

TECHNICAL PROPOSAL

POP2 ABA 8214 SEKOLAH KEBANGSAAN CHANGKAT BANJAR (D-SIDE)

Company Name :	WCWL Communication Sdn Bhd
Company Address :	No 127 Jalan PUJ 3/3, Taman Puncak Jalil, Bandar Putra Permai 43300 Selangor
Prepared By :	Ramdan
Date :	16 Dec 2024



Starting Point

Site / Boundary Name :	SEKOLAH KEBANGSAAN CHANGKAT BANJAR
Address :	Jalan Kg Changkat Banjar, Parit
District :	Perak Tengah
Postcode :	32800
State :	Perak
GPS Coordinate :	4.4993, 100.8870
LRD :	A

End Point

Site / Boundary Name :	SEKOLAH KEBANGSAAN CHANGKAT BANJAR
Address :	Jalan Kg Changkat Banjar, Parit
District :	Perak Tengah
Postcode :	32800
State :	Perak
GPS Coordinate :	4.4991, 100.8846
LRD :	B

Work Summary

No	Proposed Distance and Method	Unit	Qty
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

	Other Information	Unit	Qty
1	Proposed Manhole	EA	0
2	Proposed Pole	EA	110
3	Joint Closure	EA	5
4	Estimated time required for completion	days	60

Local Authority Summary

1. Daerah Perak Tengah

Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	-	-
		Majlis	-	-
		Pejabat Daerah & Tanah	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	-	-
		Majlis	-	-
		Pejabat Daerah & Tanah	110	4200m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Pejabat Daerah & Tanah	-	-
		Estate / Private Land	-	-
Total				4200m

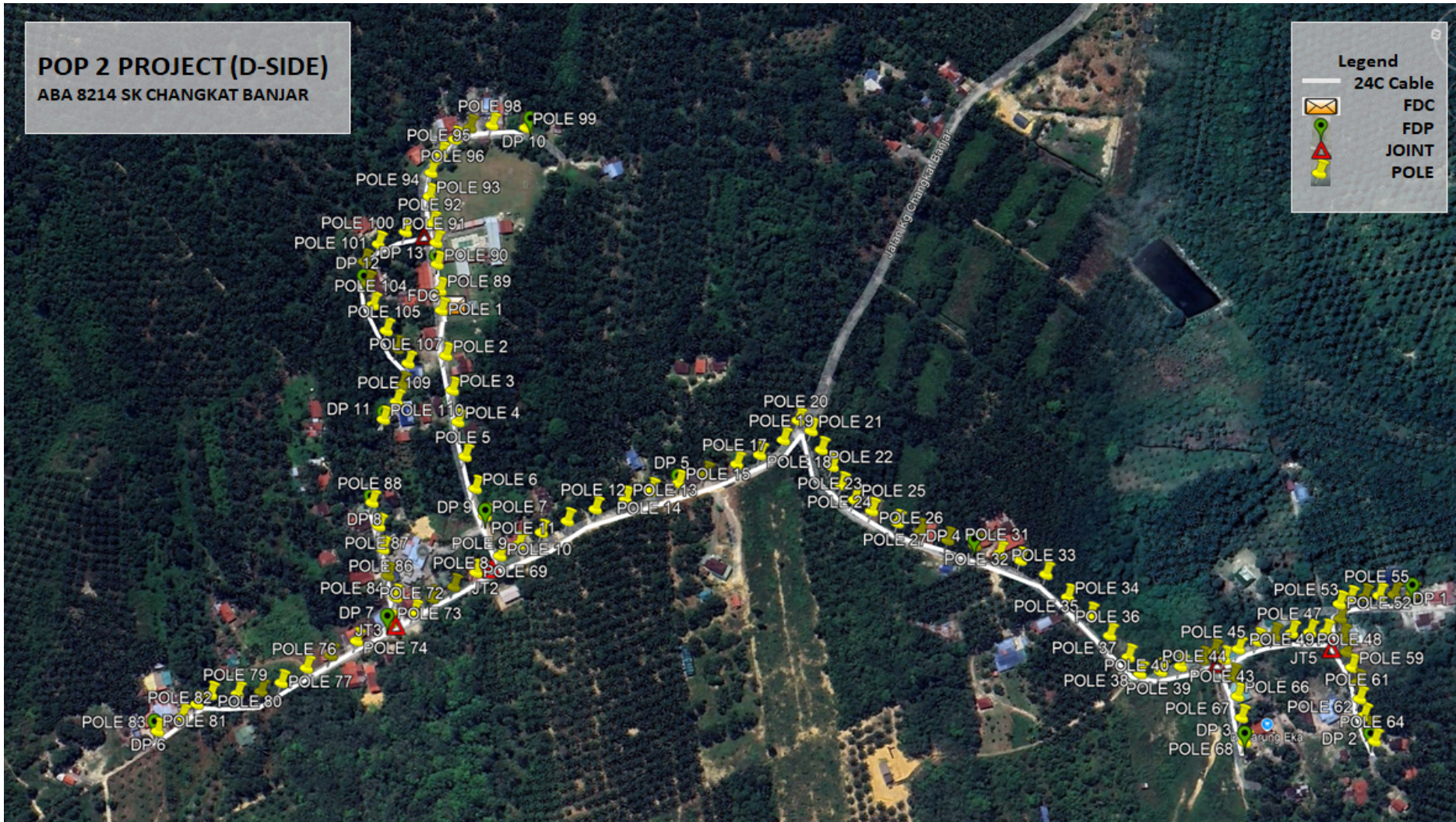


PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
FASA 2 : HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN
SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI
SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA
(KKMM.400-11/17/132(1))



Site Plan – KMZ (Overview site area)

Proposed Cable and 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))



Site Plan – KMZ Routing (All Local Authority)



Route White Colour – Pejabat Daerah dan Tanah

Prop New Pole Lat & Long Table

PROPOSED POLE COORDINATE		
POLE NUMBER	LATITUDE	LONGITUDE
T 001	4.499204546	100.886924709
T 002	4.499111488	100.886577087
T 003	4.499018028	100.886315419
T 004	4.498934277	100.886076213
T 005	4.498835328	100.885817233
T 006	4.498716047	100.885581241
T 007	4.498607524	100.885381642
T 008	4.498444222	100.885090126
T 009	4.498308635	100.885201386
T 010	4.498140936	100.885321960
T 011	4.497948347	100.885440713
T 012	4.497743445	100.885565394
T 013	4.497519650	100.885675377
T 014	4.497330069	100.885769586
T 015	4.497126494	100.885861300
T 016	4.496925466	100.885959712
T 017	4.496694643	100.886075690
T 018	4.496526551	100.886173713
T 019	4.496358759	100.886315498
T 020	4.496267370	100.886482885
T 021	4.496153596	100.886418821
T 022	4.496051952	100.886285481
T 023	4.495948075	100.886169315
T 024	4.495852683	100.886039276
T 025	4.495736746	100.885939105
T 026	4.495586892	100.885875552
T 027	4.495372100	100.885813533
T 028	4.495180638	100.885772601
T 029	4.494958983	100.885739315
T 030	4.494740688	100.885727982
T 031	4.494543051	100.885695491
T 032	4.494374706	100.885668977
T 033	4.494160181	100.885591267
T 034	4.493965435	100.885441446
T 035	4.493770060	100.885327659
T 036	4.493595481	100.885194274
T 037	4.493430573	100.885053523
T 038	4.493322247	100.884941210
T 039	4.493162236	100.884980734
T 040	4.493012708	100.885042878
T 041	4.492852377	100.885120827
T 042	4.492772609	100.885193433
T 043	4.492685034	100.885150308
T 044	4.492586911	100.885244269
T 045	4.492452557	100.885326849
T 046	4.492329017	100.885385844
T 047	4.492195140	100.885429638
T 048	4.492054366	100.885455368

PROPOSED POLE COORDINATE		
POLE NUMBER	LATITUDE	LONGITUDE
T 049	4.491930545	100.885473604
T 050	4.491793391	100.885462223
T 051	4.491832053	100.885598288
T 052	4.491855274	100.885707439
T 053	4.491776174	100.885759059
T 054	4.491664675	100.885789902
T 055	4.491553529	100.885817684
T 056	4.491438042	100.885842837
T 057	4.491298091	100.885871535
T 058	4.491748504	100.885347680
T 059	4.491689145	100.885236643
T 060	4.491630604	100.885129572
T 061	4.491598508	100.885005158
T 062	4.491550707	100.884880737
T 063	4.491499178	100.884781730
T 064	4.491446409	100.884702343
T 065	4.492598773	100.885025411
T 066	4.492536555	100.884880940
T 067	4.492480953	100.884721148
T 068	4.492429757	100.884540259
T 069	4.498613299	100.884933406
T 070	4.498771875	100.884797495
T 071	4.498927416	100.884682150
T 072	4.499053390	100.884554900
T 073	4.499227276	100.884445401
T 074	4.499470723	100.884263649
T 075	4.499656669	100.884121108
T 076	4.499832976	100.883995151
T 077	4.500013773	100.883851959
T 078	4.500165606	100.883758763
T 079	4.500350901	100.883710433
T 080	4.500561656	100.883673793
T 081	4.500657910	100.883582846
T 082	4.500758998	100.883469383
T 083	4.500930760	100.883329571
T 084	4.499218934	100.884645857
T 085	4.499305507	100.884803573
T 086	4.499375854	100.885003098
T 087	4.499433004	100.885176098
T 088	4.499513350	100.885350985
T 089	4.499237447	100.887077921
T 090	4.499289886	100.887277608
T 091	4.499321996	100.887443466
T 092	4.499375830	100.887586990
T 093	4.499428823	100.887793599
T 094	4.499449762	100.887985613
T 095	4.499399042	100.888145858
T 096	4.499309828	100.888280127
T 097	4.499204459	100.888389506
T 098	4.499030686	100.888434914
T 099	4.498758784	100.888452783

PROPOSED POLE COORDINATE		
POLE NUMBER	LATITUDE	LONGITUDE
T 100	4.499576704	100.887490996
T 101	4.499781076	100.887367312
T 102	4.499873947	100.887214354
T 103	4.499819966	100.887049940
T 104	4.499753124	100.886887611
T 105	4.499615014	100.886701169
T 106	4.499502335	100.886573727
T 107	4.499398472	100.886472012
T 108	4.499412733	100.886297961
T 109	4.499436937	100.886159040
T 110	4.499515394	100.886007640

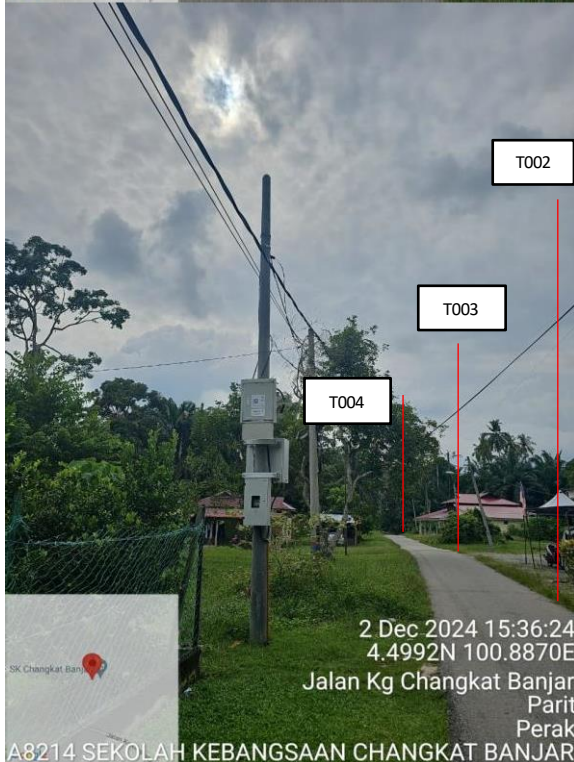
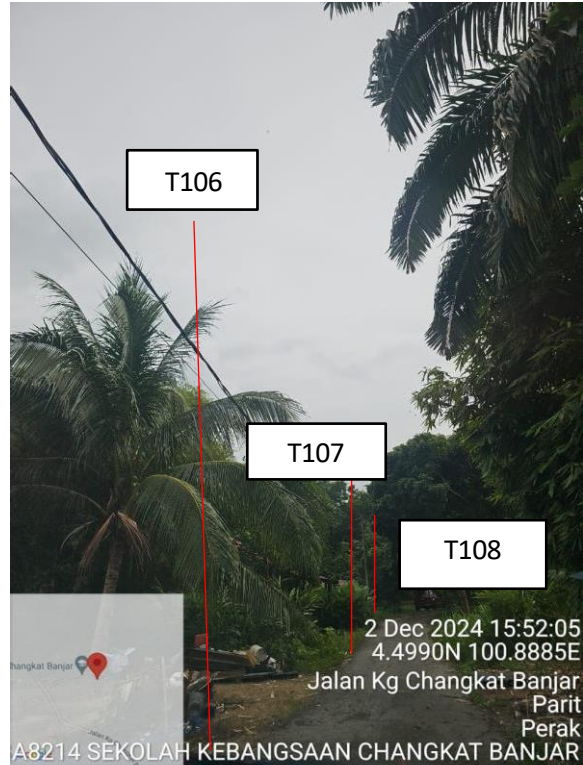
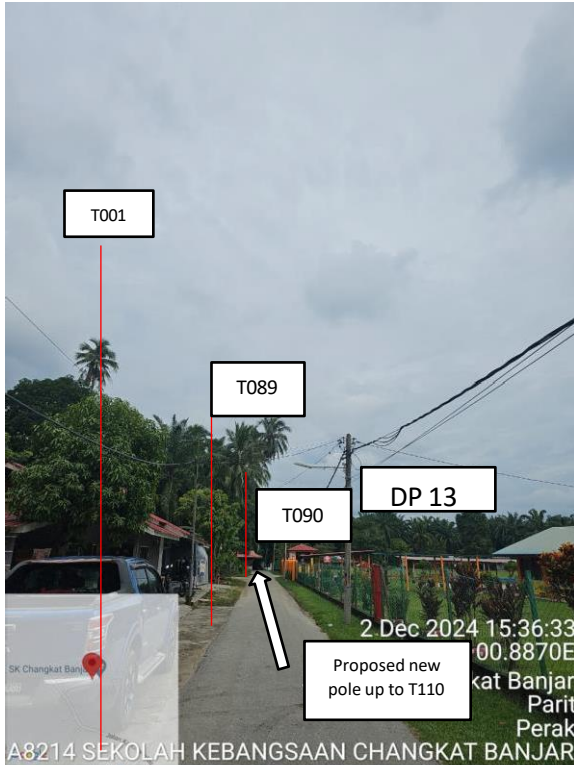
Overall Manhole & Pole (Propose New & Existing)

No.	Pole & Manhole ID	Distance (m)	Latitude	Longitude	Local Authority
1	T 001	0	4.499204546	100.886924709	Pej. Daerah & Tanah
2	T 002	40	4.499111488	100.886577087	Pej. Daerah & Tanah
3	T 003	31	4.499018028	100.886315419	Pej. Daerah & Tanah
4	T 004	28	4.498934277	100.886076213	Pej. Daerah & Tanah
5	T 005	31	4.498835328	100.885817233	Pej. Daerah & Tanah
6	T 006	29	4.498716047	100.885581241	Pej. Daerah & Tanah
7	T 007	25	4.498607524	100.885381642	Pej. Daerah & Tanah
8	T 008	37	4.498444222	100.885090126	Pej. Daerah & Tanah
9	T 009	19	4.498308635	100.885201386	Pej. Daerah & Tanah
10	T 010	23	4.498140936	100.885321960	Pej. Daerah & Tanah
11	T 011	25	4.497948347	100.885440713	Pej. Daerah & Tanah
12	T 012	27	4.497743445	100.885565394	Pej. Daerah & Tanah
13	T 013	28	4.497519650	100.885675377	Pej. Daerah & Tanah
14	T 014	24	4.497330069	100.885769586	Pej. Daerah & Tanah
15	T 015	25	4.497126494	100.885861300	Pej. Daerah & Tanah
16	T 016	25	4.496925466	100.885959712	Pej. Daerah & Tanah
17	T 017	29	4.496694643	100.886075690	Pej. Daerah & Tanah
18	T 018	22	4.496526551	100.886173713	Pej. Daerah & Tanah
19	T 019	24	4.496358759	100.886315498	Pej. Daerah & Tanah
20	T 020	21	4.496267370	100.886482885	Pej. Daerah & Tanah
21	T 021	15	4.496153596	100.886418821	Pej. Daerah & Tanah
22	T 022	19	4.496051952	100.886285481	Pej. Daerah & Tanah
23	T 023	17	4.495948075	100.886169315	Pej. Daerah & Tanah
24	T 024	18	4.495852683	100.886039276	Pej. Daerah & Tanah
25	T 025	17	4.495736746	100.885939105	Pej. Daerah & Tanah
26	T 026	18	4.495586892	100.885875552	Pej. Daerah & Tanah
27	T 027	25	4.495372100	100.885813533	Pej. Daerah & Tanah
28	T 028	22	4.495180638	100.885772601	Pej. Daerah & Tanah
29	T 029	25	4.494958983	100.885739315	Pej. Daerah & Tanah
30	T 030	24	4.494740688	100.885727982	Pej. Daerah & Tanah
31	T 031	22	4.494543051	100.885695491	Pej. Daerah & Tanah
32	T 032	19	4.494374706	100.885668977	Pej. Daerah & Tanah
33	T 033	25	4.494160181	100.885591267	Pej. Daerah & Tanah
34	T 034	27	4.493965435	100.885441446	Pej. Daerah & Tanah
35	T 035	25	4.493770060	100.885327659	Pej. Daerah & Tanah
36	T 036	24	4.493595481	100.885194274	Pej. Daerah & Tanah
37	T 037	24	4.493430573	100.885053523	Pej. Daerah & Tanah
38	T 038	17	4.493322247	100.884941210	Pej. Daerah & Tanah
39	T 039	18	4.493162236	100.884980734	Pej. Daerah & Tanah
40	T 040	18	4.493012708	100.885042878	Pej. Daerah & Tanah
41	T 041	20	4.492852377	100.885120827	Pej. Daerah & Tanah
42	T 042	12	4.492772609	100.885193433	Pej. Daerah & Tanah
43	T 043	11	4.492685034	100.885150308	Pej. Daerah & Tanah
44	T 044	15	4.492586911	100.885244269	Pej. Daerah & Tanah
45	T 045	18	4.492452557	100.885326849	Pej. Daerah & Tanah
46	T 046	15	4.492329017	100.885385844	Pej. Daerah & Tanah
47	T 047	16	4.492195140	100.885429638	Pej. Daerah & Tanah
48	T 048	16	4.492054366	100.885455368	Pej. Daerah & Tanah
49	T 049	14	4.491930545	100.885473604	Pej. Daerah & Tanah

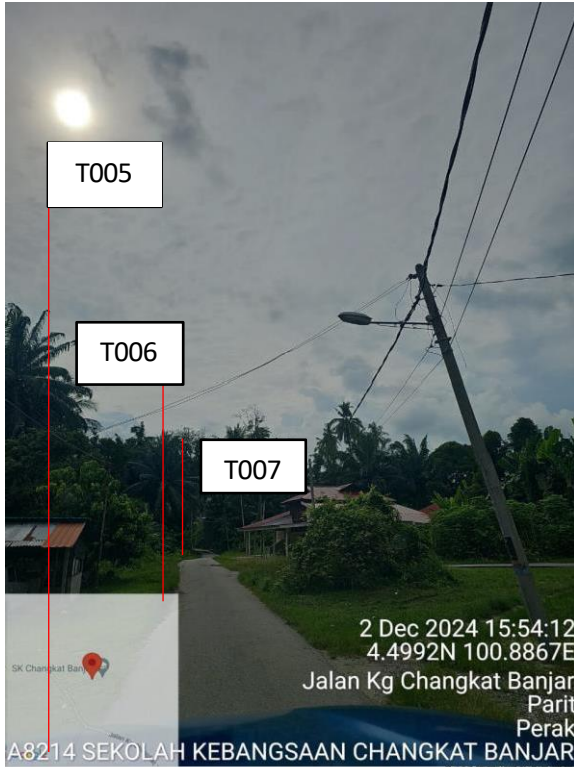
No.	Pole & Manhole ID	Distance (m)	Latitude	Longitude	Local Authority
50	T 050	15	4.491793391	100.885462223	Pej. Daerah & Tanah
51	T 051	16	4.491832053	100.885598288	Pej. Daerah & Tanah
52	T 052	12	4.491855274	100.885707439	Pej. Daerah & Tanah
53	T 053	10	4.491776174	100.885759059	Pej. Daerah & Tanah
54	T 054	13	4.491664675	100.885789902	Pej. Daerah & Tanah
55	T 055	13	4.491553529	100.885817684	Pej. Daerah & Tanah
56	T 056	13	4.491438042	100.885842837	Pej. Daerah & Tanah
57	T 057	16	4.491298091	100.885871535	Pej. Daerah & Tanah
58	T 058	14	4.491748504	100.885347680	Pej. Daerah & Tanah
59	T 059	14	4.491689145	100.885236643	Pej. Daerah & Tanah
60	T 060	14	4.491630604	100.885129572	Pej. Daerah & Tanah
61	T 061	14	4.491598508	100.885005158	Pej. Daerah & Tanah
62	T 062	15	4.491550707	100.884880737	Pej. Daerah & Tanah
63	T 063	12	4.491499178	100.884781730	Pej. Daerah & Tanah
64	T 064	11	4.491446409	100.884702343	Pej. Daerah & Tanah
65	T 065	17	4.492598773	100.885025411	Pej. Daerah & Tanah
66	T 066	17	4.492536555	100.884880940	Pej. Daerah & Tanah
67	T 067	19	4.492480953	100.884721148	Pej. Daerah & Tanah
68	T 068	21	4.492429757	100.884540259	Pej. Daerah & Tanah
69	T 069	26	4.498613299	100.884933406	Pej. Daerah & Tanah
70	T 070	23	4.498771875	100.884797495	Pej. Daerah & Tanah
71	T 071	22	4.498927416	100.884682150	Pej. Daerah & Tanah
72	T 072	20	4.499053390	100.884554900	Pej. Daerah & Tanah
73	T 073	23	4.499227276	100.884445401	Pej. Daerah & Tanah
74	T 074	34	4.499470723	100.884263649	Pej. Daerah & Tanah
75	T 075	26	4.499656669	100.884121108	Pej. Daerah & Tanah
76	T 076	24	4.499832976	100.883995151	Pej. Daerah & Tanah
77	T 077	26	4.500013773	100.883851959	Pej. Daerah & Tanah
78	T 078	20	4.500165606	100.883758763	Pej. Daerah & Tanah
79	T 079	21	4.500350901	100.883710433	Pej. Daerah & Tanah
80	T 080	24	4.500561656	100.883673793	Pej. Daerah & Tanah
81	T 081	15	4.500657910	100.883582846	Pej. Daerah & Tanah
82	T 082	17	4.500758998	100.883469383	Pej. Daerah & Tanah
83	T 083	25	4.500930760	100.883329571	Pej. Daerah & Tanah
84	T 084	21	4.499218934	100.884645857	Pej. Daerah & Tanah
85	T 085	20	4.499305507	100.884803573	Pej. Daerah & Tanah
86	T 086	23	4.499375854	100.885003098	Pej. Daerah & Tanah
87	T 087	20	4.499433004	100.885176098	Pej. Daerah & Tanah
88	T 088	21	4.499513350	100.885350985	Pej. Daerah & Tanah
89	T 089	17	4.499237447	100.887077921	Pej. Daerah & Tanah
90	T 090	23	4.499289886	100.887277608	Pej. Daerah & Tanah
91	T 091	19	4.499321996	100.887443466	Pej. Daerah & Tanah
92	T 092	17	4.499375830	100.887586990	Pej. Daerah & Tanah
93	T 093	24	4.499428823	100.887793599	Pej. Daerah & Tanah
94	T 094	21	4.499449762	100.887985613	Pej. Daerah & Tanah
95	T 095	19	4.499399042	100.888145858	Pej. Daerah & Tanah
96	T 096	18	4.499309828	100.888280127	Pej. Daerah & Tanah
97	T 097	17	4.499204459	100.888389506	Pej. Daerah & Tanah
98	T 098	20	4.499030686	100.888434914	Pej. Daerah & Tanah
99	T 099	30	4.498758784	100.888452783	Pej. Daerah & Tanah
100	T 100	25	4.499576704	100.887490996	Pej. Daerah & Tanah
101	T 101	27	4.499781076	100.887367312	Pej. Daerah & Tanah

No.	Pole & Manhole ID	Distance (m)	Latitude	Longitude	Local Authority
102	T 102	20	4.499873947	100.887214354	Pej. Daerah & Tanah
103	T 103	19	4.499819966	100.887049940	Pej. Daerah & Tanah
104	T 104	19	4.499753124	100.886887611	Pej. Daerah & Tanah
105	T 105	26	4.499615014	100.886701169	Pej. Daerah & Tanah
106	T 106	19	4.499502335	100.886573727	Pej. Daerah & Tanah
107	T 107	16	4.499398472	100.886472012	Pej. Daerah & Tanah
108	T 108	19	4.499412733	100.886297961	Pej. Daerah & Tanah
109	T 109	16	4.499436937	100.886159040	Pej. Daerah & Tanah
110	T 110	19	4.499515394	100.886007640	Pej. Daerah & Tanah

Site Photos – Proposed Pole 7.5m



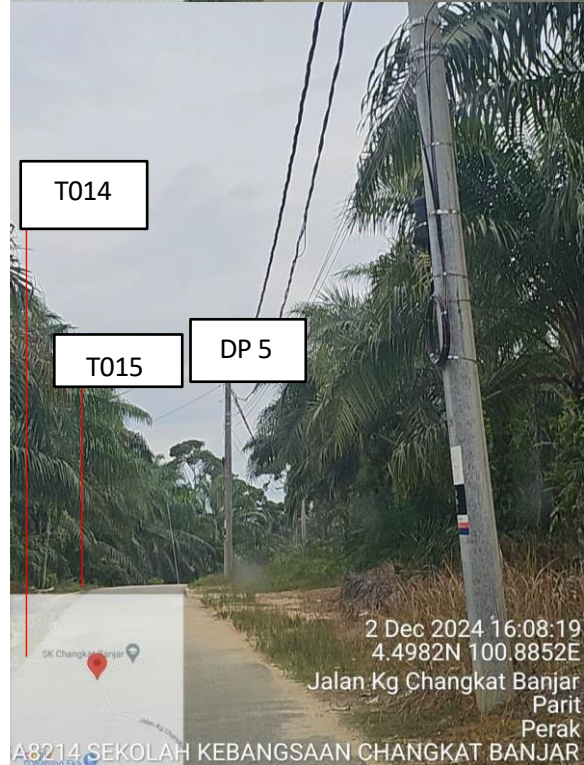
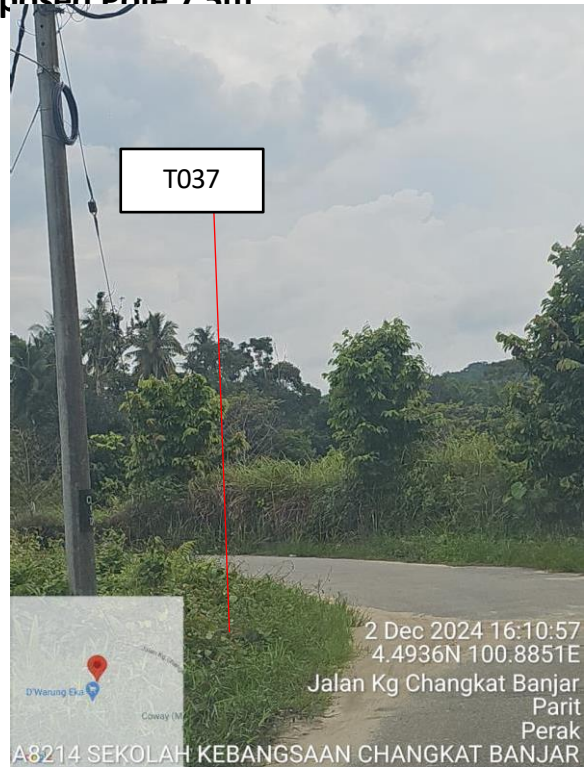
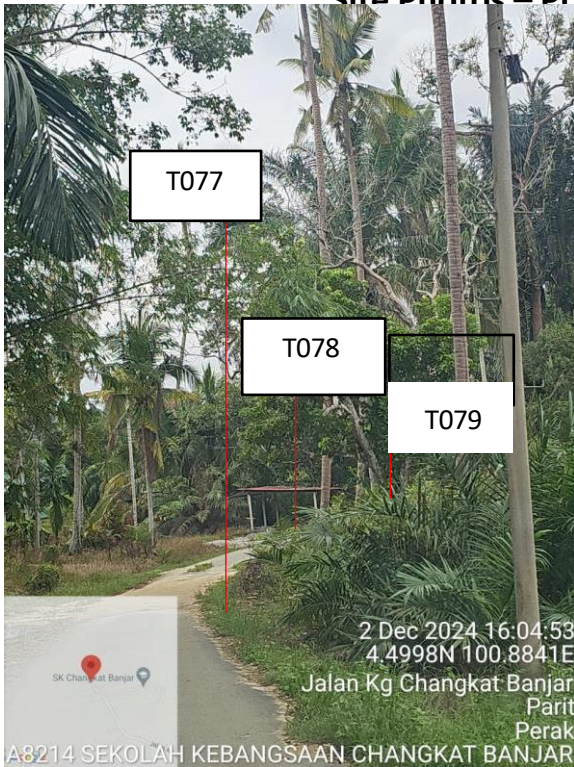
Site Photos – Proposed Pole 7.5m



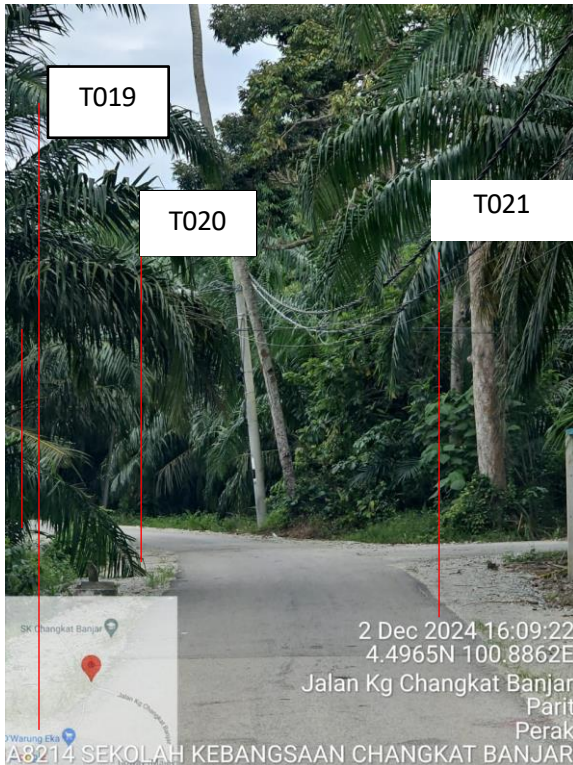
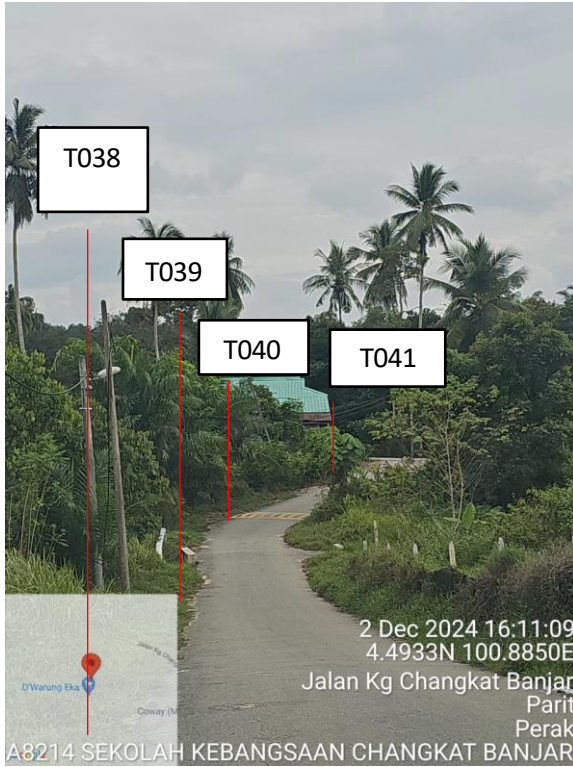
Site Photos – Proposed Pole 7.5m



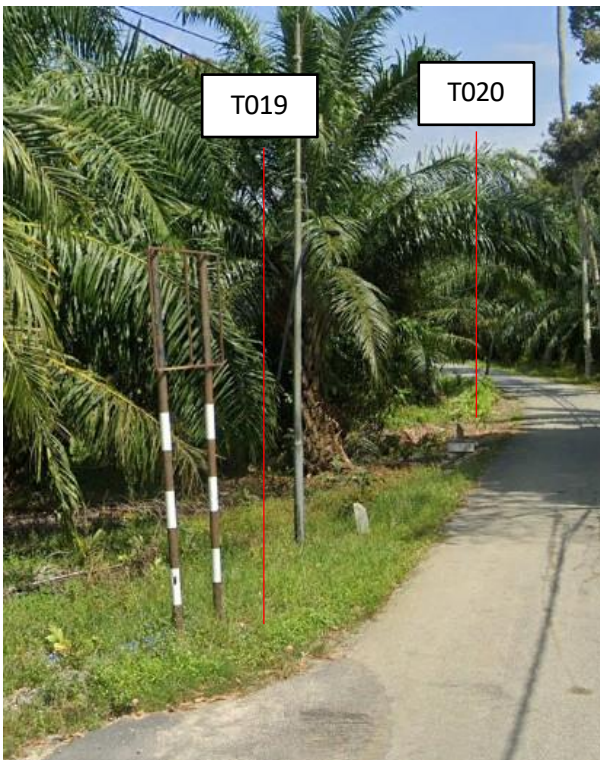
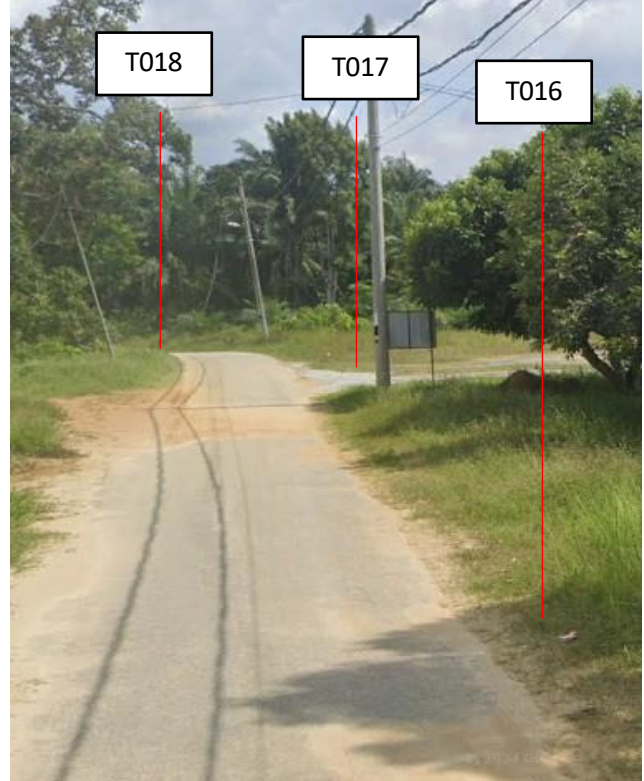
Site Photos – Proposed Pole 7.5m



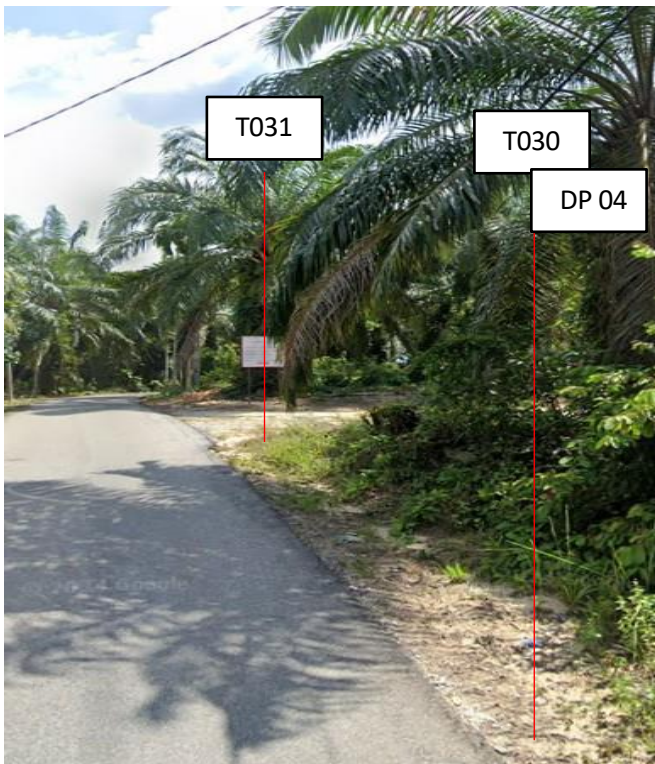
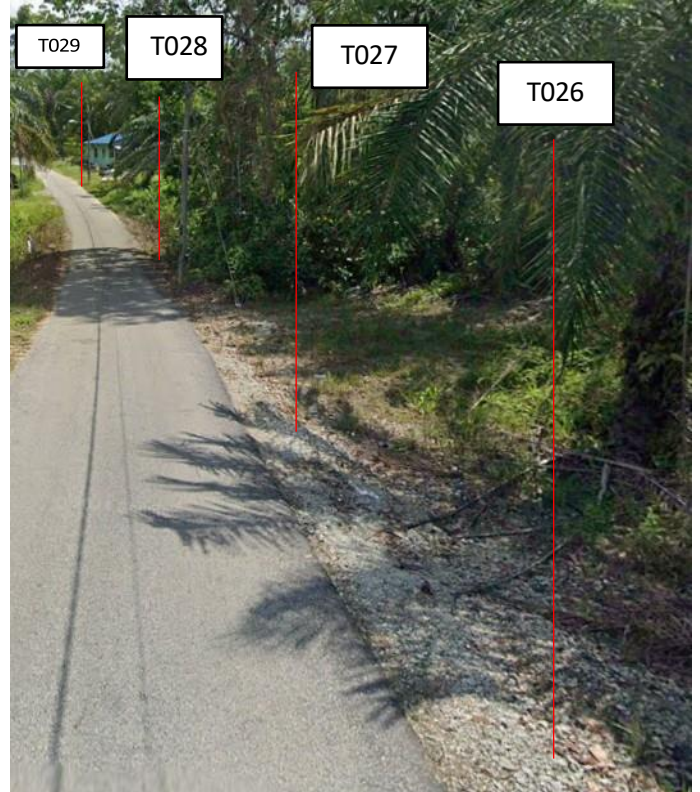
Site Photos – Proposed Pole 7.5m



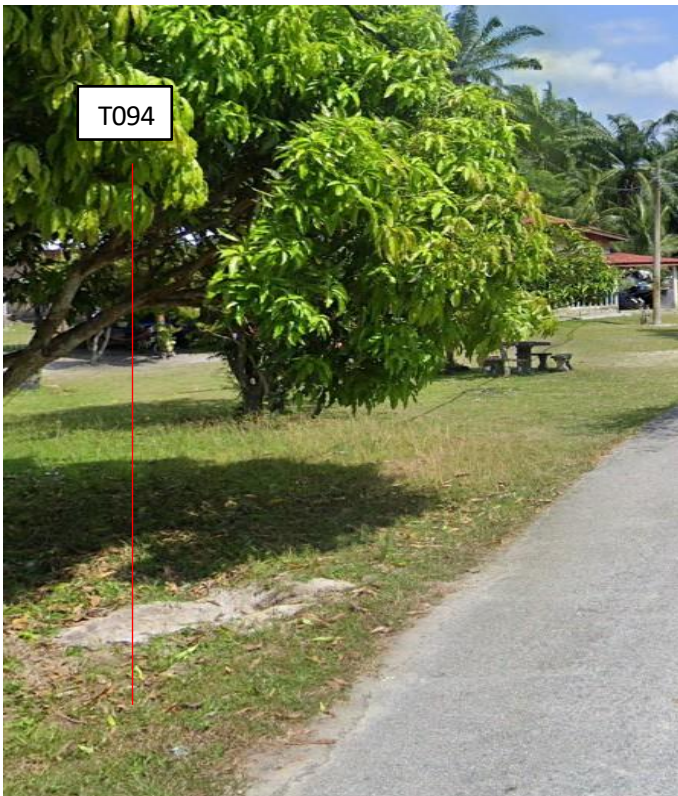
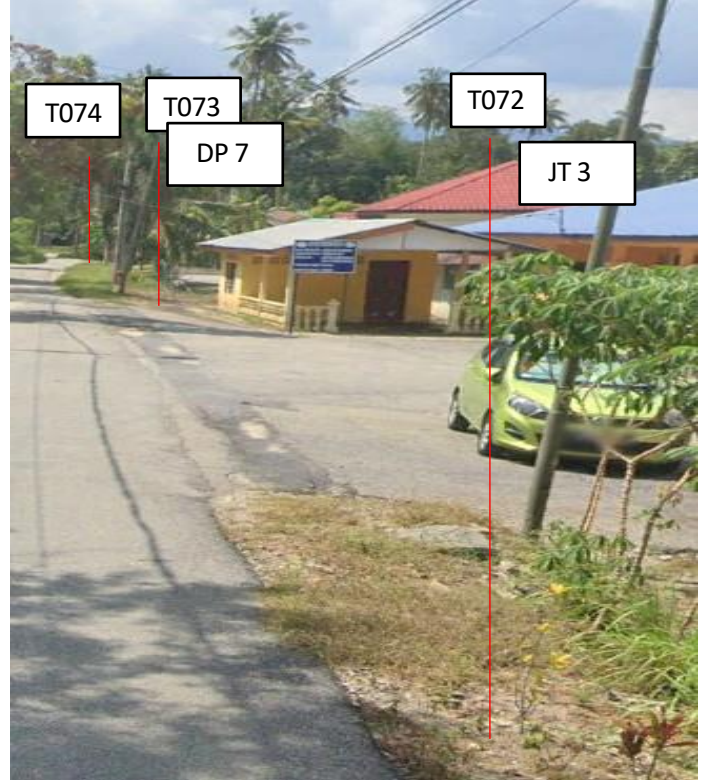
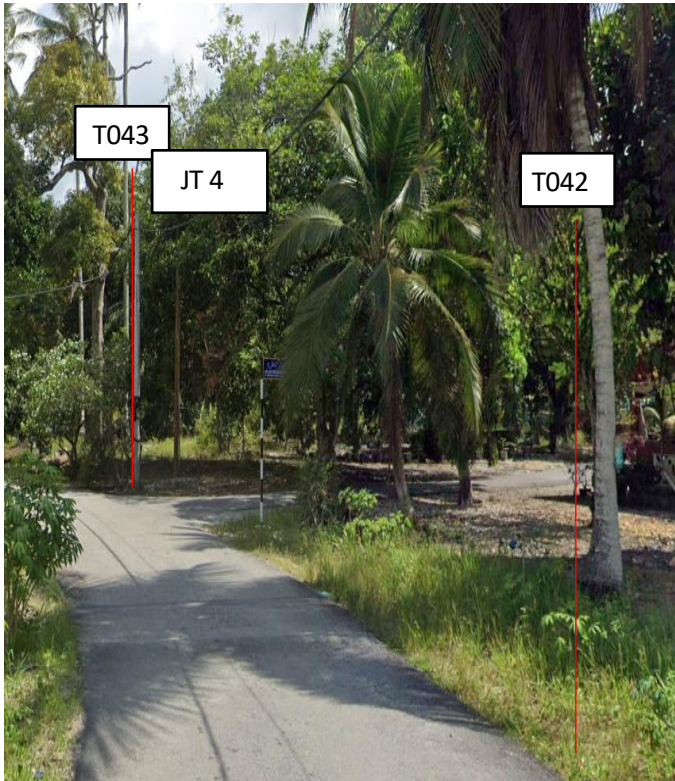
Site Photos – Proposed Pole 7.5m



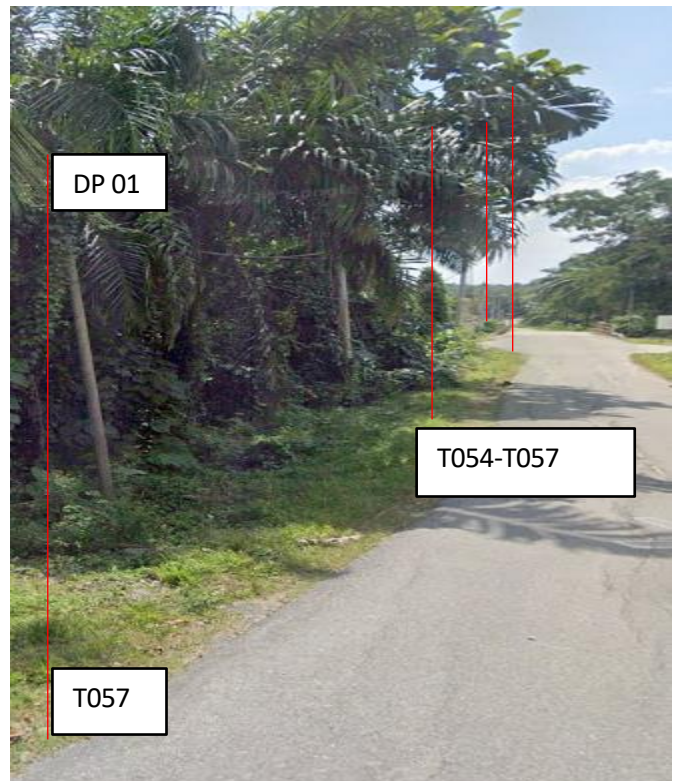
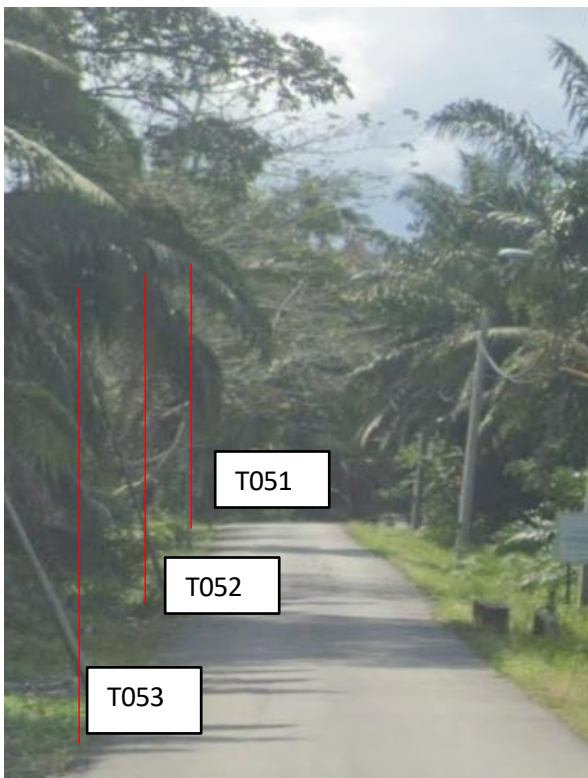
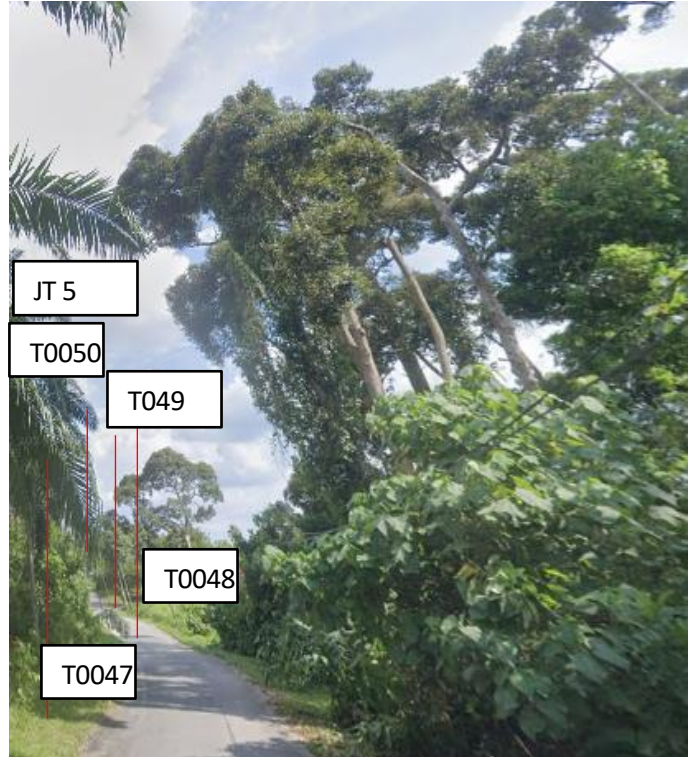
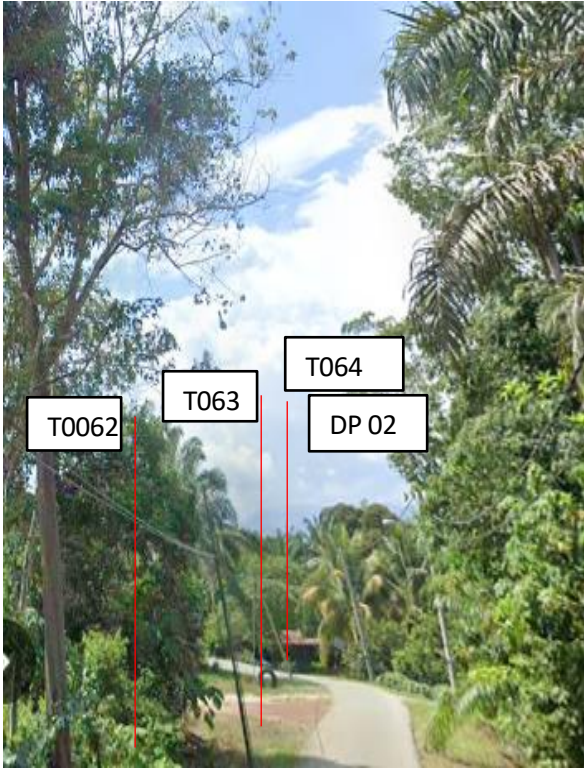
Site Photos – Proposed Pole 7.5m

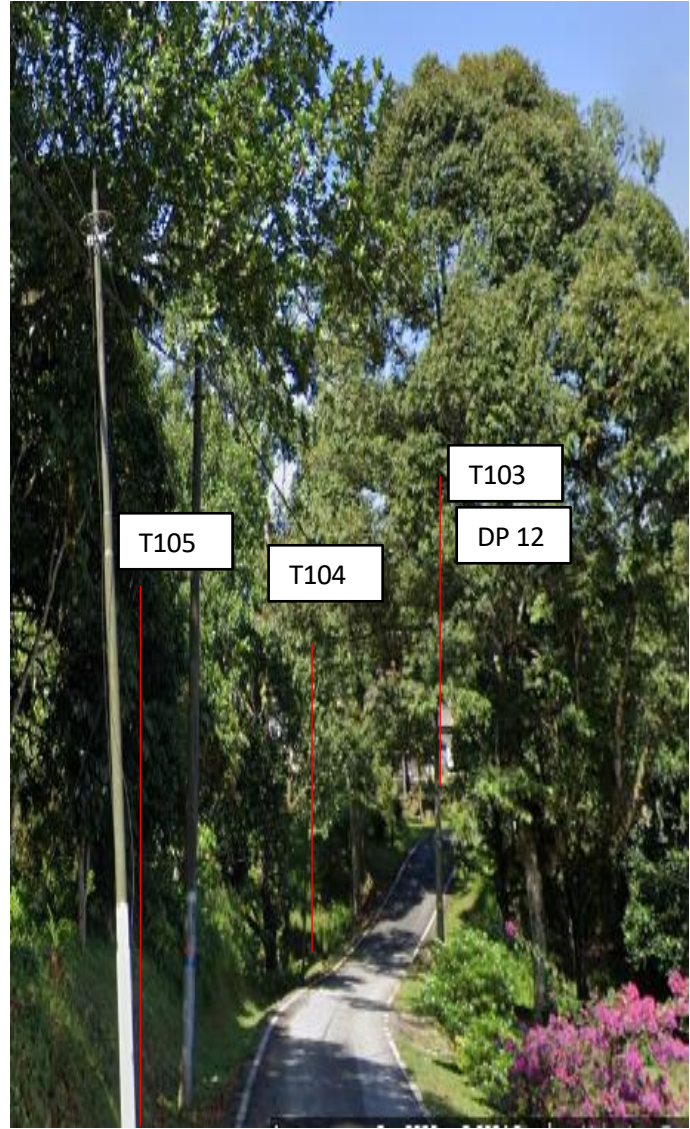
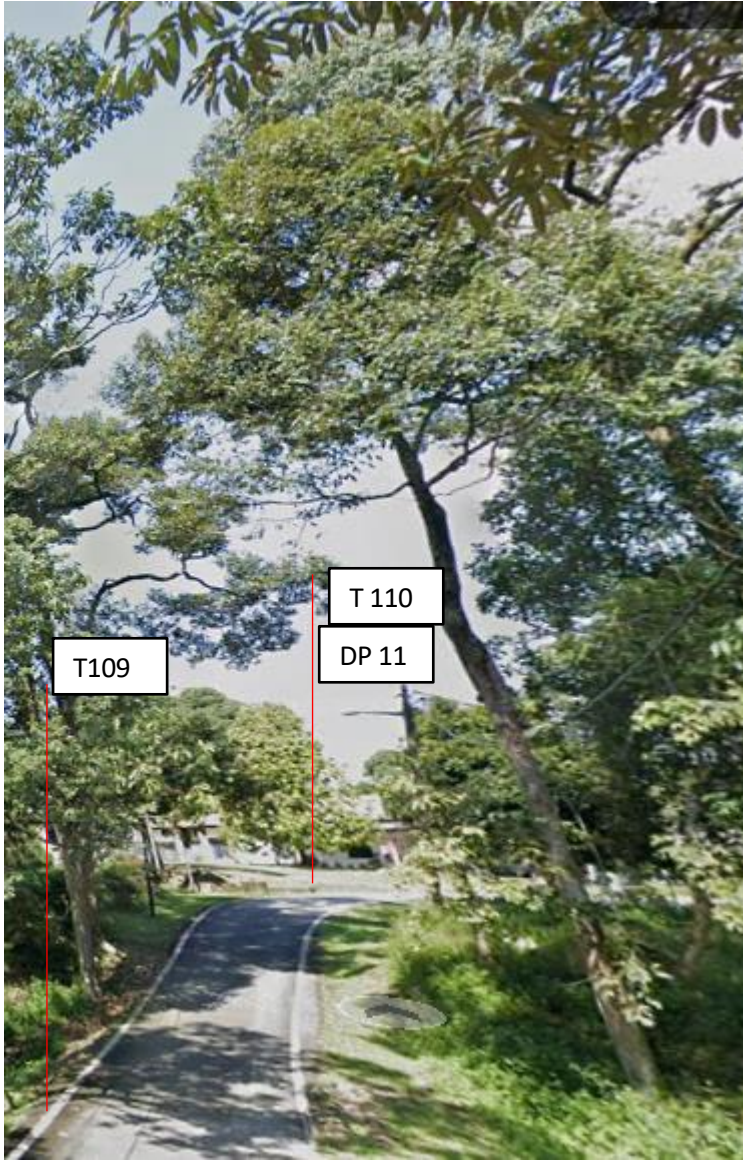


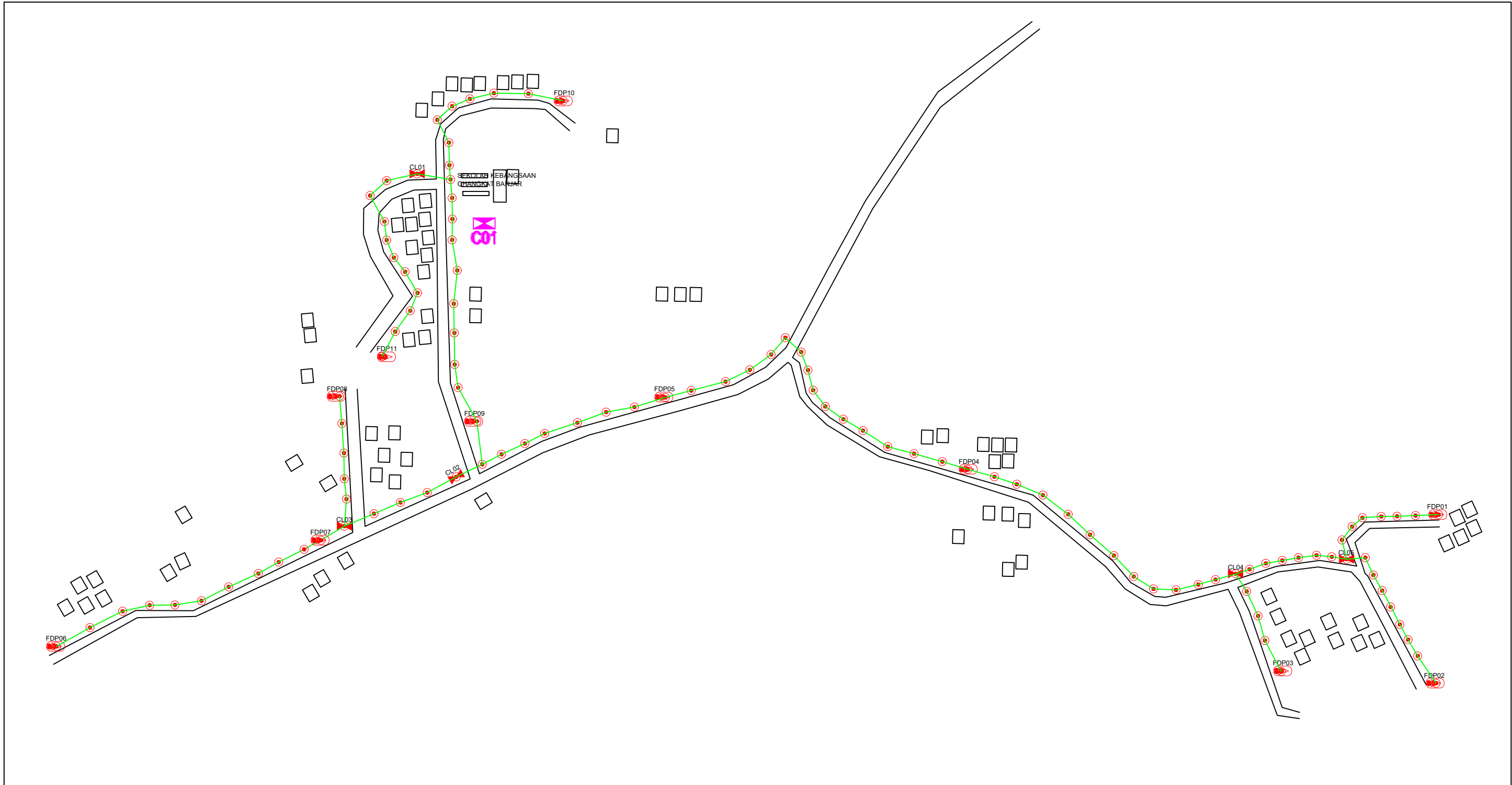
Site Photos – Proposed Pole 7.5m



Site Photos – Proposed Pole 7.5m







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

ACTUAL HOMEPASS :



PROJECT OWNER:
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SUB-CONTRACTOR:

PROJECT TITLE:
 DRAWING SEKOLAH KEBANGSAAN CHANGKAT BANJAR
 CONSTRUCTION FOR SURVEY TECHNICAL
 PROPOSAL AND WAYLEAVE AND PERMIT
 APPROVAL POP 2 PROJECT

DRAWING TITLE:
 DRAWING SEKOLAH KEBANGSAAN CHANGKAT BANJAR
 ASBUILD SITE PLANING DRAWING
 ABA 8214
 SEK KEBANGSAAN CHANGKAT BANJAR
 PROJECT PHASE:
 POP 2

Design By : (Contractor)	Date : 14-12-2024
Drawn By : (Contractor)	Scale :
Checked By :	Job Number :
DRAWING NUMBER : ABA 8214-01-CD	Sheet : 1 / 1
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