

TECHNICAL PROPOSAL ABA4030-SEKOLAH KEBANGSAAN PEREMPUAN PADANG RENGAS (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 Perempuan Padang Rengas
Address	:	33700 Padang Rengas, Perak
District	:	Kuala Kangsar
Postcode	:	33700
State	:	Perak
GPS Coordinate	:	4.775503, 100.844248
LRD	:	A

End Point

Site / Boundary Name	:	Kampung Baru Padang Rengas
Address	:	33700 Padang Rengas, Perak
District	:	Kuala Kangsar
Postcode	:	33700
State	:	Perak
GPS Coordinate	:	4.773432, 100.842248
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	1070
2	Proposed Pole	ea	36
3	Proposed Manhole	ea	-
4	Proposed GI Riser 50mm	ea	1
5	Proposed Fiber Distribution Point	ea	13
6	Proposed Joint Closure	ea	2
7	Estimated time required for completion	days	30

Local Authority Summary

1. Daerah Kuala Muda

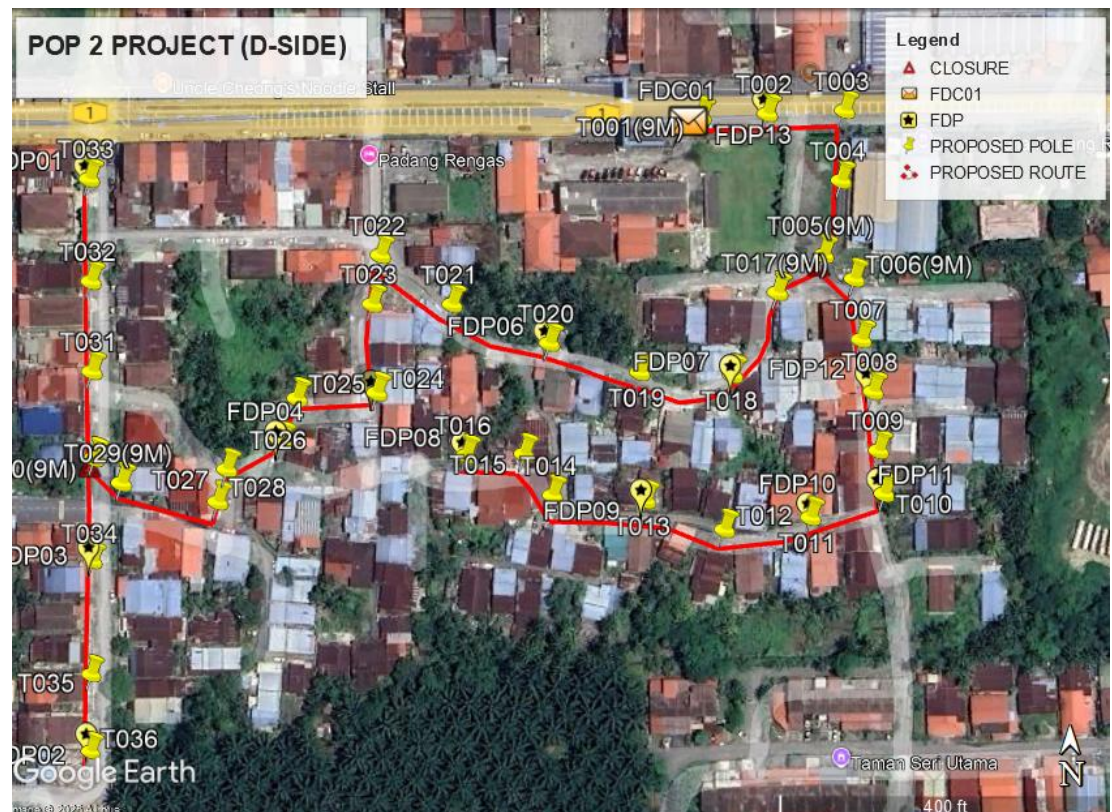
Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	3pcs	70m
		Majlis	33pcs	1000m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				1070m

Site Plan – KMZ (Overview site area)

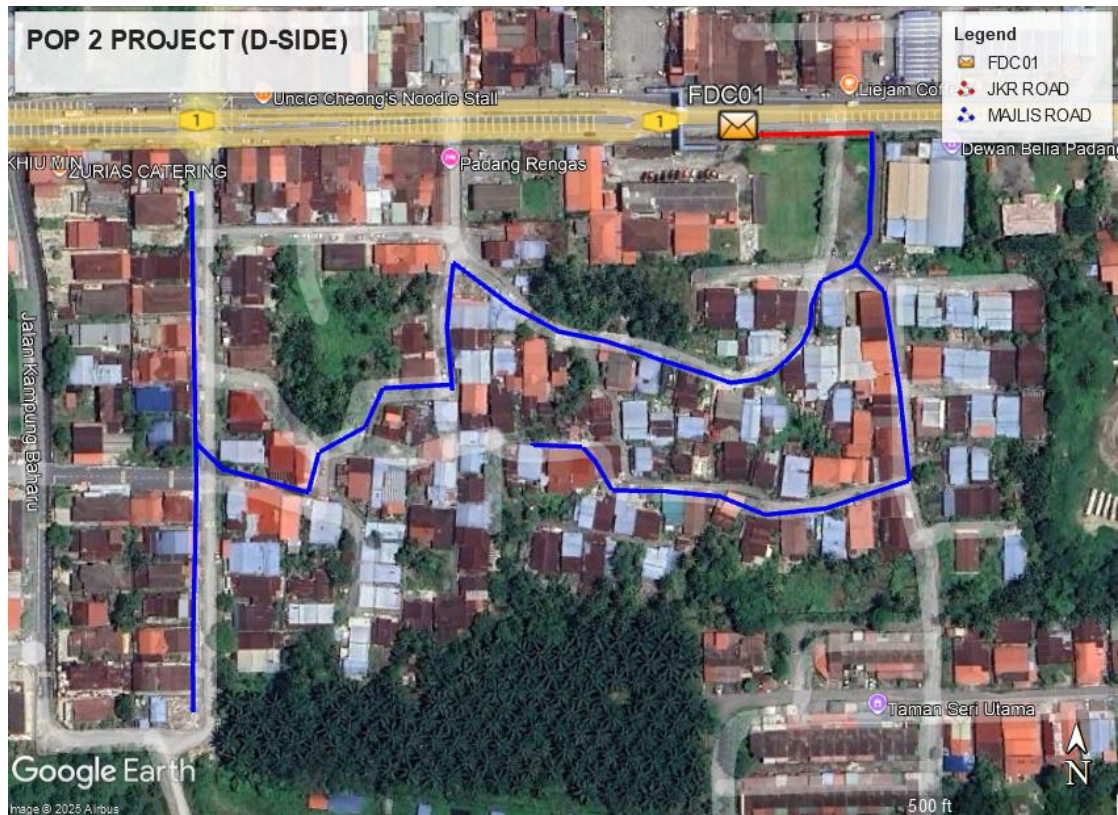
Proposed FDP & Closure



Proposed New Pole



Site Plan – KMZ Routing (All Local Authority)

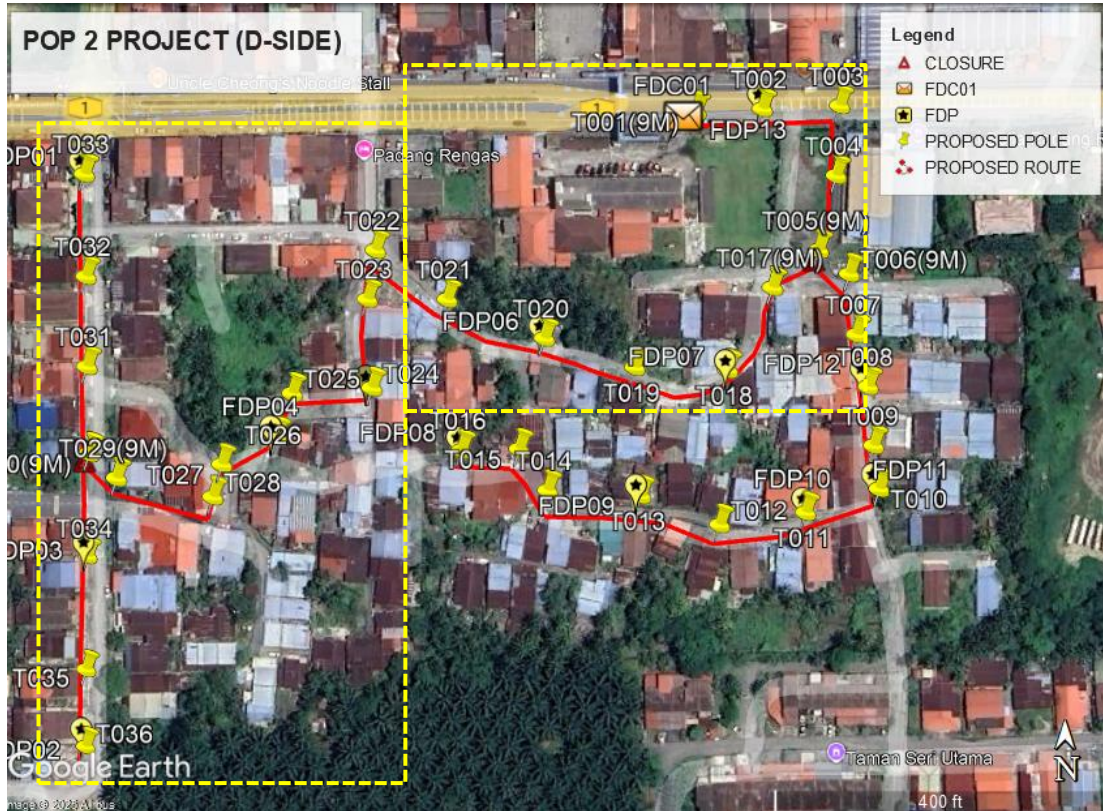


Blue Colour – Majlis Perbandaran Kuala Kangsar

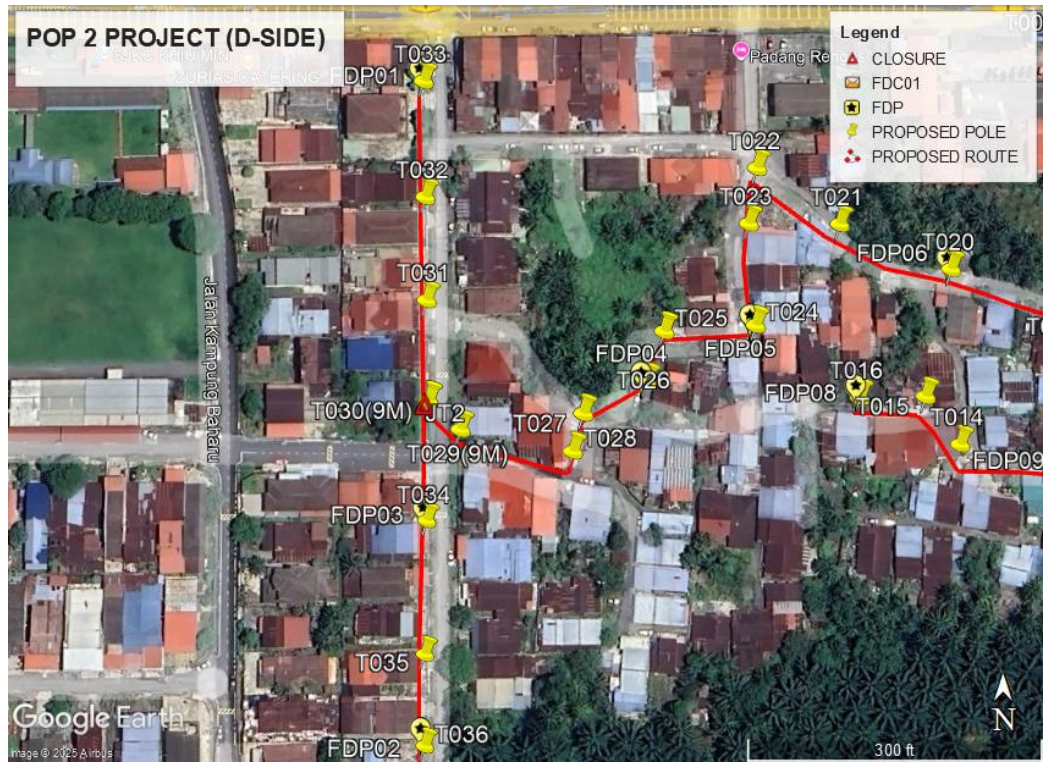
Red Colour – JKR Kuala Kangsar

Site Plan – KMZ Routing (All site area)

Route 1



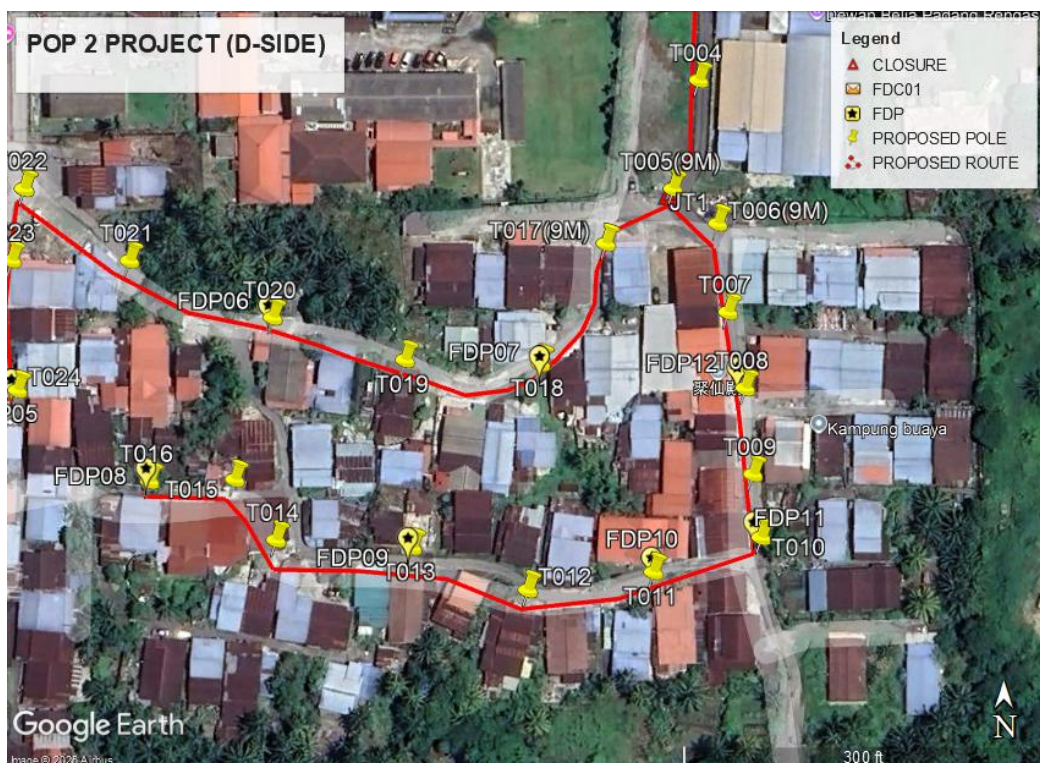
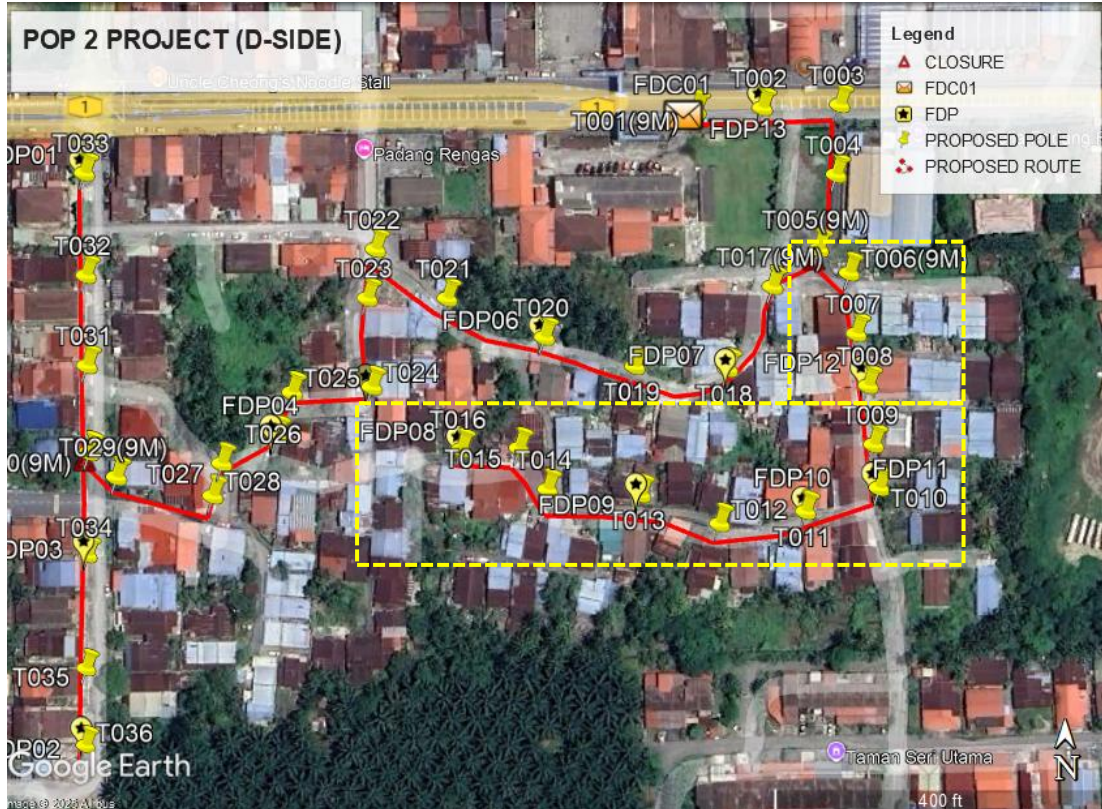
Route 1.1



Route 1.2

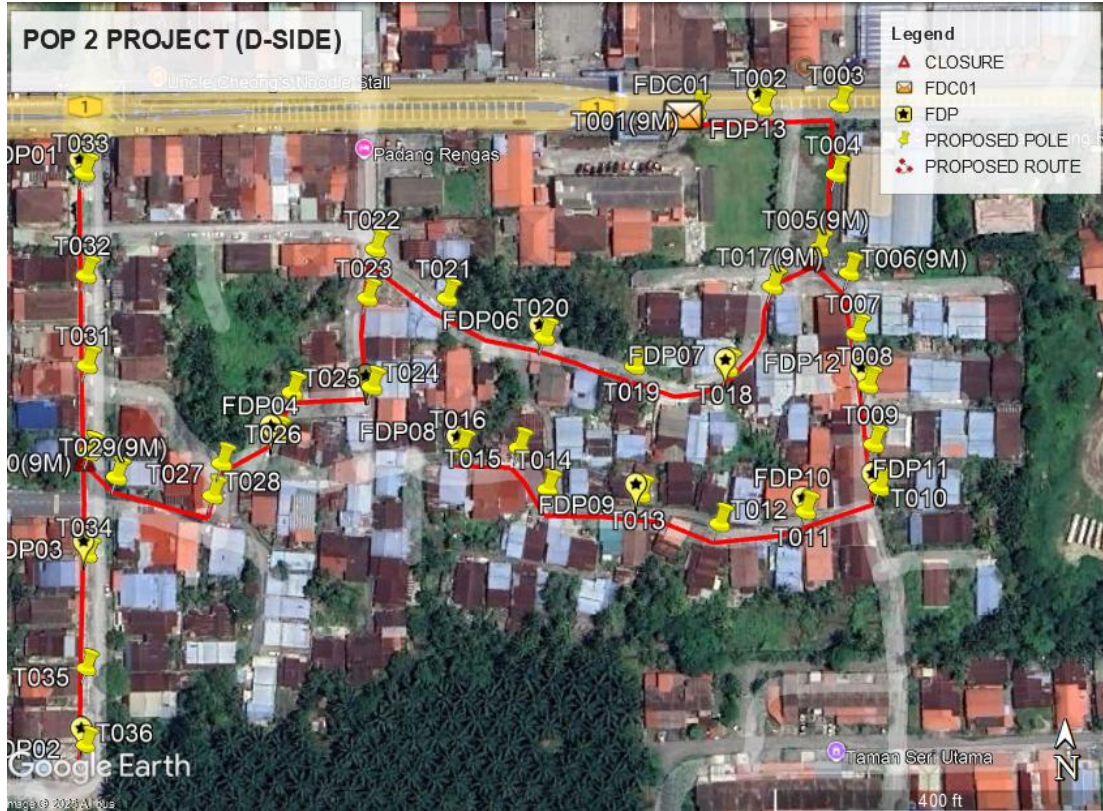
Site Plan – KMZ Routing (All site area)

Route 2



Route 2.1

Site Plan – KMZ Routing (Proposed New Pole)



Overall Pole (Proposed New)

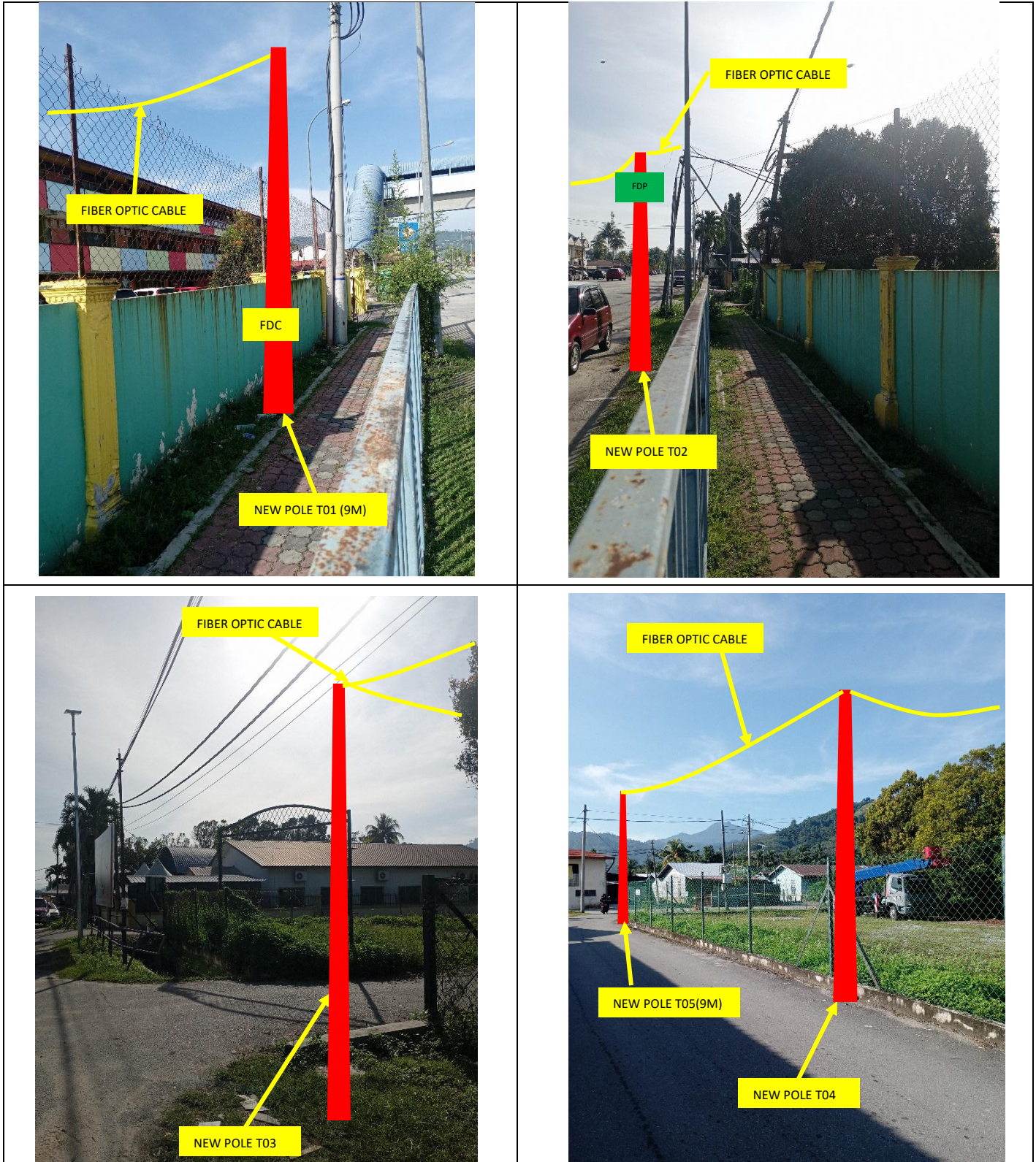
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	FDC	35	4.775503	100.844248	JKR Kuala Kangsar
2	T001(9M)	35	4.775503	100.844248	JKR Kuala Kangsar
3	T002	35	4.775547	100.844498	JKR Kuala Kangsar
4	T003	35	4.775557	100.844758	JKR Kuala Kangsar
5	T004	35	4.775322	100.844745	Majlis Perbandaran Kuala Kangsar
6	T005(9M)	35	4.775072	100.844686	Majlis Perbandaran Kuala Kangsar
7	T006(9M)	35	4.774992	100.844789	Majlis Perbandaran Kuala Kangsar
8	T007	35	4.774789	100.844811	Majlis Perbandaran Kuala Kangsar
9	T008	35	4.774615	100.844850	Majlis Perbandaran Kuala Kangsar
10	T009	35	4.774418	100.844868	Majlis Perbandaran Kuala Kangsar
11	T010	35	4.774274	100.844886	Majlis Perbandaran Kuala Kangsar
12	T011	35	4.774195	100.844639	Majlis Perbandaran Kuala Kangsar
13	T012	35	4.774155	100.844351	Majlis Perbandaran Kuala Kangsar
14	T013	30	4.774251	100.844087	Majlis Perbandaran Kuala Kangsar
15	T014	35	4.774269	100.843776	Majlis Perbandaran Kuala Kangsar
16	T015	35	4.774407	100.843681	Majlis Perbandaran Kuala Kangsar
17	T016	35	4.774403	100.843488	Majlis Perbandaran Kuala Kangsar
18	T017(9M)	35	4.774947	100.844531	Majlis Perbandaran Kuala Kangsar
19	T018	20	4.774671	100.844381	Majlis Perbandaran Kuala Kangsar
20	T019	20	4.774680	100.844069	Majlis Perbandaran Kuala Kangsar
21	T020	20	4.774777	100.843765	Majlis Perbandaran Kuala Kangsar
22	T021	25	4.774906	100.843440	Majlis Perbandaran Kuala Kangsar
23	T022	35	4.775069	100.843201	Majlis Perbandaran Kuala Kangsar
24	T023	35	4.774905	100.843175	Majlis Perbandaran Kuala Kangsar
25	T024	35	4.774610	100.843190	Majlis Perbandaran Kuala Kangsar
26	T025	35	4.774592	100.842926	Majlis Perbandaran Kuala Kangsar
27	T026	35	4.774447	100.842875	Majlis Perbandaran Kuala Kangsar
28	T027	35	4.774357	100.842694	Majlis Perbandaran Kuala Kangsar
29	T028	35	4.774249	100.842664	Majlis Perbandaran Kuala Kangsar
30	T029(9M)	35	4.774312	100.842344	Majlis Perbandaran Kuala Kangsar
31	T030(9M)	35	4.774393	100.842253	Majlis Perbandaran Kuala Kangsar
32	T031	35	4.774681	100.842246	Majlis Perbandaran Kuala Kangsar
33	T032	35	4.774980	100.842240	Majlis Perbandaran Kuala Kangsar

Overall Pole (Proposed New)

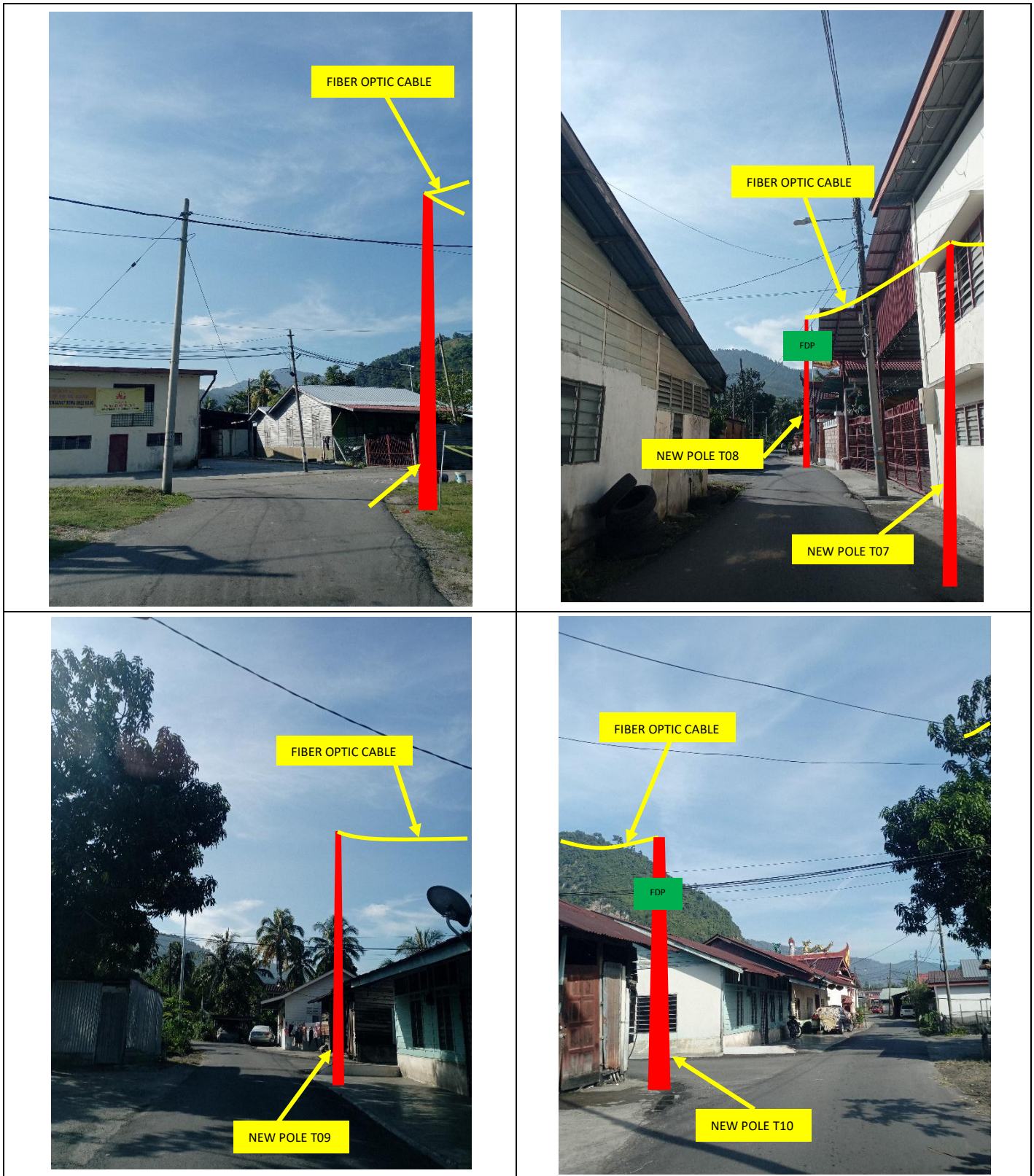
34	T033	35	4.775320	100.842233	Majlis Perbandaran Kuala Kangsar
35	T034	35	4.774058	100.842250	Majlis Perbandaran Kuala Kangsar
36	T035	35	4.773685	100.842247	Majlis Perbandaran Kuala Kangsar
37	T036	35	4.773432	100.842248	Majlis Perbandaran Kuala Kangsar

Bil	Type	7.5m	9.0m	Total
1	No. of Pole	30	6	36

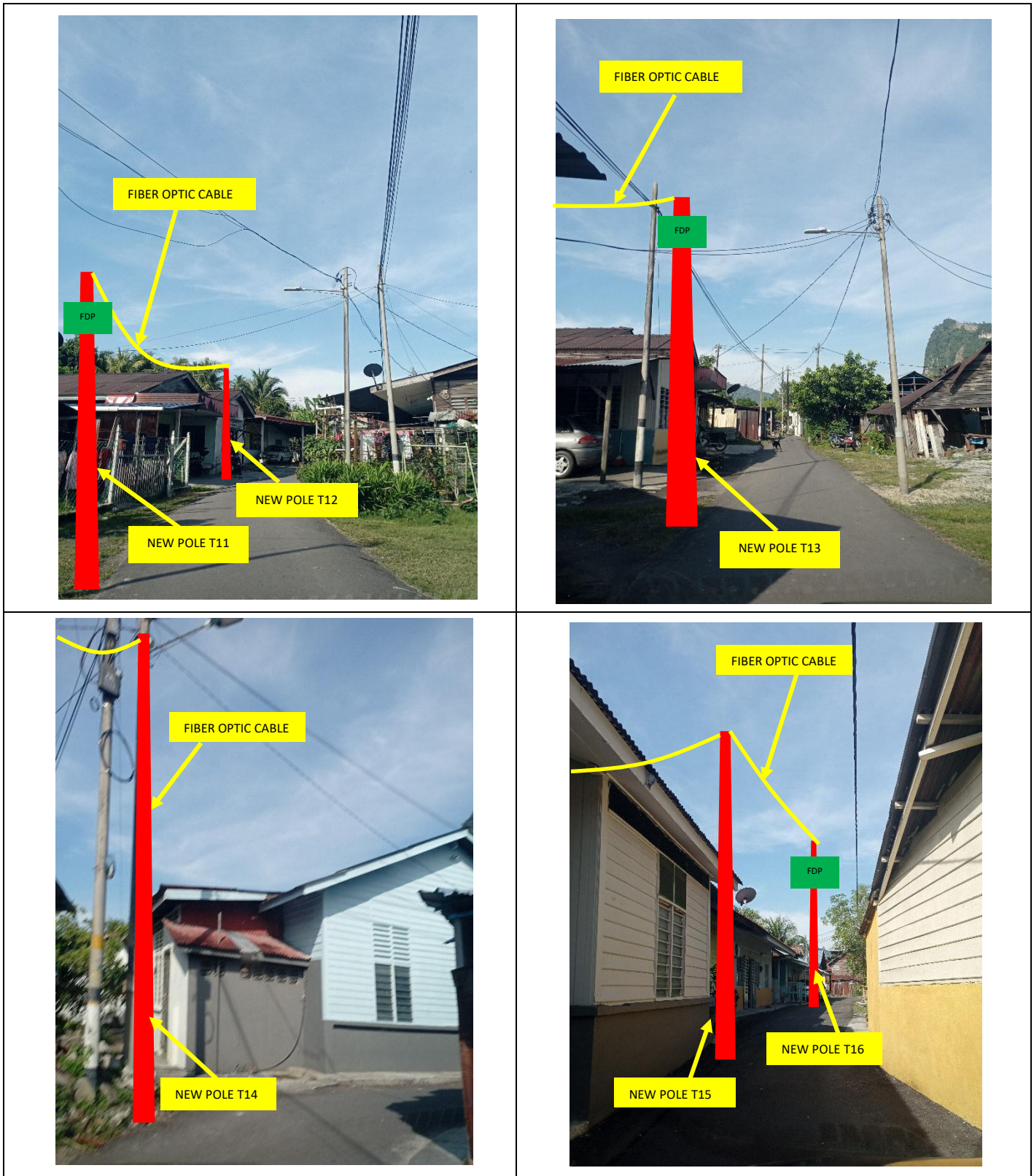
Site Photos – Proposed to install pole



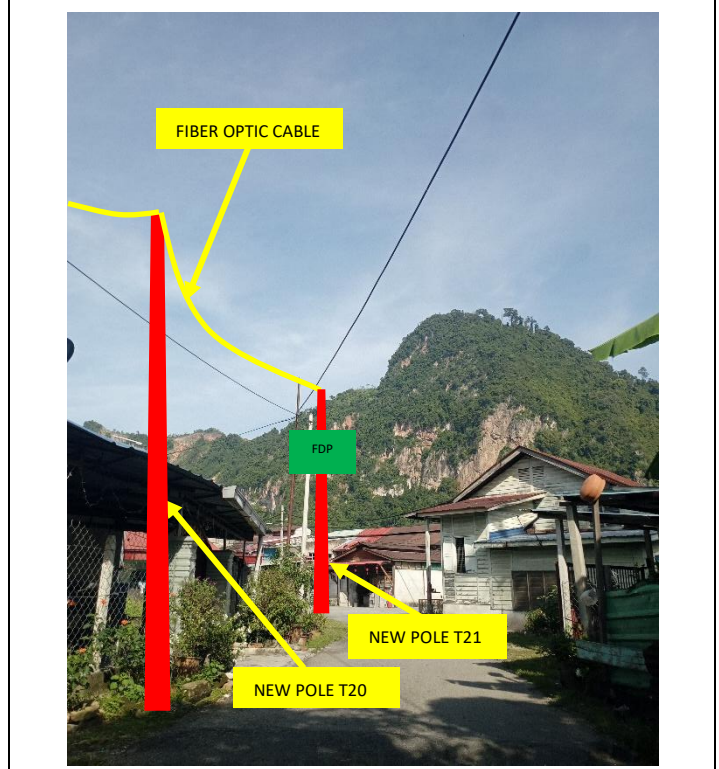
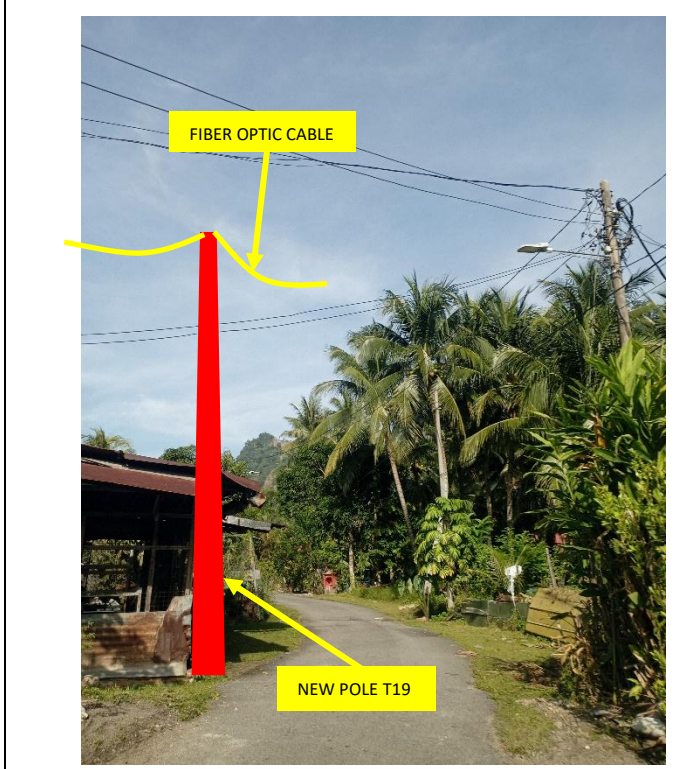
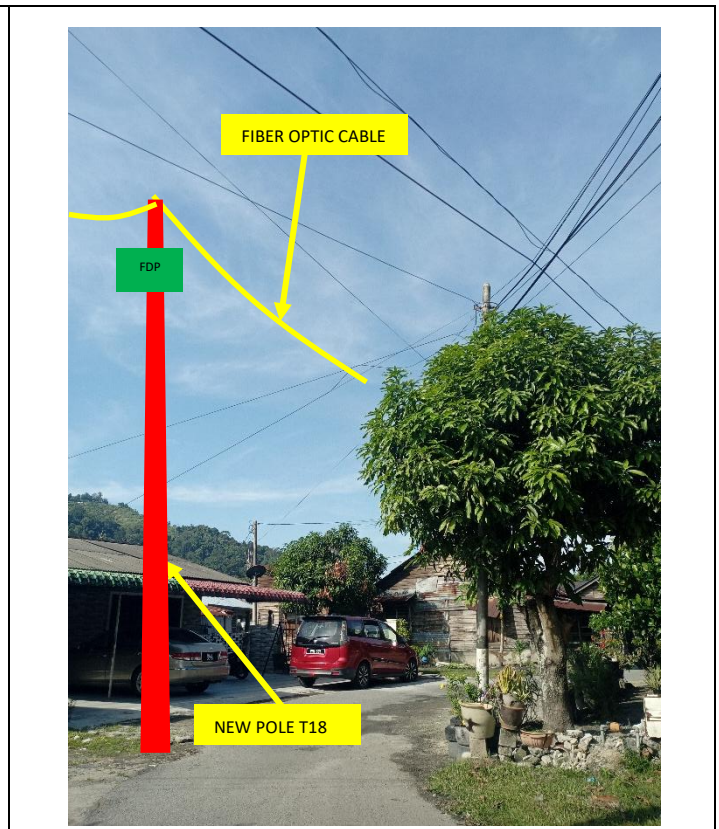
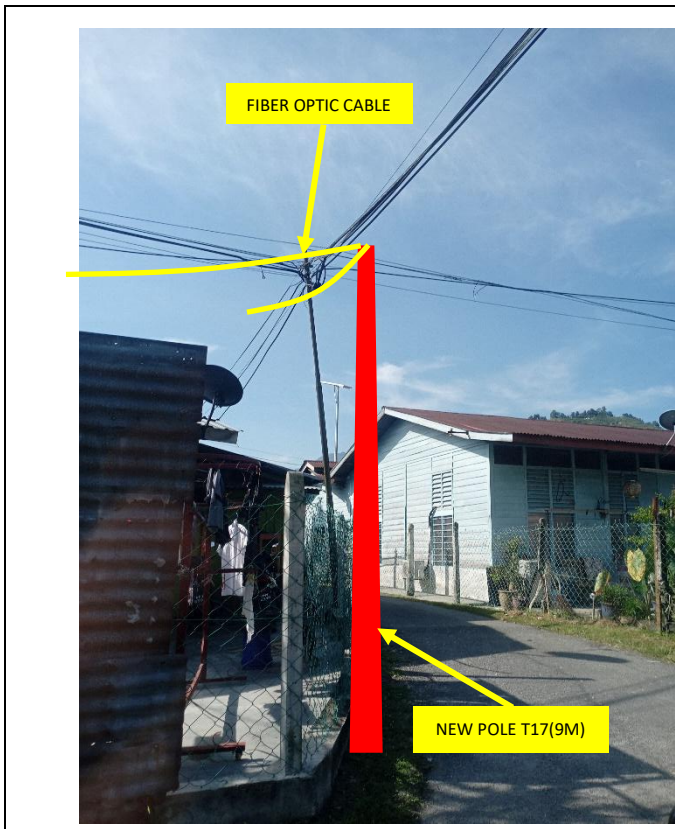
Site Photos – Proposed to install pole



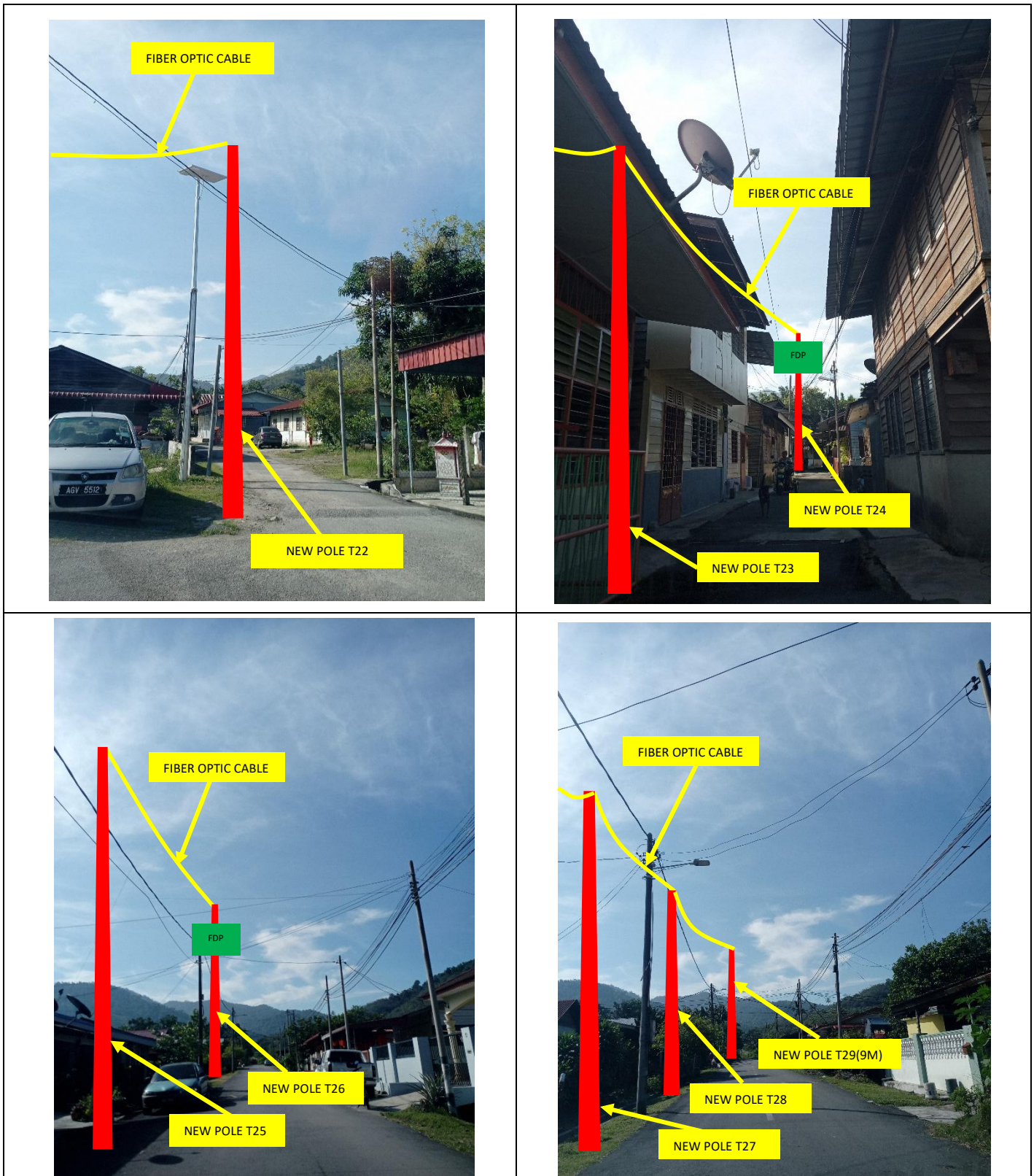
Site Photos – Proposed to install pole



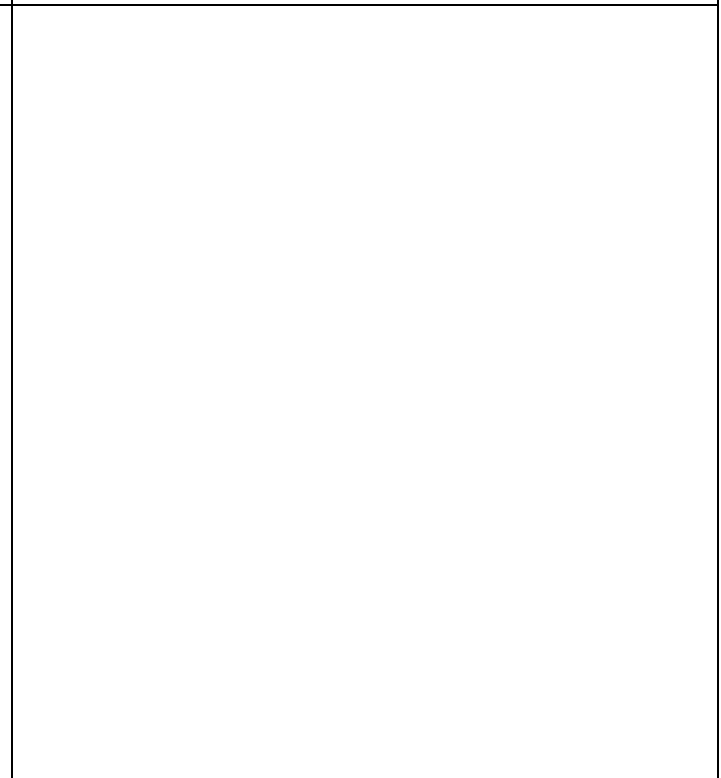
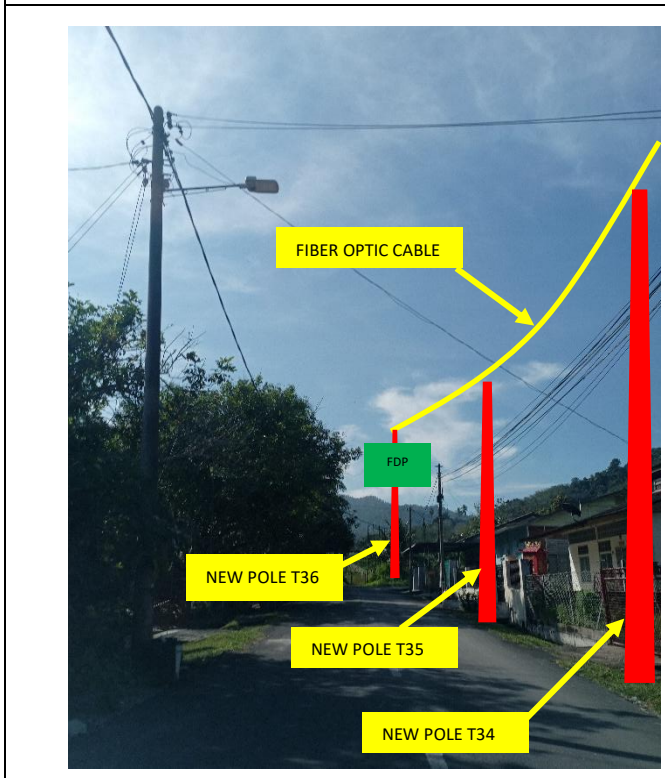
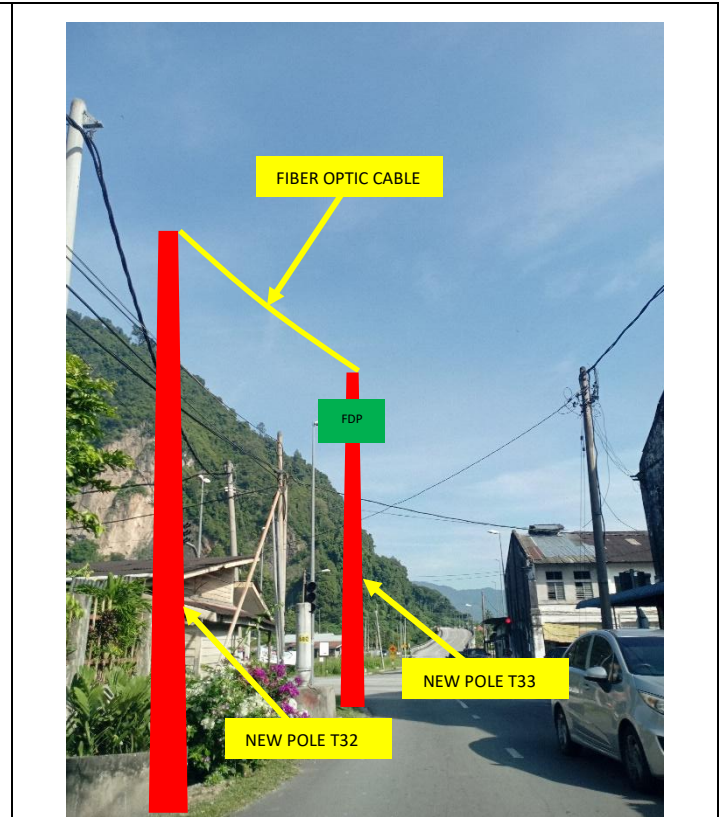
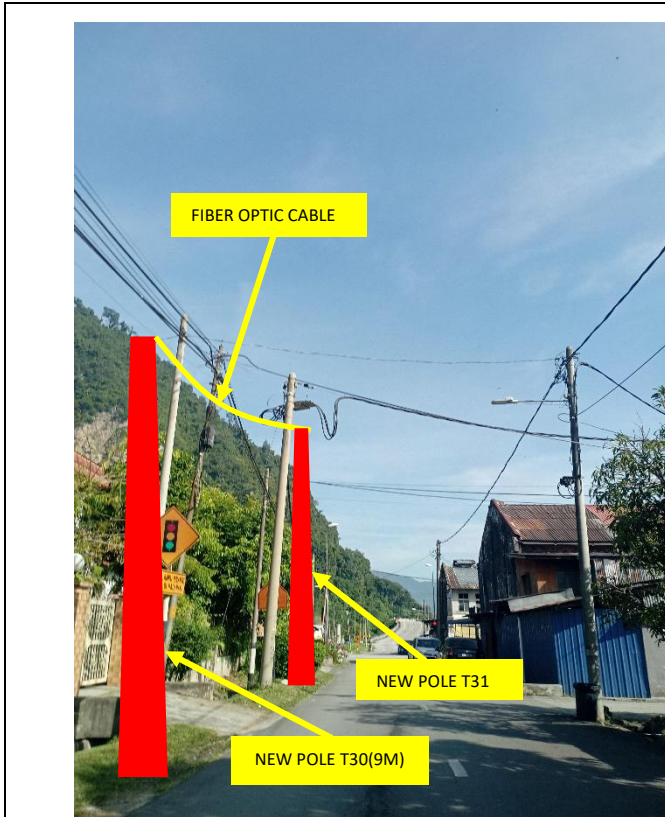
Site Photos – Proposed to install pole



Site Photos – Proposed to install pole



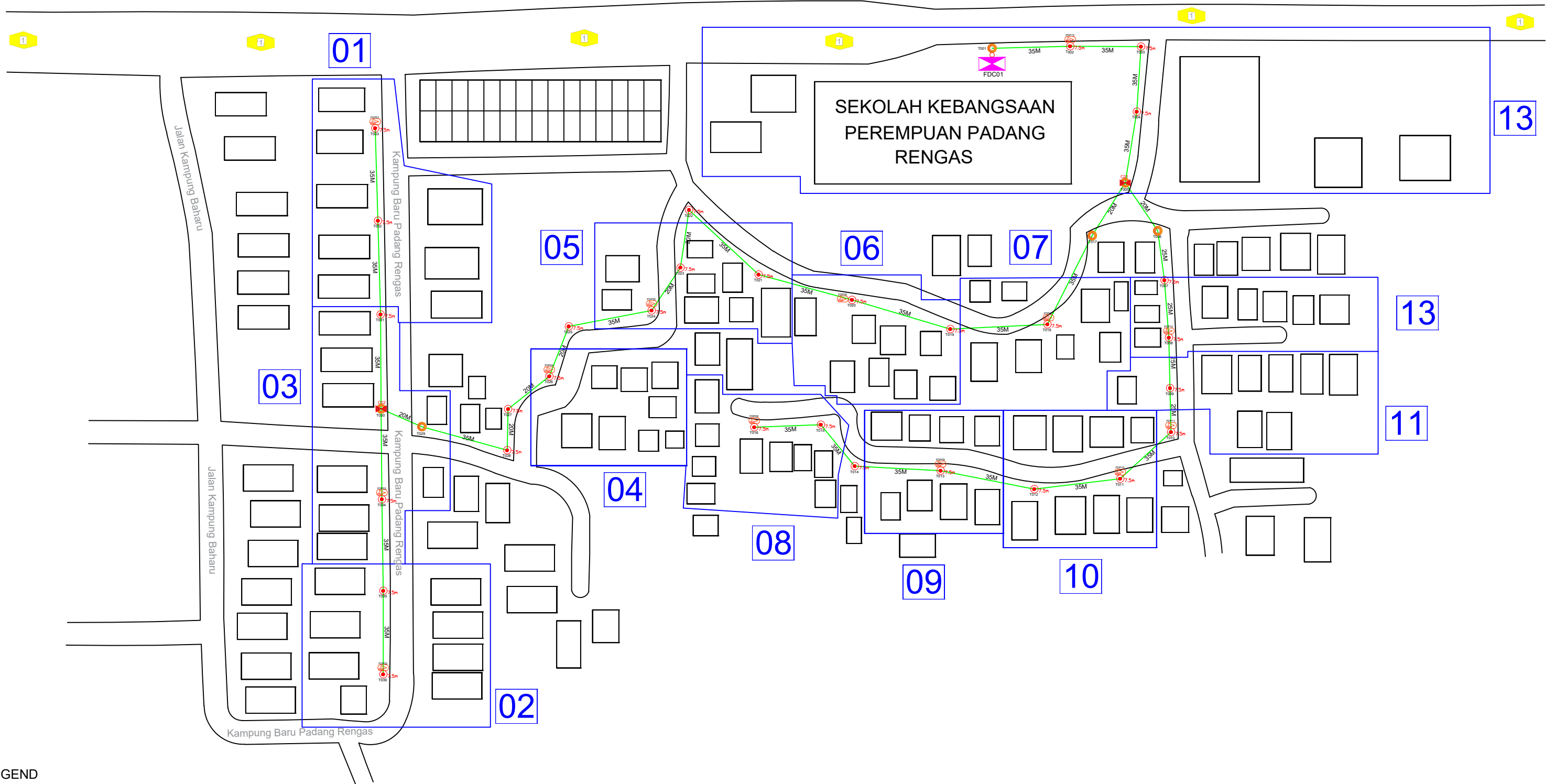
Site Photos – Proposed to install pole



3rd Parties Dependencies

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

SK PEREMPUAN PADANG RENGAS



LEGEND

12C FOC	Installed 1:8 splitter in FDC	Installed Pole (9m)	MANHOLE (JRC7)	TS / TB	Tension Small/Tension Big	HDD	70 Mtr
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		(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	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 - SK PEREMPUAN PADANG RENGAS

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 :

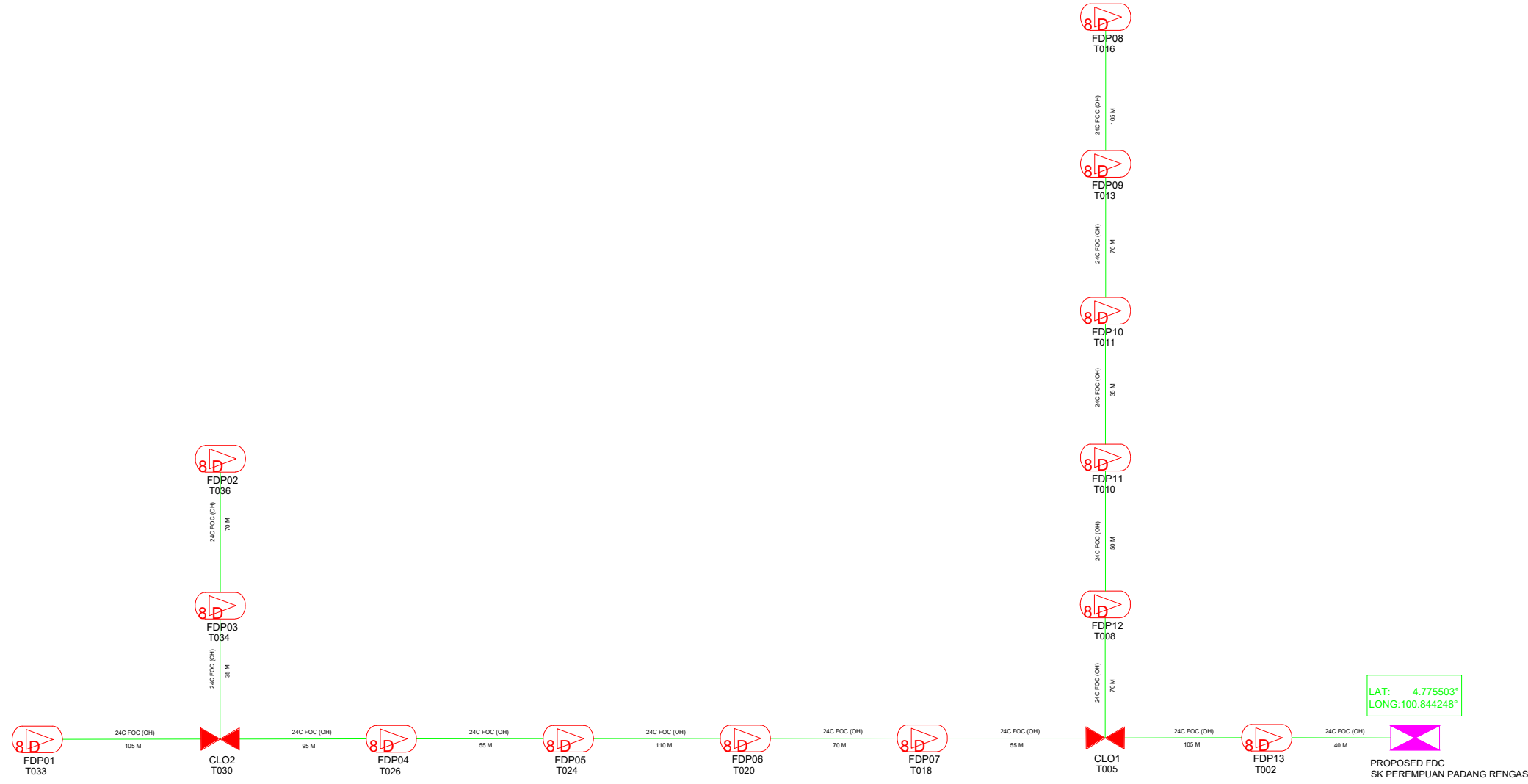
Sheet :

1/2

Size :

A3

SK PEREMPUAN PADANG RENGAS



LEGEND

12C FOC	Installed 1:8 splitter in FDC	13 ea	Installed Pole (9m)	5 ea	MANHOLE (JRC7)	TS / TB	Tension Small/Tension Big	HDD	70 Mtr	SEE A-A in this page
24C FOC	FDP with (1:8) splitter	1 ea	Installed Riser	1 ea	House Number		Existing Manhole	GR		
48C FOC	Closure	2 ea	TENSION		Existing TNB Pole	C01	Closure NO.	Existing TNB Pole 11m		SEE SHEET X/XXX
96C FOC	New Manhole (PIT)	1 ea	SUSPENSION		LOOP	FDP1	FDP NO.	Existing TNB Pole NO.		
144C FOC	Installed Pole (7.5M)	31 ea	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: SLD - SK PEREMPUAN PADANG RENGAS	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 : 2/2 Size : A3