

## TECHNICAL PROPOSAL POP2 ABDB016 SEKOLAH JENIS KEBANGSAAN (TAMIL) TUN SAMBANTHAN

**Company Name** : T&H PANJI EMPIRE SDN BHD  
**Company Address** : 39A Jalan Jelapang 5, Pusat Komersial Jelapang, 30020 Ipoh, Perak Darul Ridzuan.  
**Prepared By** : Muhamad Hasif Bin Mohamed Hanif  
**Date** : 9/12/2024



**Point A**



**Point B**

### Starting Point

**Site / Boundary Name** : BAGAN PASIR  
**Address** : SJKT TUN SAMBANTHAN  
**District** : HILIR PERAK  
**Postcode** : 36300  
**State** : Perak  
**GPS Coordinate** : 3.891185, 100.818778  
**LRD** : A

### End Point

**Site / Boundary Name** : BAGAN PASIR  
**Address** : TAMAN BAGAN PASIR  
**District** : HILIR PERAK  
**Postcode** : 36300  
**State** : Perak  
**GPS Coordinate** : 3.892595, 100.816446  
**LRD** : B



PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENT (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	QUANTITY
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

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fiber Cables	m	0
2	Install New Pole	ea	37
3	Install New JRC7 Manhole	m	0
4	Install GI Riser 100mm	ea	0
5	Install Fiber Distribution Point	ea	15
6	Closure (Splicing, Termination and Testing)	ea	2



PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENT (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))



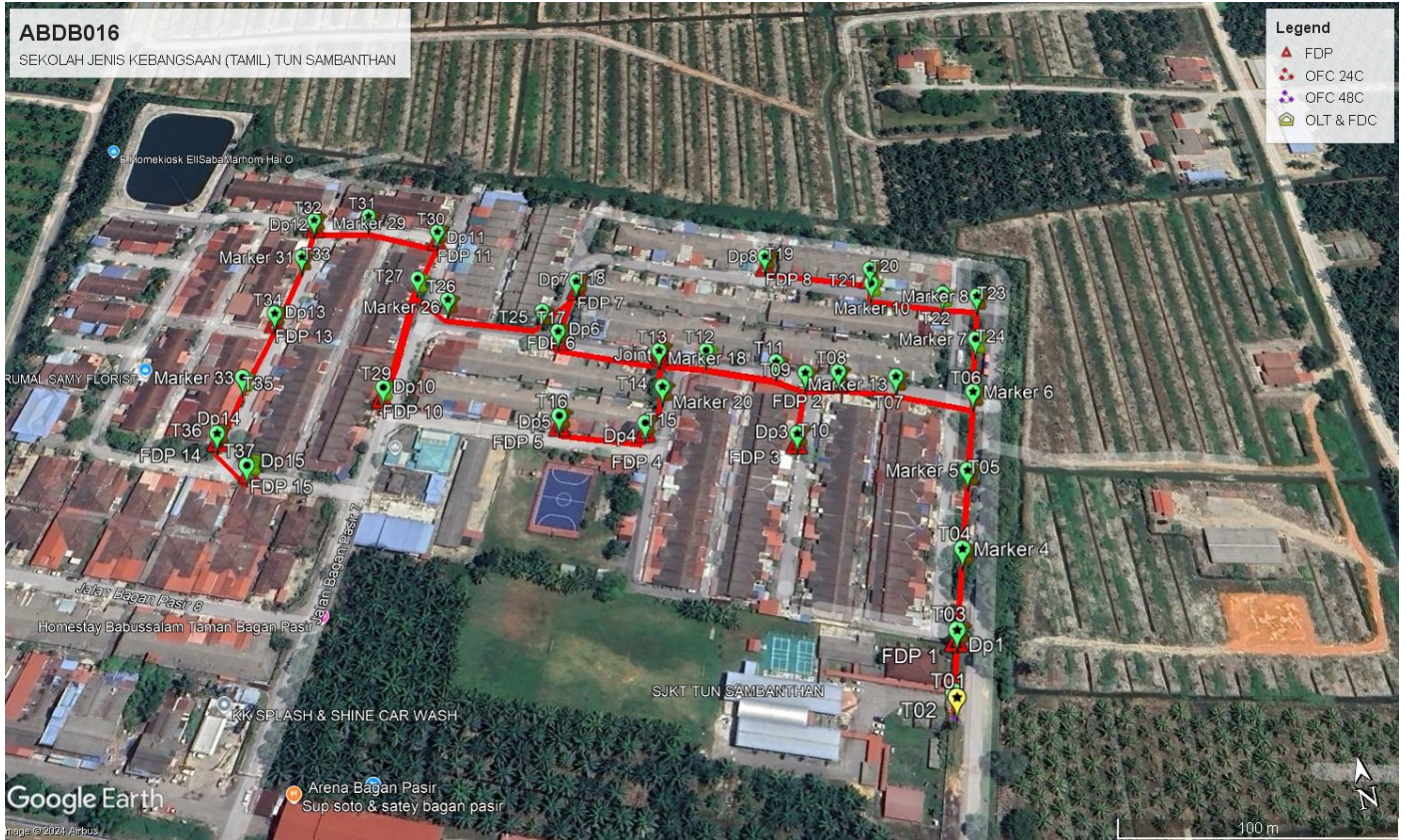
## 2.0 LOCAL AUTHORITY SUMMARY

Daerah Hilir Perak

NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	-	-
		Majlis	37	1500
		Estate / Private Land	-	-
<b>Total Distance (m)</b>				<b>1500</b>

### 3.0 SITE PLAN (KMZ)

#### 3.1 Overview Site Area



3.2 Overview FDP Location



3.3 Site Plan - KMZ Routing (All Local Authority)



Red Colour - Majlis Road



PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENT (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))



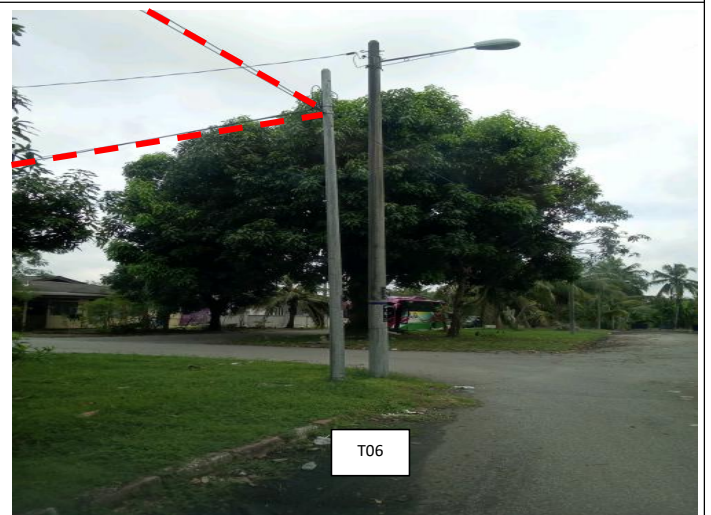
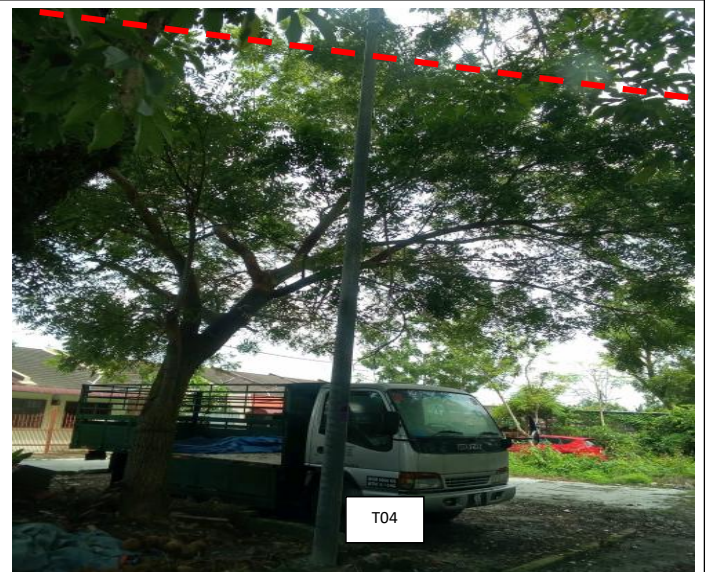
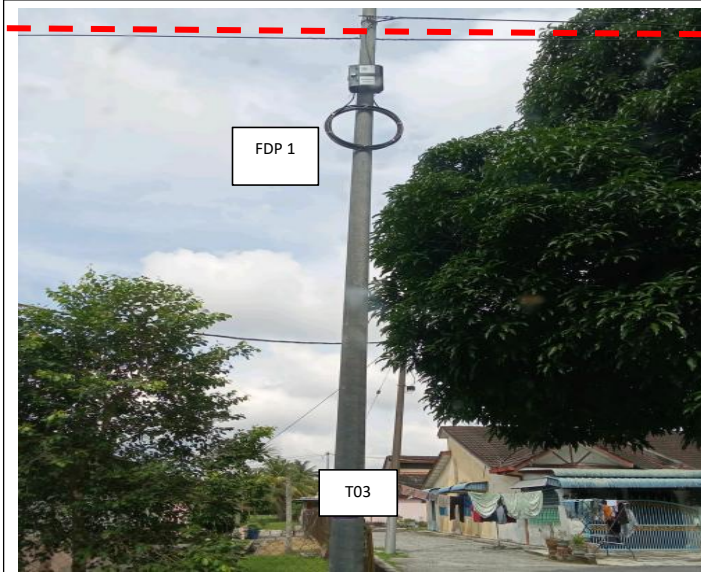
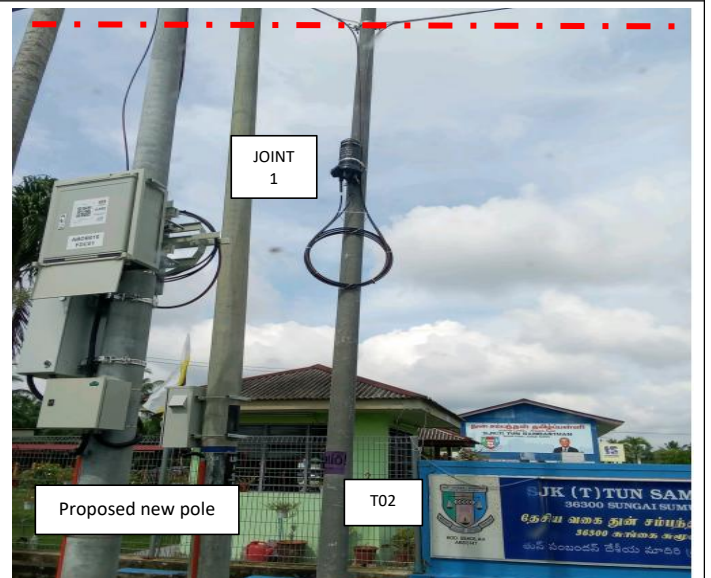
#### 4.0 PROPOSED NEW MANHOLE

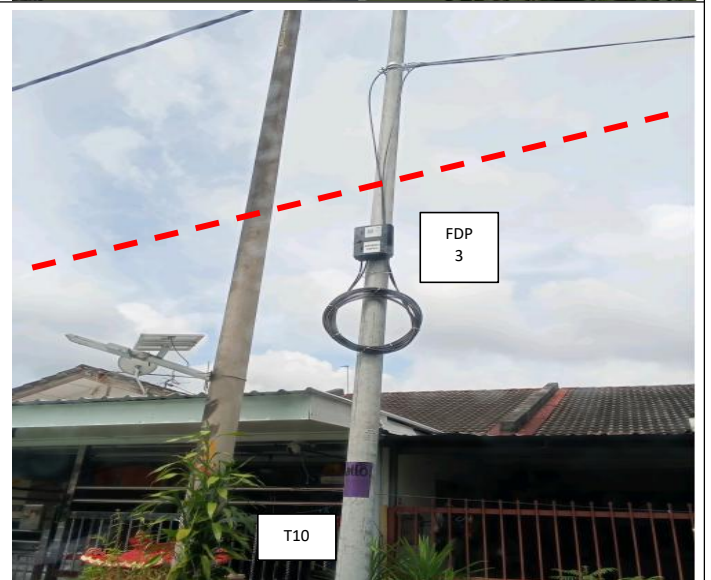
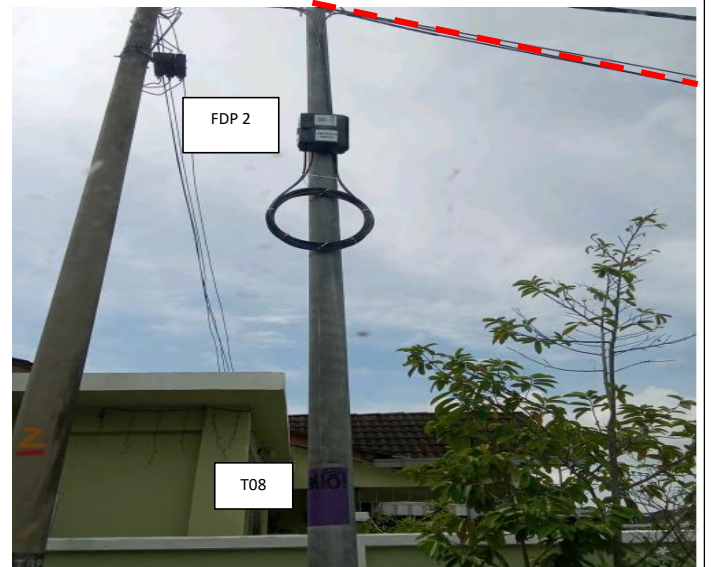
Proposed New Manhole Coordinate					
No.	Manhole Number	Distance (m)	Latitude	Longitude	Local Authority
1	MH01	-	-	-	-
2	MH02	-	-	-	-

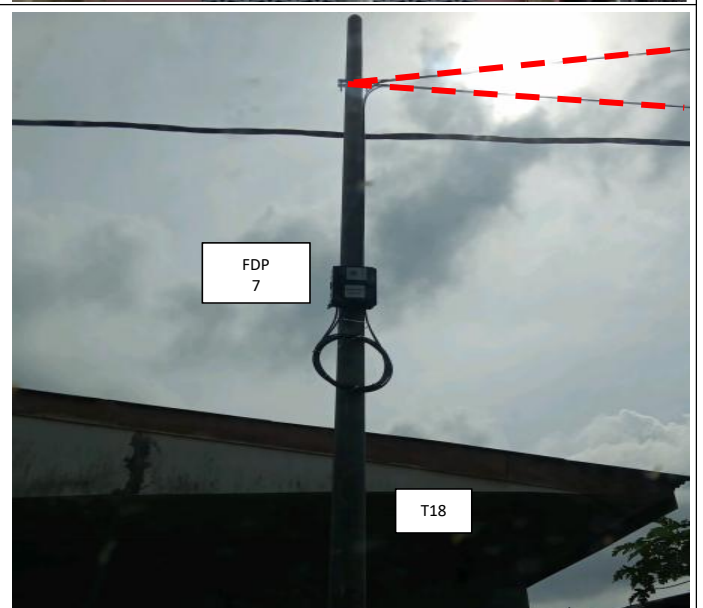
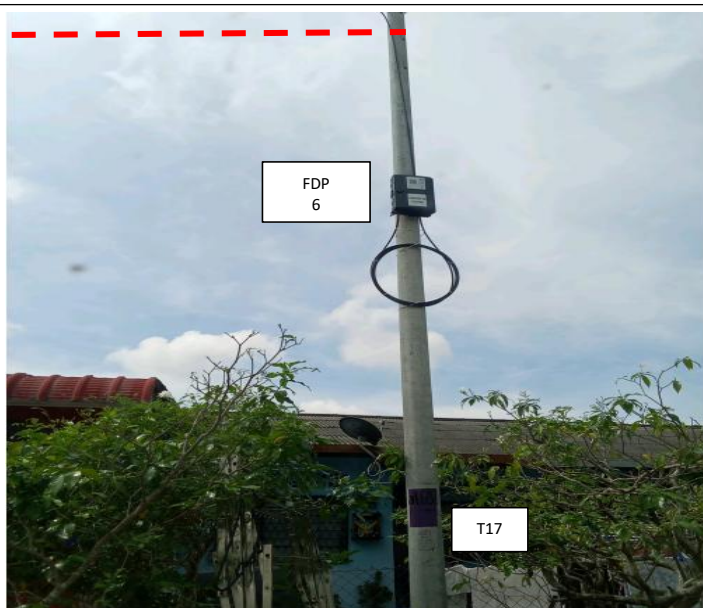
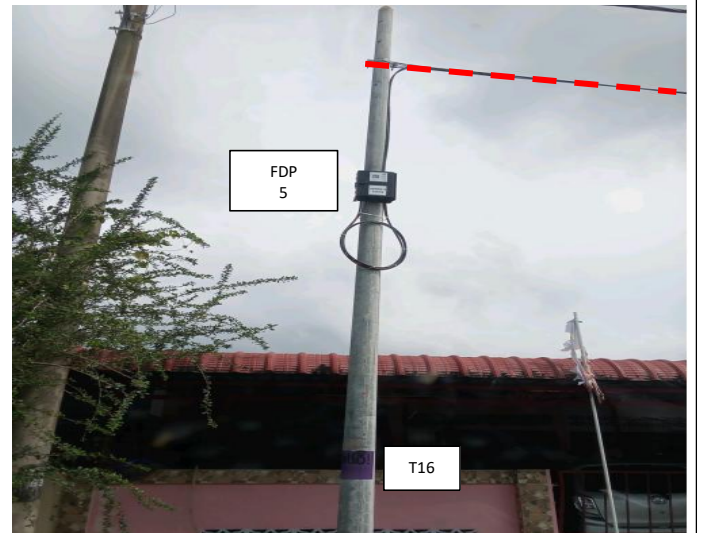
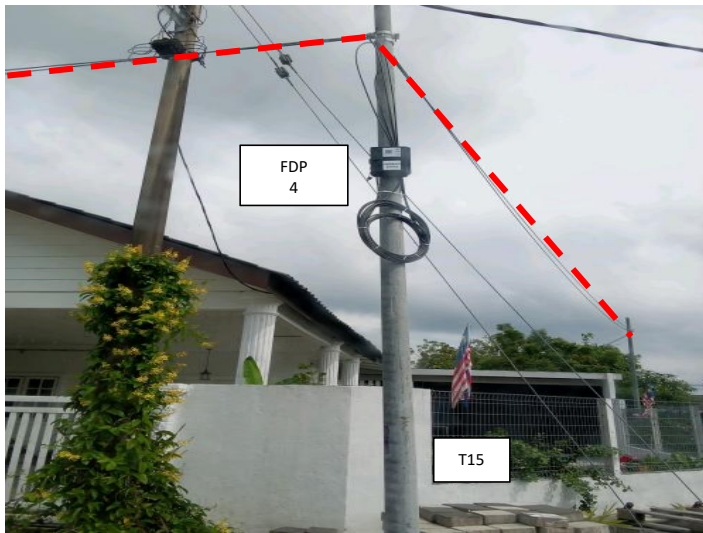
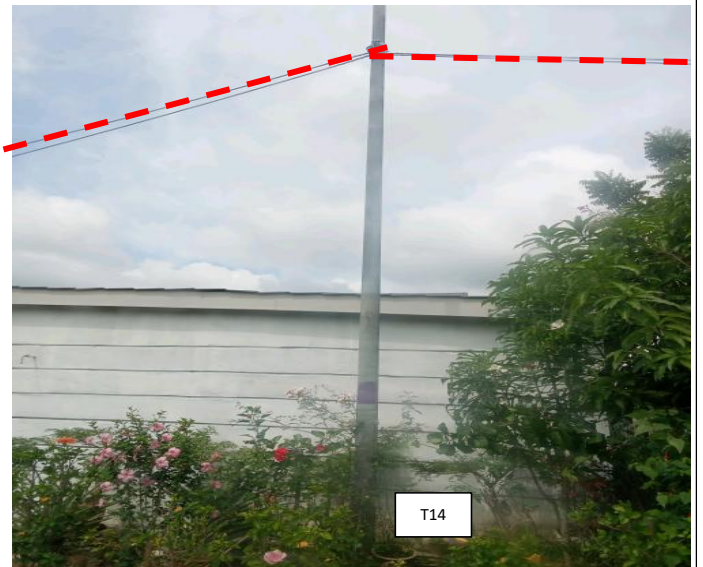
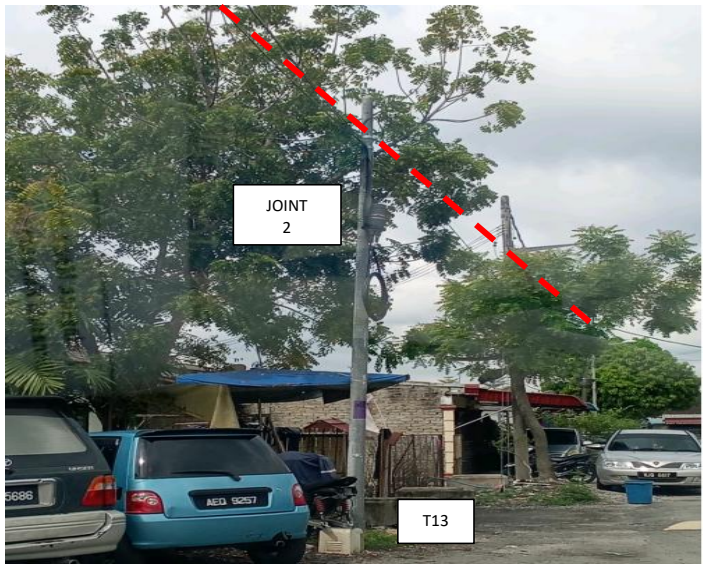
### 5.0 PROPOSED NEW POLE

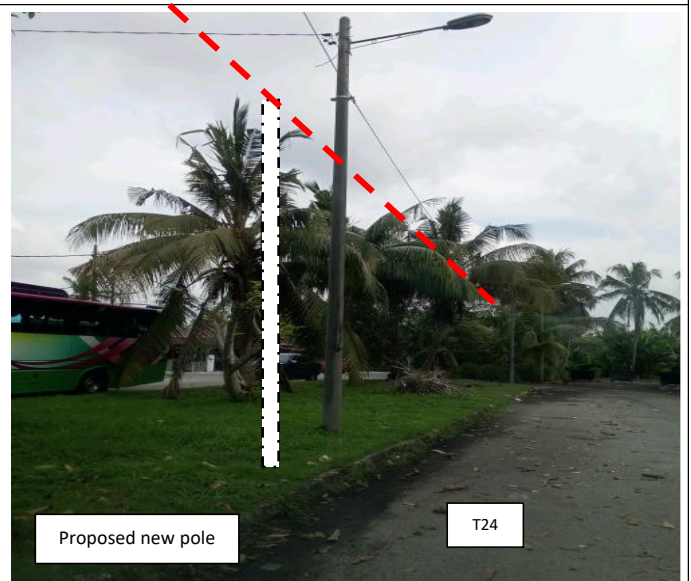
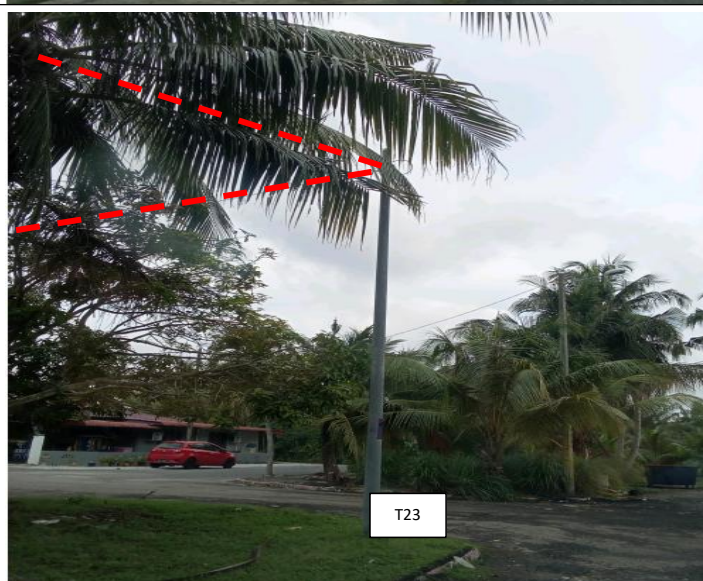
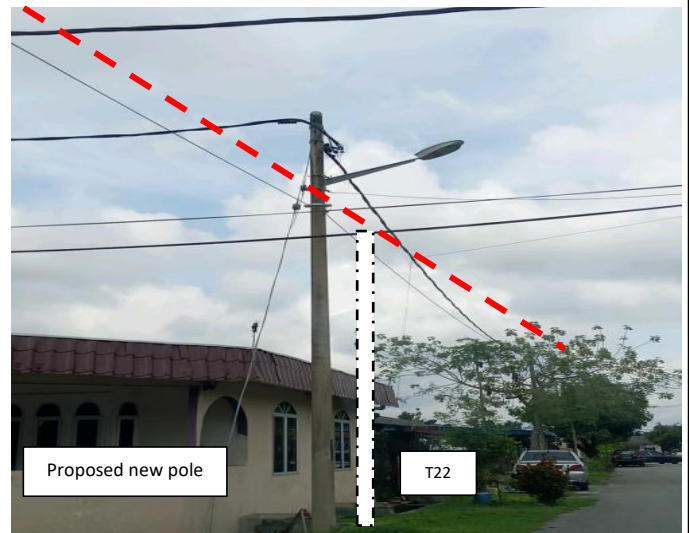
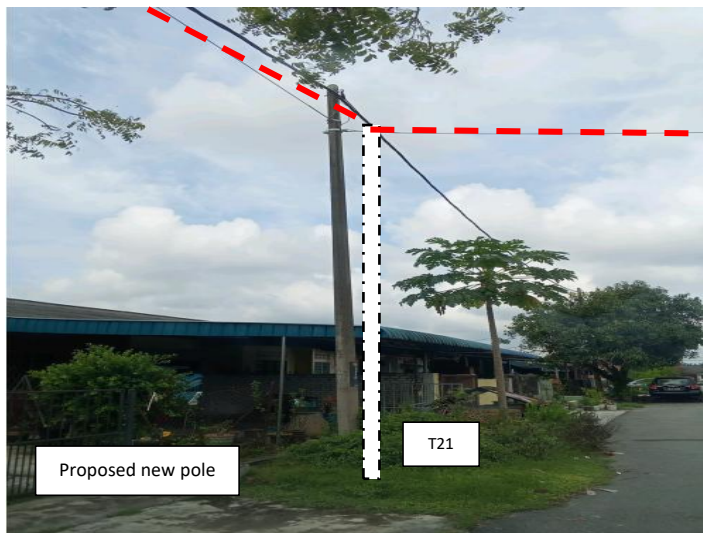
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001 (OLT&FDC)	3	3.891181	100.818771	HILIR PERAK
2	T002 (JOINT 1)	28	3.891200	100.818767	HILIR PERAK
3	T003	36	3.891415	100.818851	HILIR PERAK
4	T004	37	3.891714	100.818972	HILIR PERAK
5	T005	41	3.892025	100.819097	HILIR PERAK
6	T006	33	3.892363	100.819235	HILIR PERAK
7	T007	26	3.892489	100.818956	HILIR PERAK
8	T008 (FDP 2)	15	3.892565	100.818741	HILIR PERAK
9	T009	34	3.892559	100.818612	HILIR PERAK
10	T010 (FDP 3)	15	3.892310	100.818509	HILIR PERAK
11	T011	32	3.892664	100.818513	HILIR PERAK
12	T012	22	3.892781	100.818252	HILIR PERAK
13	T013 (JOINT 2)	21	3.892817	100.818066	HILIR PERAK
14	T014	20	3.892635	100.818045	HILIR PERAK
15	T015 (FDP 4)	37	3.892478	100.817948	HILIR PERAK
16	T016 (FDP 5)	46	3.892576	100.817628	HILIR PERAK
17	T017 (FDP 6)	31	3.892991	100.817682	HILIR PERAK
18	T018 (FDP 7)	24	3.893240	100.817794	HILIR PERAK
19	T019 (FDP 8)	50	3.893222	100.818604	HILIR PERAK
20	T020 (FDP 9)	10	3.893051	100.819014	HILIR PERAK
21	T021	33	3.892972	100.818997	HILIR PERAK
22	T022	16	3.892853	100.819268	HILIR PERAK
23	T023	25	3.892811	100.819402	HILIR PERAK
24	T024	29	3.892604	100.819327	HILIR PERAK
25	T025	34	3.893108	100.817632	HILIR PERAK
26	T026	20	3.893246	100.817260	HILIR PERAK
27	T027	41	3.893379	100.817146	HILIR PERAK
28	T028	23	3.893036	100.817041	HILIR PERAK
29	T029 (FDP 10)	29	3.892844	100.816972	HILIR PERAK
30	T030 (FDP 11)	35	3.893626	100.817250	HILIR PERAK
31	T031	26	3.893775	100.816966	HILIR PERAK
32	T032 (FDP 12)	23	3.893802	100.816734	HILIR PERAK
33	T033	35	3.893592	100.816678	HILIR PERAK
34	T034 (FDP 13)	36	3.893313	100.816563	HILIR PERAK
35	T035	29	3.893009	100.816432	HILIR PERAK
36	T036 (FDP 14)	23	3.892765	100.816335	HILIR PERAK
37	T037 (FDP 15)	23	3.892617	100.816457	HILIR PERAK

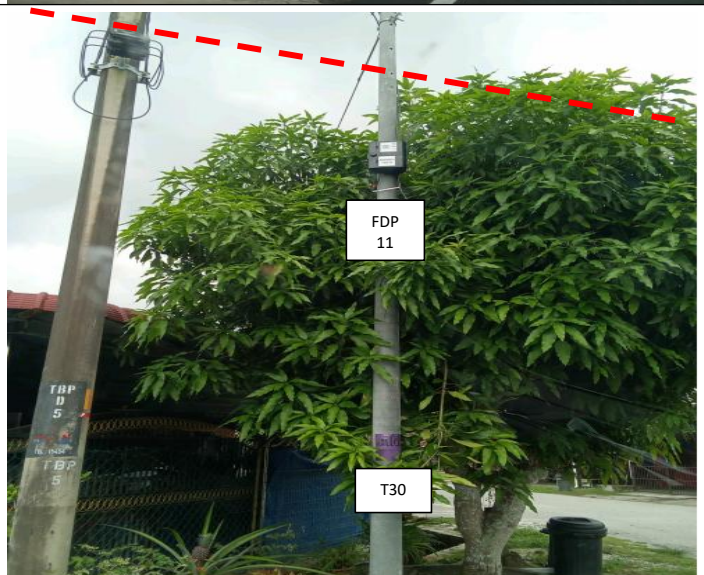
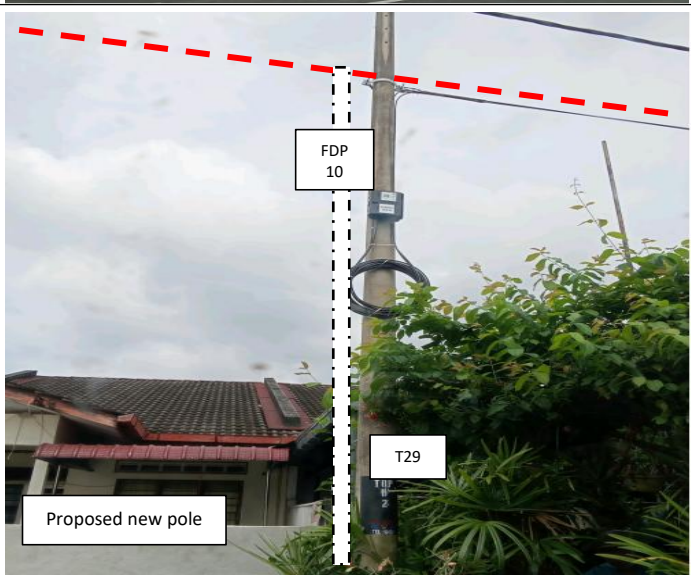
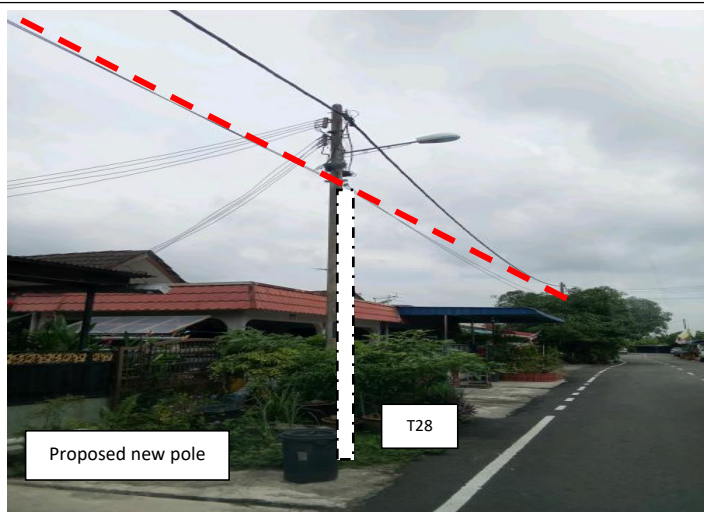
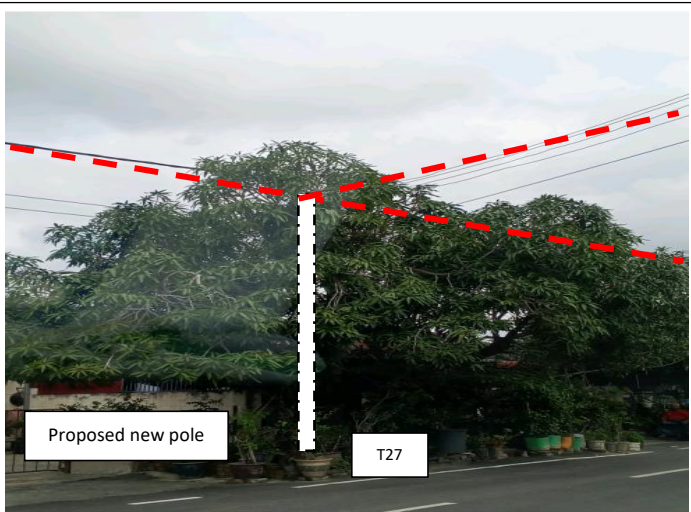
6.0 SITE PHOTOS - PROPOSED NEW POLE

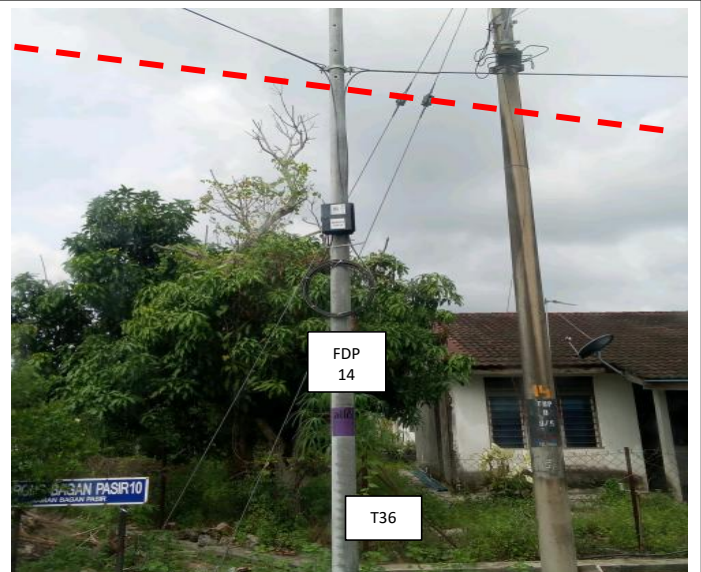
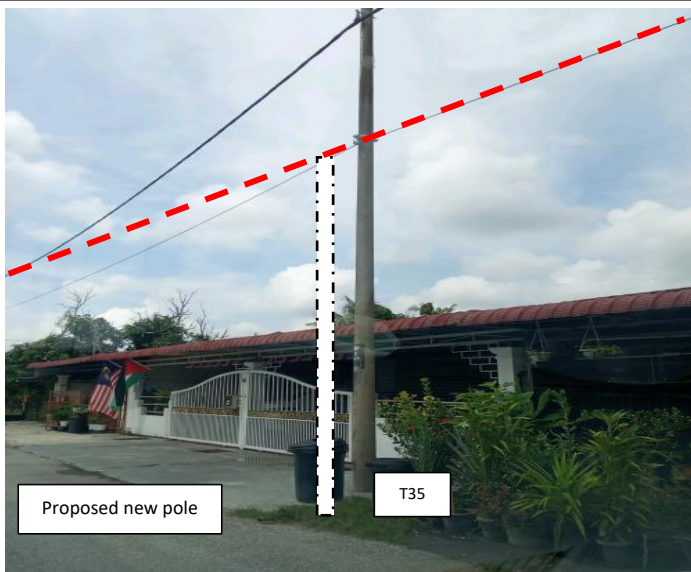
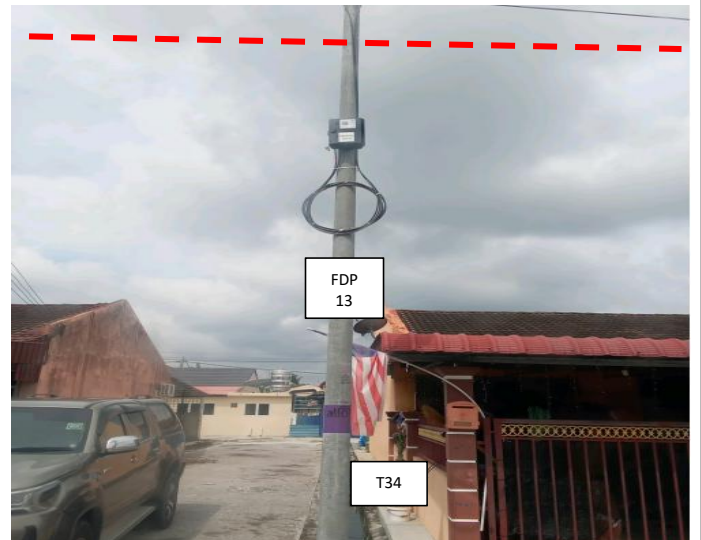
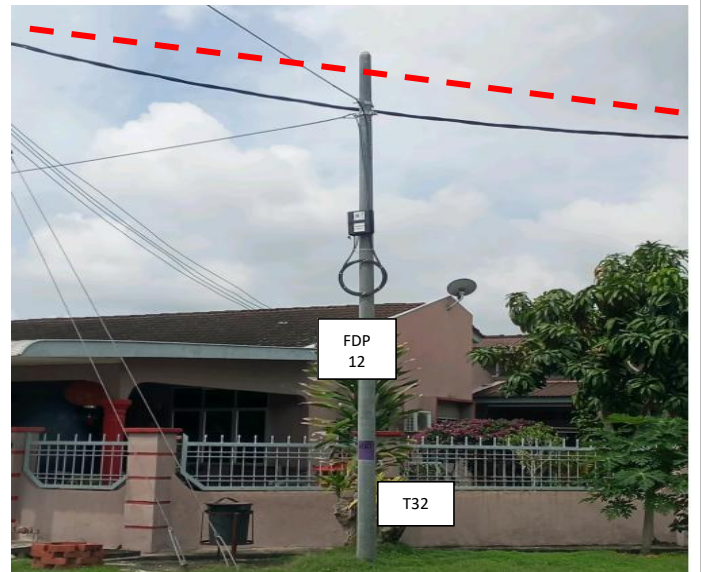


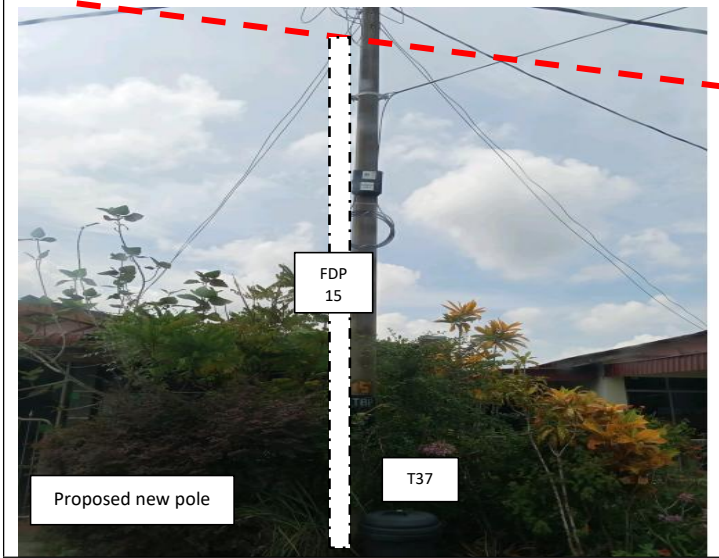














PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENT (POP) FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA (KKMM.400-11/17/132(1))



#### 7.0 3<sup>rd</sup> PARTIES DEPENDENCIES

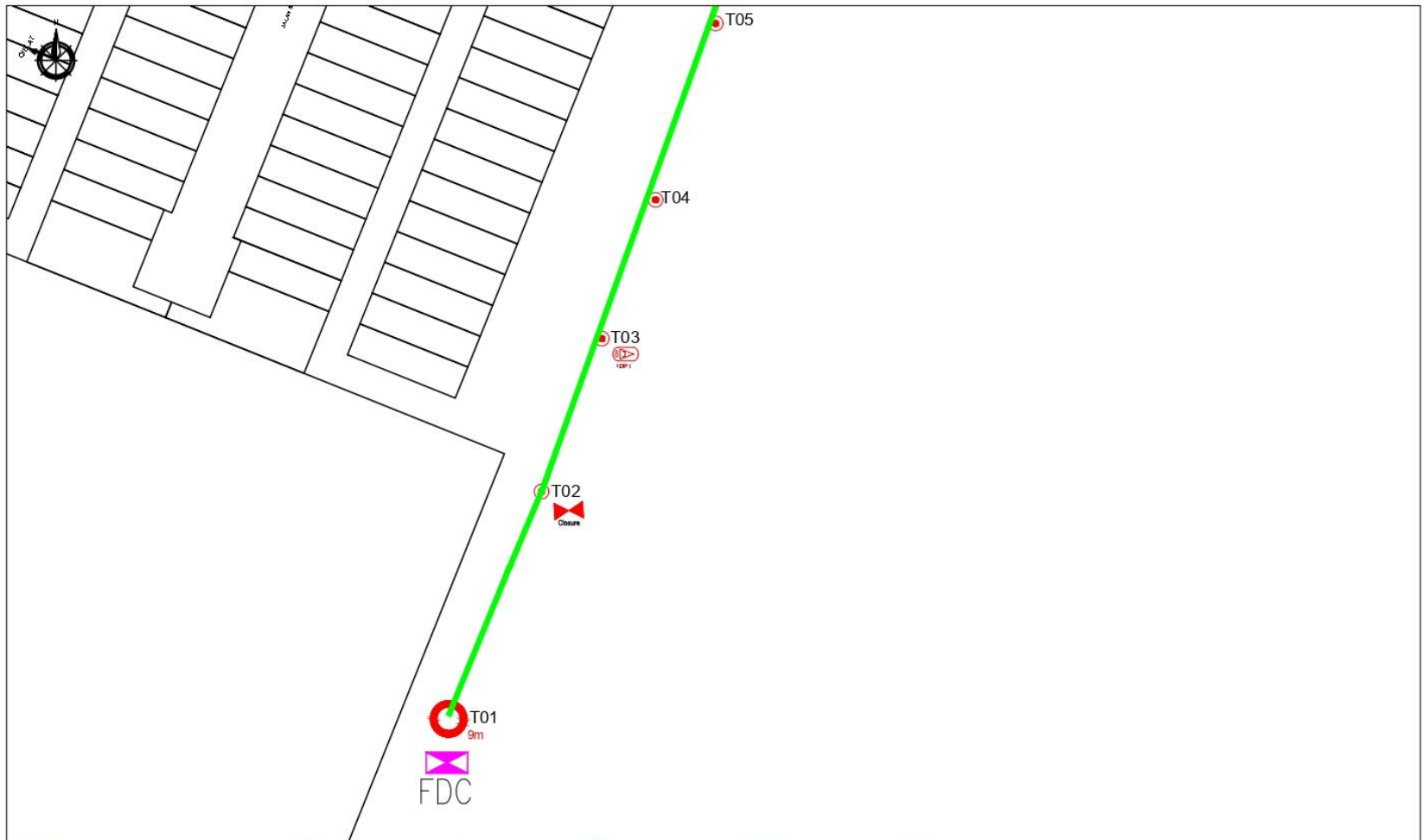
NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Perbandaran Teluk Intan	1500M



12C FOC	Installed 1x / 1.8 / 1.32 splitter	Installed Pole (6m)	Suspension Tension	CS3 New Manhole (PT)	Micro-Trenching (Meter)	MR1 MR NO.
24C FOC	Installed Patch Cord	Installed Pole (7.5M)	Pole Ring	CS4 New Manhole (R/C)	Temporary Inlay (Meter)	RS-1 Existing TMB Pole NO.
48C FOC	FDC	Installed Pole (6.7M)	FDP with (1.8) splitter	FDP Boundary	Loop / Coil (Meter)	RS01 New Pole NO.
96C FOC	Closure	Existing TMB Pole	Existing Manhole	HDD (Meter)	Active Outdoor Cabinet	CL01 Closure NO.
144C FOC	Existing Closure	Installed Riser	Open Cut (Meter)	Open Cut (Meter)	FDC NO.	DF1 FDP NO.




ACTUAL HOMEPASS :

<b>KEY PLAN:</b> 	<b>PROJECT OWNER:</b> 	<b>MAIN CONTRACTOR:</b> 	<b>SUB-CONTRACTOR:</b> 	<b>PROJECT TITLE:</b> PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN BERKUALITI KOMUNITI PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA (KKMM-400-11/17/132/1)	<b>DRAWING TITLE:</b> LAYOUT PLAN - SJK TAMIL TUN SAMBANTHAN	Design By : NFH Date : 09 DEC 2024
					<b>DRAWING NUMBER:</b> TSH/APEX/LAYOUT/TSSTN/001	Checked By : NFH Scale : NTS
<b>PROJECT PHASE:</b>				THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF TSH PANA EMPRE SDN BHD		Size :



12C FOC	Installed 1/4 / 1/8 / 1/32 splitter	Installed Pole (9m)	Suspension Tension	New Manhole (RT)	Micro-Trenching (Meter)	MH	MH NO.
24C FOC	Installed Patch Cord	Installed Pole (7.5M)	Pole Ring	New Manhole (RC7)	Temporary Infra (Meter)	TK-S-I	Existing TNB Pole NO.
48C FOC	FDC	Installed Pole (6.7M)	FDP with (1/8) splitter	FDP Boundary	Loop / Coil (Meter)	P/O-I	New Pole NO.
96C FOC	Closure	Existing TNB Pole	Existing Manhole	HDD (Meter)	Active Outdoor Cabinet	CL-VI	Closure NO.
144C FOC	Existing Closure	Installed Riser	Existing Manhole	Open Cut (Meter)	FOC NO.	OP-I	FDP NO.

KEY PLAN:	PROJECT OWNER:  KEMENTERIAN KOMUNIKASI DAN DIGITAL	MAIN CONTRACTOR:  PRIVASAT	SUB-CONTRACTOR:  TAH PANJI EMPIRE SDN BHD 206, Jalan Jering 5, Pusat Perniagaan, 101-015, 101-016, 101-017	PROJECT TITLE: PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASIS 2: HAB INFRASTRUKTUR NGENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PRENS KERJAAN DAN KOMUNITI SEMENTARA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA (K/KM.M.400-11/17/132/1)	DRAWING TITLE: LAYOUT PLAN - SJK TAMIL TUN SAMBANTHAN	Design By : NFH Drawn By : NFH Checked By : NFH	Date : 09 DEC 2024 Scale : NTS Job Number :	DRAWING NUMBER : TAH/APEX/LAYOUT/TSBITN/001 Sheet : 01 / 07
PROJECT PHASE:					THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF TAH PANJI EMPIRE SDN BHD			

ACTUAL HOMEPASS :



12C FOC	Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	Suspension	New Manhole (P1)	Micro-Trenching (Meter)	NH1	MH NO.
24C FOC	Installed Patch Cord	Installed Pole (7.5M)	Tension	New Manhole (R/C7)	Temporary Infra (Meter)	TKR1	Existing TMB Pole NO.
48C FOC	FDC	Installed Pole (6.7M)	Pole Ring	FDP Boundary	Loop / Coil (Meter)	PR01	New Pole NO.
96C FOC	Closure	Existing TMB Pole	FSP with 1:8 splitter	HDC (Meter)	Active Outdoor Cabinet	OLE1	Closure NO.
144C FOC	Existing Closure	Installed Riser	Existing Manhole	Open Cut (Meter)	DCI	DF1	FDP NO.

**KEY PLAN**

**PROJECT OWNER:**  KEMENTERIAN KOMUNIKASI DAN DIGITAL

**MAIN CONTRACTOR:**  **APEX COMMUNICATIONS SDN BHD**

**SUB-CONTRACTOR:**  **T&H PAJU EMPIRE SDN BHD**

**PROJECT TITLE:** PROJEK PENYEDIAAN DAN PENYELENGKARAAN POINT OF REFERENCE (POR) FASK 2: HUB INFRASTRUKTUR SENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KEAJAIBAN DAN KOMUNITI SENTERNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA (K/KM/400-11/17/1.32(1))

**DRAWING TITLE:** LAYOUT PLAN - SJK TAMIL TUN SAMBANTHAN

**Design By :** NPH **Date :** 09 DEC 2024

**Drawn By :** NPH **Scale :** NTS

**Checked By :** NPH **Job Number :**

**DRAWING NUMBER :** T&H/APEX/LAYOUT/TSBTN/001 **Sheet :** 01 / 07

**PROJECT PHASE:**

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12C FDC	Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (8m)	Suspension	New Manhole (PIT)	Micro-Trenching (Meter)	NH1	MH NO.
24C FDC	Installed Patch Cord	Installed Pole (7.5M)	Tension	New Manhole (RC7)	Temporary Infra (Meter)	TK3-I	Existing TMB Pole NO.
48C FDC	FDC	Installed Pole (6.7M)	Pole Ring	FDP Boundary	Loop / Coil (Meter)	PH1	New Pole NO.
96C FDC	Closure	Existing TMB Pole	FDP with 1:8 splitter	ROD (Meter)	Active Outdoor Cabinet	CLH1	Closure NO.
144C FDC	Existing Closure	Installed River	Existing Manhole	Open Cut (Meter)	OH1	OP1	FDP NO.

ACTUAL HOMEPASS :

<p>KEY PLAN:</p> <p>KEMENTERIAN KOMUNIKASI DAN DIGITAL</p>	<p>PROJECT OWNER:</p> <p>PRIVASAT</p>	<p>MAIN CONTRACTOR:</p> <p>T&amp;H PANJI EMPIRE SDN BHD 201, Jalan Jelapang 5, Pekan Sentosa, Johore, 81000 Johor, Pahang Tel: 03-818 4048</p>	<p>SUB-CONTRACTOR:</p>	<p>PROJECT TITLE:</p> <p>PROJEK PENYEDIAAN DAN PENYELENGKARAAN POINT OF PRESENCE (POP) FASA 2: H&amp;B INFRASTRUKTUR NGENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PRENS KERAJAAN DAN KOMUNITIS EKSTARIYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA (KMM400-11/17/132/1)</p>	<p>DRAWING TITLE:</p> <p>LAYOUT PLAN - SJK TAMIL TUN SAMBANTHAN</p>	<p>Design By : NPH</p> <p>Drawn By : NPH</p> <p>Checked By : NPH</p> <p>DRAWING NUMBER : T&amp;H/APEX/LAYOUT/TSBTN/001</p> <p>THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF T&amp;H PANJI EMPIRE SDN BHD</p>	<p>Date : 09 DEC 2024</p> <p>Scale : NTS</p> <p>Job Number :</p> <p>Sheet : 01 / 07</p> <p>Size :</p>
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