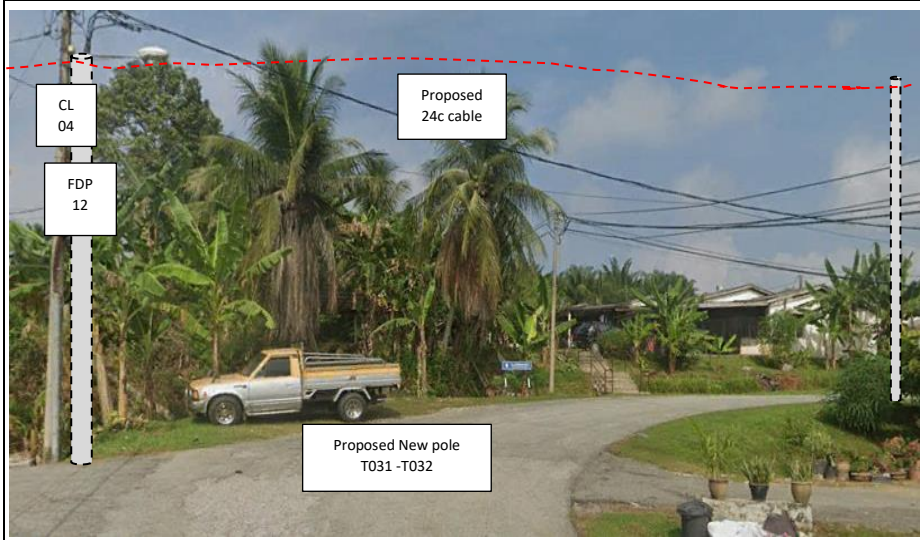
Site Photos – Proposed to install pole

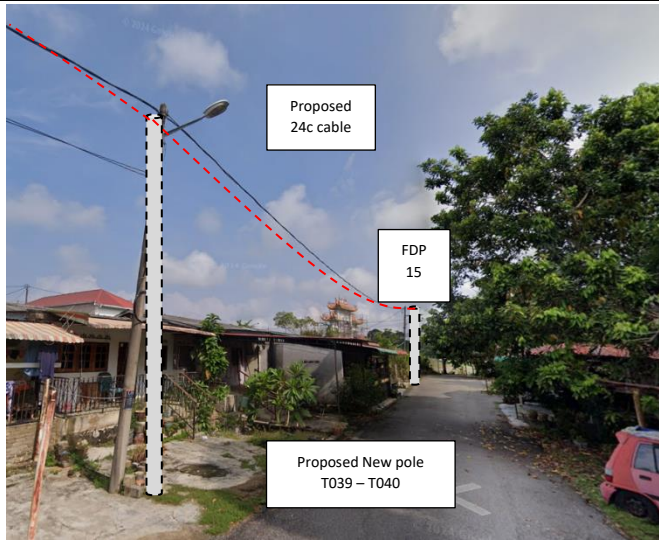












N/A



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	Majlis Perbandaran Perak Tengah	
2		
3		
4		
5		
6		



MTO-2 Pawi, Perak  
(Maahad Tahfiz Al-Quran  
Wal-Qiraat Addin 2  
Educational Institution)

Surau Tamar  
Seri Sayang

Gembira Emas  
Surak - Health  
consultant

SEKOLAH JENIS  
KEBANGSAAN  
(TAMIL) LADANG  
GLENEALY

Jalan Spueh - Batu Hampar

LEGEND	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.			
12C FOC		Installed 1:4 / 1:8 / 1:32 splitter		Installed Pole (9m)		Suspension		BE30 New Manhole (PIT)		Micro-Trenching (Meter)		MH1 MH NO.
24C FOC	1277	Installed Patch Cord		Installed Pole (7.5M)	41	Tension		BE7 New Manhole(JRC7)		Temporary Infra (Meter)		TKS-1 Existing TNB Pole NO.
48C FOC		FDC	1	Pole Ring		FDP Boundary		FDP with (1:8) splitter	15	Loop / Coil (Meter)		P001 New Pole NO.
96C FOC		Closure	6	Existing TNB Pole		Existing Manhole		Open Cut (Meter)		Active Outdoor Cabinet		CL01 Closure NO.
144C FOC		Existing Closure		Installed Riser						FDC NO.		DP1 FDP NO.

ACTUAL HOMEPASS :

KEY PLAN :  
  
POP2 PROJECT IN  
PERAK

OWNER/DEVELOPER :  
  
**APEX**  
COMMUNICATIONS SDN BHD  
  
APEX COMMUNICATIONS SDN BHD  
12th FLOOR, LEWNA, WAP SENG,  
80200 JALAN P. PINCE,  
KUALA LUMPUR

MAIN CONTRACTOR :  
  
**WCWL**  
COMMUNICATIONS SDN BHD  
  
WCWL COMMUNICATIONS SDN BHD  
127, JALAN PULU 3/2, TAMAN PUNCAK JAL,  
MAYANG PUTIH, PUNCAK  
43300 SENI KEMANGKAL, SELANGOR  
TEL : +603 8988 0983  
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  
ABD8451  
SEKOLAH JENIS KEBANGSAAN (TAMIL)  
LADANG GLENEALY

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 : ABD8451-ABD-01	Sheet : 1/3
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Size : A3	



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		UB30 New Manhole (PIT)		MH1 MH NO.
24C FOC	1277	Installed Patch Cord		Installed Pole (7.5M)	41	Tension		UB7 New Manhole(JRC7)		TKS-1 Existing TNB Pole NO.
48C FOC		FDC	1	Installed Pole (6.7M)		Pole Ring		FDP Boundary		P001 New Pole NO.
96C FOC		Closure	6	Existing TNB Pole		FDP with (1:8) splitter	15	HDD (Meter)		CL01 Closure NO.
144C FOC		Existing Closure		Installed Riser		Existing Manhole		Open Cut (Meter)		DP1 FDP NO.

ACTUAL HOMEPASS :

KEY PLAN :  
**POP2 PROJECT IN PERAK**

OWNER/DEVELOPER :  
**APEX COMMUNICATIONS SDN BHD**  
APEX COMMUNICATIONS SDN BHD  
12th FLOOR, WIDAMAN IMP BLDG,  
50250 JALAN P. RAJALEK,  
KUALA LUMPUR

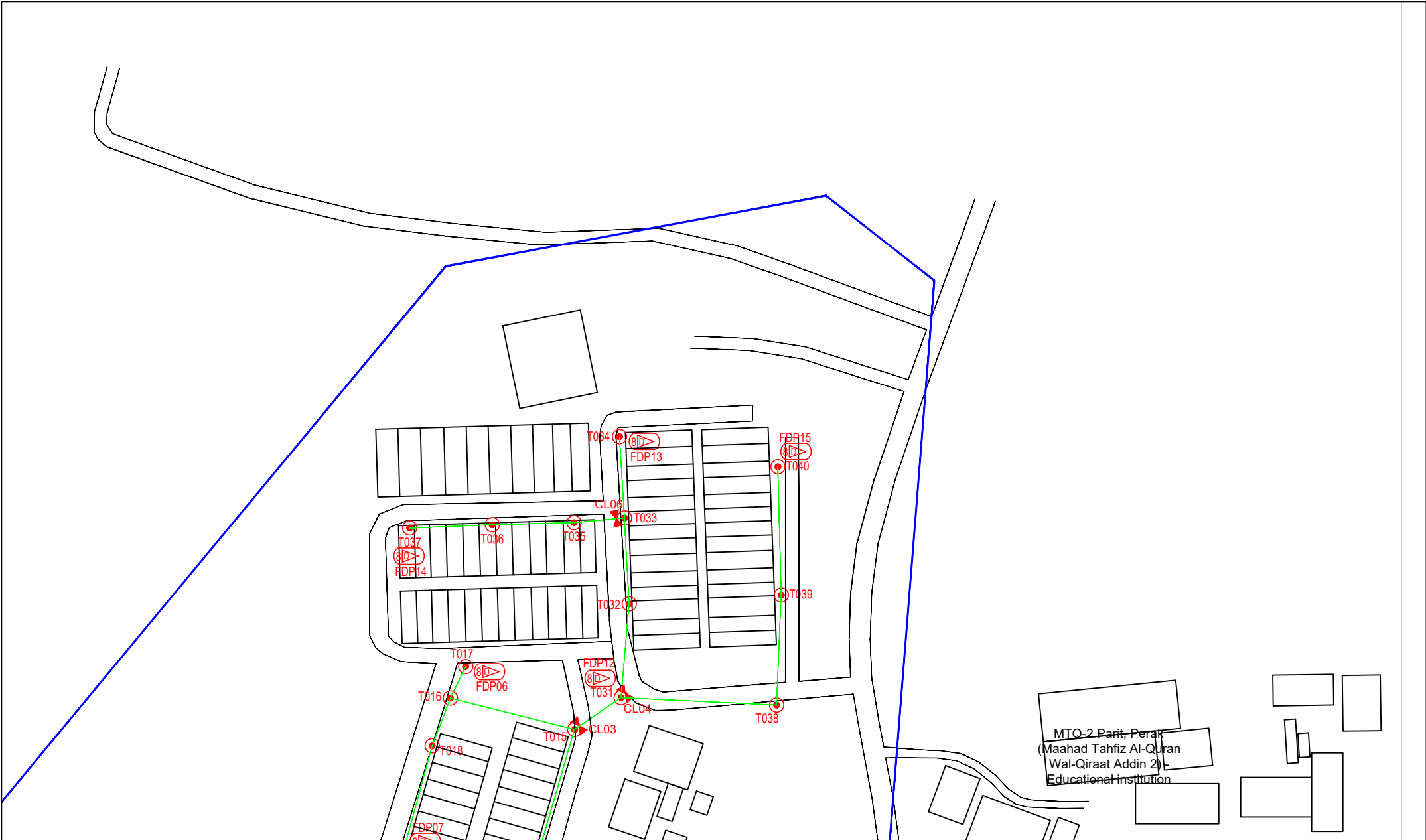
MAIN CONTRACTOR :  
**WCWL COMMUNICATIONS SDN BHD**  
WCWL COMMUNICATIONS SDN BHD  
127, JALAN PUU 3/3, TAMAN PUNJANG JAYA,  
PENGKALAN PUTRA, SELANGOR  
43300 SERI KEMBANGAN, SELANGOR  
TEL: +603 9288 5903  
E-MAIL: info@wcwlcommunications.com.my

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

DRAWING TITLE:  
**AS-BUILT SITE PLAN DRAWING ABD8451**  
**SEKOLAH JENIS KEBANGSAAN (TAMIL) LADANG GLENEALY**

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 : <b>ABD8451-ABD-01A</b>	Sheet : <b>2/3</b>
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MTQ-2 Parit, Perak  
(Maahad Tahfiz Al-Quran  
Wal-Qiraat Addin 2)  
Educational institution

LEGEND	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.			
12C FOC		Installed 1:4 / 1:8 / 1:32 splitter		Installed Pole (9m)	41	Suspension		New Manhole (PIT)		Micro-Trenching (Meter)		MH1	MH NO.
24C FOC	1277	Installed Patch Cord		Installed Pole (7.5M)		Tension		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	6	Existing TNB Pole		FDP with (1:8) splitter	15	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**  
APEX COMMUNICATIONS SDN BHD  
126 FLOOR, MENARA IMP SDG,  
50250 JALAN P. RAJALEK,  
KUALA LUMPUR

MAIN CONTRACTOR :  
**WCWL COMMUNICATIONS SDN BHD**  
WCWL COMMUNICATIONS SDN BHD  
127, JALAN PULU 3/2, TAMAN PUNCAK JAYA,  
PUSAT PERKAMPARAN PUSAT  
43000 SEMBANG, SELANGOR  
TEL: +603 9088 5963  
E-MAIL: info@wcwcommunications.com.my

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

DRAWING TITLE:  
AS-BUILT SITE PLAN DRAWING  
ABD8451  
SEKOLAH JENIS KEBANGSAAN (TAMIL)  
LADANG GLENEALY

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 : ABD8451-ABD-01B	Sheet : 3/3
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Size : A3	