

TECHNICAL PROPOSAL

PMU TINT ABA5015 SEKOLAH KEBANGSAAN SUNGAI JEJAWI

Company Name : T&H PANJI EMPIRE SDN BHD
Company Address : No 39A, Jalan Jelapang 5, Pusat Komersial Jelapang, 30020 Ipoh, Perak Darul Ridzuan.
Prepared By : Muhamad Hasif Bin Mohamed Hanif
Date : 22/11/2024



Starting Point

Site / Boundary Name : TELUK INTAN
 Address : SK SUNGAI JEJAWI
 District : HILIR PERAK
 Postcode : 36000
 State : Perak
 GPS Coordinate : 4.062628, 100.9288
 LRD : A

End Point

Site / Boundary Name : TELUK INTAN
 Address : KG. SUNGAI TIMAH
 District : HILIR PERAK
 Postcode : 36000
 State : Perak
 GPS Coordinate : 4.059672, 100.930619
 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))



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	3500
2	Install New Pole	ea	83
3	Install New JRC7 Manhole	ea	0
4	Install GI Riser 100mm	ea	0
5	Install Fiber Distribution Point and Closure (Splicing, Termination and Testing)	ea	16
6	Estimated Time Required for Completion	days	30



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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	83	3500
		Estate / Private Land	-	-
Total Distance (m)				3500

3.0 SITE PLAN (KMZ)

3.1 Overview Site Area



3.2 FDP location



3.3 Site Plan - KMZ Routing (All Local Authority)



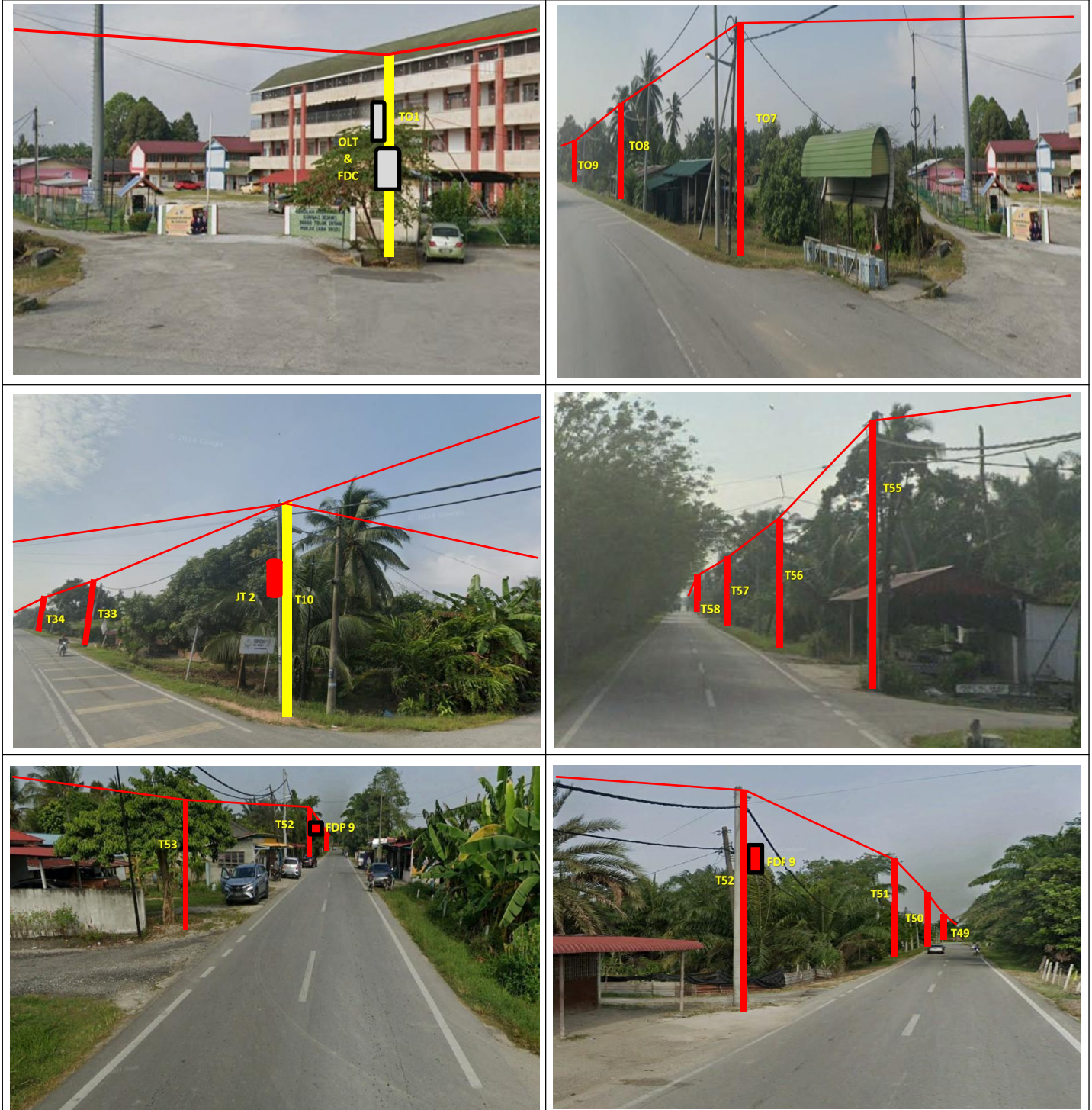
Red Colour - Majlis Road

4.0 PROPOSED NEW POLE

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	25	4.062637	100.928799	HILIR PERAK
2	T002	27	4.062870	100.928784	HILIR PERAK
3	T003	30	4.062874	100.928577	HILIR PERAK
4	T004	35	4.062840	100.928201	HILIR PERAK
5	T005	32	4.062788	100.927923	HILIR PERAK
6	T006	0	4.062603	100.928973	HILIR PERAK
7	T007	16	4.062558	100.929074	HILIR PERAK
8	T008	20	4.062410	100.929148	HILIR PERAK
9	T009	26	4.062206	100.929262	HILIR PERAK
10	T010	29	4.061980	100.929384	HILIR PERAK
11	T011	30	4.061872	100.929134	HILIR PERAK
12	T012	35	4.061615	100.928954	HILIR PERAK
13	T013	41	4.061302	100.928749	HILIR PERAK
14	T014	20	4.061904	100.929544	HILIR PERAK
15	T015	32	4.062024	100.929800	HILIR PERAK
16	T016	36	4.062277	100.930006	HILIR PERAK
17	T017	40	4.062580	100.930206	HILIR PERAK
18	T018	44	4.062926	100.930460	HILIR PERAK
19	T019	42	4.063155	100.930657	HILIR PERAK
20	T020	45	4.063481	100.930905	HILIR PERAK
21	T021	44	4.063801	100.931148	HILIR PERAK
22	T022	31	4.064042	100.931312	HILIR PERAK
23	T023	40	4.064313	100.931543	HILIR PERAK
24	T024	40	4.064619	100.931764	HILIR PERAK
25	T025	37	4.064880	100.931951	HILIR PERAK
26	T026	35	4.065120	100.932156	HILIR PERAK
27	T027	39	4.065409	100.932363	HILIR PERAK
28	T028	44	4.065692	100.932617	HILIR PERAK
29	T029	42	4.066010	100.932828	HILIR PERAK
30	T030	45	4.066331	100.933071	HILIR PERAK
31	T031	42	4.066623	100.933311	HILIR PERAK
32	T032	31	4.066848	100.933471	HILIR PERAK
33	T033	40	4.061669	100.929543	HILIR PERAK
34	T034	40	4.061338	100.929714	HILIR PERAK
35	T035	43	4.061001	100.929897	HILIR PERAK
36	T036	36	4.060709	100.930041	HILIR PERAK
37	T037	45	4.060302	100.930255	HILIR PERAK
38	T038	38	4.059995	100.930425	HILIR PERAK
39	T039	42	4.059654	100.930623	HILIR PERAK
40	T040	30	4.059426	100.930725	HILIR PERAK

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
41	T041	36	4.059166	100.930878	HILIR PERAK
42	T042	40	4.058846	100.931055	HILIR PERAK
43	T043	38	4.058597	100.931282	HILIR PERAK
44	T044	38	4.058401	100.931552	HILIR PERAK
45	T045	36	4.058246	100.931847	HILIR PERAK
46	T046	33	4.058089	100.932106	HILIR PERAK
47	T047	38	4.057904	100.932409	HILIR PERAK
48	T048	31	4.057787	100.932647	HILIR PERAK
49	T049	44	4.057588	100.932984	HILIR PERAK
50	T050	40	4.057397	100.933275	HILIR PERAK
51	T051	40	4.057217	100.933599	HILIR PERAK
52	T052	44	4.057017	100.933944	HILIR PERAK
53	T053	45	4.056893	100.934203	HILIR PERAK
54	T054	38	4.056707	100.934478	HILIR PERAK
55	T055	45	4.056494	100.934864	HILIR PERAK
56	T056	43	4.056268	100.935183	HILIR PERAK
57	T057	45	4.056059	100.935589	HILIR PERAK
58	T058	34	4.055883	100.935860	HILIR PERAK
59	T059	38	4.055751	100.936161	HILIR PERAK
60	T060	39	4.055524	100.936416	HILIR PERAK
61	T061	42	4.055338	100.936790	HILIR PERAK
62	T062	43	4.055122	100.937124	HILIR PERAK
63	T063	15	4.056775	100.934556	HILIR PERAK
64	T064	47	4.057103	100.934822	HILIR PERAK
65	T065	39	4.057403	100.935012	HILIR PERAK
66	T066	44	4.057739	100.935261	HILIR PERAK
67	T067	34	4.057996	100.935454	HILIR PERAK
68	T068	42	4.058259	100.935690	HILIR PERAK
69	T069	38	4.058559	100.935894	HILIR PERAK
70	T070	42	4.058814	100.936109	HILIR PERAK
71	T071	36	4.059086	100.936296	HILIR PERAK
72	T072	42	4.059375	100.936522	HILIR PERAK
73	T073	41	4.059696	100.936754	HILIR PERAK
74	T074	37	4.059934	100.936934	HILIR PERAK
75	T075	40	4.060222	100.937139	HILIR PERAK
76	T076	42	4.060520	100.937361	HILIR PERAK
77	T077	45	4.060876	100.937614	HILIR PERAK
78	T078	38	4.061167	100.937812	HILIR PERAK
79	T079	32	4.061370	100.938026	HILIR PERAK
80	T080	38	4.061684	100.938228	HILIR PERAK
81	T081	45	4.061947	100.938444	HILIR PERAK
82	T082	49	4.062283	100.938702	HILIR PERAK
83	T083	46	4.062611	100.938942	HILIR PERAK

5.0 SITE PHOTOS - PROPOSED NEW 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))



6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Daerah Hilir Perak	3500m




7.0 DRAWING

7.1 Layout 1



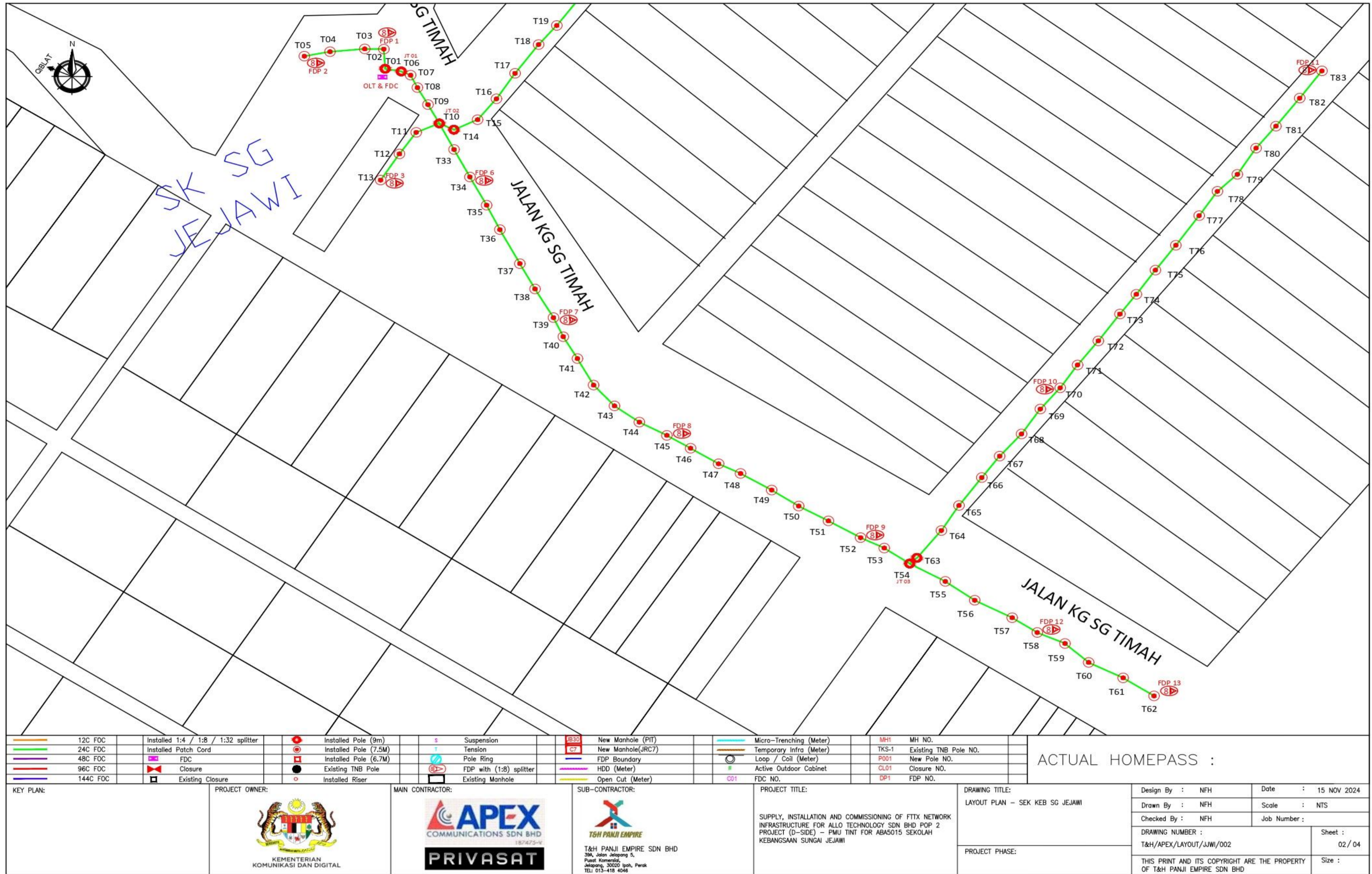
12C FOC	Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	Suspension	New Manhole (PIT)	Micro-Trenching (Meter)	MH1	MH NO.
24C FOC	Installed Patch Cord	Installed Pole (7.5M)	Tension	New Manhole(JRC7)	Temporary Infra (Meter)	TKS-1	Existing TNB Pole NO.
48C FOC	FDC	Installed Pole (6.7M)	Pole Ring	FDP Boundary	Loop / Coil (Meter)	P001	New Pole NO.
96C FOC	Closure	Existing TNB Pole	FDP with (1:8) splitter	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:	PROJECT OWNER:  KEMENTERIAN KOMUNIKASI DAN DIGITAL	MAIN CONTRACTOR:  APEX COMMUNICATIONS SDN BHD 187475-9 PRIVASAT	SUB-CONTRACTOR:  T&H PANJI EMPIRE SDN BHD 39A, Jalan Jelapang 5, Pantai Komersial, Jelapang, 30020 Ipoh, Perak TEL: 013-418 4046	PROJECT TITLE: SUPPLY, INSTALLATION AND COMMISSIONING OF FTTH NETWORK INFRASTRUCTURE FOR ALLO TECHNOLOGY SDN BHD POP 2 PROJECT (D-SIDE) – PMU TINT FOR ABAS015 SEKOLAH KEBANGSAAN SUNGAI JEJAWI	DRAWING TITLE: LAYOUT PLAN – SEK KEB SG JEJAWI	Design By : NFH Date : 15 NOV 2024
					PROJECT PHASE:	Drawn By : NFH Scale : NTS
						Checked By : NFH Job Number :
						DRAWING NUMBER : T&H/APEX/LAYOUT/JJWI/001 Sheet : 01 / 04
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7.0 DRAWING

7.2 Layout 2



ACTUAL HOMEPASS :

KEY PLAN:	PROJECT OWNER:  KEMENTERIAN KOMUNIKASI DAN DIGITAL	MAIN CONTRACTOR:  PRIVASAT	SUB-CONTRACTOR:  T&H PANJI EMPIRE SDN BHD 39A, Jalan Jelapang 5, Pusat Komersial, Jelapang, 30020 Ipoh, Perak TEL: 013-418 4046	PROJECT TITLE: SUPPLY, INSTALLATION AND COMMISSIONING OF FTTH NETWORK INFRASTRUCTURE FOR ALLO TECHNOLOGY SDN BHD POP 2 PROJECT (D-SIDE) - PMU TINT FOR ABA5015 SEKOLAH KEBANGSAAN SUNGAI JEJAWI	DRAWING TITLE: LAYOUT PLAN - SEK KEB SG JEJAWI	Design By : NFH Date : 15 NOV 2024
					PROJECT PHASE:	Drawn By : NFH Scale : NTS
						Checked By : NFH Job Number :
						DRAWING NUMBER : T&H/APEX/LAYOUT/JJWI/002 Sheet : 02 / 04
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7.0 DRAWING

7.3 Layout 3



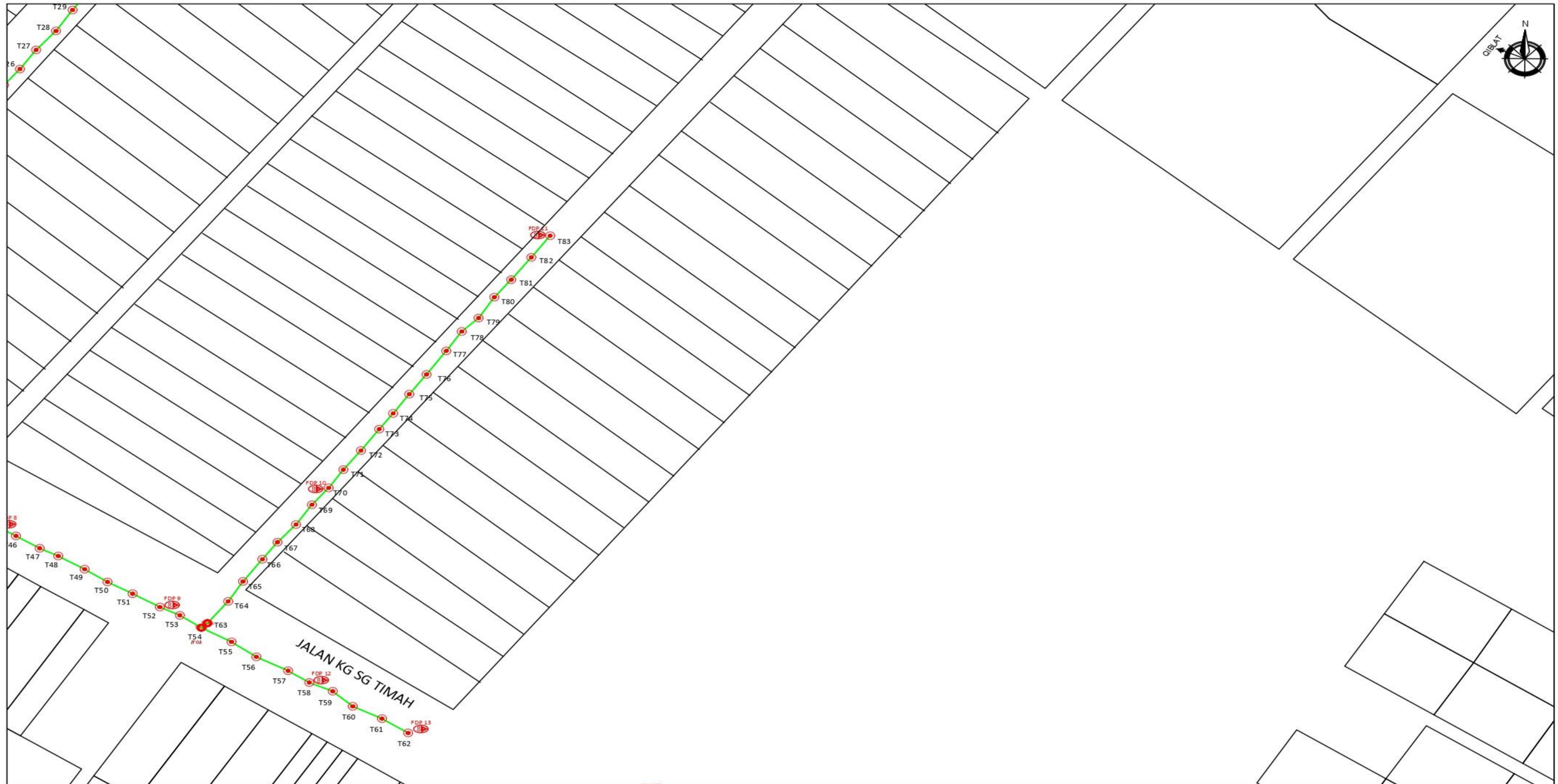
12C FOC	Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	Suspension	B30	New Manhole (PIT)	Micro-Trenching (Meter)	MH1	MH NO.	
24C FOC	Installed Patch Cord	Installed Pole (7.5M)	Tension	C7	New Manhole(JRC7)	Temporary Infra (Meter)	TKS-1	Existing TNB Pole NO.	
48C FOC	FDC	Installed Pole (6.7M)	Pole Ring		FDP Boundary	Loop / Coil (Meter)	P001	New Pole NO.	
96C FOC	Closure	Existing TNB Pole	FDP with (1:8) splitter		HDD (Meter)	Active Outdoor Cabinet	CL01	Closure NO.	
144C FOC	Existing Closure	Installed Riser	Existing Manhole		Open Cut (Meter)	C01	FDC NO.	DP1	FDP NO.

ACTUAL HOMEPASS :

KEY PLAN:	PROJECT OWNER:	MAIN CONTRACTOR:	SUB-CONTRACTOR:	PROJECT TITLE:	DRAWING TITLE:	Design By : NFH	Date : 15 NOV 2024
				SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE FOR ALLO TECHNOLOGY SDN BHD POP 2 PROJECT (D-SIDE) - PMU TINT FOR ABA5015 SEKOLAH KEBANGSAAN SUNGAI JEJAWI	LAYOUT PLAN - SEK KEB SG JEJAWI	Drawn By : NFH	Scale : NTS
					PROJECT PHASE:	Checked By : NFH	Job Number :
						DRAWING NUMBER : T&H/APEX/LAYOUT/JJWI/003	Sheet : 03 / 04
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7.0 DRAWING

7.4 Layout 4



12C FOC	Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	Suspension	B30 New Manhole (PIT)	Micro-Trenching (Meter)	MH1 MH NO.
24C FOC	Installed Patch Cord	Installed Pole (7.5M)	Tension	C7 New Manhole (IRC7)	Temporary Infra (Meter)	TKS-1 Existing TNB Pole NO.
48C FOC	FDC	Installed Pole (6.7M)	Pole Ring	FDP Boundary	Loop / Coil (Meter)	P001 New Pole NO.
96C FOC	Closure	Existing TNB Pole	FDP with (1:8) splitter	HDD (Meter)	Active Outdoor Cabinet	CL01 Closure NO.
144C FOC	Existing Closure	Installed Riser	Existing Manhole	Open Cut (Meter)	FDC NO.	DPI FDP NO.

ACTUAL HOMEPASS :

KEY PLAN:	PROJECT OWNER:  KEMENTERIAN KOMUNIKASI DAN DIGITAL	MAIN CONTRACTOR:  PRIVASAT	SUB-CONTRACTOR:  T&H PANJI EMPIRE SDN BHD 304, Jalan Melipang 5, Pusat Komersial, Jelapang, 35020 Ipoh, Perak TEL: 015-410 4046	PROJECT TITLE: SUPPLY, INSTALLATION AND COMMISSIONING OF FTTH NETWORK INFRASTRUCTURE FOR ALLO TECHNOLOGY SDN BHD POP 2 PROJECT (D-SIDE) - PMU TINT FOR ABAS015 SEKOLAH KEBANGSAAN SUNGAI JEJAWI	DRAWING TITLE: LAYOUT PLAN - SEK KEB SG JEJAWI	Design By : NFH Date : 15 NOV 2024
					PROJECT PHASE:	Drawn By : NFH Scale : NTS
						Checked By : NFH Job Number :
						DRAWING NUMBER : T&H/APEX/LAYOUT/JJW/004
						Sheet : 04 / 04
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