

TECHNICAL PROPOSAL ABA4036-SEKOLAH KEBANGSAAN JAWANG (D-SIDE)

Company Name	:	Aratimur Sdn. Bhd.
Company Address	:	A-08-13, 8 th Floor, Block A, Radia Office, Persiaran Singgahsana, 40150 Bukit Jelutong, Shah Alam, Selangor.
Prepared By	:	Muhammad Danieal Adikha Bin Zaidi
Date	:	15/01/2025



POINT A

POINT B

Starting Point

Site / Boundary Name	:	Sekolah Kebangsaan Jawang
Address	:	31050 Salak Utara, Perak
District	:	Kuala Kangsar
Postcode	:	31050
State	:	Perak
GPS Coordinate	:	4.882407, 100.981900
LRD	:	A

End Point

Site / Boundary Name	:	Kampung Pasir Kandang
Address	:	31050 Salak Utar Perak
District	:	Kuala Kangsar
Postcode	:	310500
State	:	Perak
GPS Coordinate	:	4.892903, 100.975627
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 of Short Span ADSS Fibre Cables	m	2475
2	Proposed Pole	ea	73
3	Proposed Manhole	ea	-
4	Proposed GI Riser 50mm	ea	1
5	Proposed Fiber Distribution Point	ea	11
6	Proposed Joint Closure	ea	2
7	Estimated time required for completion	days	30

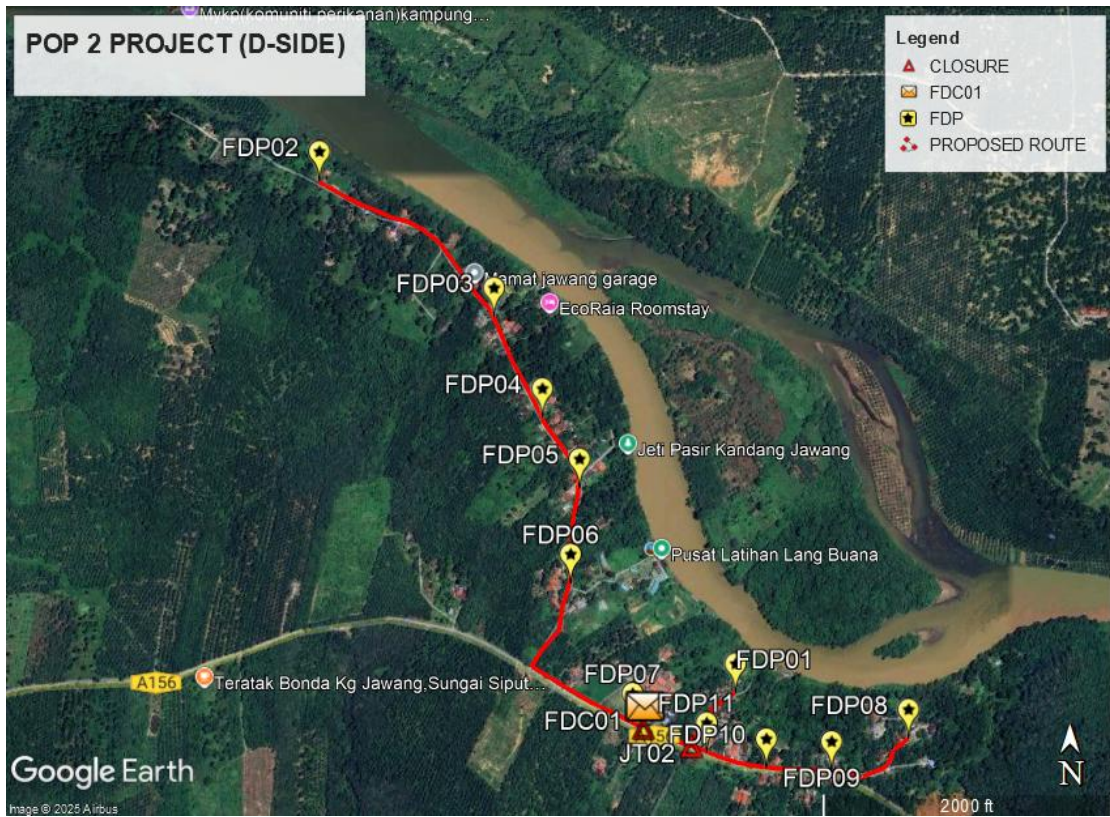
Local Authority Summary

1. Daerah Kuala Muda

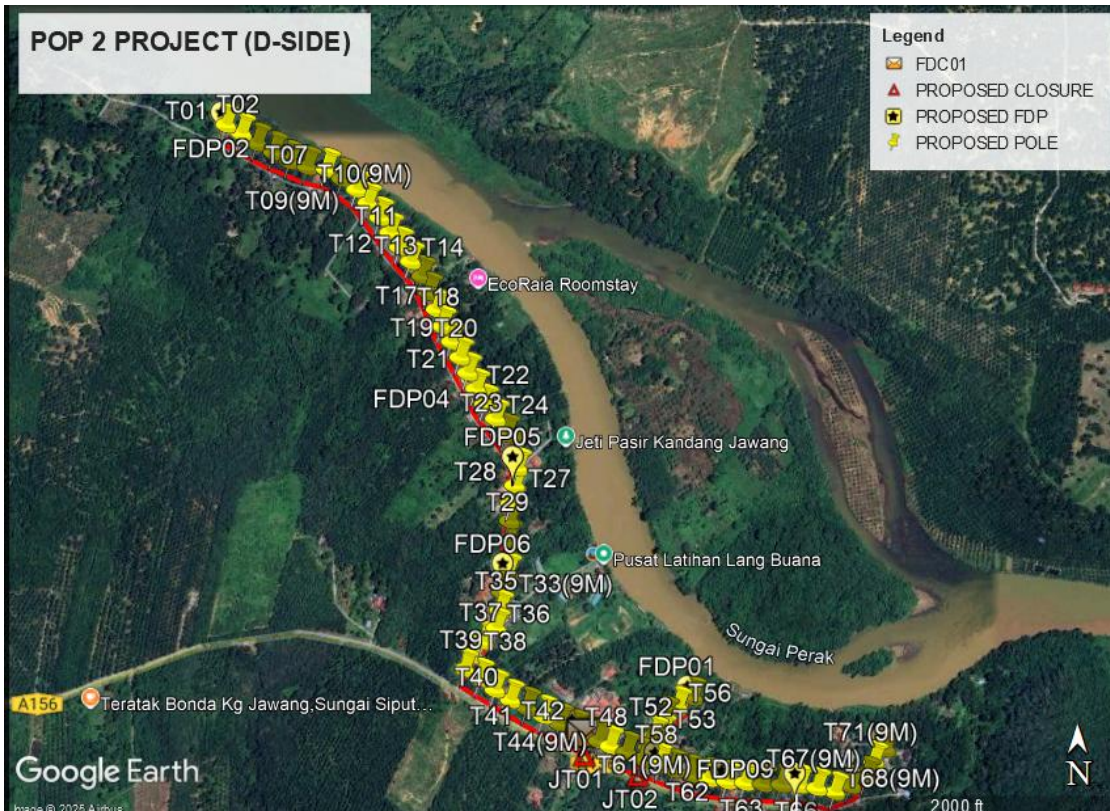
Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	23pcs	665m
		Majlis	50pcs	1810m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				2475m

Site Plan – KMZ (Overview site area)

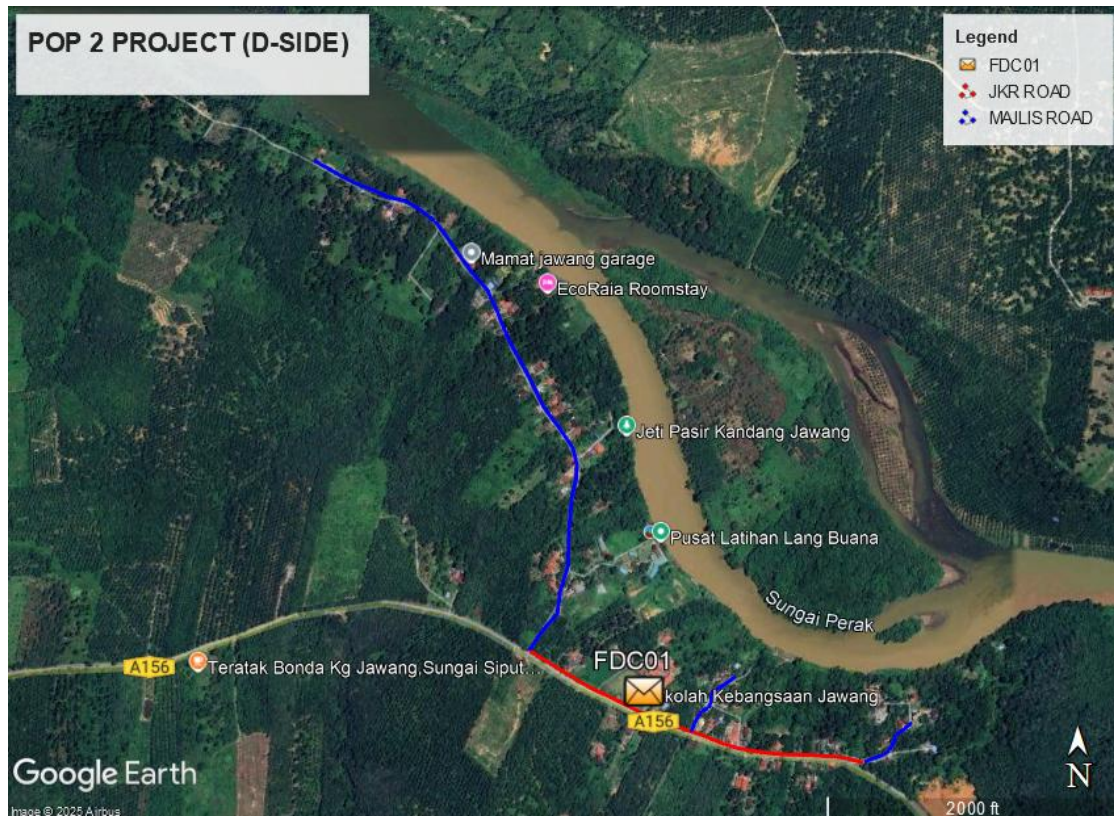
Proposed FDP & Closure



Proposed New Pole



Site Plan – KMZ Routing (All Local Authority)

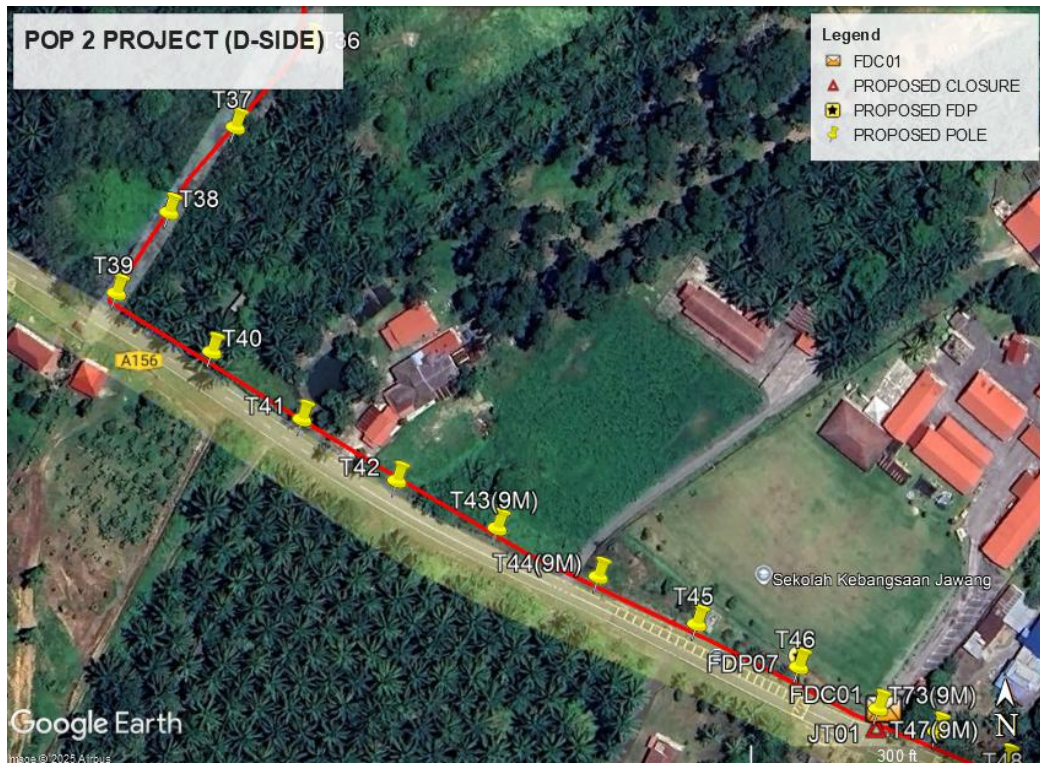
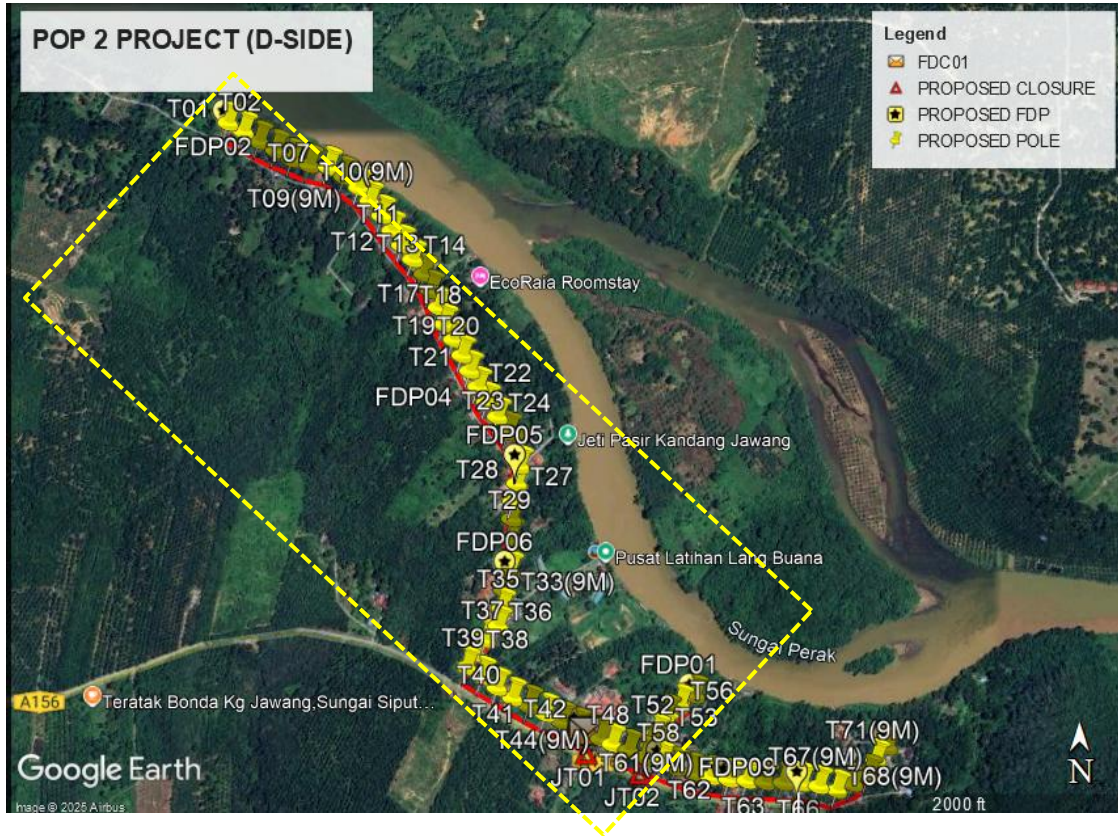


Blue Colour – Majlis Perbandaran Kuala Kangsar

Red Colour – JKR Kuala Kangsar

Site Plan – KMZ Routing (All site area)

Route 1



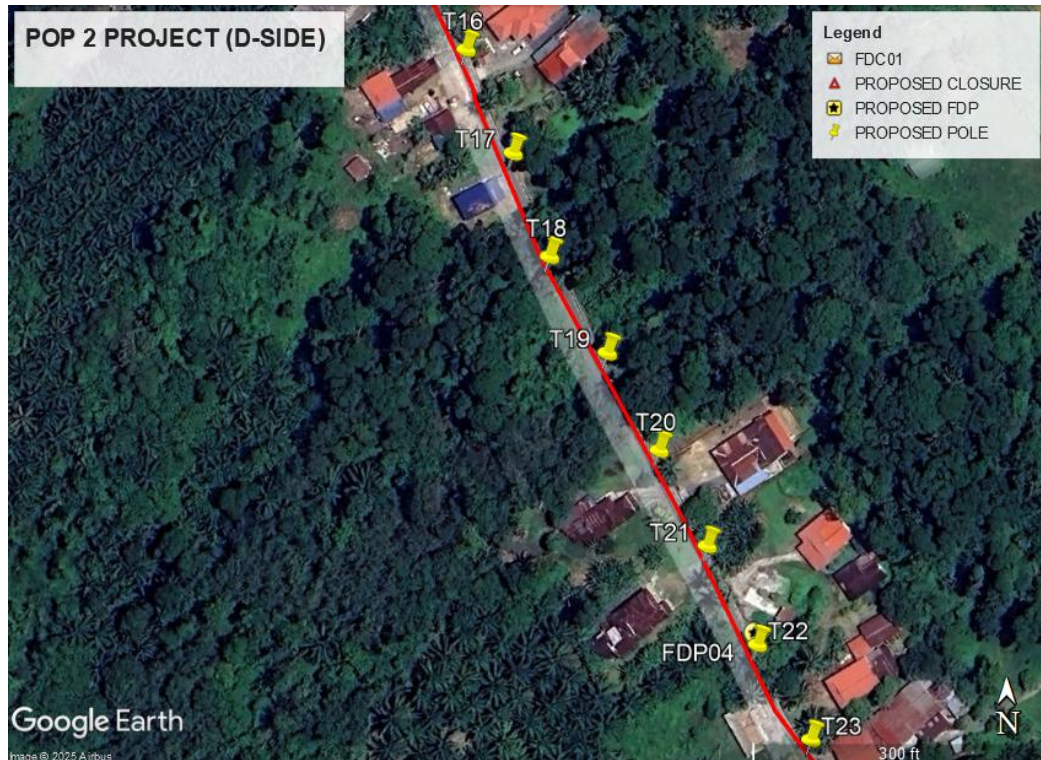
Route 1.1



Route 1.2



Route 1.3



Route 1.4



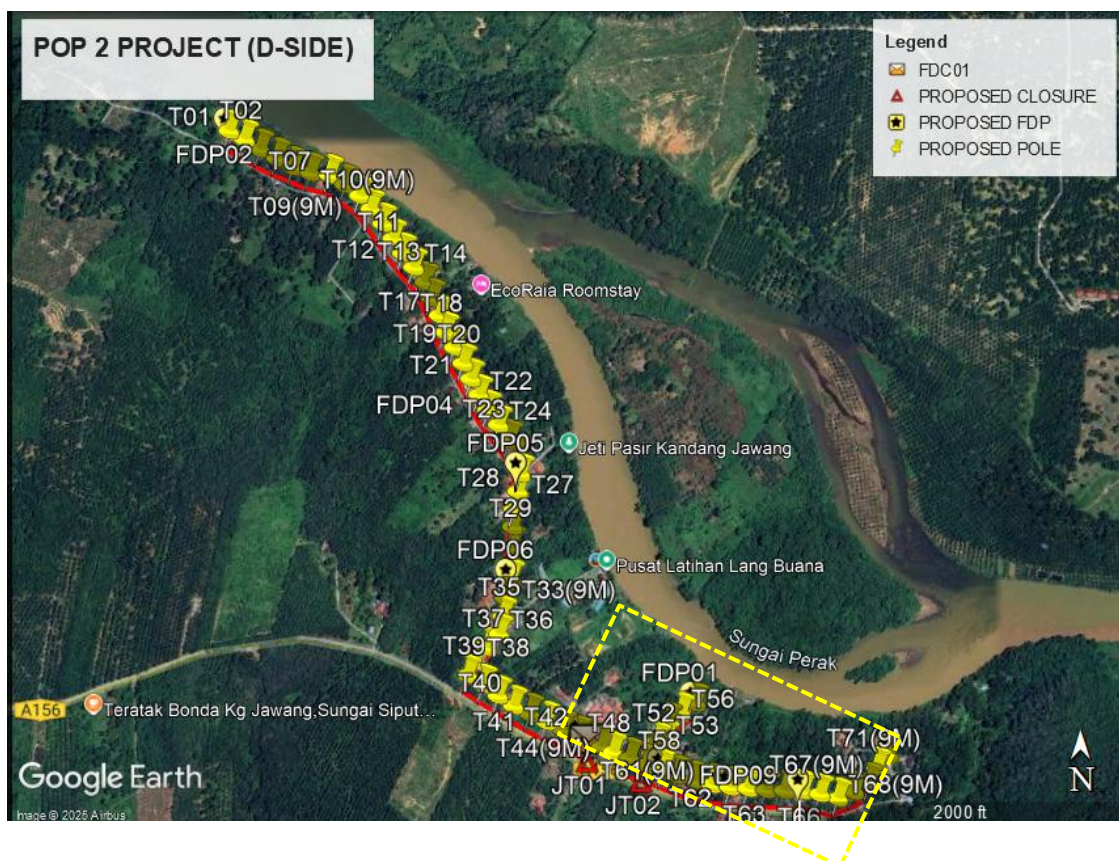
Route 1.5

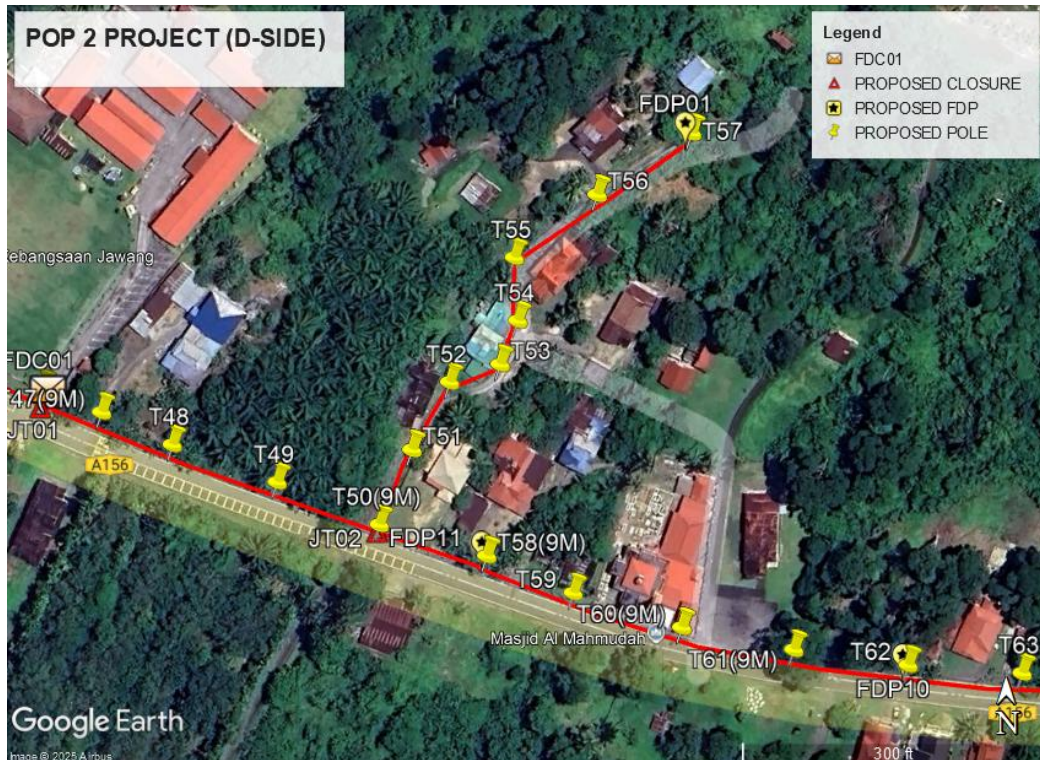


Route 1.6

Site Plan – KMZ Routing (All site area)

Route 2



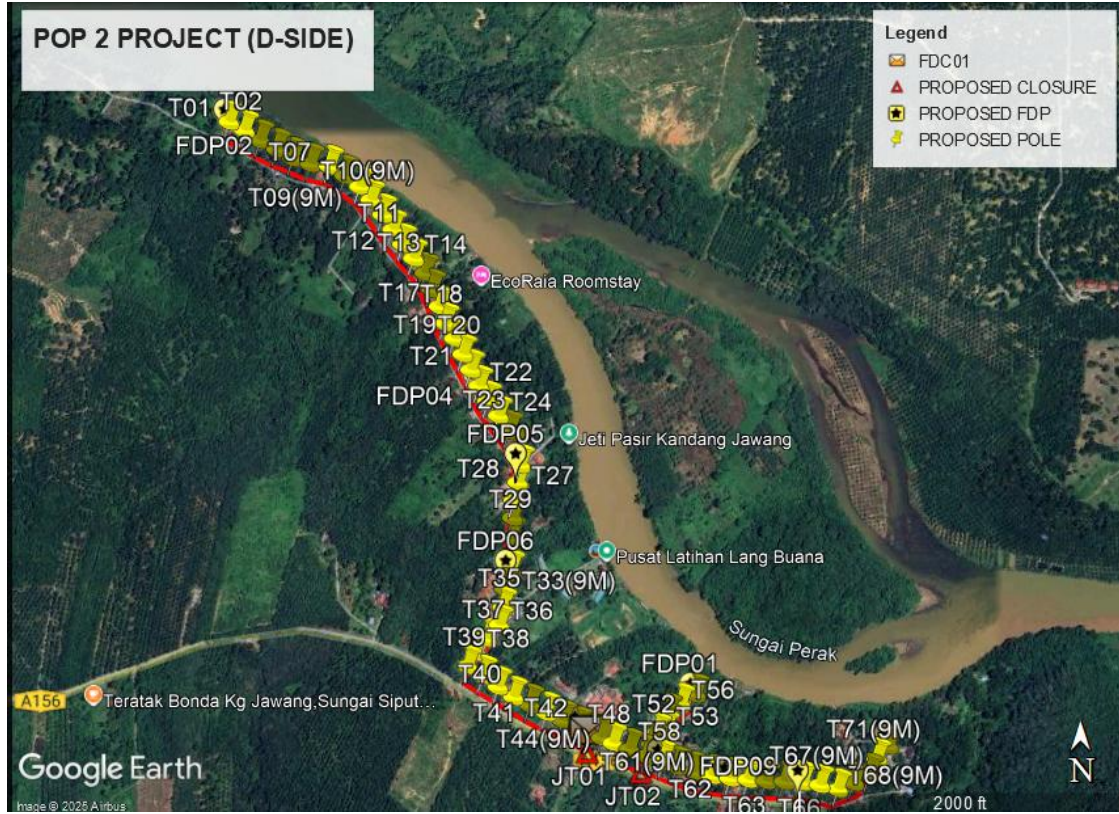


Route 2.1



Route 2.2

Site Plan – KMZ Routing (Proposed New Pole)



Overall Pole (Proposed New)

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	FDC	35	4.882407	100.981900	JKR Kuala Kangsar
2	T001	35	4.892903	100.975627	Majlis Perbandaran Kuala Kangsar
3	T002	35	4.892755	100.975891	Majlis Perbandaran Kuala Kangsar
4	T003	35	4.892584	100.976159	Majlis Perbandaran Kuala Kangsar
5	T004	35	4.892432	100.976446	Majlis Perbandaran Kuala Kangsar
6	T005	35	4.892279	100.976723	Majlis Perbandaran Kuala Kangsar
7	T006	35	4.892179	100.977026	Majlis Perbandaran Kuala Kangsar
8	T007	35	4.892143	100.977353	Majlis Perbandaran Kuala Kangsar
9	T008	35	4.891973	100.977623	Majlis Perbandaran Kuala Kangsar
10	T009(9M)	35	4.891785	100.977879	Majlis Perbandaran Kuala Kangsar
11	T010(9M)	35	4.891554	100.978071	Majlis Perbandaran Kuala Kangsar
12	T011	35	4.891308	100.978272	Majlis Perbandaran Kuala Kangsar
13	T012	35	4.891051	100.978444	Majlis Perbandaran Kuala Kangsar
14	T013	35	4.890803	100.978611	Majlis Perbandaran Kuala Kangsar
15	T014	35	4.890562	100.978800	Majlis Perbandaran Kuala Kangsar
16	T015	35	4.890307	100.978997	Majlis Perbandaran Kuala Kangsar
17	T016	35	4.890023	100.979114	Majlis Perbandaran Kuala Kangsar
18	T017	35	4.889735	100.979244	Majlis Perbandaran Kuala Kangsar
19	T018	35	4.889450	100.979345	Majlis Perbandaran Kuala Kangsar
20	T019	35	4.889186	100.979504	Majlis Perbandaran Kuala Kangsar
21	T020	35	4.888917	100.979649	Majlis Perbandaran Kuala Kangsar
22	T021	35	4.888651	100.979784	Majlis Perbandaran Kuala Kangsar
23	T022	35	4.888376	100.979924	Majlis Perbandaran Kuala Kangsar
24	T023	35	4.888111	100.980075	Majlis Perbandaran Kuala Kangsar
24	T024	35	4.887866	100.980259	Majlis Perbandaran Kuala Kangsar
26	T025	35	4.887603	100.980442	Majlis Perbandaran Kuala Kangsar
27	T026	35	4.887325	100.980584	Majlis Perbandaran Kuala Kangsar
28	T027	35	4.887026	100.980639	Majlis Perbandaran Kuala Kangsar
29	T028	35	4.886724	100.980593	Majlis Perbandaran Kuala Kangsar
30	T029	35	4.886413	100.980526	Majlis Perbandaran Kuala Kangsar
31	T030	35	4.886117	100.980502	Majlis Perbandaran Kuala Kangsar
32	T031	35	4.885806	100.980478	Majlis Perbandaran Kuala Kangsar

Overall Pole (Proposed New)

33	T032	35	4.885503	100.980473	Majlis Perbandaran Kuala Kangsar
34	T033(9M)	35	4.885225	100.980472	Majlis Perbandaran Kuala Kangsar
35	T034(9M)	35	4.884900	100.980365	Majlis Perbandaran Kuala Kangsar
36	T035	35	4.884589	100.980336	Majlis Perbandaran Kuala Kangsar
37	T036	35	4.884287	100.980275	Majlis Perbandaran Kuala Kangsar
38	T037	35	4.884050	100.980064	Majlis Perbandaran Kuala Kangsar
39	T038	35	4.883812	100.979876	Majlis Perbandaran Kuala Kangsar
40	T039	35	4.883584	100.979731	JKR Kuala Kangsar
41	T040	35	4.883419	100.979998	JKR Kuala Kangsar
42	T041	35	4.883230	100.980253	JKR Kuala Kangsar
43	T042	35	4.883059	100.980521	JKR Kuala Kangsar
44	T043(9M)	35	4.882927	100.980803	JKR Kuala Kangsar
45	T044(9M)	35	4.882793	100.981085	JKR Kuala Kangsar
46	T045	35	4.882658	100.981362	JKR Kuala Kangsar
47	T046	35	4.882535	100.981651	JKR Kuala Kangsar
48	T047(9M)	35	4.882373	100.981997	JKR Kuala Kangsar
49	T048	35	4.882270	100.982228	JKR Kuala Kangsar
50	T049	35	4.882168	100.982514	JKR Kuala Kangsar
51	T050(9M)	35	4.882052	100.982794	JKR Kuala Kangsar
52	T051	35	4.882256	100.982883	Majlis Perbandaran Kuala Kangsar
53	T052	35	4.882440	100.982986	Majlis Perbandaran Kuala Kangsar
54	T053	35	4.882488	100.983124	Majlis Perbandaran Kuala Kangsar
55	T054	35	4.882607	100.983172	Majlis Perbandaran Kuala Kangsar
56	T055	35	4.882778	100.983163	Majlis Perbandaran Kuala Kangsar
57	T056	35	4.882946	100.983388	JKR Kuala Kangsar
58	T057	35	4.883112	100.983643	JKR Kuala Kangsar
59	T058(9M)	35	4.881967	100.983087	JKR Kuala Kangsar
60	T059	35	4.881867	100.983323	JKR Kuala Kangsar
61	T060(9M)	35	4.881773	100.983620	JKR Kuala Kangsar
62	T061(9M)	35	4.881715	100.983923	JKR Kuala Kangsar
63	T062	35	4.881674	100.984232	JKR Kuala Kangsar
64	T063	35	4.881653	100.984542	JKR Kuala Kangsar
65	T064	35	4.881629	100.984852	JKR Kuala Kangsar

Overall Pole (Proposed New)

66	T065	35	4.881619	100.985164	JKR Kuala Kangsar
67	T066	35	4.881614	100.985480	Majlis Perbandaran Kuala Kangsar
68	T067(9M)	35	4.881566	100.985771	Majlis Perbandaran Kuala Kangsar
69	T068(9M)	35	4.881492	100.986077	Majlis Perbandaran Kuala Kangsar
70	T069(9M)	35	4.881599	100.986358	Majlis Perbandaran Kuala Kangsar
71	T070(9M)	35	4.881736	100.986624	Majlis Perbandaran Kuala Kangsar
72	T071(9M)	35	4.882007	100.986758	Majlis Perbandaran Kuala Kangsar
73	T072(9M)	35	4.882218	100.986957	Majlis Perbandaran Kuala Kangsar
74	T073(9M)	15	4.882421	100.981871	JKR Kuala Kangsar

Bll	Type	7.5m	9.0m	Total
1	No. of Pole	55	18	73

Site Photos – Proposed to install pole



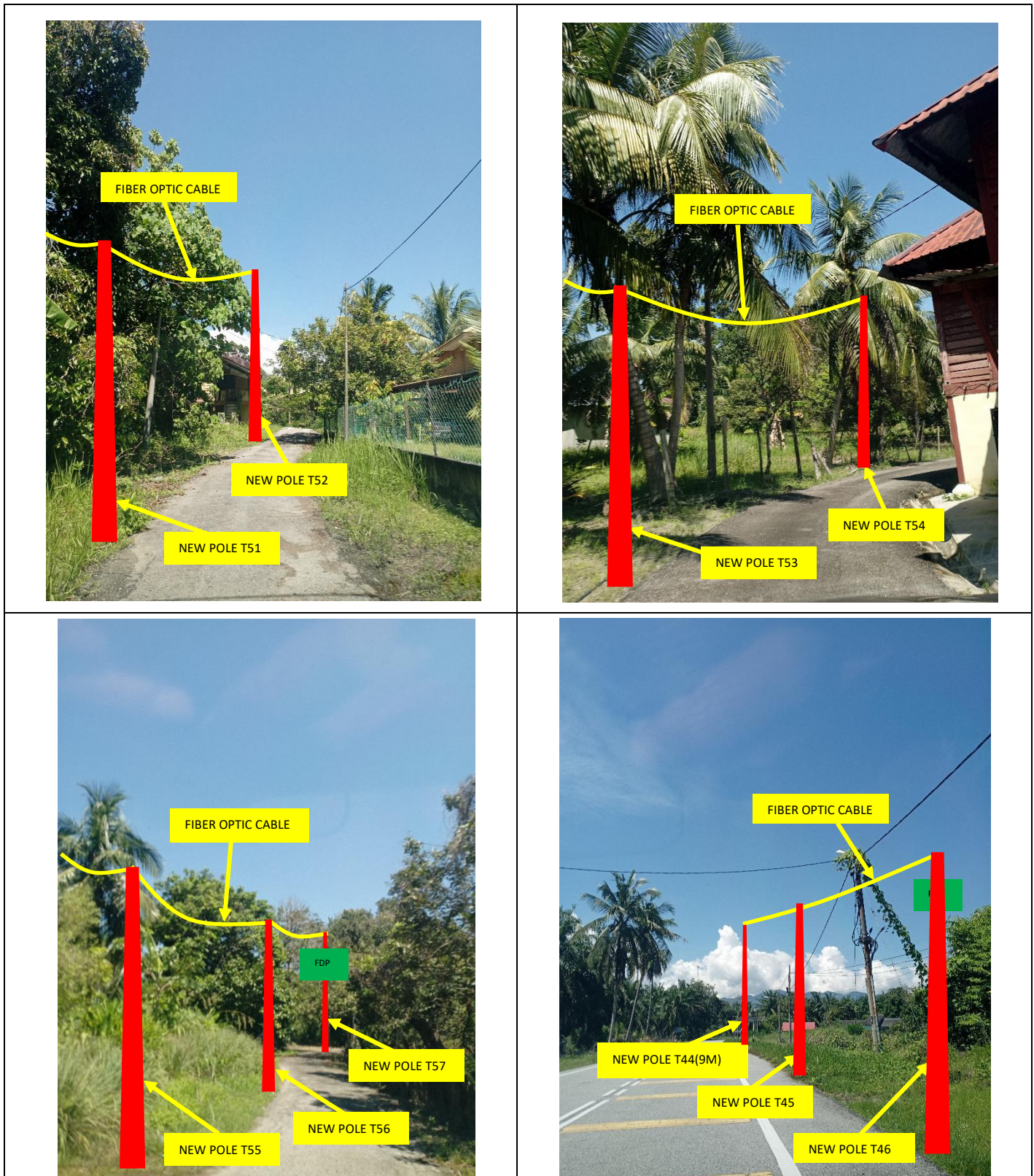
Site Photos – Proposed to install pole



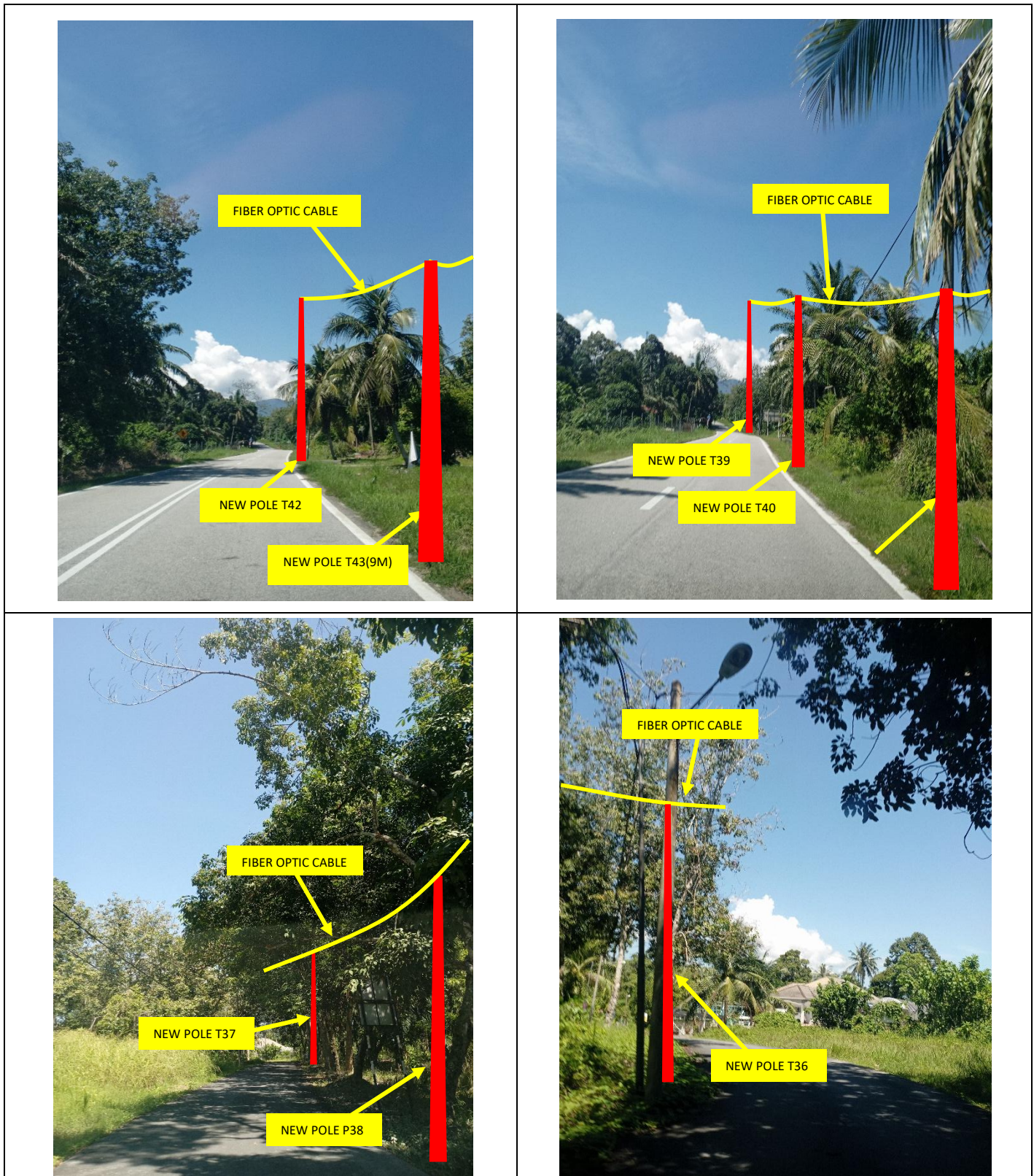
Site Photos – Proposed to install pole



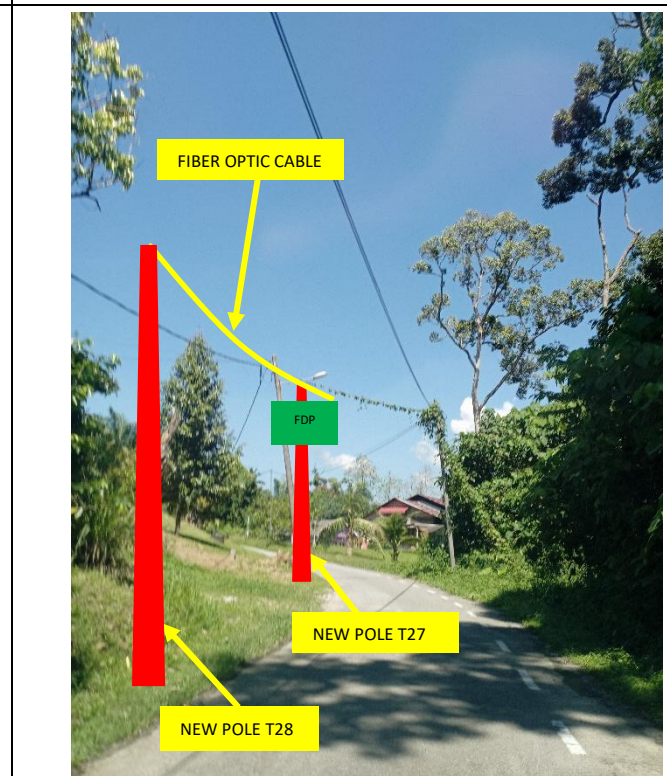
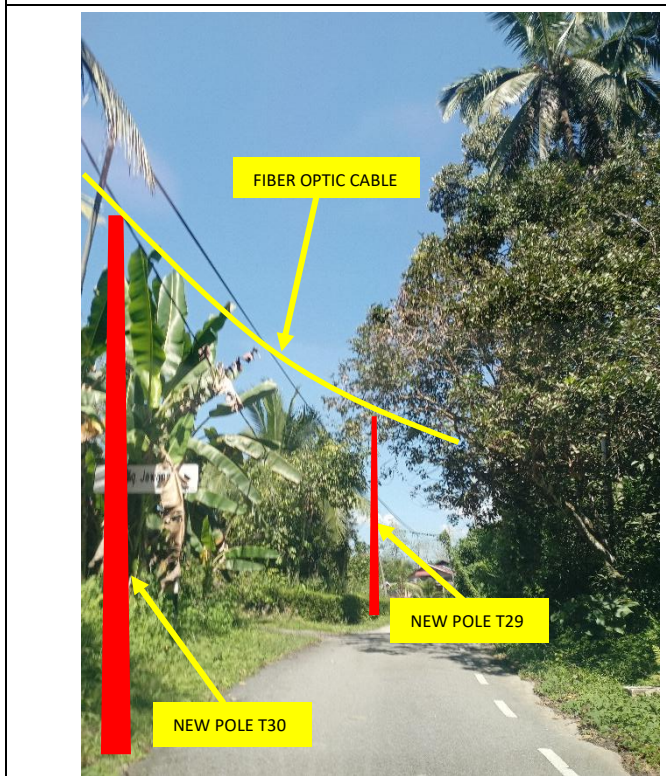
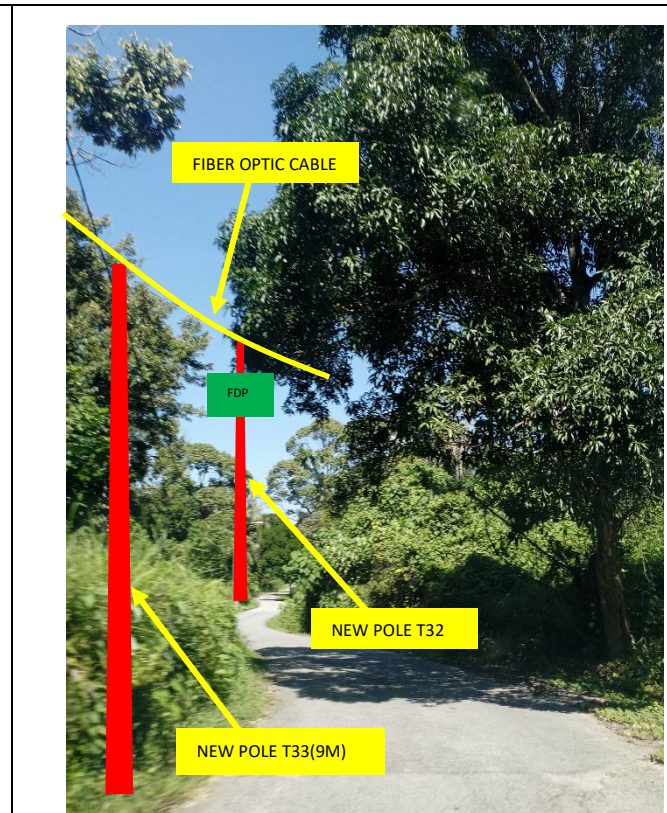
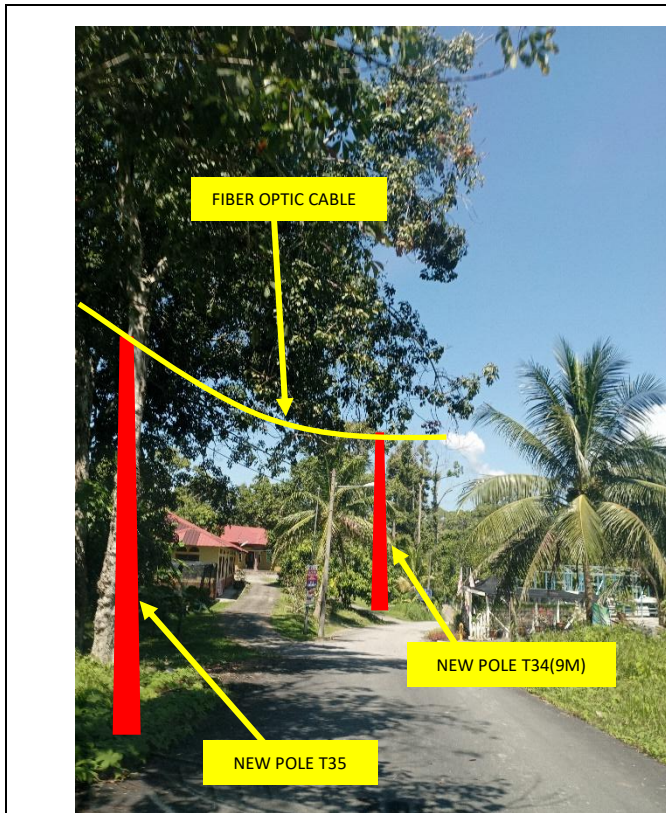
Site Photos – Proposed to install pole



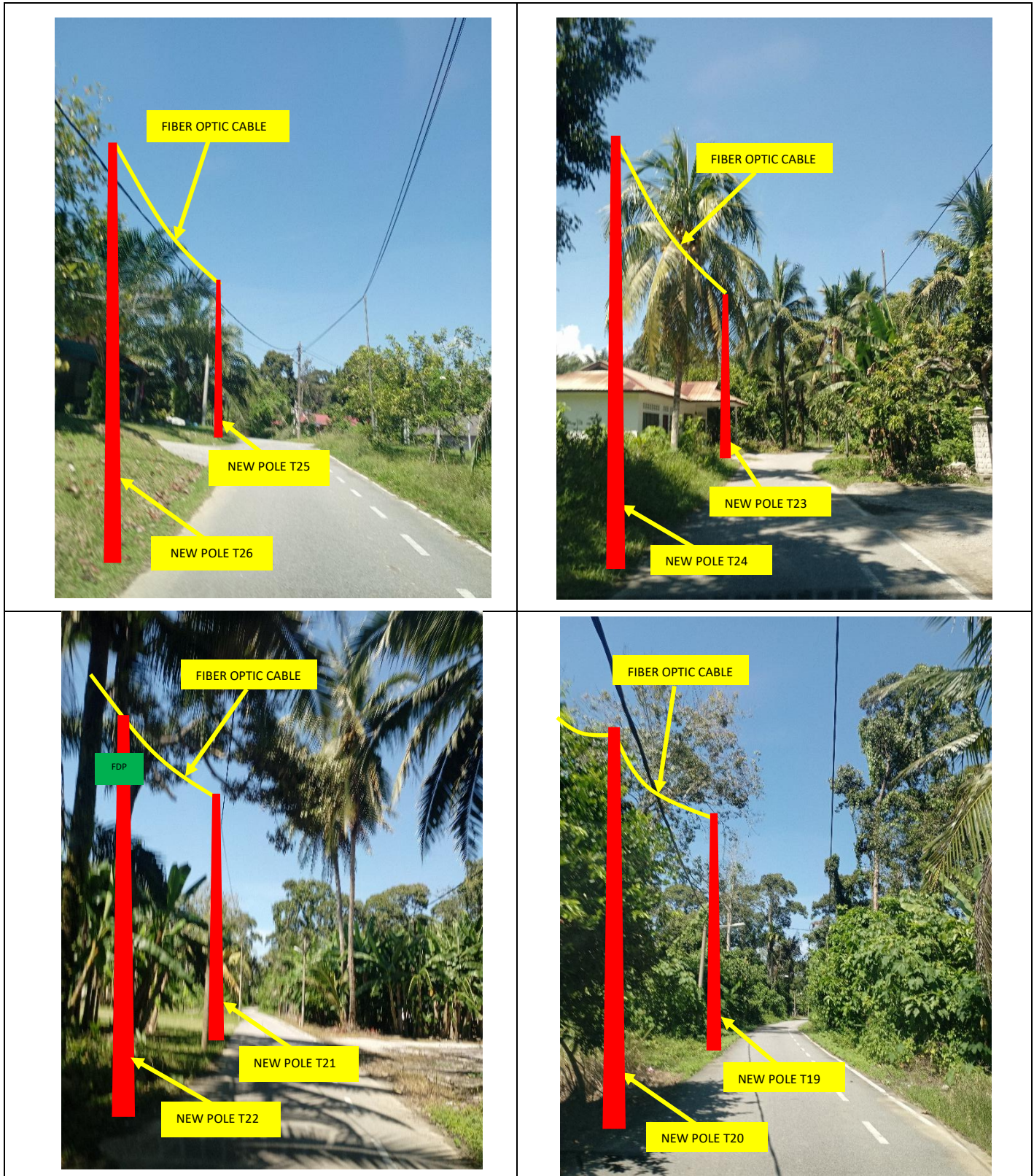
Site Photos – Proposed to install pole



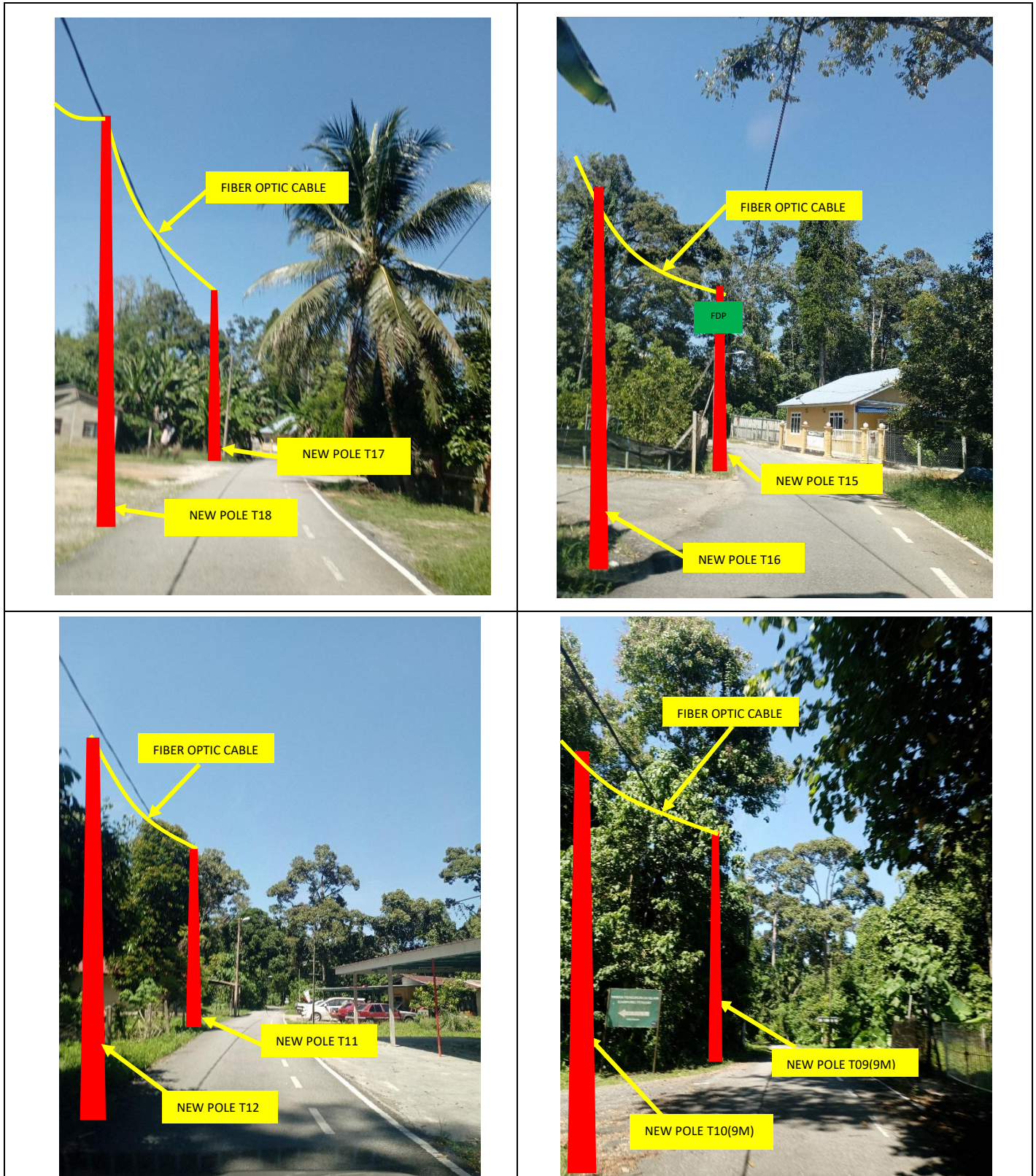
Site Photos – Proposed to install pole

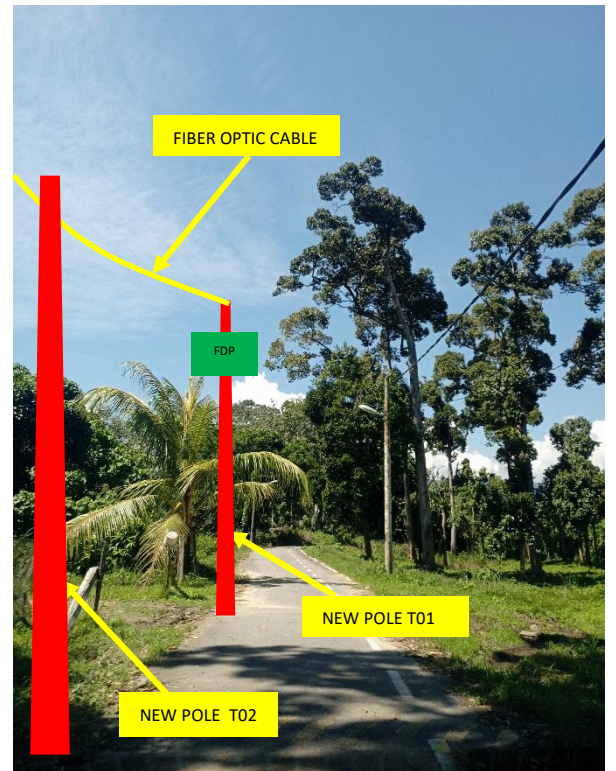
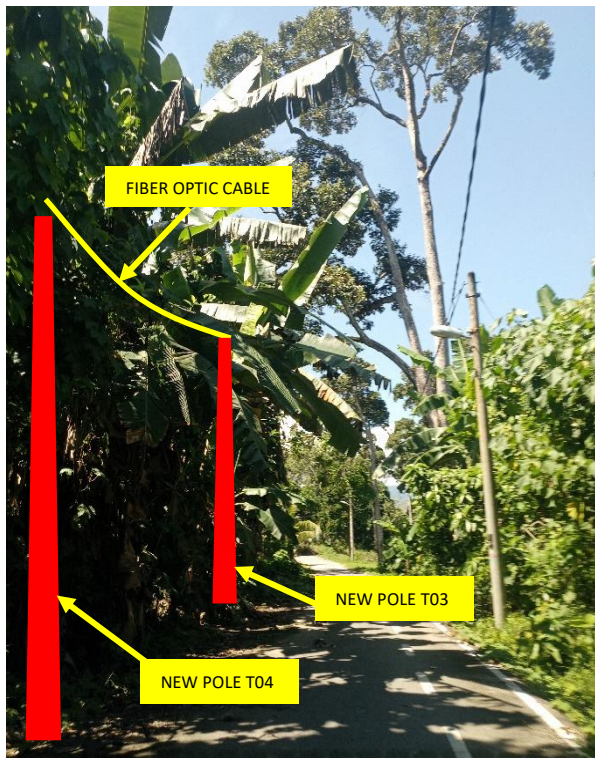
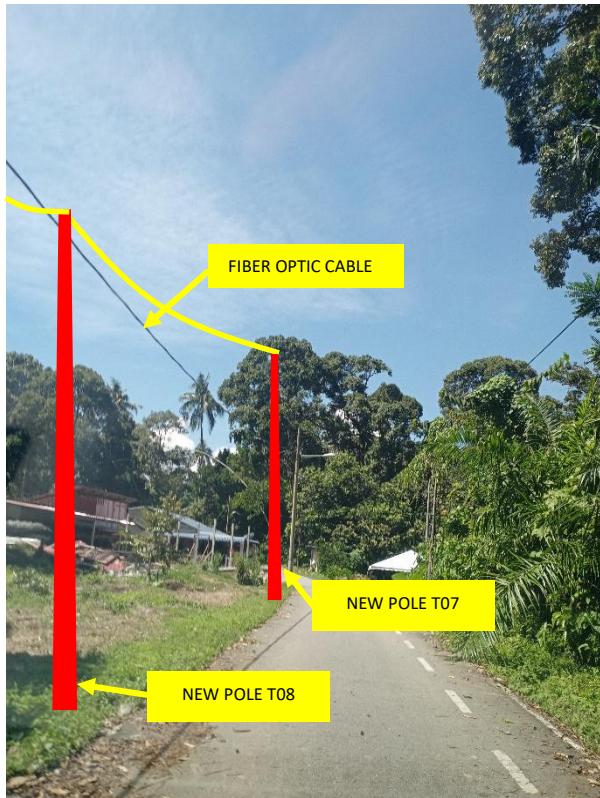


Site Photos – Proposed to install pole



Site Photos – Proposed to install pole

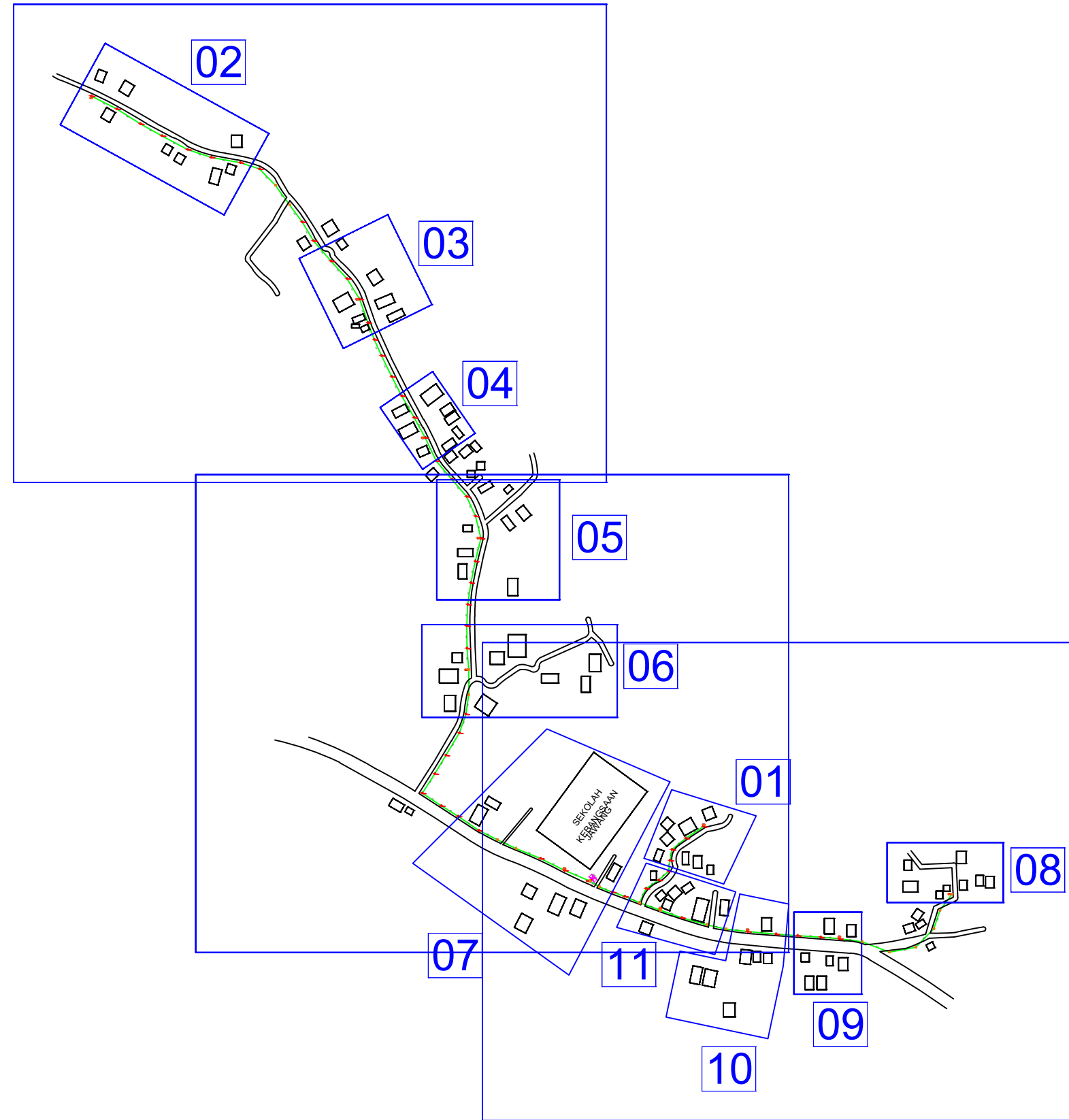




3rd Parties Dependencies

No.	Local Council/ Authority	Remark
1	JKR Kuala Kangsar	
2	Majlis Perbandaran Kuala Kangsar	
3		
4		
5		
6		

SEKOLAH KEBANGSAAN JAWANG



LEGEND

12C FOC	Installed 1:8 splitter in FDC	Installed Pole (9m)	MANHOLE (JRC7)	TS / TB	Tension Small/Tension Big	HDD
24C FOC	FDP with (1:8) splitter	Installed Riser	House Number	Existing Manhole	GR	
48C FOC	Closure	TENSION	Existing TNB Pole	C01	Closure NO.	Existing TNB Pole 11m
96C FOC	New Manhole (PIT)	SUSPENSION	LOOP	FDP1	FDP NO.	Existing TNB Pole NO.
144C FOC	Installed Pole (7.5M)	FDC	FDP Boundary	FDC	FDC NO.	P001 New Pole NO.

KEY PLAN :

OWNER / DEVELOPER:



MAIN CONTRACTOR:



SUB-CONTRACTOR:



PROJECT TITLE:

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))

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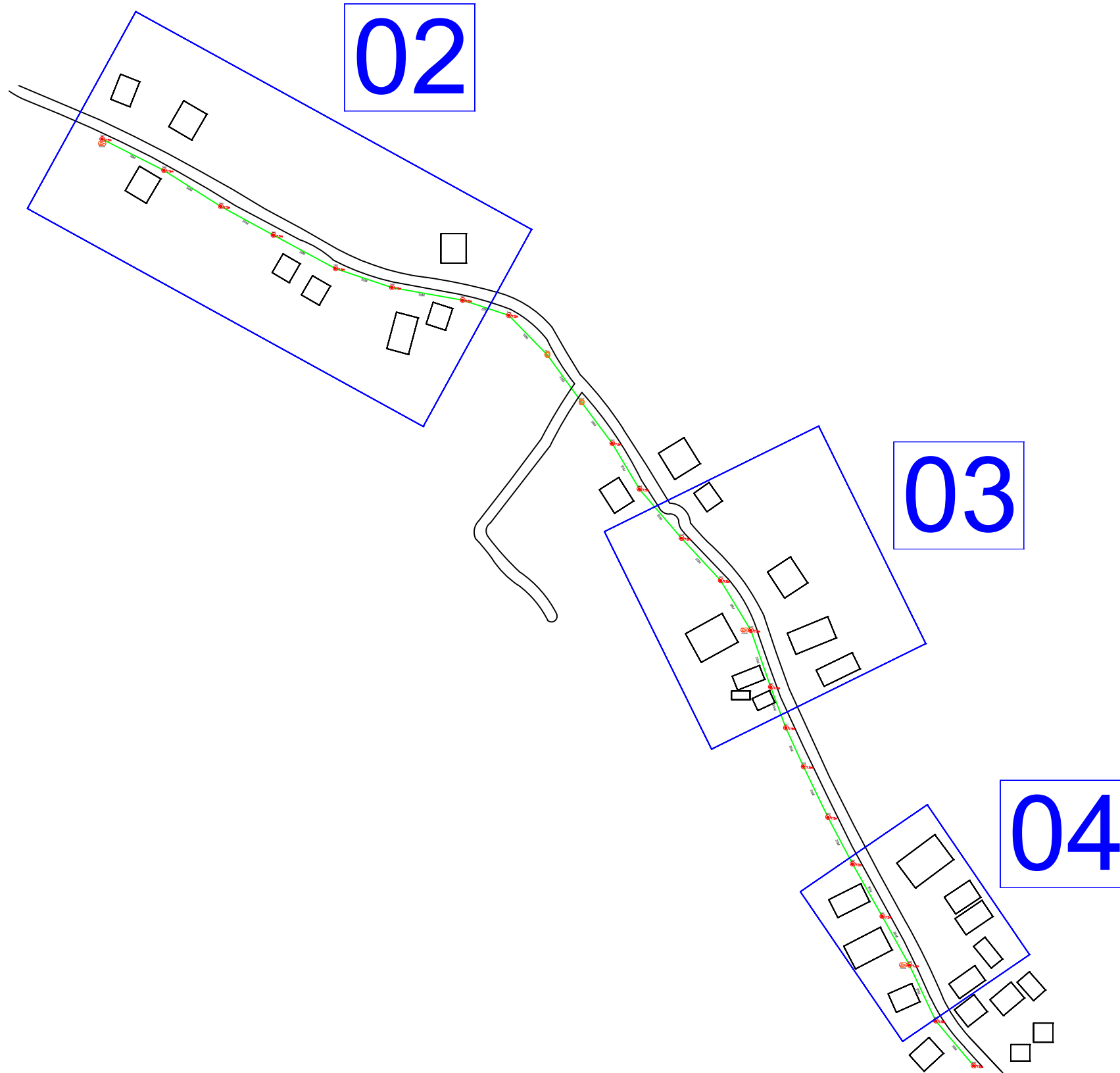
D SIDE- SEKOLAH KEBANGSAAN JAWANG

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	Size : A3

SEKOLAH KEBANGSAAN JAWANG



LEGEND

12C FOC	Installed 1:8 splitter in FDC	Installed Pole (9m)	18 ea	MANHOLE (JRC7)	TS / TB	Tension Small/Tension Big	HDD
24C FOC	FDP with (1:8) splitter	Installed Riser	1 ea	House Number	Existing Manhole		GR
48C FOC	Closure	TENSION		Existing TNB Pole	C01	Closure NO.	Existing TNB Pole 11m
96C FOC	New Manhole (PIT)	SUSPENSION		LOOP	FDP1	FDP NO.	Existing TNB Pole NO.
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DRAWING TITLE:

D SIDE- SEKOLAH KEBANGSAAN JAWANG

PROJECT PHASE:

PROPOSED DRAWING

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Date : 03/02/2025

Drawn By : REZQ INFINITY

Scale : NOT TO SCALE

Checked By :

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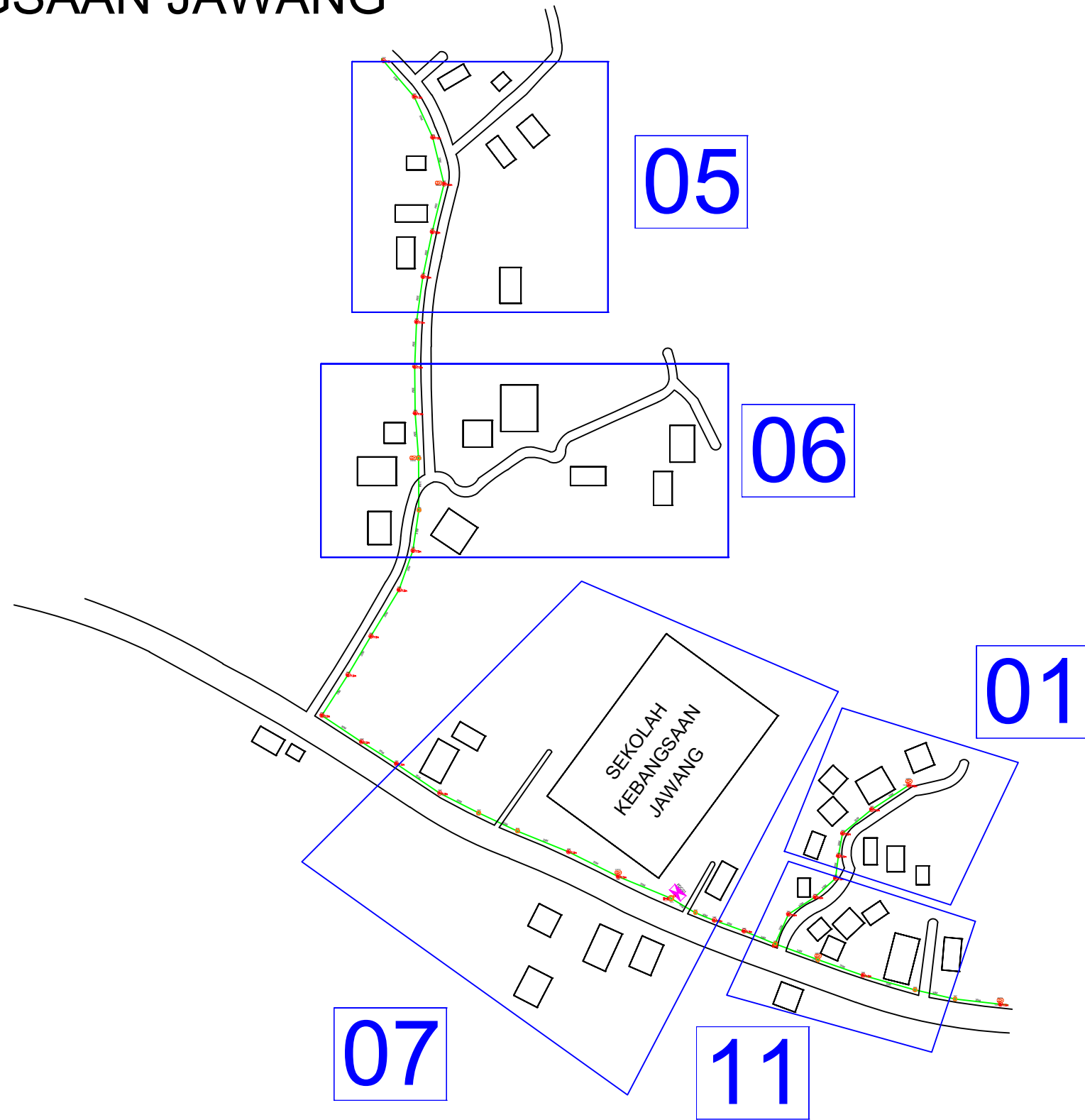
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Size :

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SEKOLAH KEBANGSAAN JAWANG



LEGEND

12C FOC	Installed 1:8 splitter in FDC	Installed Pole (9m)	18 ea	MANHOLE (JRC7)	TS / TB	Tension Small/Tension Big	HDD
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KEY PLAN :

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DRAWING TITLE:

D SIDE- SEKOLAH KEBANGSAAN JAWANG

PROJECT PHASE:

PROPOSED DRAWING

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Date : 03/02/2025

Drawn By : REZQ INFINITY

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Checked By :

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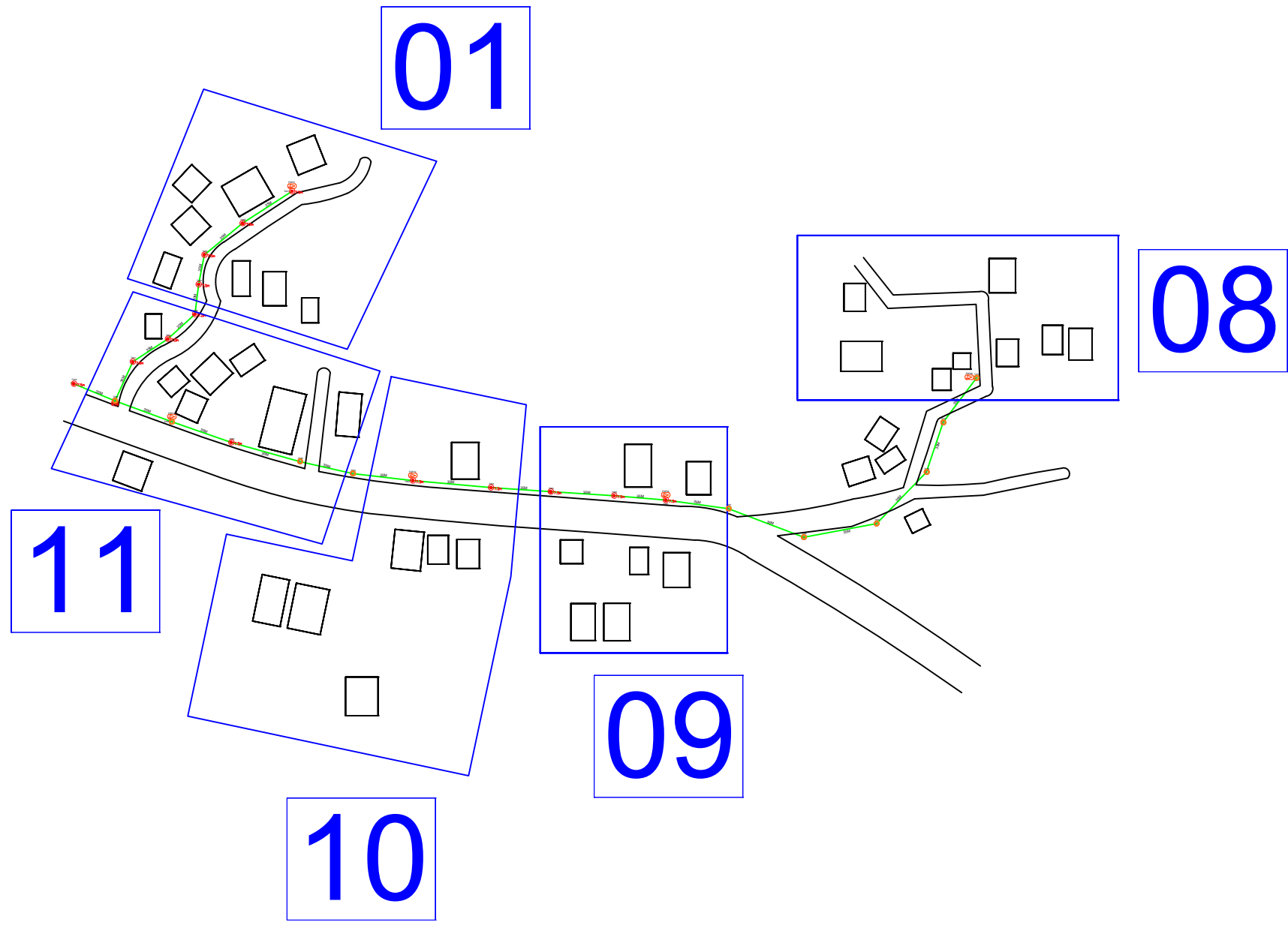
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SEKOLAH KEBANGSAAN JAWANG



LEGEND

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144C FOC	Installed Pole (7.5M)	FDC	1 ea	FDP Boundary	FDC FDC NO.	P001 New Pole NO.

SEE A-A in this page

SEE SHEET XXX

KEY PLAN :

OWNER / DEVELOPER:



MAIN CONTRACTOR:



SUB-CONTRACTOR:



PROJECT TITLE:

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))

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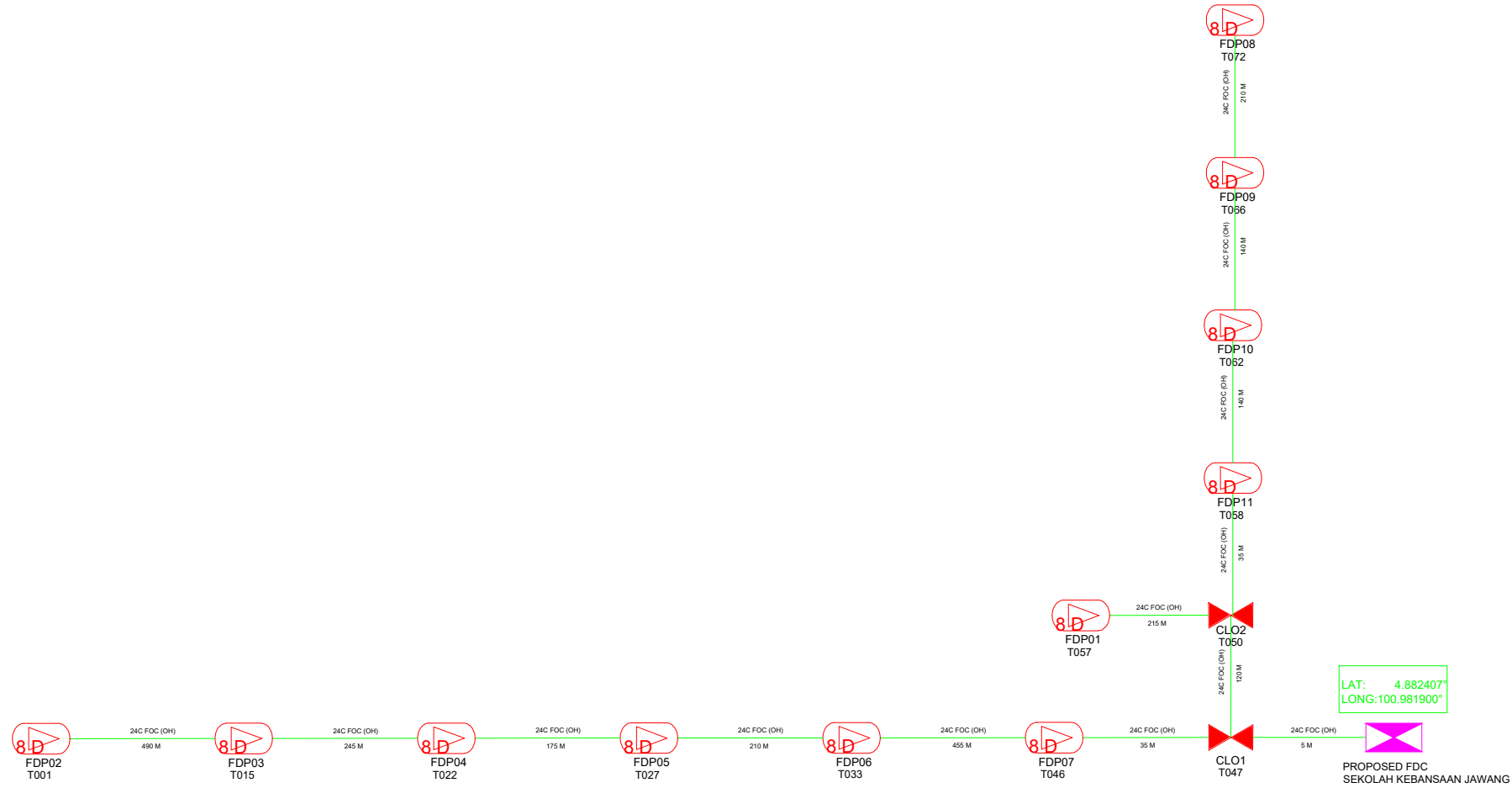
D SIDE- SEKOLAH KEBANGSAAN JAWANG

PROJECT PHASE:

PROPOSED DRAWING

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Drawn By : REZQ INFINITY	Scale : NOT TO SCALE
Checked By :	Job Number : REV01
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SEKOLAH KEBANGSAAN JAWANG



LEGEND

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KEY PLAN :	OWNER / DEVELOPER: 	MAIN CONTRACTOR: 	SUB-CONTRACTOR: 	PROJECT TITLE: 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))	DRAWING TITLE: SLD - SEKOLAH KEBANGSAAN JAWANG PROJECT PHASE: PROPOSED DRAWING	Design By : REZQ INFINITY Date : 03/02/2025	Drawn By : REZQ INFINITY Scale : NOT TO SCALE	Checked By : Job Number : REV01	DRAWING NUMBER :	Sheet : 5/5 Size : A3
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