

## TECHNICAL PROPOSAL

### PMU ABA5005 SEKOLAH KEBANGSAAN CHANGKAT JONG

**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** : 07/11/2024



#### Starting Point

**Site / Boundary Name** : CHANGKAT JONG  
**Address** : SEKOLAH KEBANGSAAN CHANGKAT JONG  
**District** : TELUK INTAN  
**Postcode** : 36700  
**State** : Perak  
**GPS Coordinate** : 3.983097, 101.122153  
**LRD** : A

#### End Point

**Site / Boundary Name** : CHANGKAT JONG  
**Address** : KAMPUNG BARU CHANGKAT JONG  
**District** : TELUK INTAN  
**Postcode** : 32000  
**State** : Perak  
**GPS Coordinate** : 3.980166, 101.120604  
**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	2200
2	Install New Pole	ea	60
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 Taiping

NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	-	-
		Majlis	60	2200
		Estate / Private Land	-	-
<b>Total Distance (m)</b>				<b>2200</b>

### 3.0 SITE PLAN (KMZ)

#### 3.1 Overview Site Area



3.2 Location FDP



### 3.3 Site Plan - KMZ Routing (All Local Authority)



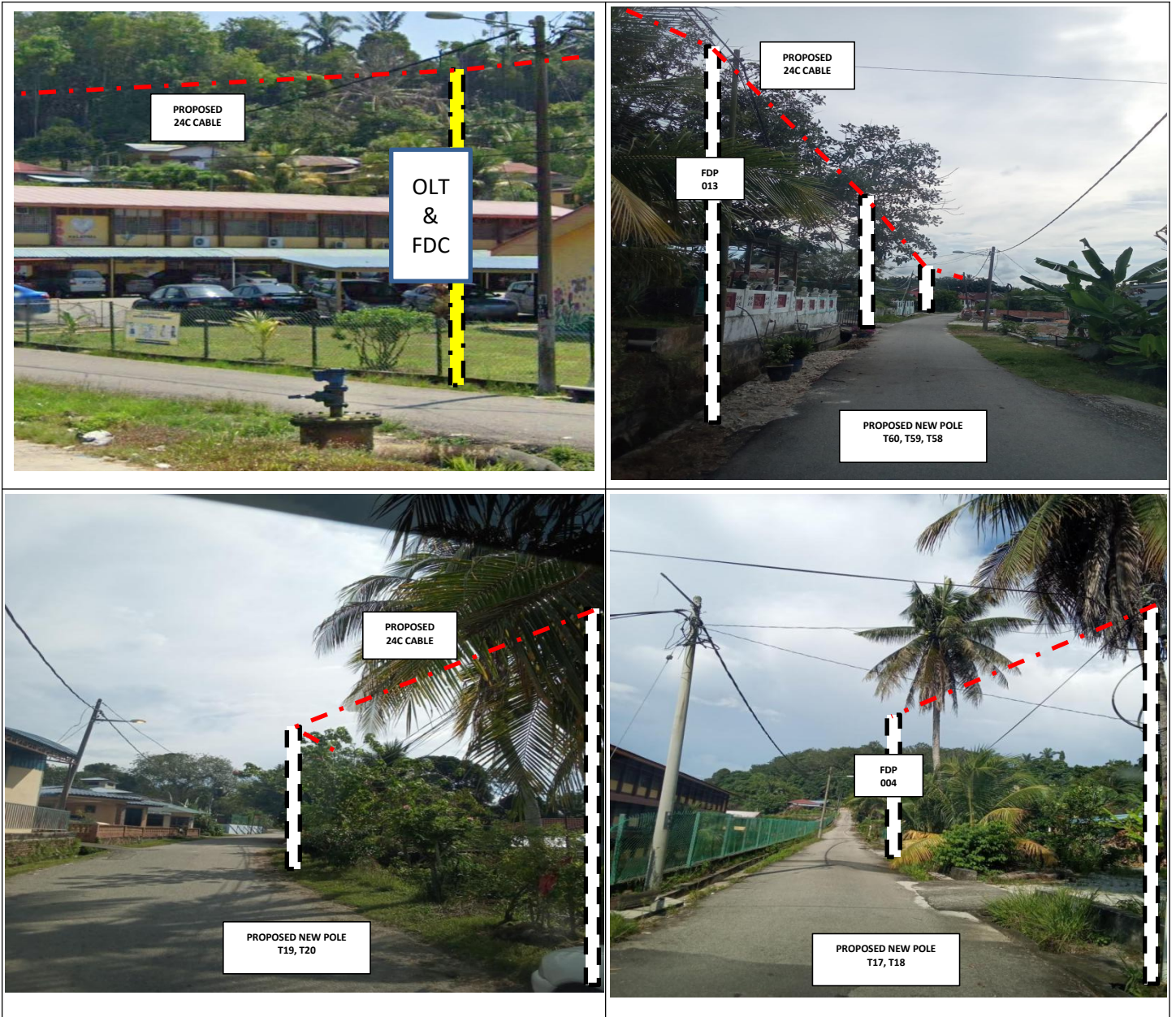
Red Colour - Majlis Road

#### 4.0 PROPOSED NEW POLE

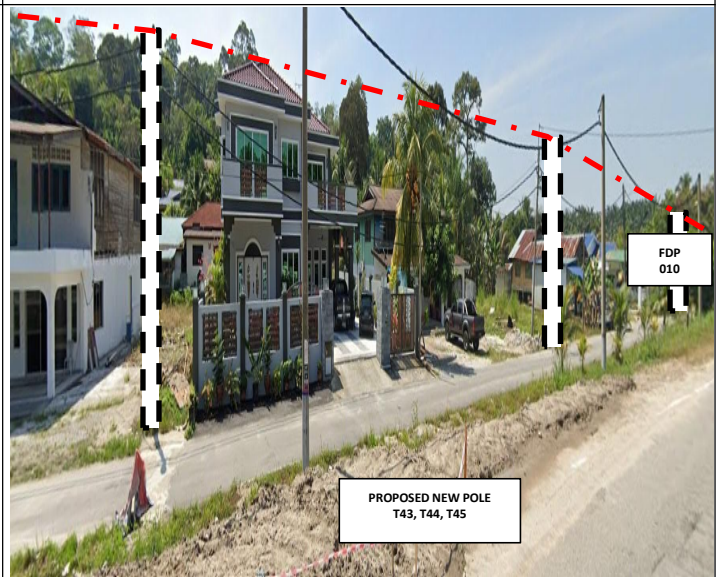
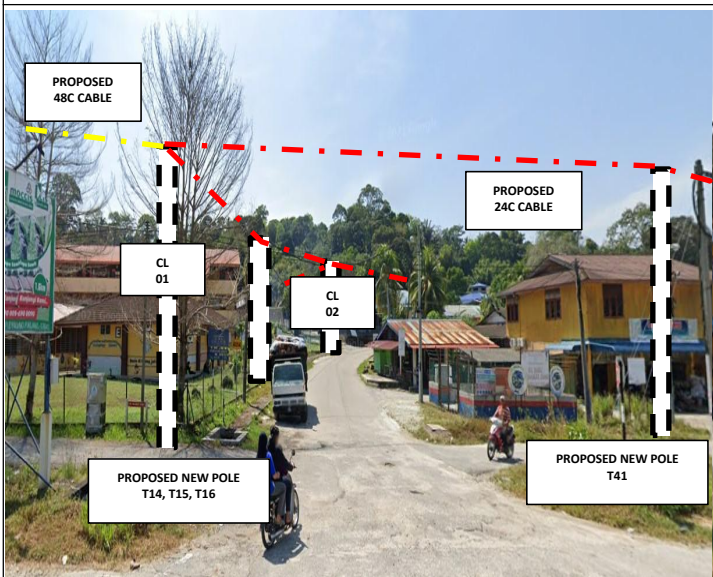
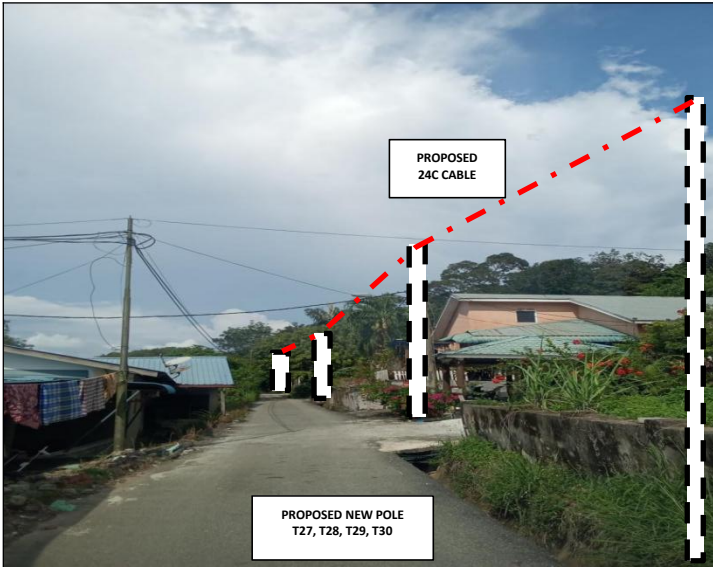
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	19	3.983197	101.122244	HILIR PERAK
2	T002	33	3.983419	101.122422	HILIR PERAK
3	T003	32	3.983681	101.122569	HILIR PERAK
4	T004	26	3.983886	101.122669	HILIR PERAK
5	T005	28	3.984131	101.122742	HILIR PERAK
6	T006	26	3.984356	101.122819	HILIR PERAK
7	T007	28	3.984583	101.122933	HILIR PERAK
8	T008	30	3.984814	101.123044	HILIR PERAK
9	T009	32	3.98505	101.123194	HILIR PERAK
10	T010	27	3.985278	101.123303	HILIR PERAK
11	T011	11	3.985361	101.123356	HILIR PERAK
12	T012	19	3.985472	101.123492	HILIR PERAK
13	T013	32	3.985403	101.123775	HILIR PERAK
14	T014	36	3.983011	101.122017	HILIR PERAK
15	T015	35	3.982731	101.122164	HILIR PERAK
16	T016	29	3.982486	101.122281	HILIR PERAK
17	T017	26	3.982408	101.122456	HILIR PERAK
18	T018	39	3.982669	101.122686	HILIR PERAK
19	T019	13	3.982389	101.122222	HILIR PERAK
20	T020	18	3.982233	101.122197	HILIR PERAK
21	T021	24	3.982031	101.122133	HILIR PERAK
22	T022	23	3.981831	101.122053	HILIR PERAK
23	T023	35	3.981531	101.121989	HILIR PERAK
24	T024	40	3.981183	101.121922	HILIR PERAK
25	T025	33	3.980881	101.121861	HILIR PERAK
26	T026	31	3.980892	101.121817	HILIR PERAK
27	T027	18	3.980517	101.121944	HILIR PERAK
28	T028	24	3.980672	101.122078	HILIR PERAK
29	T029	21	3.980842	101.122153	HILIR PERAK

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
30	T030	23	3.981014	101.122261	HILIR PERAK
31	T031	20	3.98115	101.12235	HILIR PERAK
32	T032	18	3.981275	101.122461	HILIR PERAK
33	T033	22	3.981436	101.122581	HILIR PERAK
34	T034	22	3.9816	101.122681	HILIR PERAK
35	T035	21	3.981758	101.122778	HILIR PERAK
36	T036	23	3.981911	101.122894	HILIR PERAK
37	T037	17	3.982014	101.122992	HILIR PERAK
38	T038	36	3.982286	101.123158	HILIR PERAK
39	T039	29	3.982475	101.123333	HILIR PERAK
40	T040	35	3.982758	101.123458	HILIR PERAK
41	T041	29	3.982706	101.121911	HILIR PERAK
42	T042	24	3.982525	101.121789	HILIR PERAK
43	T043	37	3.982261	101.121583	HILIR PERAK
44	T044	38	3.982008	101.121372	HILIR PERAK
45	T045	37	3.981747	101.121181	HILIR PERAK
46	T046	48	3.981431	101.120981	HILIR PERAK
47	T047	20	3.981275	101.120786	HILIR PERAK
48	T048	36	3.98105	101.120547	HILIR PERAK
49	T049	22	3.980944	101.120386	HILIR PERAK
50	T050	25	3.9808	101.120214	HILIR PERAK
51	T051	26	3.980644	101.120375	HILIR PERAK
52	T052	27	3.980486	101.120194	HILIR PERAK
53	T053	32	3.980356	101.119933	HILIR PERAK
54	T054	20	3.980497	101.120486	HILIR PERAK
55	T055	14	3.980389	101.120561	HILIR PERAK
56	T056	24	3.980172	101.120611	HILIR PERAK
57	T057	30	3.980547	101.120761	HILIR PERAK
58	T058	40	3.980747	101.121047	HILIR PERAK
59	T059	39	3.980986	101.121319	HILIR PERAK
60	T060	41	3.981261	101.121553	HILIR PERAK

5.0 SITE PHOTOS - PROPOSED NEW POLE



PROPOSED 24C CABLE



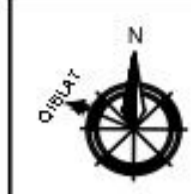


PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA (KKMM.400-11/17/132(1))



#### 6.0 3<sup>rd</sup> PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Daerah Teluk Intan	2200m

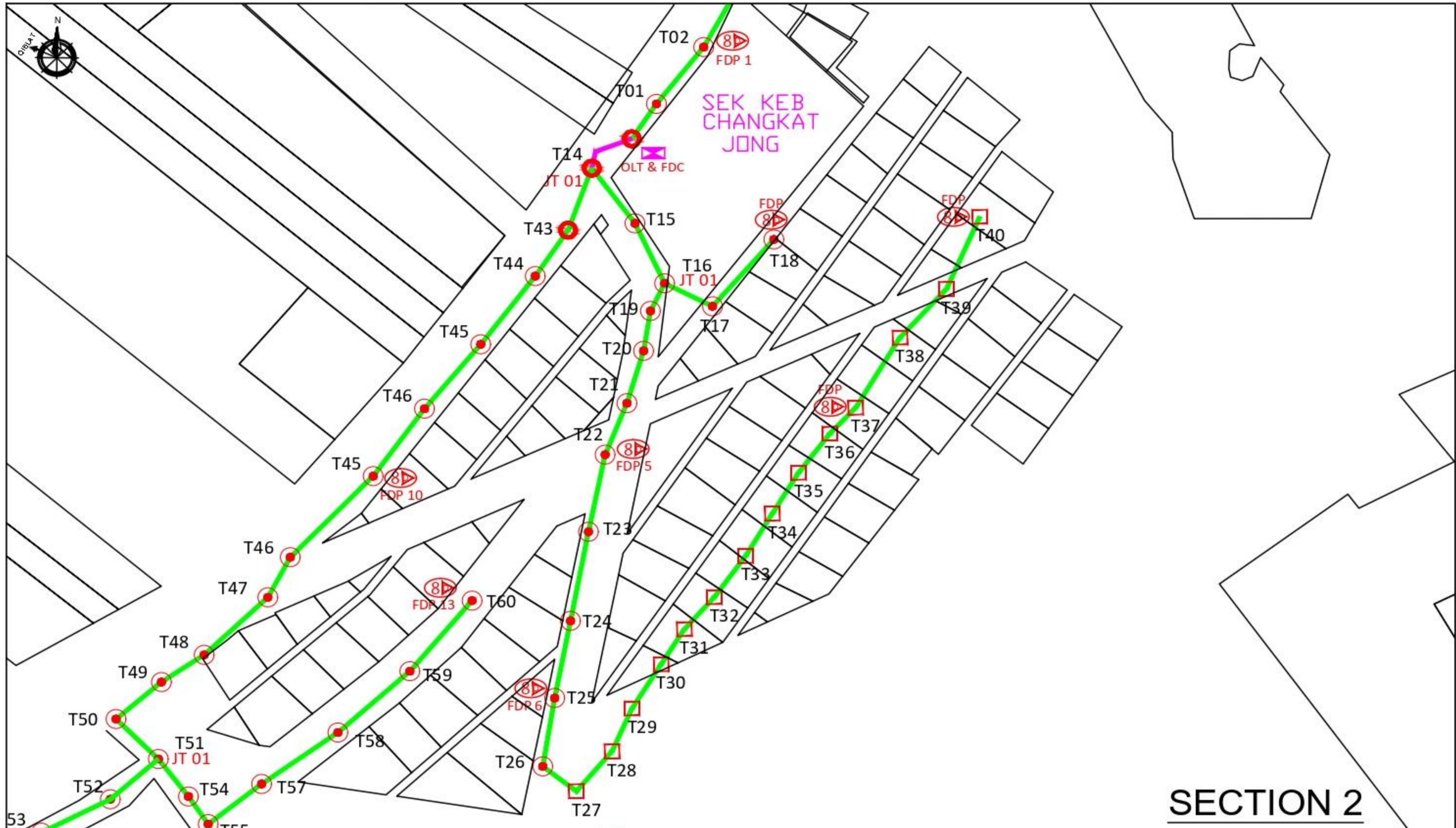


12C FOC	Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	Suspension	New Manhole (PIT)	Micro-Trenching (Meter)	MH1 MH NO.
24C FOC	Installed Patch Cord	Installed Pole (7.5M)	Tension	New Manhole(JRC7)	Temporary Infra (Meter)	TKS-1 Existing TNB Pole NO.
48C FOC	FDC	Installed Pole (6.7M)	Pole Ring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

KEY PLAN:	PROJECT OWNER:  KEMENTERIAN KOMUNIKASI DAN DIGITAL	MAIN CONTRACTOR:  APEX COMMUNICATIONS SDN BHD PRIVASAT	SUB-CONTRACTOR:  T&H PANJI EMPIRE SDN BHD 304, Jalan Jelapang 5, Pusat Komersial, Jelapang, 30200 Ipoh, Perak TEL: 053-418 4046	PROJECT TITLE: SUPPLY, INSTALLATION AND COMMISSIONING OF FTTH NETWORK INFRASTRUCTURE FOR ALLO TECHNOLOGY SDN BHD POP 2 PROJECT (D-SIDE) - PMU SMK FOR ABAS005 SEKOLAH KEBANGSAAN CHANGKAT JONG	DRAWING TITLE: LAYOUT PLAN - SEK KEB CHANGKAT JONG	Design By : NFH Date : 15 NOV 2024
						Drawn By : NFH Scale : NTS
						Checked By : NFH Job Number :
						DRAWING NUMBER : T&H/APEX/LAYOUT/CHGKT/001 Sheet : 01 / 04
					PROJECT PHASE:	THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF T&H PANJI EMPIRE SDN BHD Size :

ACTUAL HOMEPASS :



## SECTION 2

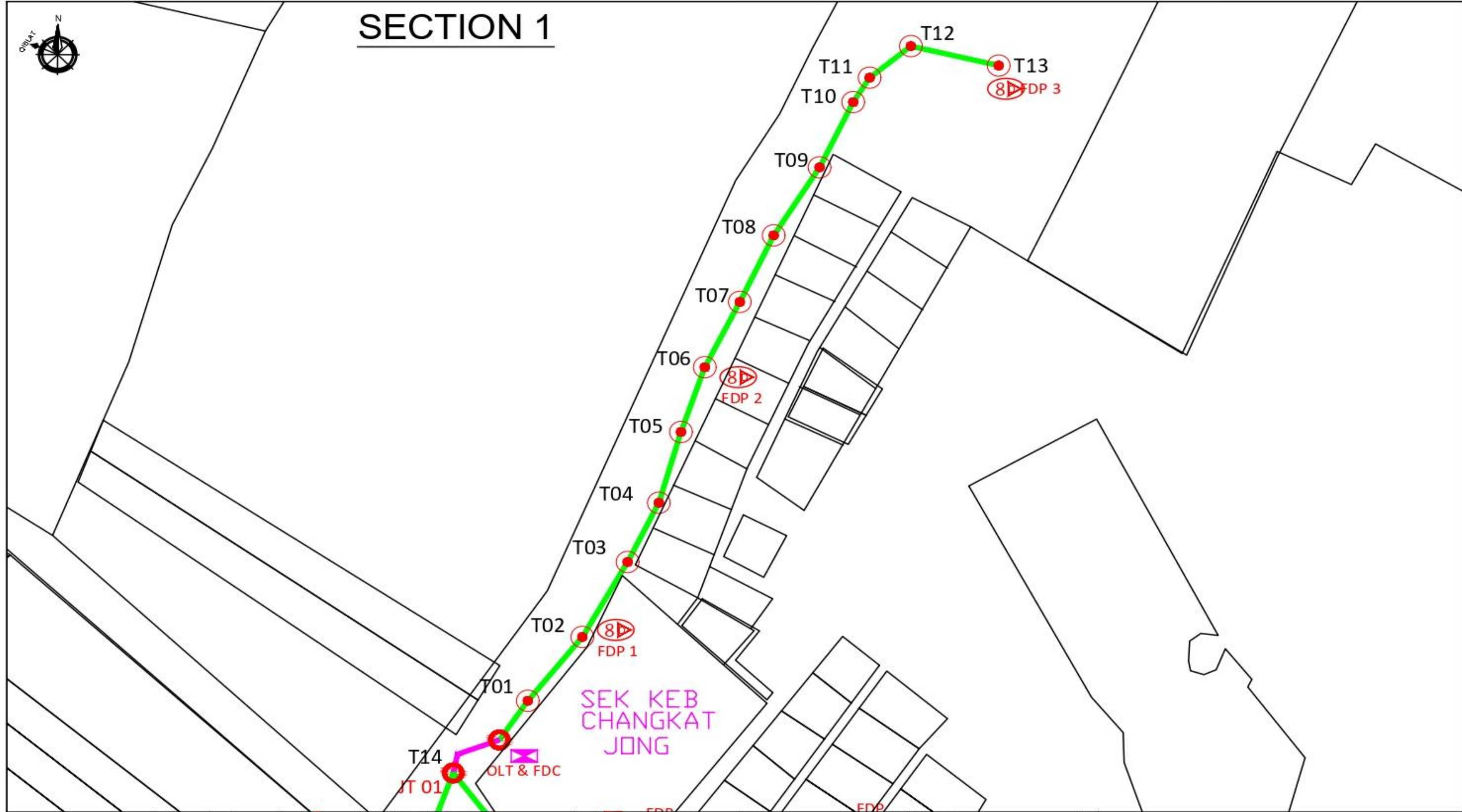
12C FOC	Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	Suspension	New Manhole (PIT)	Micro-Trenching (Meter)	MHI	MH NO.
24C FOC	Installed Patch Cord	Installed Pole (7.5M)	Tension	New Manhole(JRC7)	Temporary Infra (Meter)	TRC-I	Existing TNB Pole NO.
48C FOC	FDC	Installed Pole (6.7M)	Pole Ring	FDP Boundary	Loop / Coil (Meter)	9001	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.	301	FDP NO.

ACTUAL HOMEPASS :

<b>KEY PLAN:</b> 	<b>PROJECT OWNER:</b>  KEMENTERIAN KOMUNIKASI DAN DIGITAL	<b>MAIN CONTRACTOR:</b>  <b>PRIVASAT</b>	<b>SUB-CONTRACTOR:</b>  T&H PANJI EMPIRE SDN BHD 304, Jalan Alorjaya 5, Pusat Komersial Alorjaya, 30200 Ipoh, Perak TEL: 015-418 4046	<b>PROJECT TITLE:</b> SUPPLY, INSTALLATION AND COMMISSIONING OF FTTH NETWORK INFRASTRUCTURE FOR ALLO TECHNOLOGY SDN BHD POP 2 PROJECT (D-SIDE) - PMU SMKN FOR ABAS005 SEKOLAH KEBANGSAAN CHANGKAT JONG	<b>DRAWING TITLE:</b> LAYOUT PLAN - SEK KEB CHANGKAT JONG	Design By : NFH      Date : 15 NOV 2024 Drawn By : NFH      Scale : NTS Checked By : NFH      Job Number : DRAWING NUMBER : T&H/APEX/LAYOUT/CHGKT/003      Sheet : 03 / 04 THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF T&H PANJI EMPIRE SDN BHD      Size :
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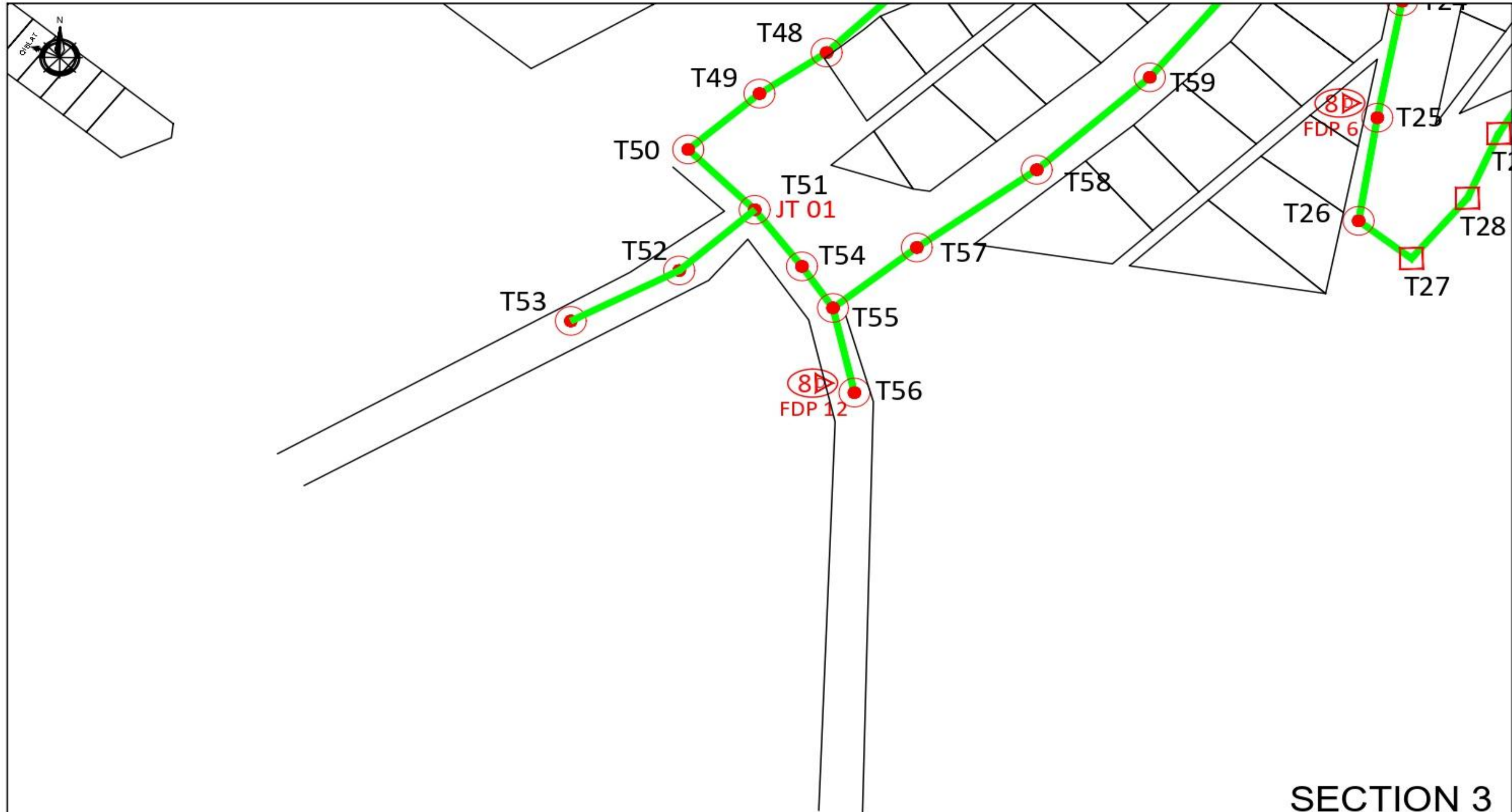
# SECTION 1



12C FDC	Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	Suspension	New Manhole (PIT)	Micro-Trenching (Meter)	MH	MH NO.
24C FDC	Installed Patch Cord	Installed Pole (7.5M)	Tension	New Manhole(JRC7)	Temporary Infra (Meter)	TKS-1	Existing TNB Pole NO.
48C FDC	FDC	Installed Pole (6.7M)	Pole Ring	FDP Boundary	Loop / Coil (Meter)	301	New Pole NO.
96C FDC	Closure	Existing TNB Pole	FDP with (1:8) splitter	HDD (Meter)	Active Outdoor Cabinet	Q.01	Closure NO.
144C FDC	Existing Closure	Installed Riser	Existing Manhole	Open Cut (Meter)	FDC NO.	J.01	FDP NO.

ACTUAL HOMEPASS :

<p>KEY PLAN:</p>	<p>PROJECT OWNER:</p>  <p>KEMENTERIAN KOMUNIKASI DAN DIGITAL</p>	<p>MAIN CONTRACTOR:</p>  <p><b>PRIVASAT</b></p>	<p>SUB-CONTRACTOR:</p>  <p>T&amp;H PANJI EMPIRE SDN BHD 301, Jalan Jelapang 5, Pusat Komersial, Jelapang, 35500 Ipoh, Perak TEL: 013-418 4346</p>	<p>PROJECT TITLE:</p> <p>SUPPLY, INSTALLATION AND COMMISSIONING OF FTTH NETWORK INFRASTRUCTURE FOR ALLO TECHNOLOGY SDN BHD POP 2 PROJECT (D-SIDE) - PMU SMNK FOR ABAS005 SEKOLAH KEBANGSAAN CHANGKAT JONG</p>	<p>DRAWING TITLE:</p> <p>LAYOUT PLAN - SEK KEB CHANGKAT JONG</p>	<p>Design By : NFH</p> <p>Drawn By : NFH</p> <p>Checked By : NFH</p> <p>DRAWING NUMBER : T&amp;H/APEX/LAYOUT/CHGKT/002</p> <p>PROJECT PHASE:</p>	<p>Date : 15 NOV 2024</p> <p>Scale : NTS</p> <p>Job Number :</p> <p>Sheet : 02 / 04</p> <p>THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF T&amp;H PANJI EMPIRE SDN BHD</p>
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# SECTION 3

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

ACTUAL HOMEPASS :

<b>KEY PLAN:</b> 	<b>PROJECT OWNER:</b>  KEMENTERIAN BINAAN KOMUNIKASI DAN DIGITAL	<b>MAIN CONTRACTOR:</b>  <b>PRIVASAT</b>	<b>SUB-CONTRACTOR:</b>  T&H PANJAI EMPIRE SDN BHD 28A, Jalan Jelapang 5, Puncak Kemuning, Johore, 81025 Johor, Perak TEL: 013-018 4948	<b>PROJECT TITLE:</b> SUPPLY, INSTALLATION AND COMMISSIONING OF FTTH NETWORK INFRASTRUCTURE FOR ALLO TECHNOLOGY SDN BHD POP 2 PROJECT (D-SIDE) - PMU SMUK FOR ABAS005 SEKOLAH KEBANGSAAN CHANGKAT JONG	<b>DRAWING TITLE:</b> LAYOUT PLAN - SEK KEB CHANGKAT JONG	Design By : NFH Drawn By : NFH Checked By : NFH	Date : 15 NOV 2024 Scale : NTS Job Number :
					<b>PROJECT PHASE:</b>	DRAWING NUMBER : T&H/APEX/LAYOUT/CHGKT/004	Sheet : 04 / 04

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