

TECHNICAL PROPOSAL

AFT4004-MAAHAD AL YAHYAWIAH (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	:	Maahad Al Yahyawiah
Address	:	33700 Padang Rengas,Perak.
District	:	Kuala Kangsar
Postcode	:	33700
State	:	Perak
GPS Coordinate	:	4.780267, 100.842477
LRD	:	A

End Point

Site / Boundary Name	:	Kampung Lalang
Address	:	33700 Padang Rengas,Perak.
District	:	Kuala Kangsar
Postcode	:	33700
State	:	Perak
GPS Coordinate	:	4.784721, 100.850679
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	2310
2	Proposed Pole	ea	69
3	Proposed Manhole	ea	0
4	Proposed GI Riser 50mm	ea	0
5	Proposed Fiber Distribution Point	ea	13
6	Proposed Joint Closure	ea	8
7	Estimated time required for completion	days	30

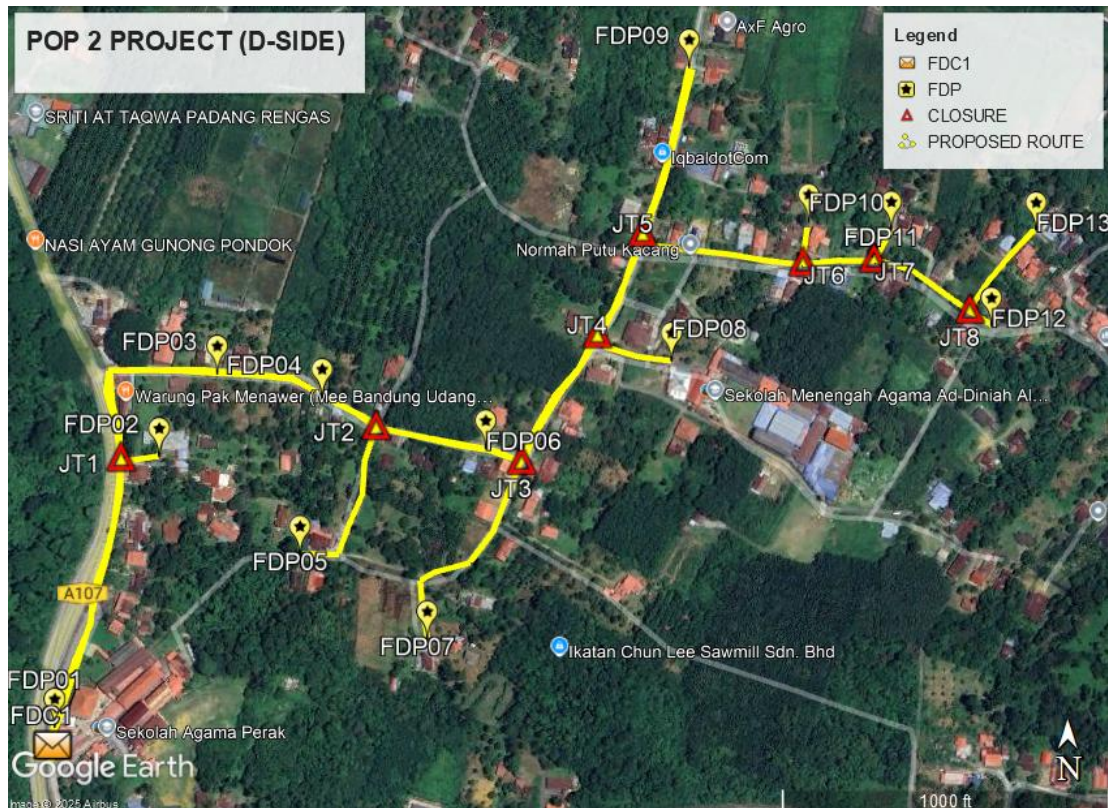
Local Authority Summary

1. Daerah Kuala Muda

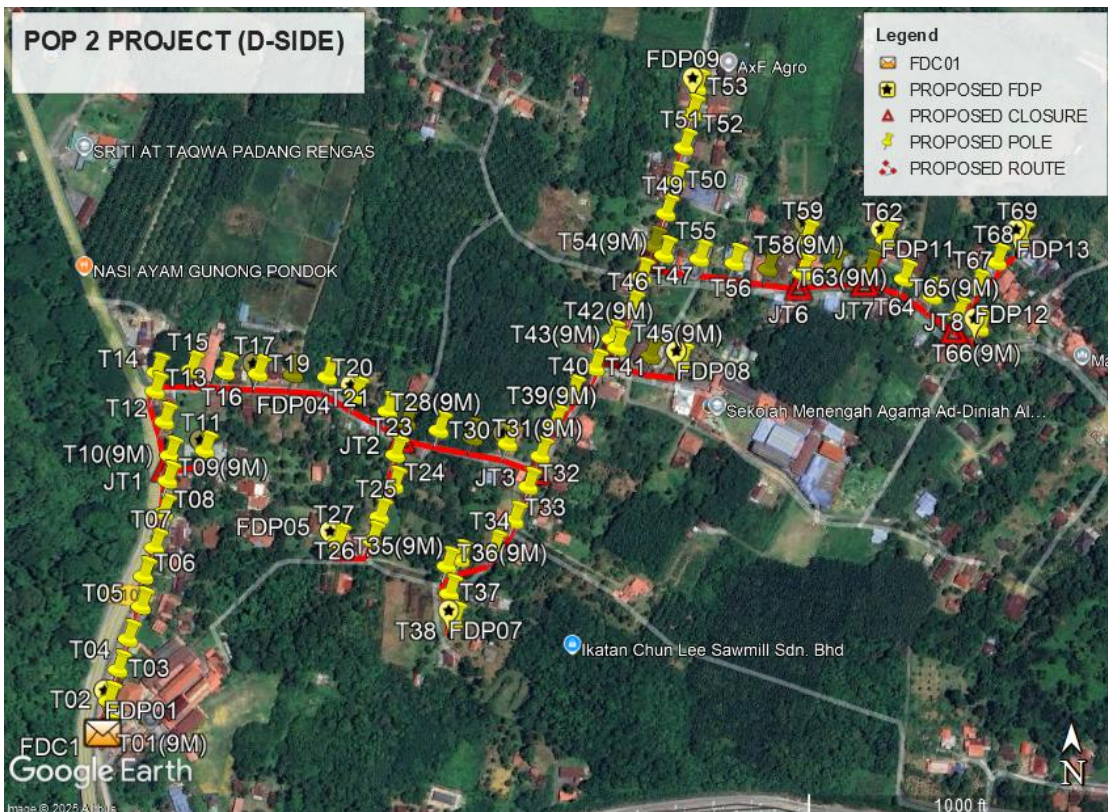
Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	8pcs	245m
		Majlis	61pcs	2065m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				2310m

Site Plan – KMZ (Overview site area)

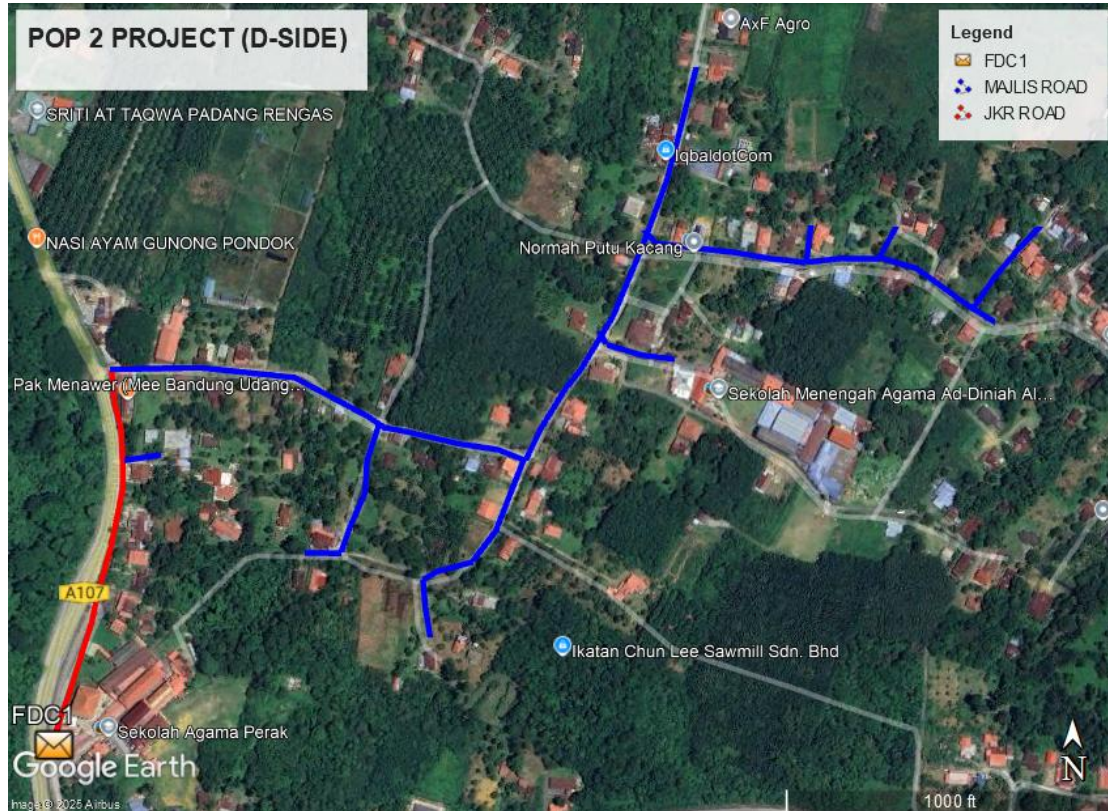
Proposed FDP & Closure



Proposed New Pole



Site Plan – KMZ Routing (All Local Authority)

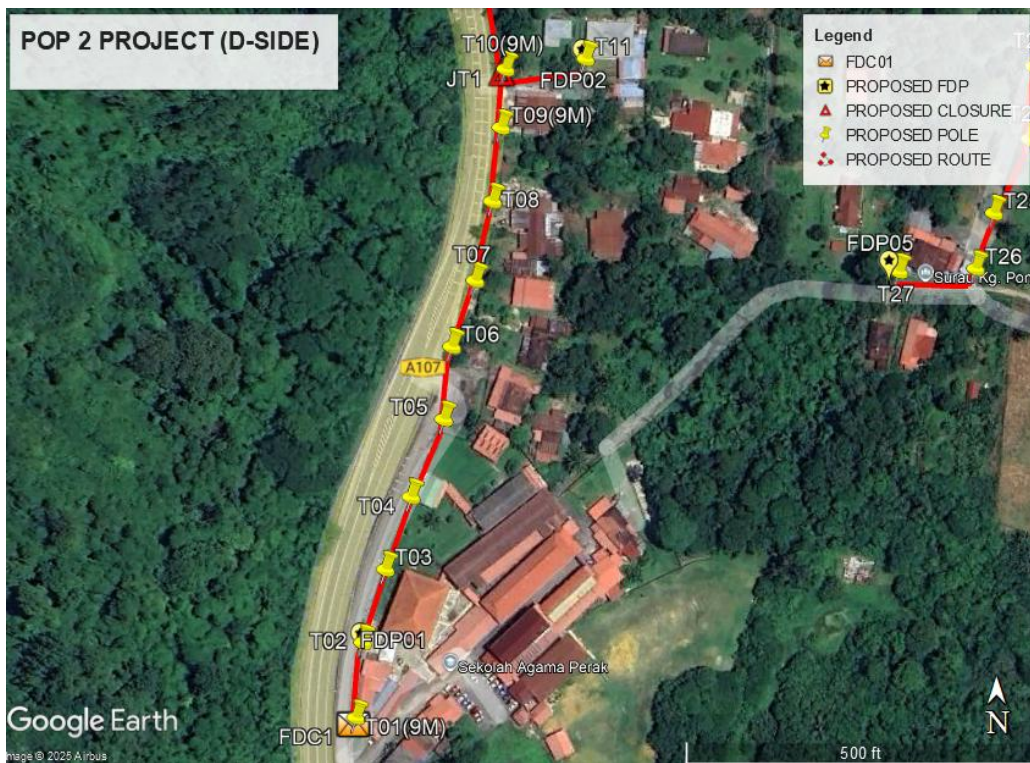
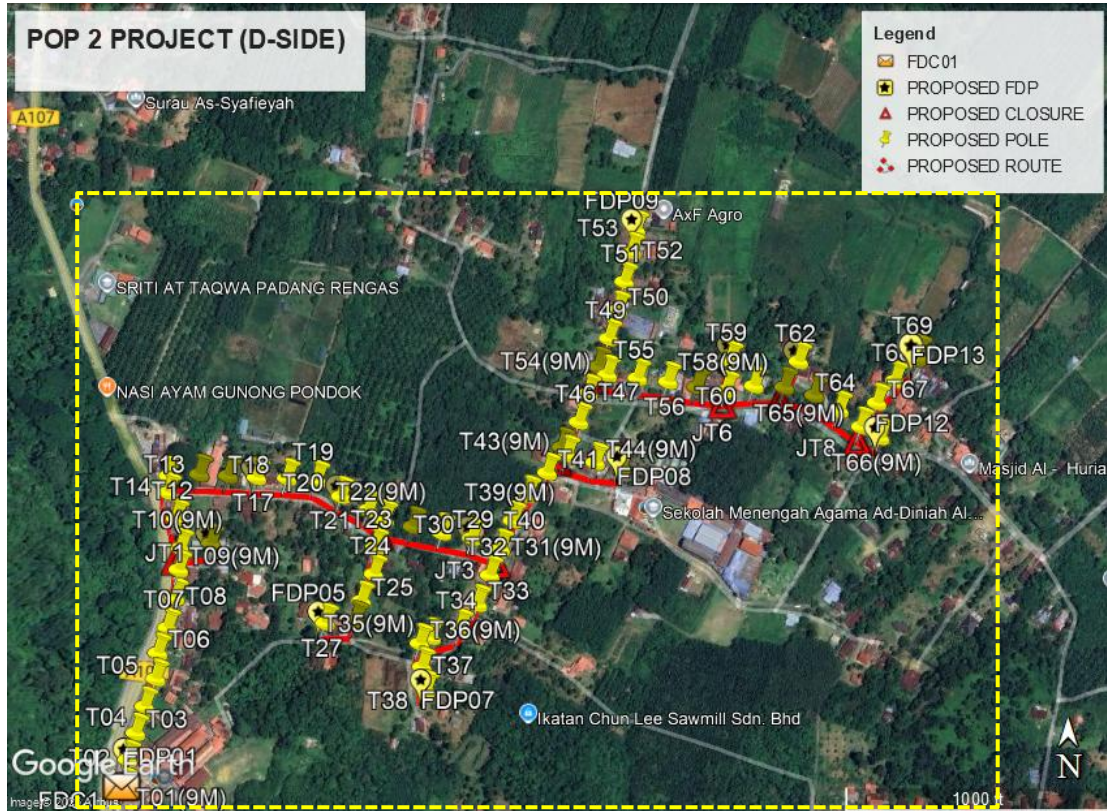


Blue Colour – Majlis Perbandaran Kuala Kangsar

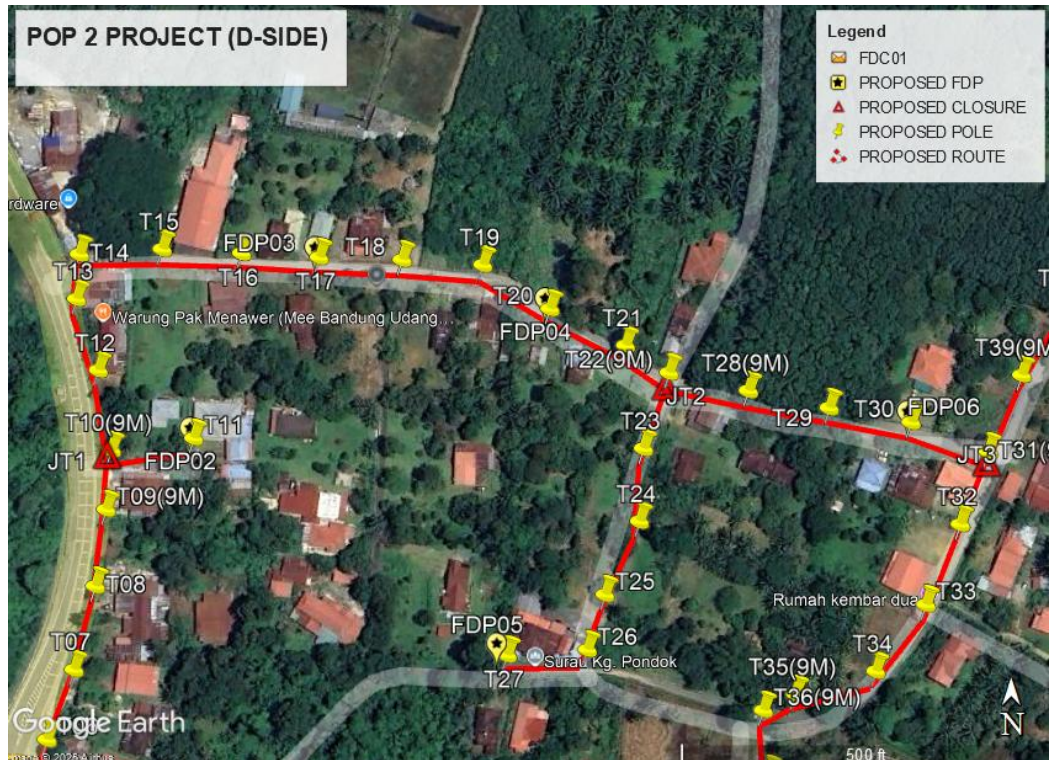
Red Colour – JKR Kuala Kangsar

Site Plan – KMZ Routing (All site area)

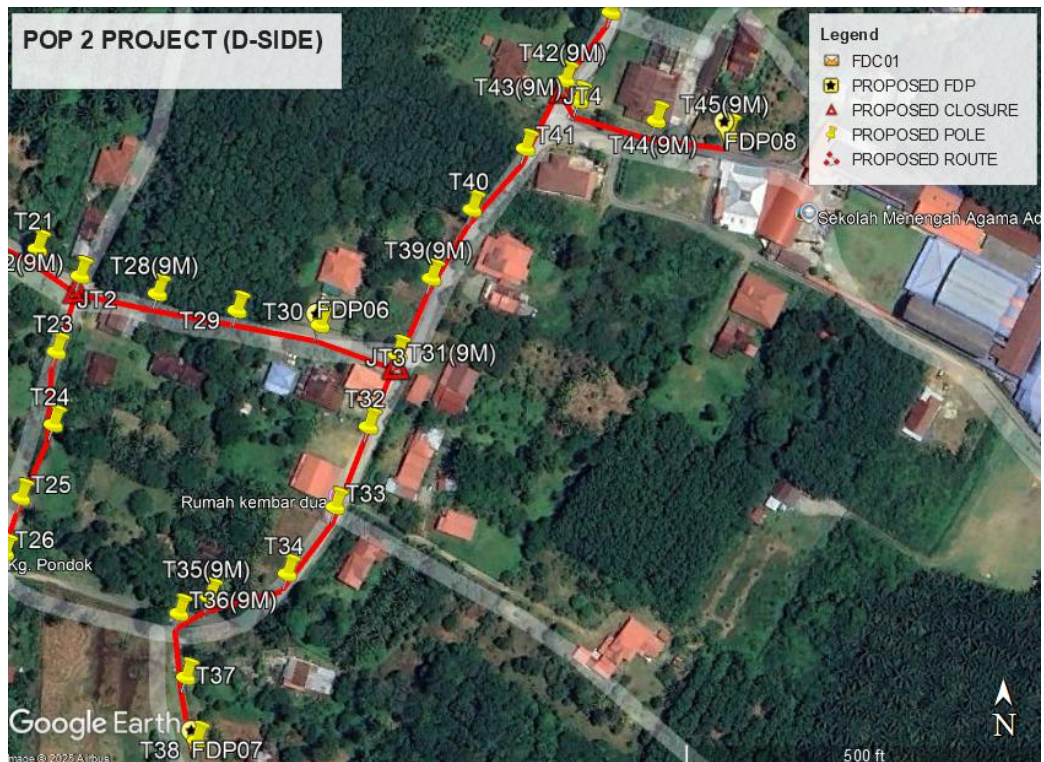
Route 1



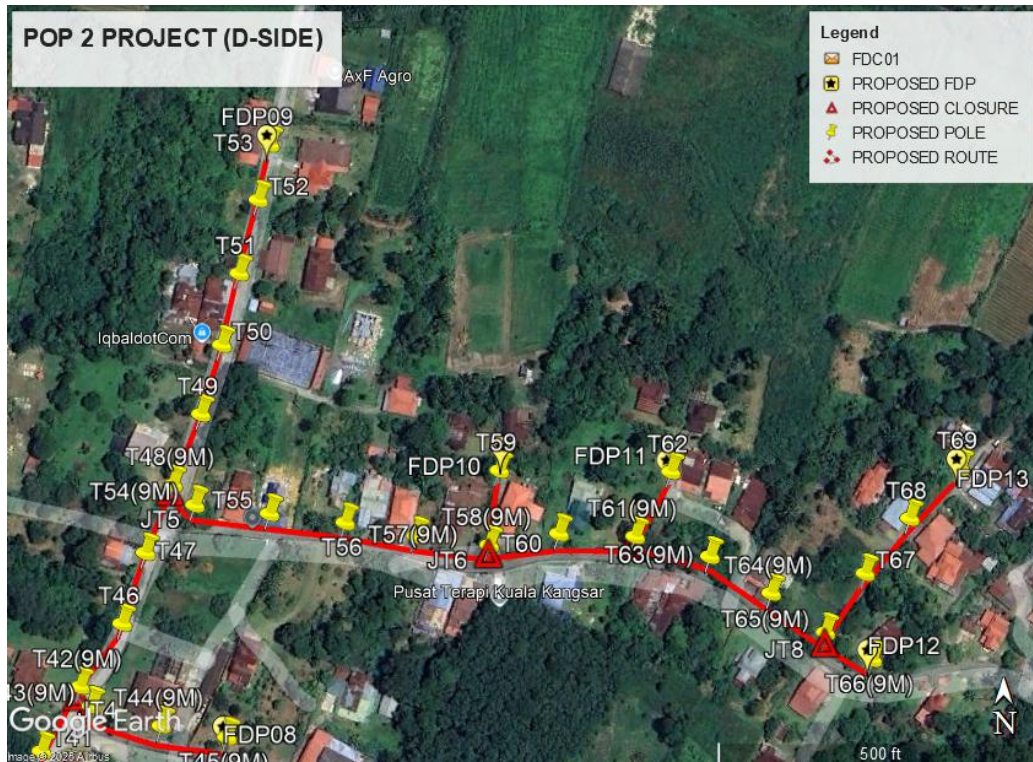
Route 1.1



Route 1.2

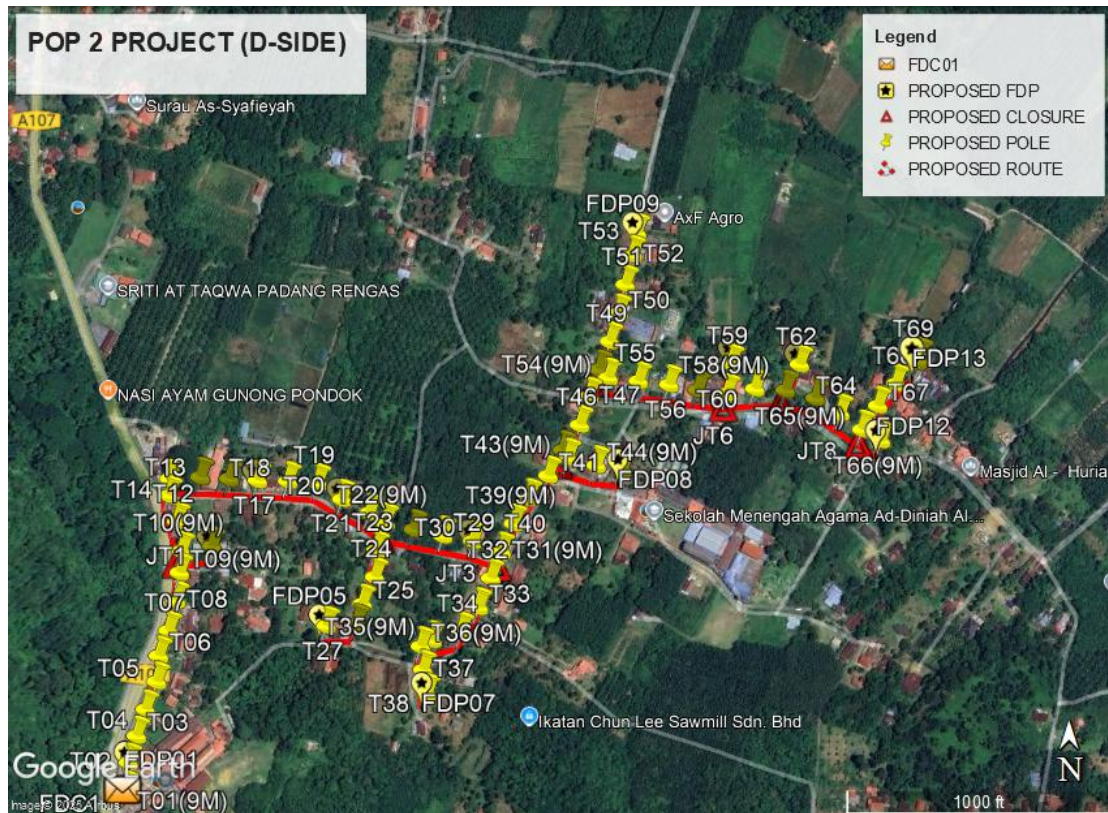


Route 1.3



Route 1.4

Site Plan – KMZ Routing (Proposed New Pole)



Overall Pole (Proposed New)

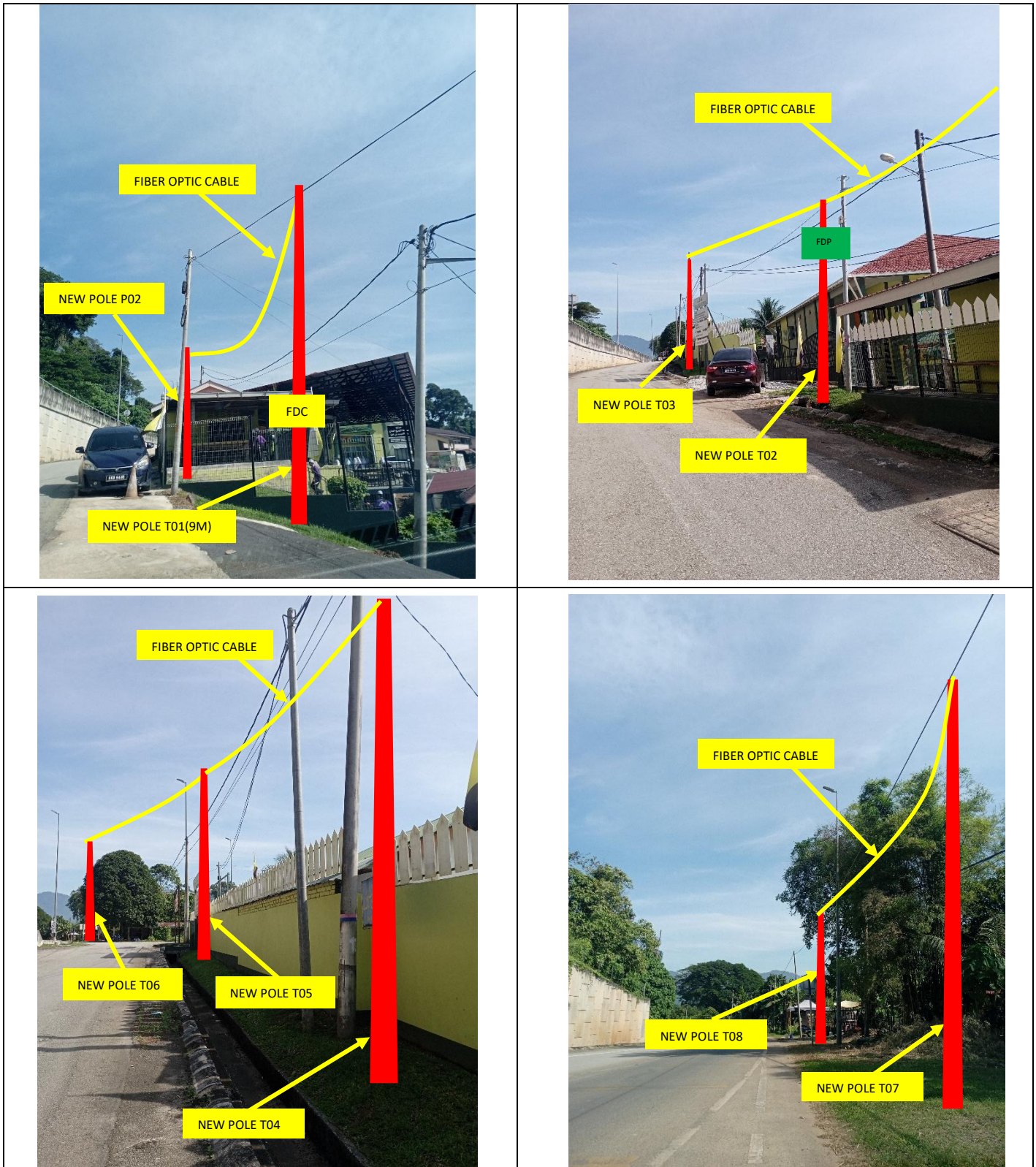
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	FDC	35	4.780267	100.842477	Majlis Perbandaran Kuala Kangsar
2	P001(9M)	35	4.780312	100.842472	Majlis Perbandaran Kuala Kangsar
3	P002	35	4.780608	100.842503	Majlis Perbandaran Kuala Kangsar
4	P003	35	4.780888	100.842591	Majlis Perbandaran Kuala Kangsar
5	P004	35	4.781165	100.842692	Majlis Perbandaran Kuala Kangsar
6	P005	35	4.781459	100.842817	JKR Kuala Kangsar
7	P006	35	4.781729	100.842849	JKR Kuala Kangsar
8	P007	35	4.781978	100.842934	JKR Kuala Kangsar
9	P008	35	4.782281	100.842999	JKR Kuala Kangsar
10	P009(9M)	35	4.782566	100.843030	JKR Kuala Kangsar
11	P010(9M)	35	4.782789	100.843048	JKR Kuala Kangsar
12	P011	35	4.782834	100.843355	JKR Kuala Kangsar
13	P012	35	4.783092	100.842996	JKR Kuala Kangsar
14	P013	35	4.783362	100.842913	JKR Kuala Kangsar
15	P014	35	4.783531	100.842925	JKR Kuala Kangsar
16	P015	35	4.783550	100.843238	Majlis Perbandaran Kuala Kangsar
17	P016	35	4.783533	100.843542	Majlis Perbandaran Kuala Kangsar
18	P017	35	4.783518	100.843836	Majlis Perbandaran Kuala Kangsar
19	P018	35	4.783509	100.844150	Majlis Perbandaran Kuala Kangsar
20	P019	35	4.783489	100.844455	Majlis Perbandaran Kuala Kangsar
21	P020	35	4.783323	100.844709	Majlis Perbandaran Kuala Kangsar
22	P021	35	4.783184	100.844994	Majlis Perbandaran Kuala Kangsar
23	P022(9M)	35	4.783082	100.845157	Majlis Perbandaran Kuala Kangsar
24	P023	35	4.782797	100.845062	Majlis Perbandaran Kuala Kangsar
25	P024	35	4.782522	100.845048	Majlis Perbandaran Kuala Kangsar
26	P025	35	4.782243	100.844918	Majlis Perbandaran Kuala Kangsar
27	P026	35	4.782032	100.844852	Majlis Perbandaran Kuala Kangsar
28	P027	35	4.782018	100.844547	Majlis Perbandaran Kuala Kangsar
29	P028(9M)	35	4.783015	100.845454	Majlis Perbandaran Kuala Kangsar
30	P029	35	4.782951	100.845755	Majlis Perbandaran Kuala Kangsar
31	P030	35	4.782896	100.846066	Majlis Perbandaran Kuala Kangsar
32	P031(9M)	35	4.782786	100.846357	Majlis Perbandaran Kuala Kangsar
33	P032	35	4.782514	100.846249	Majlis Perbandaran Kuala Kangsar
34	P033	35	4.782212	100.846122	Majlis Perbandaran Kuala Kangsar
35	P034	35	4.781959	100.845939	Majlis Perbandaran Kuala Kangsar
36	P035(9M)	35	4.781867	100.845639	Majlis Perbandaran Kuala Kangsar
37	P036(9M)	35	4.781803	100.845520	Majlis Perbandaran Kuala Kangsar
38	P037	35	4.781557	100.845541	Majlis Perbandaran Kuala Kangsar
39	P038	35	4.781315	100.845581	Majlis Perbandaran Kuala Kangsar
40	P039(9M)	35	4.783073	100.846485	Majlis Perbandaran Kuala Kangsar
41	P040	35	4.783335	100.846639	Majlis Perbandaran Kuala Kangsar
42	P041	35	4.783567	100.846841	Majlis Perbandaran Kuala Kangsar
43	P042(9M)	35	4.783828	100.846994	Majlis Perbandaran Kuala Kangsar
44	P043(9M)	35	4.783750	100.847043	Majlis Perbandaran Kuala Kangsar

Overall Pole (Proposed New)

45	P044(9M)	35	4.783672	100.847337	Majlis Perbandaran Kuala Kangsar
46	P045(9M)	35	4.783626	100.847608	Majlis Perbandaran Kuala Kangsar
47	P046	35	4.784089	100.847168	Majlis Perbandaran Kuala Kangsar
48	P047	35	4.784380	100.847261	Majlis Perbandaran Kuala Kangsar
49	P048(9M)	35	4.784662	100.847370	Majlis Perbandaran Kuala Kangsar
50	P049	35	4.784954	100.847482	Majlis Perbandaran Kuala Kangsar
51	P050	35	4.785243	100.847569	Majlis Perbandaran Kuala Kangsar
52	P051	35	4.785542	100.847643	Majlis Perbandaran Kuala Kangsar
53	P052	35	4.785852	100.847718	Majlis Perbandaran Kuala Kangsar
54	P053	35	4.786087	100.847763	Majlis Perbandaran Kuala Kangsar
55	P054(9M)	35	4.784577	100.847465	Majlis Perbandaran Kuala Kangsar
56	P055	35	4.784543	100.847777	Majlis Perbandaran Kuala Kangsar
57	P056	35	4.784506	100.848092	Majlis Perbandaran Kuala Kangsar
58	P057(9M)	35	4.784451	100.848388	Majlis Perbandaran Kuala Kangsar
59	P058(9M)	35	4.784415	100.848692	Majlis Perbandaran Kuala Kangsar
60	P059	35	4.784722	100.848734	Majlis Perbandaran Kuala Kangsar
61	P060	35	4.784462	100.848981	Majlis Perbandaran Kuala Kangsar
62	P061(9M)	35	4.784449	100.849298	Majlis Perbandaran Kuala Kangsar
63	P062	35	4.784715	100.849450	Majlis Perbandaran Kuala Kangsar
64	P063(9M)	35	4.784365	100.849610	Majlis Perbandaran Kuala Kangsar
65	P064(9M)	35	4.784208	100.849871	Majlis Perbandaran Kuala Kangsar
66	P065(9M)	35	4.784040	100.850103	Majlis Perbandaran Kuala Kangsar
67	P066(9M)	35	4.783926	100.850301	Majlis Perbandaran Kuala Kangsar
68	P067	35	4.784287	100.850270	Majlis Perbandaran Kuala Kangsar
69	P068	35	4.784517	100.850459	Majlis Perbandaran Kuala Kangsar
70	P069	35	4.784727	100.850676	Majlis Perbandaran Kuala Kangsar

Bil	Type	7.5m	9.0m	Total
1	No. of Pole	47	22	69

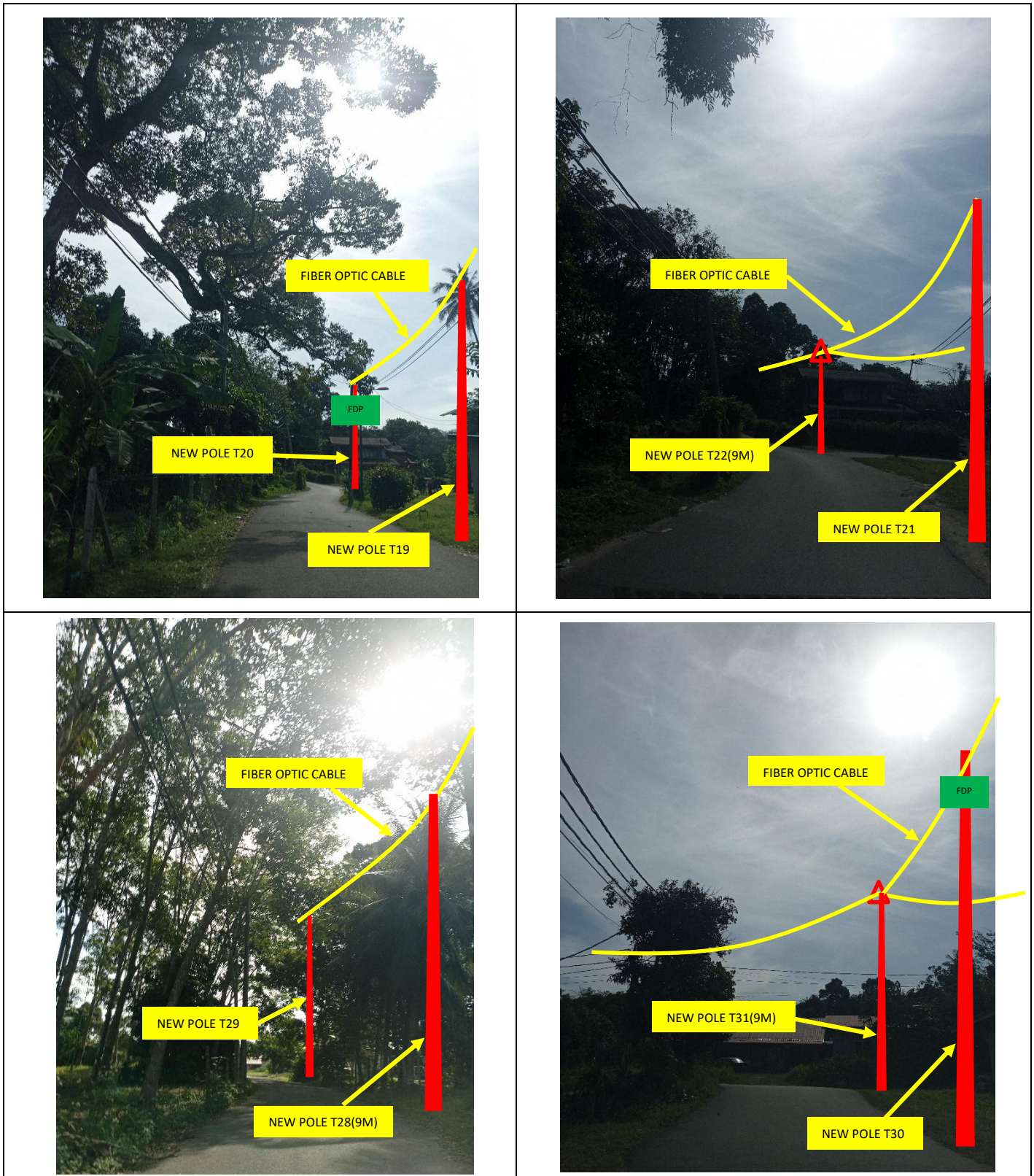
Site Photos – Proposed to install pole



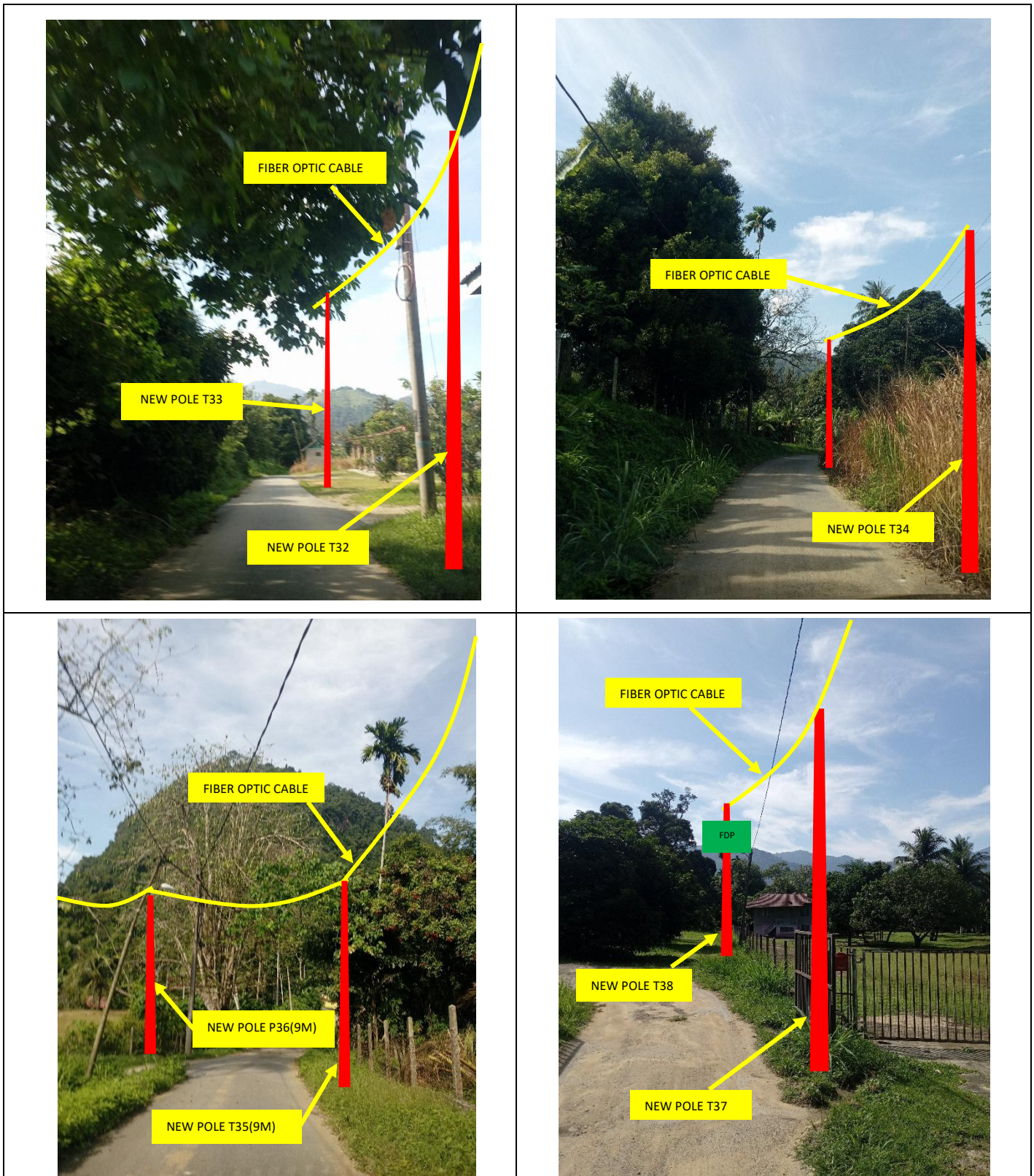
Site Photos – Proposed to install pole



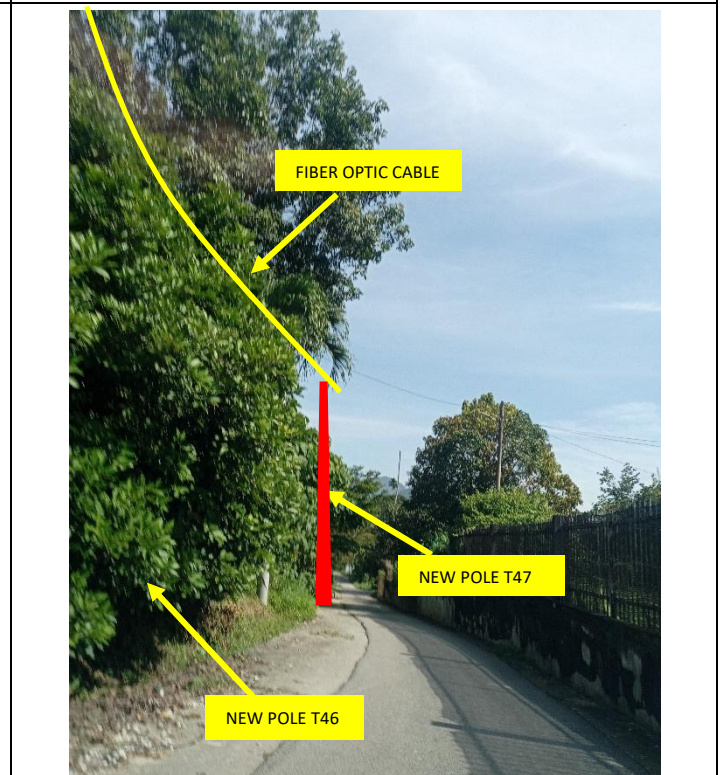
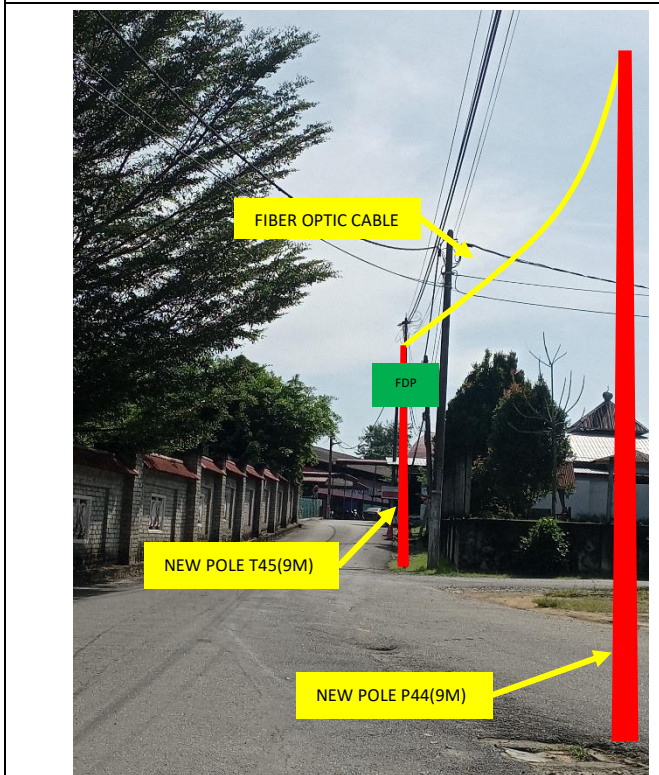
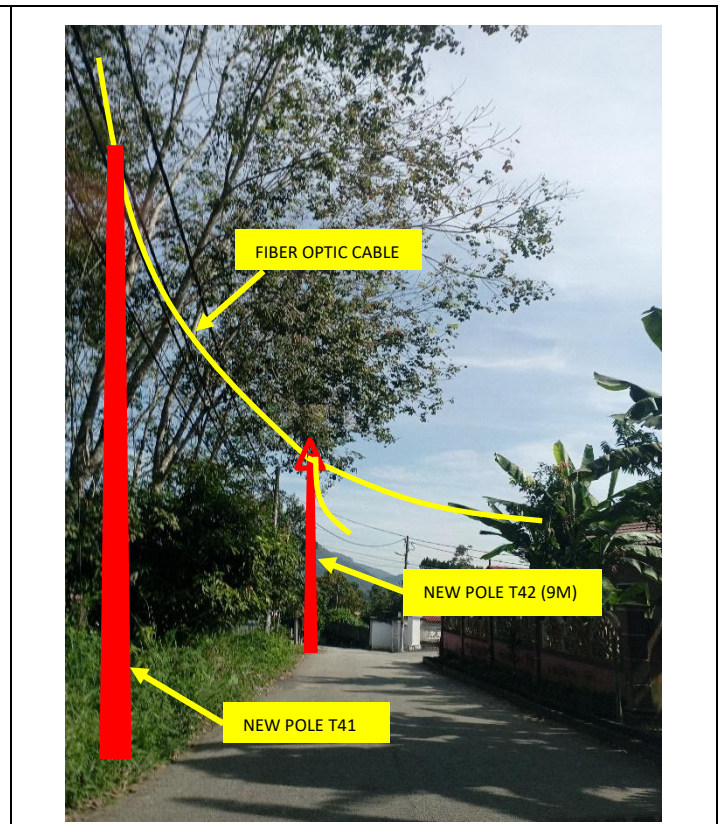
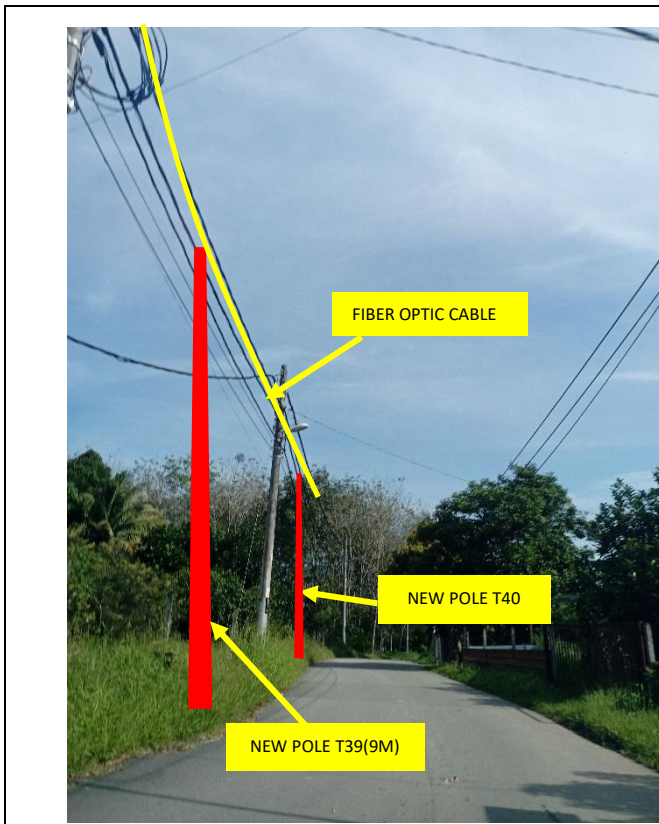
Site Photos – Proposed to install pole



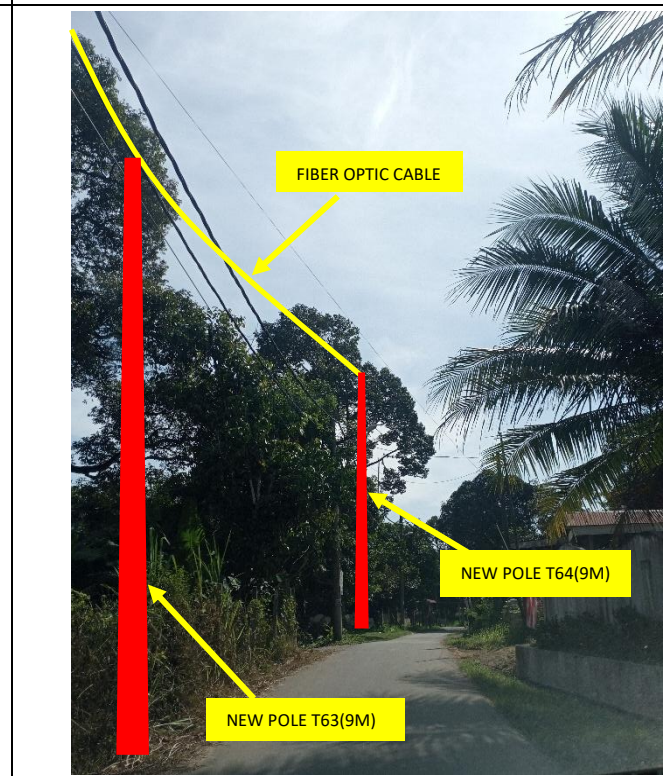
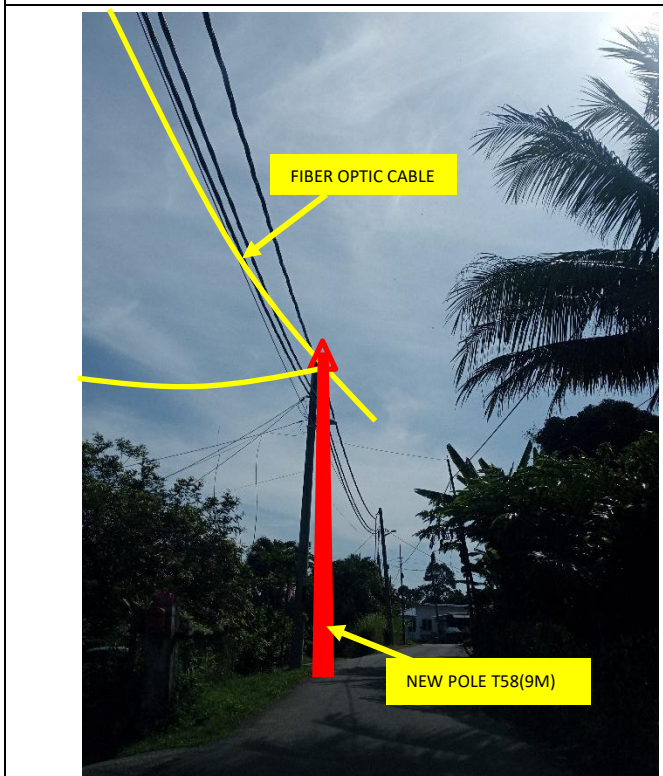
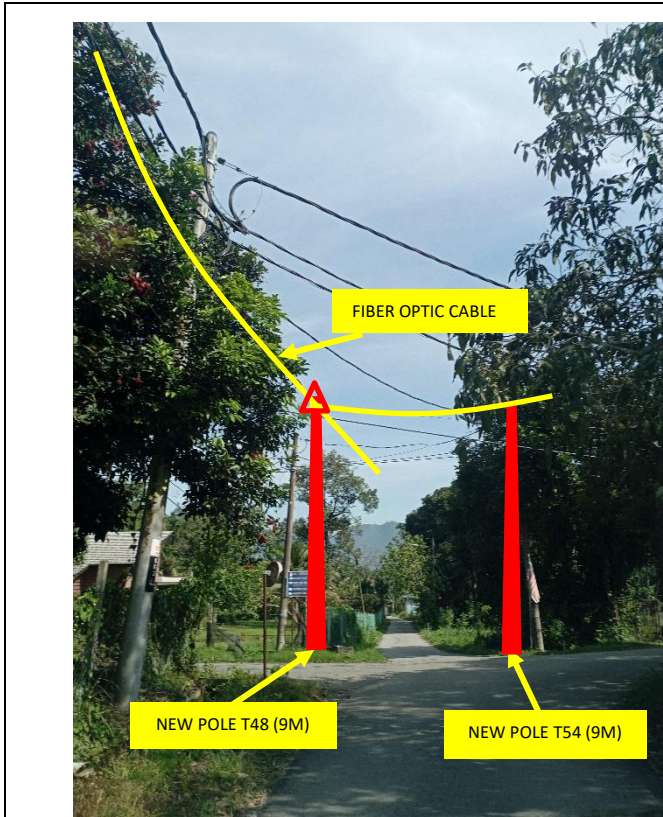
Site Photos – Proposed to install pole



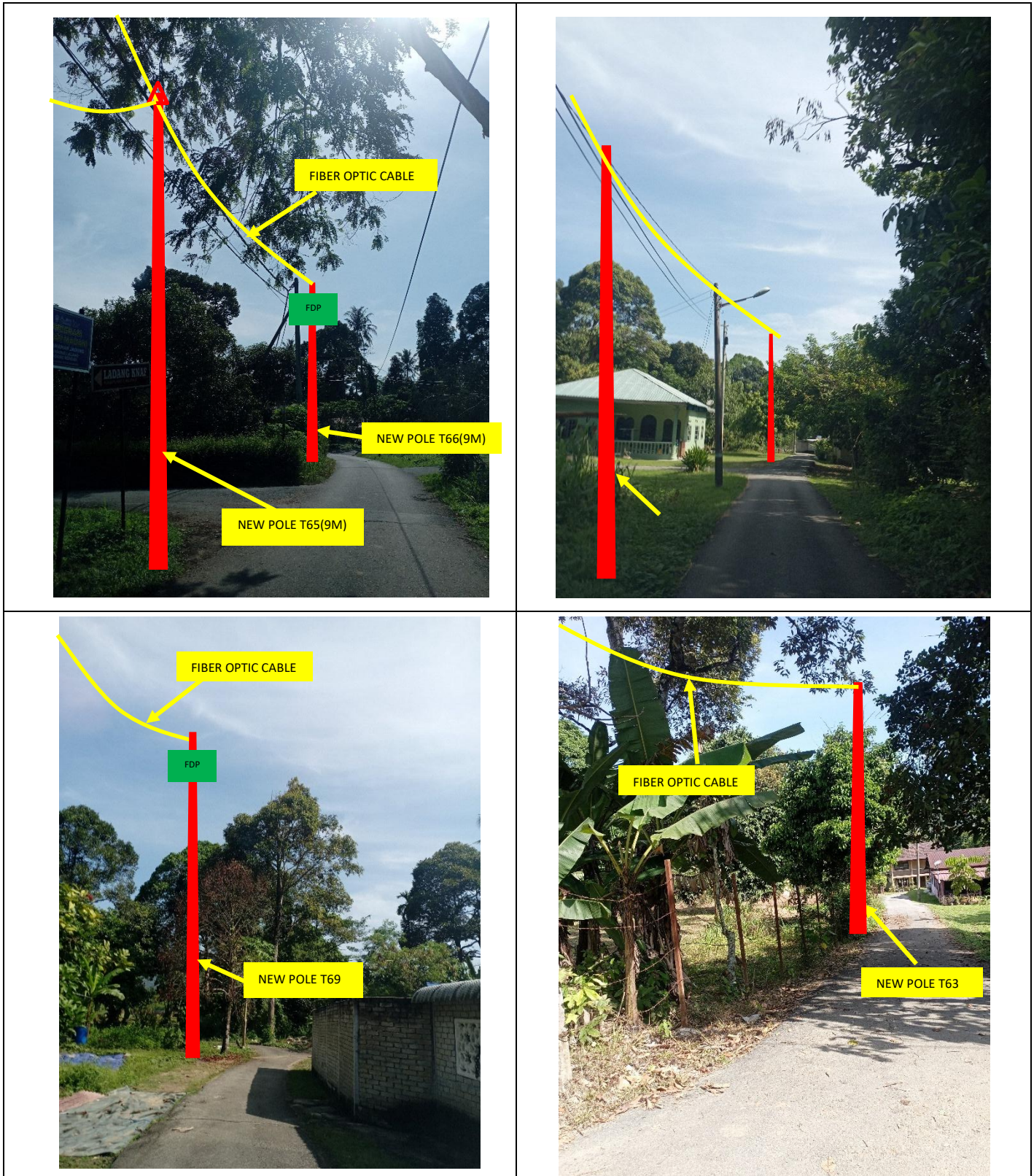
Site Photos – Proposed to install pole



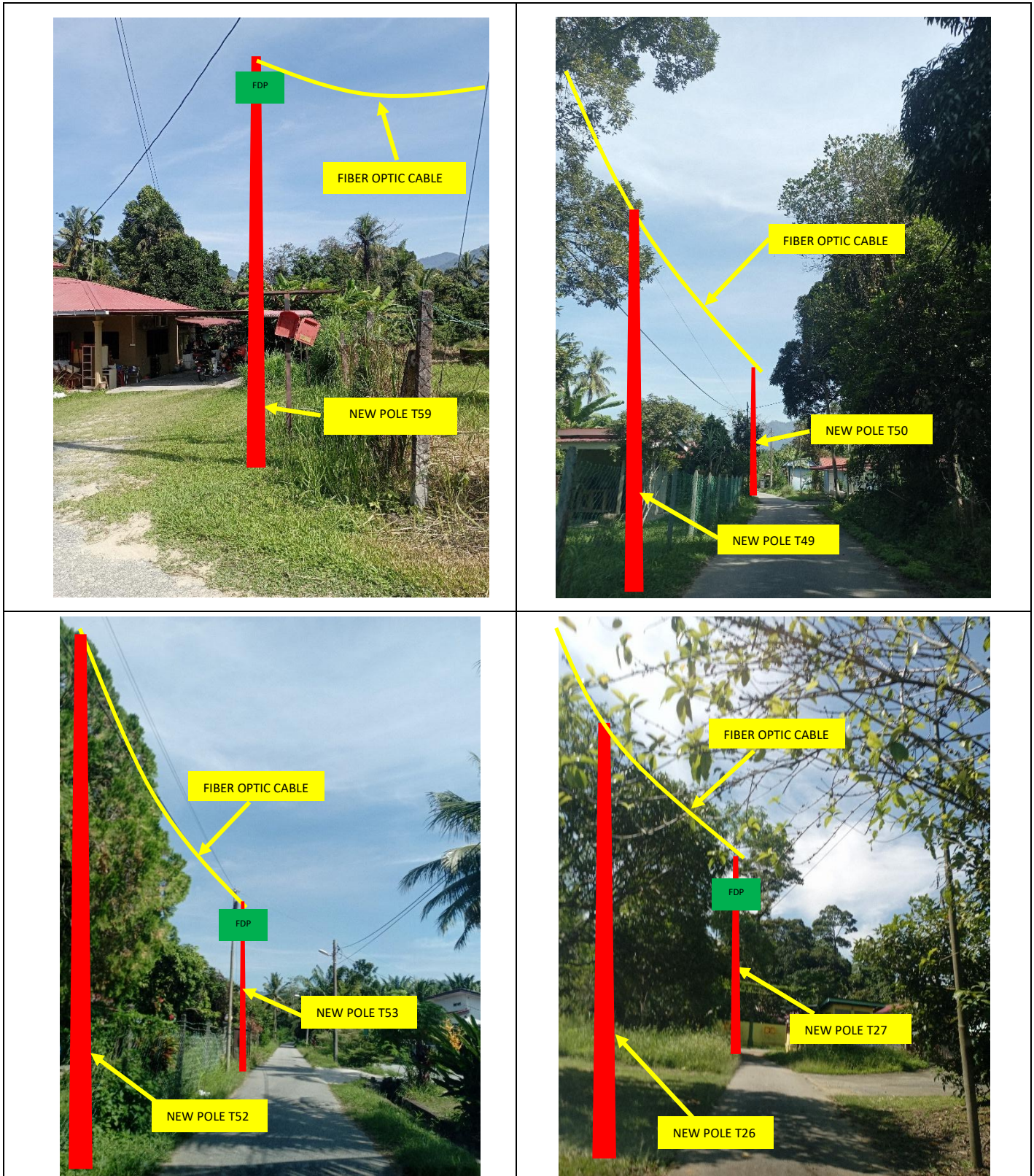
Site Photos – Proposed to install pole



Site Photos – Proposed to install pole



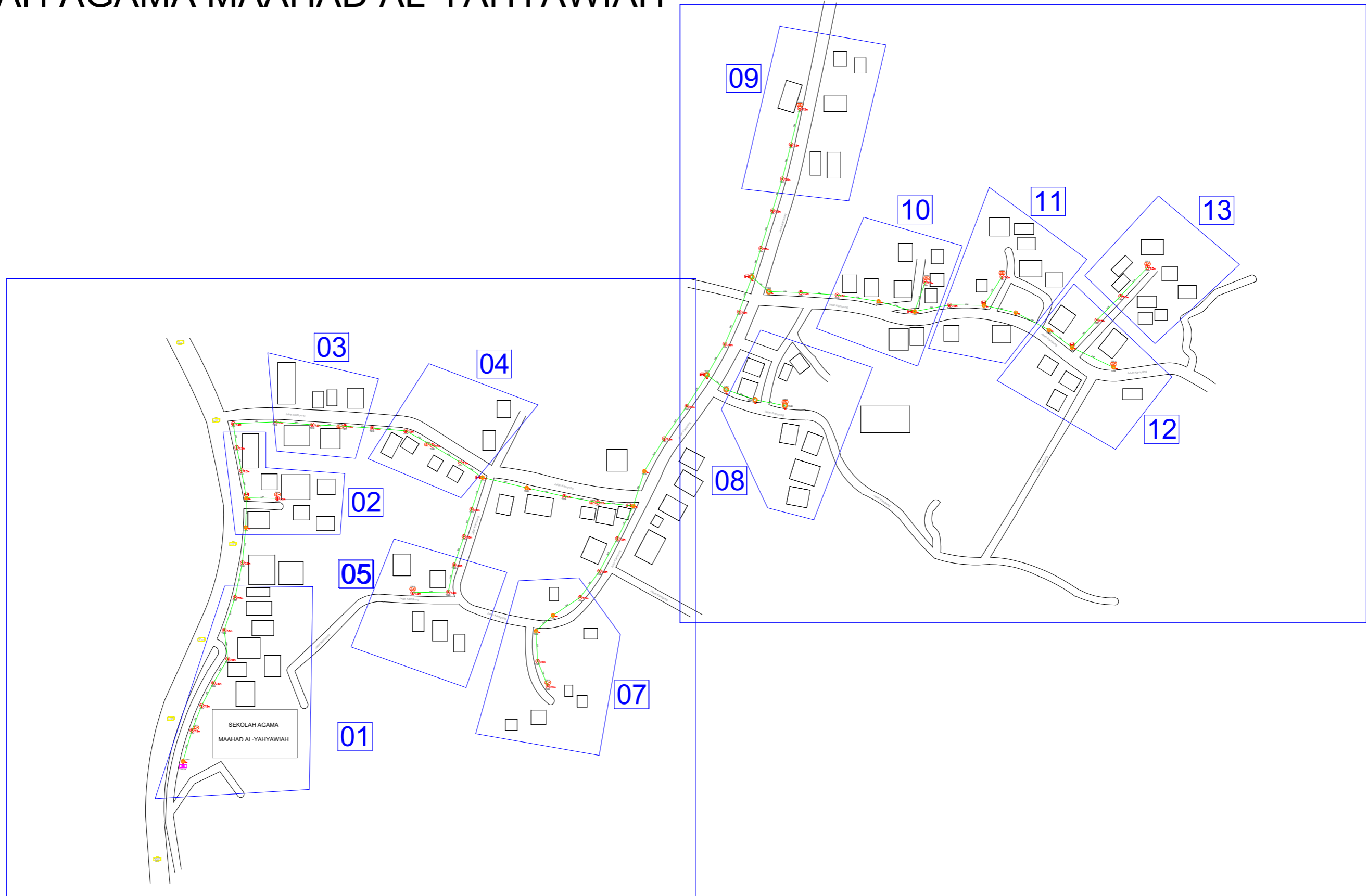
Site Photos – Proposed to install pole



3rd Parties Dependencies

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

SEKOLAH AGAMA MAAHAD AL-YAHYAWIAH

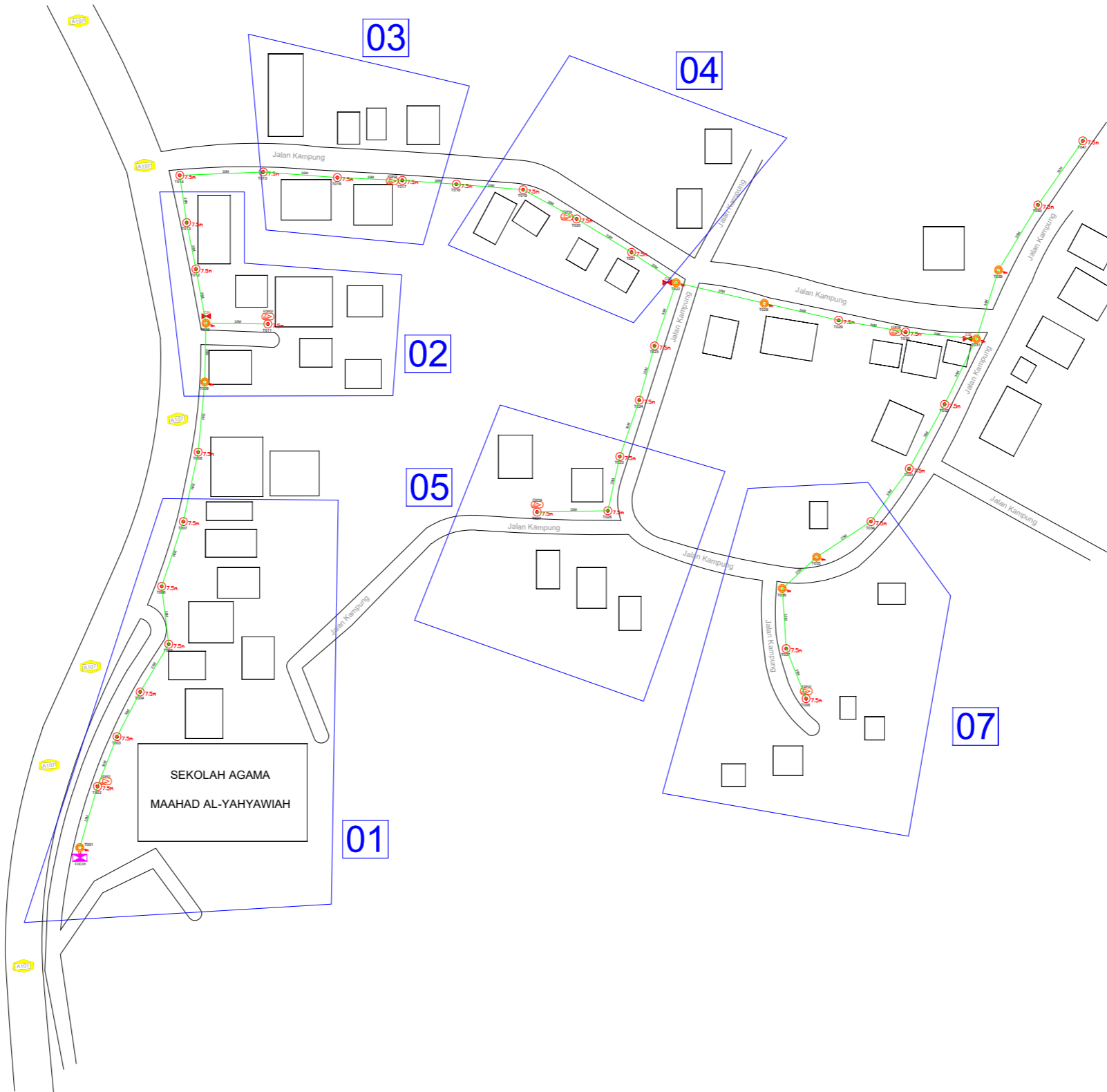


LEGEND

12C FOC	Installed 1:8 splitter in FDC	Installed Pole (9m)	22 ea	MANHOLE (JRC7)	TS / TB Tension Small/Tension Big	HDD
24C FOC	FDC with (1:8) splitter	Installed Riser	1 ea	House Number	Existing Manhole	GR
48C FOC	Closure	TENSION	8 ea	Existing TNB Pole	C01 Closure NO.	Existing TNB Pole 11m
96C FOC	New Manhole (PIT)	SUSPENSION	47 ea	LOOP	FDP1 FDP NO.	Existing TNB Pole NO.
144C FOC	7.5m Installed Pole (7.5M)	FDC	1 ea	FDP Boundary	FDC FDC NO.	P001 New Pole NO.

KEY PLAN :	OWNER / DEVELOPER: 	MAIN CONTRACTOR: PRIVASAT	SUB-CONTRACTOR: 	PROJECT TITLE: PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA (KKMM.400-11/17/132(1))	DRAWING TITLE: D-SIDE - SEKOLAH AGAMA MAAHAD AL-YAHYAWIAH PROJECT PHASE: PROPOSED DRAWING	Design By : REZQ INFINITY Date : 14/01/2025 Drawn By : REZQ INFINITY Scale : NOT TO SCALE Checked By : Job Number : REV00 DRAWING NUMBER :	Sheet : 1/4 Size : A3
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SEKOLAH AGAMA MAAHAD AL-YAHYAWIAH



LEGEND

12C FOC	Installed 1:8 splitter in FDC	Installed Pole (9m)	22 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.
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 XXXX

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:

D-SIDE - SEKOLAH AGAMA MAAHAD AL-YAHYAWIAH

PROJECT PHASE:

PROPOSED DRAWING

Design By : REZQ INFINITY

Date : 14/01/2025

Drawn By : REZQ INFINITY

Scale : NOT TO SCALE

Checked By :

Job Number : REV00

DRAWING NUMBER :

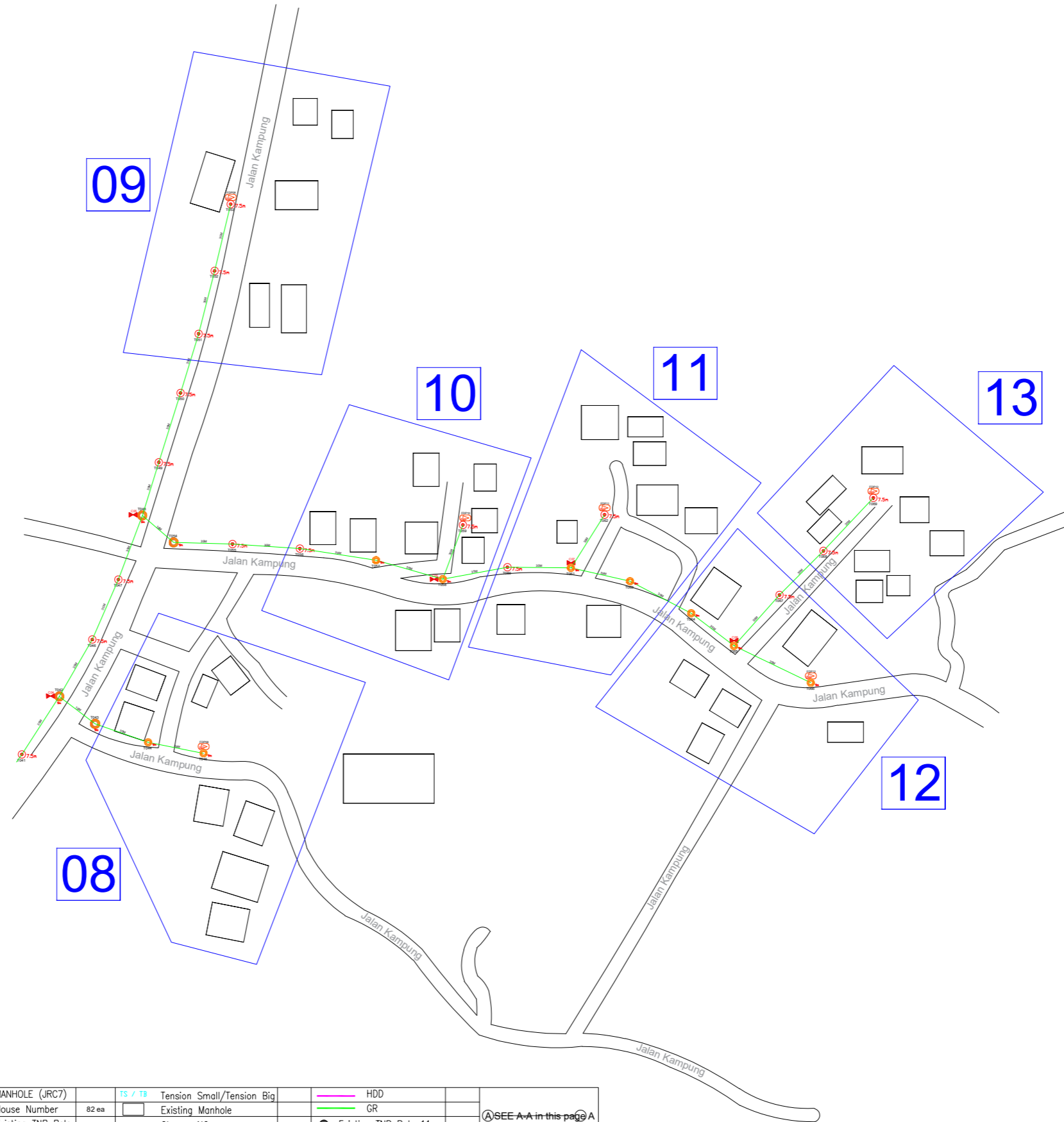
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SEKOLAH AGAMA MAAHAD AL-YAHYAWIAH



LEGEND

12C FOC	Installed 1:8 splitter in FDC	Installed Pole (9m)	22 ea	MANHOLE (JRC7)	TS / TB	Tension Small/Tension Big	HDD
24C FOC	2310M FDP with (1:8) splitter	Installed Riser	1 ea	# House Number	82 ea	Existing Manhole	GR
48C FOC	Closure	8 ea	T TENSION	Existing TNB Pole	C01	Closure NO.	Existing TNB Pole 11m
96C FOC	UB3Q New Manhole (PIT)	47 ea	S SUSPENSION	LOOP	FDP1	FDP NO.	Existing TNB Pole NO.
144C FOC	7.5m Installed Pole (7.5M)	1 ea	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 BERHAMPPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA (KKMM.400-11/17/132(1))

DRAWING TITLE:

D-SIDE - SEKOLAH AGAMA MAAHAD AL-YAHYAWIAH

PROJECT PHASE:

PROPOSED DRAWING

Design By : REZQ INFINITY

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