

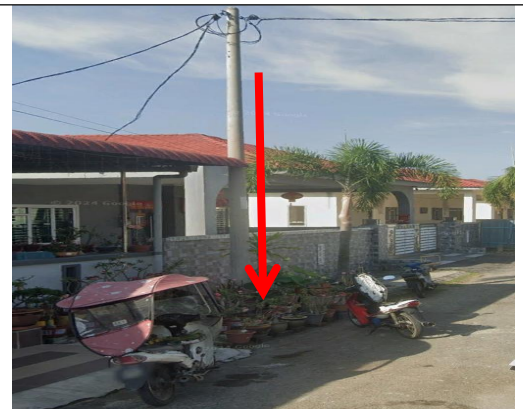
TECHNICAL PROPOSAL

POP2 ABCB005 SEKOLAH JENIS KEBANGSAAN (CINA) SIN MIN

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 : 12/12/2024



Point A



Point B

Starting Point

Site / Boundary Name : SUNGAI TIANG
Address : SJK(C) SIN MIN
District : TELUK INTAN
Postcode : 36200
State : Perak
GPS Coordinate : 3.907909, 100.713792
LRD : A

End Point

Site / Boundary Name : SUNGAI TIANG
Address : KAMPUNG SUNGAI TIANG
District : TELUK INTAN
Postcode : 36200
State : Perak
GPS Coordinate : 3.910249, 100.713398
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	3000M
2	Install New Pole	ea	86
3	Install New JRC7 Manhole	m	0
4	Install GI Riser 100mm	ea	0
5	Install Fiber Distribution Point	ea	30
6	Closure (Splicing, Termination and Testing)	ea	4



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

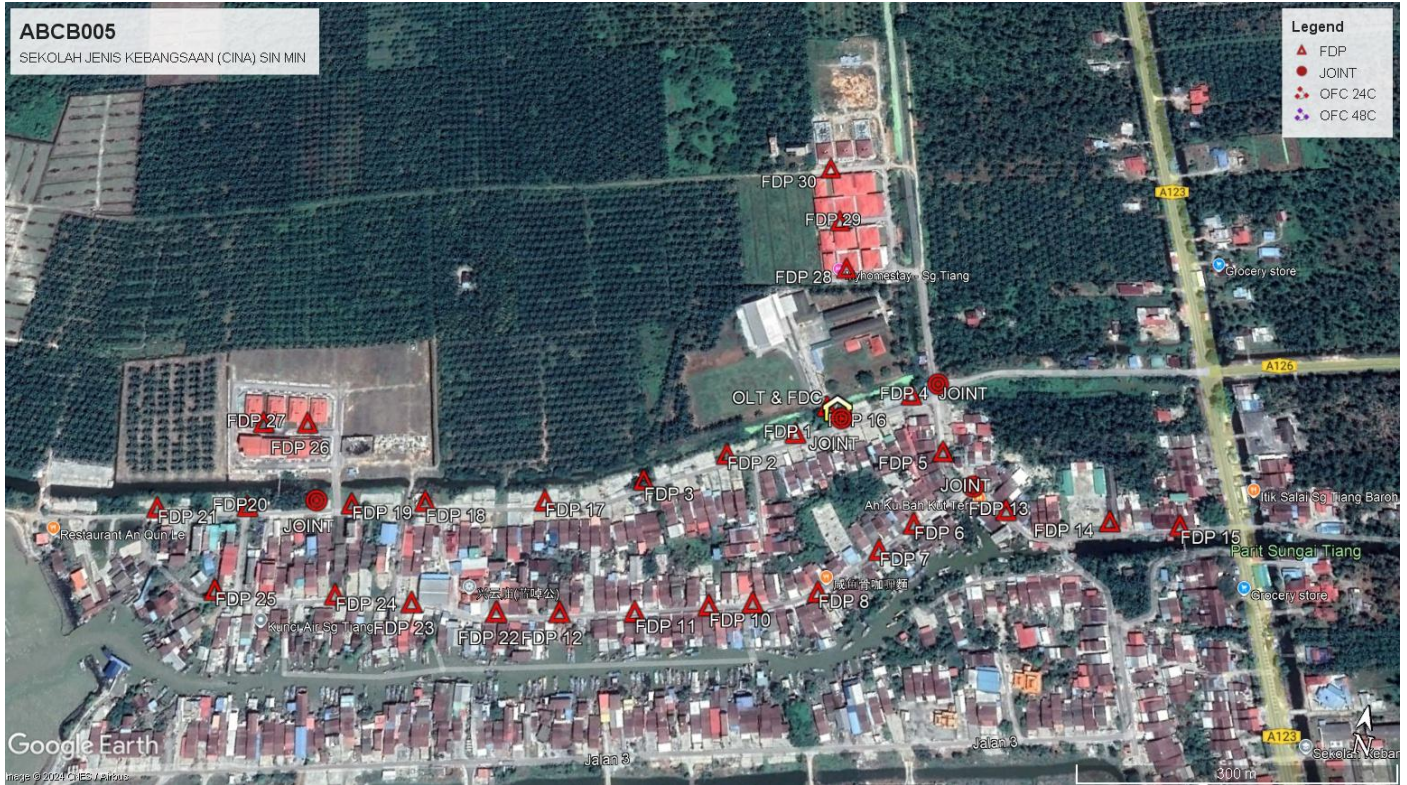
NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	-	-
		Majlis	86	3000M
		Estate / Private Land	-	-
Total Distance (m)				3000

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	-	-	-	-

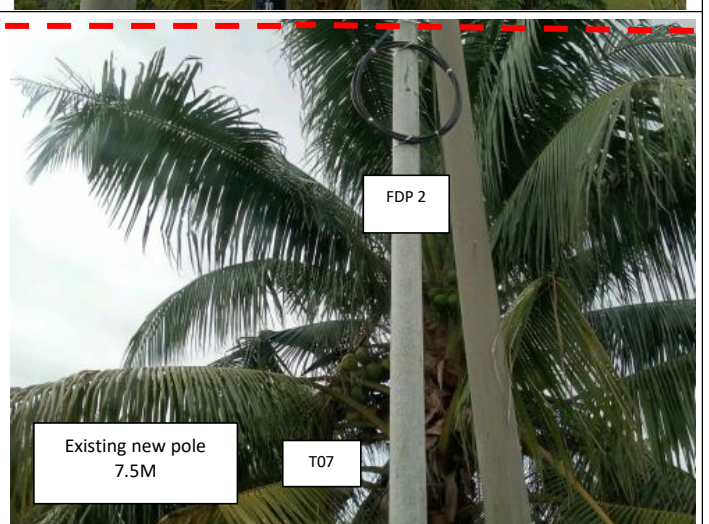
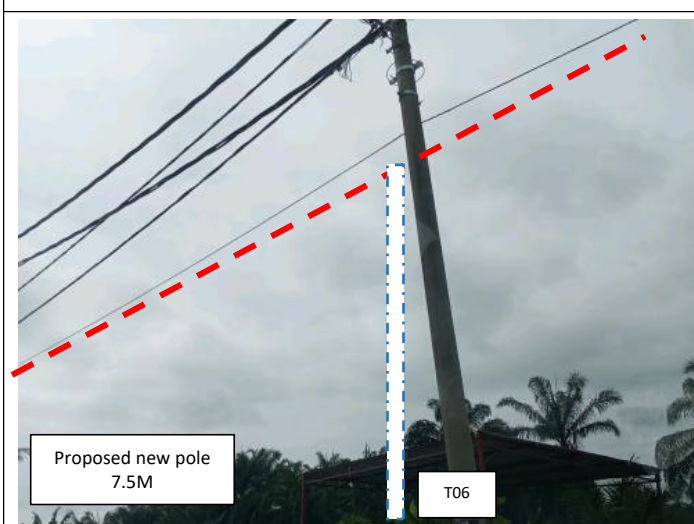
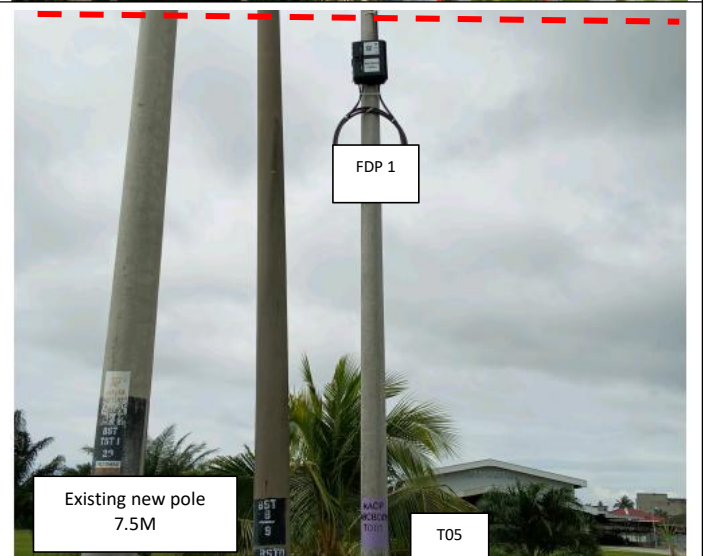
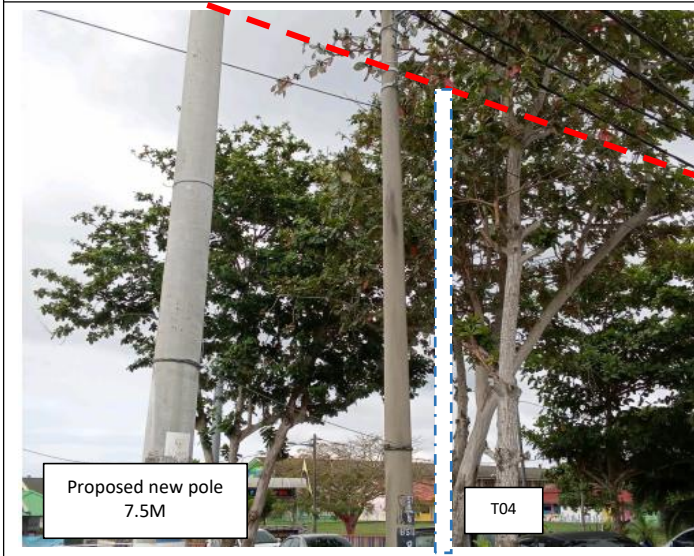
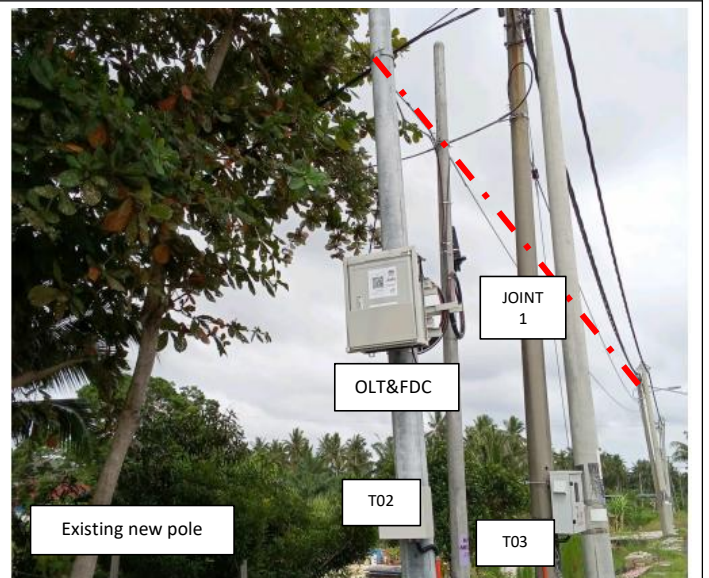
5.0 PROPOSED NEW POLE

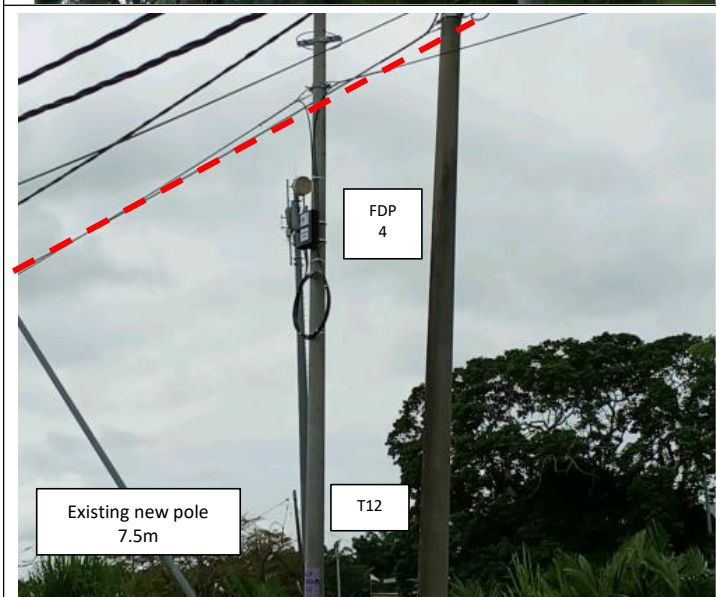
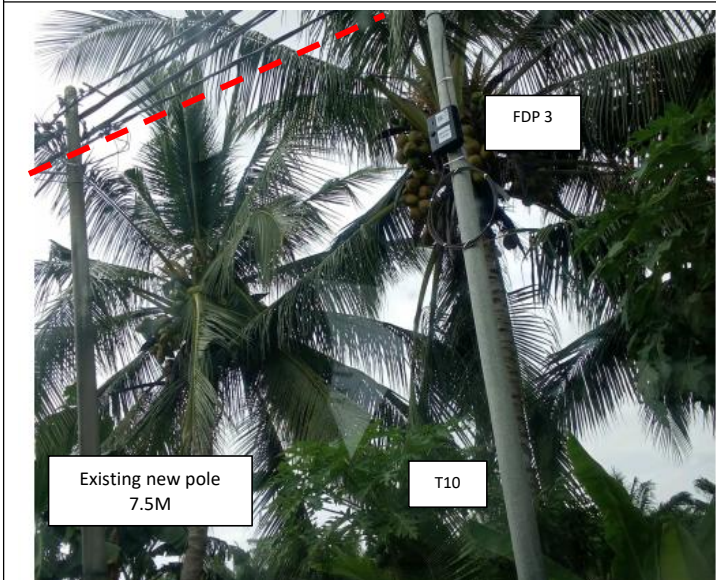
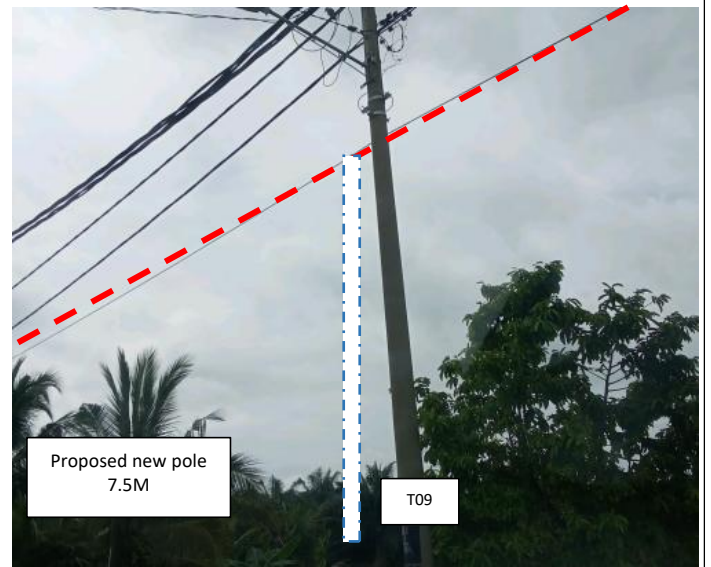
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	18	3.907909	100.713792	MAJLIS PERBANDARAN TELUK INTAN
2	T002 (OLT&FDC)	5	3.907803	100.713904	MAJLIS PERBANDARAN TELUK INTAN
3	T003 (JOINT 1)	19	3.907821	100.713941	MAJLIS PERBANDARAN TELUK INTAN
4	T004	26	3.907698	100.713770	MAJLIS PERBANDARAN TELUK INTAN
5	T005 (FDP 1)	38	3.907604	100.713554	MAJLIS PERBANDARAN TELUK INTAN
6	T006	36	3.907450	100.713257	MAJLIS PERBANDARAN TELUK INTAN
7	T007 (FDP 2)	33	3.907282	100.712984	MAJLIS PERBANDARAN TELUK INTAN
8	T008	26	3.907133	100.712723	MAJLIS PERBANDARAN TELUK INTAN
9	T009	28	3.907023	100.712519	MAJLIS PERBANDARAN TELUK INTAN
10	T010 (FDP 3)	28	3.906894	100.712304	MAJLIS PERBANDARAN TELUK INTAN
11	T011	34	3.907975	100.714204	MAJLIS PERBANDARAN TELUK INTAN
12	T012 (FDP 4)	41	3.908155	100.714528	MAJLIS PERBANDARAN TELUK INTAN
13	T013 (JOINT 2)	31	3.908319	100.714744	MAJLIS PERBANDARAN TELUK INTAN
14	T014	36	3.908004	100.714817	MAJLIS PERBANDARAN TELUK INTAN
15	T015 (FDP 5)	35	3.907695	100.714884	MAJLIS PERBANDARAN TELUK INTAN
16	T016 (JOINT 3)	45	3.907439	100.715199	MAJLIS PERBANDARAN TELUK INTAN
17	T017	35	3.907193	100.714975	MAJLIS PERBANDARAN TELUK INTAN
18	T018 (FDP 6)	44	3.906982	100.714733	MAJLIS PERBANDARAN TELUK INTAN
19	T019 (FDP 7)	30	3.906694	100.714469	MAJLIS PERBANDARAN TELUK INTAN
20	T020 (FDP 3)	44	3.906496	100.714298	MAJLIS PERBANDARAN TELUK INTAN
21	T021 (FDP 8)	33	3.906222	100.714013	MAJLIS PERBANDARAN TELUK INTAN
22	T022	32	3.906086	100.713754	MAJLIS PERBANDARAN TELUK INTAN
23	T023 (FDP 9)	43	3.906014	100.713474	MAJLIS PERBANDARAN TELUK INTAN
24	T024 (FDP 10)	35	3.905935	100.713102	MAJLIS PERBANDARAN TELUK INTAN
25	T025	23	3.905841	100.712797	MAJLIS PERBANDARAN TELUK INTAN
26	T026	14	3.905784	100.712602	MAJLIS PERBANDARAN TELUK INTAN
27	T027 (FDP 11)	18	3.905737	100.712487	MAJLIS PERBANDARAN TELUK INTAN
28	T028	56	3.905758	100.712332	MAJLIS PERBANDARAN TELUK INTAN
29	T029 (FDP 12)	56	3.905603	100.711844	MAJLIS PERBANDARAN TELUK INTAN
30	T030 (FDP 13)	39	3.907311	100.715520	MAJLIS PERBANDARAN TELUK INTAN
31	T031	28	3.907187	100.715742	MAJLIS PERBANDARAN TELUK INTAN
32	T032	38	3.907238	100.716072	MAJLIS PERBANDARAN TELUK INTAN
33	T033	43	3.912365	100.716430	MAJLIS PERBANDARAN TELUK INTAN
34	T034	37	3.907417	100.716758	MAJLIS PERBANDARAN TELUK INTAN
35	T035 (FDP 15)	33	3.907487	100.717047	MAJLIS PERBANDARAN TELUK INTAN
36	T036	32	3.906757	100.712066	MAJLIS PERBANDARAN TELUK INTAN
37	T037	37	3.906623	100.711768	MAJLIS PERBANDARAN TELUK INTAN
38	T038 (FDP 17)	32	3.906539	100.711482	MAJLIS PERBANDARAN TELUK INTAN
39	T039	30	3.906482	100.711247	MAJLIS PERBANDARAN TELUK INTAN
40	T040	33	3.906425	100.710962	MAJLIS PERBANDARAN TELUK INTAN
41	T041	29	3.906352	100.710718	MAJLIS PERBANDARAN TELUK INTAN
42	T042 (FDP 18)	31	3.906309	100.710447	MAJLIS PERBANDARAN TELUK INTAN
43	T043	40	3.906235	100.710155	MAJLIS PERBANDARAN TELUK INTAN
44	T044	36	3.906159	100.709810	MAJLIS PERBANDARAN TELUK INTAN
45	T045 (JOINT 4)	35	3.906117	100.709491	MAJLIS PERBANDARAN TELUK INTAN

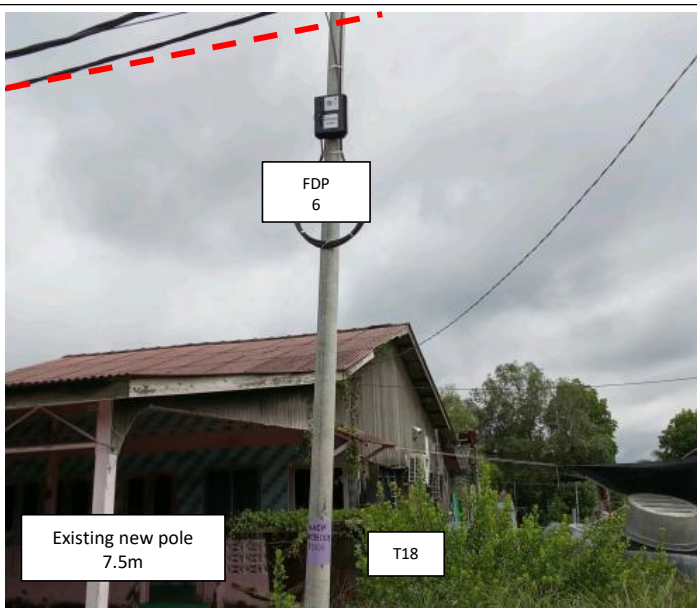
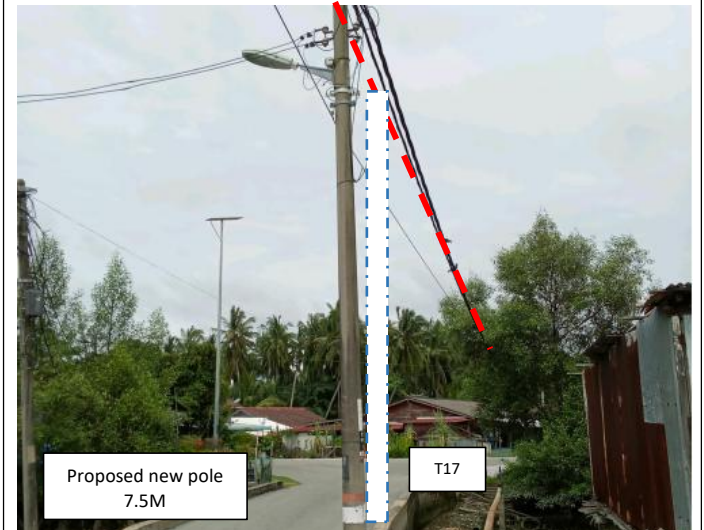
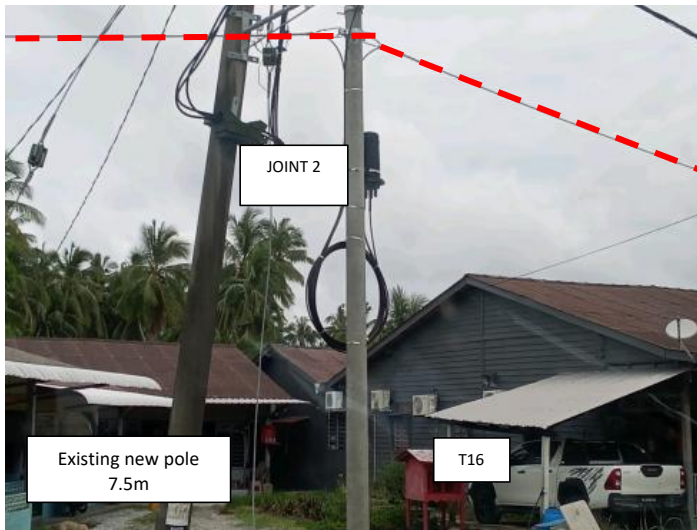
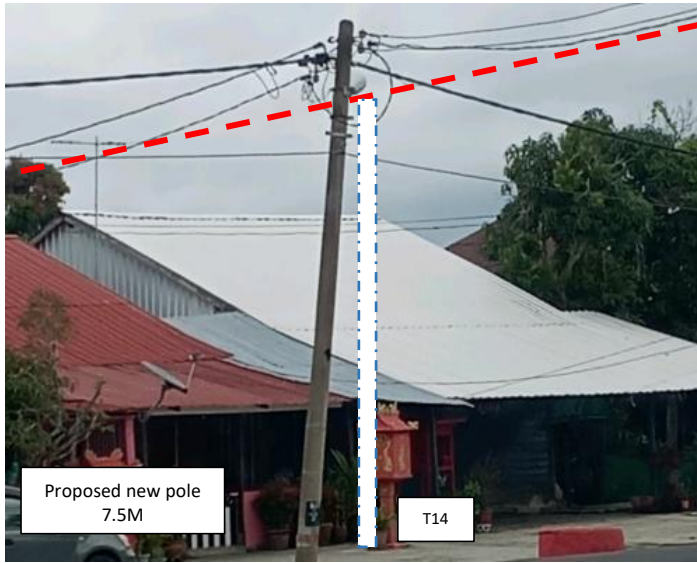
Proposed New Pole Coordinate

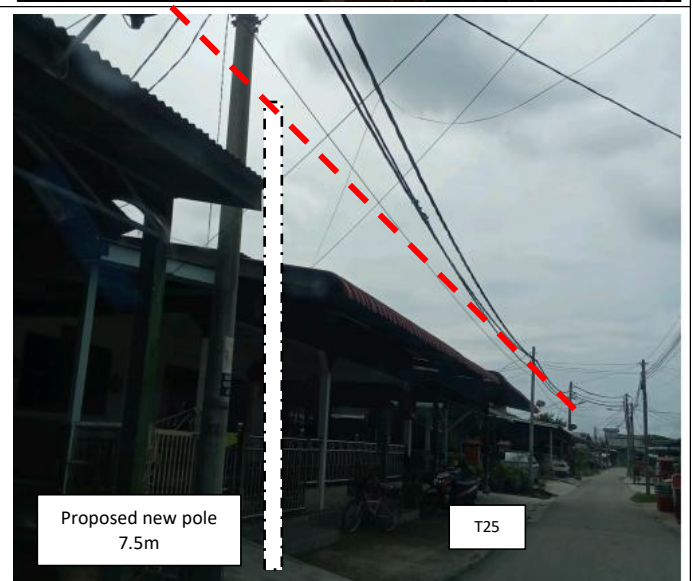
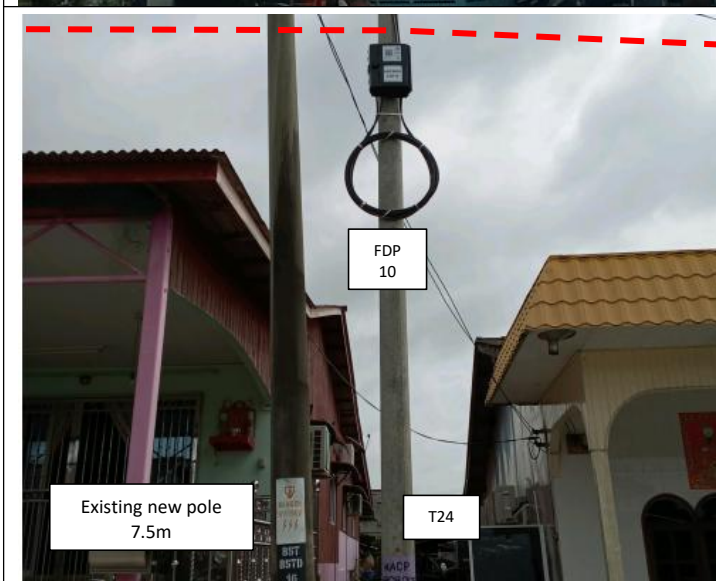
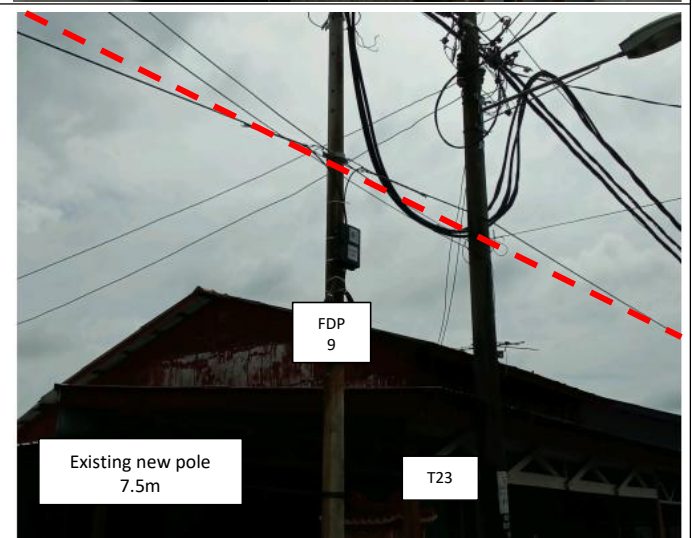
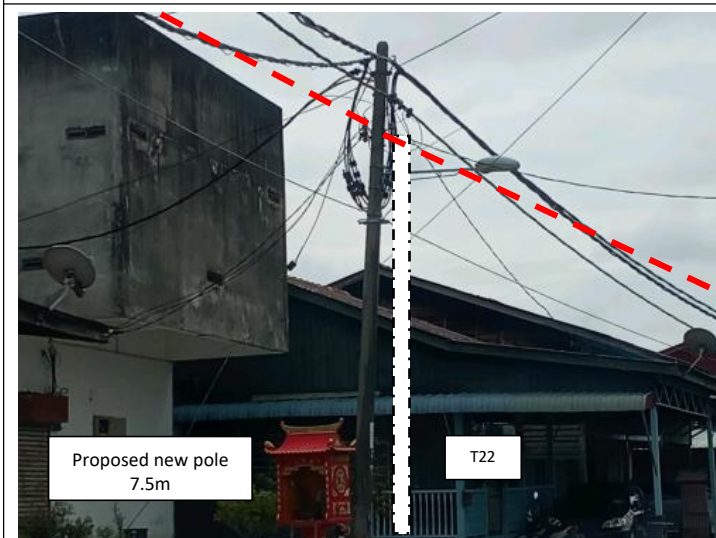
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
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47	T047 (FDP 20)	50	3.905945	100.708900	MAJLIS PERBANDARAN TELUK INTAN
48	T048	40	3.905847	100.708475	MAJLIS PERBANDARAN TELUK INTAN
49	T049 (FDP 21)	22	3.905767	100.708126	MAJLIS PERBANDARAN TELUK INTAN
50	T050	27	3.905561	100.711623	MAJLIS PERBANDARAN TELUK INTAN
51	T051 (FDP 22)	37	3.905494	100.711308	MAJLIS PERBANDARAN TELUK INTAN
52	T052	25	3.905478	100.711097	MAJLIS PERBANDARAN TELUK INTAN
53	T053	26	3.905448	100.710859	MAJLIS PERBANDARAN TELUK INTAN
54	T054 (FDP 23)	33	3.905417	100.710566	MAJLIS PERBANDARAN TELUK INTAN
55	T055	23	3.905490	100.710369	MAJLIS PERBANDARAN TELUK INTAN
56	T056	17	3.905460	100.710220	MAJLIS PERBANDARAN TELUK INTAN
57	T057	38	3.905355	100.709895	MAJLIS PERBANDARAN TELUK INTAN
58	T058	35	3.905297	100.709586	MAJLIS PERBANDARAN TELUK INTAN
59	T059	46	3.905232	100.709180	MAJLIS PERBANDARAN TELUK INTAN
60	T060 (FDP 25)	38	3.905180	100.708846	MAJLIS PERBANDARAN TELUK INTAN
61	T061	22	3.906267	100.709578	MAJLIS PERBANDARAN TELUK INTAN
62	T062	22	3.906445	100.709499	MAJLIS PERBANDARAN TELUK INTAN
63	T063	23	3.906642	100.709470	MAJLIS PERBANDARAN TELUK INTAN
64	T064	20	3.906825	100.709414	MAJLIS PERBANDARAN TELUK INTAN
65	T065 (FDP 26)	23	3.906787	100.709202	MAJLIS PERBANDARAN TELUK INTAN
66	T066	23	3.906743	100.709011	MAJLIS PERBANDARAN TELUK INTAN
67	T067 (FDP 27)	20	3.906703	100.708828	MAJLIS PERBANDARAN TELUK INTAN
68	T068	13	3.908372	100.714651	MAJLIS PERBANDARAN TELUK INTAN
69	T069	21	3.908563	100.714603	MAJLIS PERBANDARAN TELUK INTAN
70	T070	22	3.908746	100.714548	MAJLIS PERBANDARAN TELUK INTAN
71	T071	27	3.908963	100.714482	MAJLIS PERBANDARAN TELUK INTAN
72	T072	34	3.909256	100.714384	MAJLIS PERBANDARAN TELUK INTAN
73	T073	17	3.909346	100.714259	MAJLIS PERBANDARAN TELUK INTAN
74	T074	18	3.909306	100.714115	MAJLIS PERBANDARAN TELUK INTAN
75	T075	10	3.909384	100.714075	MAJLIS PERBANDARAN TELUK INTAN
76	T076	22	3.909324	100.713893	MAJLIS PERBANDARAN TELUK INTAN
77	T077 (FDP 28)	20	3.909271	100.713726	MAJLIS PERBANDARAN TELUK INTAN
78	T078	10	3.909459	100.714108	MAJLIS PERBANDARAN TELUK INTAN
79	T079	17	3.909605	100.714074	MAJLIS PERBANDARAN TELUK INTAN
80	T080	23	3.909795	100.714013	MAJLIS PERBANDARAN TELUK INTAN
81	T081	25	3.909805	100.713799	MAJLIS PERBANDARAN TELUK INTAN
82	T082 (FDP 29)	26	3.909736	100.713583	MAJLIS PERBANDARAN TELUK INTAN
83	T083	37	3.910122	100.713932	MAJLIS PERBANDARAN TELUK INTAN
84	T084	28	3.910352	100.713856	MAJLIS PERBANDARAN TELUK INTAN
85	T085	26	3.910313	100.713631	MAJLIS PERBANDARAN TELUK INTAN
86	T086 (FDP 30)	27	3.910249	100.713398	MAJLIS PERBANDARAN TELUK INTAN

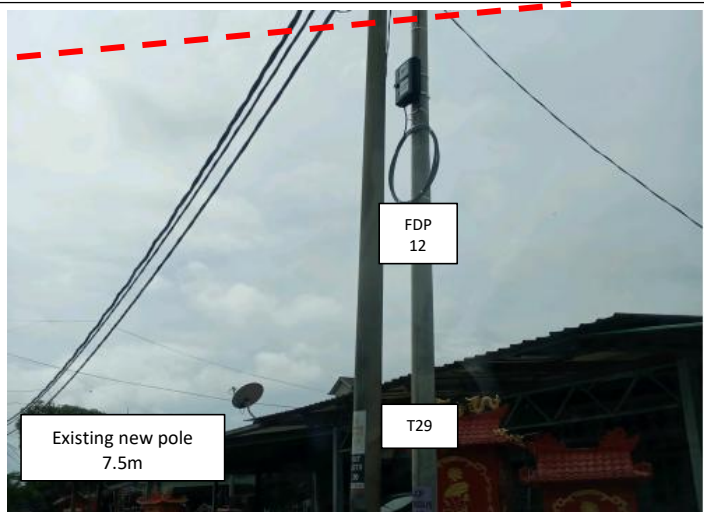
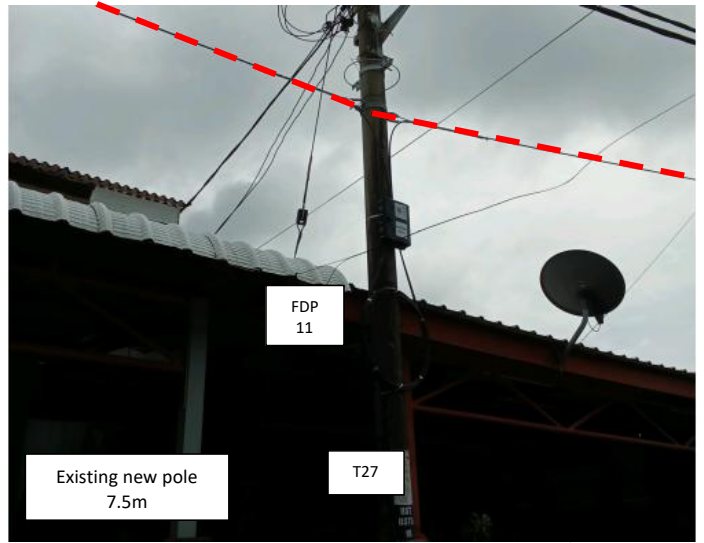
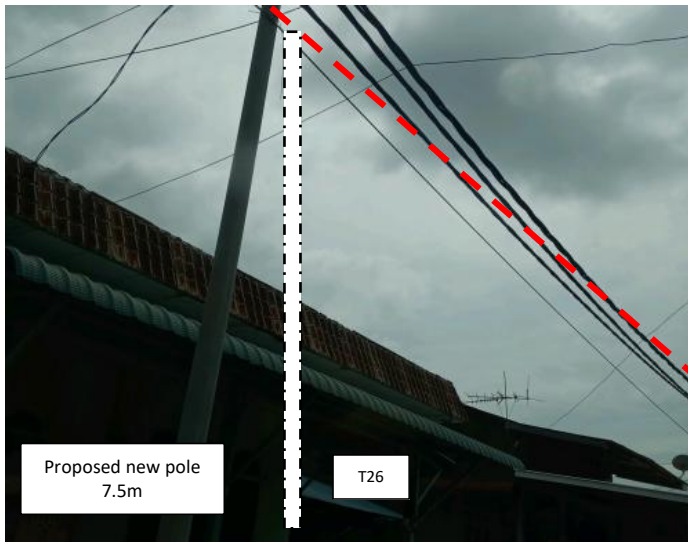
6.0 SITE PHOTOS - PROPOSED NEW POLE

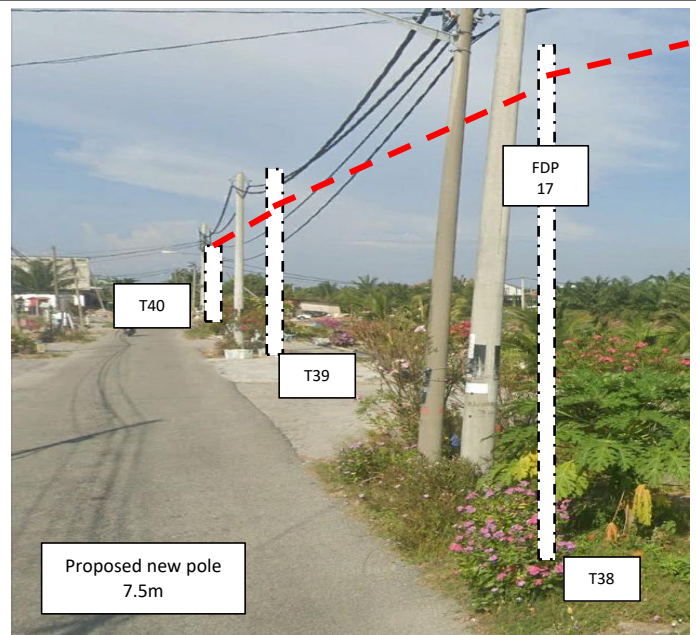
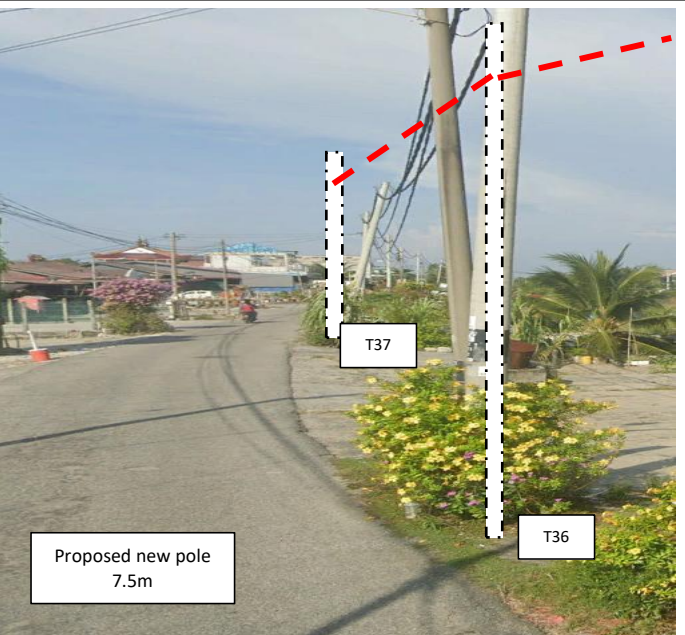
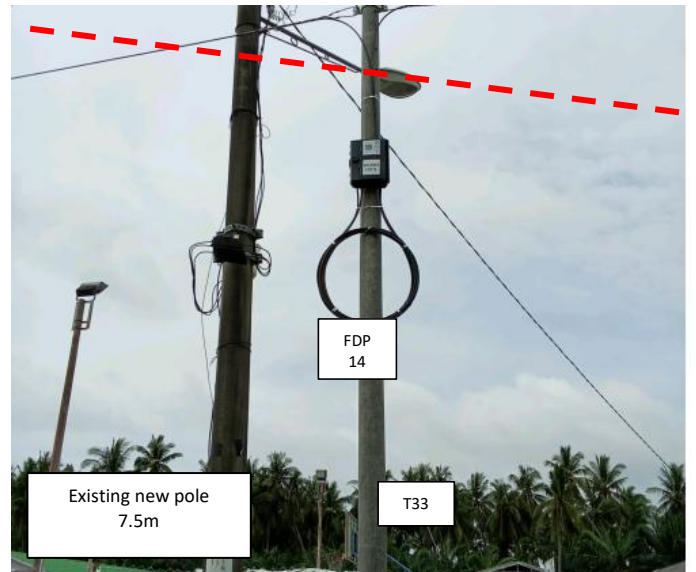
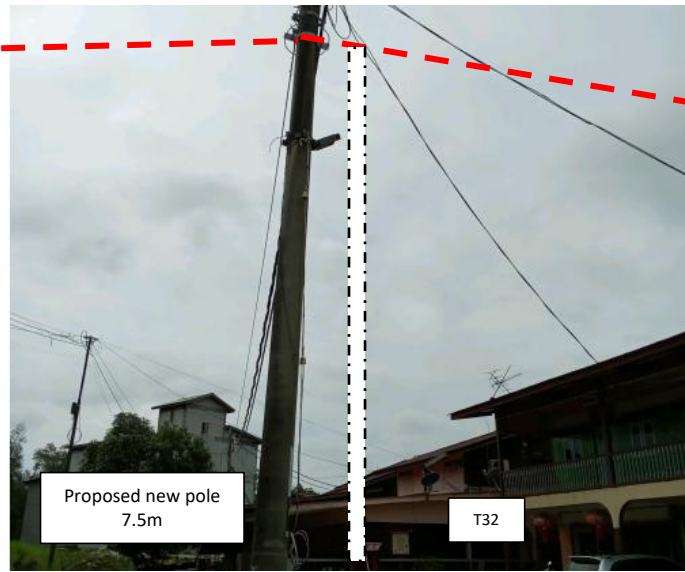


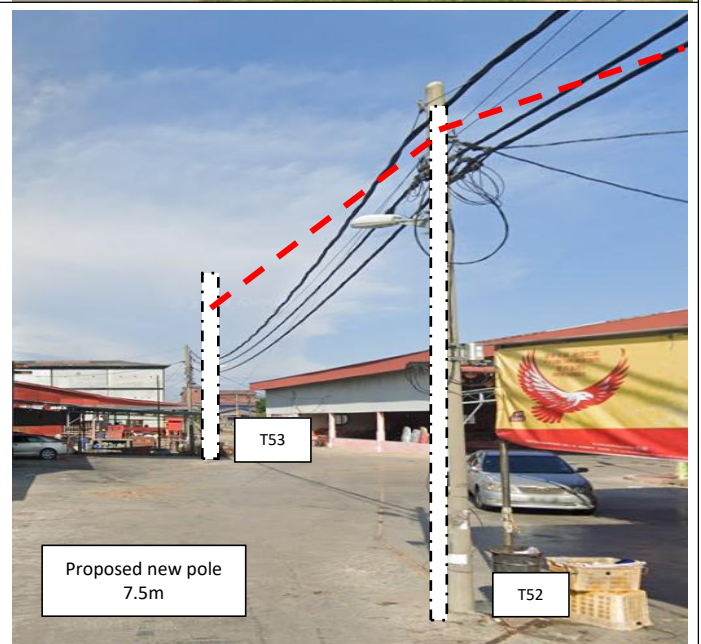
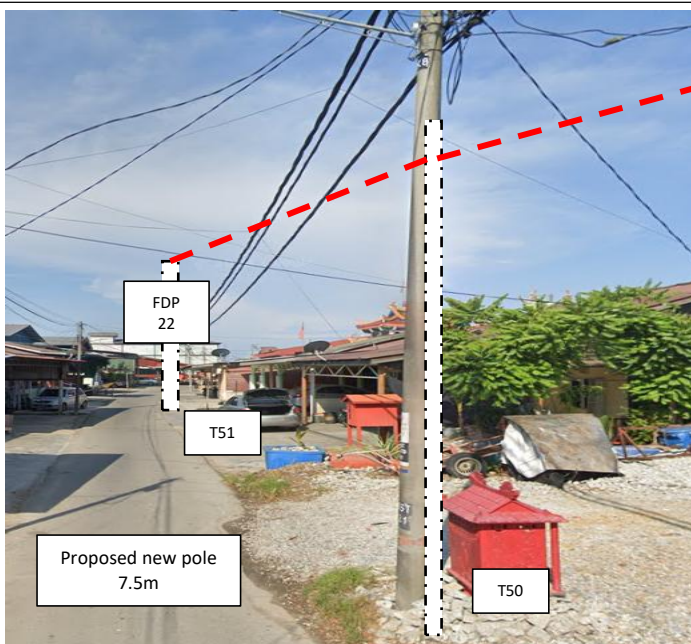
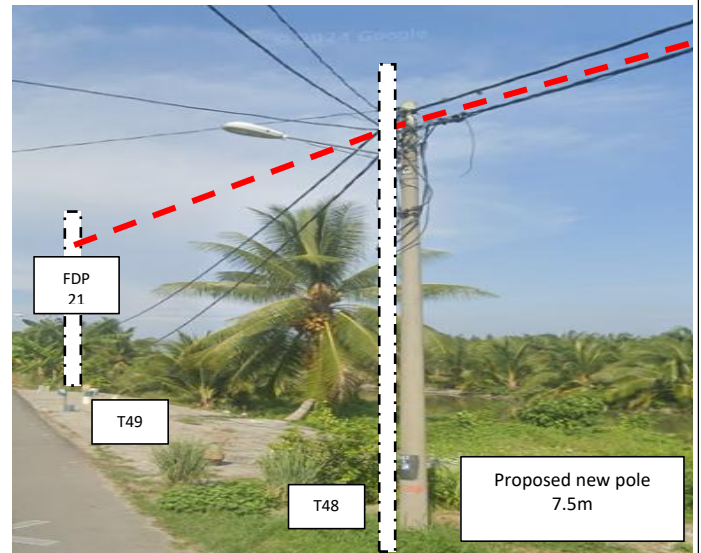
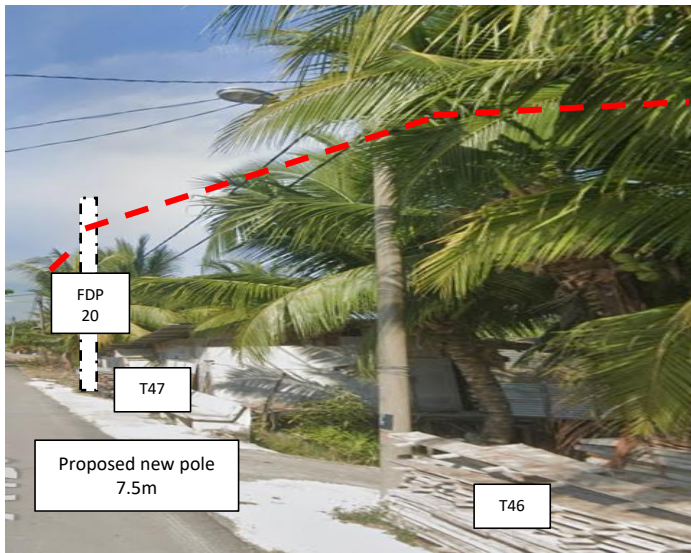
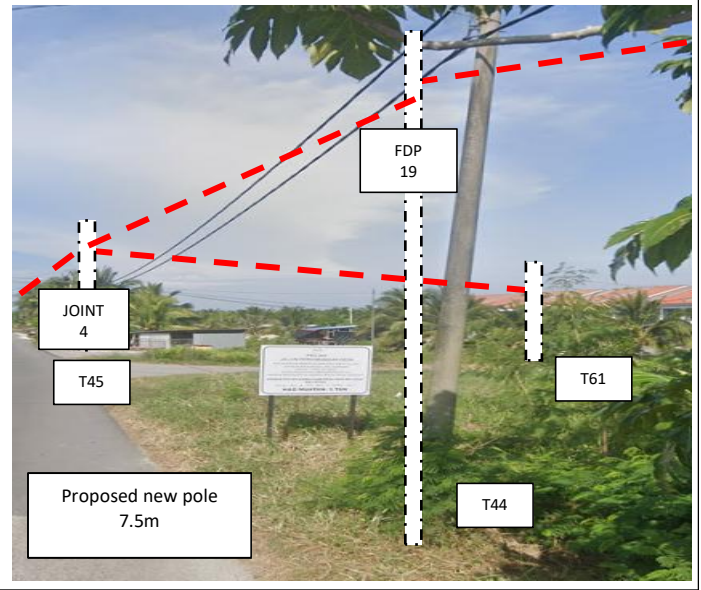
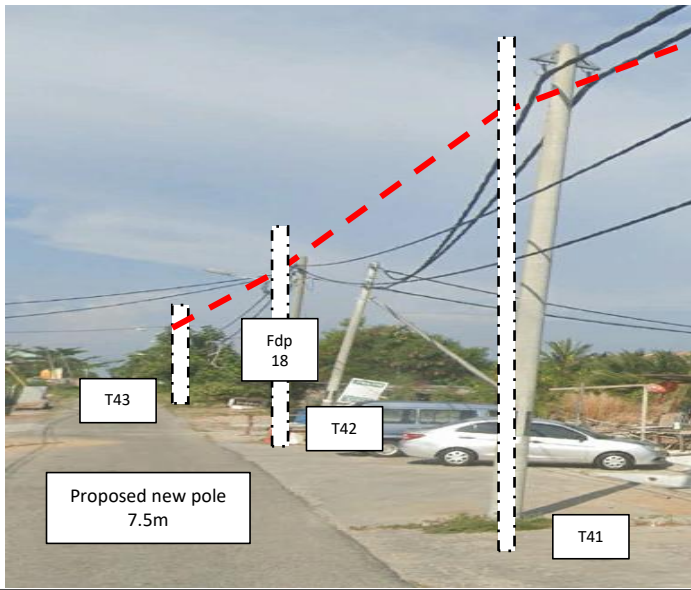


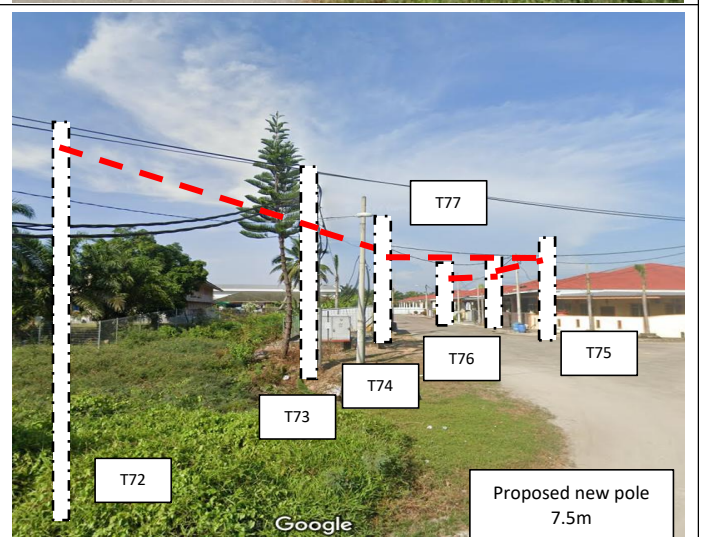
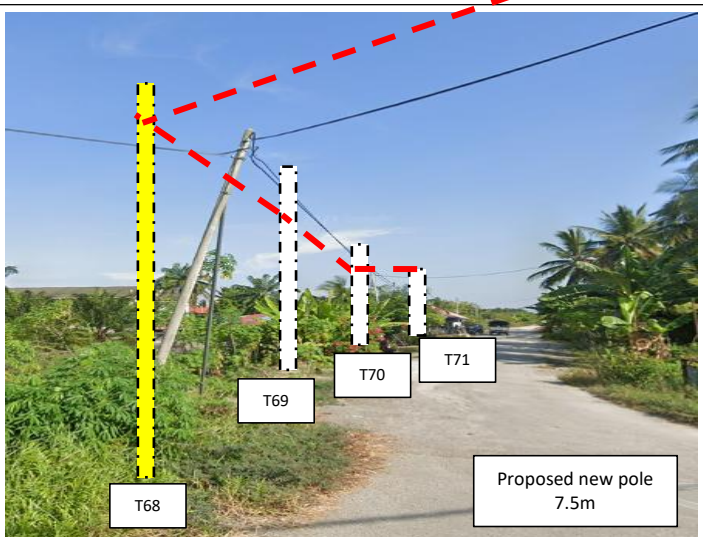
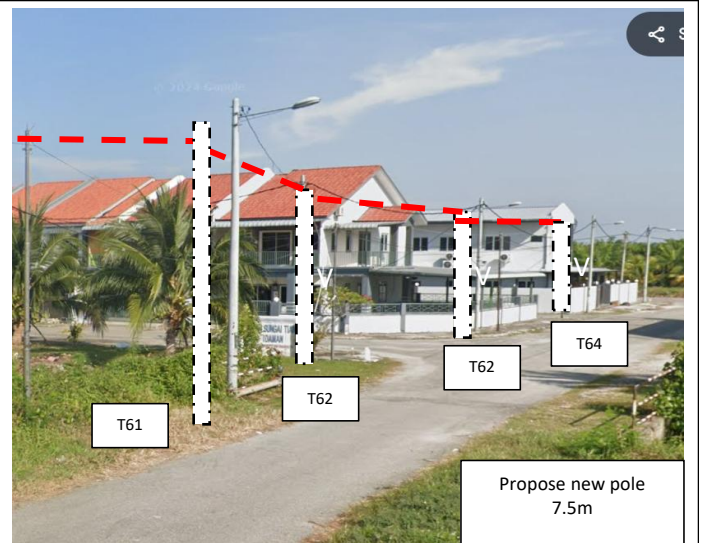
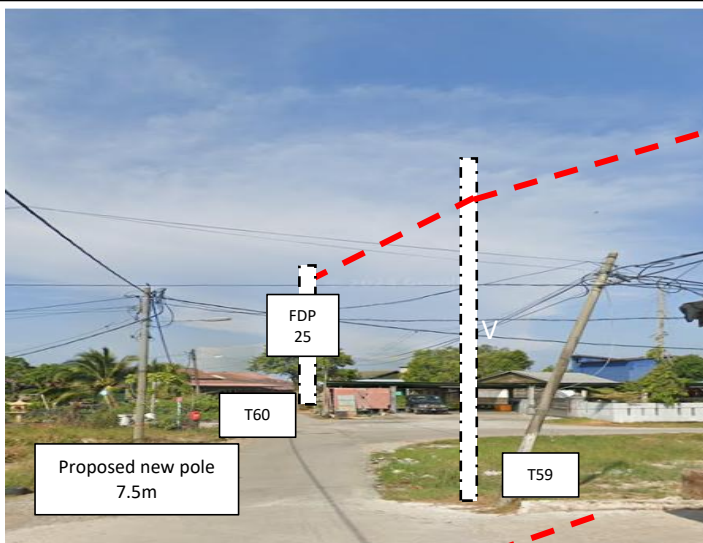
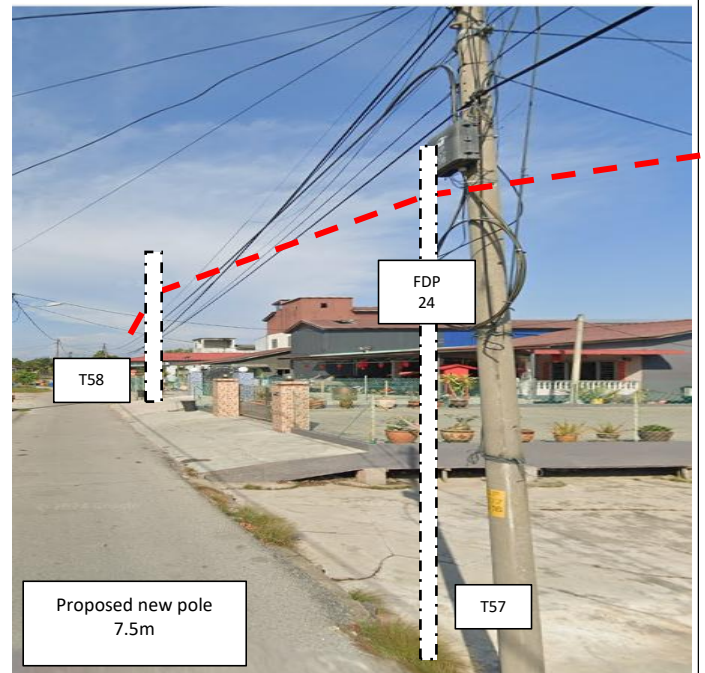
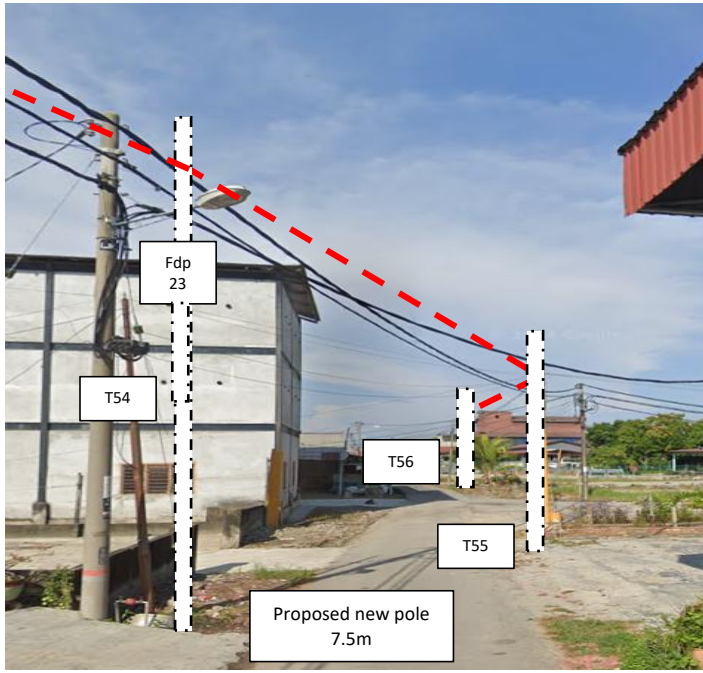


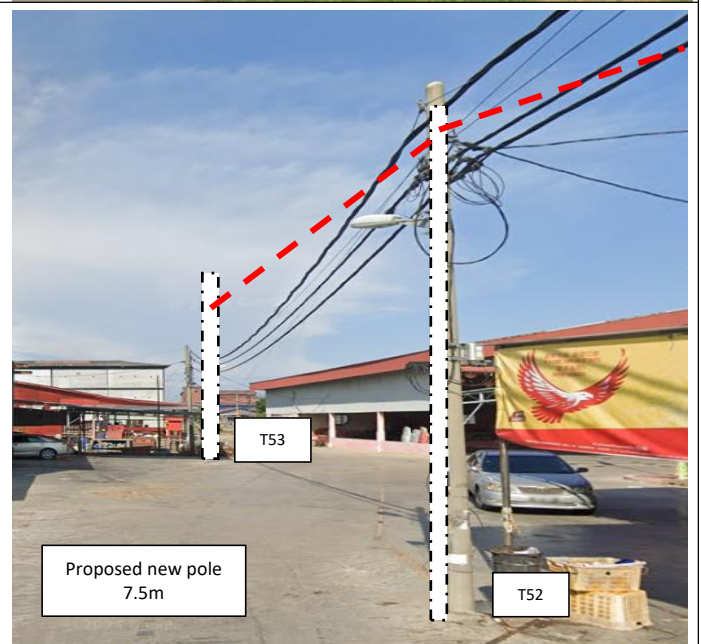
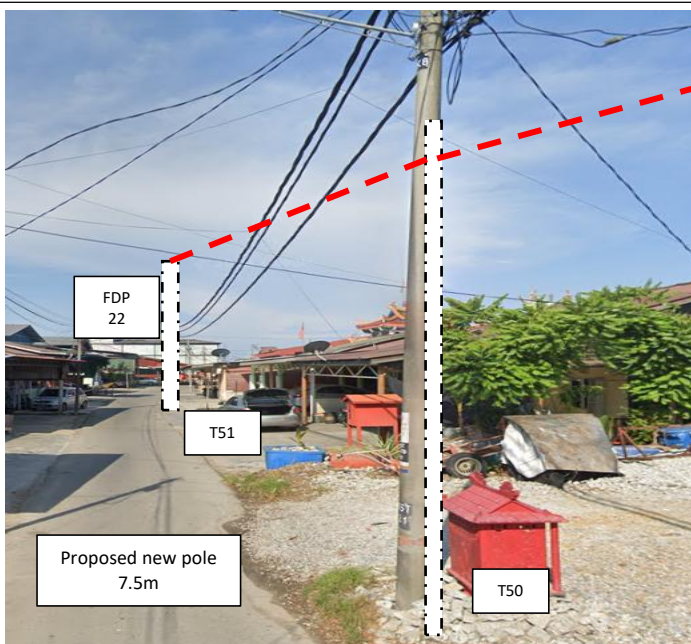
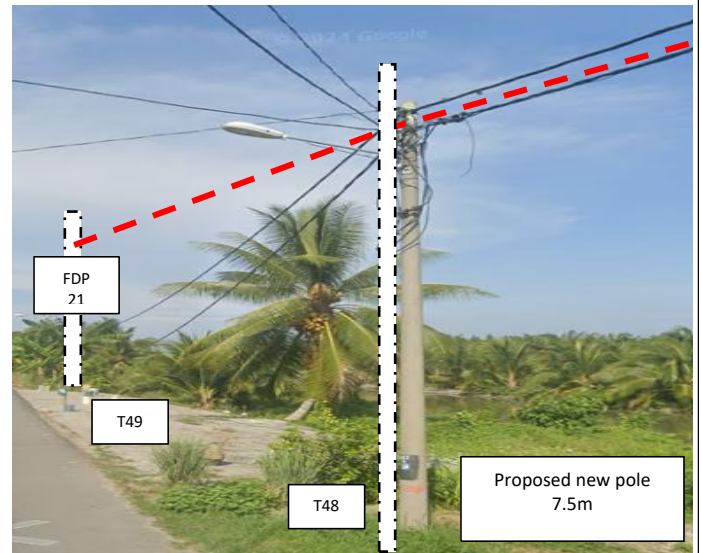
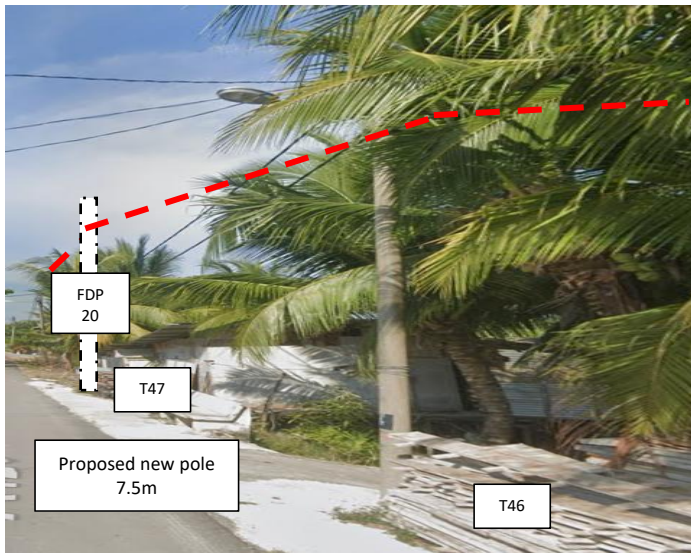
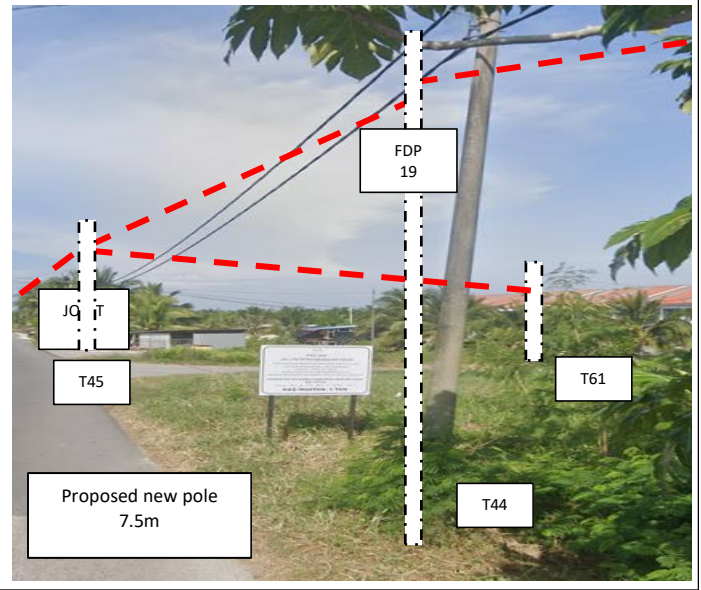
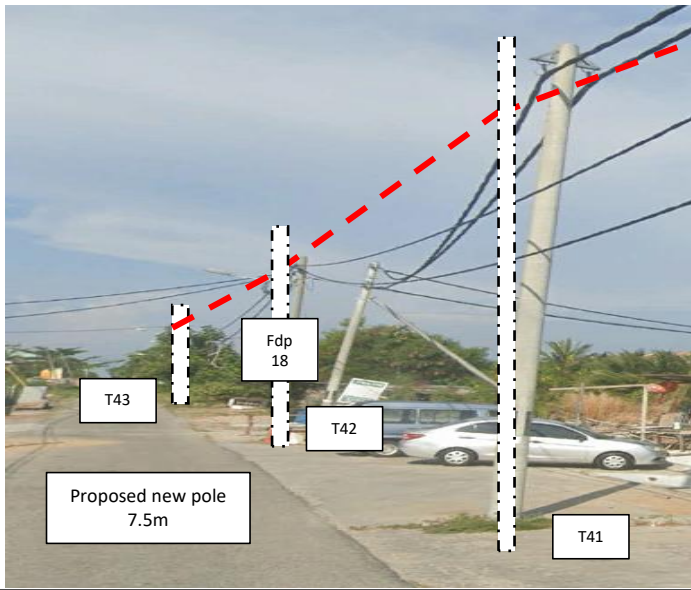


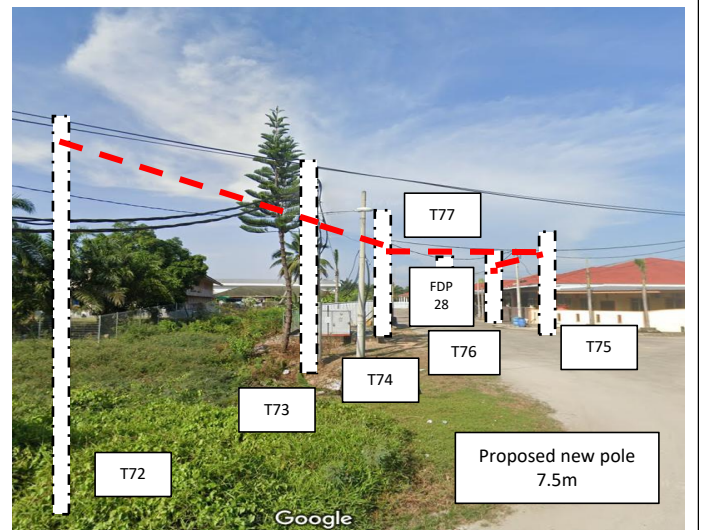
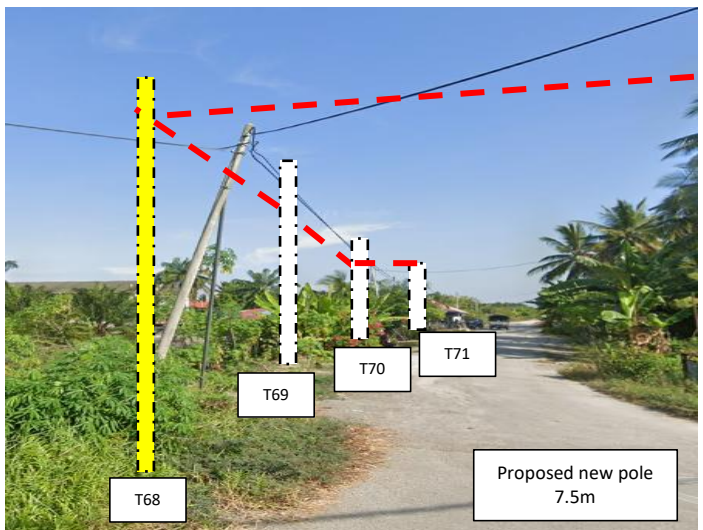
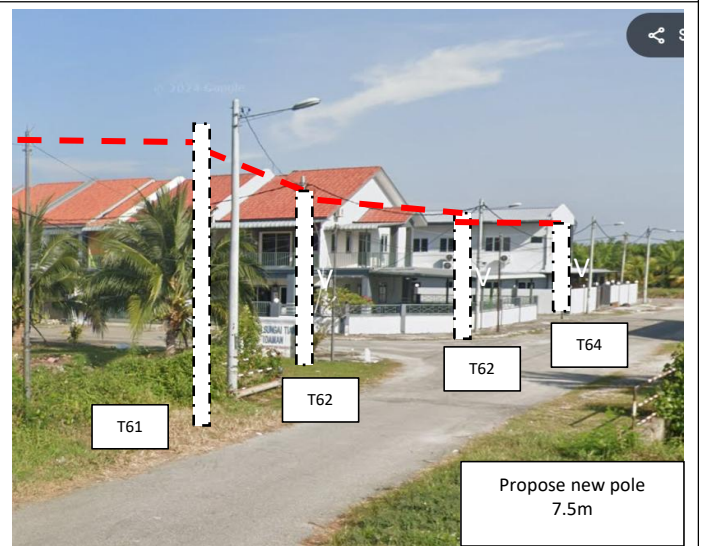
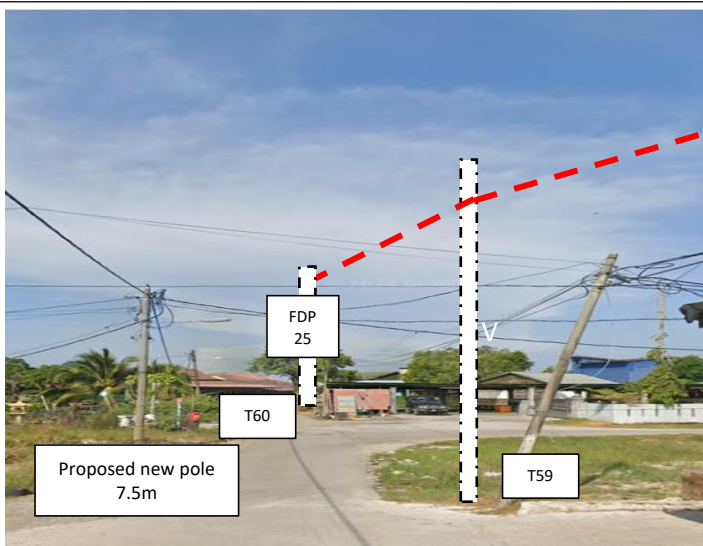
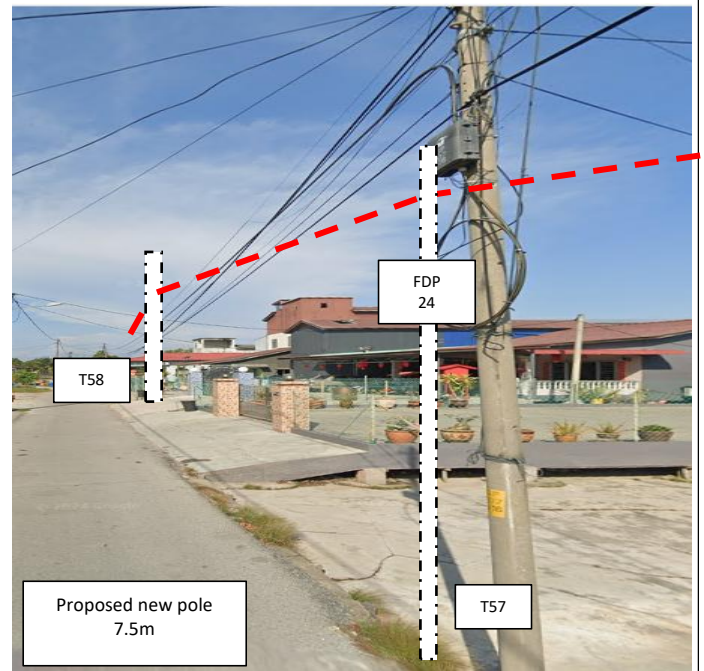
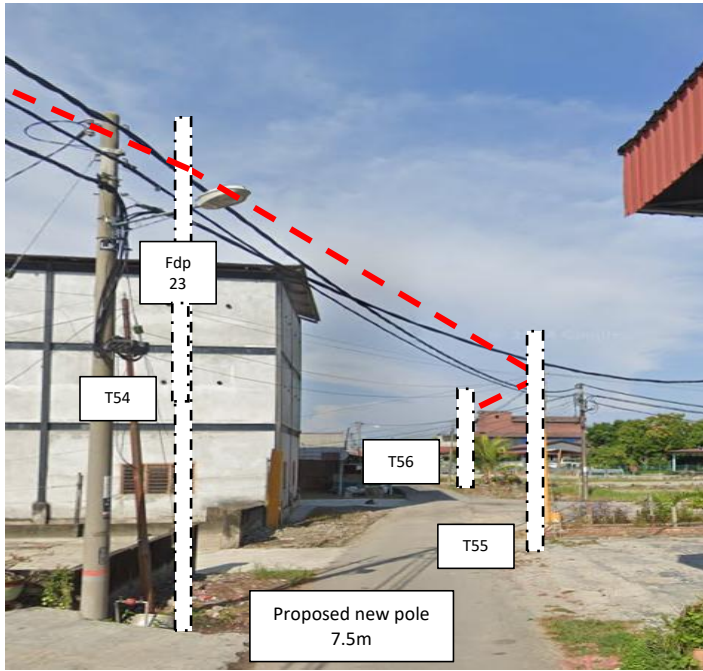


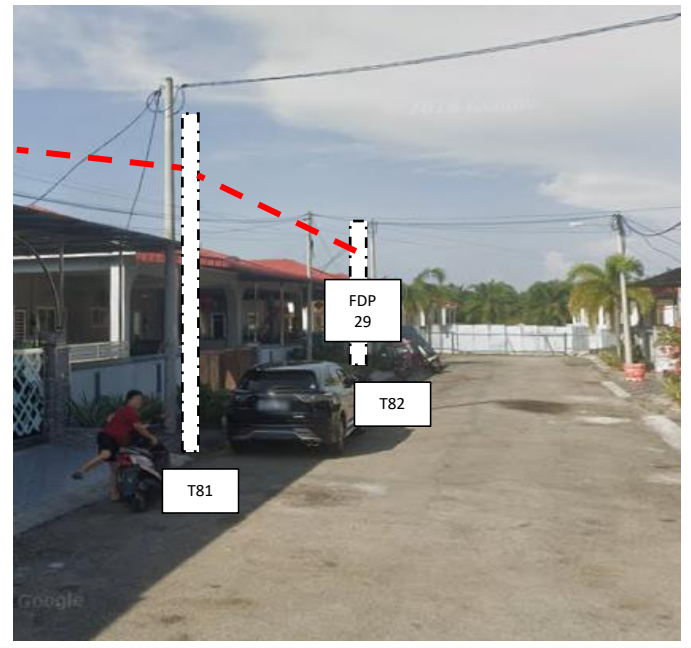
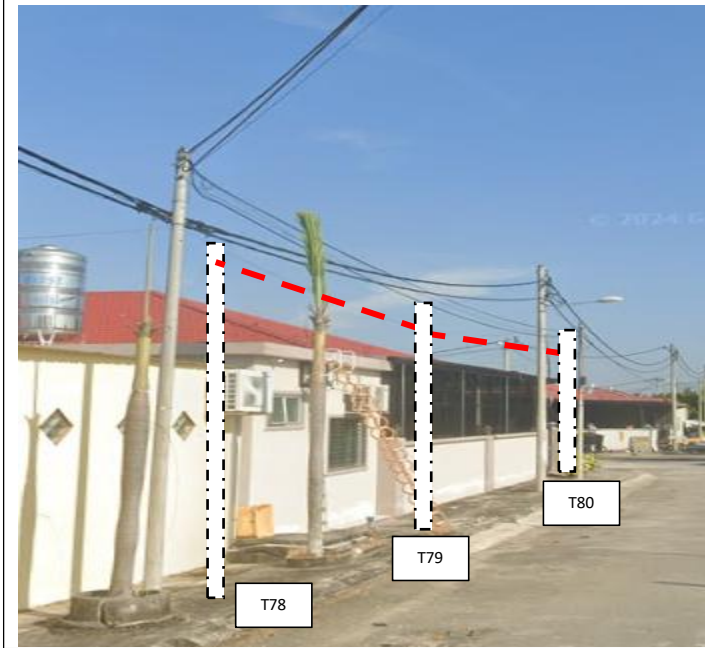












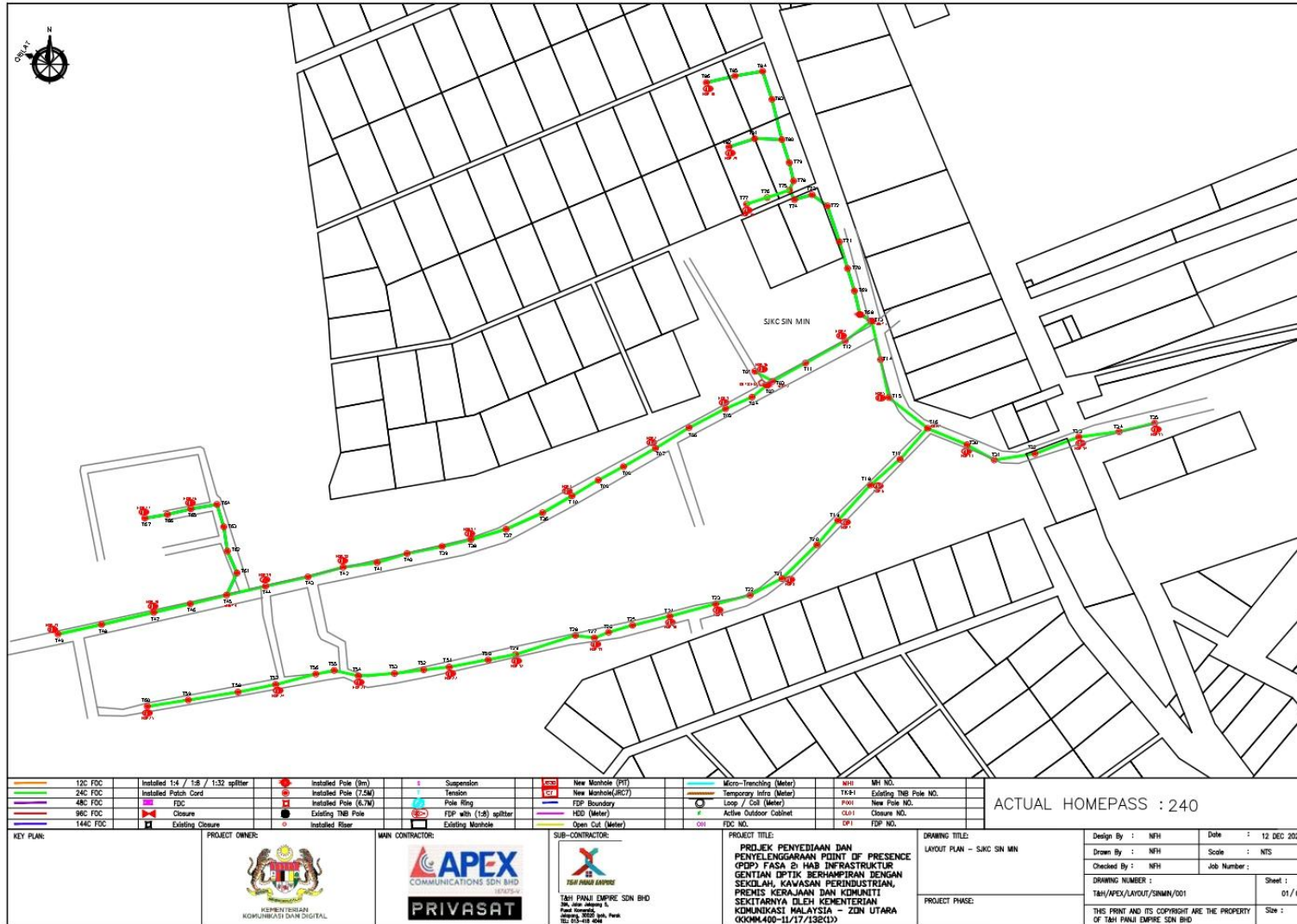


PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENT (POP) FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA (KKMM.400-11/17/132(1))



7.0 3rd PARTIES DEPENDENCIES

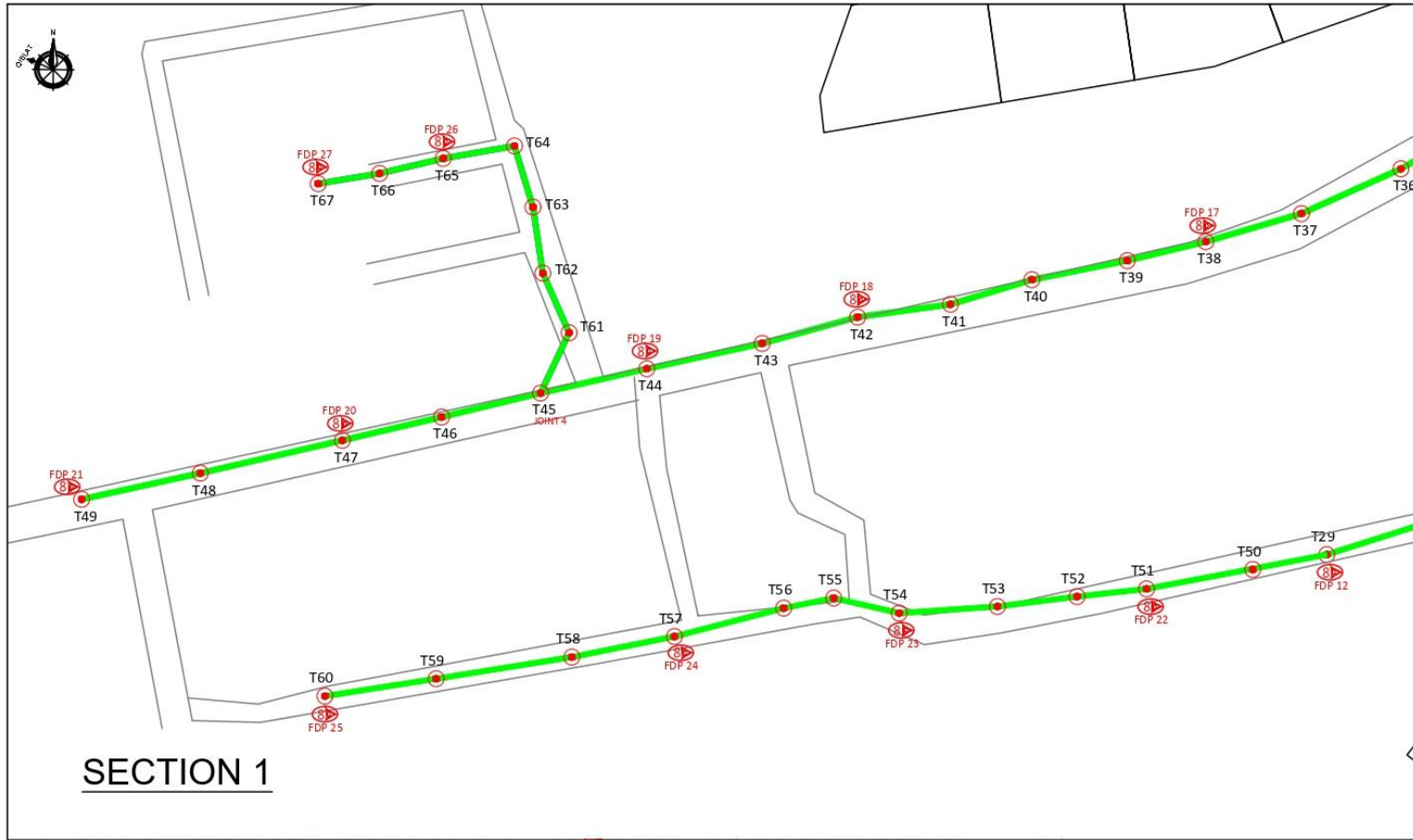
NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Perbandaran Teluk Intan	3000M



	12C FDC		Installed Pole (9m)		Suspension		New Manhole (PH)		Micro-Trenching (Meter)		MH NO.
	24C FDC		Installed Pole (7.5M)		Tension		New Manhole (RC7)		Temporary Infra (Meter)		TK-1 Existing TNE Pole NO.
	48C FDC		Installed Pole (6.7M)		Pole Ring		FDP Boundary		Loop / Coil (Meter)		PH-1 New Pole NO.
	96C FDC		Closure		FDP with 1:8 splitter		1:8D (Meter)		Active Outdoor Cabinet		CL-1 Closure NO.
	144C FDC		Existing Closure		Existing Manhole		Open Cut (Meter)		FDC NO.		OP-1 FDP NO.

ACTUAL HOMEPASS : 240

KEY PLAN: 	PROJECT OWNER: 	MAN CONTRACTOR: 	SUB-CONTRACTOR: 	PROJECT TITLE: PROJEK PENYEDIAAN DAN PENYELANGKARAN POINT OF PRESENCE (POP) FASA 2 HAB INFRASTRUKTUR GENTIAN OPTIK BERTAMBAHAN DENGAN SEKELAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA OKOM-400-11/17/13B(13)	DRAWING TITLE: LAYOUT PLAN – SIKCSIN MN	Design By : NfH Drawn By : NfH Checked By : NfH	Date : 12 DEC 2024 Scale : NTS
					DRAWING NUMBER : T&N/APEX/LAYOUT/SINMAN/001	Sheet : 01 / 05	PROJECT PHASE: THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF T&N PANJI EMPRE SDN BHD

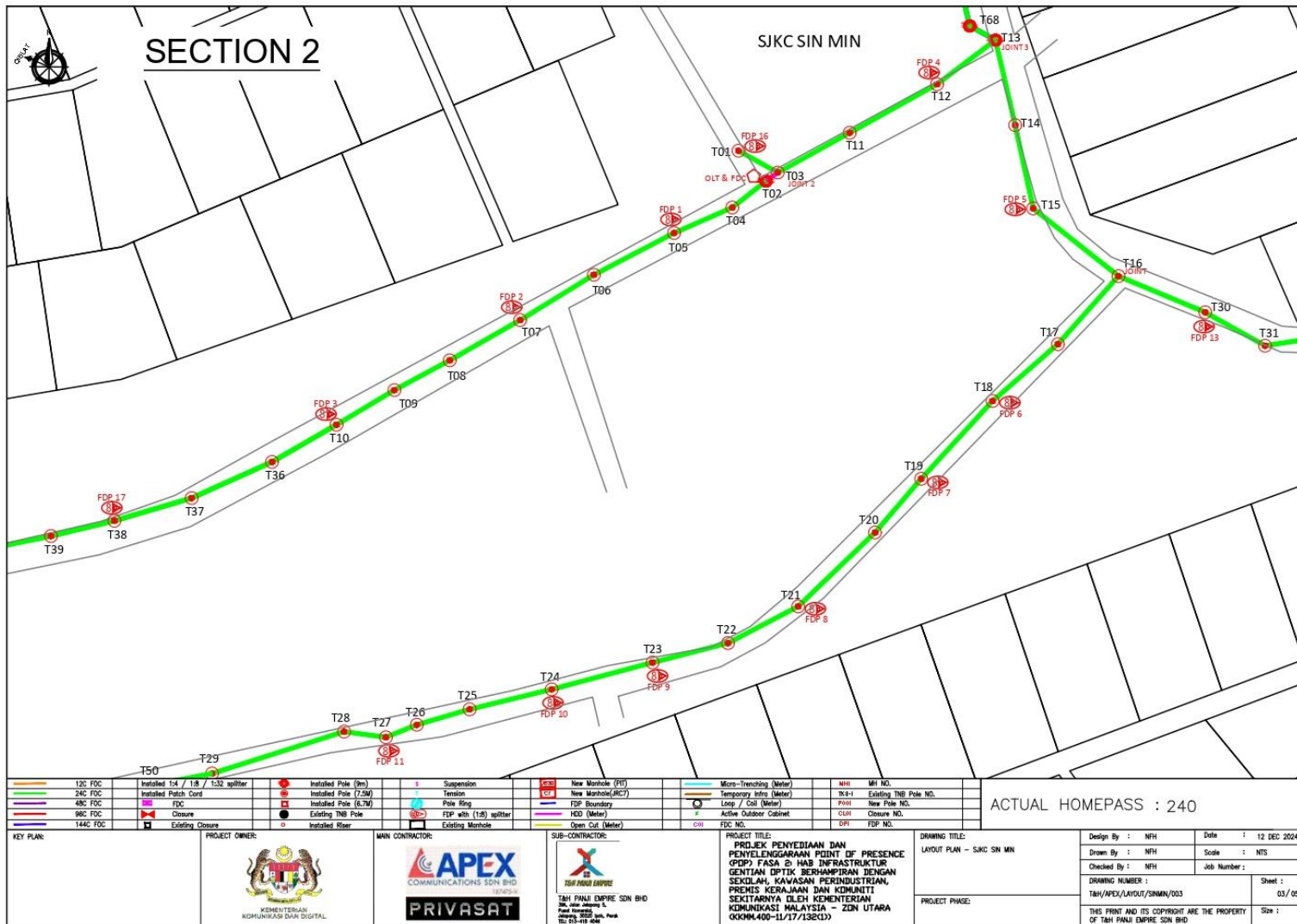


SECTION 1

12C FDC	Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	Suspension	New Manhole (PIT)	Micro-Trenching (Meter)	NH1	NH NO.
24C FDC	Installed Patch Cord	Installed Pole (7.2m)	Tension	New Manhole (RCC)	Temporary Intra (Meter)	TRK1	Existing TNB Pole NO.
48C FDC	FDC	Installed Pole (6.7m)	Pole Ring	FDP Boundary	Loop / Coil (Meter)	POO1	New Pole NO.
96C FDC	Closure	Existing TNB Pole	FDP with (1:8) splitter	HDD (Meter)	Active Outdoor Cabinet	OLE1	Closure NO.
144C FDC	Existing Closure	Installed Riser	Existing Manhole	Open Cut (Meter)	OW1	FDC NO.	

ACTUAL HOMEPASS : 240

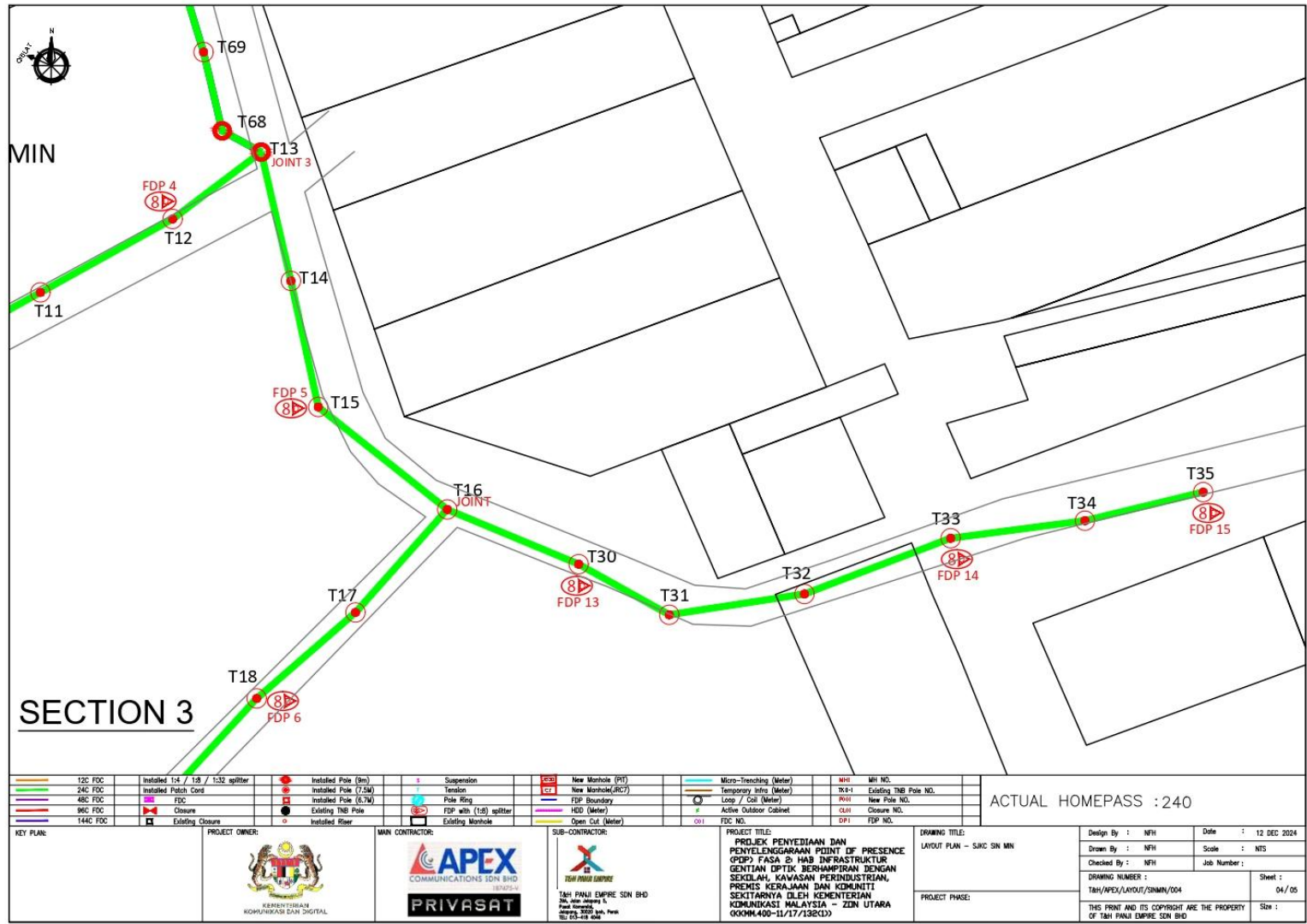
KEY PLAN: 	PROJECT OWNER: 	MAIN CONTRACTOR: 	SUB-CONTRACTOR: 	PROJECT TITLE: PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASA 2: HUB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREKIS KERAJAMAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA (KKM-400-11/17/13E(1))	DRAWING TITLE: LAYOUT PLAN - SANG SIN MIN	Design By : NPH Drawn By : NPH Checked By : NPH DRAWING NUMBER : T&H/APEX/LAYOUT/SINMIN/002 THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF T&H PUAN EMPIRE SDN BHD	Date : 12 DEC 2024 Scale : NTS Job Number : Sheet : 02 / 05 Size :
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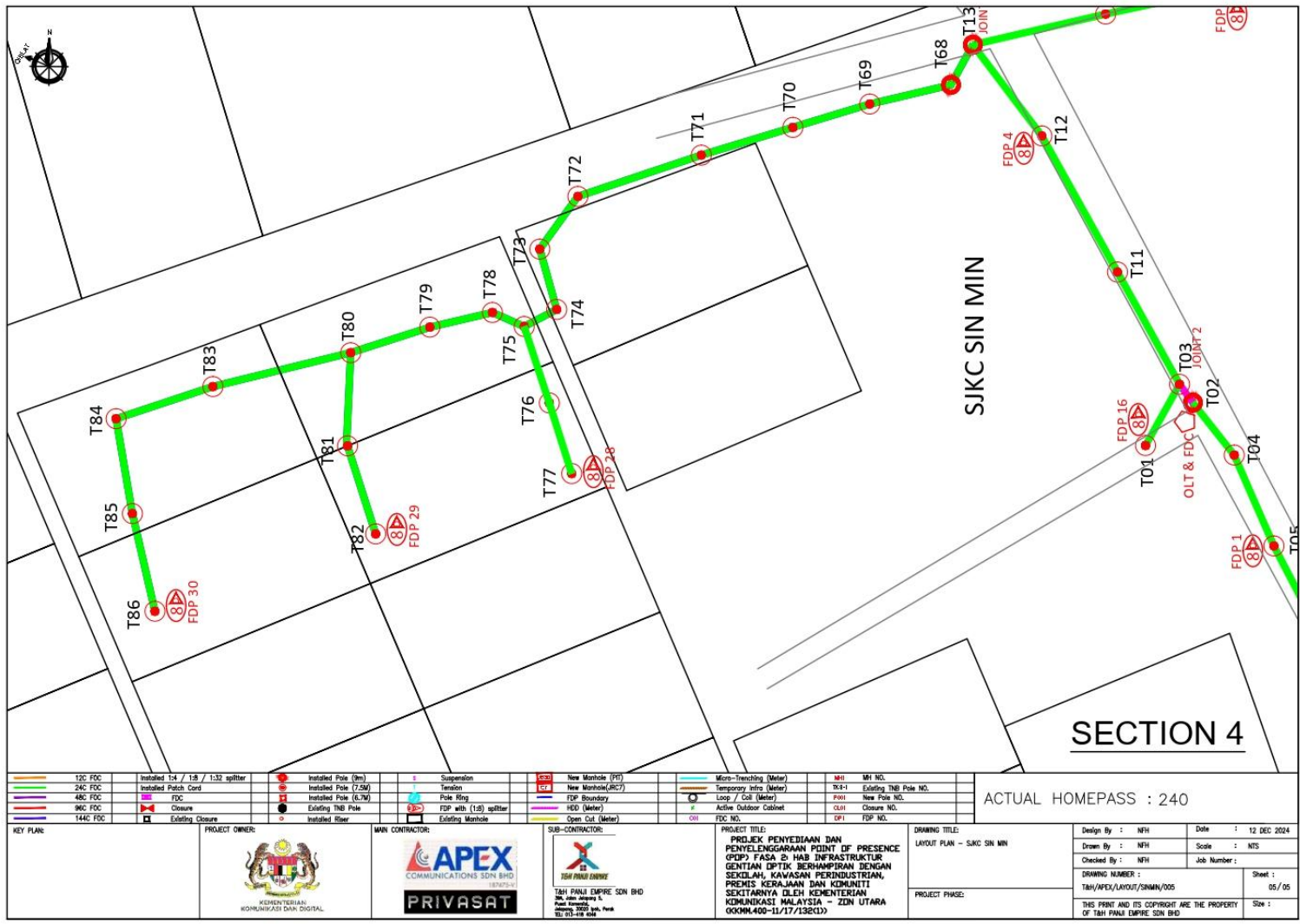


12C FOC	Installed 14 / 18 / 132 splitter	Installed Pole (9m)	Suspension	New Manhole (PT)	Micro-Trenching (Meter)	NH1	MI NO.	
24C FOC	Installed Patch Cord	Installed Pole (7.5M)	Tension	New Manhole (RC7)	Temporary Infra (Meter)	TK-1-1	Existing TNB Pole NO.	
48C FOC	FOC	Installed Pole (6.7M)	Pole Ring	FDP Boundary	Loop / Coil (Meter)	PH1	New Pole NO.	
96C FOC	Closure	Existing TNB Pole	FDP with (1:8) splitter	HSD (Meter)	Active Outdoor Cabinet	CH1	Closure NO.	
144C FOC	Edging Closure	Installed Fiber	Existing Manhole	Open Cut (Meter)	OW	FDC NO.	EP1	FDP NO.




KEY PLAN: PROJECT OWNER: MAIN CONTRACTOR: SUB-CONTRACTOR: PROJECT TITLE: DRAWING TITLE: Design By : NTH Date : 12 DEC 2024
 Drawn By : NTH Scale : NTS
 Checked By : NTH Job Number :
 DRAWING NUMBER : SHEET :
 TAH/AFEX/LAYOUT/SINMIN/003 03 / 05
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ACTUAL HOMEPASS : 240





120 FOC	Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	Suspension	New Manhole (PIT)	Micro-Trenching (Meter)	MH	MH NO.
240 FOC	Installed Patch Cord	Installed Pole (7.5M)	Tension	New Manhole (R/C/T)	Temporary Infra (Meter)	RK-F-I	Existing TNB Pole NO.
480 FOC	FOC	Installed Pole (6.7M)	Pole Ring	FDP Boundary	Loop / Coil (Meter)	F001	New Pole NO.
960 FOC	Closure	Existing TNB Pole	FDP with 1:8 splitter	160 (Meter)	Active Outdoor Cabinet	OLR1	Closure NO.
1440 FOC	Existing Closure	Installed Fiber	Existing Manhole	Open Cut (Meter)	FOC NO.	OF1	FDP NO.

KEY PLAN:	PROJECT OWNER:  KEMENTERIAN KOMUNIKASI DAN DIGITAL	MAIN CONTRACTOR:  PRIVASAT	SUB-CONTRACTOR:  TAI PANU EMPIRE SDN BHD No. 10, Jalan 1/1, Persiaran 2002, 47000, Putra Heights, Selangor, Malaysia	PROJECT TITLE: PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASA B: HAB INFRASTRUKTUR GENTIAN OPTIK BERTAMPAHAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KIDULINIITI SEKITARNYA DILEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA 000M400-11/17/132C1)	DRAWING TITLE: LAYOUT PLAN - SJKC SIN MIN	Design By : NPH Date : 12 DEC 2024
						Drawn By : NPH Scale : NTS
						Checked By : NPH Job Number :
						DRAWING NUMBER : TAH/APEX/LAYOUT/SJMM/005
						Sheet : 05 / 05
						PROJECT PHASE:
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