

TECHNICAL PROPOSAL

ABA4041-SEKOLAH KEBANGSAAN CHEGAR GALAH(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 Chegar Galah
Address	:	33500 Sauk,Perak.
District	:	Kuala Kangsar
Postcode	:	33500
State	:	Perak
GPS Coordinate	:	4.899685, 100.971198
LRD	:	A

End Point

Site / Boundary Name	:	Kampung Lalang
Address	:	33500 Sauk,Perak.
District	:	Kuala Kangsar
Postcode	:	33500
State	:	Perak
GPS Coordinate	:	4.897872, 100.970890
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	1935
2	Proposed Pole	ea	60
3	Proposed Manhole	ea	0
4	Proposed GI Riser 50mm	ea	1
5	Proposed Fiber Distribution Point	ea	13
6	Proposed Joint Closure	ea	5
7	Estimated time required for completion	days	30

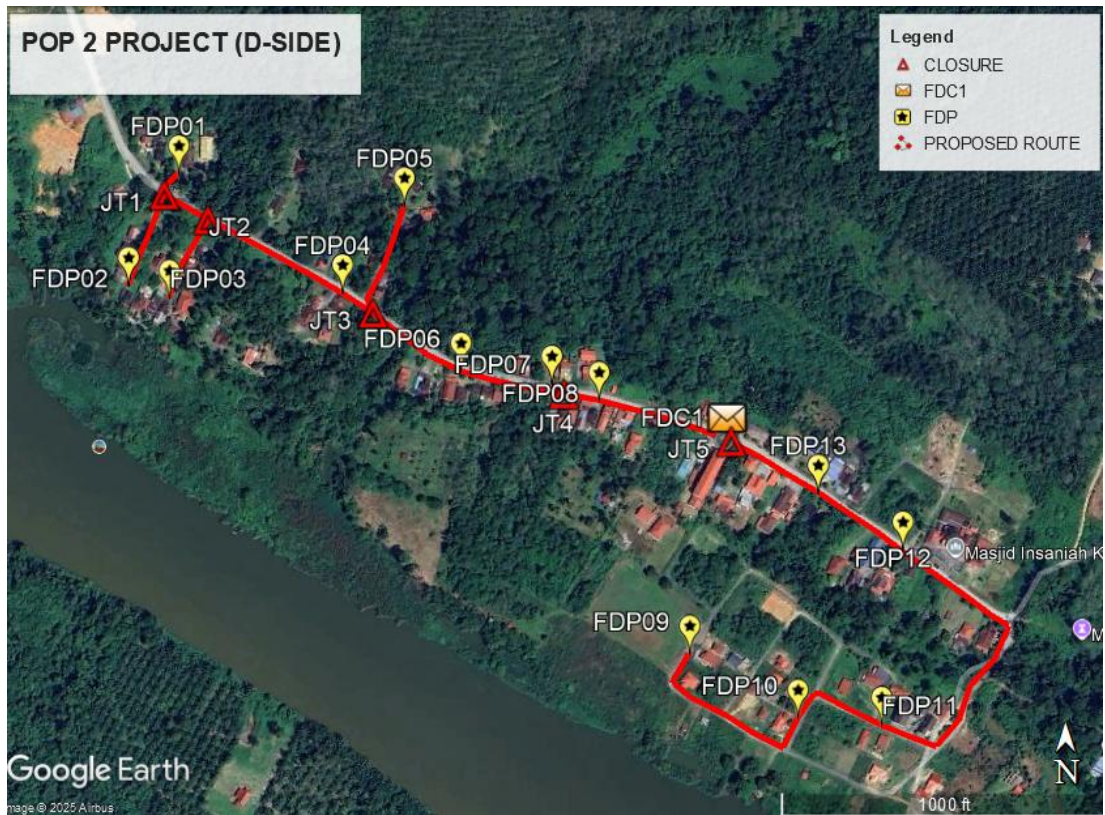
Local Authority Summary

1. Daerah Kuala Muda

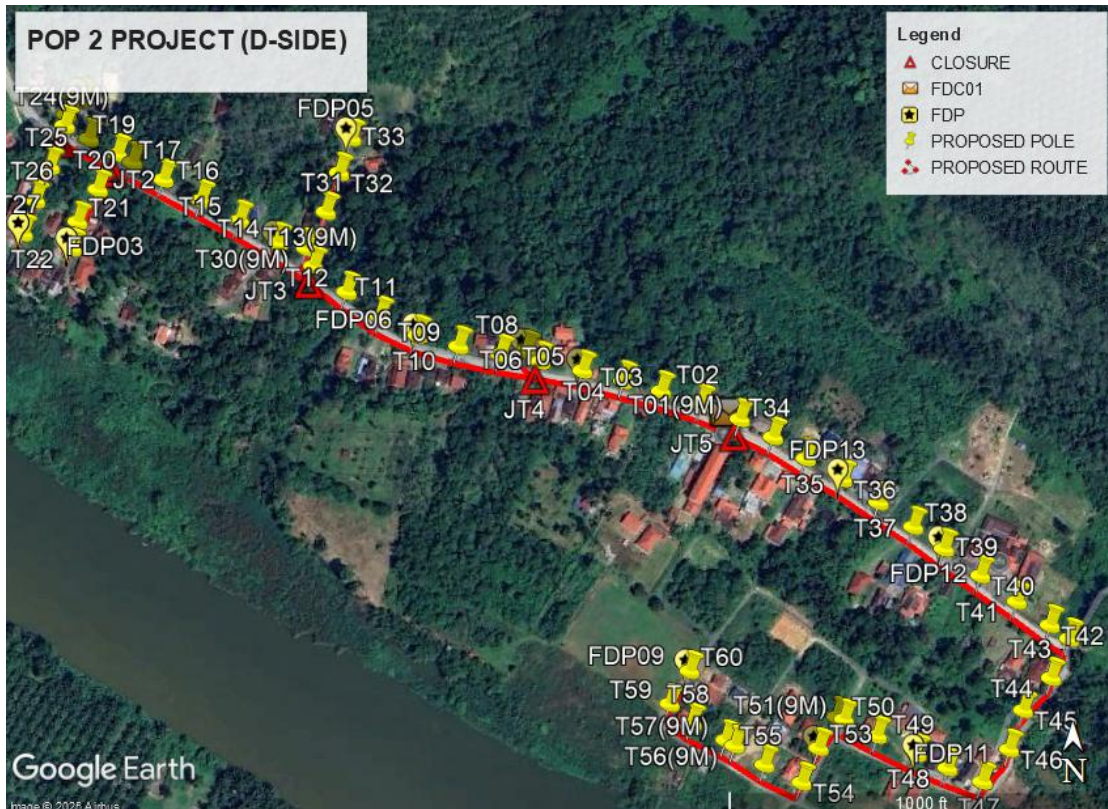
Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	-	-
		Majlis	60pcs	1935m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				1935m

Site Plan – KMZ (Overview site area)

Proposed FDP & Closure



Proposed New Pole



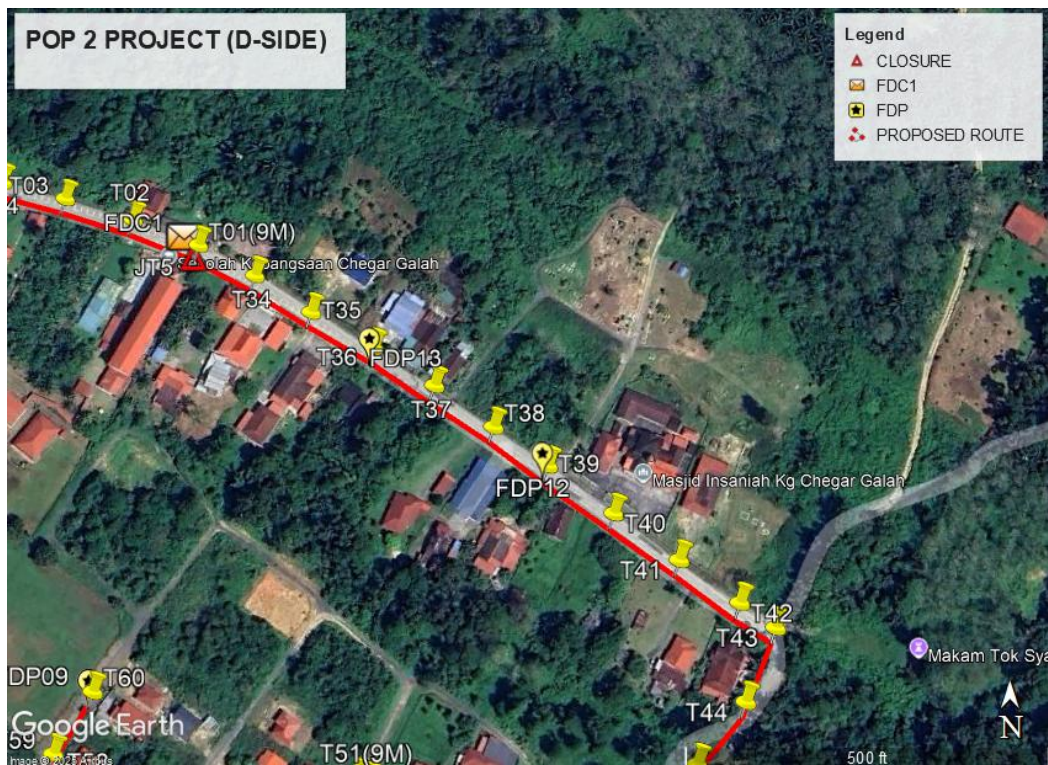
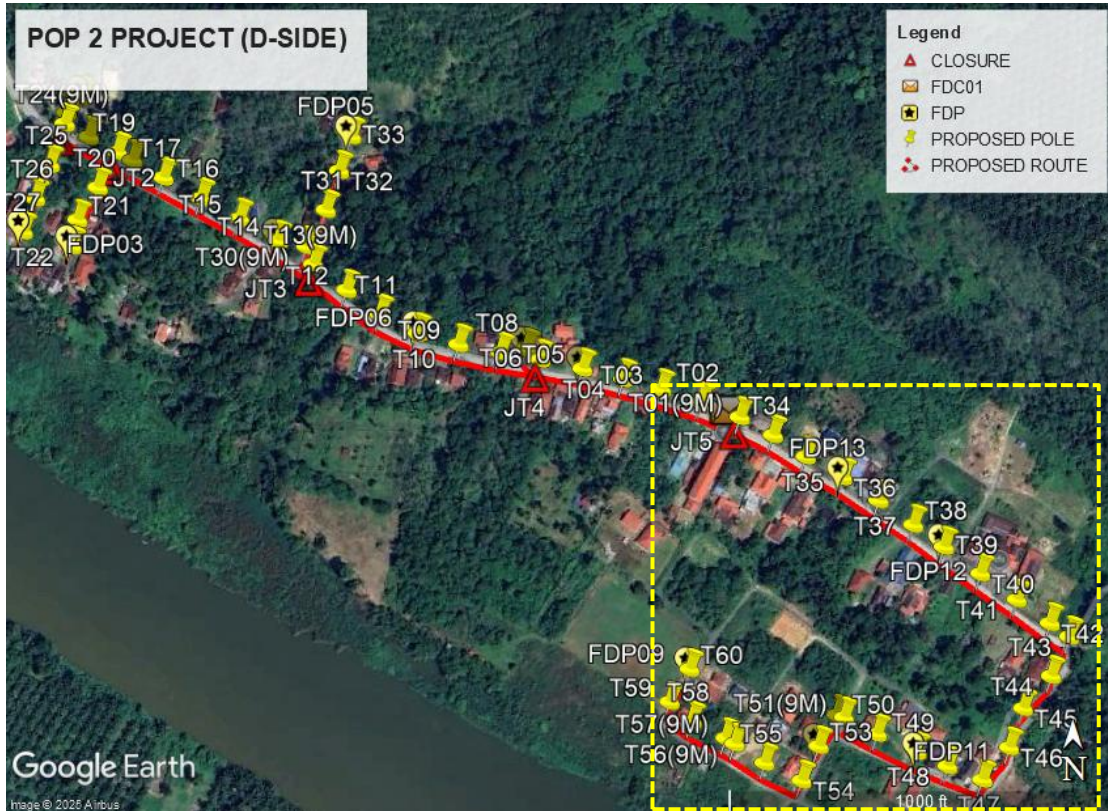
Site Plan – KMZ Routing (All Local Authority)



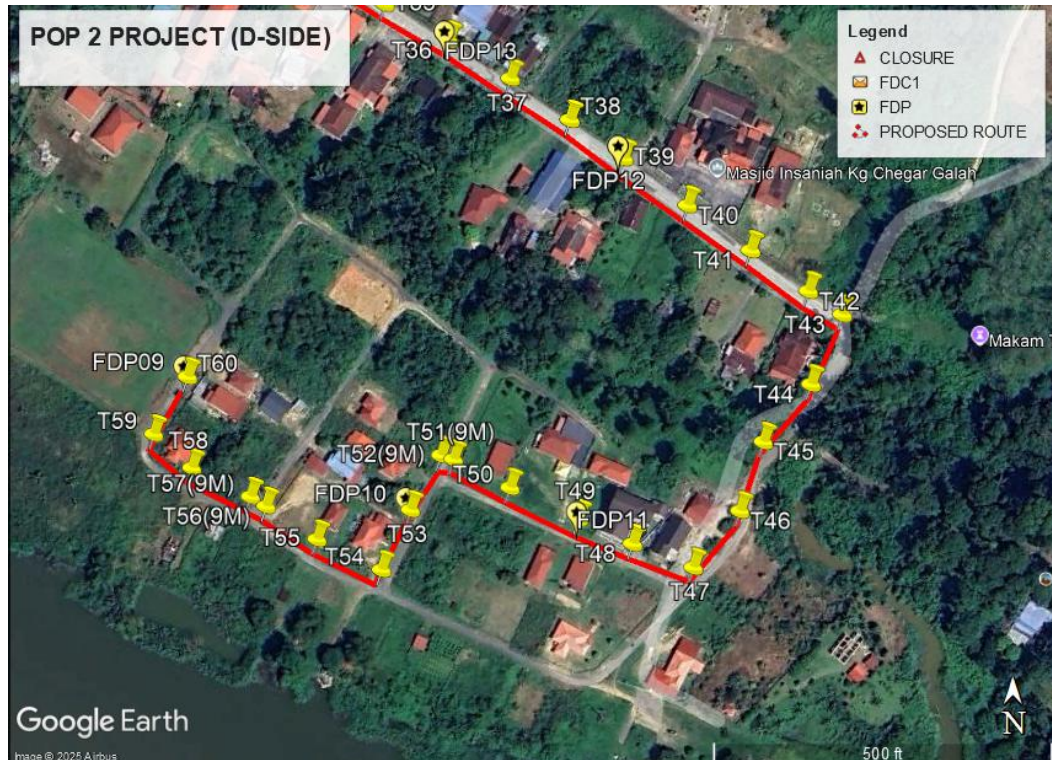
Blue Colour – Majlis Perbandaran Kuala Kangsar

Site Plan – KMZ Routing (All site area)

Route 1

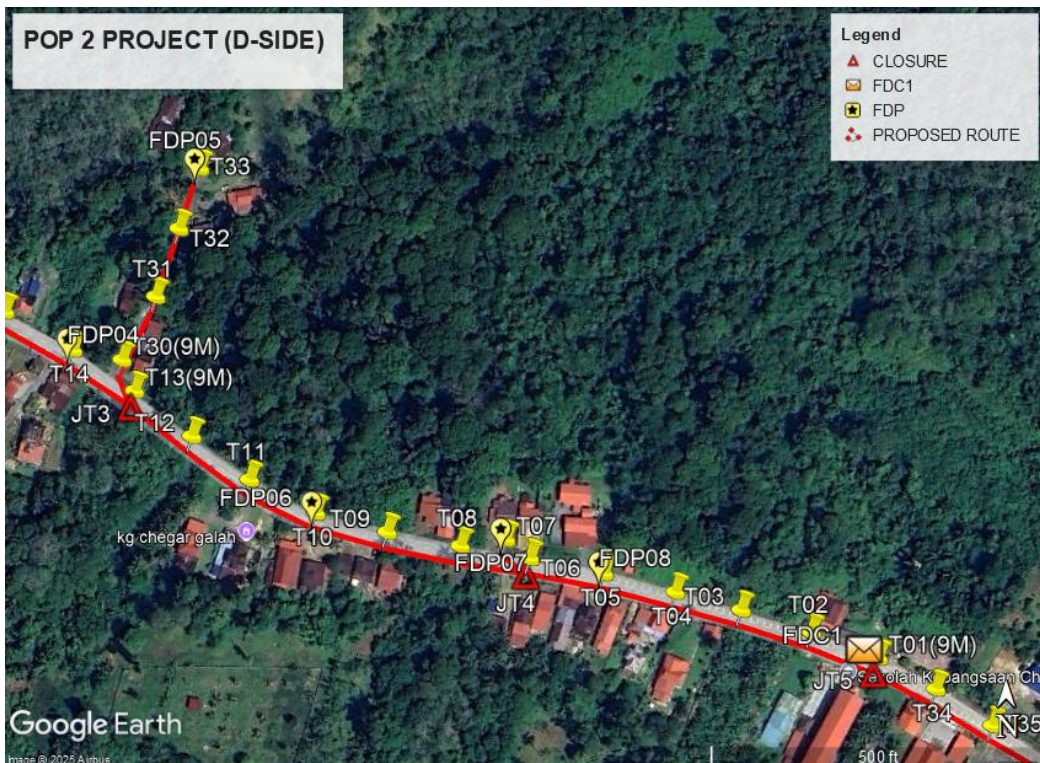
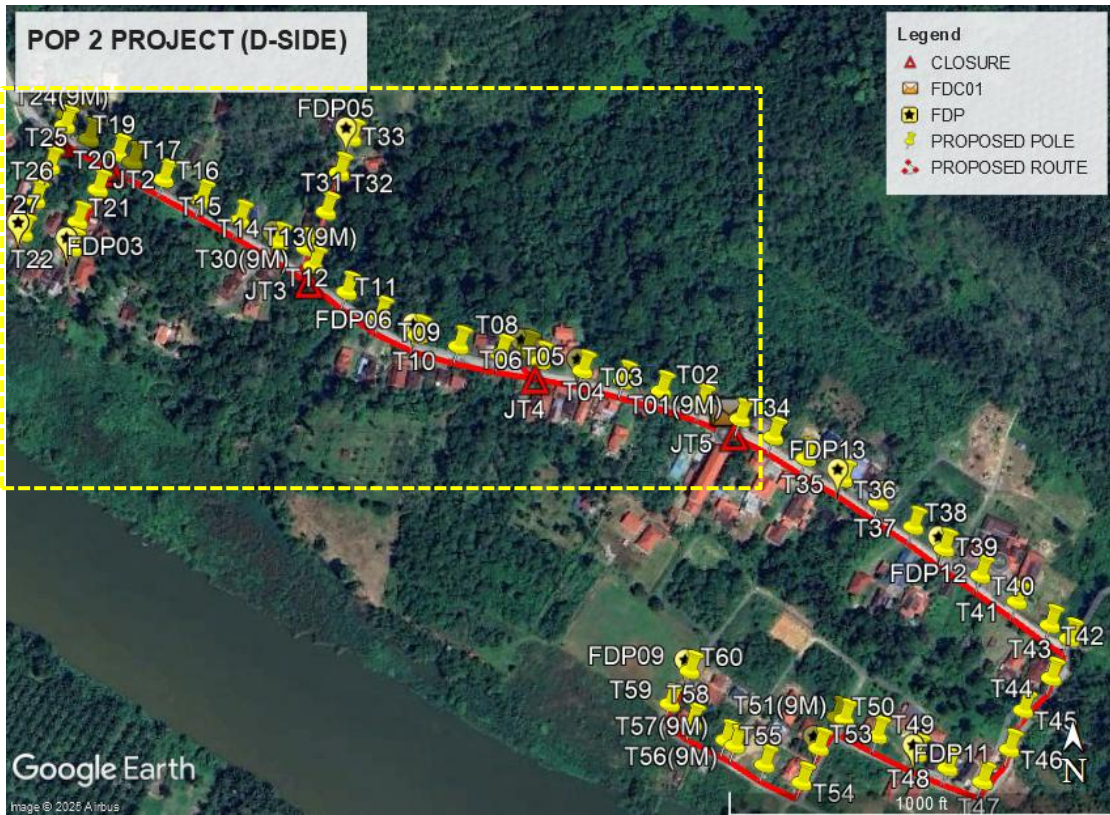


Route 1.1



Route 1.2

Route 2

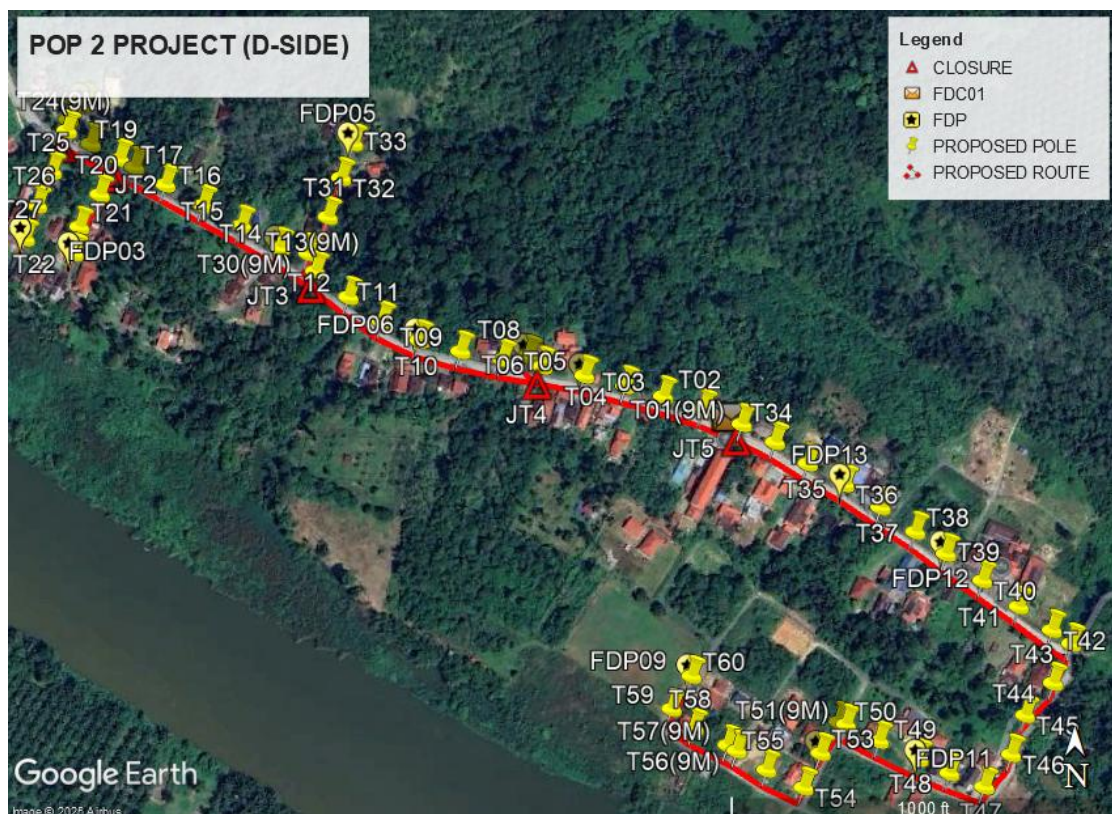


Route 2.1



Route 2.2

Site Plan – KMZ Routing (Proposed New Pole)



Overall Pole (Proposed New)

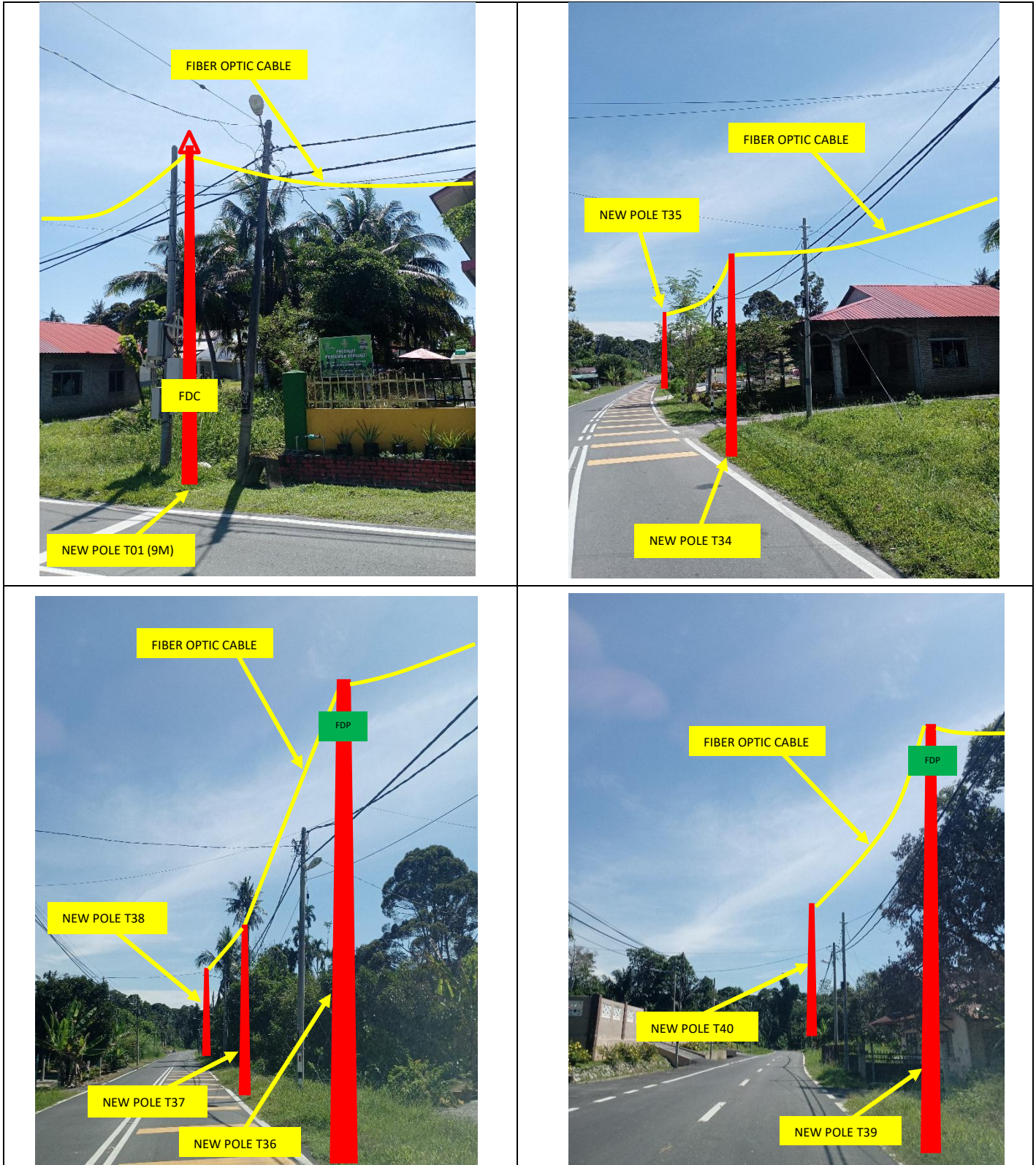
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	FDC	35	4.899685	100.971198	Majlis Perbandaran Kuala Kangsar
2	P001(9M)	35	4.899685	100.971198	Majlis Perbandaran Kuala Kangsar
3	P002	35	4.899777	100.970963	Majlis Perbandaran Kuala Kangsar
4	P003	35	4.899868	100.970676	Majlis Perbandaran Kuala Kangsar
5	P004	35	4.899941	100.970409	Majlis Perbandaran Kuala Kangsar
6	P005	35	4.900015	100.970118	Majlis Perbandaran Kuala Kangsar
7	P006(9M)	35	4.900078	100.969817	Majlis Perbandaran Kuala Kangsar
8	P007(9M)	35	4.900155	100.969719	Majlis Perbandaran Kuala Kangsar
9	P008	35	4.900129	100.969535	Majlis Perbandaran Kuala Kangsar
10	P009	35	4.900186	100.969238	Majlis Perbandaran Kuala Kangsar
11	P010	35	4.900264	100.968948	Majlis Perbandaran Kuala Kangsar
12	P011	35	4.900397	100.968678	Majlis Perbandaran Kuala Kangsar
13	P012	35	4.900572	100.968439	Majlis Perbandaran Kuala Kangsar
14	P013(9M)	35	4.900757	100.968201	Majlis Perbandaran Kuala Kangsar
15	P014	35	4.900923	100.967949	Majlis Perbandaran Kuala Kangsar
16	P015	35	4.901078	100.967680	Majlis Perbandaran Kuala Kangsar
17	P016	35	4.901220	100.967411	Majlis Perbandaran Kuala Kangsar
18	P017	35	4.901366	100.967142	Majlis Perbandaran Kuala Kangsar
19	P018	35	4.901492	100.966917	Majlis Perbandaran Kuala Kangsar
20	P019	35	4.901549	100.966811	Majlis Perbandaran Kuala Kangsar
21	P020	35	4.901298	100.966671	Majlis Perbandaran Kuala Kangsar
22	P021	35	4.901069	100.966528	Majlis Perbandaran Kuala Kangsar
23	P022	35	4.900881	100.966483	Majlis Perbandaran Kuala Kangsar
24	P023	35	4.901655	100.966612	Majlis Perbandaran Kuala Kangsar
25	P024(9M)	35	4.901747	100.966443	Majlis Perbandaran Kuala Kangsar
26	P025	35	4.901459	100.966330	Majlis Perbandaran Kuala Kangsar
27	P026	35	4.901221	100.966226	Majlis Perbandaran Kuala Kangsar
28	P027	35	4.900987	100.966132	Majlis Perbandaran Kuala Kangsar
29	P028(9M)	35	4.901824	100.966457	Majlis Perbandaran Kuala Kangsar
30	P029	35	4.901931	100.966572	Majlis Perbandaran Kuala Kangsar
31	P030(9M)	35	4.900883	100.968150	Majlis Perbandaran Kuala Kangsar
32	P031	35	4.901140	100.968291	Majlis Perbandaran Kuala Kangsar
33	P032	35	4.901416	100.968389	Majlis Perbandaran Kuala Kangsar
34	P033	35	4.901660	100.968473	Majlis Perbandaran Kuala Kangsar

Overall Pole (Proposed New)

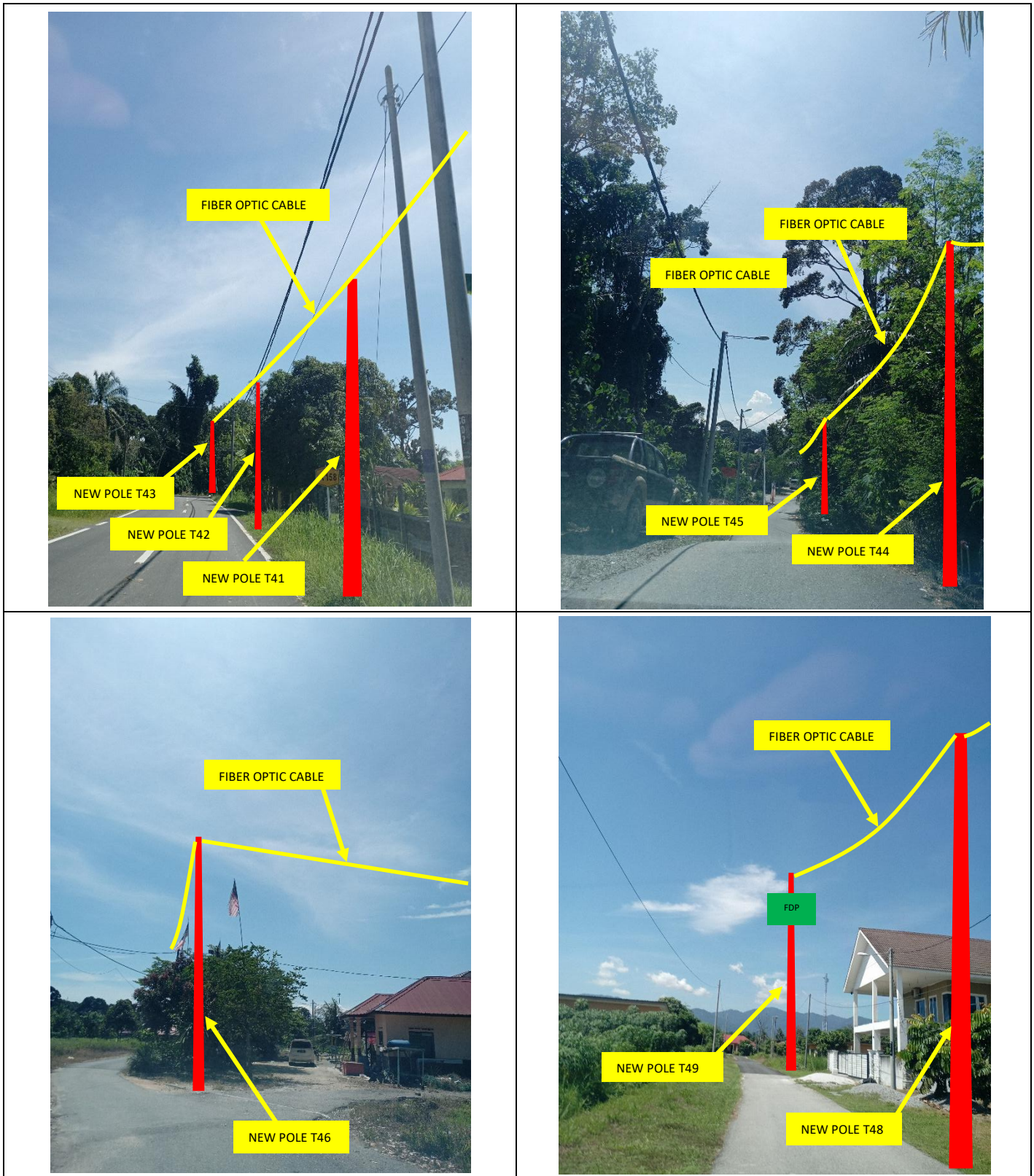
35	P034	35	4.899544	100.971475	Majlis Perbandaran Kuala Kangsar
36	P035	35	4.899391	100.971710	Majlis Perbandaran Kuala Kangsar
37	P036	35	4.899243	100.971972	Majlis Perbandaran Kuala Kangsar
38	P037	35	4.899082	100.972224	Majlis Perbandaran Kuala Kangsar
39	P038	35	4.898910	100.972466	Majlis Perbandaran Kuala Kangsar
40	P039	35	4.898754	100.972683	Majlis Perbandaran Kuala Kangsar
41	P040	35	4.898565	100.972944	Majlis Perbandaran Kuala Kangsar
42	P041	35	4.898382	100.973200	Majlis Perbandaran Kuala Kangsar
43	P042	35	4.898216	100.973433	Majlis Perbandaran Kuala Kangsar
44	P043	35	4.898121	100.973568	Majlis Perbandaran Kuala Kangsar
45	P044	35	4.897840	100.973446	Majlis Perbandaran Kuala Kangsar
46	P045	35	4.897606	100.973257	Majlis Perbandaran Kuala Kangsar
47	P046	35	4.897323	100.973165	Majlis Perbandaran Kuala Kangsar
48	P047	35	4.897091	100.972974	Majlis Perbandaran Kuala Kangsar
49	P048	35	4.897188	100.972725	Majlis Perbandaran Kuala Kangsar
50	P049	35	4.897290	100.972502	Majlis Perbandaran Kuala Kangsar
51	P050	35	4.897417	100.972222	Majlis Perbandaran Kuala Kangsar
52	P051(9M)	35	4.897532	100.971989	Majlis Perbandaran Kuala Kangsar
53	P052(9M)	35	4.897548	100.971938	Majlis Perbandaran Kuala Kangsar
54	P053	35	4.897323	100.971810	Majlis Perbandaran Kuala Kangsar
55	P054	35	4.897076	100.971690	Majlis Perbandaran Kuala Kangsar
56	P055	35	4.897202	100.971423	Majlis Perbandaran Kuala Kangsar
57	P056(9M)	35	4.897337	100.971211	Majlis Perbandaran Kuala Kangsar
58	P057(9M)	35	4.897377	100.971146	Majlis Perbandaran Kuala Kangsar
59	P058	35	4.897495	100.970903	Majlis Perbandaran Kuala Kangsar
60	P059	35	4.897634	100.970745	Majlis Perbandaran Kuala Kangsar
61	P060	35	4.897871	100.970887	Majlis Perbandaran Kuala Kangsar

Bil	Type	7.5m	9.0m	Total
1	No. of Pole	49	11	60

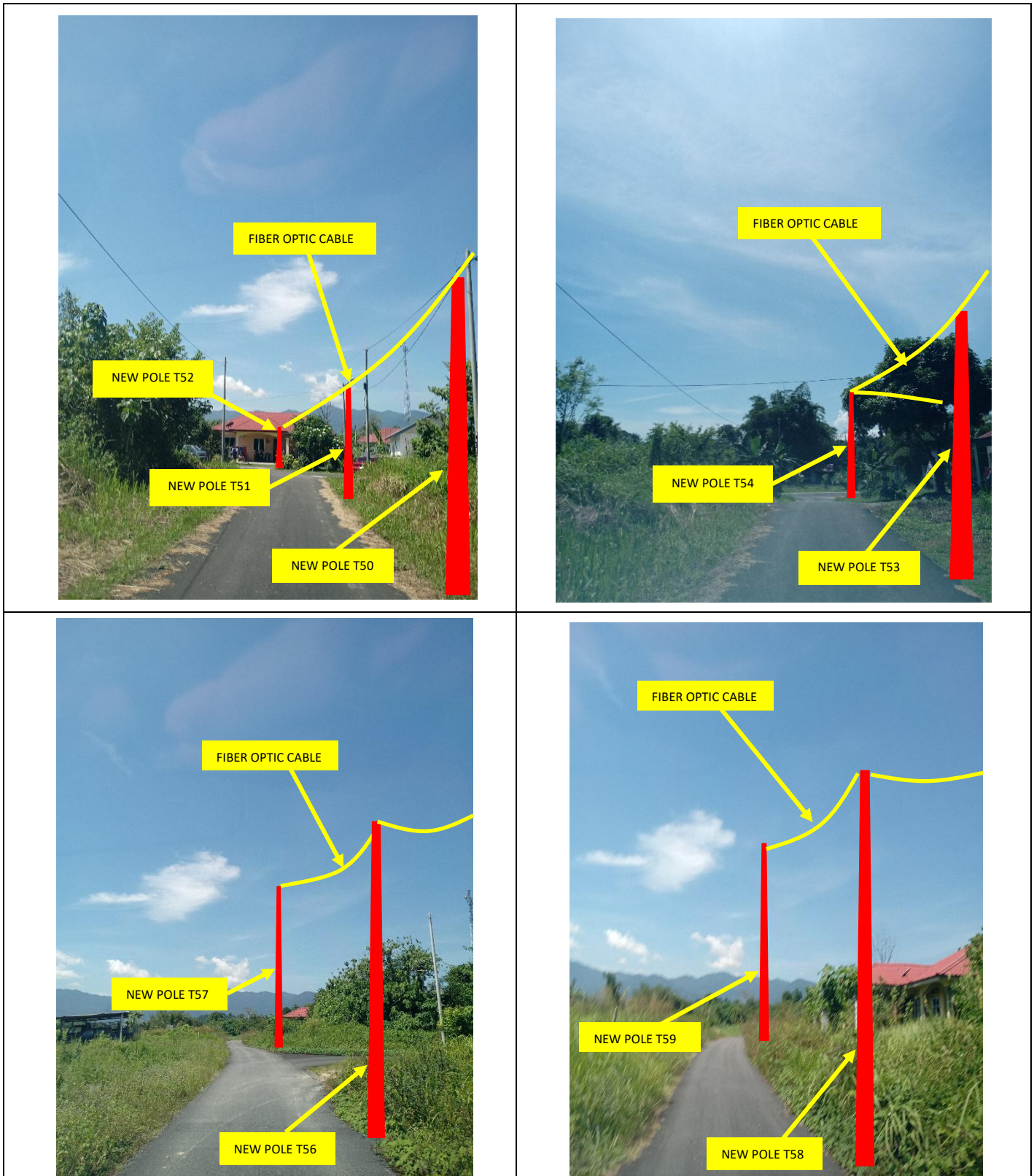
Site Photos – Proposed to install pole



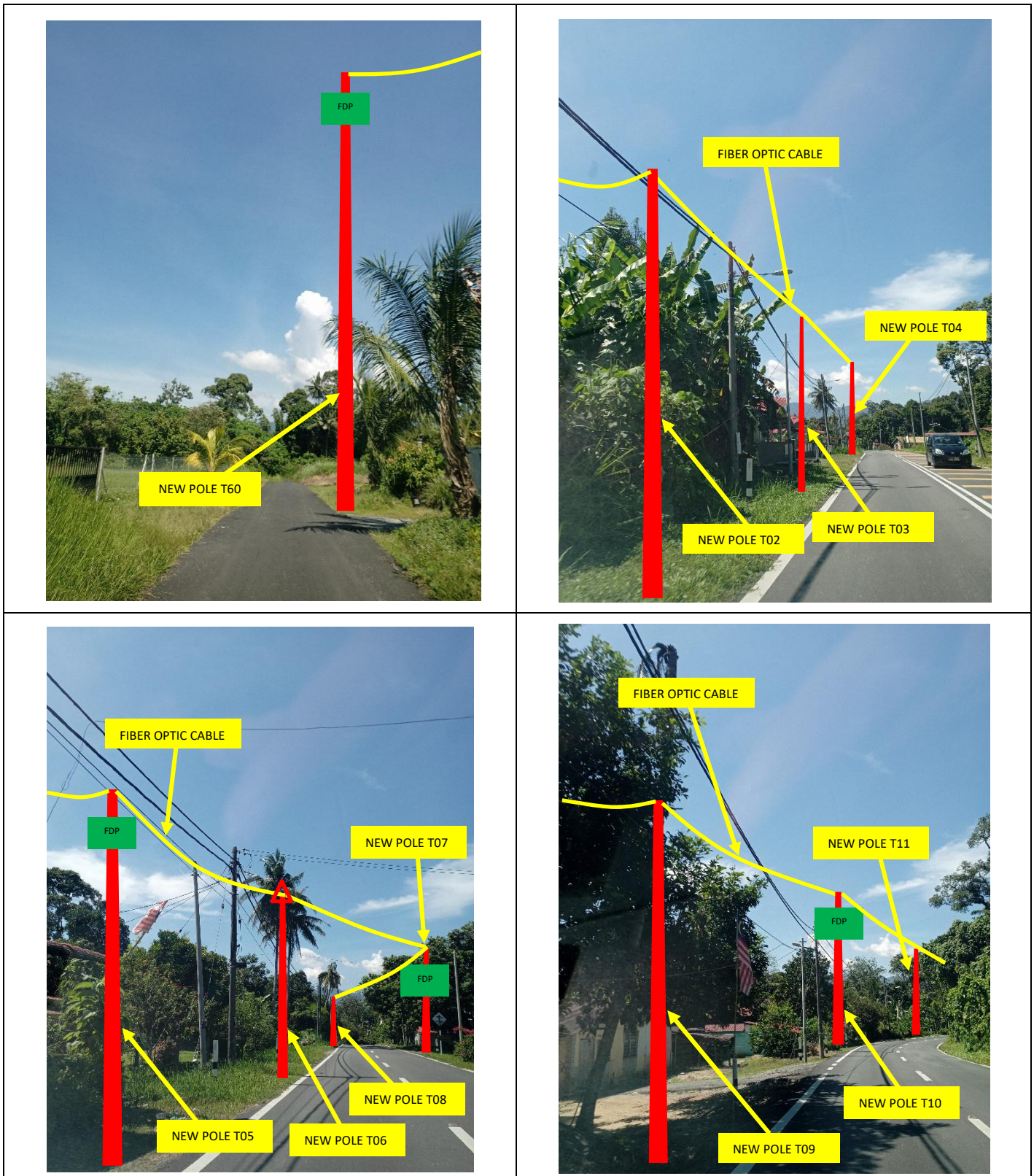
Site Photos – Proposed to install pole



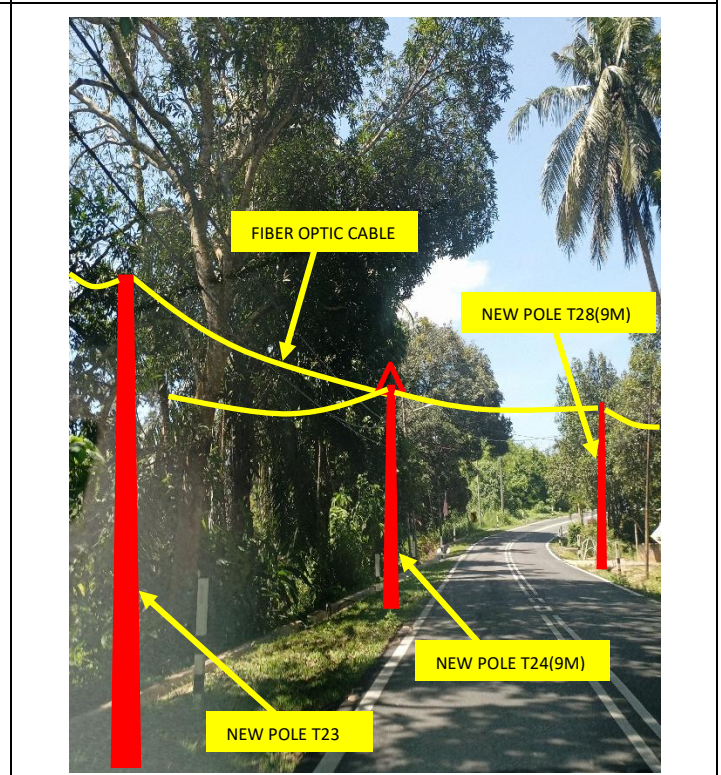
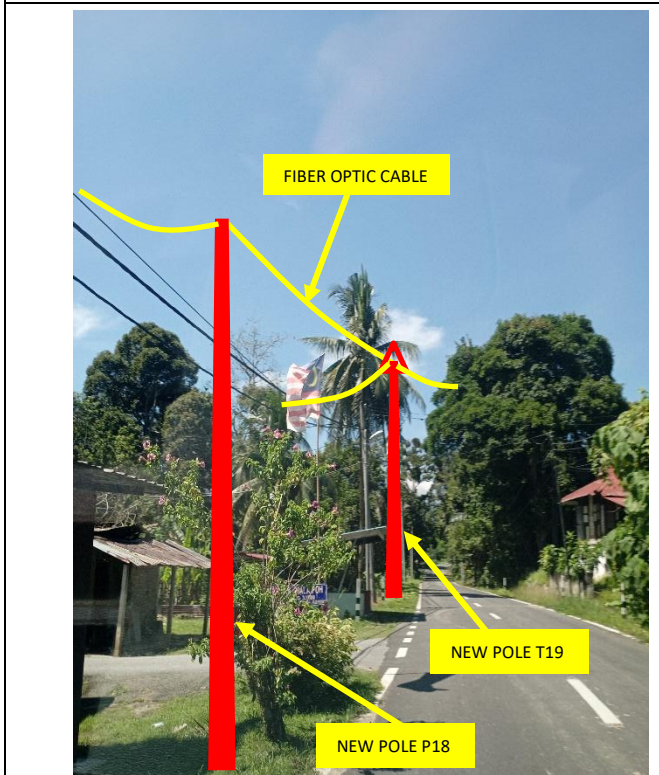
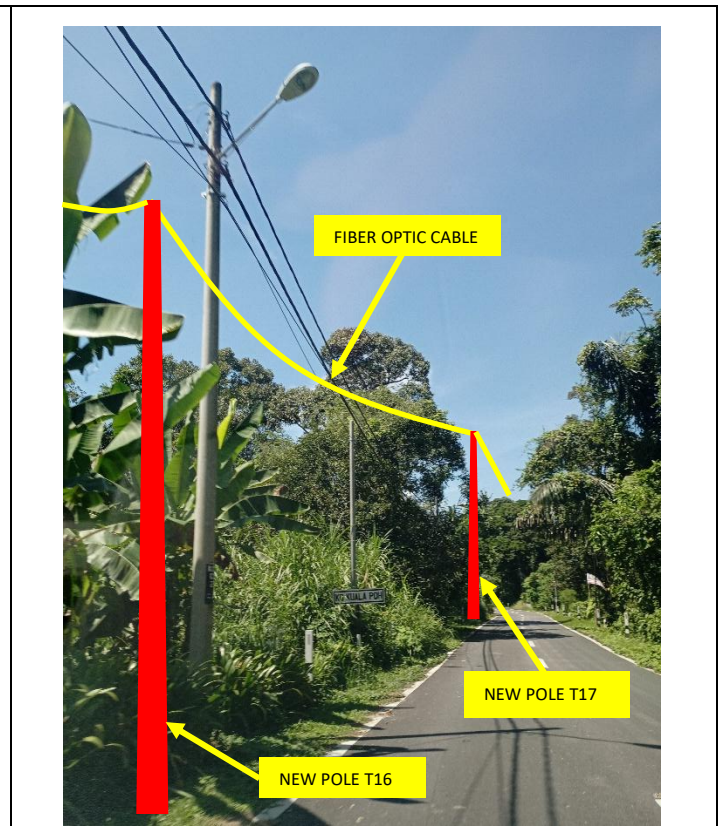
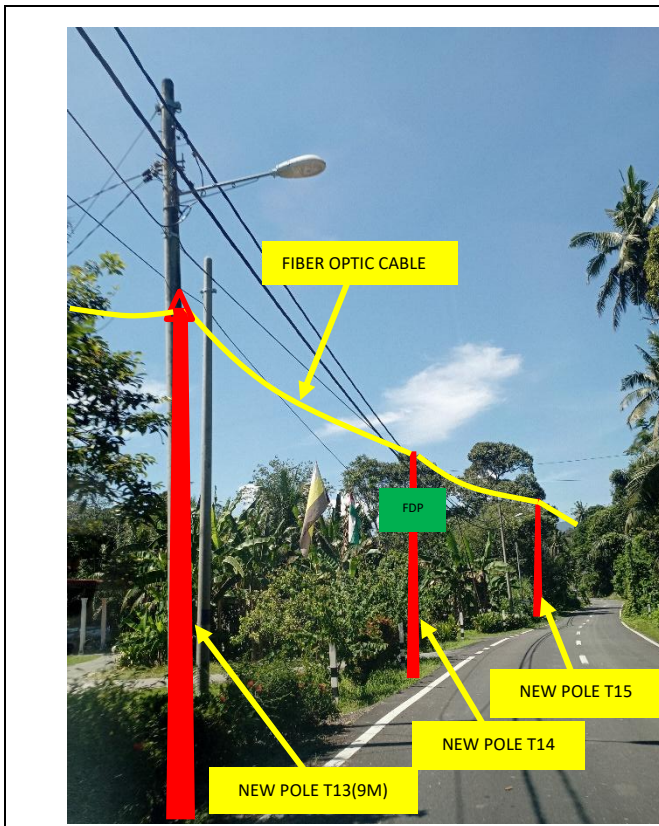
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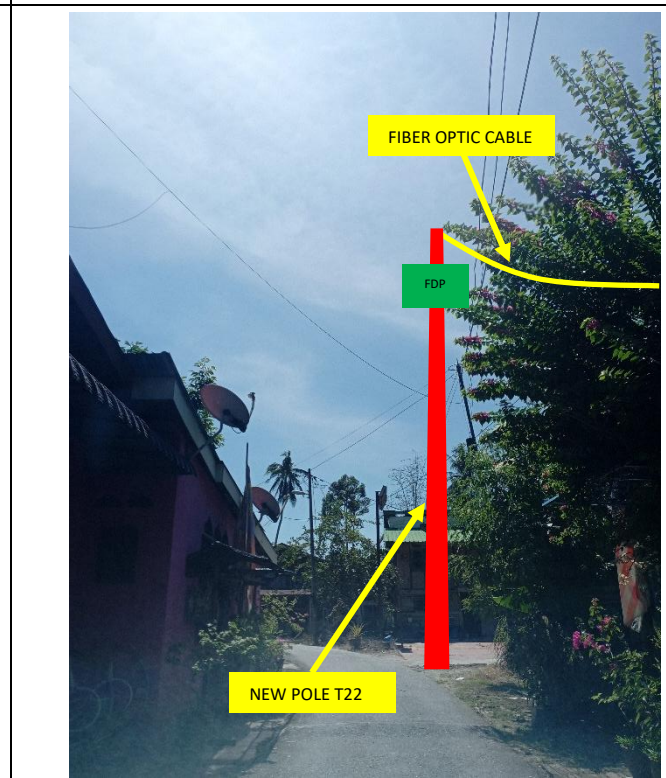
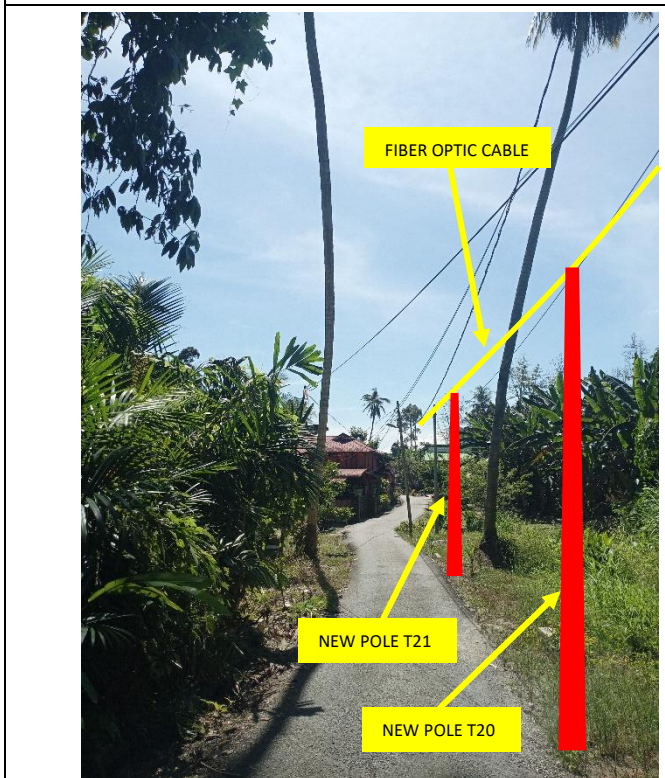
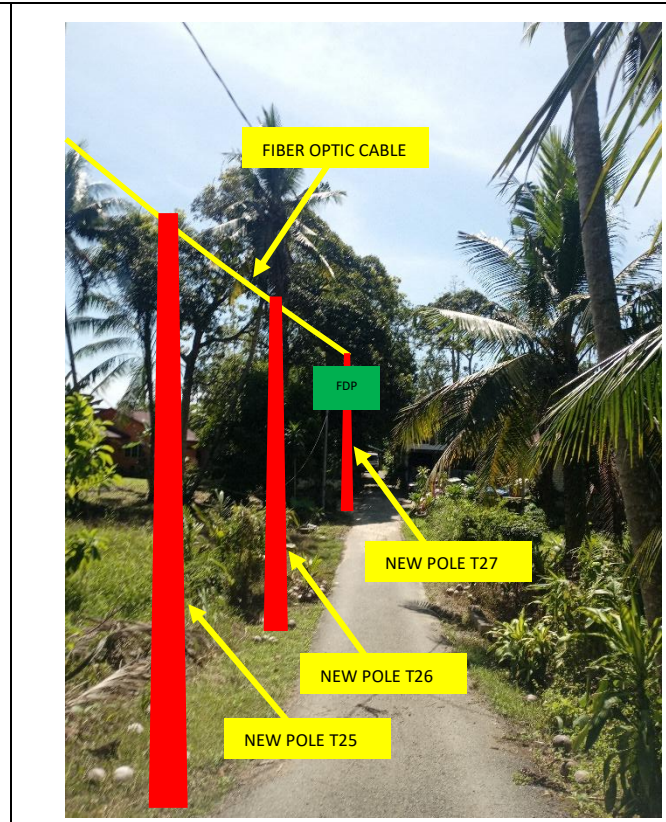
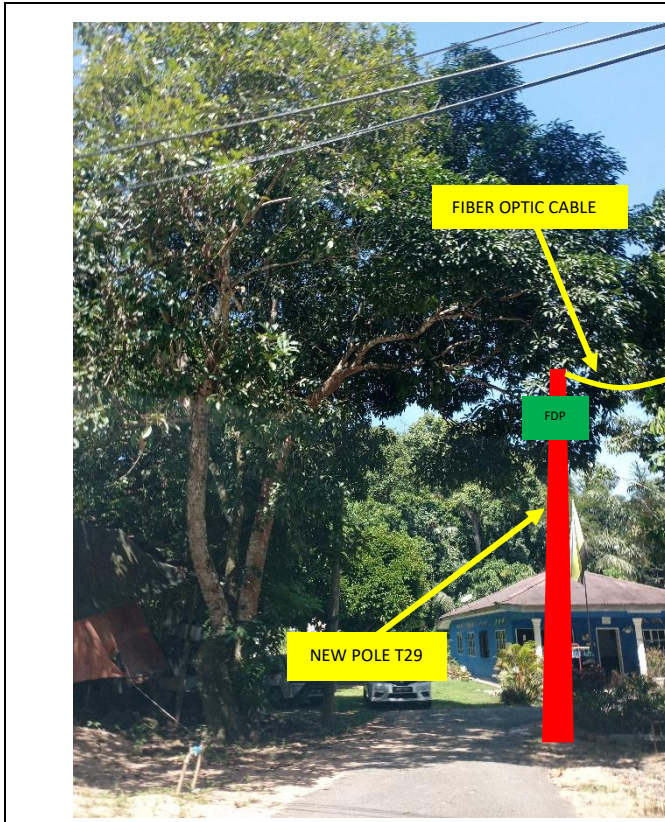
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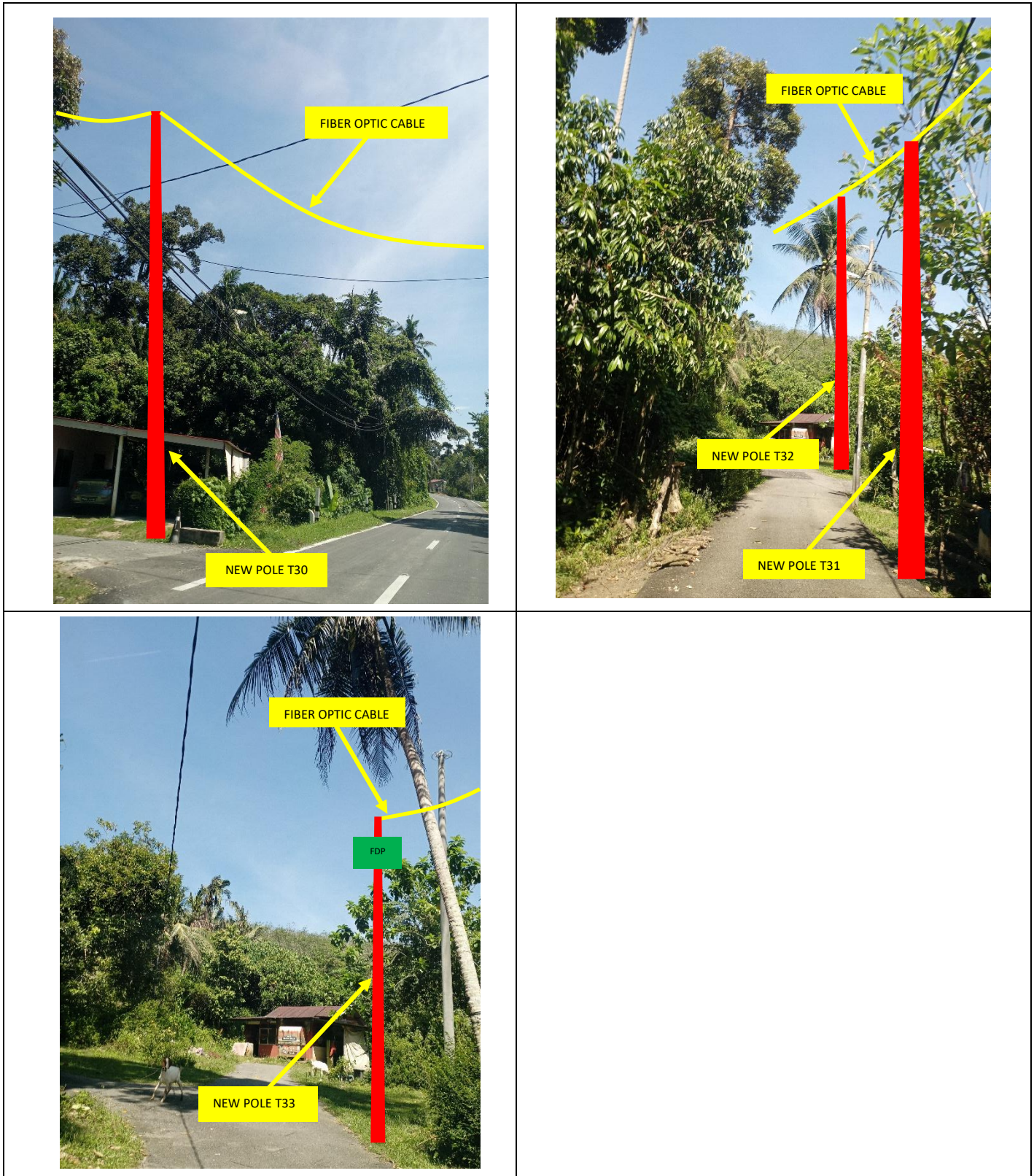
Site Photos – Proposed to install pole



Site Photos – Proposed to install pole



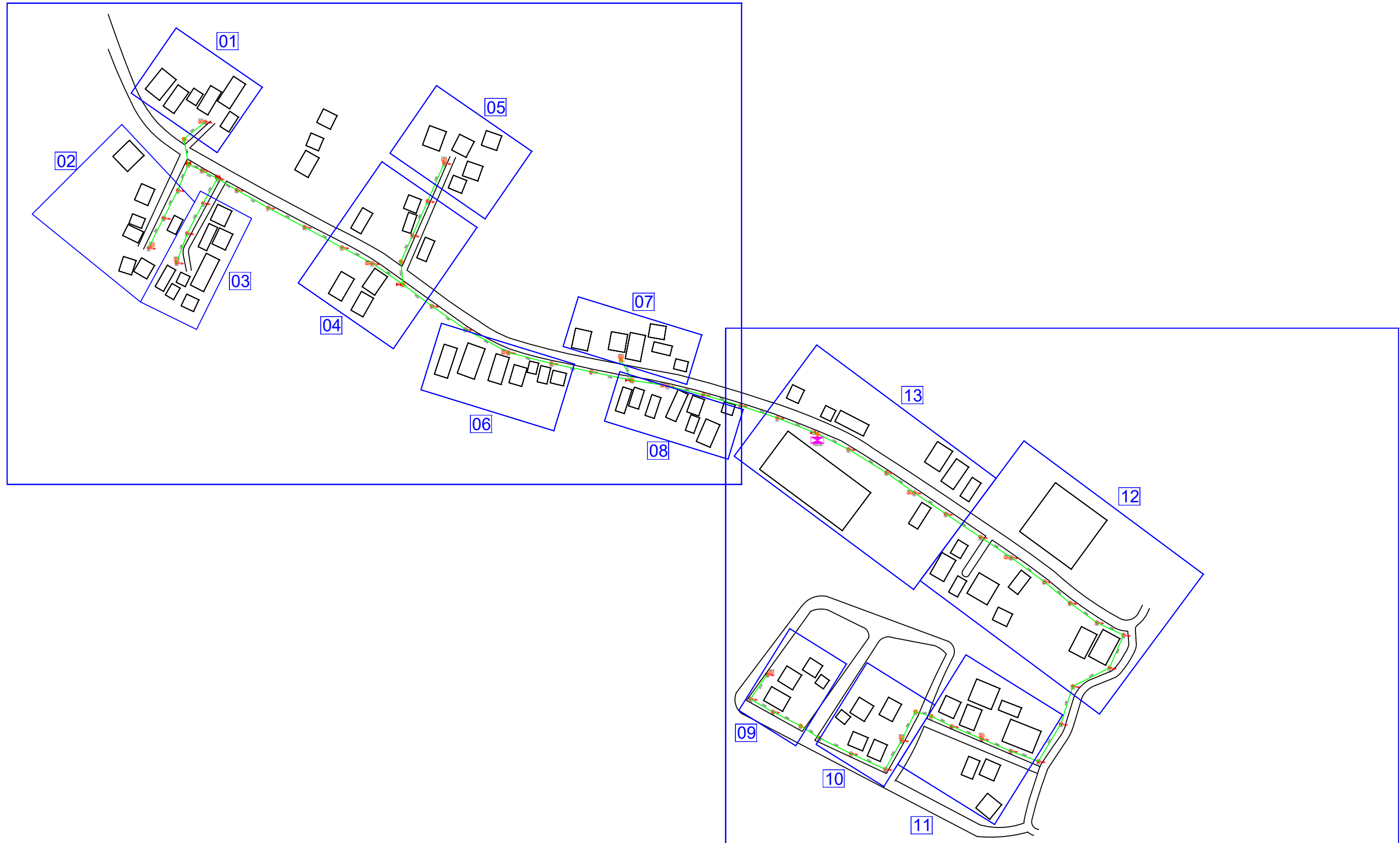
Site Photos – Proposed to install pole



3rd Parties Dependencies

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

SK CHEGAR GALAH



LEGEND

12C FOC	Installed 1:8 splitter in FDC	Installed Pole (9m)	11 ea	MANHOLE (JRC7)	TS / TB	Tension Small/Tension Big	HDD
24C FOC	1935M FDP with (1:8) splitter	Installed Riser	1 ea	# House Number	88 ea	Existing Manhole	GR
48C FOC	Closure	T TENSION		Existing TNB Pole	C01	Closure NO.	Existing TNB Pole 11m
96C FOC	UB3Q New Manhole (PIT)	S SUSPENSION		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.

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))

DRAWING TITLE:

D-SIDE - SK CHEGAR GALAH

PROJECT PHASE:

PROPOSED DRAWING

Design By : REZQ INFINITY

Date : 20/01/2025

Drawn By : REZQ INFINITY

Scale : NOT TO SCALE

Checked By :

Job Number : REV00

DRAWING NUMBER :

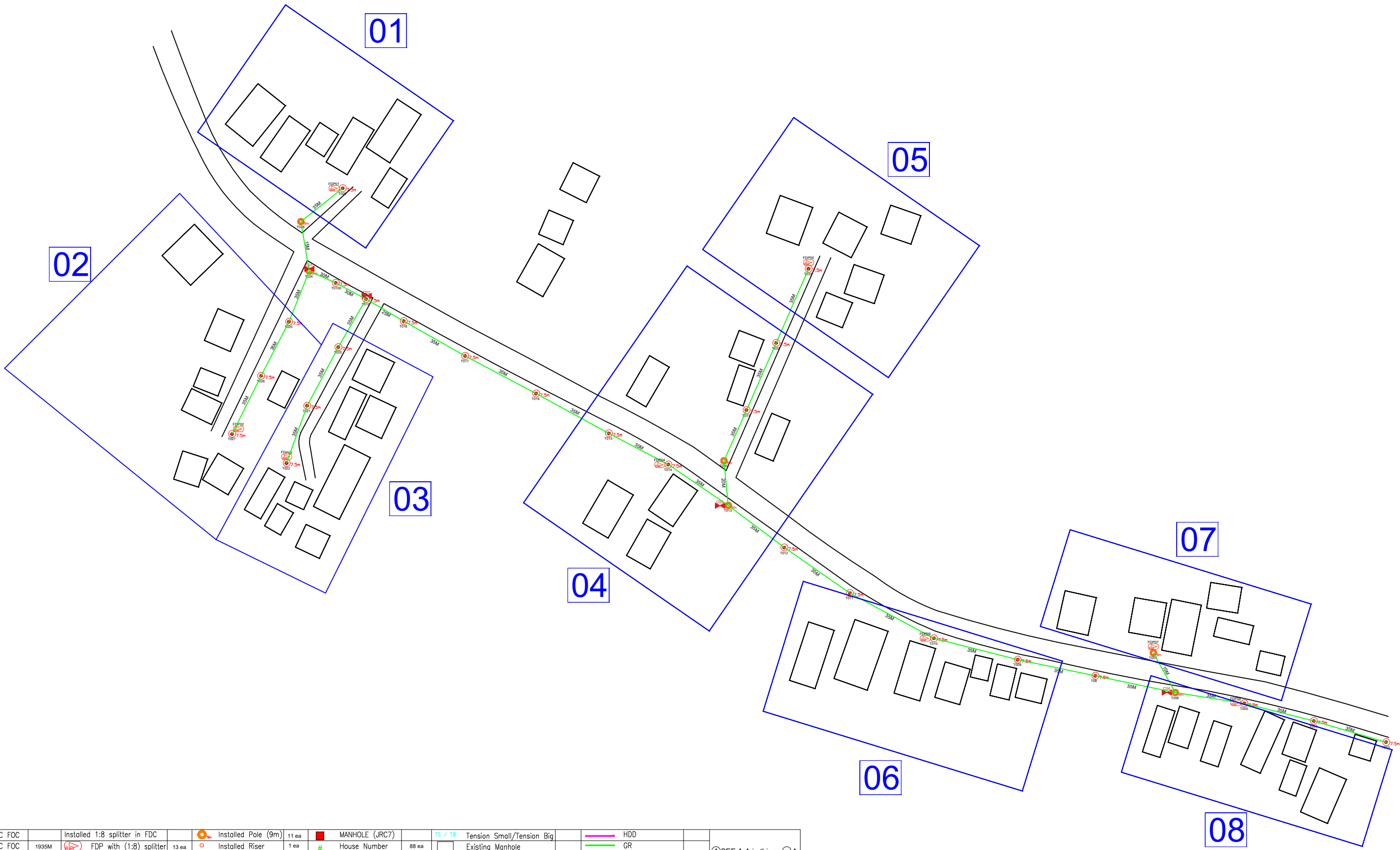
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Size :

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SK CHEGAR GALAH



LEGEND

	12C FOC		Installed 1:8 splitter in FDC		48C FOC		96C FOC		144C FOC		Installed Pole (9m)	11 ea		MANHOLE (JRC7)		TS / TB	Tension Small/Tension Big		HDD		GR			
	1935M		FDC with (1:8) splitter		5 ea		Closure		UB3Q		New Manhole (PIT)	49 ea		FDC		1 ea		House Number	88 ea		Existing Manhole		Closure NO.	
	TENSION		SUSPENSION		LOOP		Existing TNB Pole		Existing TNB Pole 11m		Existing TNB Pole NO.		New Pole NO.		SEE A-A in this page		SEE SHEET XXX							

KEY PLAN :

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PROJECT TITLE:

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DRAWING TITLE:

D-SIDE - SK CHEGAR GALAH

PROJECT PHASE:

PROPOSED DRAWING

Design By : REZQ INFINITY

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Scale : NOT TO SCALE

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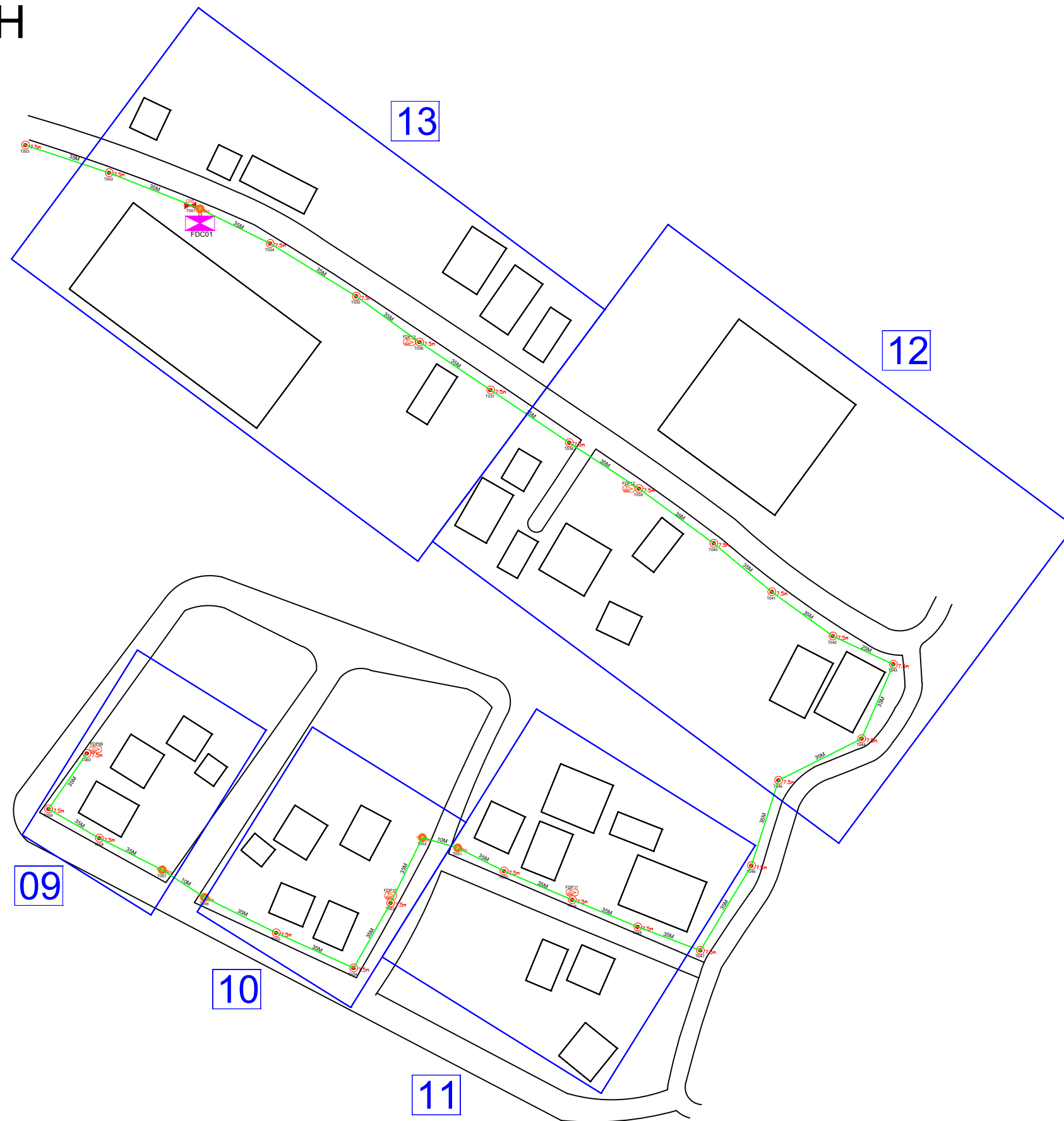
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Size :

A3

SK CHEGAR GALAH



LEGEND

12C FOC	Installed 1:8 splitter in FDC	Installed Pole (9m)	11 ea	MANHOLE (JRC7)	TS / TB Tension Small/Tension Big	HDD
24C FOC	1935M FDP with (1:8) splitter	Installed Riser	1 ea	# House Number	Existing Manhole	GR
48C FOC	Closure	T TENSION		Existing TNB Pole	C01 Closure NO.	Existing TNB Pole 11m
96C FOC	UB3Q New Manhole (PIT)	S SUSPENSION		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.

(A) SEE A-A in this page (A)
(A) SEE SHEET X/XXX (A)

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 - SK CHEGAR GALAH

PROJECT PHASE:

PROPOSED DRAWING

Design By : REZQ INFINITY

Date : 20/01/2025

Drawn By : REZQ INFINITY

Scale : NOT TO SCALE

Checked By :

Job Number : REV00

DRAWING NUMBER :

Sheet :

3/4

Size :

A3

