

TECHNICAL PROPOSAL

ABA4028-SEKOLAH KEBANGSAAN PAYA SALAK (D-SIDE)

Company Name	:	Aratimur Sdn. Bhd.
Company Address	:	A-08-13, 8th 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 Paya Salak
Address	:	33700 Padang Rengas,Perak.
District	:	Kuala Kangsar
Postcode	:	33700
State	:	Perak
GPS Coordinate	:	4.795704, 100.841700
LRD	:	A

End Point

Site / Boundary Name	:	Kampung Stor
Address	:	33700 Padang Rengas,Perak.
District	:	Kuala Kangsar
Postcode	:	33700
State	:	Perak
GPS Coordinate	:	4.791140, 100.848921
LRD	:	B

Work Summary

No	Proposed Distance and Method	Unit	Qty
1	Horizontal Directional Drilling (HDD)	m	70m
2	Carriage Way Open trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	0
4	Micro trenching (MT)	m	0
	Total		70m

	Other Information	Unit	Qty
1	Proposed of Short Span ADSS Fibre Cables	m	2065
2	Proposed Pole	ea	58
3	Proposed Manhole	ea	2
4	Proposed GI Riser 50mm	ea	3
5	Proposed Fiber Distribution Point	ea	14
6	Proposed Joint Closure	ea	3
7	Estimated time required for completion	days	30

Local Authority Summary

1. Daerah Kuala Muda

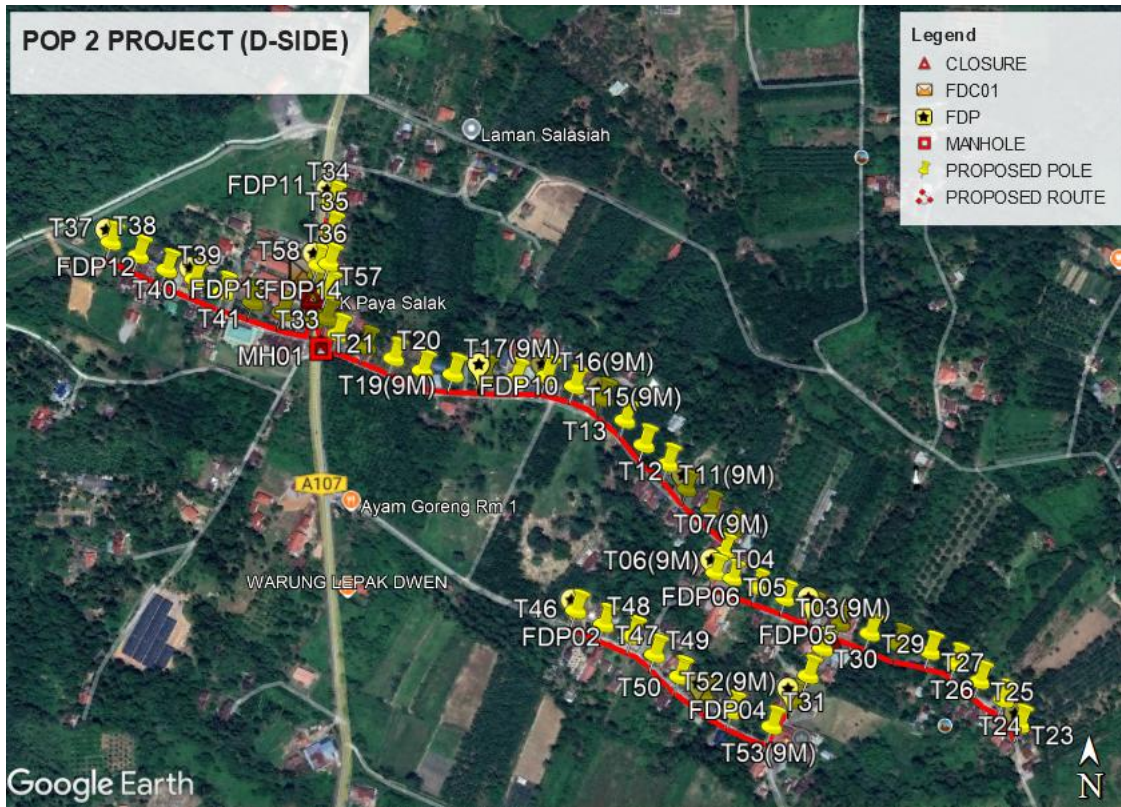
Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	1ea	70m
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	10pcs	360m
		Majlis	48pcs	1635m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				2065m

Site Plan – KMZ (Overview site area)

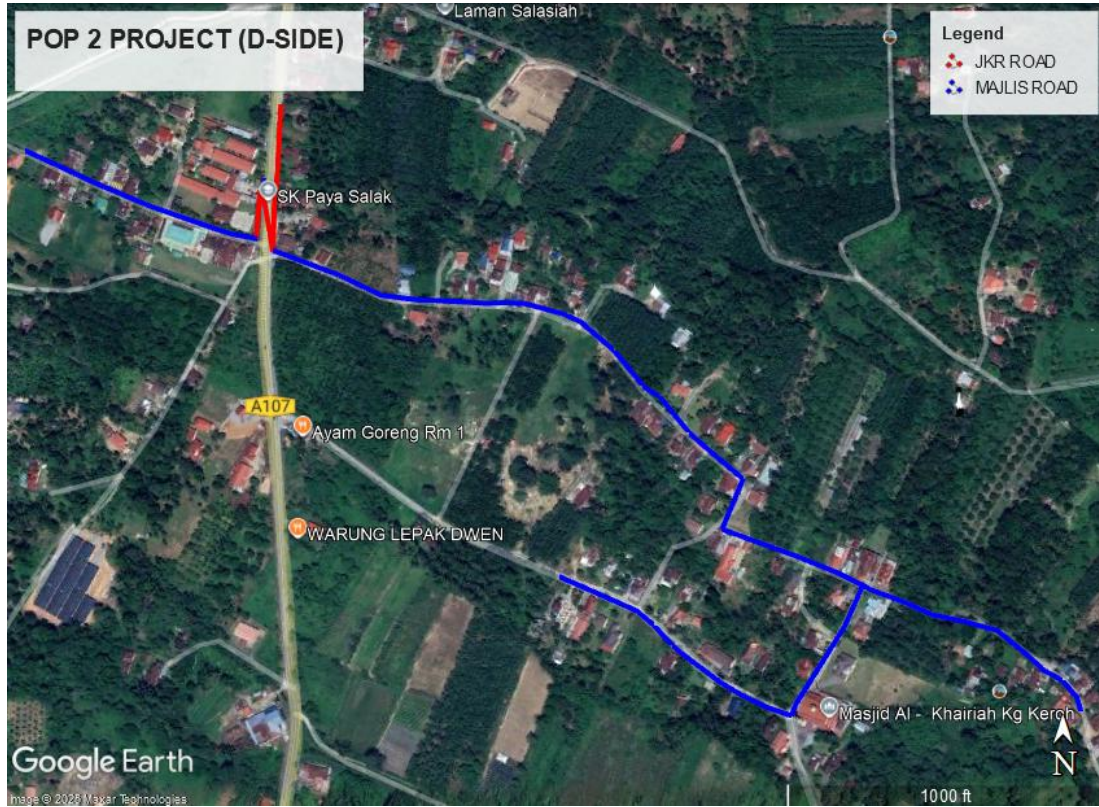
Proposed FDP & Closure



Proposed New Pole



Site Plan – KMZ Routing (All Local Authority)

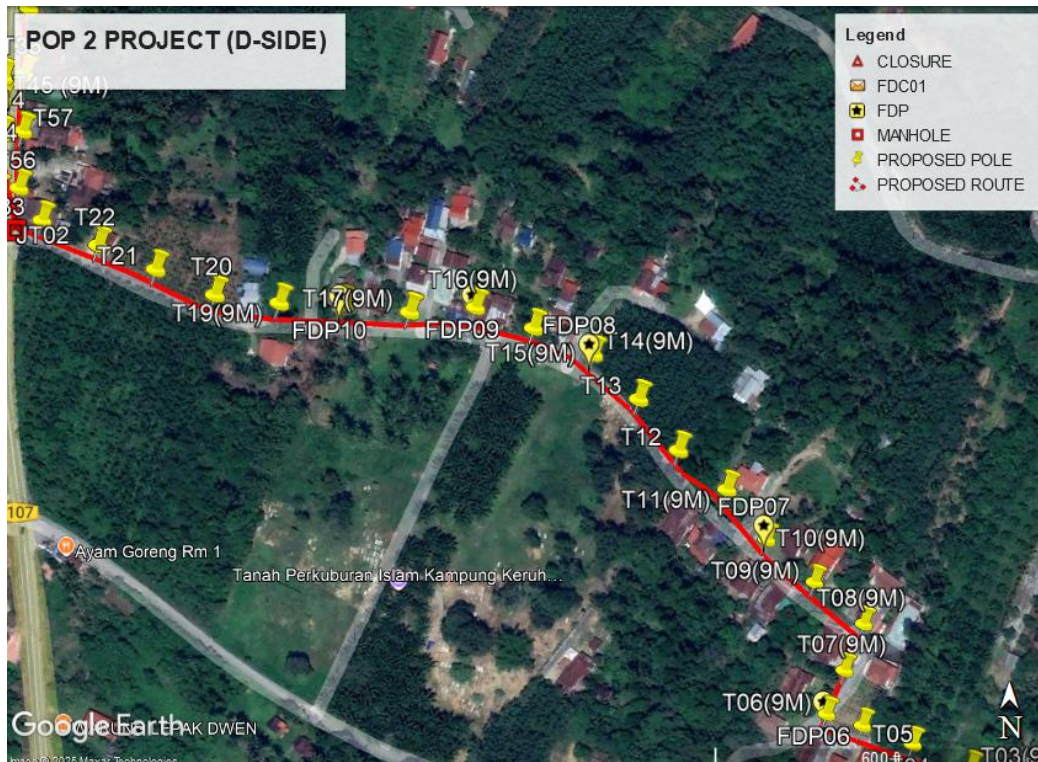
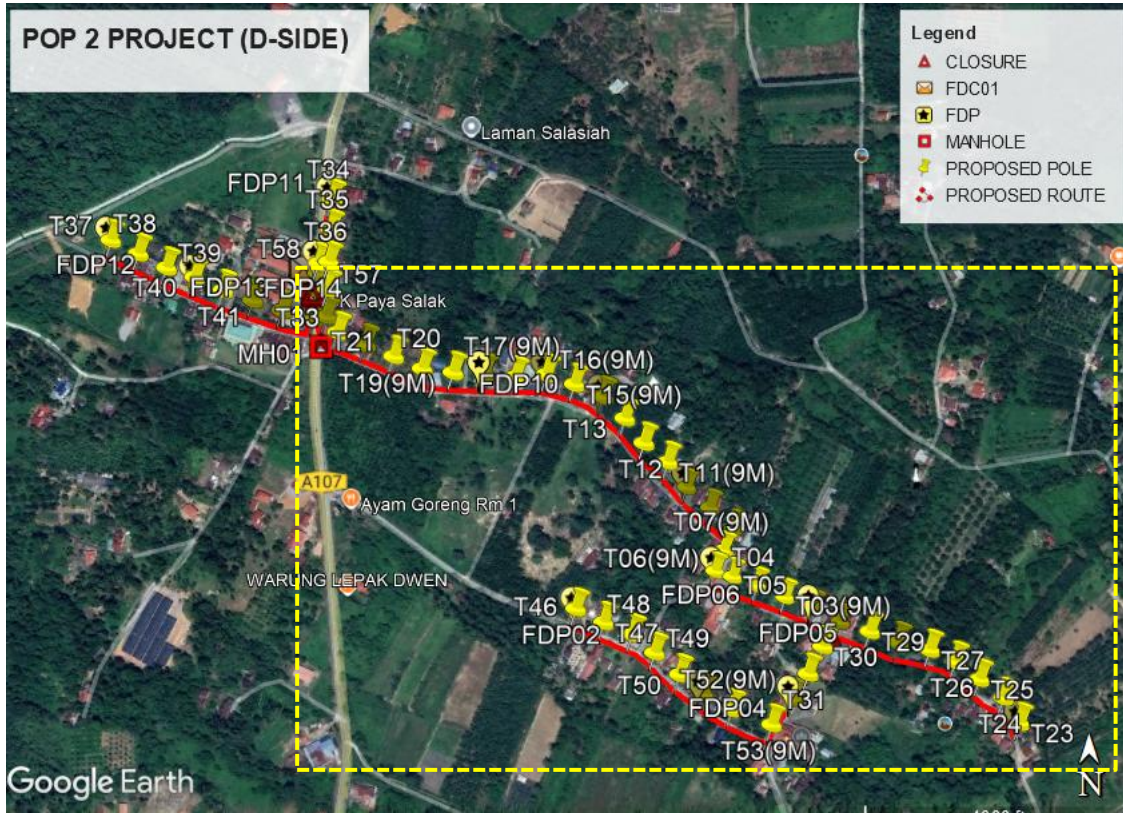


Blue Colour – Majlis Perbandaran Kuala Kangsar

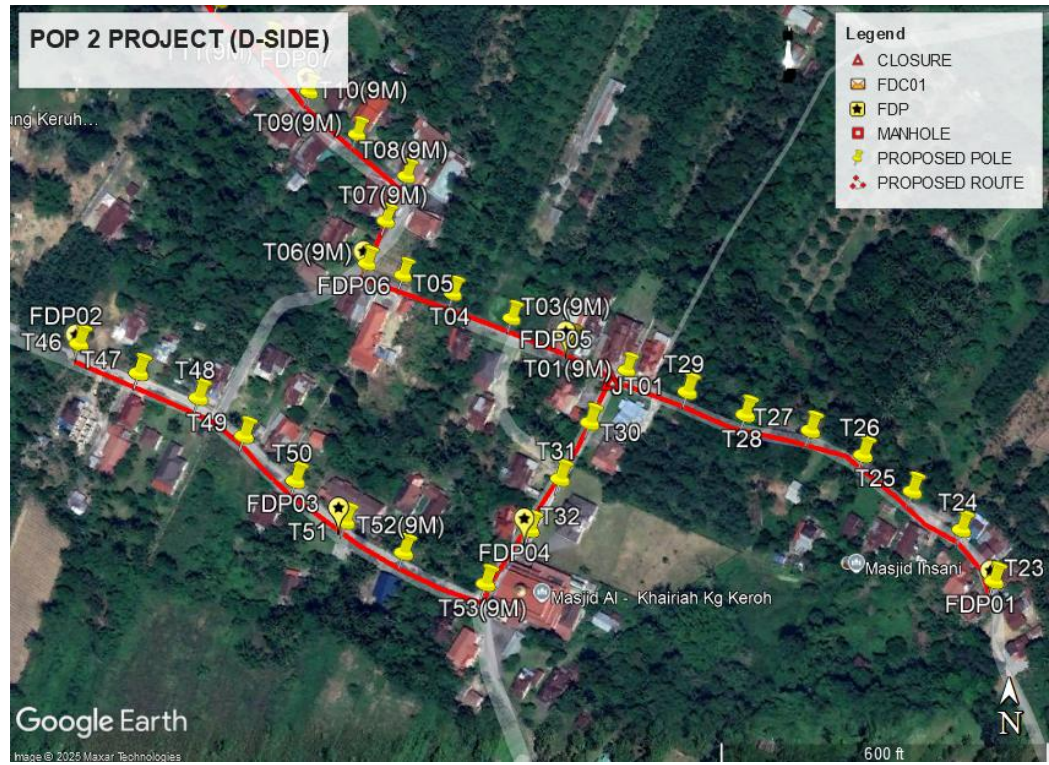
Red Colour – JKR Kuala Kangsar

Site Plan – KMZ Routing (All site area)

Route 1

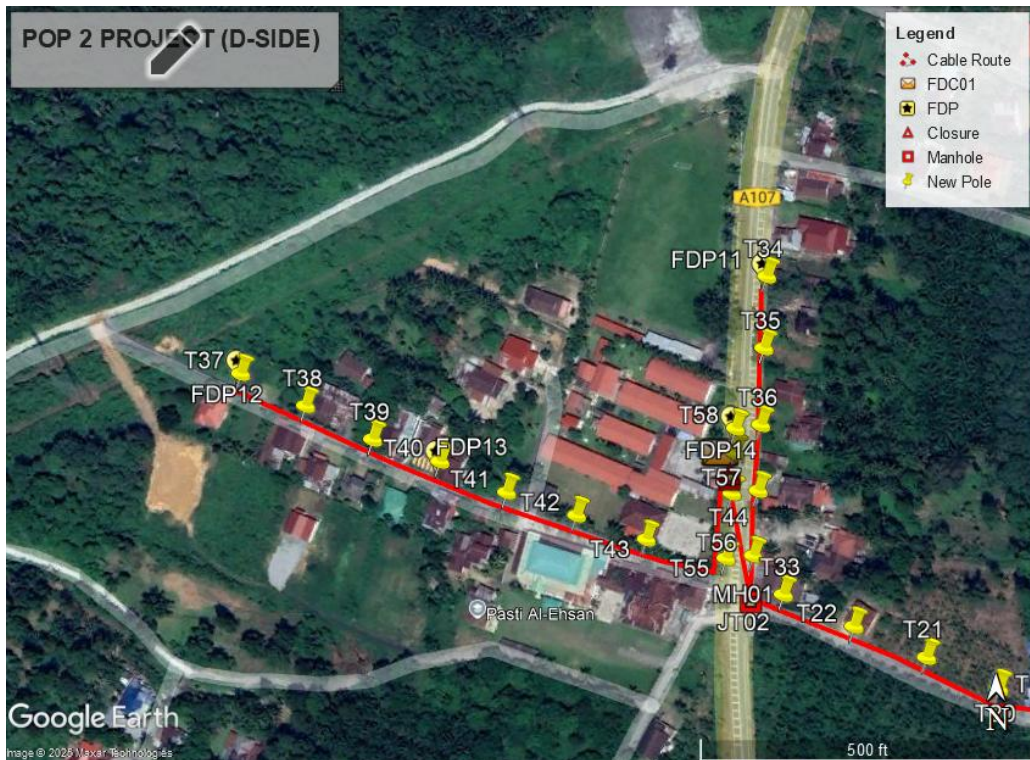
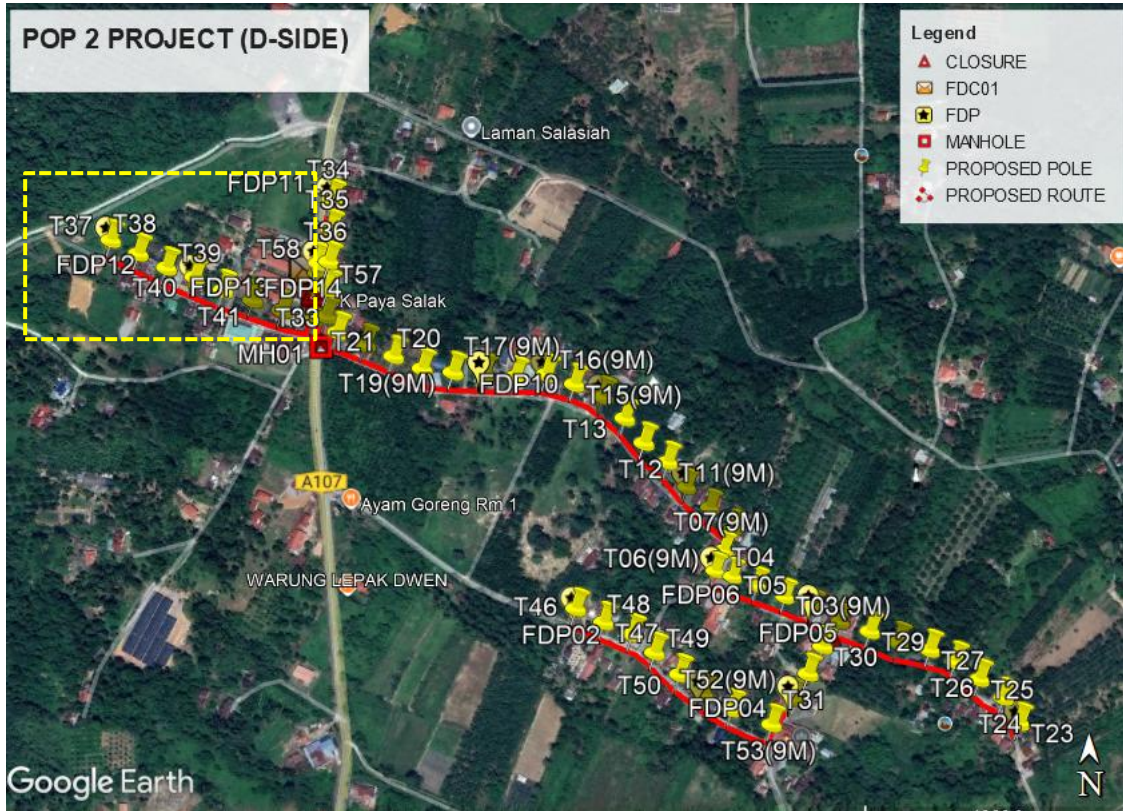


Route 1.1



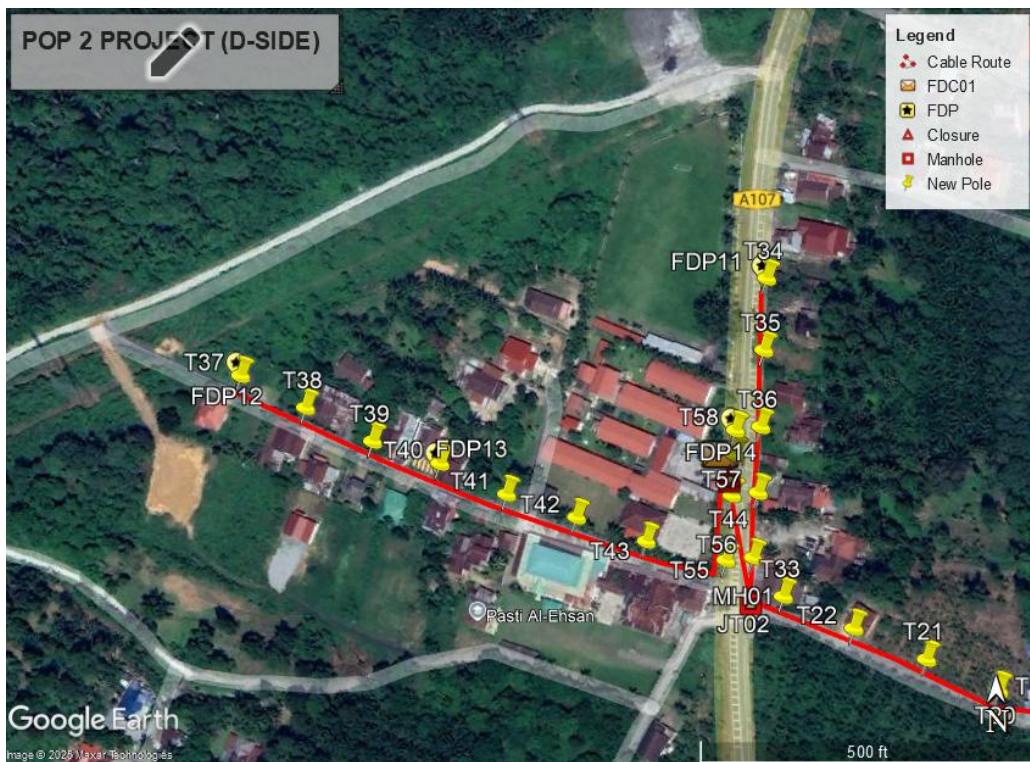
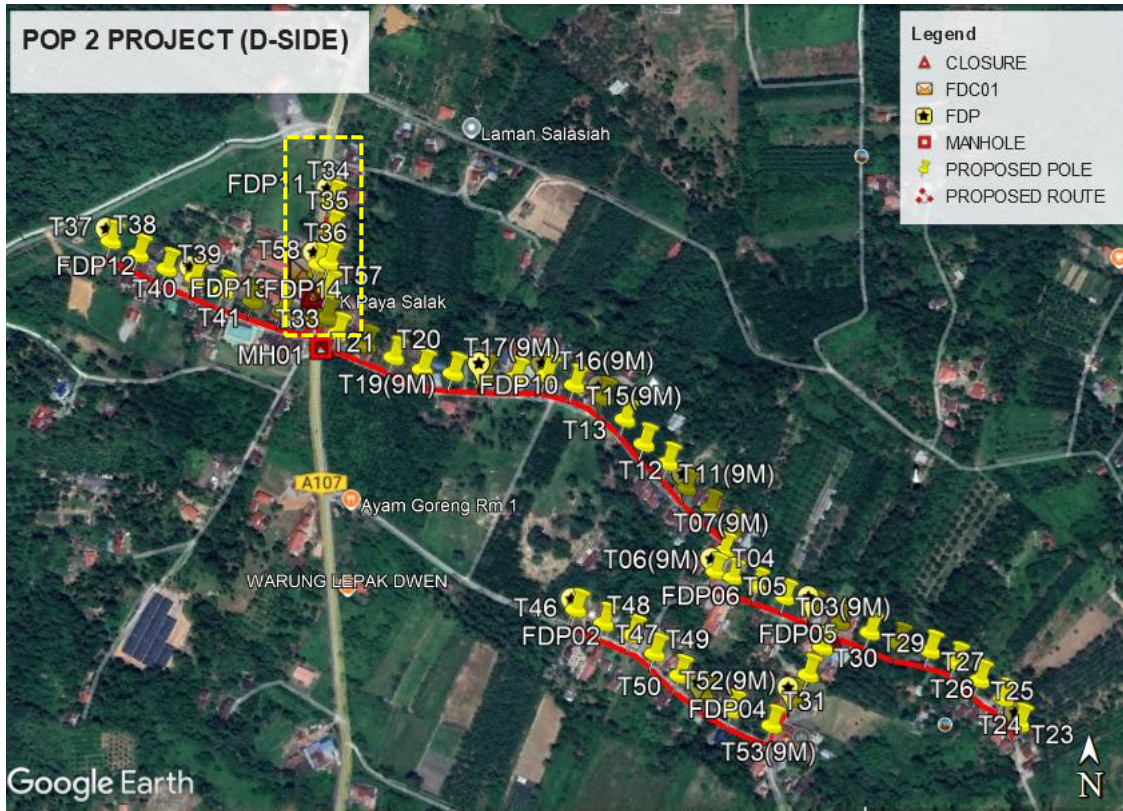
Route 1.2

Route 2



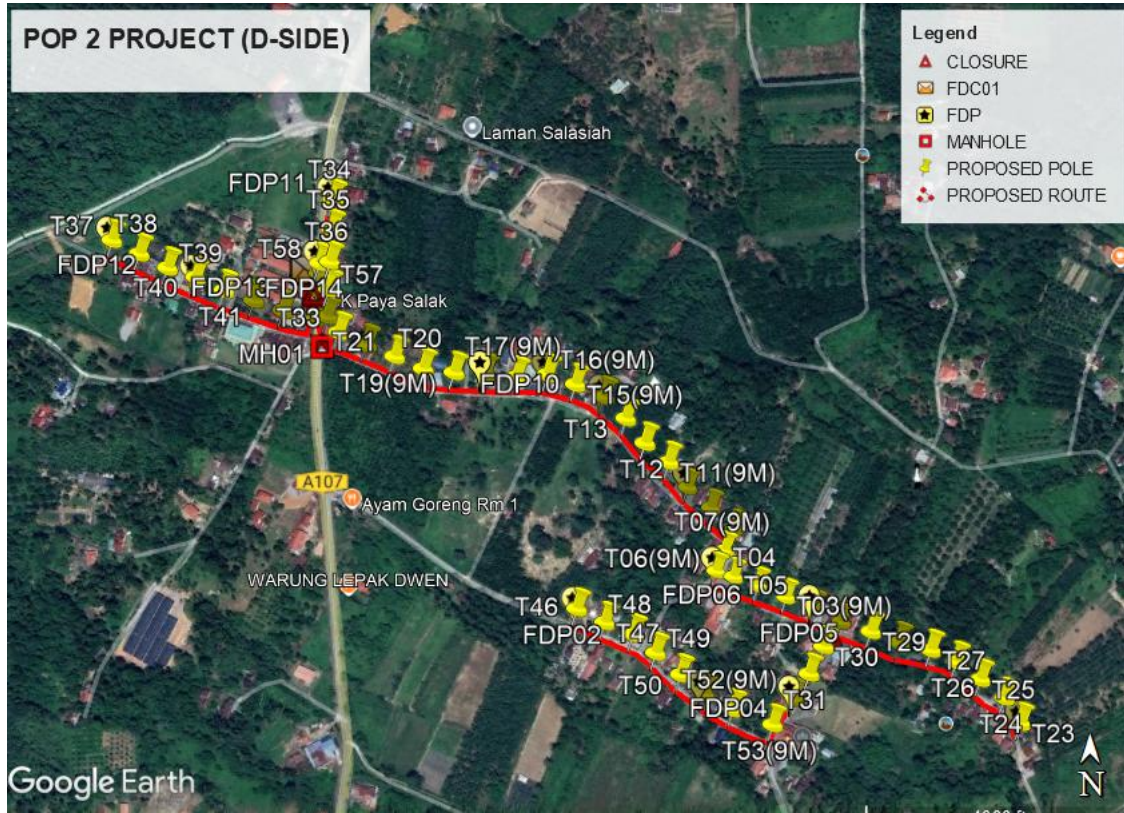
Route 2.1

Route 3



Route 3.1

Site Plan – KMZ Routing (Proposed New Pole)



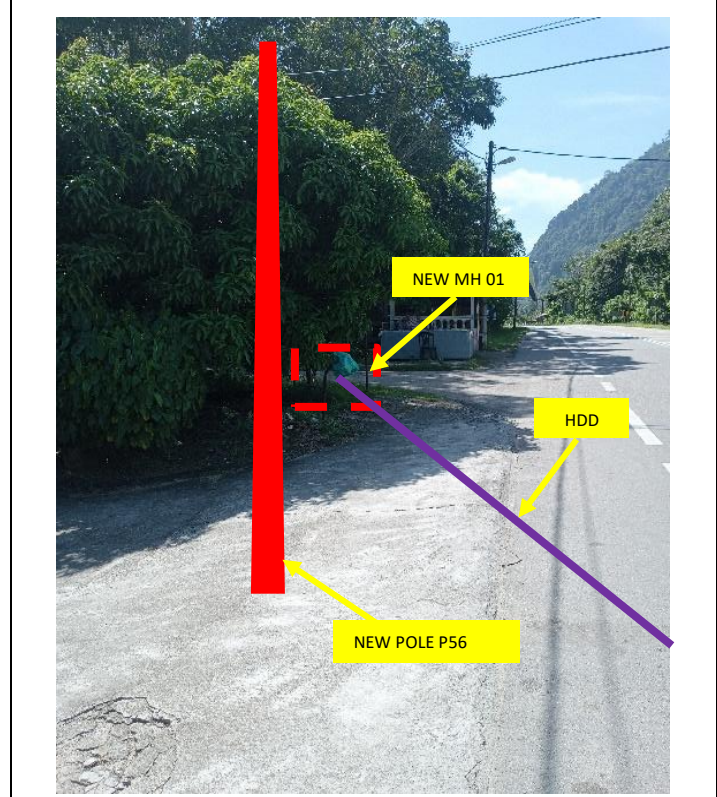
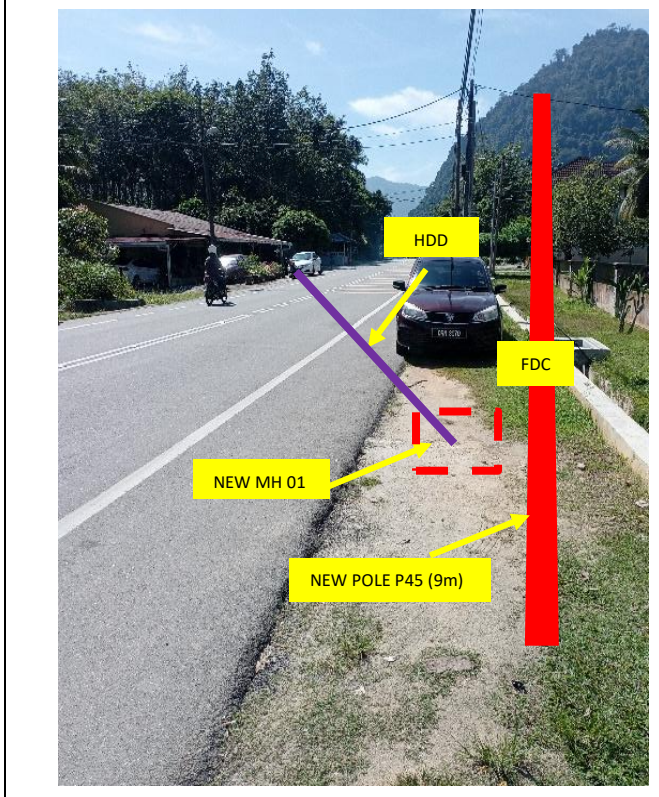
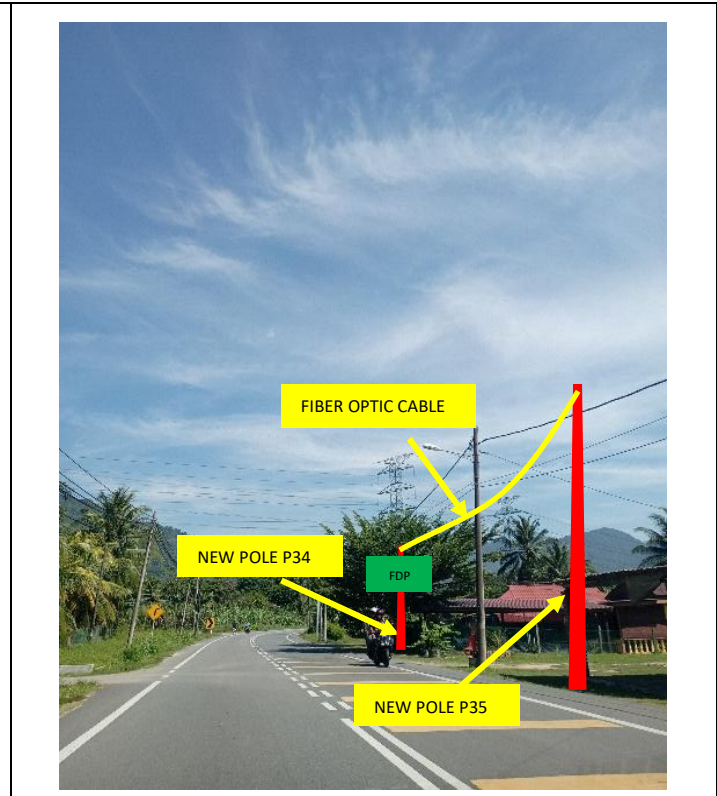
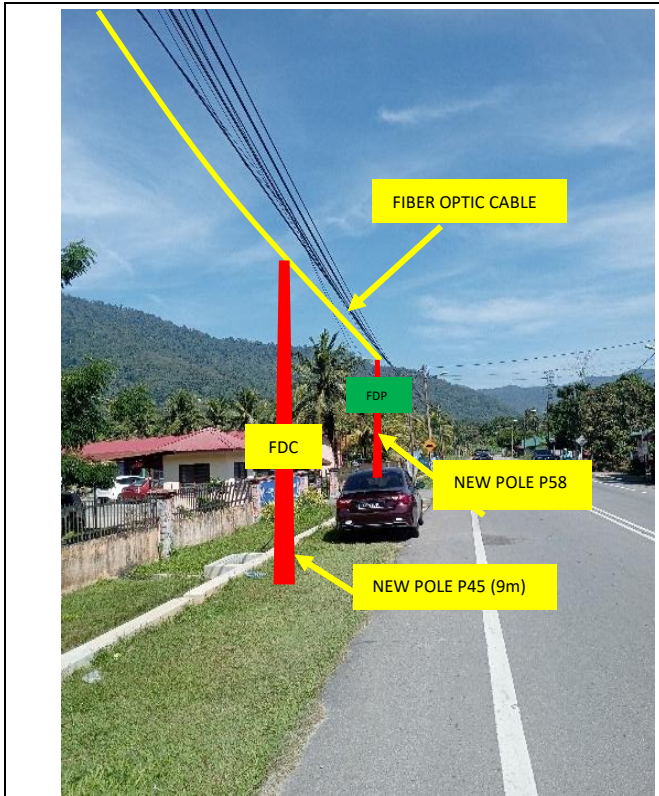
Overall Pole (Proposed New)

No.	Pole & Manhole ID	Distance	Latitude	Longitude	Local Authority
1	FDC	35	4.795704	100.841700	Majlis Perbandaran Kuala Kangsar
2	T001(9M)	35	4.792199	100.847070	Majlis Perbandaran Kuala Kangsar
3	T002(9M)	35	4.792340	100.846790	Majlis Perbandaran Kuala Kangsar
4	T003(9M)	35	4.792454	100.846499	Majlis Perbandaran Kuala Kangsar
5	T004	35	4.792575	100.846210	Majlis Perbandaran Kuala Kangsar
6	T005	35	4.792665	100.845965	Majlis Perbandaran Kuala Kangsar
7	T006(9M)	35	4.792721	100.845788	Majlis Perbandaran Kuala Kangsar
8	T007(9M)	35	4.792932	100.845878	Majlis Perbandaran Kuala Kangsar
9	T008(9M)	35	4.793156	100.845978	Majlis Perbandaran Kuala Kangsar
10	T009(9M)	35	4.793361	100.845735	Majlis Perbandaran Kuala Kangsar
11	T010(9M)	35	4.793570	100.845499	Majlis Perbandaran Kuala Kangsar
12	T011(9M)	35	4.793809	100.845300	Majlis Perbandaran Kuala Kangsar
13	T012	35	4.794002	100.845058	Majlis Perbandaran Kuala Kangsar
14	T013	30	4.794252	100.844863	Majlis Perbandaran Kuala Kangsar
15	T014(9M)	35	4.794470	100.844642	Majlis Perbandaran Kuala Kangsar
16	T015(9M)	35	4.794597	100.844351	Majlis Perbandaran Kuala Kangsar
17	T016(9M)	35	4.794696	100.844068	Majlis Perbandaran Kuala Kangsar
18	T017(9M)	35	4.794671	100.843752	Majlis Perbandaran Kuala Kangsar
19	T018(9M)	20	4.794705	100.843438	Majlis Perbandaran Kuala Kangsar
20	T019(9M)	20	4.794714	100.843127	Majlis Perbandaran Kuala Kangsar
21	T020	20	4.794752	100.842816	Majlis Perbandaran Kuala Kangsar
22	T021	25	4.794877	100.842524	Majlis Perbandaran Kuala Kangsar
23	T022	35	4.794997	100.842232	Majlis Perbandaran Kuala Kangsar
24	T023	35	4.791137	100.848916	Majlis Perbandaran Kuala Kangsar
25	T024	35	4.791395	100.848750	Majlis Perbandaran Kuala Kangsar
26	T025	35	4.791588	100.848500	Majlis Perbandaran Kuala Kangsar
27	T026	35	4.791770	100.848248	Majlis Perbandaran Kuala Kangsar
28	T027	35	4.791893	100.847983	Majlis Perbandaran Kuala Kangsar
29	T028	35	4.791971	100.847657	Majlis Perbandaran Kuala Kangsar
30	T029	35	4.792085	100.847368	Majlis Perbandaran Kuala Kangsar
31	T030	35	4.791932	100.846885	Majlis Perbandaran Kuala Kangsar
32	T031	35	4.791654	100.846737	Majlis Perbandaran Kuala Kangsar
33	T032	35	4.791402	100.846586	Majlis Perbandaran Kuala Kangsar
34	T033	35	4.795124	100.841944	JKR Kuala Kangsar
35	T034	35	4.796474	100.841882	JKR Kuala Kangsar
36	T035	35	4.796168	100.841867	JKR Kuala Kangsar
37	T036	35	4.795842	100.841852	Majlis Perbandaran Kuala Kangsar

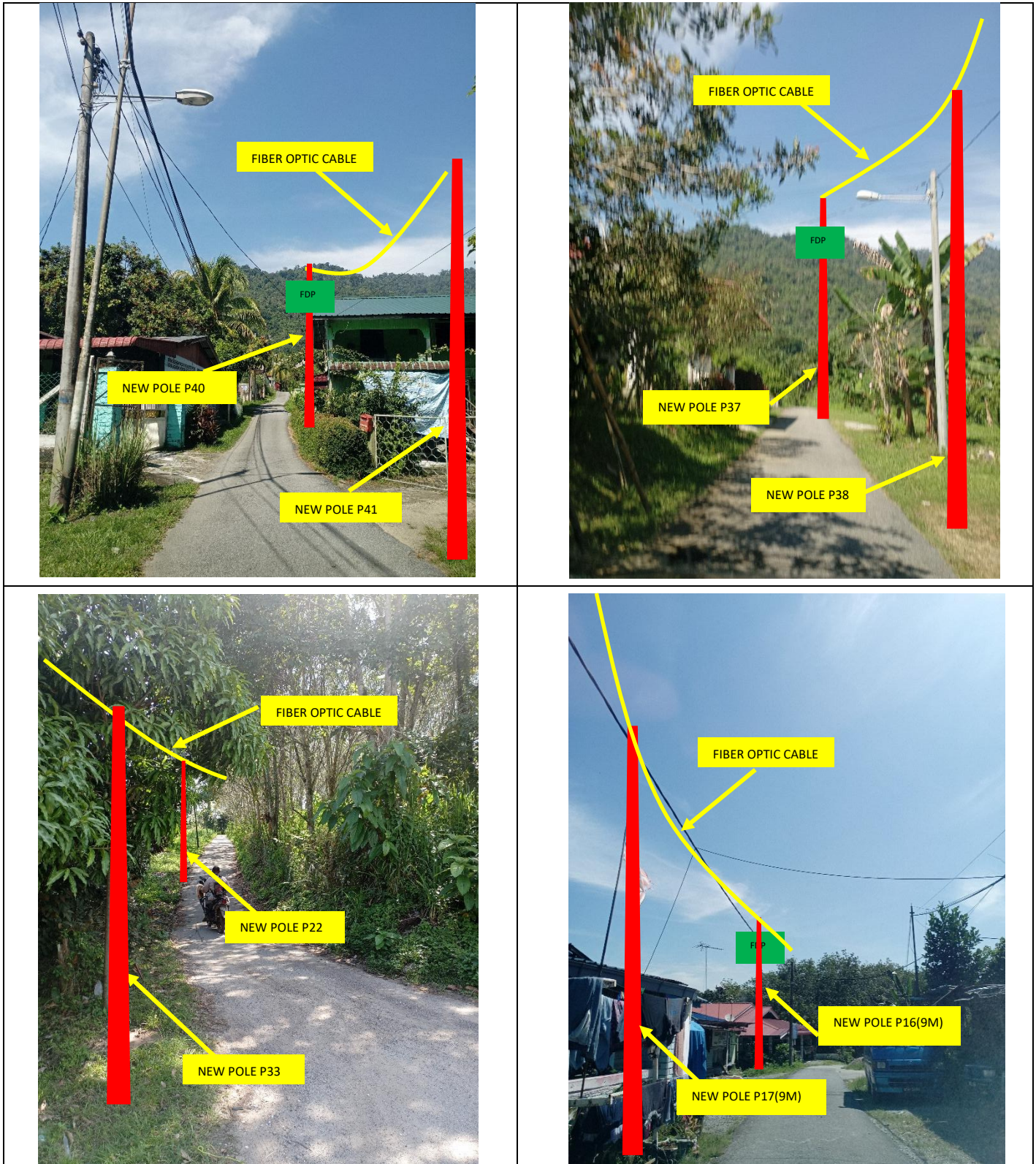
38	T037	35	4.796059	100.839636	Majlis Perbandaran Kuala Kangsar
39	T038	35	4.795923	100.839912	Majlis Perbandaran Kuala Kangsar
40	T039	35	4.795780	100.840198	Majlis Perbandaran Kuala Kangsar
41	T040	35	4.795686	100.840484	Majlis Perbandaran Kuala Kangsar
42	T041	35	4.795553	100.840768	Majlis Perbandaran Kuala Kangsar
43	T042	35	4.795454	100.841068	Majlis Perbandaran Kuala Kangsar
44	T043	35	4.795350	100.841369	Majlis Perbandaran Kuala Kangsar
45	T044	35	4.795550	100.841730	JKR Kuala Kangsar
46	T045(9M)	35	4.795724	100.841740	JKR Kuala Kangsar
47	T046	35	4.792321	100.844365	Majlis Perbandaran Kuala Kangsar
48	T047	35	4.792177	100.844649	Majlis Perbandaran Kuala Kangsar
49	T048	35	4.792055	100.844942	Majlis Perbandaran Kuala Kangsar
50	T049	35	4.791866	100.845170	Majlis Perbandaran Kuala Kangsar
51	T050	35	4.791644	100.845423	Majlis Perbandaran Kuala Kangsar
52	T051	355	4.791440	100.845669	Majlis Perbandaran Kuala Kangsar
53	T052(9M)	35	4.791286	100.845959	Majlis Perbandaran Kuala Kangsar
54	T053(9M)	35	4.791132	100.846367	Majlis Perbandaran Kuala Kangsar
55	T054	35	4.795827	100.841745	JKR Kuala Kangsar
56	T055	35	4.795272	100.841707	JKR Kuala Kangsar
57	T056	35	4.795285	100.841821	JKR Kuala Kangsar
58	T057	35	4.795562	100.841841	JKR Kuala Kangsar
59	T058	35	4.795827	100.841745	JKR Kuala Kangsar

Bil	Type	7.5m	9.0m	Total
1	No. of Pole	40	18	58

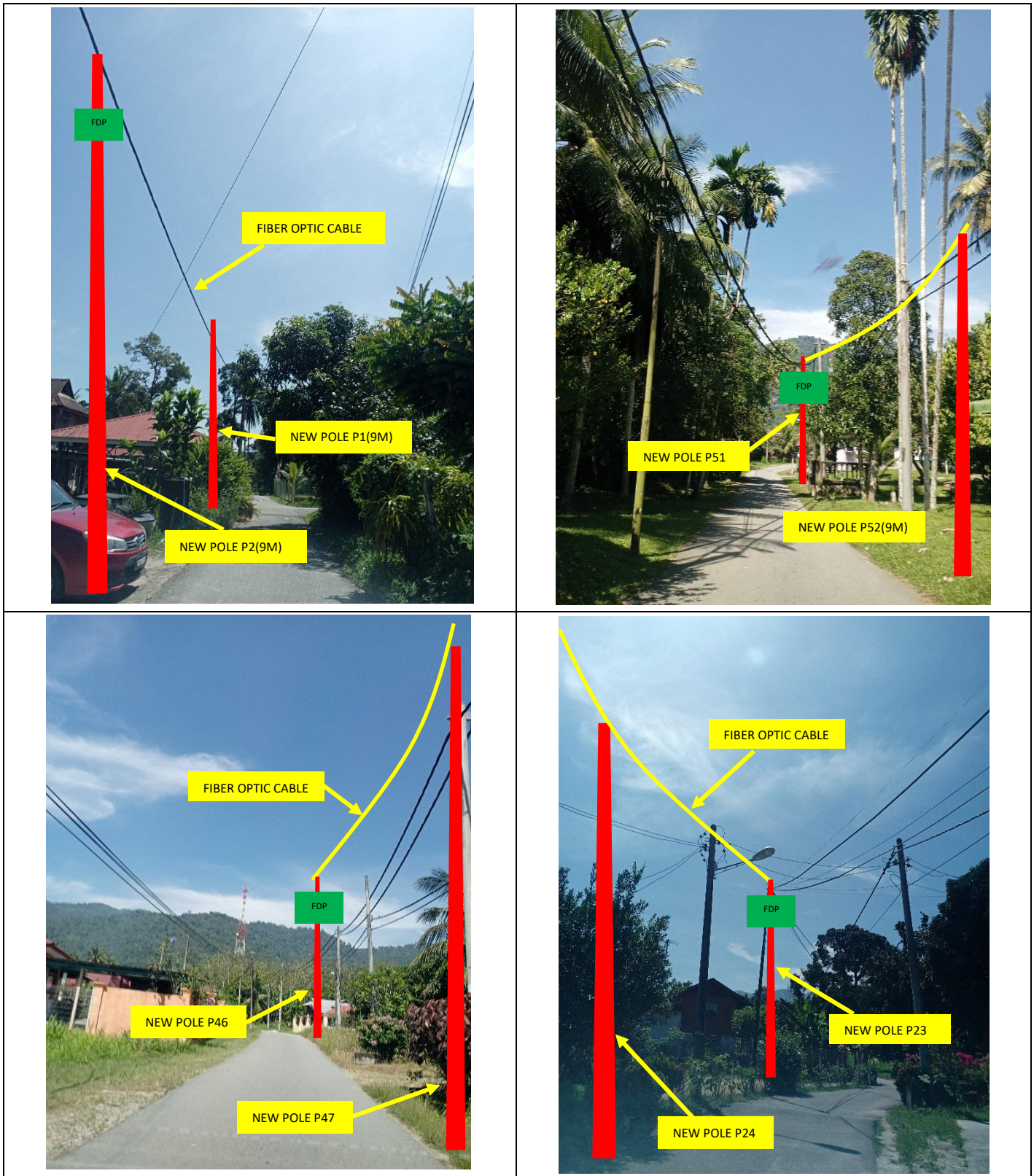
Site Photos – Proposed to install pole



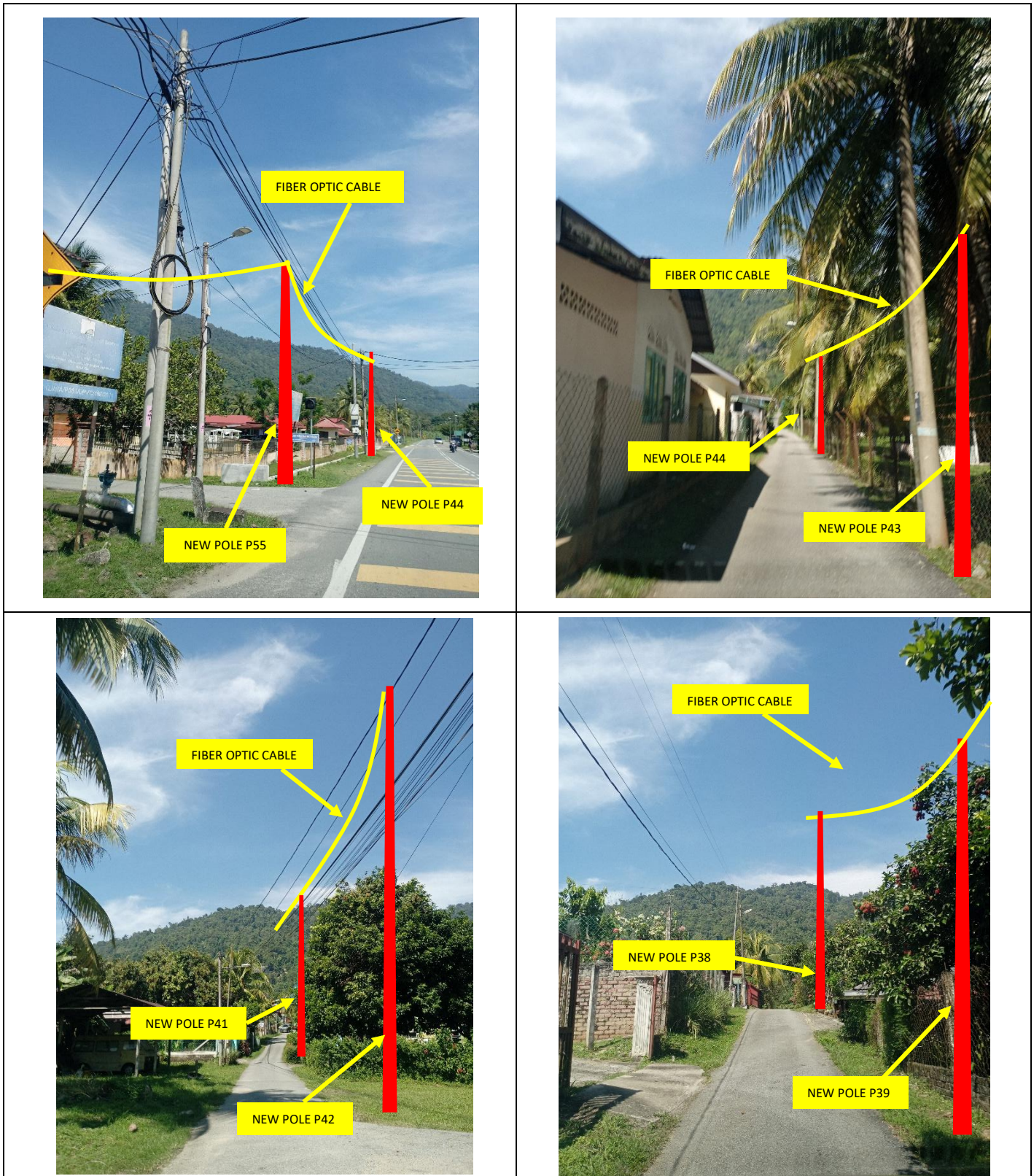
Site Photos – Proposed to install pole



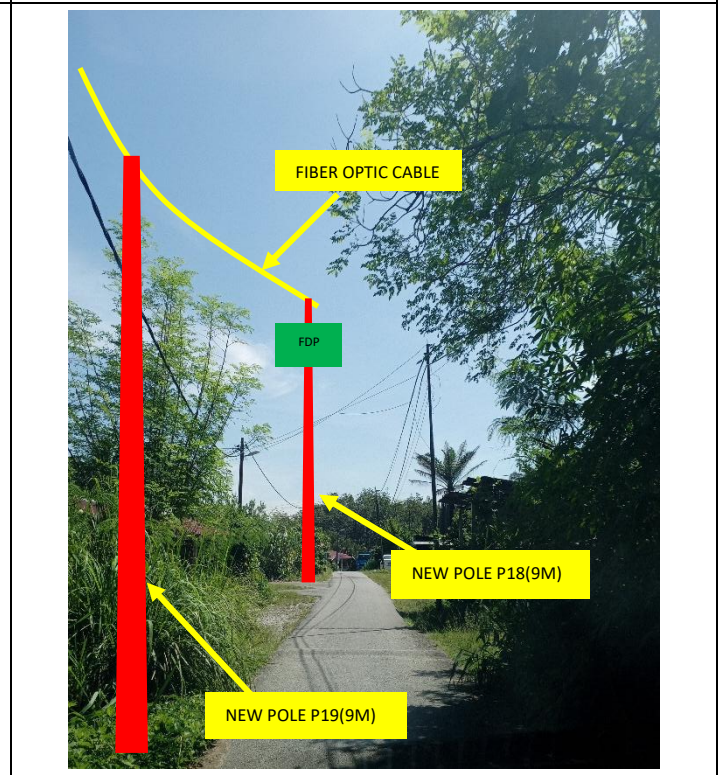
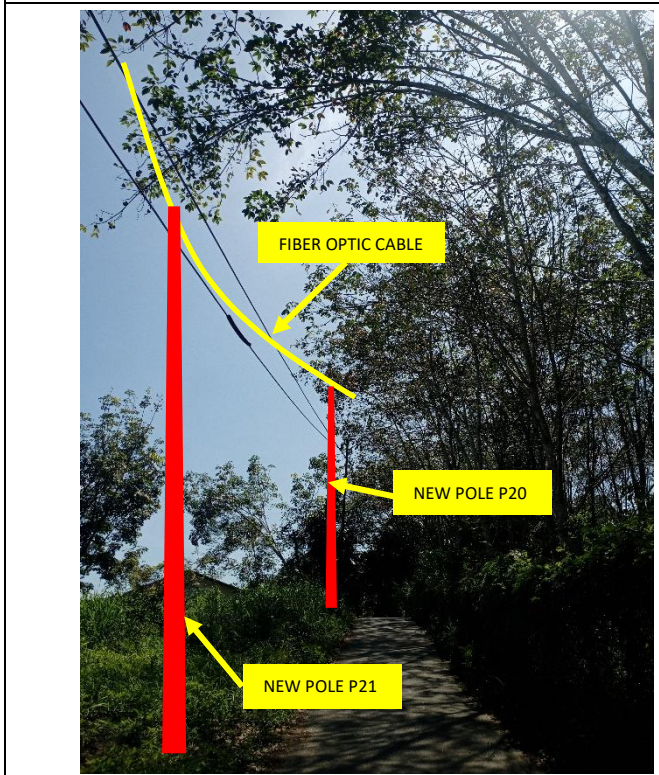
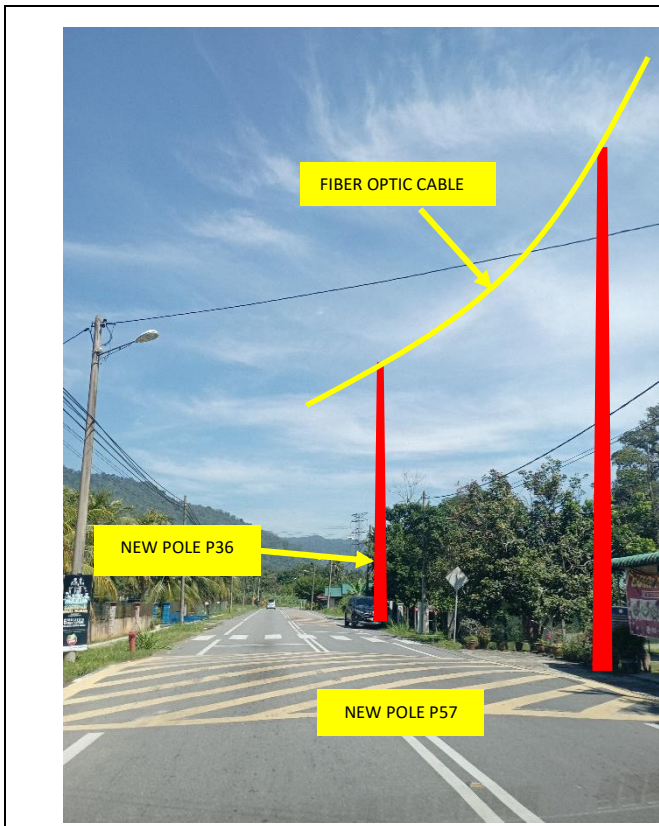
Site Photos – Proposed to install pole



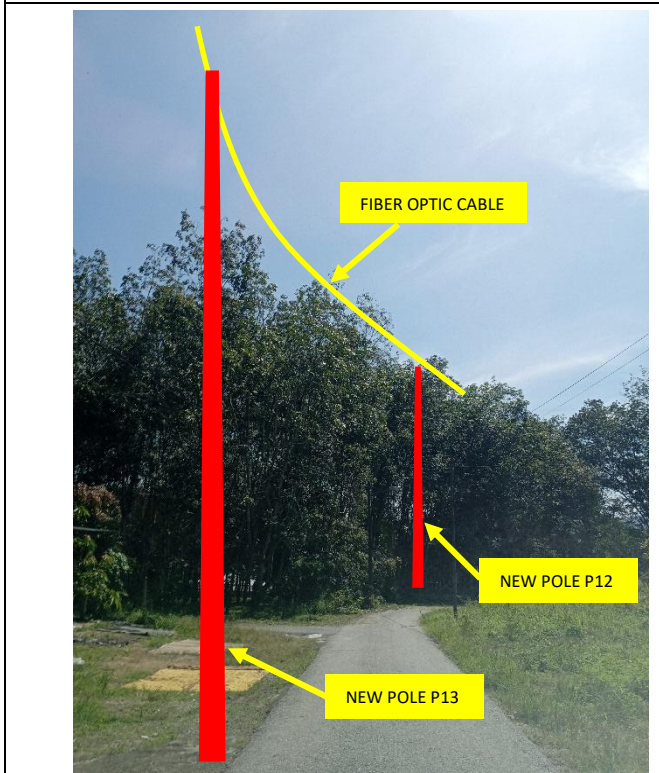
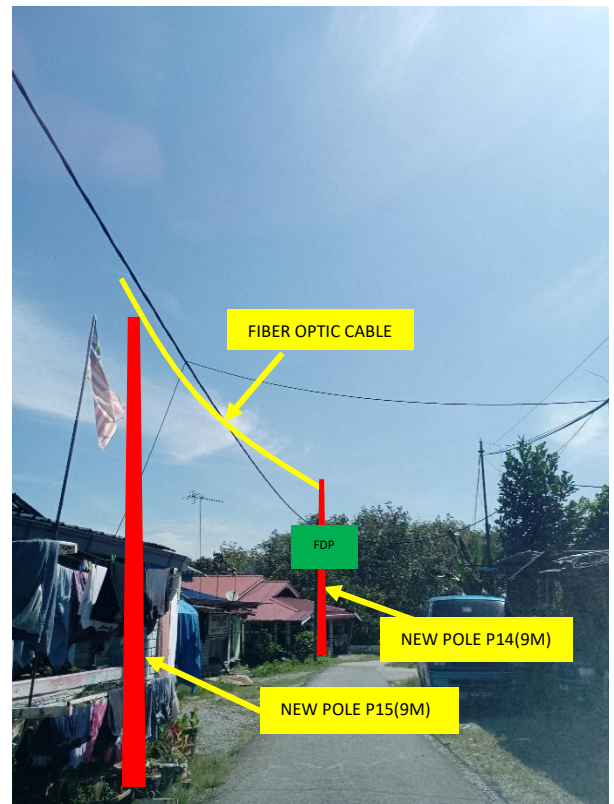
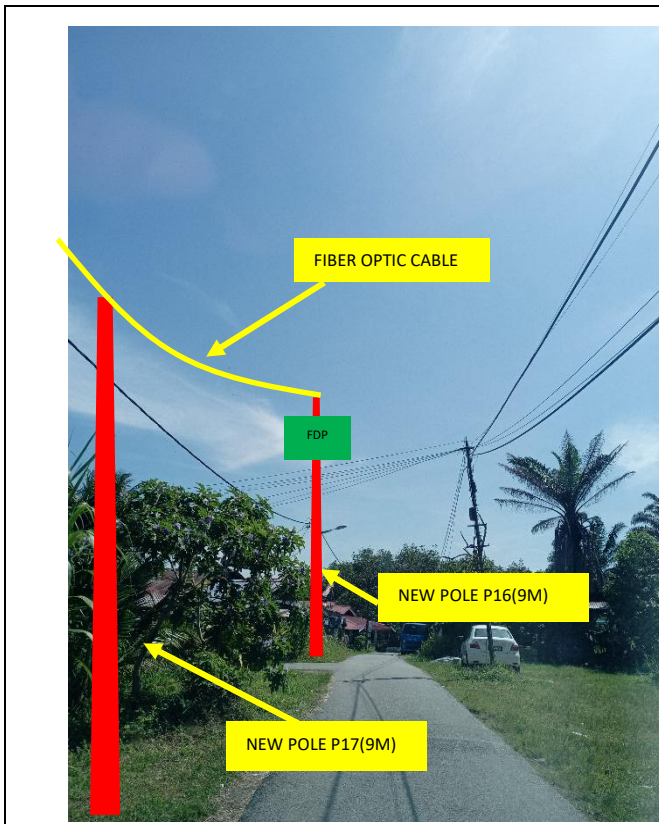
Site Photos – Proposed to install pole



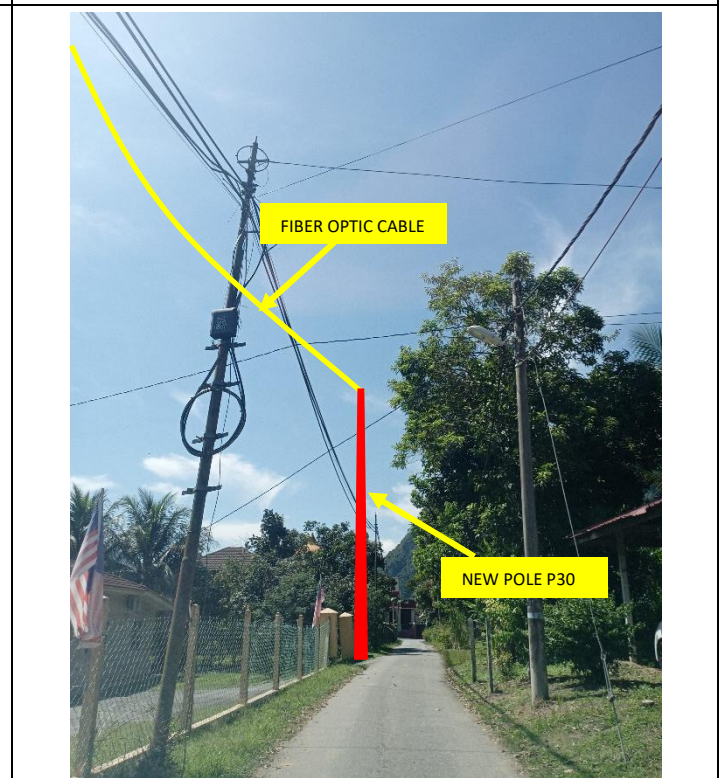
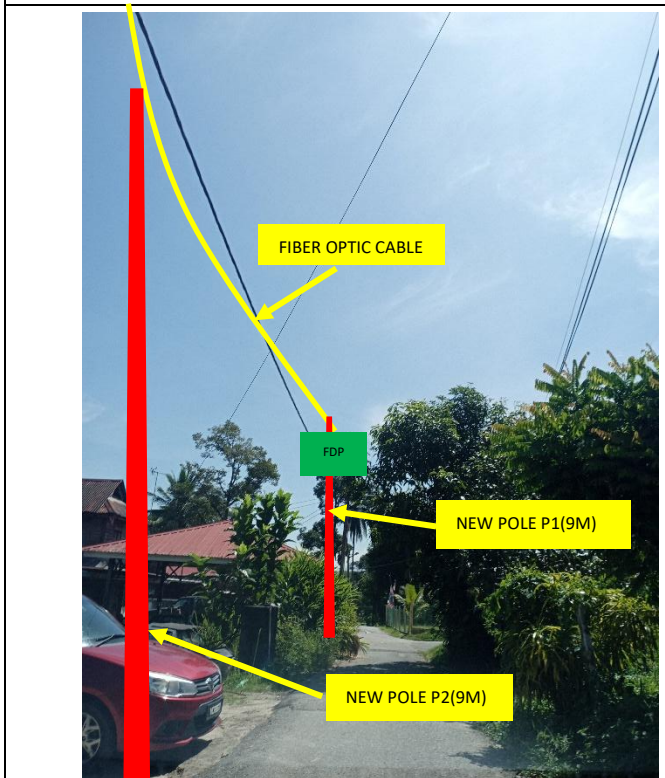
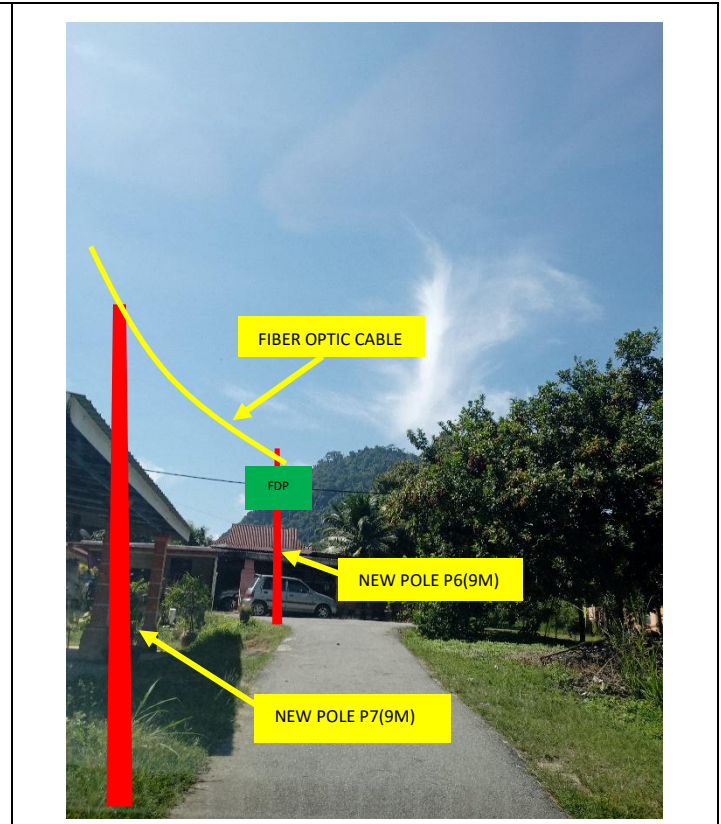
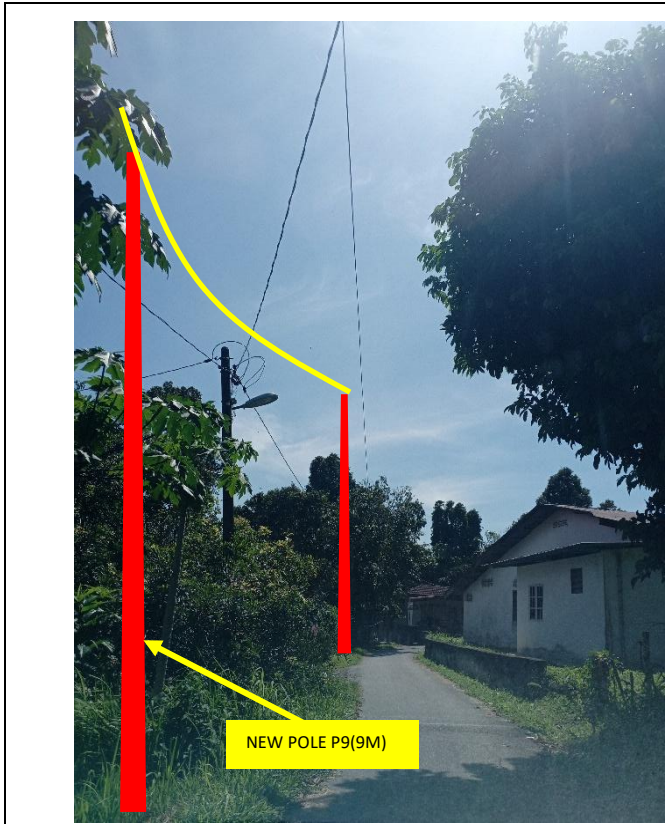
Site Photos – Proposed to install pole



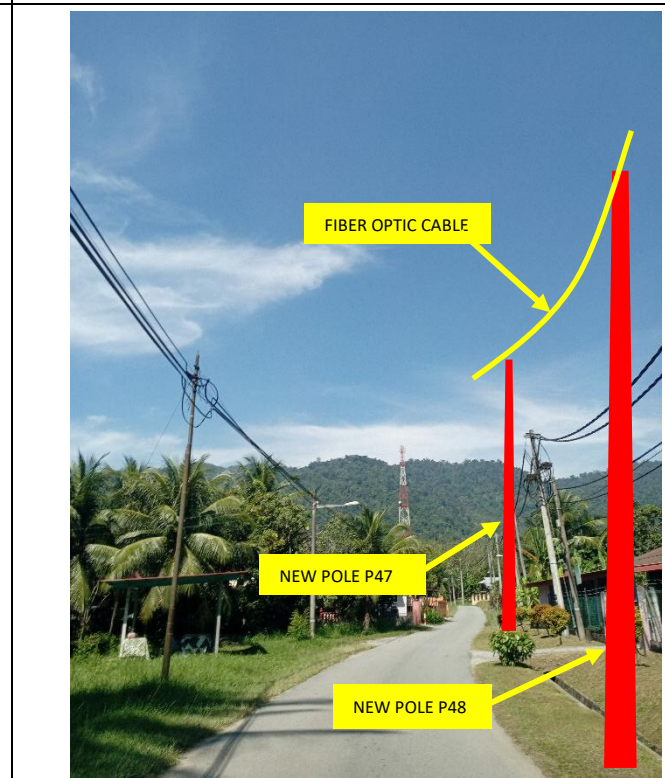
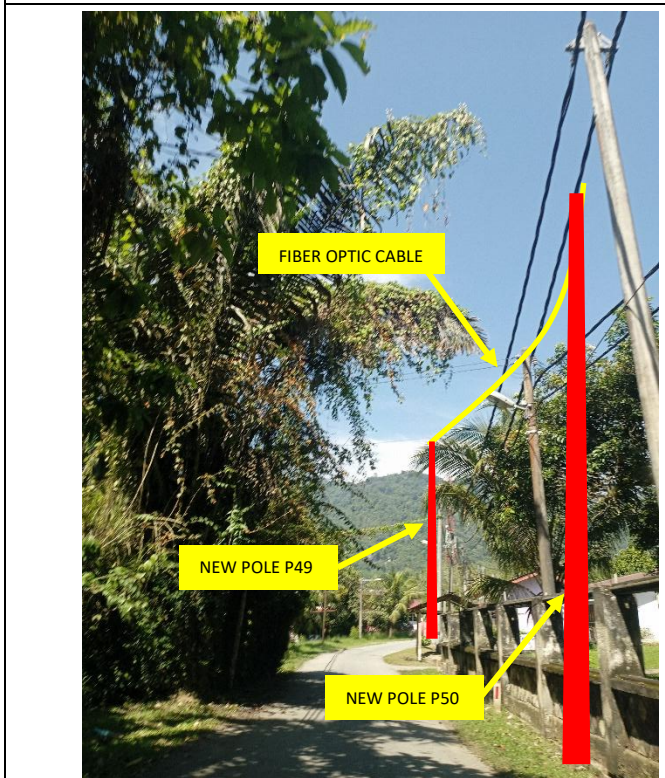
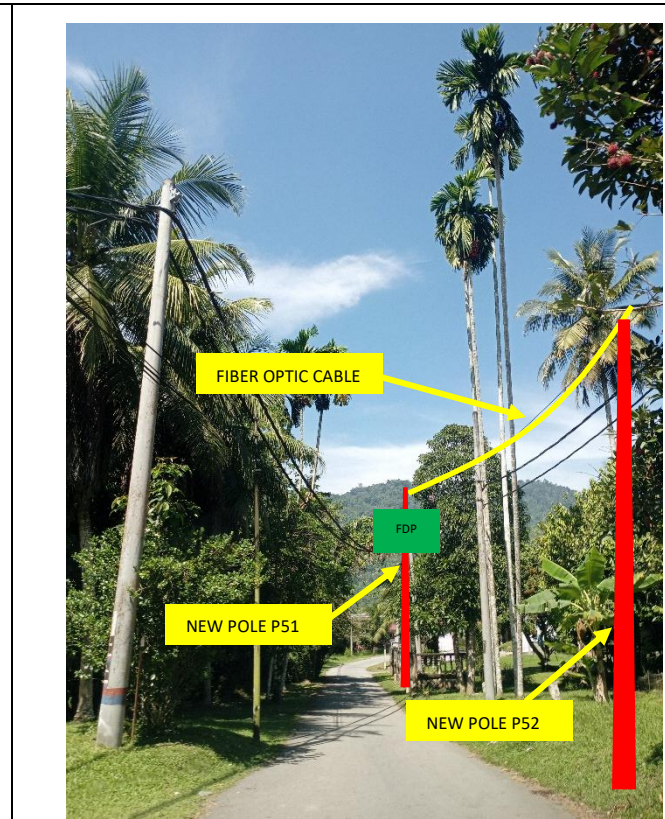
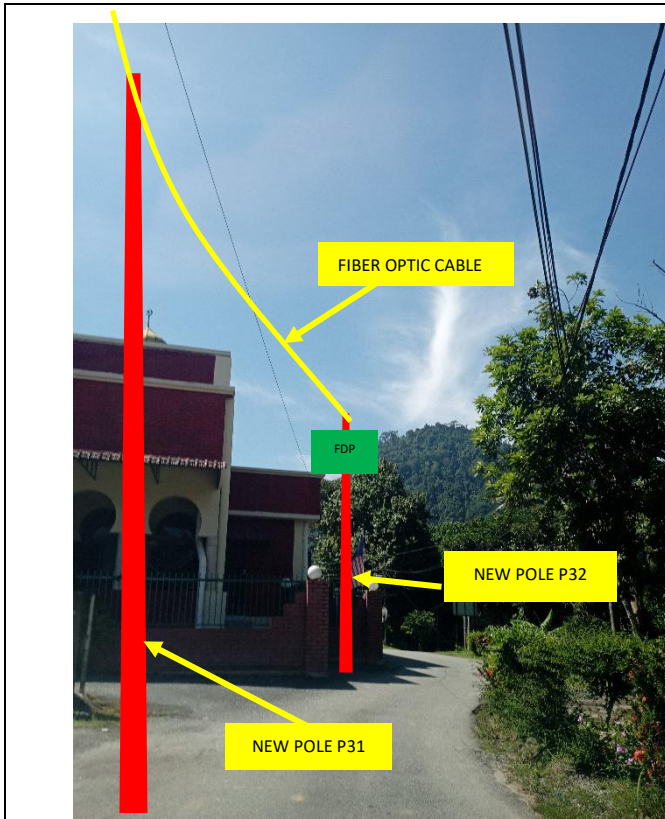
Site Photos – Proposed to install pole



Site Photos – Proposed to install pole



Site Photos – Proposed to install pole



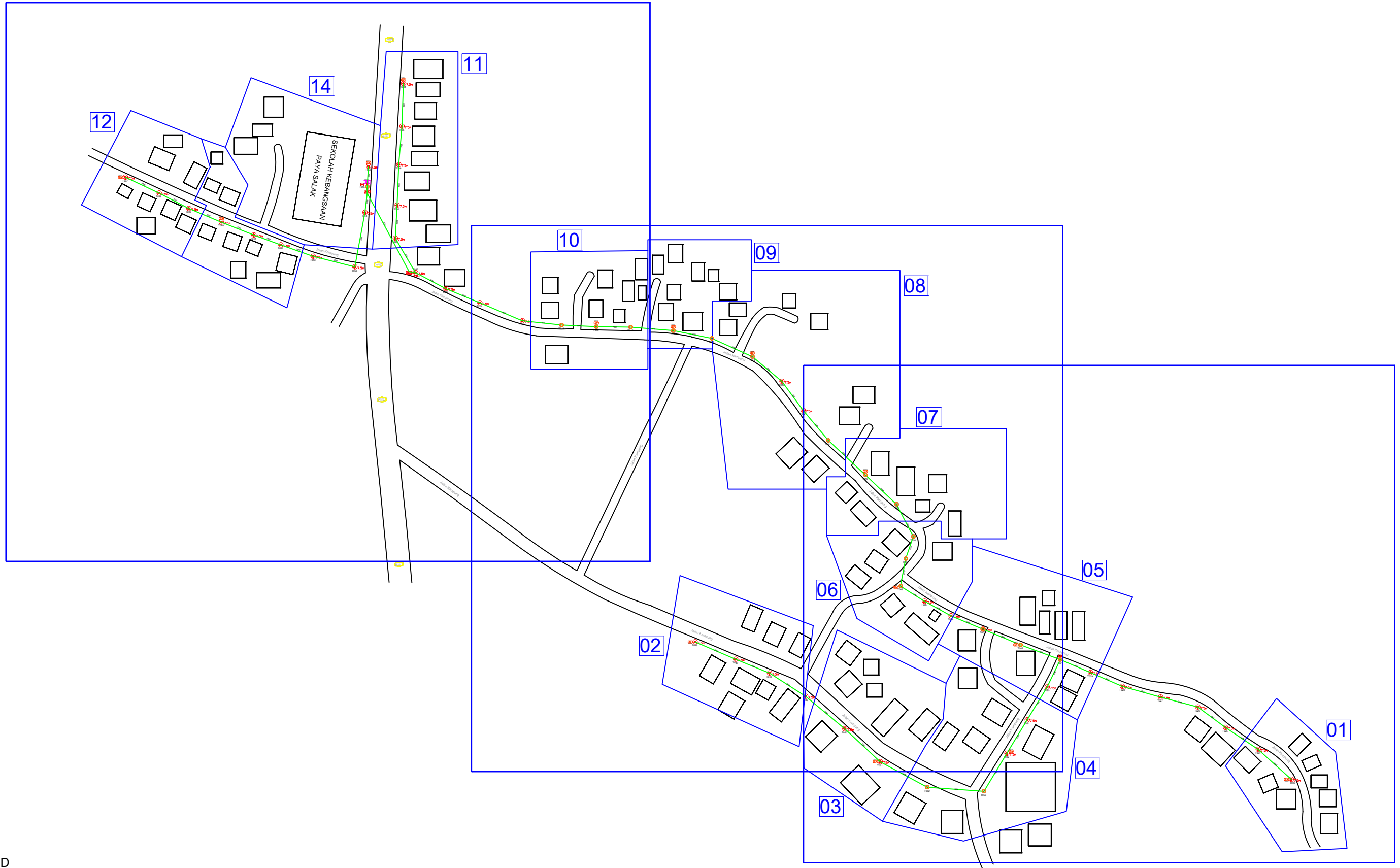
Site Photos – Proposed to install pole



3rd Parties Dependencies

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

SEKOLAH KEBANGSAAN PAYA SALAK



LEGEND

12C FOC	Installed 1:8 splitter in FDC	Installed Pole (9m)	17 ea	MANHOLE (JRC7)	TS / TB Tension Small/Tension Big	HDD	70 Mtr
24C FOC	FDP with (1:8) splitter	Installed Riser	3 ea	House Number	Existing Manhole	GR	
48C FOC	Closure	TENSION	3 ea	Existing TNB Pole	C01 Closure NO.	Existing TNB Pole 11m	SEE A-A in this page
96C FOC	New Manhole (PIT)	SUSPENSION	2 ea	LOOP	FDP1 FDP NO.	Existing TNB Pole NO.	SEE SHEET XXX
144C FOC	Installed Pole (7.5M)	FDC	41 ea	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))

DRAWING TITLE:

D-SIDE - SEKOLAH KEBANGSAAN PAYA SALAK
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 :

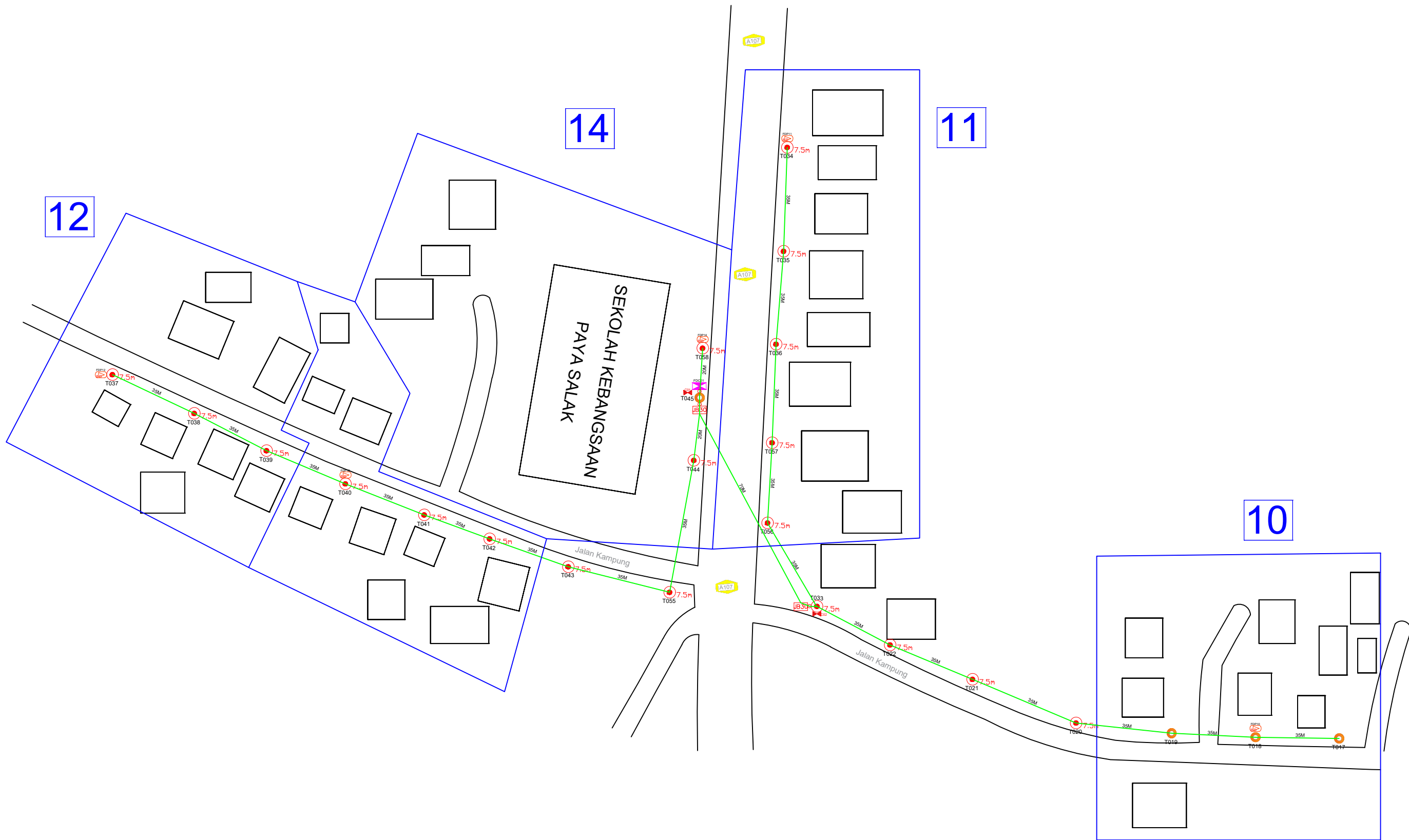
Sheet :

1/5

Size :

A3

SEKOLAH KEBANGSAAN PAYA SALAK



LEGEND

12C FOC	Installed 1:8 splitter in FDC	Installed Pole (9m)	MANHOLE (JRC7)	HDD	70 Mtr
24C FOC	FDP with (1:8) splitter	Installed Riser	House Number	GR	
48C FOC	Closure	TENSION	Existing TNB Pole	Existing TNB Pole 11m	(A) SEE A-A in this page (A)
96C FOC	New Manhole (PIT)	SUSPENSION	LOOP	Existing TNB Pole NO.	(A) SEE SHEET X/XX (A)
144C FOC	Installed Pole (7.5M)	FDC	FDP Boundary	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))

DRAWING TITLE:

D-SIDE - SEKOLAH KEBANGSAAN PAYA SALAK

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 :

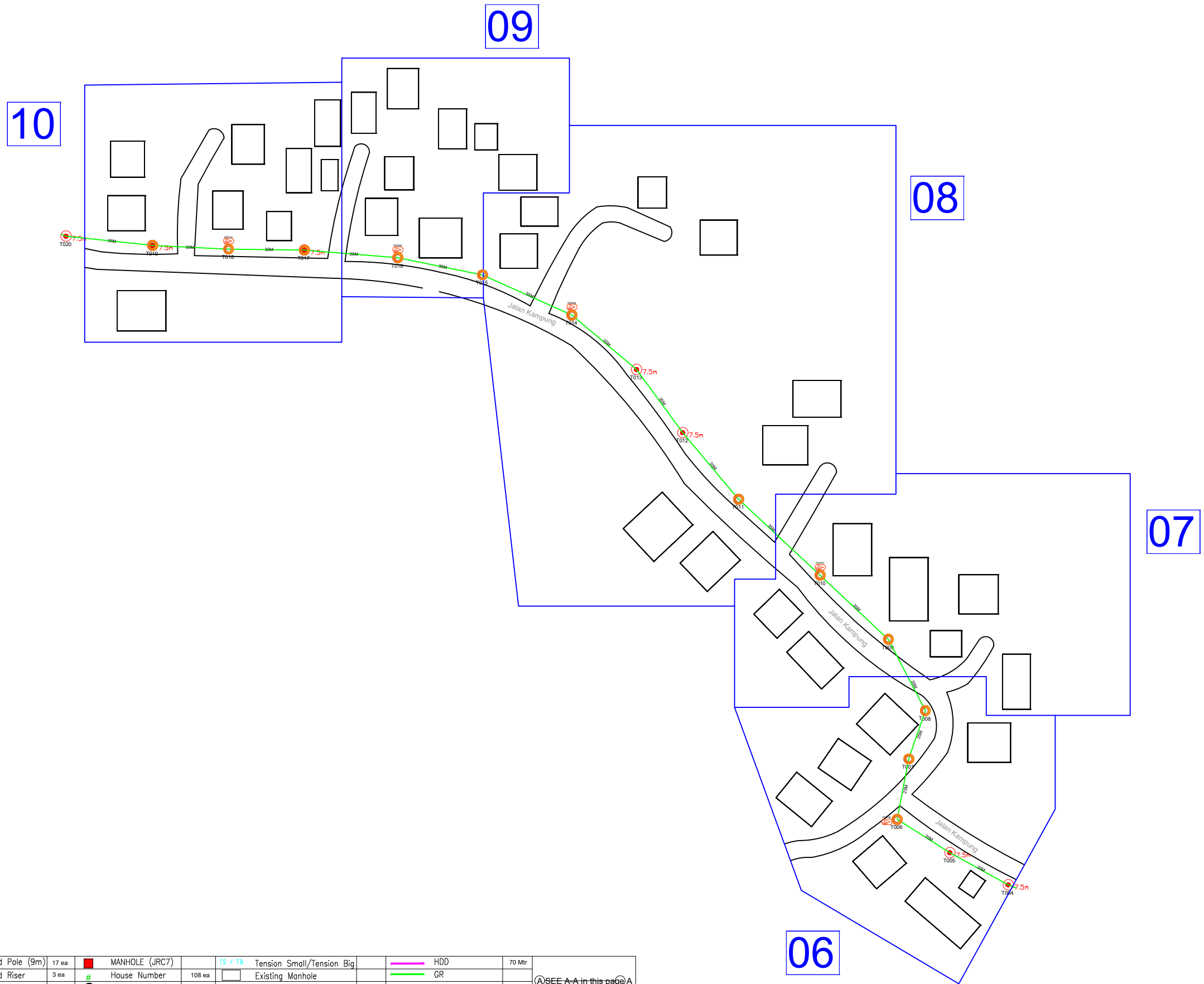
Sheet :

2/5

Size :

A3

SEKOLAH KEBANGSAAN PAYA SALAK



LEGEND

12C FOC	Installed 1:8 splitter in FDC	Installed Pole (9m)	17 ea	MANHOLE (JRC7)	TS / TB Tension Small/Tension Big	HDD	70 Mtr
24C FOC	FDC with (1:8) splitter	Installed Riser	3 ea	House Number	Existing Manhole	GR	
48C FOC	Closure	TENSION		Existing TNB Pole	C01 Closure NO.	Existing TNB Pole 11m	SEE A-A in this page
96C FOC	New Manhole (PIT)	SUSPENSION		LOOP	FDP1 FDP NO.	Existing TNB Pole NO.	SEE SHEET XXX
144C FOC	Installed Pole (7.5M)	FDC	1 ea	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 KEBANGSAAN PAYA SALAK
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 :

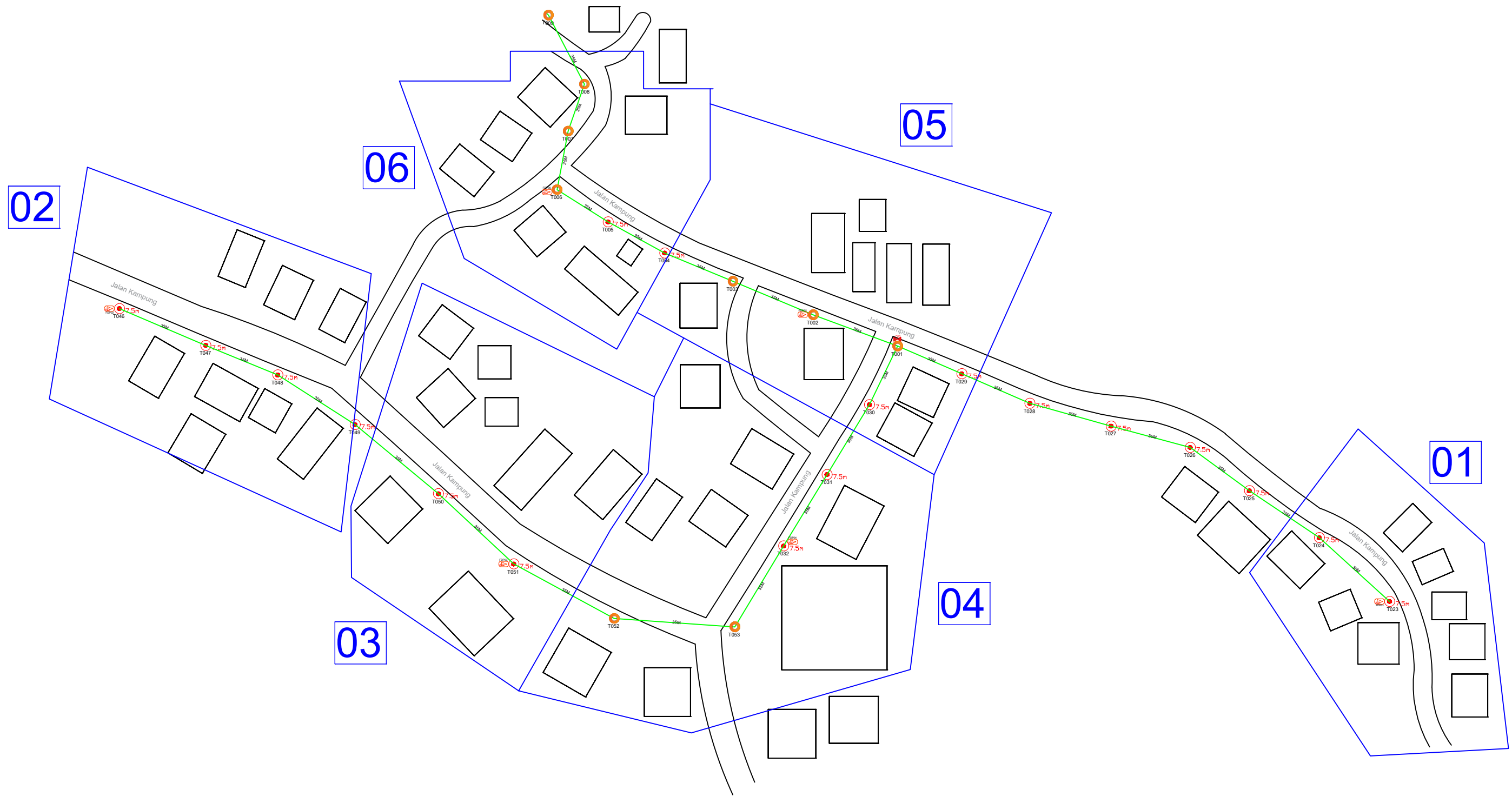
Sheet :

3/5

Size :

A3

SEKOLAH KEBANGSAAN PAYA SALAK



LEGEND

12C FOC	Installed 1:8 splitter in FDC	Installed Pole (9m)	17 ea	MANHOLE (JRC7)	TS / TB	Tension Small/Tension Big	HDD	70 Mtr
24C FOC	FDC with (1:8) splitter	Installed Riser	3 ea	House Number	Existing Manhole		GR	
48C FOC	Closure	TENSION		Existing TNB Pole	C01 Closure NO.		Existing TNB Pole 11m	(A)SEE A-A in this page(A)
96C FOC	New Manhole (PIT)	SUSPENSION		LOOP	FDP1 FDP NO.		Existing TNB Pole NO.	(A)SEE SHEET X/XX(A)
144C FOC	Installed Pole (7.5M)	FDC	1 ea	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))

DRAWING TITLE:

D-SIDE - SEKOLAH KEBANGSAAN PAYA SALAK

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 :

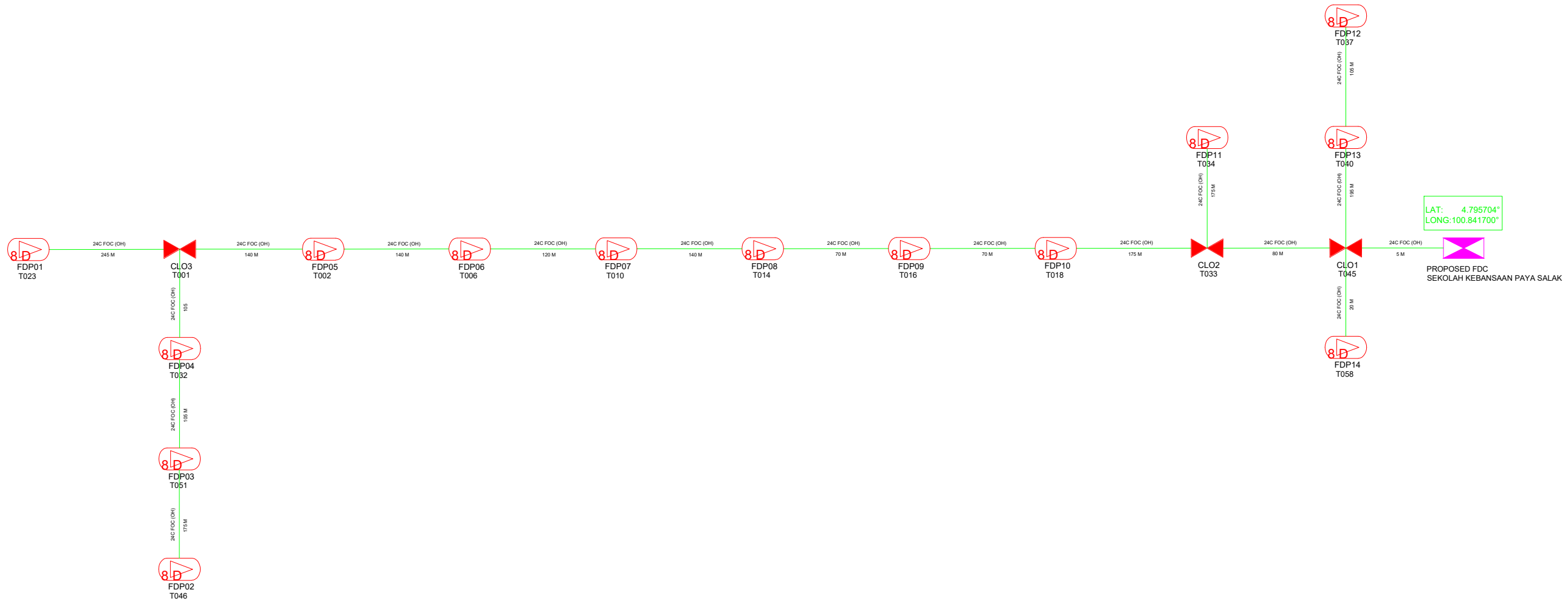
Sheet :

4/5

Size :

A3

SEKOLAH KEBANGSAAN PAYA SALAK



LEGEND

12C FOC	Installed 1:8 splitter in FDC	Installed Pole (9m)	17 ea	MANHOLE (JRC7)	TS / TB	Tension Small/Tension Big	HDD	70 Mtr
24C FOC	FDP with (1:8) splitter	Installed Riser	3 ea	House Number	108 ea	Existing Manhole	GR	
48C FOC	Closure	TENSION	3 ea	Existing TNB Pole	C01	Closure NO.	Existing TNB Pole 11m	SEE A-A in this page
96C FOC	New Manhole (PIT)	SUSPENSION	2 ea	LOOP	FDP1	FDP NO.	Existing TNB Pole NO.	SEE SHEET XXX
144C FOC	Installed Pole (7.5M)	FDC	41 ea	FDP Boundary	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))	DRAWING TITLE: SLD - SEKOLAH KEBANGSAAN PAYA SALAK	Design By : REZQ INFINITY Date : 14/01/2025
					PROJECT PHASE: PROPOSED DRAWING	Drawn By : REZQ INFINITY Scale : NOT TO SCALE
						Checked By : Job Number : REV00
						DRAWING NUMBER : Sheet : 5/5 Size : A3