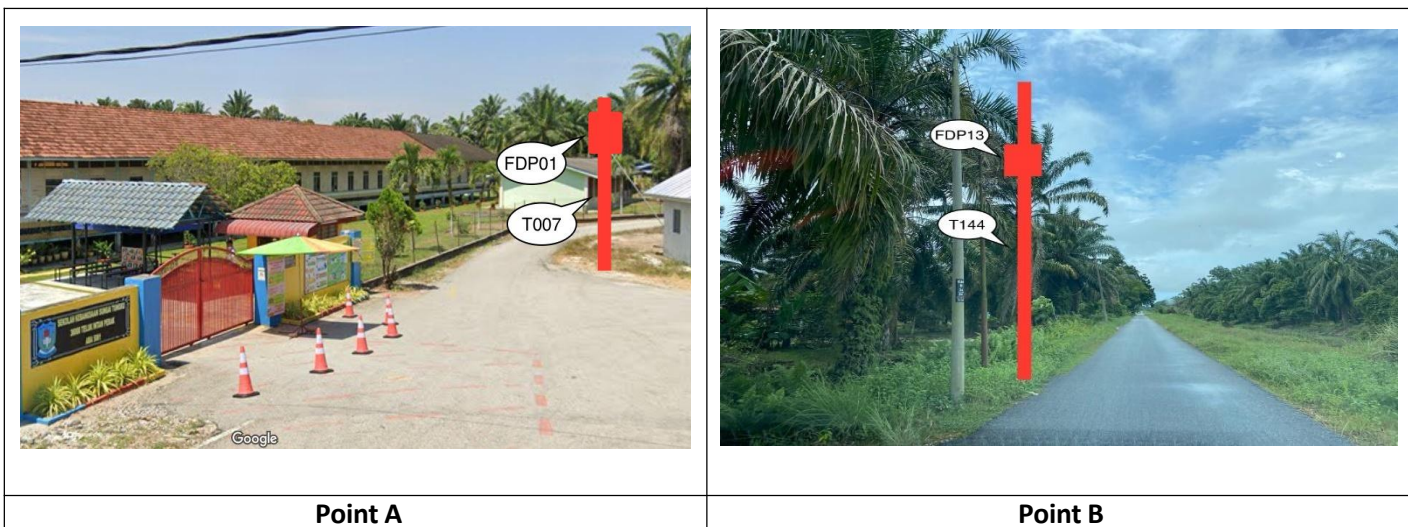


## TECHNICAL PROPOSAL

### POP2 ABA5061 SEKOLAH KEBANGSAAN SUNGAI TUNGKU (D-SIDE)

**Company Name** : KNZ ENGINEERING SDN BHD.  
**Company Address** : NO 60 & 60 A JALAN KLEBANG INDAH 1 MEDAN KLEBANG INDAH 30010 IPOH PERAK  
**Prepared By** : FARHAH AFIQAH BINTI AMDON  
**Date** : 29/11/2024



#### Starting Point

**Site / Boundary Name** : Teluk Intan  
**Address** : SK Sungai Tungku, Jalan Sungai Manik, Kg Sungai Tungku, 36000 Teluk Intan  
**District** : Teluk Intan  
**Postcode** : 36000  
**State** : Perak  
**GPS Coordinate** : 4.075289407, 101.0393924  
**LRD** : A

#### End Point

**Site / Boundary Name** : Teluk Intan  
**Address** : Jalan Kunci Air 10, Kg Sungai Tungku, 3600 Teluk Intan  
**District** : Teluk Intan  
**Postcode** : 36000  
**State** : Perak  
**GPS Coordinate** : 4.088462534, 101.0499331  
**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 Fibre Cables	m	7,320
2	Install New Pole	ea	144
3	Install New JRC7 Manhole	ea	0
4	Install GI Riser 100mm	ea	0
5	Install Fiber Distribution Point	ea	13
6	Install Closure	ea	4
7	Estimated Time Required for Completion	days	30

## 2.0 LOCAL AUTHORITY SUMMARY

### Daerah Hilir Perak

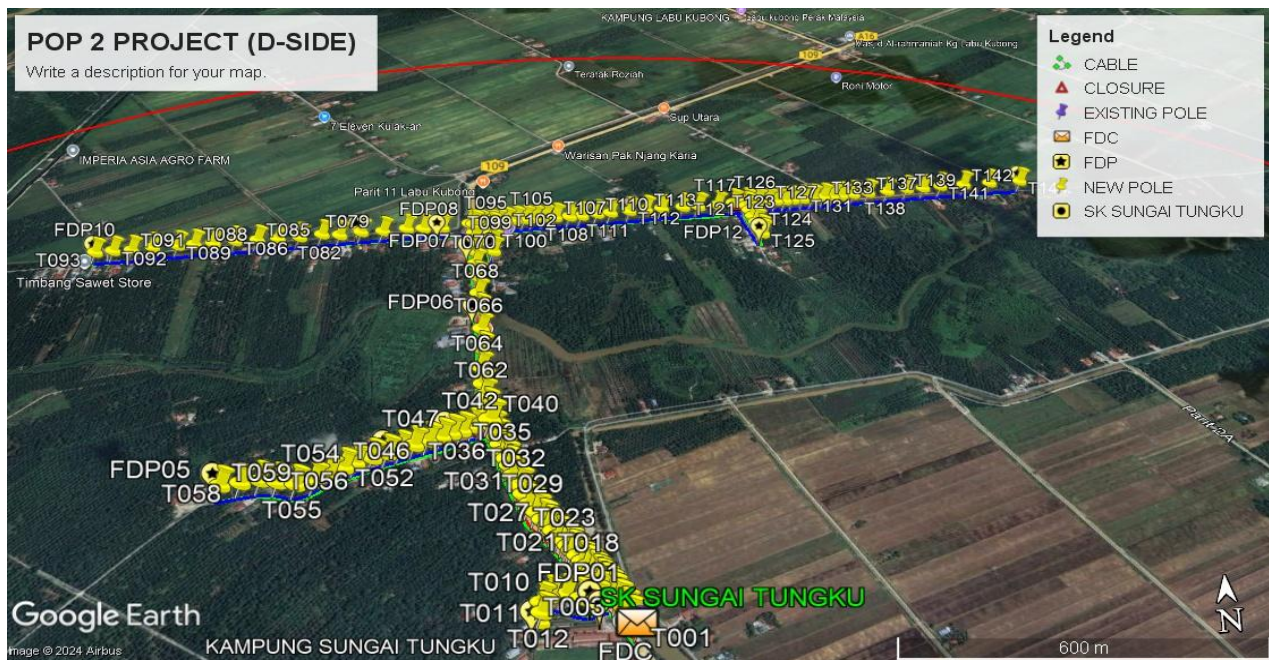
Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	48	1,426m
		Majlis	96	3,413m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				4,839m

Site Plan -KMZ (Overview site area)

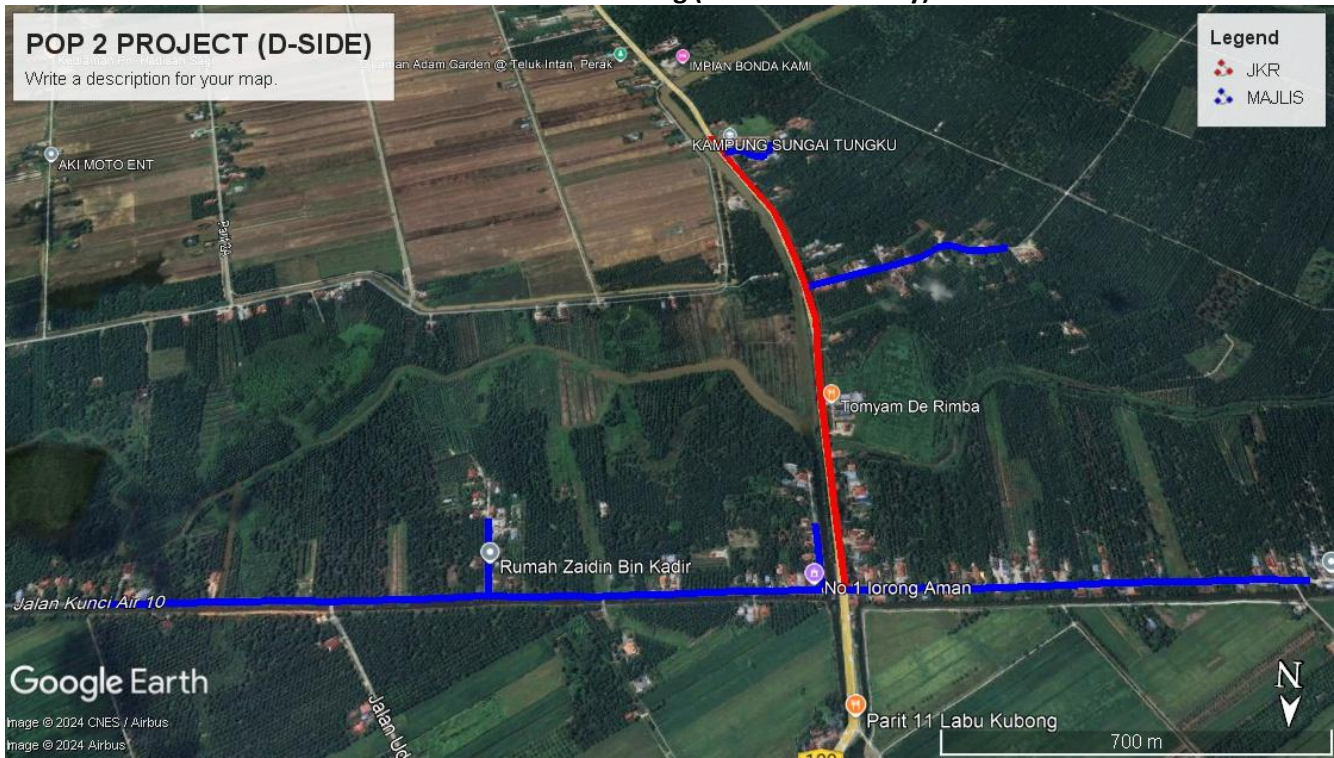
Proposed FDP and Closure



Proposed New Pole



**Site Plan - KMZ Routing (All Local Authority)**

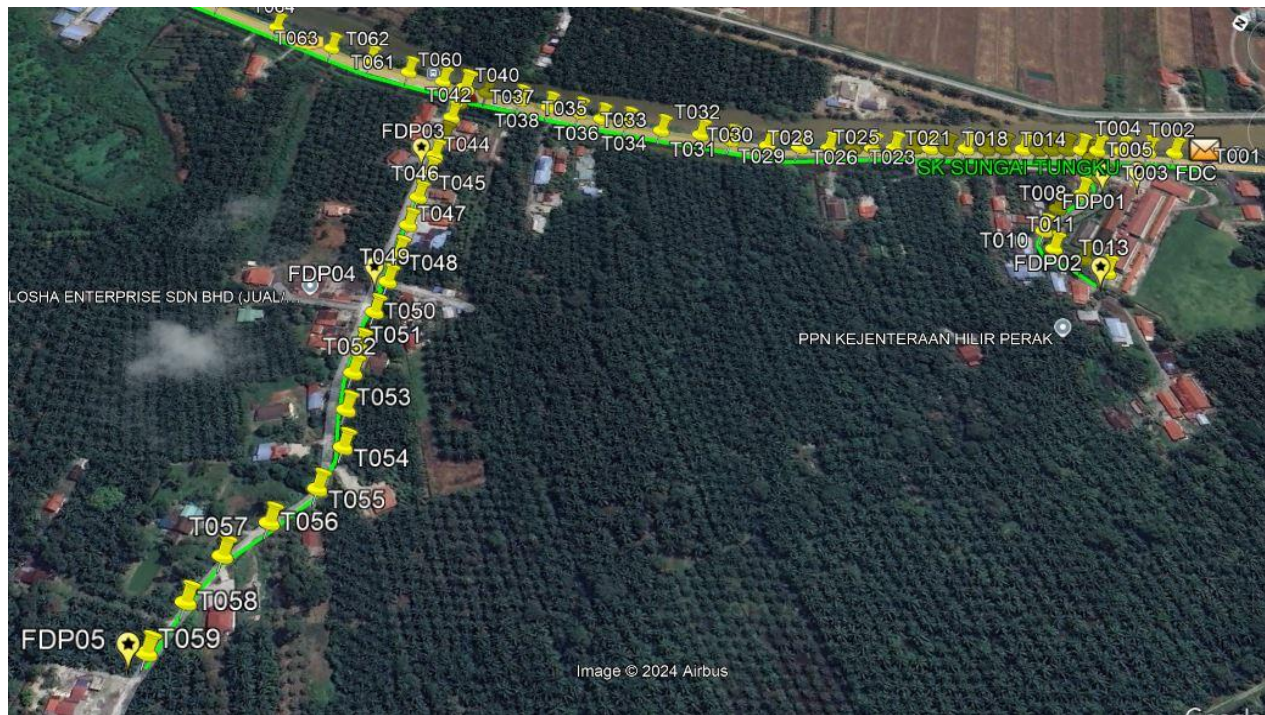


**Red Colour – JKR Road**

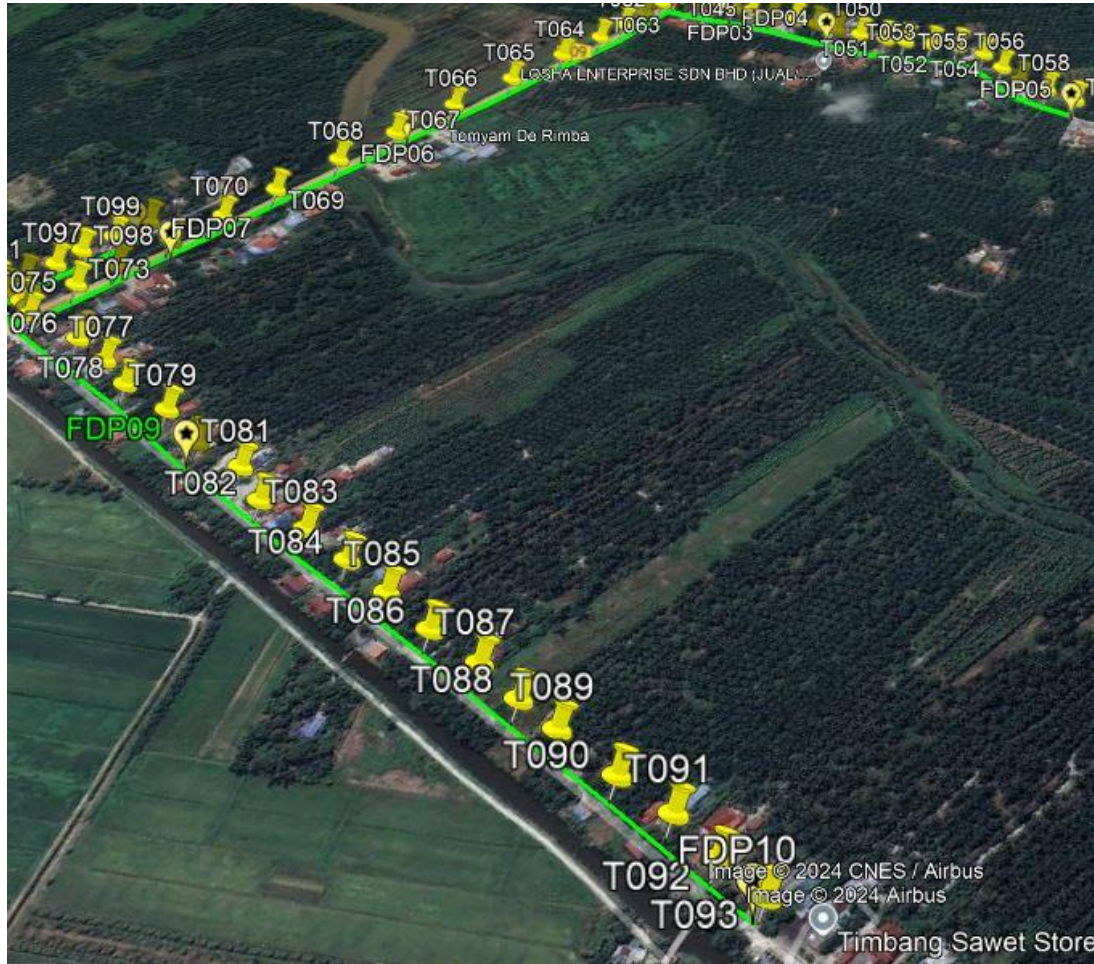
**Blue Colour - Majlis Road**

Site Plan – KMZ Routing (All site area)

Route 1

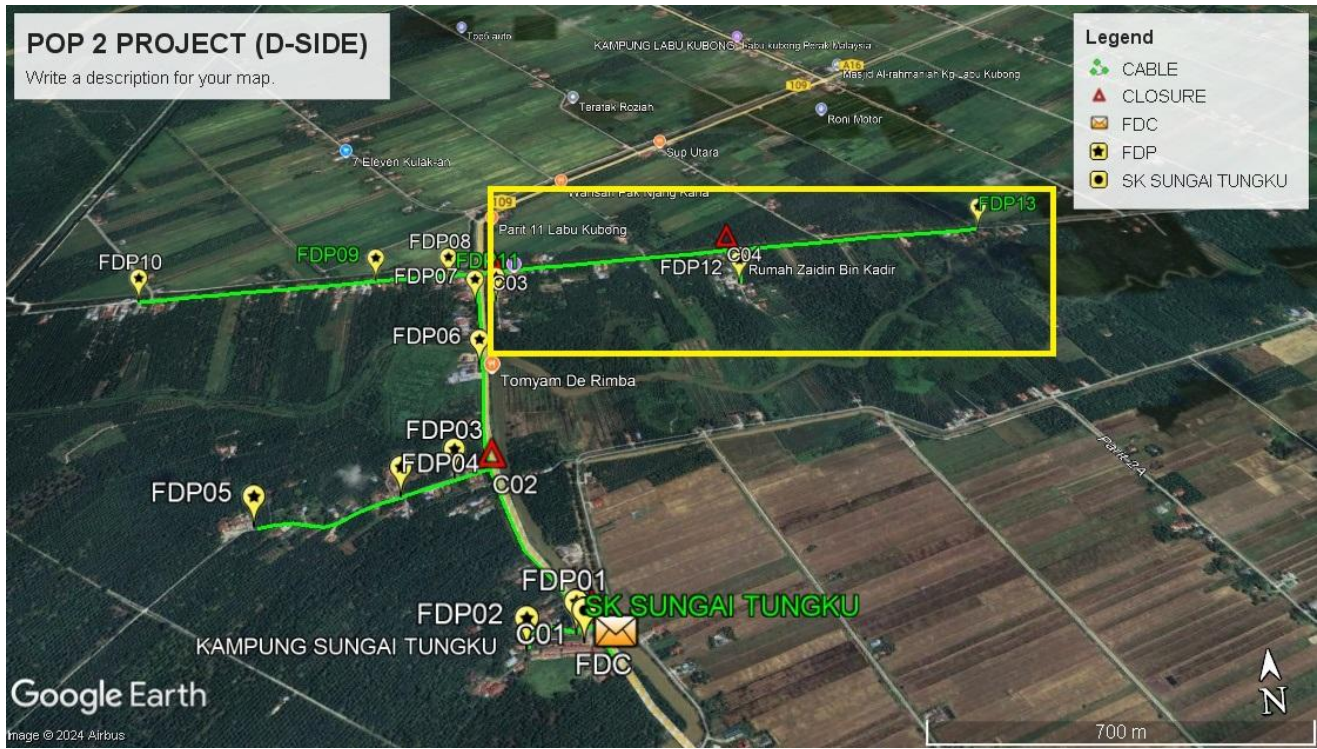


Route 1.1



Route 1.2

Route 2



Route 2.1

### 3.0 PROPOSED NEW POLE

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	40	4.075289407	101.0393924	JKR Hilir Perak
2	T002	40	4.075488516	101.0393119	JKR Hilir Perak
3	T003	40	4.075651508	101.0392133	JKR Hilir Perak
4	T004	40	4.075814476	101.0391237	JKR Hilir Perak
5	T005	40	4.075959339	101.039043	JKR Hilir Perak
6	T006	40	4.075968609	101.038953	Majlis Perbandaran Teluk Intan
7	T007	40	4.075842469	101.0387816	Majlis Perbandaran Teluk Intan
8	T008	40	4.075897264	101.0385656	Majlis Perbandaran Teluk Intan
9	T009	40	4.075988224	101.0383498	Majlis Perbandaran Teluk Intan
10	T010	40	4.075988842	101.0381067	Majlis Perbandaran Teluk Intan
11	T011	40	4.075871628	101.0379803	Majlis Perbandaran Teluk Intan
12	T012	40	4.075672701	101.0379888	Majlis Perbandaran Teluk Intan
13	T013	40	4.075501011	101.0379524	Majlis Perbandaran Teluk Intan
14	T014	40	4.076058929	101.0389892	JKR Hilir Perak
15	T015	40	4.076149477	101.0389354	JKR Hilir Perak
16	T016	40	4.076240025	101.0388816	JKR Hilir Perak
17	T017	40	4.076321532	101.0388278	JKR Hilir Perak
18	T018	40	4.07641208	101.038774	JKR Hilir Perak
19	T019	40	4.076529797	101.0387023	JKR Hilir Perak
20	T020	40	4.076629432	101.0386305	JKR Hilir Perak
21	T021	40	4.076756191	101.0385588	JKR Hilir Perak
22	T022	40	4.07686489	101.038478	JKR Hilir Perak
23	T023	40	4.07697352	101.0384243	JKR Hilir Perak
24	T024	40	4.077073109	101.0383705	JKR Hilir Perak
25	T025	40	4.077190849	101.0382898	JKR Hilir Perak
26	T026	40	4.077317654	101.0382001	JKR Hilir Perak

### 3.0 PROPOSED NEW POLE

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
27	T027	40	4.077435371	101.0381283	JKR Hilir Perak
28	T028	40	4.07758028	101.0380297	JKR Hilir Perak
29	T029	40	4.077761353	101.0379311	JKR Hilir Perak
30	T030	40	4.077960532	101.0378235	JKR Hilir Perak
31	T031	40	4.078204893	101.0377251	JKR Hilir Perak
32	T032	40	4.07842204	101.0376626	JKR Hilir Perak
33	T033	40	4.078684506	101.0375552	JKR Hilir Perak
34	T034	40	4.078937817	101.0374929	JKR Hilir Perak
35	T035	40	4.079118799	101.0374303	JKR Hilir Perak
36	T036	40	4.079290671	101.0373947	JKR Hilir Perak
37	T037	40	4.079507841	101.0373232	JKR Hilir Perak
38	T038	40	4.079724987	101.0372607	JKR Hilir Perak
39	T039	40	4.079978298	101.0371984	JKR Hilir Perak
40	T040	40	4.08013218	101.0371267	JKR Hilir Perak
41	T041	40	4.080078253	101.0370005	Majlis Perbandaran Teluk Intan
42	T042	40	4.080033437	101.0368473	Majlis Perbandaran Teluk Intan
43	T043	40	4.079943529	101.036649	Majlis Perbandaran Teluk Intan
44	T044	40	4.07988974	101.0364688	Majlis Perbandaran Teluk Intan
45	T045	40	4.079799764	101.0362975	Majlis Perbandaran Teluk Intan
46	T046	40	4.079718965	101.0360722	Majlis Perbandaran Teluk Intan
47	T047	40	4.079620108	101.0358379	Majlis Perbandaran Teluk Intan
48	T048	40	4.079521227	101.0356125	Majlis Perbandaran Teluk Intan
49	T049	40	4.079431388	101.0353872	Majlis Perbandaran Teluk Intan
50	T050	40	4.079341594	101.0351439	Majlis Perbandaran Teluk Intan
51	T051	40	4.079233786	101.0348735	Majlis Perbandaran Teluk Intan
52	T052	40	4.079134791	101.0346932	Majlis Perbandaran Teluk Intan
53	T053	40	4.078990727	101.0344587	Majlis Perbandaran Teluk Intan

### 3.0 PROPOSED NEW POLE

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
54	T054	40	4.078828535	101.0342422	Majlis Perbandaran Teluk Intan
55	T055	40	4.078766001	101.0339449	Majlis Perbandaran Teluk Intan
56	T056	40	4.07884817	101.03363	Majlis Perbandaran Teluk Intan
57	T057	40	4.078921253	101.0333331	Majlis Perbandaran Teluk Intan
58	T058	40	4.078885887	101.0330179	Majlis Perbandaran Teluk Intan
59	T059	40	4.078850545	101.0326936	Majlis Perbandaran Teluk Intan
60	T060	40	4.080331084	101.0371272	JKR Hilir Perak
61	T061	40	4.080611495	101.0370739	JKR Hilir Perak
62	T062	40	4.080937112	101.0370207	JKR Hilir Perak
63	T063	40	4.081280788	101.0369765	JKR Hilir Perak
64	T064	40	4.081796245	101.0369328	JKR Hilir Perak
65	T065	40	4.082420081	101.0369344	JKR Hilir Perak
66	T066	40	4.083116314	101.0369091	JKR Hilir Perak
67	T067	40	4.083812639	101.0368479	JKR Hilir Perak
68	T068	40	4.084436567	101.0368134	JKR Hilir Perak
69	T069	40	4.085105745	101.0367611	JKR Hilir Perak
70	T070	40	4.085648303	101.0367264	JKR Hilir Perak
71	T071	40	4.086154719	101.0366827	JKR Hilir Perak
72	T072	40	4.086652048	101.0366569	JKR Hilir Perak
73	T073	40	4.087013738	101.0366399	JKR Hilir Perak
74	T074	40	4.087429675	101.0366229	JKR Hilir Perak
75	T075	40	4.087466091	101.0365239	Majlis Perbandaran Teluk Intan
76	T076	40	4.087332032	101.0359113	Majlis Perbandaran Teluk Intan
77	T077	40	4.087305986	101.0354881	Majlis Perbandaran Teluk Intan
78	T078	40	4.08732503	101.03511	Majlis Perbandaran Teluk Intan
79	T079	40	4.087244988	101.0345876	Majlis Perbandaran Teluk Intan
80	T080	40	4.087264329	101.0340924	Majlis Perbandaran Teluk Intan
81	T081	40	4.087166067	101.033624	Majlis Perbandaran Teluk Intan
82	T082	40	4.087239425	101.033219	Majlis Perbandaran Teluk Intan
83	T083	40	4.08715929	101.0327326	Majlis Perbandaran Teluk Intan
84	T084	40	4.087115274	101.0322642	Majlis Perbandaran Teluk Intan

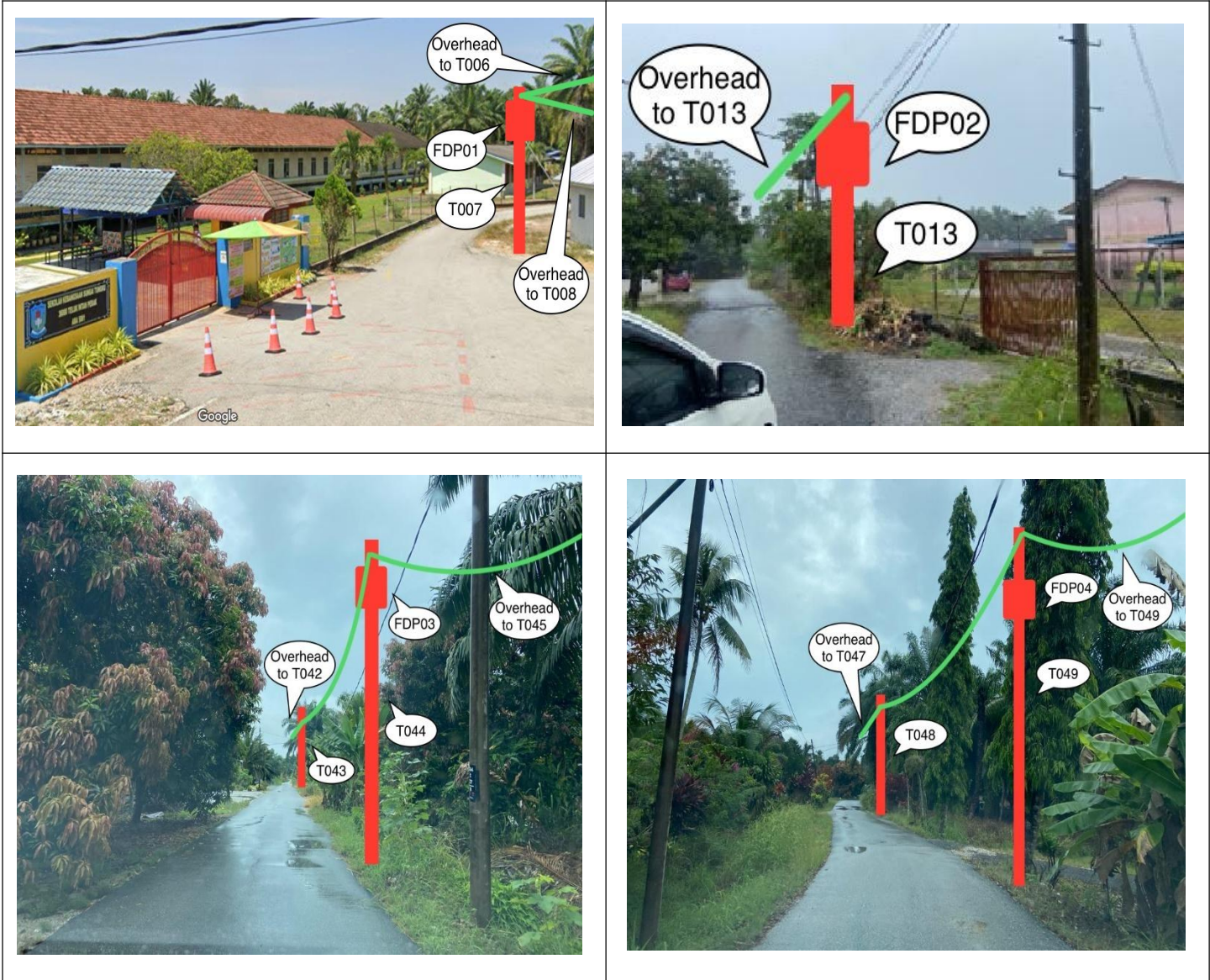
### 3.0 PROPOSED NEW POLE

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
85	T085	40	4.087089294	101.031814	Majlis Perbandaran Teluk Intan
86	T086	40	4.087072446	101.0313277	Majlis Perbandaran Teluk Intan
87	T087	40	4.087010346	101.0308594	Majlis Perbandaran Teluk Intan
88	T088	40	4.087002333	101.0304542	Majlis Perbandaran Teluk Intan
89	T089	40	4.086976124	101.030094	Majlis Perbandaran Teluk Intan
90	T090	40	4.086932265	101.0295626	Majlis Perbandaran Teluk Intan
91	T091	40	4.086861032	101.0291303	Majlis Perbandaran Teluk Intan
92	T092	40	4.0868711	101.0287251	Majlis Perbandaran Teluk Intan
93	T093	40	4.086844936	101.0283469	Majlis Perbandaran Teluk Intan
94	T094	40	4.087438441	101.036731	JKR Hilir Perak
95	T095	40	4.087464991	101.0369561	Majlis Perbandaran Teluk Intan
96	T096	40	4.087274944	101.0370277	Majlis Perbandaran Teluk Intan
97	T097	40	4.087012776	101.037018	Majlis Perbandaran Teluk Intan
98	T098	40	4.086768551	101.0370624	Majlis Perbandaran Teluk Intan
99	T099	40	4.086479213	101.0370707	Majlis Perbandaran Teluk Intan
100	T100	40	4.086144624	101.0370969	Majlis Perbandaran Teluk Intan
101	T101	40	4.087473551	101.0371452	Majlis Perbandaran Teluk Intan
102	T102	40	4.087491128	101.0373434	Majlis Perbandaran Teluk Intan
103	T103	40	4.08752672	101.0375685	Majlis Perbandaran Teluk Intan
104	T104	40	4.087535165	101.0378027	Majlis Perbandaran Teluk Intan
105	T105	40	4.087543678	101.0380098	Majlis Perbandaran Teluk Intan
106	T106	40	4.087561141	101.0382529	Majlis Perbandaran Teluk Intan
107	T107	40	4.08756954	101.0385051	Majlis Perbandaran Teluk Intan
108	T108	40	4.087586773	101.0388382	Majlis Perbandaran Teluk Intan
109	T109	40	4.087604144	101.0391174	Majlis Perbandaran Teluk Intan
110	T110	40	4.087684573	101.0394868	Majlis Perbandaran Teluk Intan
111	T111	40	4.087719934	101.039802	Majlis Perbandaran Teluk Intan

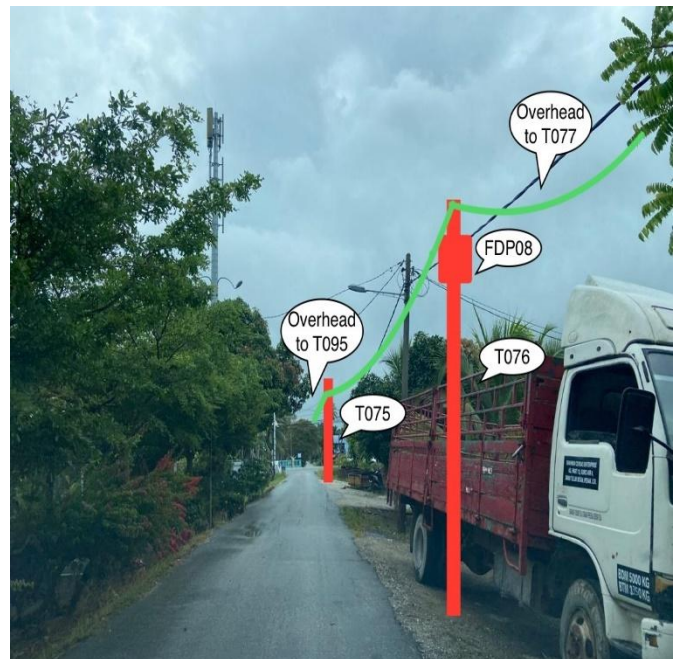
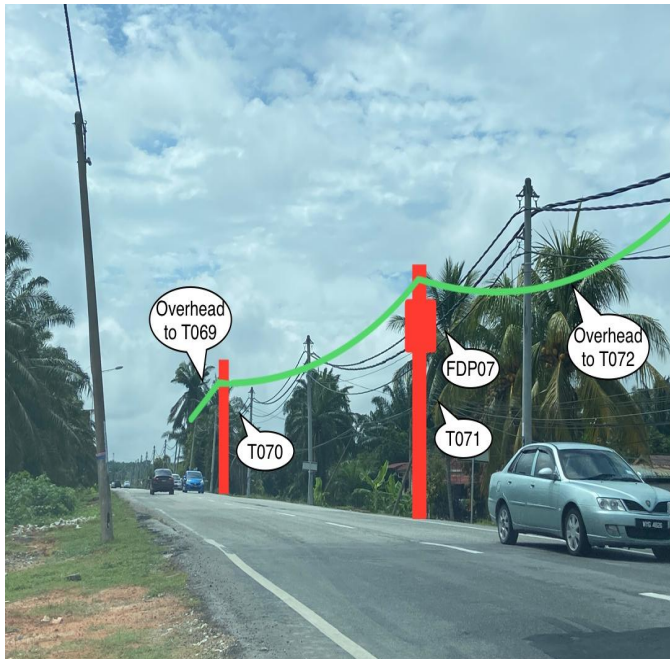
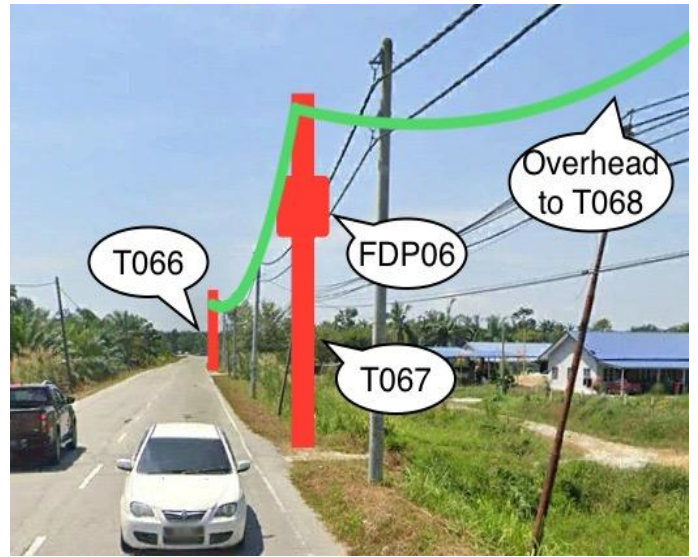
### 3.0 PROPOSED NEW POLE

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
112	T112	40	4.087763992	101.0402523	Majlis Perbandaran Teluk Intan
113	T113	40	4.08780821	101.0406396	Majlis Perbandaran Teluk Intan
114	T114	40	4.087825327	101.0410178	Majlis Perbandaran Teluk Intan
115	T115	40	4.087842123	101.041522	Majlis Perbandaran Teluk Intan
116	T116	40	4.087841181	101.0418912	Majlis Perbandaran Teluk Intan
117	T117	40	4.087867132	101.0423504	Majlis Perbandaran Teluk Intan
118	T118	40	4.087938472	101.0427378	Majlis Perbandaran Teluk Intan
119	T119	40	4.087955773	101.043044	Majlis Perbandaran Teluk Intan
120	T120	40	4.087756938	101.0430164	Majlis Perbandaran Teluk Intan
121	T121	40	4.08753082	101.0430519	Majlis Perbandaran Teluk Intan
122	T122	40	4.087241414	101.0430872	Majlis Perbandaran Teluk Intan
123	T123	40	4.08694299	101.0431134	Majlis Perbandaran Teluk Intan
124	T124	40	4.086626438	101.0431576	Majlis Perbandaran Teluk Intan
125	T125	40	4.08643653	101.0431752	Majlis Perbandaran Teluk Intan
126	T126	40	4.087946042	101.043314	Majlis Perbandaran Teluk Intan
127	T127	40	4.087945421	101.0435571	Majlis Perbandaran Teluk Intan
128	T128	40	4.087971992	101.0437733	Majlis Perbandaran Teluk Intan
129	T129	40	4.08797144	101.0439894	Majlis Perbandaran Teluk Intan
130	T130	40	4.087989039	101.0441785	Majlis Perbandaran Teluk Intan
131	T131	40	4.088015518	101.0444307	Majlis Perbandaran Teluk Intan
132	T132	40	4.08804202	101.0446739	Majlis Perbandaran Teluk Intan
133	T133	40	4.088077494	101.0449441	Majlis Perbandaran Teluk Intan
134	T134	40	4.08808596	101.0451692	Majlis Perbandaran Teluk Intan
135	T135	40	4.088094448	101.0453853	Majlis Perbandaran Teluk Intan
136	T136	40	4.088129853	101.0456825	Majlis Perbandaran Teluk Intan
137	T137	40	4.08816505	101.0460608	Majlis Perbandaran Teluk Intan
138	T138	40	4.088190952	101.046538	Majlis Perbandaran Teluk Intan
139	T139	40	4.088252973	101.0470334	Majlis Perbandaran Teluk Intan
140	T140	40	4.088288077	101.0474477	Majlis Perbandaran Teluk Intan
141	T141	40	4.088341171	101.047898	Majlis Perbandaran Teluk Intan
142	T142	40	4.088384855	101.0484923	Majlis Perbandaran Teluk Intan
143	T143	40	4.088428353	101.0491587	Majlis Perbandaran Teluk Intan
144	T144	40	4.088462534	101.0499331	Majlis Perbandaran Teluk Intan

**4.0 SITE PHOTOS - PROPOSED NEW POLE**



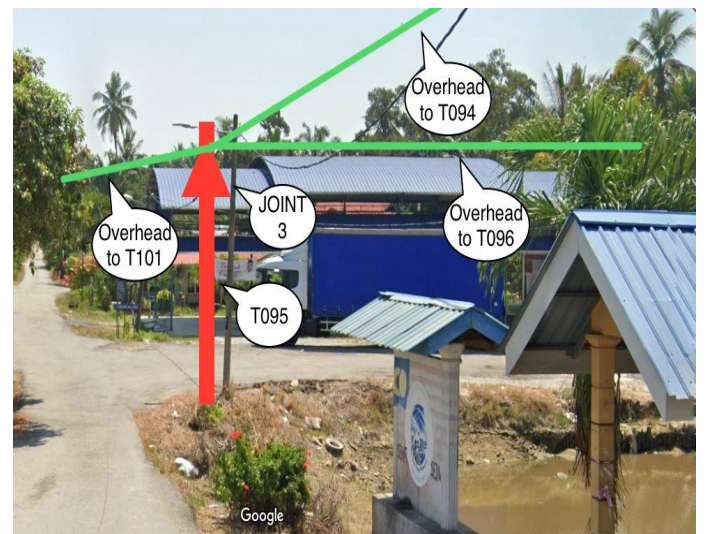
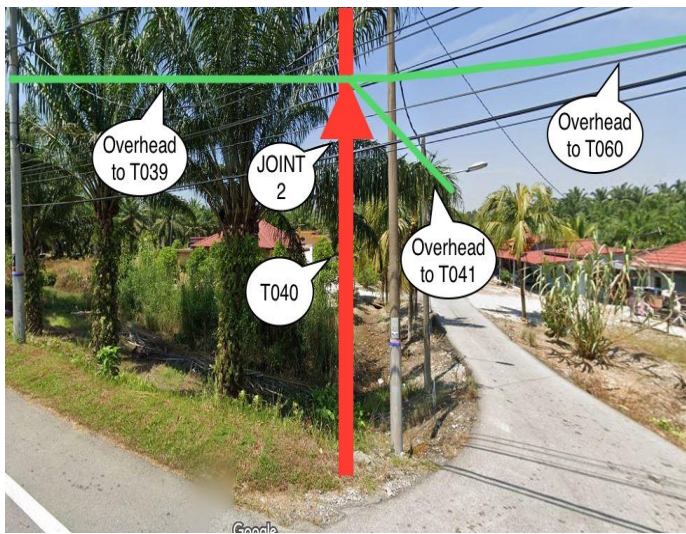
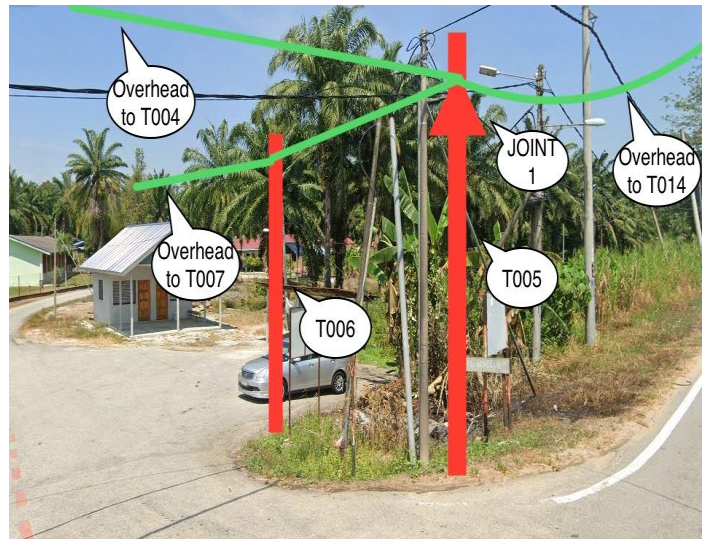
**4.0 SITE PHOTOS - PROPOSED NEW POLE**



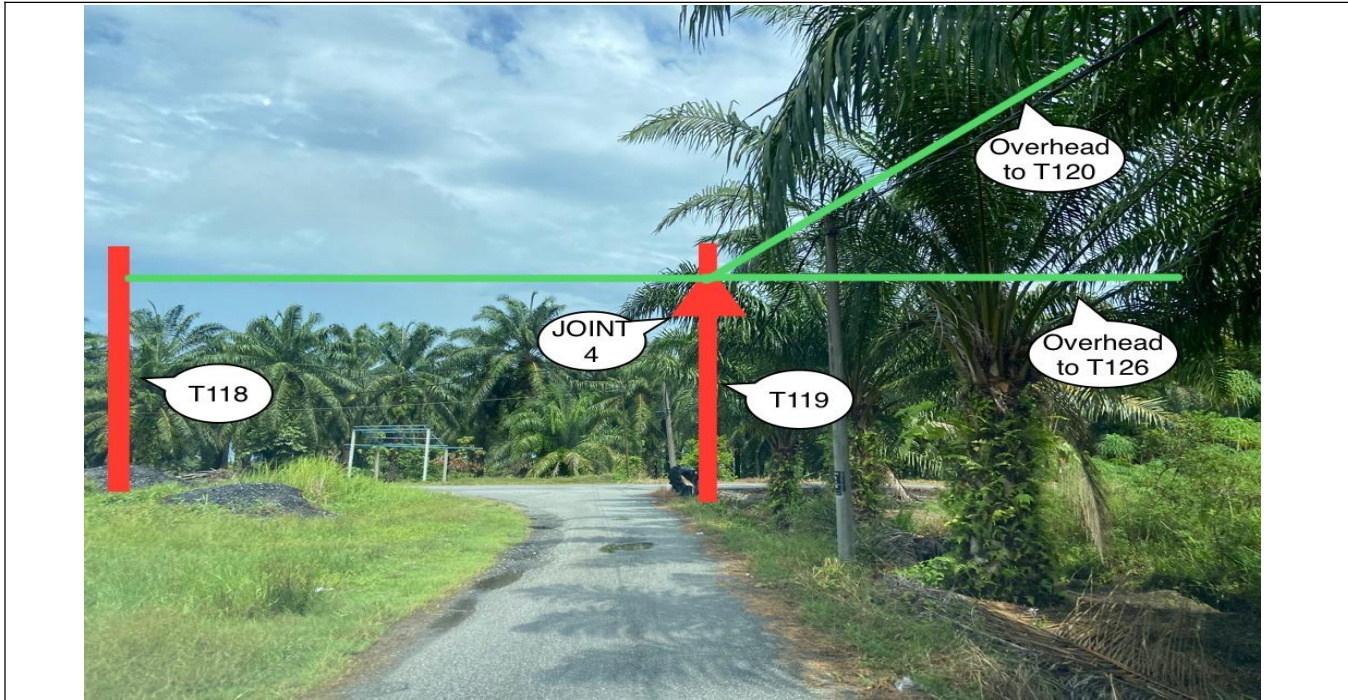
**4.0 SITE PHOTOS - PROPOSED NEW POLE**



**4.0 SITE PHOTOS - PROPOSED NEW POLE**



#### 4.0 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))



### 5.0 3<sup>rd</sup> PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Perbandaran Teluk Intan	3,413M
2	JKR Hilir Perak	1,426M



12C FOC	Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	Suspension	New Manhole (PH)	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)	C01	DP1	FDP NO.

ACTUAL HOMEPASS :



PROJECT OWNER:

KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR:

PRIVASAT

SUB-CONTRACTOR:

KNZ ENGINEERING SDN BHD  
NO. 60 & 60A, Jalan Klebang Indah 1,  
Medan Klebang Indah,  
30100 Ipoh, Perak  
No Tel: 019-3695071  
Email: admin@knzengineering.com.my  
Website: www.knzengineering.com.my

PROJECT TITLE:

**SEKOLAH KEBANGSAAN SUNGAI TUNGKU**

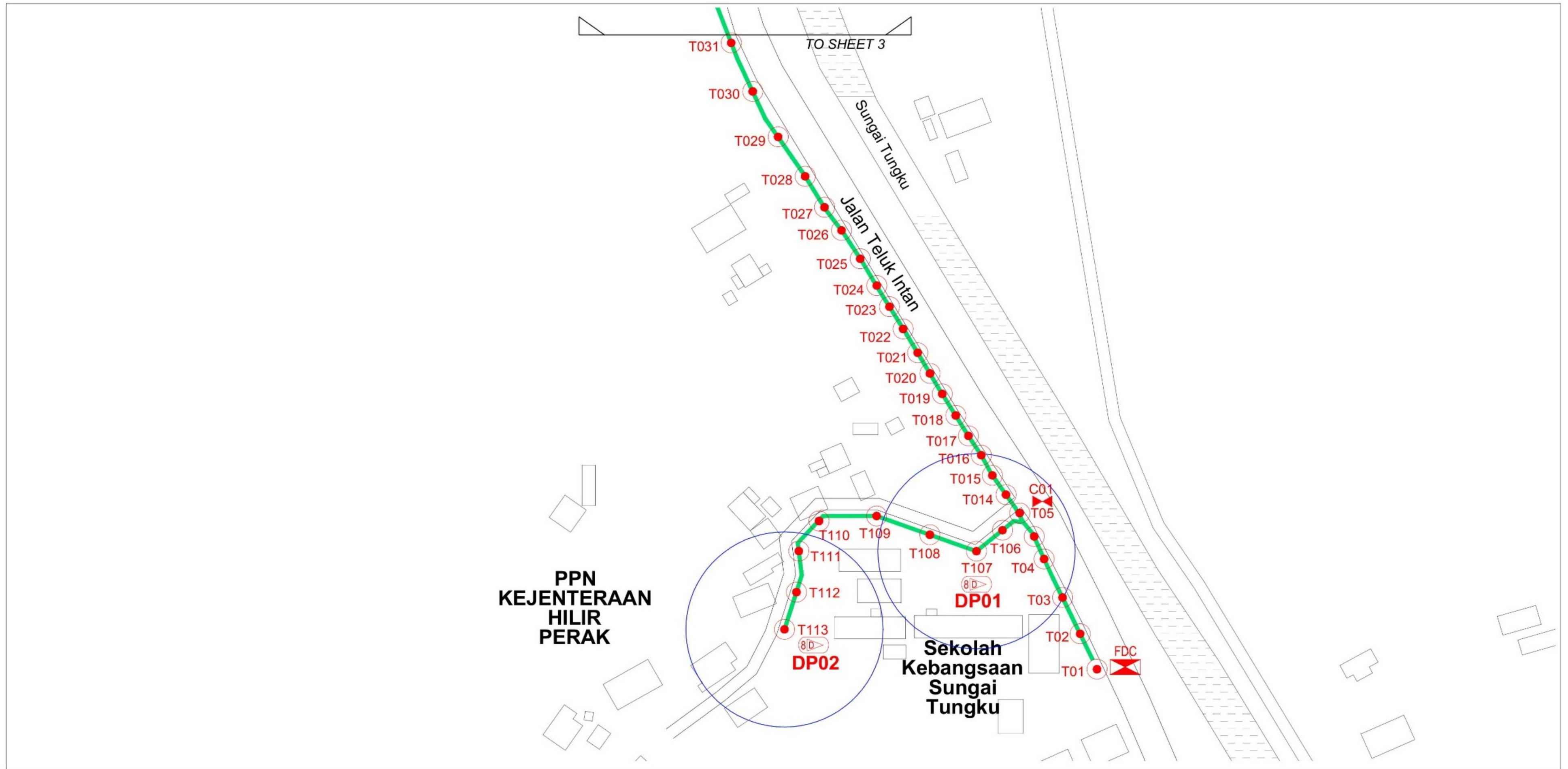
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**TP Drawing**

PROJECT ID:

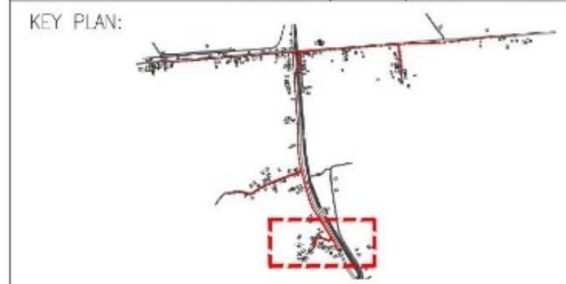
**ABA5061**

Design By : (Contractor)	Date :
Drawn By : (Contractor)	Scale :
Checked By : (ALLO PIC)	Job Number :
DRAWING NUMBER :	Sheet : <b>1/9</b>
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	Size : <b>A3</b>



12C FOC	Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	Suspension	New Vanhole (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 Vanhole	Open Cut (Meter)	FDC NO.	DP1	FDP NO.

ACTUAL HOMEPASS :



PROJECT OWNER:

MAIN CONTRACTOR:

SUB-CONTRACTOR:

KNZ ENGINEERING SDN BHD  
NO. 60 & 60A, Jalan Klebang Indah 1,  
Medan Klebang Indah,  
30100 Ipoh, Perak  
No Tel: 019-3695071  
Email: admin@knzengineering.com.my  
Website: www.knzengineering.com.my

PROJECT TITLE:

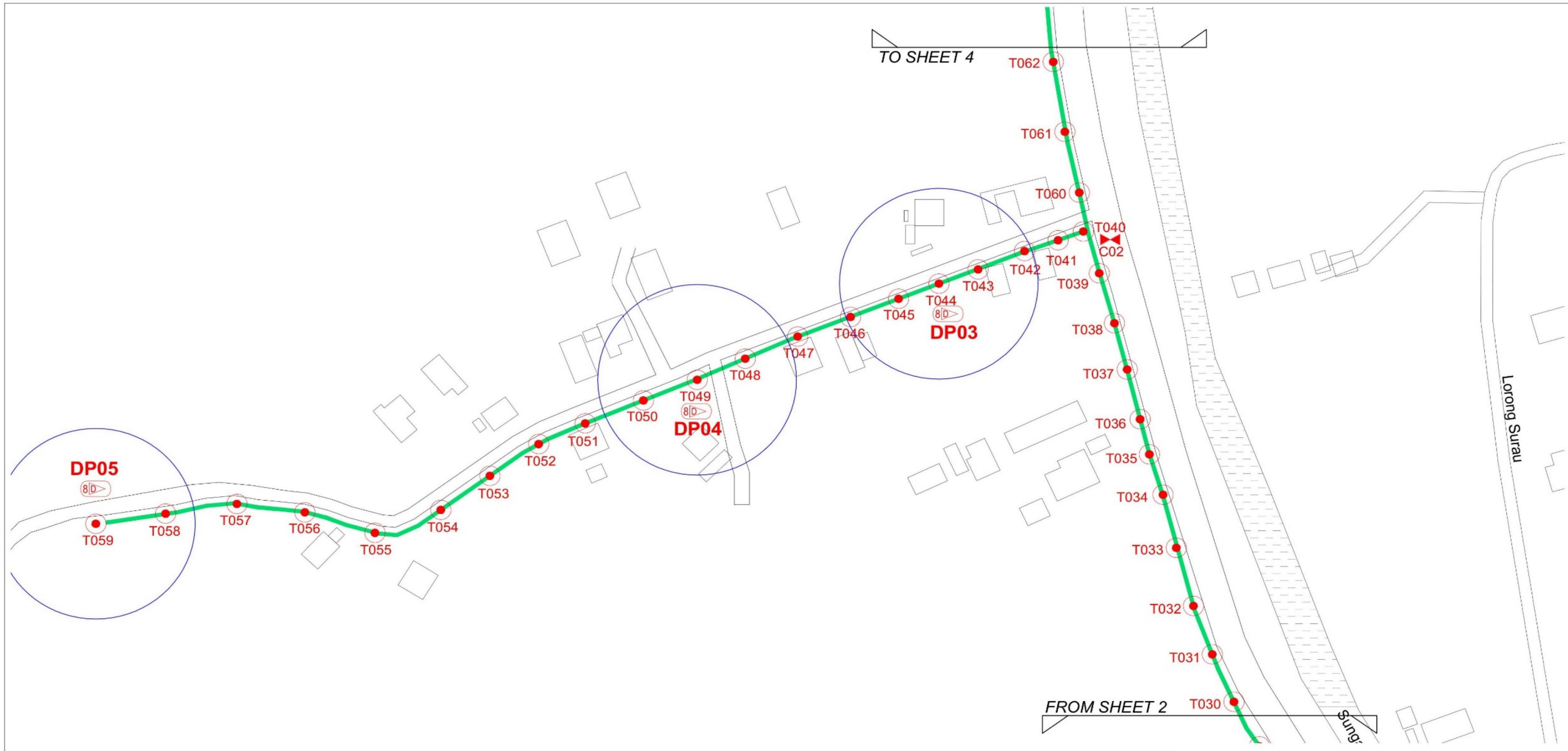
**SEKOLAH KEBANGSAAN  
SUNGAI TUNGKU**

DRAWING TITLE:

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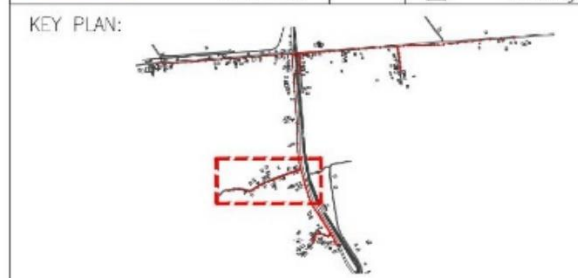
PROJECT ID:  
**ABA5061**

Design By : (Contractor)	Date :
Drawn By : (Contractor)	Scale :
Checked By : (ALLO PIC)	Job Number :
DRAWING NUMBER :	Sheet : <b>2/9</b>
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	12C FOC		Installed 1:4 / 1:8 / 1:32 splitter		Installed Pole (9m)		Suspension		New Manhole (PIT)		Micro-Trenching (Meter)		MH NO.
	24C FOC		Installed Patch Cord		Installed Pole (7.5M)		Tension		New Manhole (JRC7)		Temporary Intra (Meter)		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.

ACTUAL HOMEPASS :
-------------------



PROJECT OWNER:

KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR:

APEX COMMUNICATIONS SDN BHD  
187475-V  
PRIVASAT

SUB-CONTRACTOR:

KNZ ENGINEERING SDN BHD  
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Email: admin@knzengineering.com.my  
Website: www.knzengineering.com.my

PROJECT TITLE:

SEKOLAH KEBANGSAAN SUNGAI TUNGKU

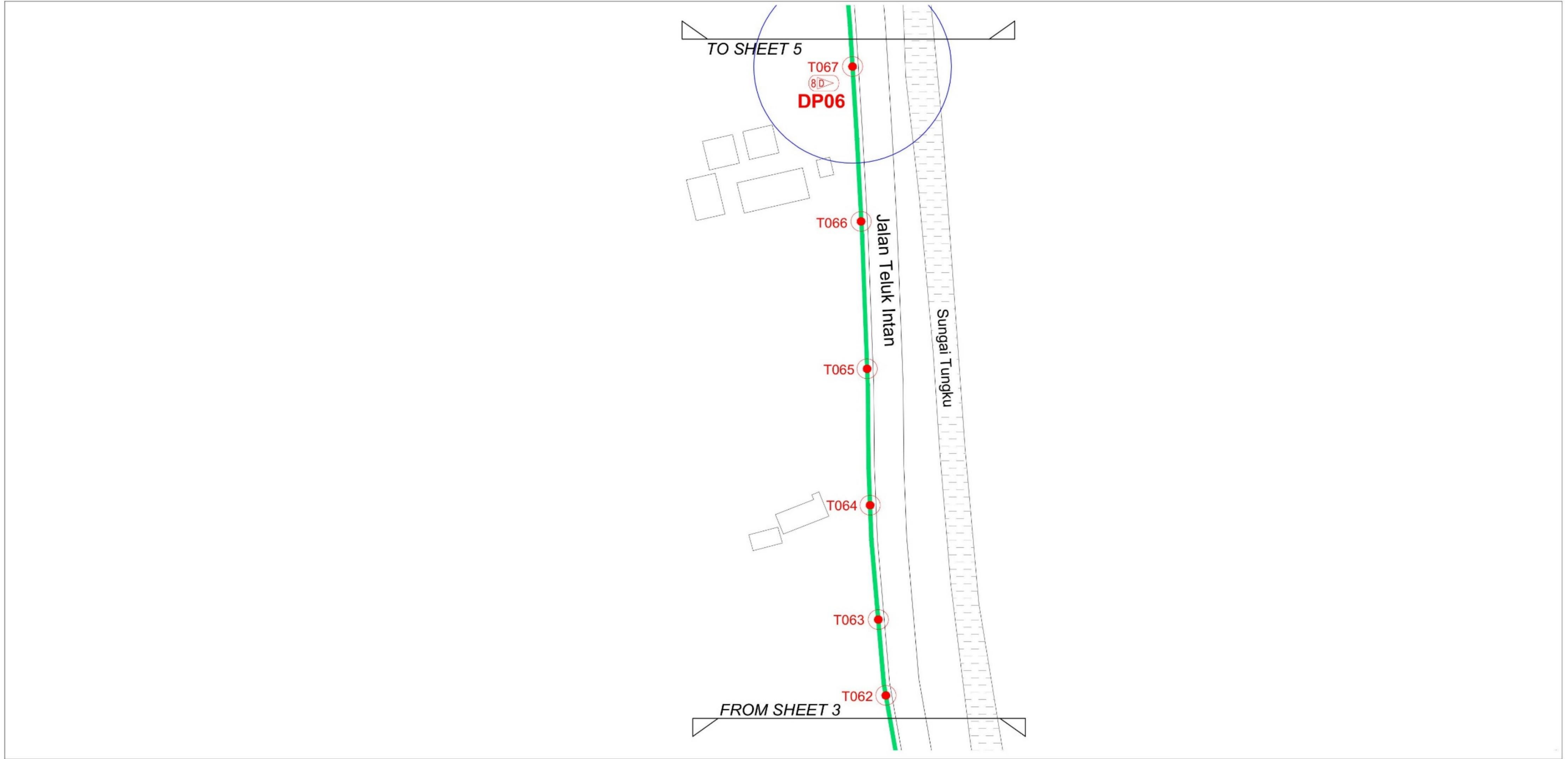
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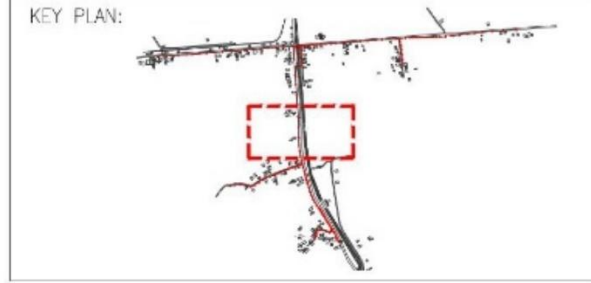
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12C FOC	Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	s	Suspension	MB56	New Manhole (PIT)	Micro-Trenching (Meter)	MH1	MH NO.
24C FOC	Installed Patch Cord	Installed Pole (7.5M)	t	Tension	MB7	New Manhole(JRC7)	Temporary Infra (Meter)	TKS-1	Existing TNB Pole NO.
4BC 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)	#	CL01	Closure NO.
144C FOC	Existing Closure	Installed Riser	⊗	Existing Manhole	---	Open Cut (Meter)	C01	DP1	FDP NO.

ACTUAL HOMEPASS :	
Design By : (Contractor)	Date :
Drawn By : (Contractor)	Scale :
Checked By : (ALLO PIC)	Job Number :
DRAWING NUMBER :	Sheet : 4/9
PROJECT ID: ABA5061	Size : A3



PROJECT OWNER:

KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR:

PRIVASAT

SUB-CONTRACTOR:

KNZ ENGINEERING SDN BHD  
 NO. 60 & 60A, Jalan Klebang Indah 1,  
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 30100 Ipoh, Perak  
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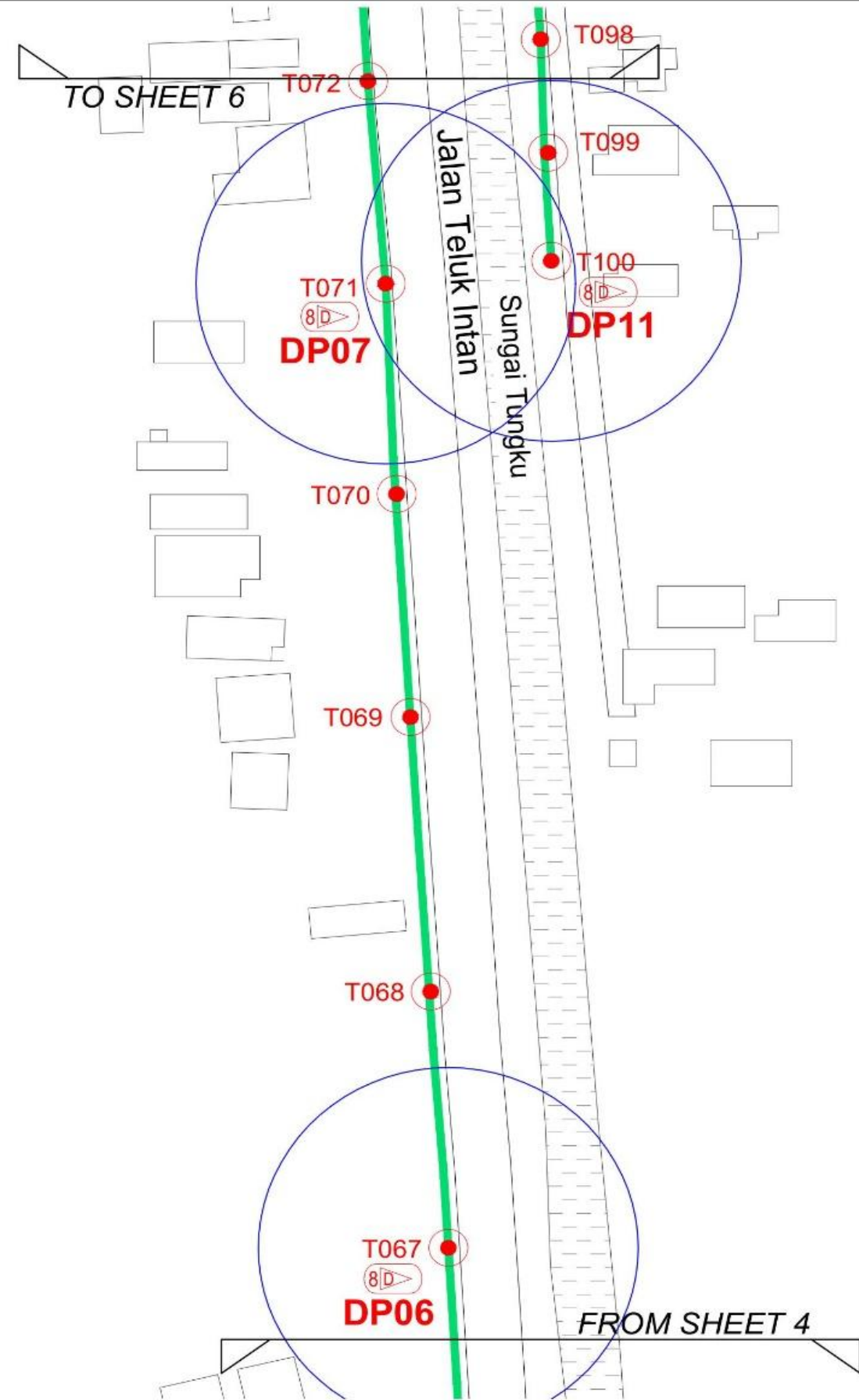
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SEKOLAH KEBANGSAAN SUNGAI TUNGKU

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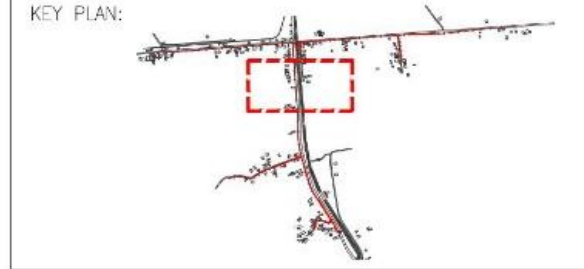
TP Drawing

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12C FOC	Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	s	Suspension	1B-3A	New Manhole (PIT)	Micro-Trenching (Meter)	MH1	MH NO.	
24C FOC	Installed Patch Cord	Installed Pole (7.5M)	T	Tension	C-7	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	8D>	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 :



PROJECT OWNER:



KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR:



PRIVASAT

SUB-CONTRACTOR:



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Email: admin@knzengineering.com.my  
Website: www.knzengineering.com.my

PROJECT TITLE:

SEKOLAH KEBANGSAAN SUNGAI TUNGKU

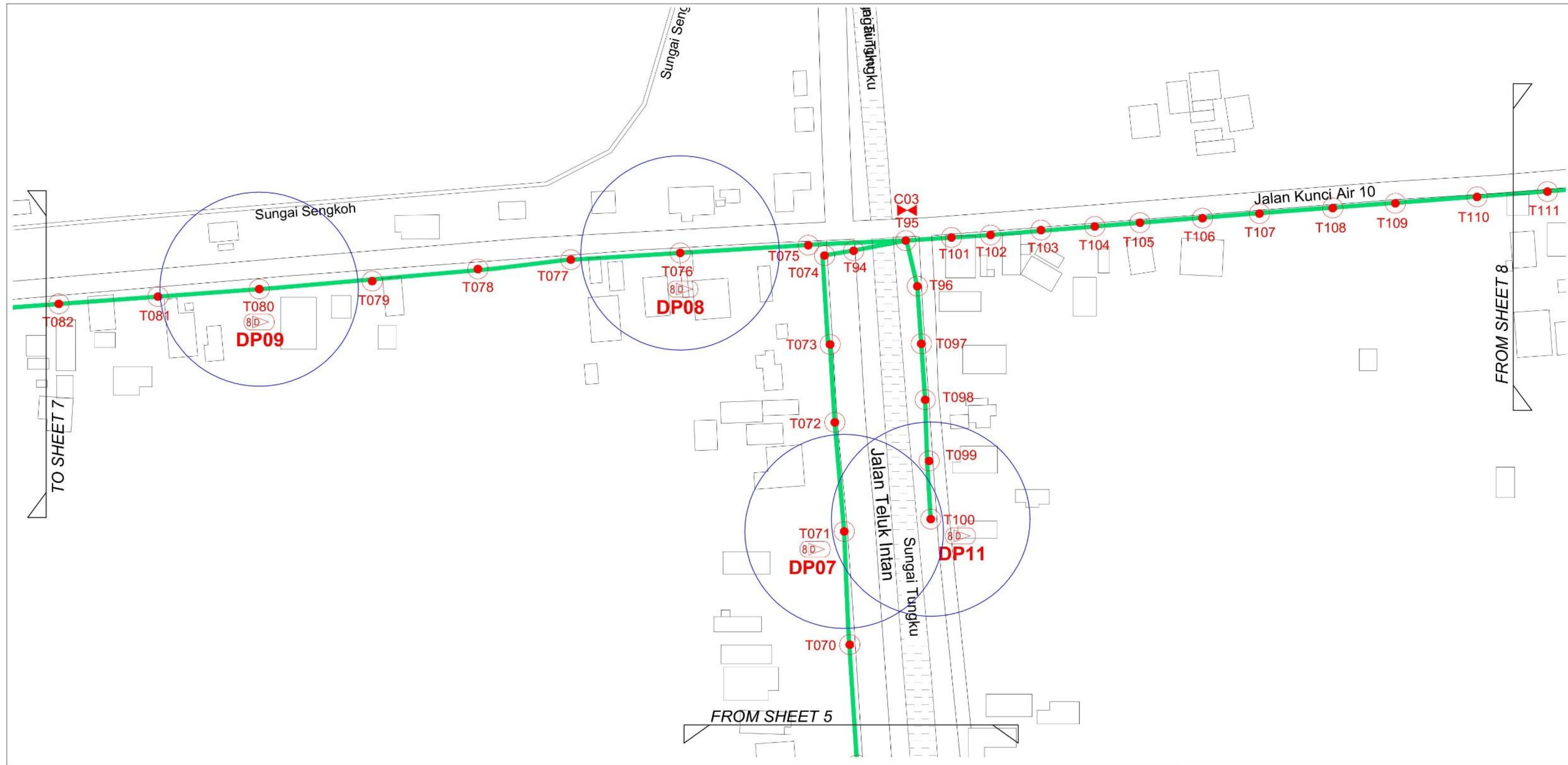
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PROJECT ID:

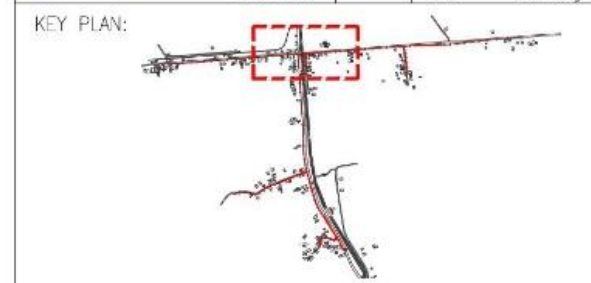
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12C FOC	installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	Suspension	New Manhole (PIT)	Micro-Trenching (Meter)	MH1	MH NO.
24C FOC	installed Patch Cord	installed Pole (7.5M)	Tension	New Manhole(JRC7)	Temporary Infra (Meter)	TKS-1	Existing TNB 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 :

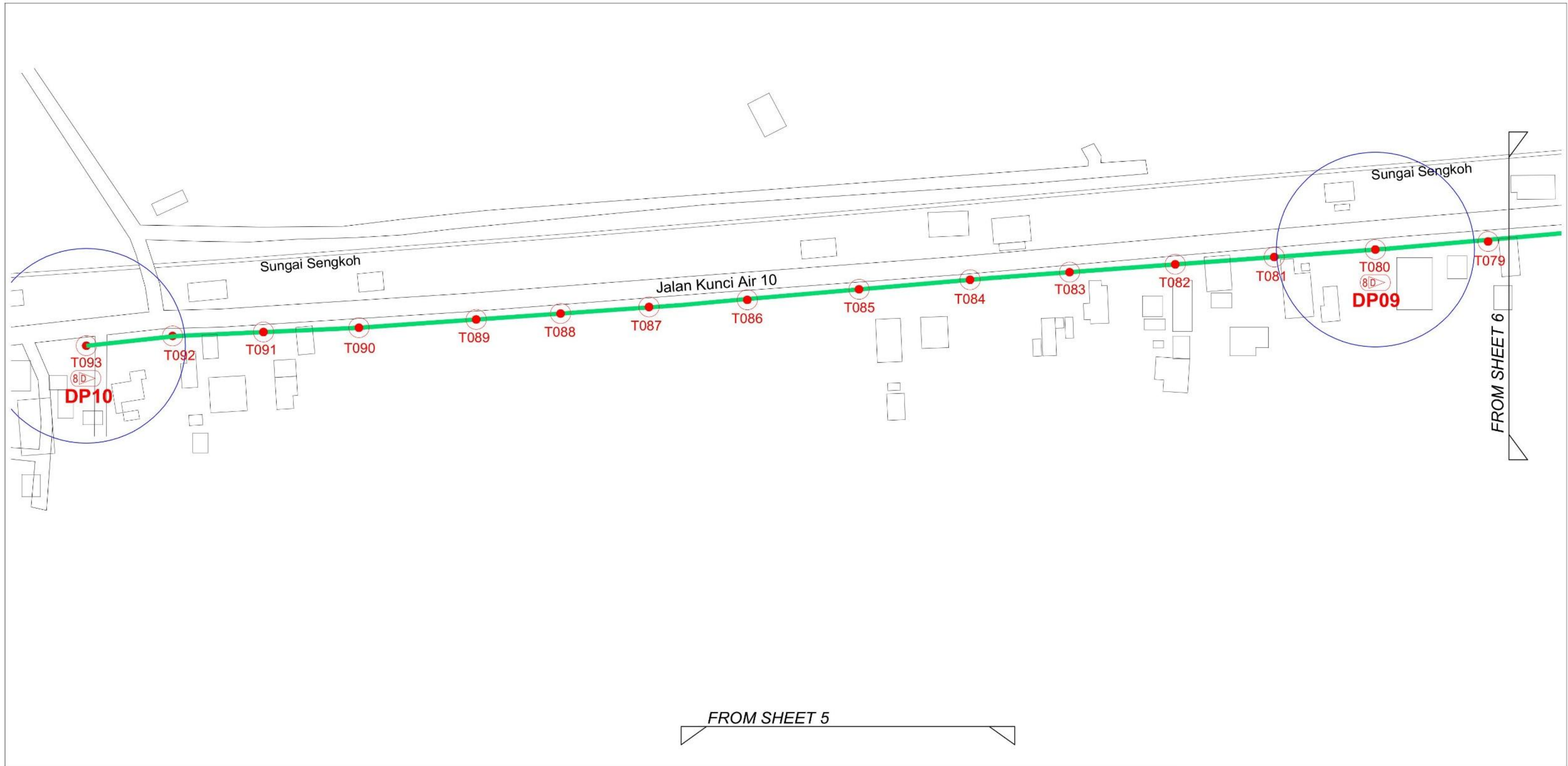


SUB-CONTRACTOR:  
**KNZ Engineering**  
 KNZ ENGINEERING SDN BHD  
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 30100 Ipoh, Perak  
 No Tel: 019-3695071  
 Email: admin@knzengineering.com.my  
 Website: www.knzengineering.com.my

PROJECT TITLE:  
**SEKOLAH KEBANGSAAN  
 SUNGAI TUNGKU**

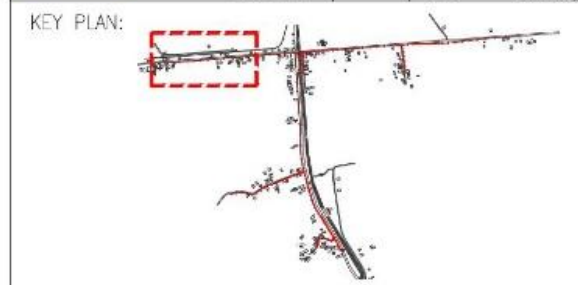
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 PROJECT ID:  
**ABA5061**

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Drawn By : (Contractor)	Scale :
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DRAWING NUMBER :	Sheet : <b>6/9</b>
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	12C FOC	Installed 1:4 / 1:8 / 1:32 splitter		Installed Pole (9m)		Suspension		New Manhole (PIT)		Micro-Trenching (Meter)		MH NO.
	24C FOC	Installed Patch Cord		Installed Pole (7.5M)		Tension		New Manhole(JRC7)		Temporary Infra (Meter)		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 Vanhole		Open Cut (Meter)		FDC NO.		FDP NO.

ACTUAL HOMEPASS :	
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Drawn By : (Contractor)	Scale :
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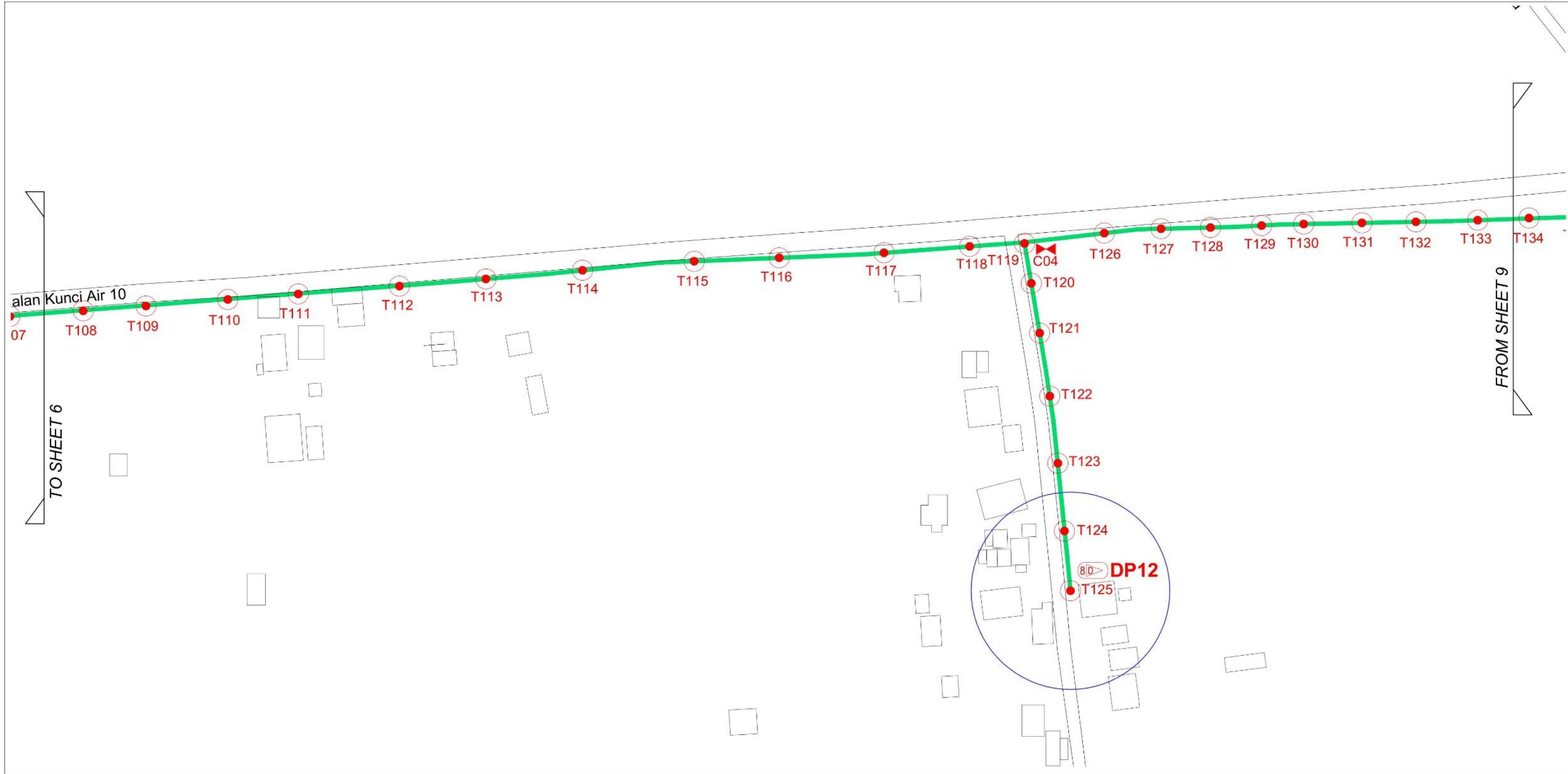


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**SEKOLAH KEBANGSAAN SUNGAI TUNGGU**

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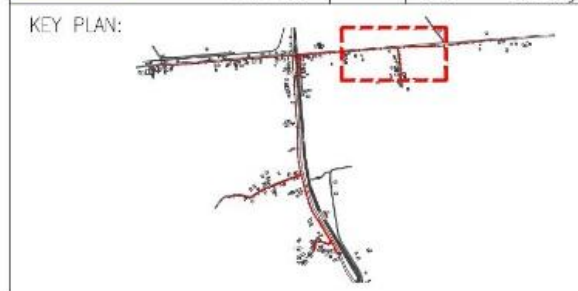
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	12C FOC		Installed 1:4 / 1:8 / 1:32 splitter		Installed Pole (9m)		Suspension		New Manhole (PIT)		Micro-Trenching (Meter)		MH NO.
	24C FOC		Installed Patch Cord		Installed Pole (7.5M)		Tension		New Manhole (JRC7)		Temporary Infra (Meter)		Existing 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.

ACTUAL HOMEPASS :



PROJECT OWNER:

MAIN CONTRACTOR:

PRIVASAT

SUB-CONTRACTOR:

KNZ ENGINEERING SDN BHD  
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 30100 Ipoh, Perak  
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 Website: www.knzengineering.com.my

PROJECT TITLE:

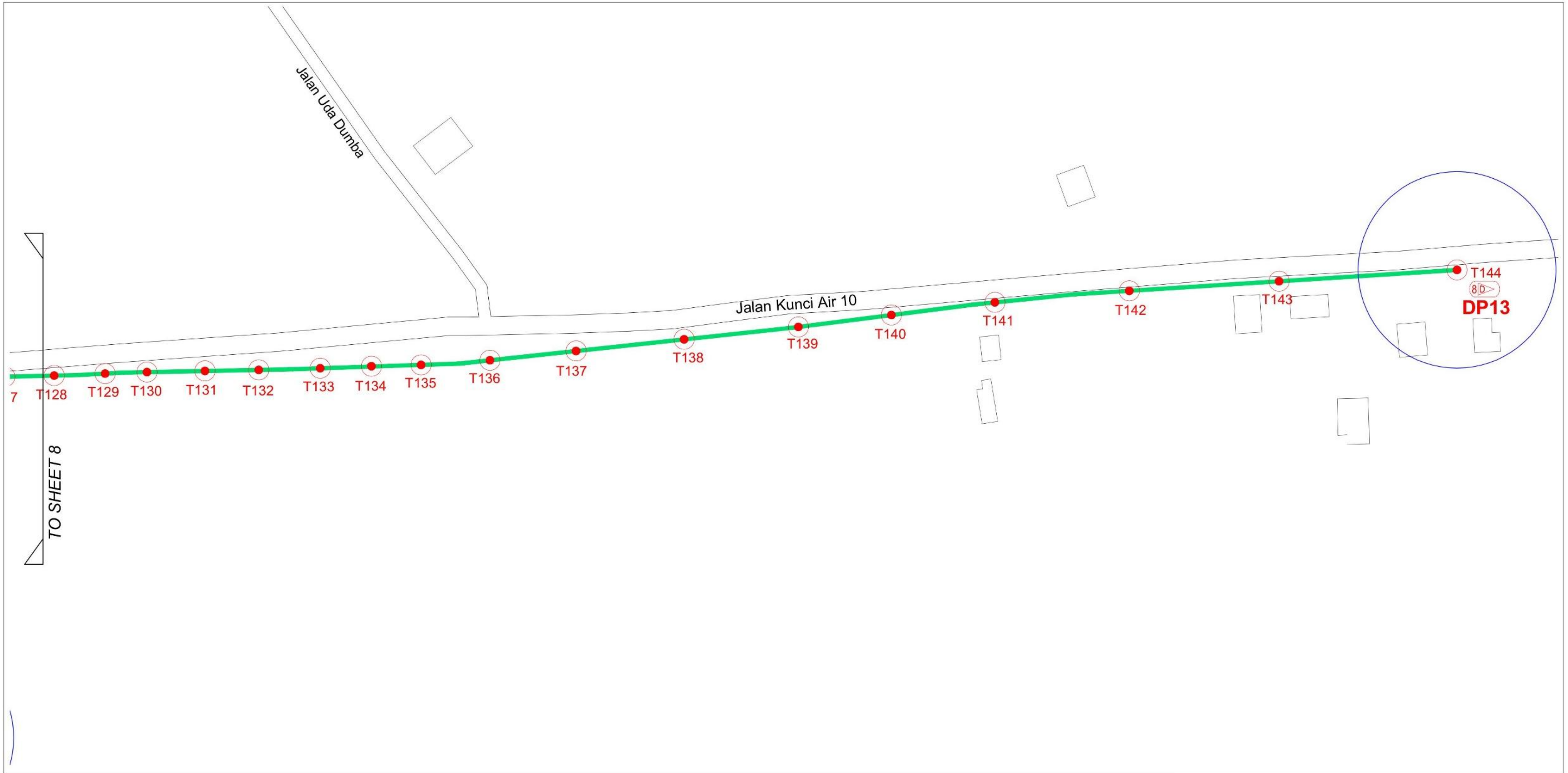
**SEKOLAH KEBANGSAAN  
 SUNGAI TUNGKU**

DRAWING TITLE:

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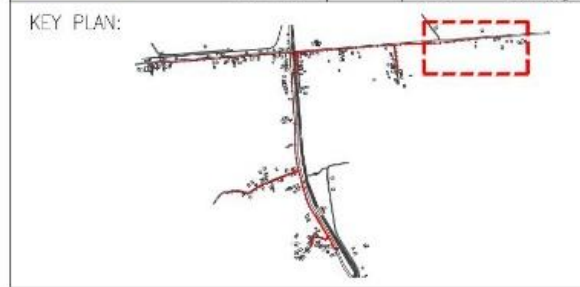
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	12C FOC		Installed 1/4 / 1:8 / 1:32 splitter		Installed Pole (9m)		Suspension		New Manhole (PIT)		Micro-Trenching (Meter)		MH NO.
	24C FOC		Installed Patch Cord		Installed Pole (7.5M)		Tension		New Manhole(JRC?)		Temporary Intra (Meter)		Existing 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.

ACTUAL HOMEPASS :	
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Drawn By : (Contractor)	Scale :
Checked By : (ALLO PIC)	Job Number :
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SUB-CONTRACTOR:

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PROJECT TITLE:

SEKOLAH KEBANGSAAN SUNGAI TUNGKU

DRAWING TITLE:

TP Drawing

PROJECT ID:

ABA5061

Design By : (Contractor)	Date :
Drawn By : (Contractor)	Scale :
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