

TECHNICAL PROPOSAL POP2 ABD3068 SEKOLAH JENIS KEBANGSAAN (TAMIL) LADANG JIN SENG

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 : 17/2/2025



Starting Point

Site / Boundary Name : KERIAN
Address : SJKT LADANG JIN SENG
District : KUALA KURAU
Postcode : 34350
State : Perak
GPS Coordinate : 5.010967, 100.476339
LRD : A

End Point

Site / Boundary Name : KERIAN
Address : SUNGAI DUNGUN
District : KUALA KURAU
Postcode : 34350
State : Perak
GPS Coordinate : 5.022313, 100.482194
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	3700
2	Install New Pole	ea	105
3	Install New JRC7 Manhole	ea	0
4	Install GI Riser 100mm	ea	0
5	Install Fiber Distribution Point	ea	15
6	Closure (Splicing, Termination and Testing)	ea	2



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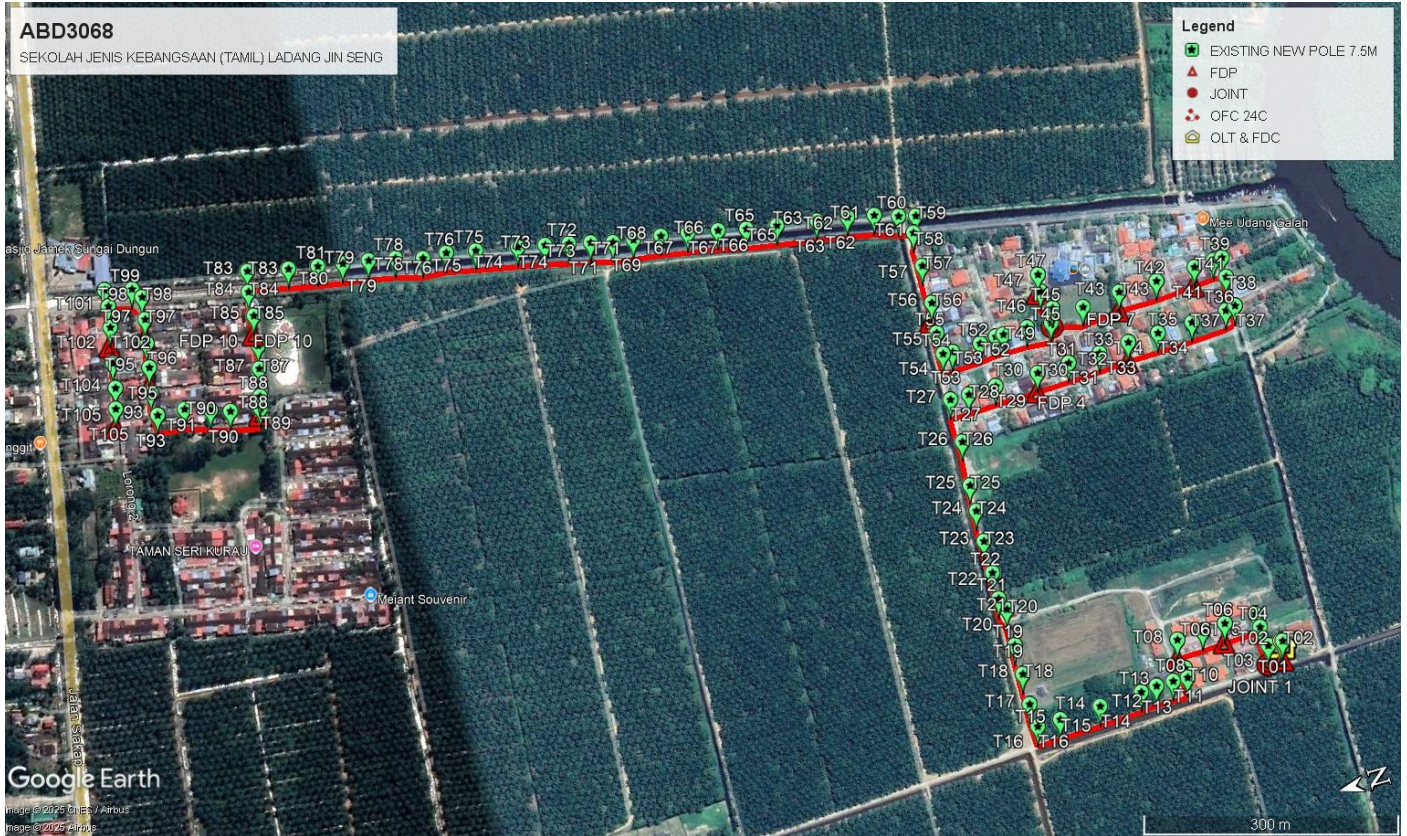
2.0 LOCAL AUTHORITY SUMMARY

Daerah Manjung

NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	-	-
		Majlis	105	3700
		Estate / Private Land	-	-
Total Distance (m)				3700M

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)	2	5.010967	100.476339	MAJLIS DAERAH KERIAN
2	T002 (FDP 1)	17	5.010951	100.476338	MAJLIS DAERAH KERIAN
3	T003 (JOINT 1)	23	5.011112	100.476333	MAJLIS DAERAH KERIAN
4	T004	16	5.011133	100.476541	MAJLIS DAERAH KERIAN
5	T005	36	5.011137	100.476688	MAJLIS DAERAH KERIAN
6	T006 (FDP 2)	28	5.011478	100.476680	MAJLIS DAERAH KERIAN
7	T007	31	5.011730	100.476664	MAJLIS DAERAH KERIAN
8	T008 (FDP 3)	34	5.012020	100.476655	MAJLIS DAERAH KERIAN
9	T009	10	5.012035	100.476345	MAJLIS DAERAH KERIAN
10	T010	18	5.012038	100.476244	MAJLIS DAERAH KERIAN
11	T011	21	5.012197	100.476250	MAJLIS DAERAH KERIAN
12	T012	20	5.012383	100.476251	MAJLIS DAERAH KERIAN
13	T013	50	5.012559	100.476233	MAJLIS DAERAH KERIAN
14	T014	49	5.013025	100.476212	MAJLIS DAERAH KERIAN
15	T015	29	5.013475	100.476198	MAJLIS DAERAH KERIAN
16	T016	27	5.013728	100.476195	MAJLIS DAERAH KERIAN
17	T017	36	5.013744	100.476442	MAJLIS DAERAH KERIAN
18	T018	35	5.013720	100.476766	MAJLIS DAERAH KERIAN
19	T019	43	5.013715	100.477083	MAJLIS DAERAH KERIAN
20	T020	16	5.013689	100.477476	MAJLIS DAERAH KERIAN
21	T021	32	5.013742	100.477611	MAJLIS DAERAH KERIAN
22	T022	38	5.013730	100.477893	MAJLIS DAERAH KERIAN
23	T023	37	5.013719	100.478242	MAJLIS DAERAH KERIAN
24	T024	32	5.013703	100.478576	MAJLIS DAERAH KERIAN
25	T025	53	5.013692	100.478857	MAJLIS DAERAH KERIAN
26	T026	50	5.013642	100.479331	MAJLIS DAERAH KERIAN
27	T027	24	5.013635	100.479803	MAJLIS DAERAH KERIAN
28	T028	34	5.013425	100.479801	MAJLIS DAERAH KERIAN
29	T029	54	5.013116	100.479809	MAJLIS DAERAH KERIAN
30	T030 (FDP 4)	39	5.012637	100.479821	MAJLIS DAERAH KERIAN
31	T031	39	5.012284	100.479833	MAJLIS DAERAH KERIAN
32	T032	37	5.011931	100.479844	MAJLIS DAERAH KERIAN

Proposed New Pole Coordinate

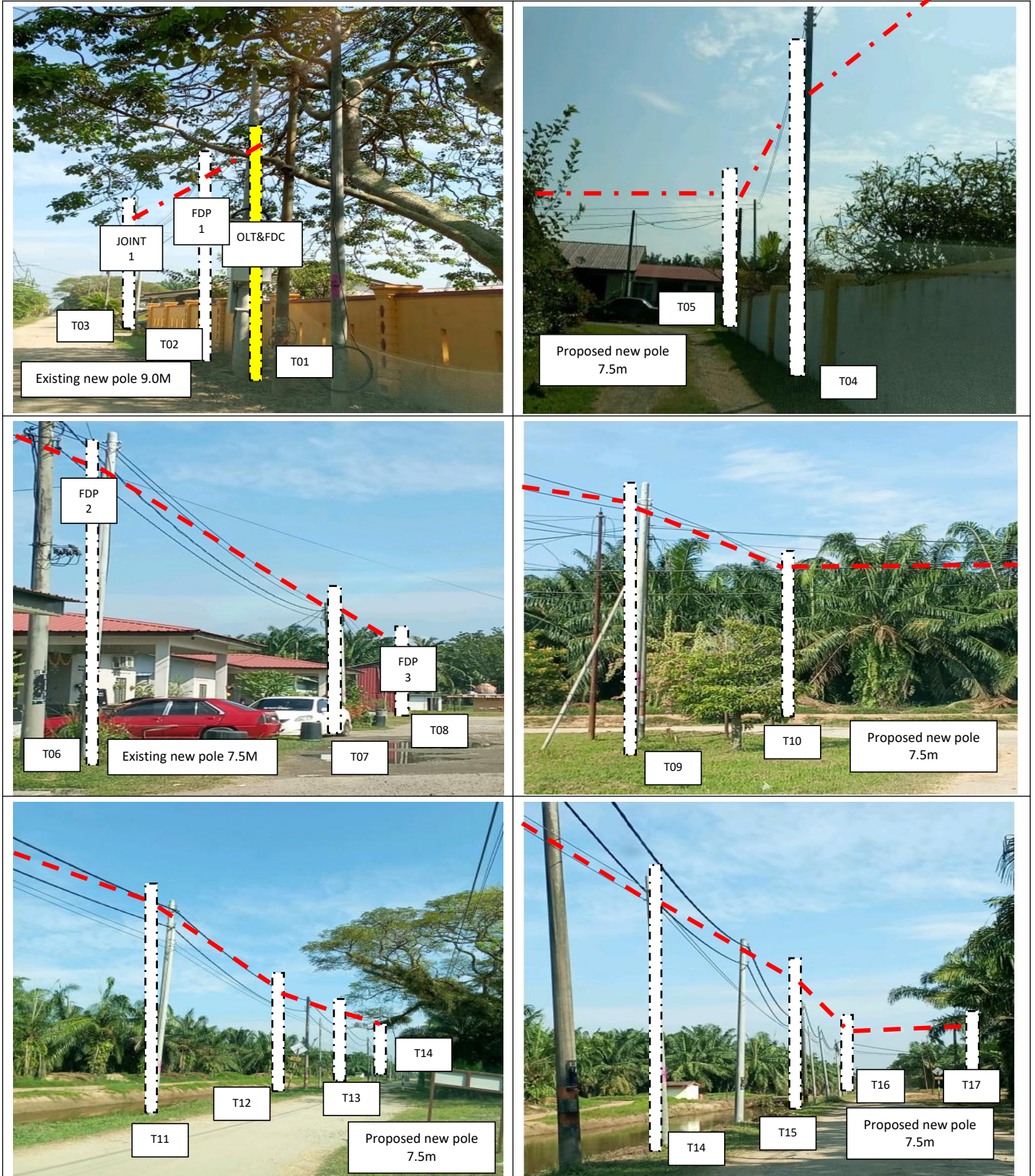
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
33	T033 (FDP 5)	37	5.011604	100.479869	MAJLIS DAERAH KERIAN
34	T034	43	5.011264	100.479878	MAJLIS DAERAH KERIAN
35	T035	44	5.010875	100.479888	MAJLIS DAERAH KERIAN
36	T036	13	5.010489	100.479910	MAJLIS DAERAH KERIAN
37	T037	36	5.010382	100.479932	MAJLIS DAERAH KERIAN
38	T038	24	5.010383	100.480260	MAJLIS DAERAH KERIAN
39	T039	10	5.010364	100.480475	MAJLIS DAERAH KERIAN
40	T040	24	5.010460	100.480472	MAJLIS DAERAH KERIAN
41	T041 (FDP 6)	48	5.010675	100.480458	MAJLIS DAERAH KERIAN
42	T042	46	5.011113	100.480425	MAJLIS DAERAH KERIAN
43	T043 (FDP 7)	47	5.011538	100.480424	MAJLIS DAERAH KERIAN
44	T044	37	5.011951	100.480374	MAJLIS DAERAH KERIAN
45	T045 (JOINT 2)	25	5.012278	100.480453	MAJLIS DAERAH KERIAN
46	T046	22	5.012354	100.480664	MAJLIS DAERAH KERIAN
47	T047 (FDP 8)	18	5.012337	100.480847	MAJLIS DAERAH KERIAN
48	T048	29	5.012338	100.480304	MAJLIS DAERAH KERIAN
49	T049	30	5.012606	100.480326	MAJLIS DAERAH KERIAN
50	T050	10	5.012872	100.480325	MAJLIS DAERAH KERIAN
51	T051	20	5.012957	100.480325	MAJLIS DAERAH KERIAN
52	T052	35	5.013142	100.480300	MAJLIS DAERAH KERIAN
53	T053	12	5.013460	100.480293	MAJLIS DAERAH KERIAN
54	T054	26	5.013566	100.480302	MAJLIS DAERAH KERIAN
55	T055	37	5.013569	100.480539	MAJLIS DAERAH KERIAN
56	T056 (FDP 9)	45	5.013528	100.480868	MAJLIS DAERAH KERIAN
57	T057	43	5.013513	100.481284	MAJLIS DAERAH KERIAN
58	T058	22	5.013503	100.481658	MAJLIS DAERAH KERIAN
59	T059	22	5.013426	100.481829	MAJLIS DAERAH KERIAN
60	T060	30	5.013608	100.481878	MAJLIS DAERAH KERIAN
61	T061	32	5.013860	100.481958	MAJLIS DAERAH KERIAN
62	T062	37	5.014148	100.482015	MAJLIS DAERAH KERIAN
63	T063	48	5.014477	100.482070	MAJLIS DAERAH KERIAN
64	T064	36	5.014905	100.482143	MAJLIS DAERAH KERIAN
65	T065	34	5.015233	100.482198	MAJLIS DAERAH KERIAN
66	T066	36	5.015534	100.482266	MAJLIS DAERAH KERIAN
67	T067	32	5.015857	100.482329	MAJLIS DAERAH KERIAN
68	T068	34	5.016146	100.482379	MAJLIS DAERAH KERIAN
69	T069	25	5.016443	100.482422	MAJLIS DAERAH KERIAN
70	T070	27	5.016664	100.482458	MAJLIS DAERAH KERIAN
71	T071	26	5.016897	100.482521	MAJLIS DAERAH KERIAN
72	T072	28	5.017126	100.482576	MAJLIS DAERAH KERIAN
73	T073	32	5.017379	100.482628	MAJLIS DAERAH KERIAN
74	T074	50	5.017667	100.482685	MAJLIS DAERAH KERIAN
75	T075	35	5.018113	100.482774	MAJLIS DAERAH KERIAN
76	T076	28	5.018428	100.482839	MAJLIS DAERAH KERIAN
77	T077	33	5.018687	100.482853	MAJLIS DAERAH KERIAN

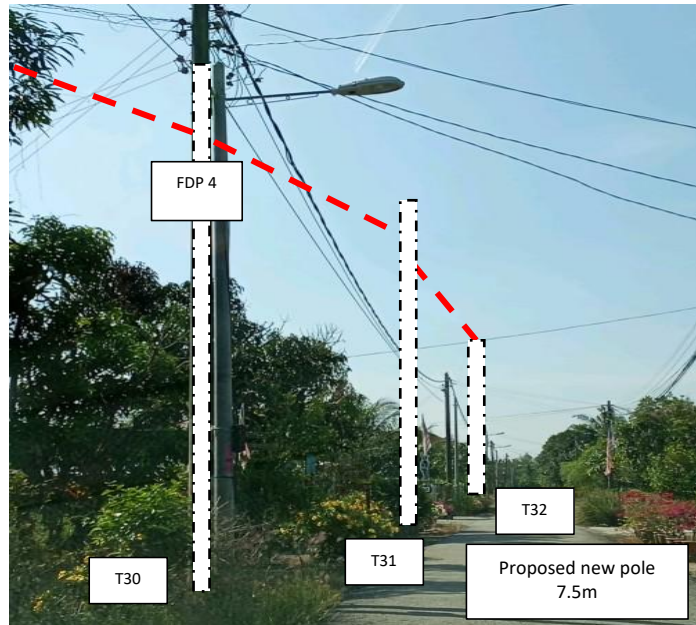
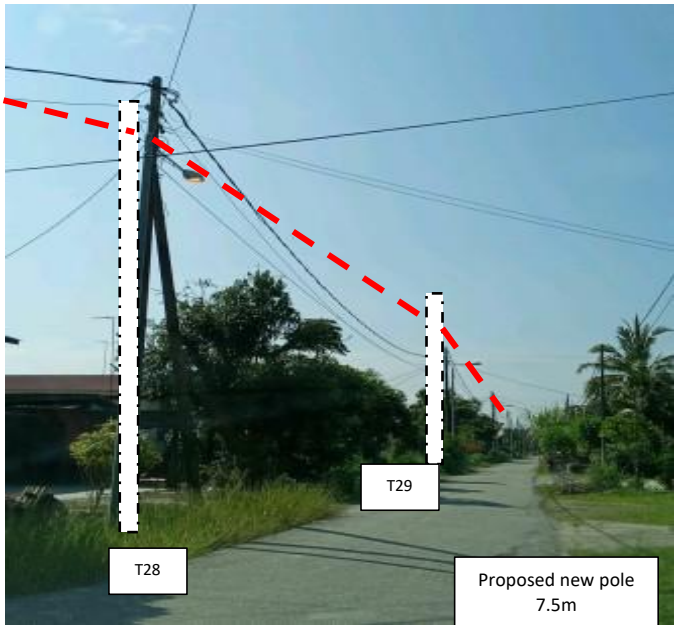
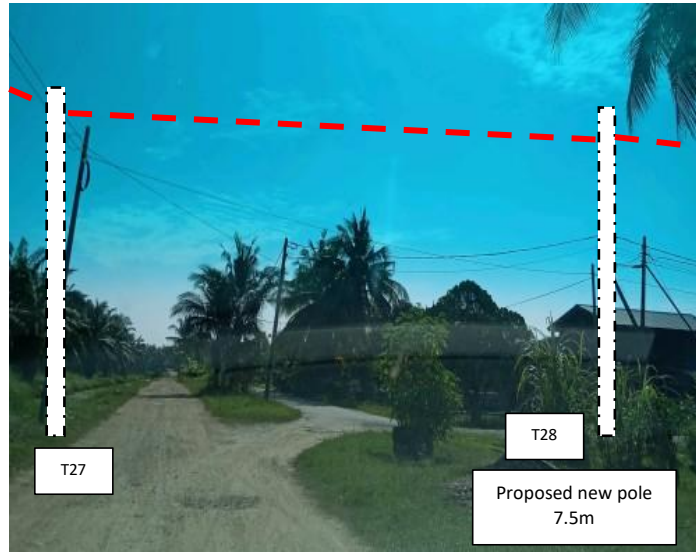
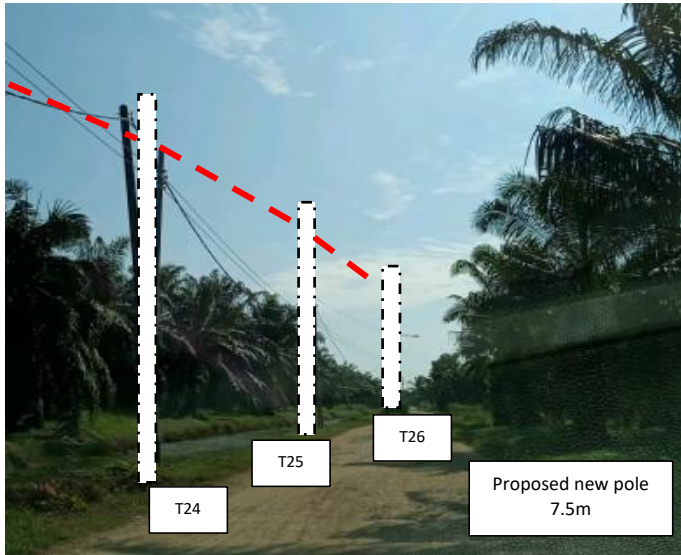
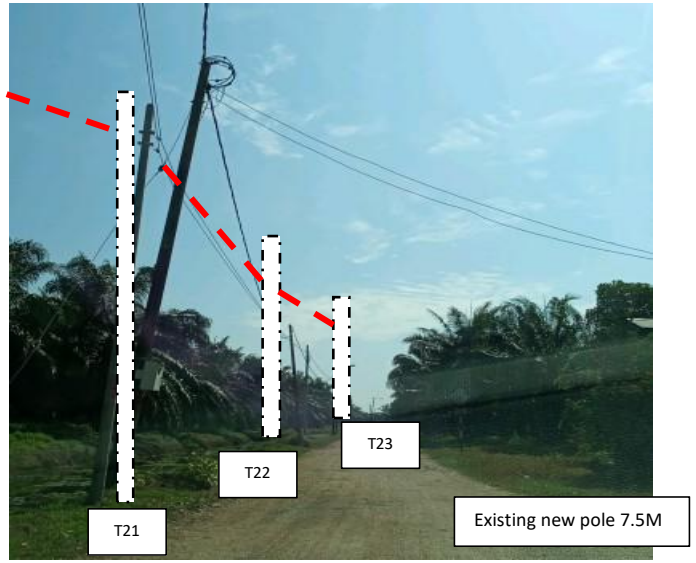
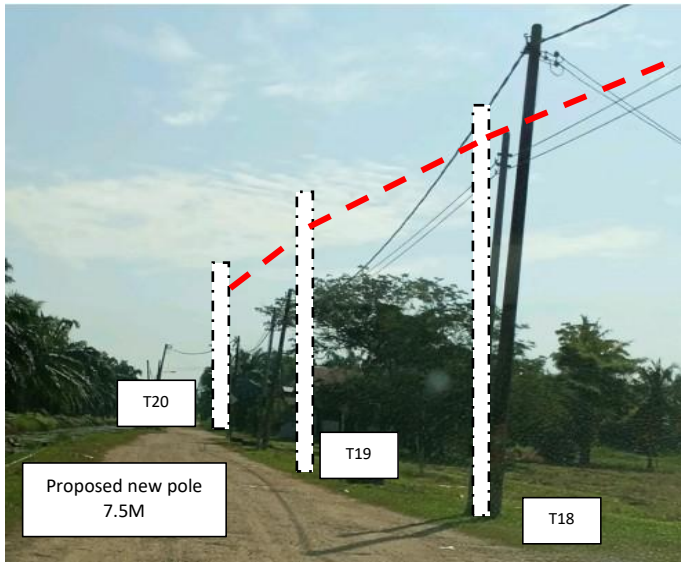
Proposed New Pole Coordinate

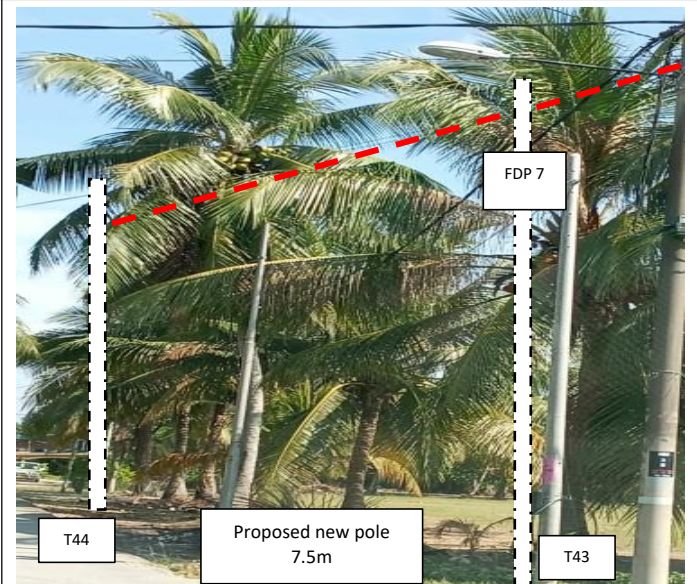
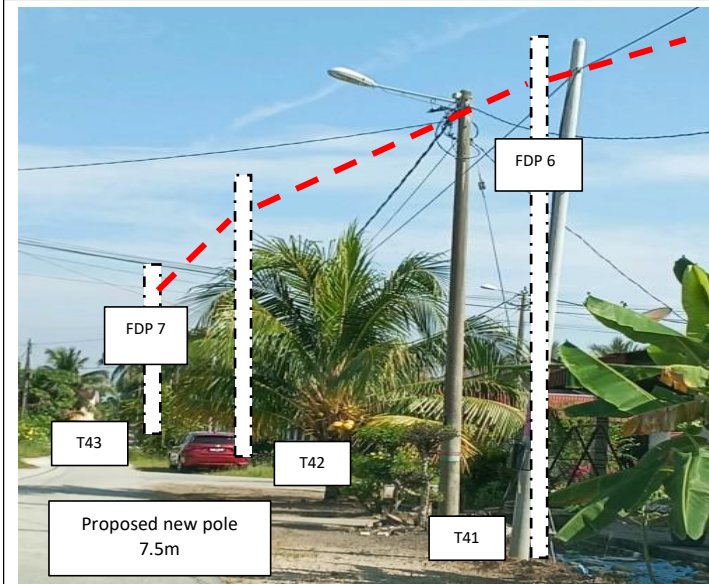
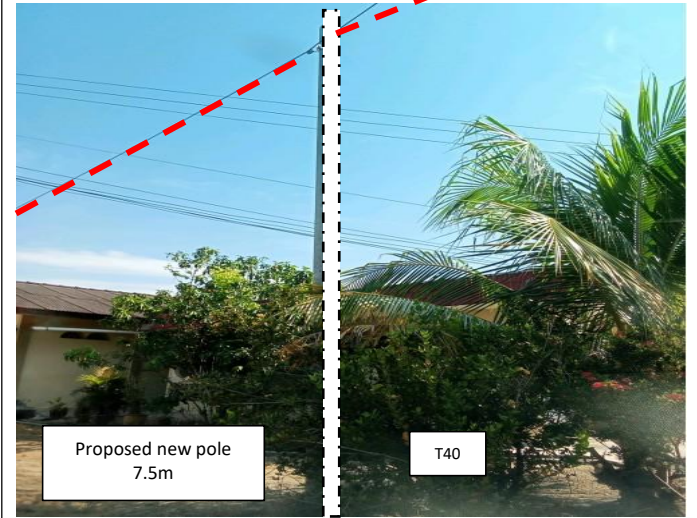
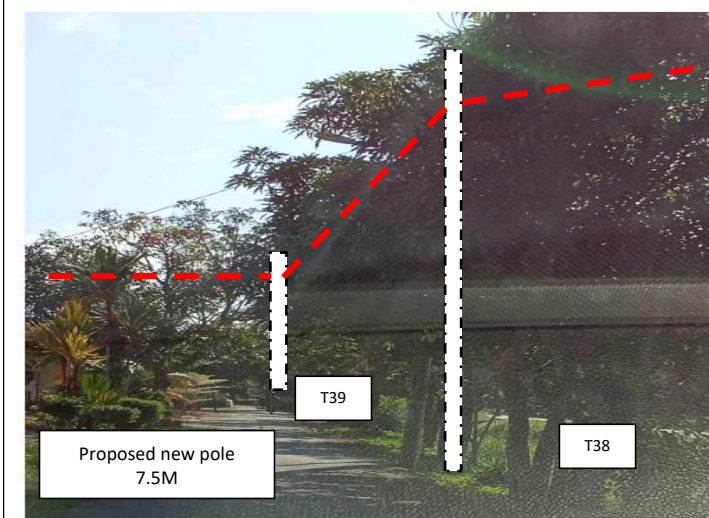
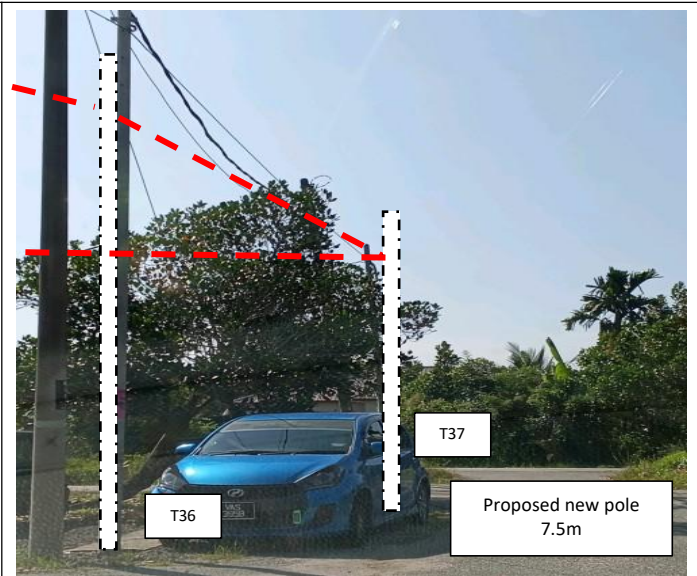
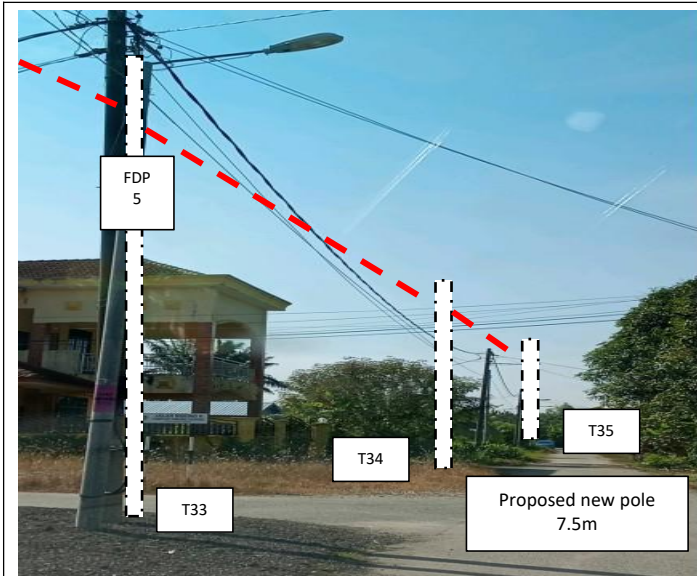
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
78	T078	32	5.018974	100.482938	MAJLIS DAERAH KERIAN
79	T079	32	5.019259	100.482994	MAJLIS DAERAH KERIAN
80	T080	30	5.019540	100.483040	MAJLIS DAERAH KERIAN
81	T081	35	5.019809	100.483089	MAJLIS DAERAH KERIAN
82	T082	49	5.020121	100.483148	MAJLIS DAERAH KERIAN
83	T083	25	5.020552	100.483246	MAJLIS DAERAH KERIAN
84	T084	30	5.020602	100.483024	MAJLIS DAERAH KERIAN
85	T085 (FDP 10)	36	5.020624	100.482758	MAJLIS DAERAH KERIAN
86	T086	28	5.020662	100.482438	MAJLIS DAERAH KERIAN
87	T087	34	5.020716	100.482192	MAJLIS DAERAH KERIAN
88	T088 (FDP 11)	16	5.020785	100.481897	MAJLIS DAERAH KERIAN
89	T089	36	5.020807	100.481767	MAJLIS DAERAH KERIAN
90	T090	24	5.021126	100.481827	MAJLIS DAERAH KERIAN
91	T091	31	5.021329	100.481897	MAJLIS DAERAH KERIAN
92	T092	32	5.021599	100.481987	MAJLIS DAERAH KERIAN
93	T093	28	5.021895	100.482003	MAJLIS DAERAH KERIAN
94	T094	31	5.021900	100.482257	MAJLIS DAERAH KERIAN
95	T095 (FDP 12)	29	5.021838	100.482528	MAJLIS DAERAH KERIAN
96	T096	31	5.021808	100.482790	MAJLIS DAERAH KERIAN
97	T097 (FDP 13)	27	5.021759	100.483048	MAJLIS DAERAH KERIAN
98	T098	15	5.021732	100.483293	MAJLIS DAERAH KERIAN
99	T099	33	5.021816	100.483408	MAJLIS DAERAH KERIAN
100	T100	20	5.022105	100.483480	MAJLIS DAERAH KERIAN
101	T101	27	5.022110	100.483298	MAJLIS DAERAH KERIAN
102	T102 (FDP 14)	43	5.022156	100.483068	MAJLIS DAERAH KERIAN
103	T103	31	5.022221	100.482683	MAJLIS DAERAH KERIAN
104	T104	24	5.022261	100.482414	MAJLIS DAERAH KERIAN
105	T105 (FDP 15)	20	5.022312	100.482196	MAJLIS DAERAH KERIAN

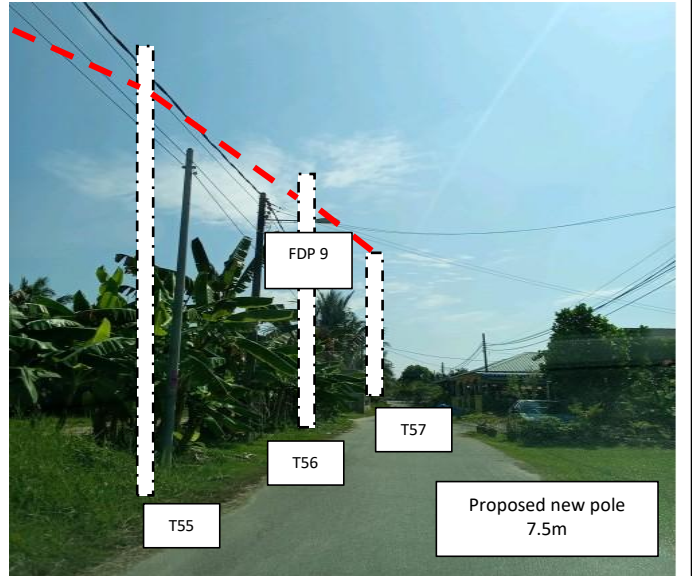
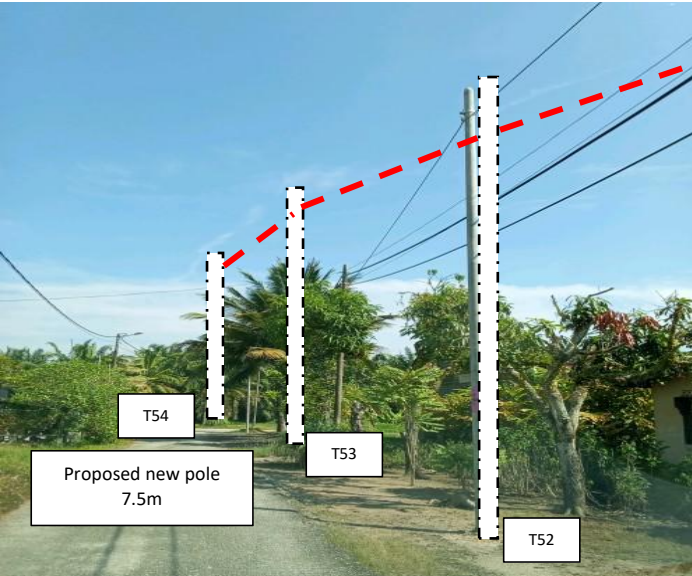
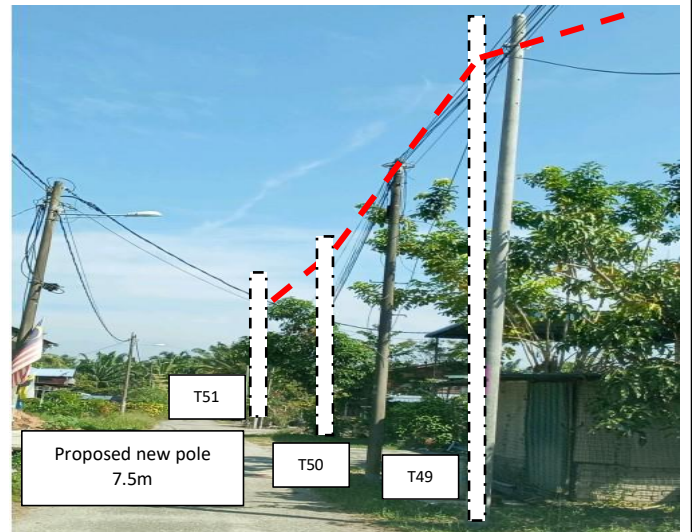
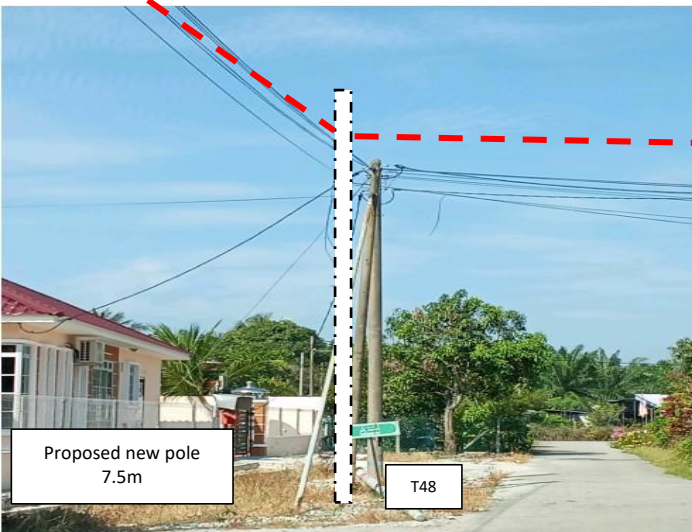
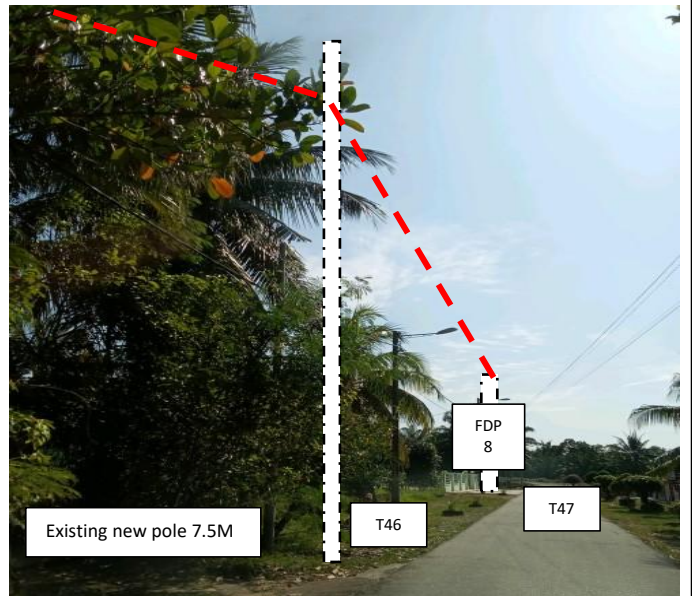
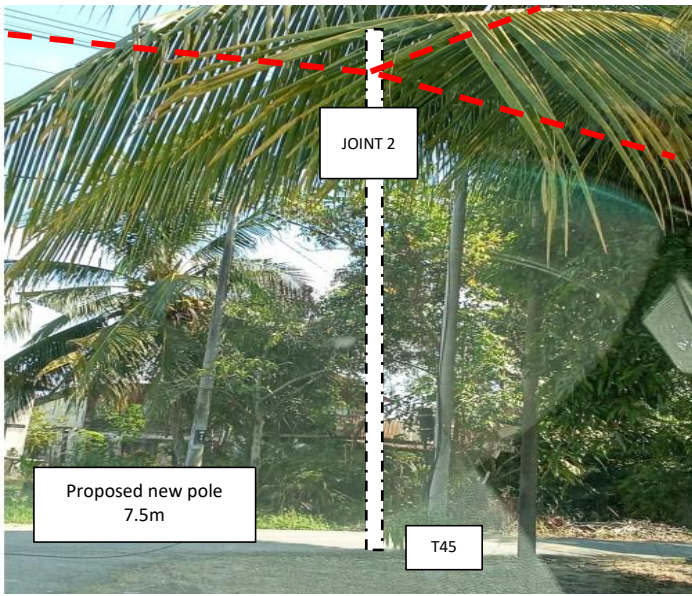
Bil	Type	7.5m	9.0m	Total
1.	No Of Pole	104	1	105

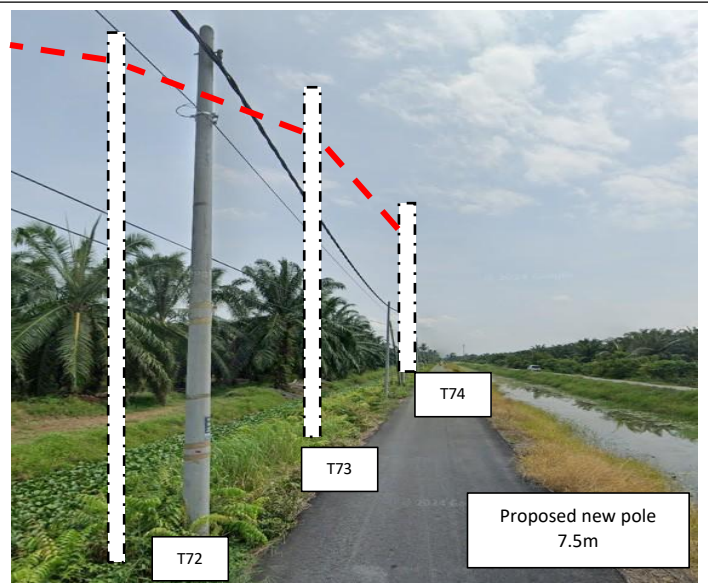
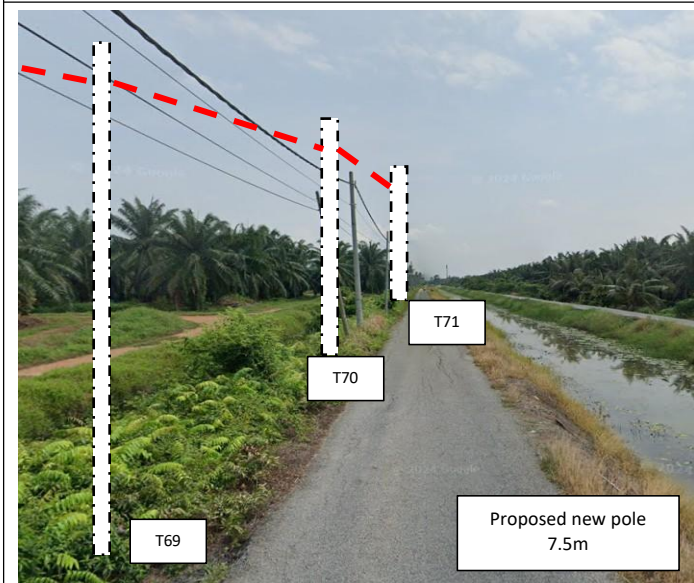
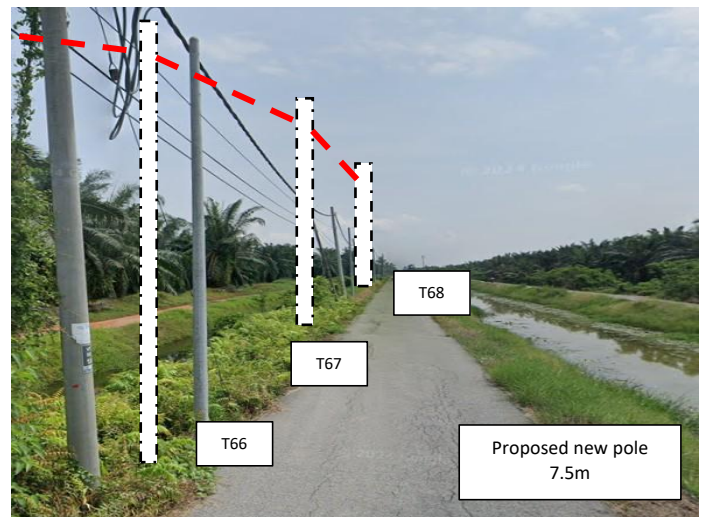
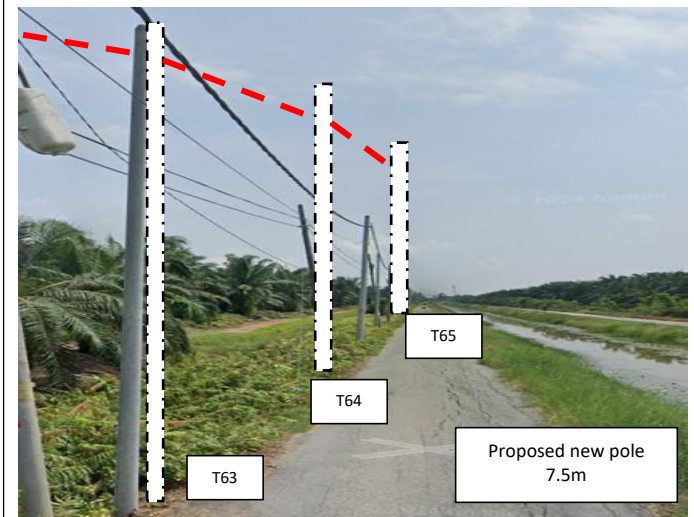
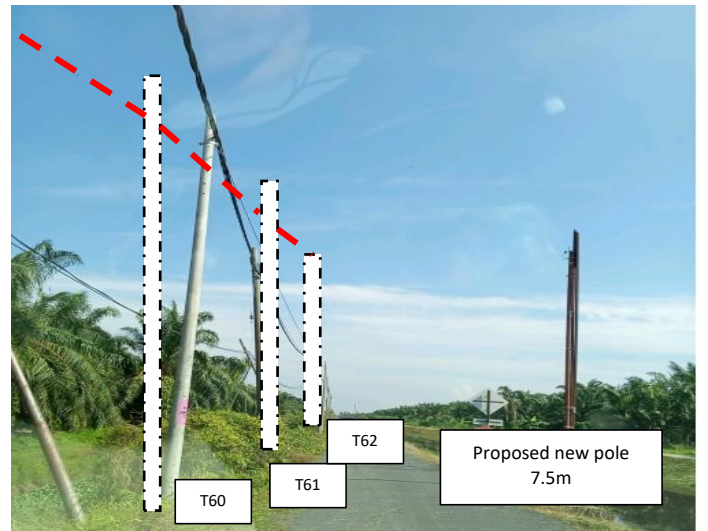
6.0 SITE PHOTOS - PROPOSED NEW POLE

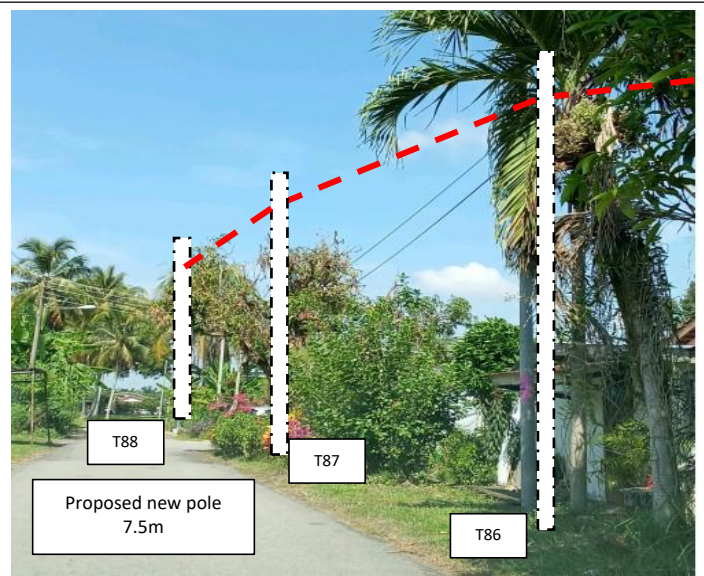
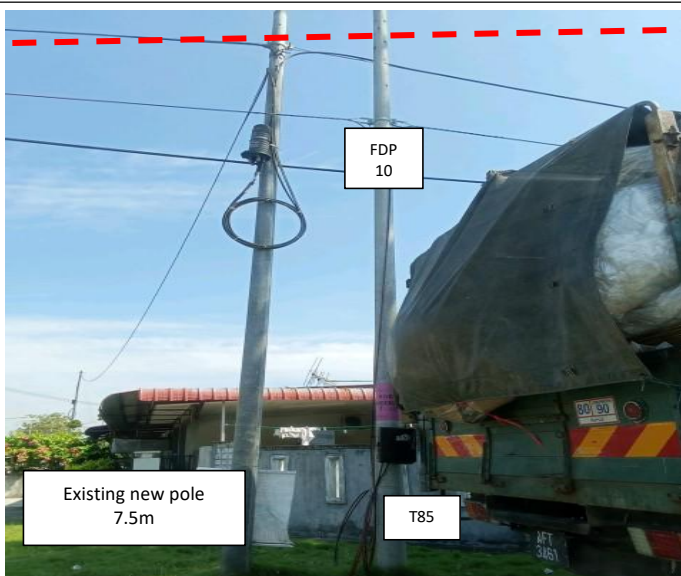
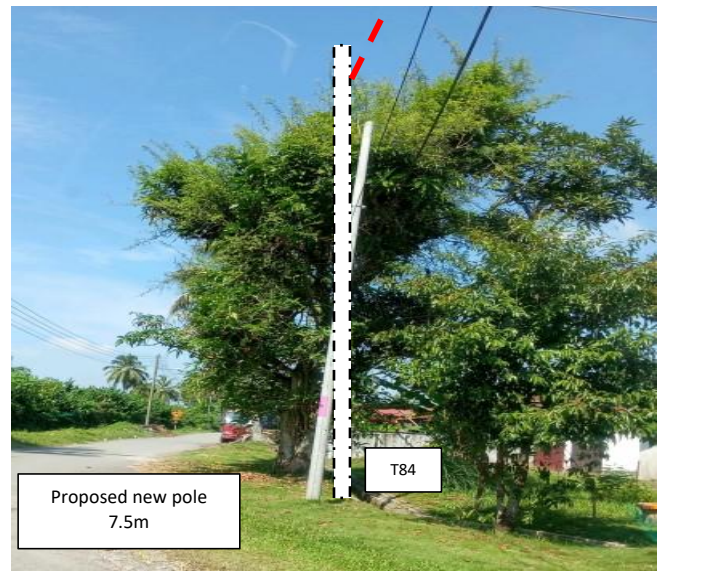
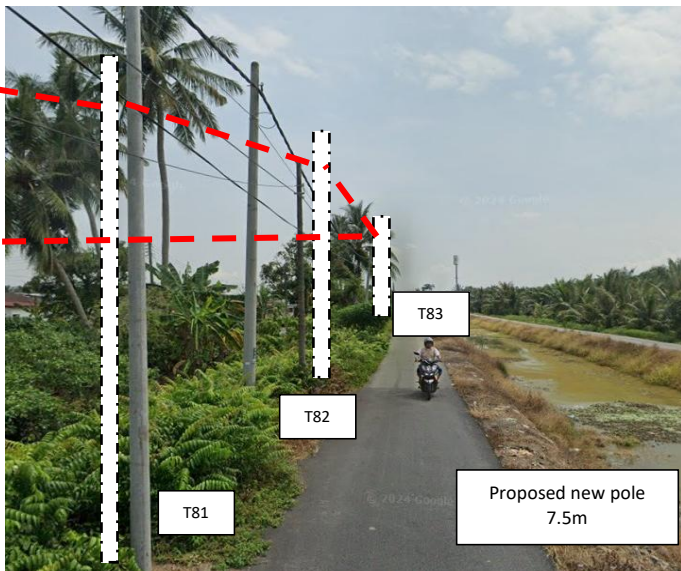
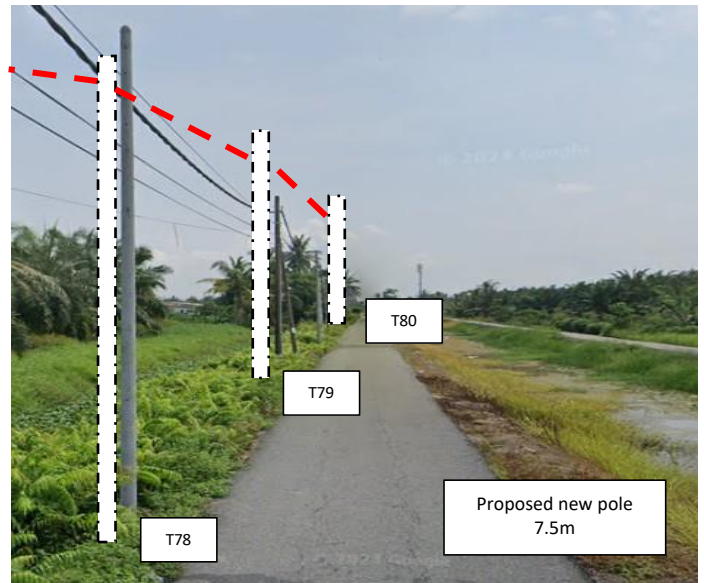
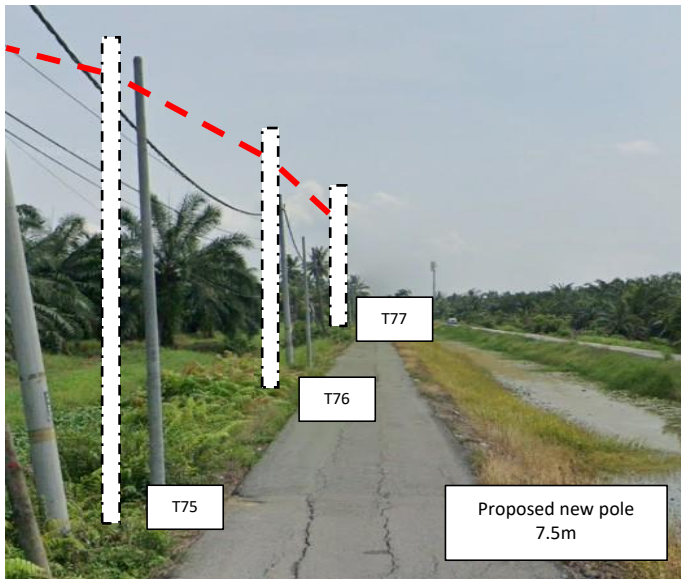


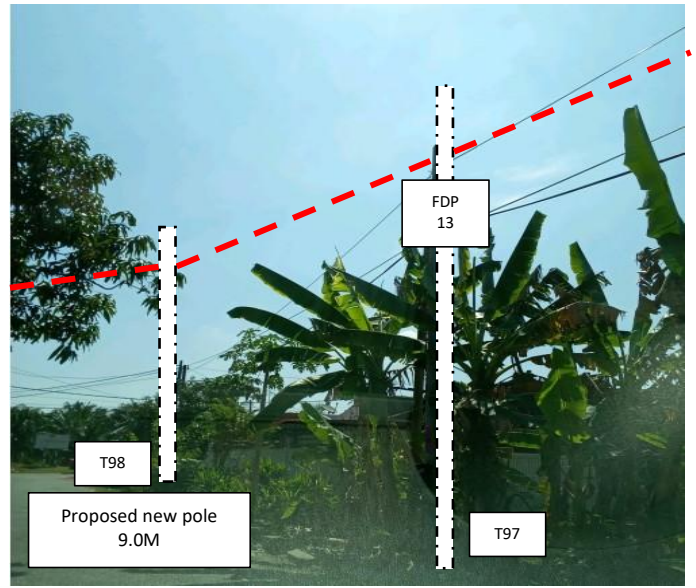
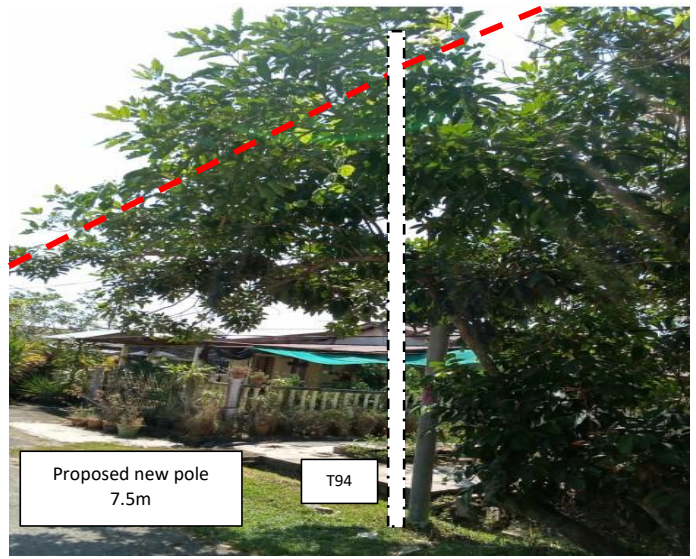
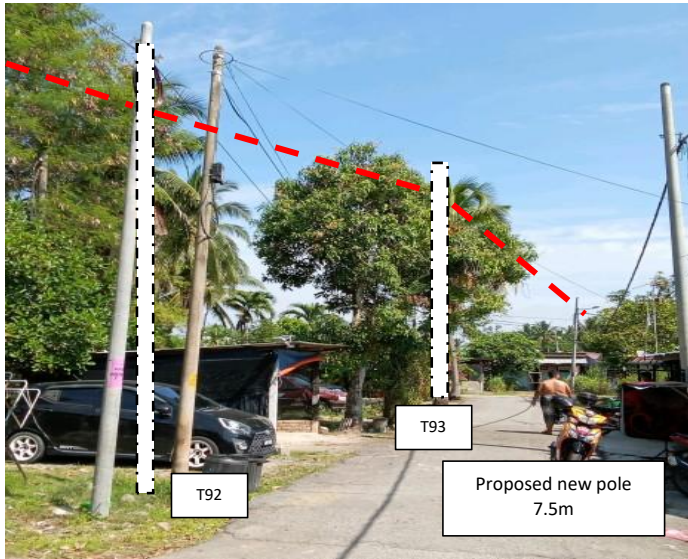
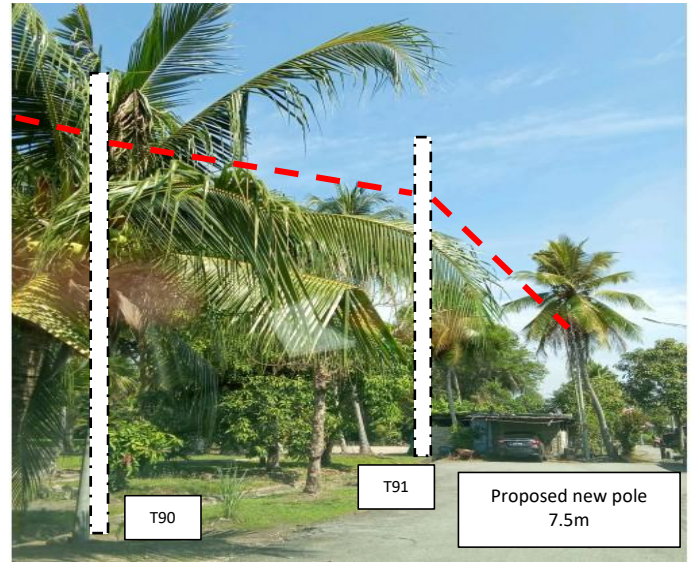
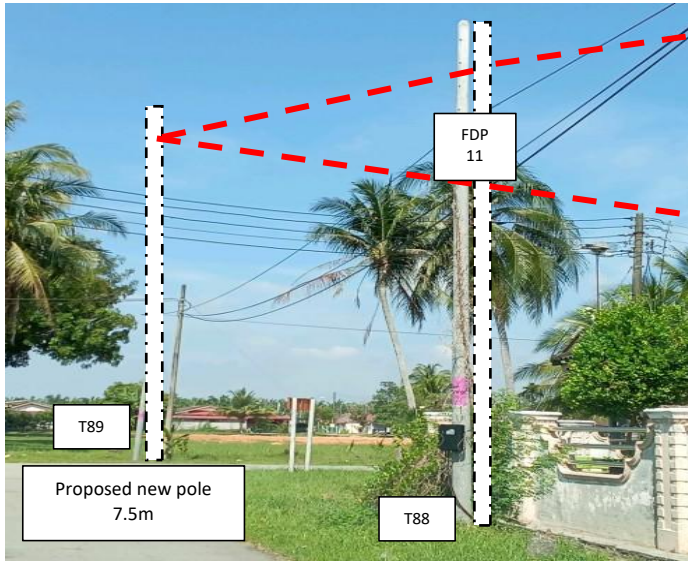


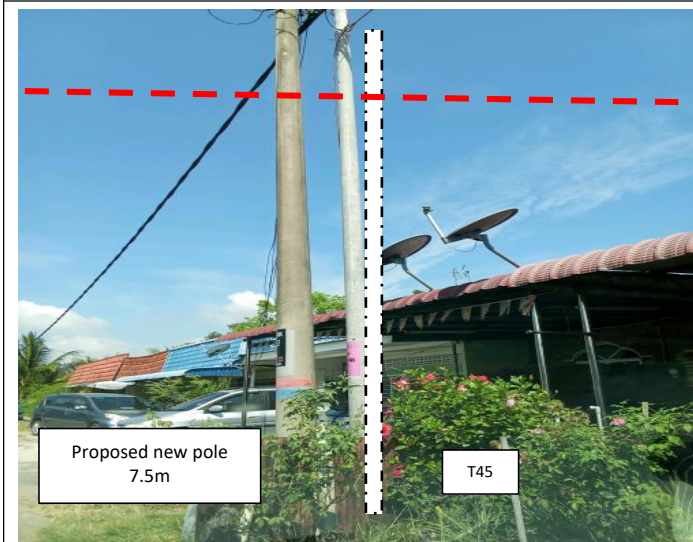
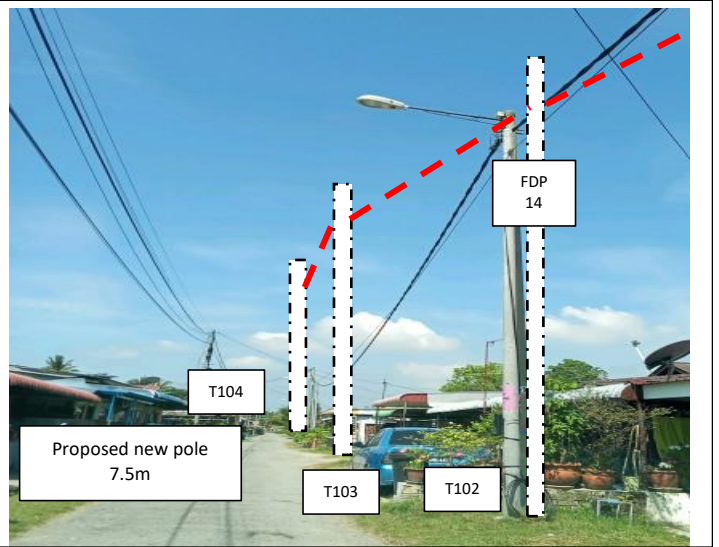
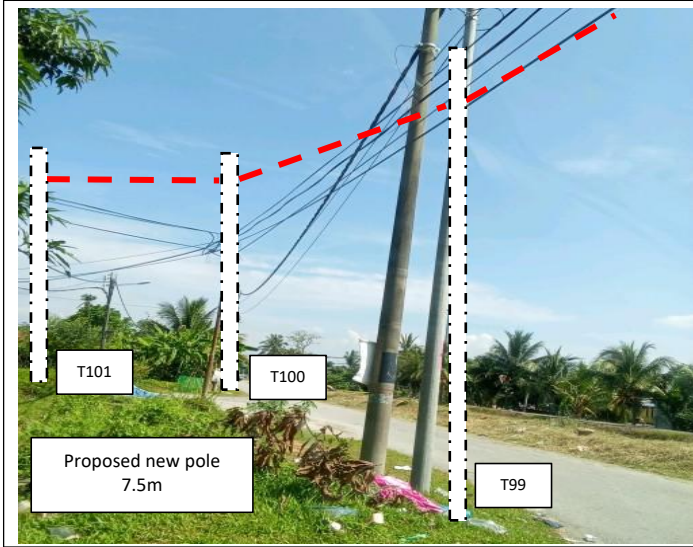












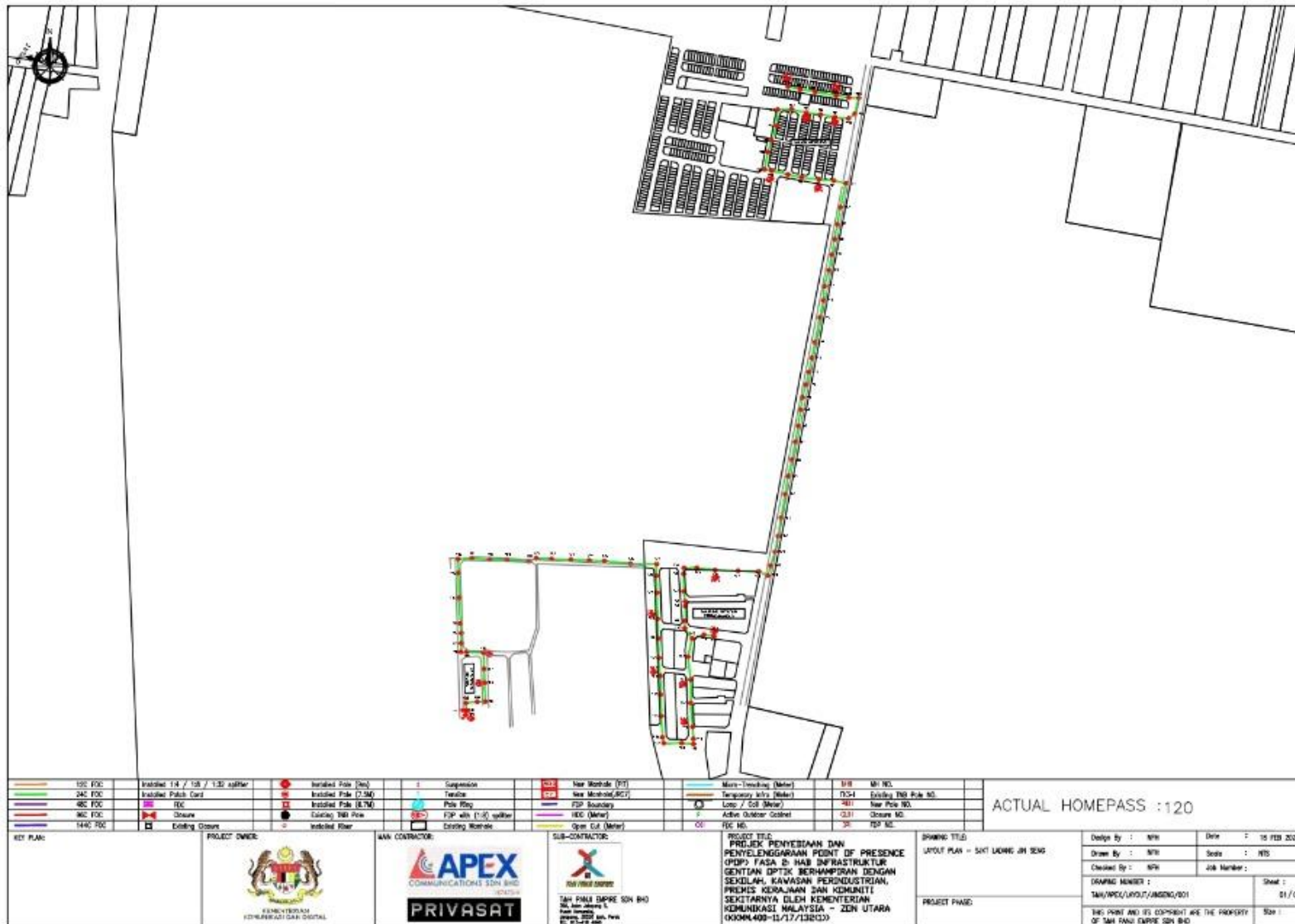


PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENT (POP) FASA 2: HAB INFRASTUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA (KKMM.400-11/17/132(1))



7.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Perbandaran Kerian	3700 M
2	JKR Ke	-



100 FOC	Installed 14 / 15 / 150 splitter	Installed Pole (Pole)	1	Suspension	100	New Workable (PIT)	100	Mano-Terbilang (Meter)	100	MI NO.
200 FOC	Installed Patch Cord	Installed Pole (1.5M)	1	Trench	100	New Material (SCT)	100	Temporary Job (Meter)	100	Existing 150 Pole NO.
400 FOC	FOC	Installed Pole (1.7M)	1	Pole Ring	100	FSP Boundary	100	Loop / Coil (Meter)	100	New Pole NO.
800 FOC	Closure	Existing 150 Pole	1	FSP with 1:32 splitter	100	NEC (Meter)	100	Active Outdoor Cabinet	100	Closure NO.
1400 FOC	Existing Closure	Installed Fiber	1	Existing Workable	100	Open Cut (Meter)	100	FE NO.	35	FSP NO.

KEY PLAN	PROJECT OWNER	MAIN CONTRACTOR	SUB-CONTRACTOR	PROJECT TITLE	DRAWING TITLE	Design By : N/A	Date : 15 FEB 2025
				PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASA 2 HUB INFRASTRUKTUR SENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJINAN DAN KEMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZEN UTARA (KKM1400-11/17/13212)	LAYOUT PLAN - SAKI LINGG JIN SENG	Drawn By : N/A	Scale : N/A
						Checked By : N/A	Job Number :
						DRAWING NUMBER :	Sheet :
						TAN/PRO/LAYO1/ANGNO/001	01 / 04
						PROJECT PHASE :	Site :
						THIS POINT AND ITS EQUIPMENT ARE THE PROPERTY OF TAN FAUZ DARRE SDN BHD.	



SECTION 1

120 FDC	Installed 1x4 / 1x8 / 1x2 splitter	Installed Pole (2m)	Suspension bracket	New Muxhale (PT)	Micro-trenching (meter)	MH NO.
300 FDC	Installed Patch Cord	Installed Pole (7.5M)	Pole Ring	New Muxhale (AC)	Temporary Info (Meter)	Existing DB Pole NO.
480 FDC	FDC	Installed Pole (6.75M)	FDP with (1:8) splitter	FDP Boundary	Low / Call (Meter)	New Pole NO.
960 FDC	Closure	Existing DB Pole	Existing Muxhale	NEC (Meter)	Active Outdoor Cabinet	Closure NO.
1440 FDC	Existing Closure	Installed Meter	Open End (Meter)	FDP NO.	FDP NO.	FDP NO.

KEY PLAN

PROJECT OWNER: KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR: **APEx** COMMUNICATIONS SDN BHD

SUB-CONTRACTOR: **TSH FASIS** SDN BHD

PROJECT TITLE: PROJEK PENYEDIAAN DAN PENYELANGARAAN POINT OF PRESENCE (POP) FASA 2: HAB INFRASTRUKTUR GANTIAN OPTIK BERSAMIPADAN DENGAN SEKOLAH KAWASAN PERINDUSTRIAN, PRENSIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA (SOKOM-100-11/17/15B(1))

DRAWING TITLE: LAYOUT PLAN - SAKT LINGKAI JIN SENG

Design By : NFI **Date :** 18 FEB 2025

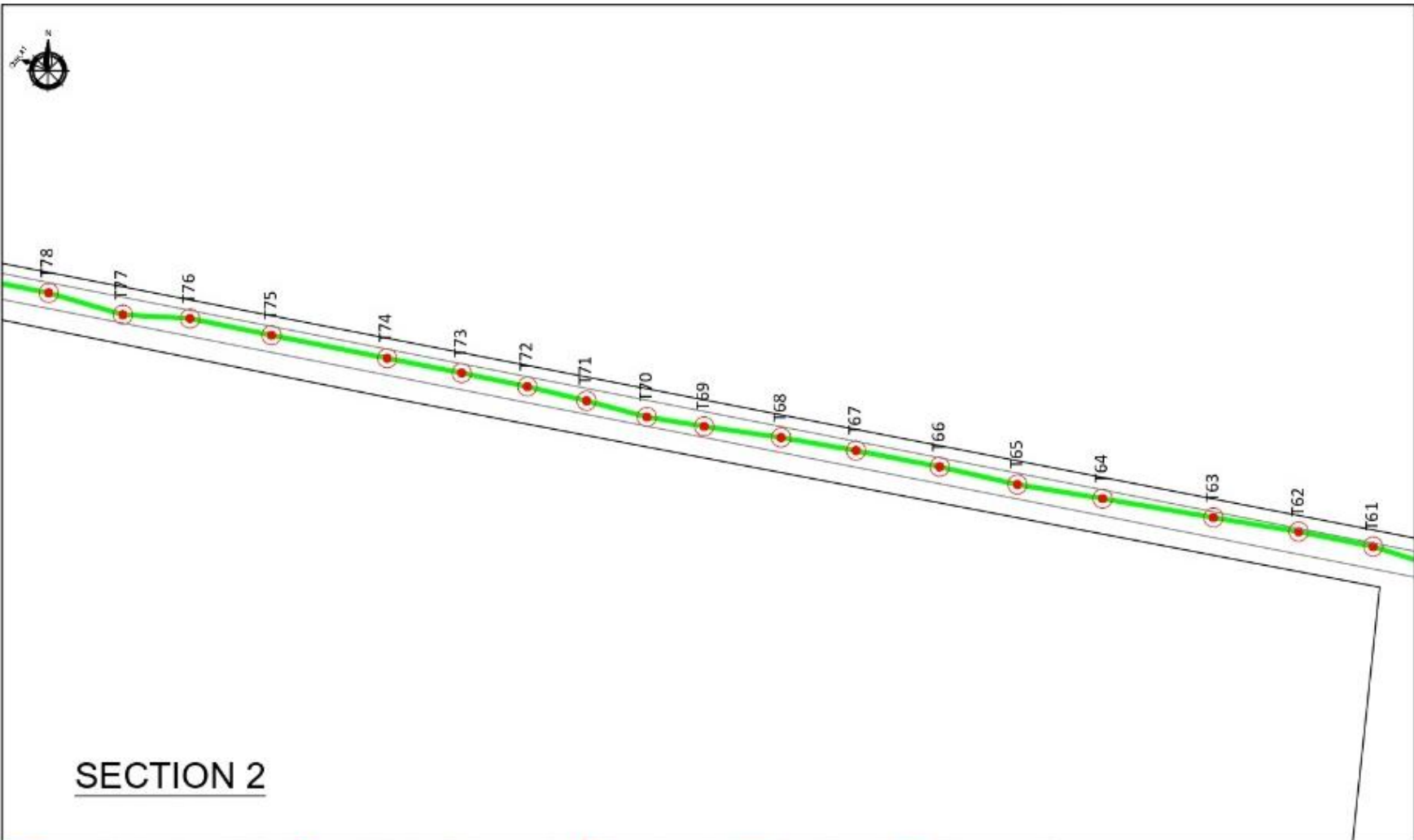
Drawn By : NFI **Scale :** NTS

Checked By : NFI **Job Number :**

DRAWING NUMBER : TSH/AFD/SKADT/SRGN/002 **Sheet :** 02/24

PROJECT PHASE: This PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF TSH FASIS SDN BHD **Site :**

ACTUAL HOMEPASS :120

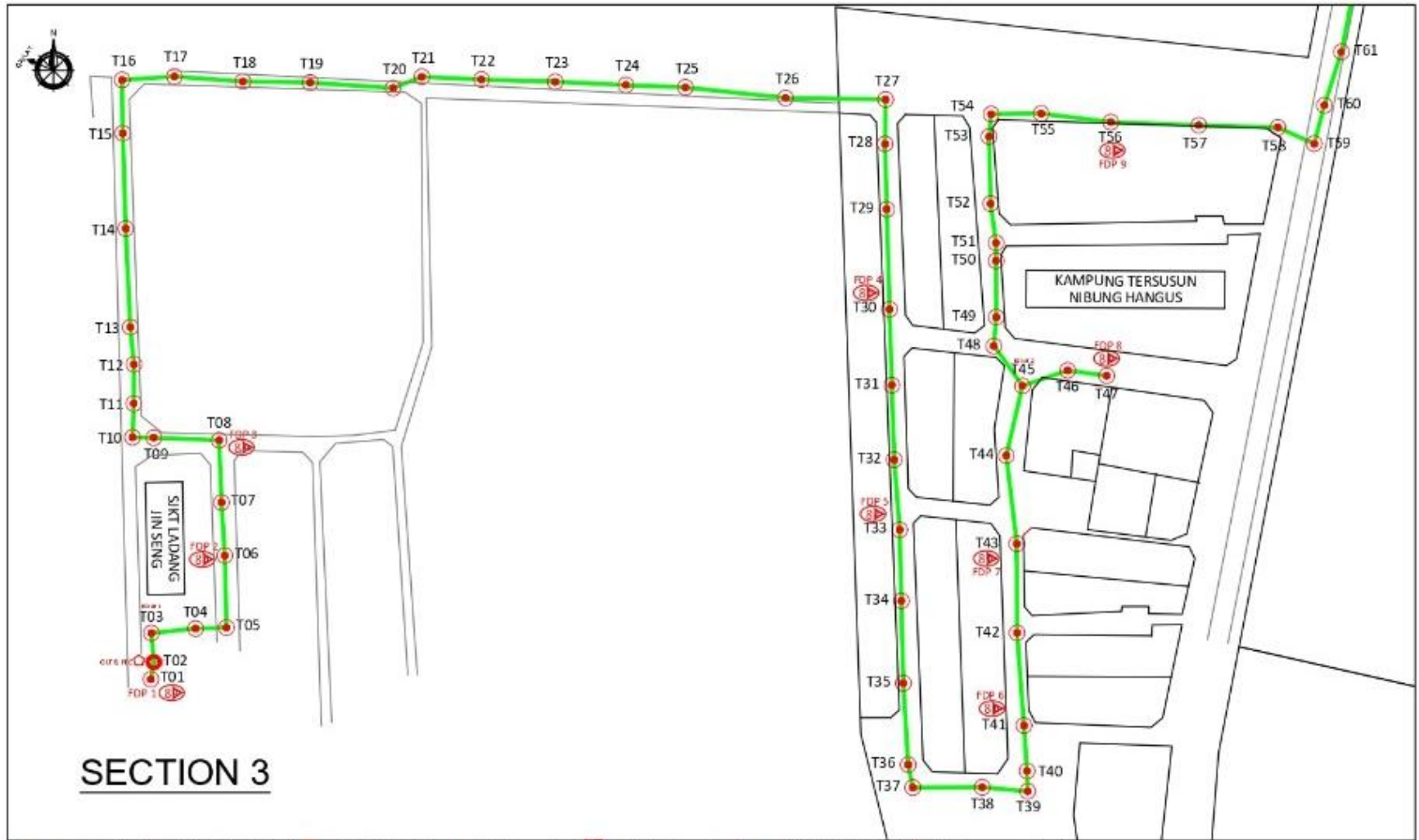


SECTION 2

24E FOC	Installed Patch Cord	Installed Pole (m)	Suspended	New Manhole (M)	Mark-Tracking (Bata)	M1	M1 NO.
24E FOC	Installed Patch Cord	Installed Pole (1.5M)	Insulin	New Manhole (M2)	Temporary wire (Bata)	T101	Existing TBE Pole NO.
48E FOC	FOC	Installed Pole (1.5M)	New Ring	FSP Boundary	Loop / Call (Meter)	S18	New Pole NO.
36E FOC	Closure	Existing TBE Pole	FSP with (1.8) splitter	HEB (Meter)	Active Number Cabinet	C18	Closure NO.
144E FOC	Existing Closure	Installed fiber	Existing Vehicle	Open Call (Meter)	RC NO.	T2	TSP NO.

KEY PLAN	PROJECT OWNER: 	MAIN CONTRACTOR: PRIVASAT	SUB-CONTRACTOR: 	PROJECT TITLE: PROJEK PENYEDIAAN DAN PENYELANGGARAAN POINT OF PRESENCE (POPO) FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KEMUNICI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZENI UTARA 000M400-11/17/132C13	DRAWING TITLE: LAYOUT PLAN - SJK LINGG JIN SENG	Design By : MFI	Date : 18 FEB 2025
						Drawn By : MFI	Scale : MTS
						Checked By : MFI	Job Number :
						DRAWING NUMBER :	Sheet : 05 / 04
						TAH/AFCD/LAYOUT/ANGKAS/005	
						PROJECT PHASE	Box :
						THIS DRAWING AND ITS CONTENTS ARE THE PROPERTY OF TAH FAMA ENPRE SDN BHD	

ACTUAL HOMEPASS : 120



SECTION 3

ACTUAL HOMEPASS :120

15C FOC	Installed 15C / 15B / 15D splitter	Installed Pole (New)	Suspension	New Manhole (T1)	Micro-Trenching (Meter)	SP1	SP NO.
24C FOC	Installed Patch Cord	Installed Pole (TSM)	Terminal	New Manhole (BC7)	Trenching 150mm (Depth)	T54	Existing Pole No.
48C FOC	FOC	Installed Pole (LTM)	Pole Ring	OSP Boundary	Loop / Soil (Meter)	T18	New Pole No.
96C FOC	Closure	Existing 96C Pole	FOC into 15C splitter	HO (Meter)	Active Outdoor Cabinet	OUR	Closure No.
144C FOC	Existing Closure	Installed Pole	Existing Manhole	Open Cut (Meter)	SP	OSP NO.	

KEY PLAN	PROJECT OWNER  KEMENTERIAN KOMUNIKASI DAN DIGITAL	MAIN CONTRACTOR  PRIVASAT	SUB-CONTRACTOR  TAI PAU EMPIRE SDN BHD No. 20, Jalan Ampang 5, Pusat Comnetek, 50088 Kuala Lumpur, Kuala Lumpur, Malaysia Tel: 03-2042-4844	PROJECT TITLE PROJEK PENYEDIAAN DAN PENYELENGARAAN POINT OF PRESENCE (POP) FASA 3: HAD INFRASTRUKTUR GENTIAN OPTIK BERTAMPAHAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAHAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA (000M403-11/17/132C13)	DRAWING TITLE LAYOUT PLAN - SUK LADANG JIN SENG	Design By : NFI Drawn By : NFI Checked By : NFI PROJECT PRICE:	Date : 10 FEB 2025 Scale : NCS Job Number : Drawing Number : TAI/MPD/LAND/ANONG/004 Sheet : 04/04 THE PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF TAI PAU EMPIRE SDN BHD
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