

TECHNICAL PROPOSAL

ABC4093-SEKOLAH JENIS KEBANGSAAN (CINA) KHAI CHEE (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 Jenis Kebangsaan (Cina) Khai Chee
Address	:	33020 Kuala Kangsar, Perak.
District	:	Kuala Kangsar
Postcode	:	33020
State	:	Perak
GPS Coordinate	:	4.874909, 100.905787
LRD	:	A

End Point

Site / Boundary Name	:	Jalan Haji Abdul Karim
Address	:	33020 Kuala Kangsar, Perak.
District	:	Kuala Kangsar
Postcode	:	33020
State	:	Perak
GPS Coordinate	:	4.864325, 100.899088
LRD	:	B

Work Summary

No	Proposed Distance and Method	Unit	Qty
1	Horizontal Directional Drilling (HDD)	m	70
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	2625
2	Proposed Pole	ea	75
3	Proposed Manhole	ea	2
4	Proposed GI Riser 50mm	ea	3
5	Proposed Fiber Distribution Point	ea	13
6	Proposed Joint Closure	ea	4
7	Estimated time required for completion	days	30

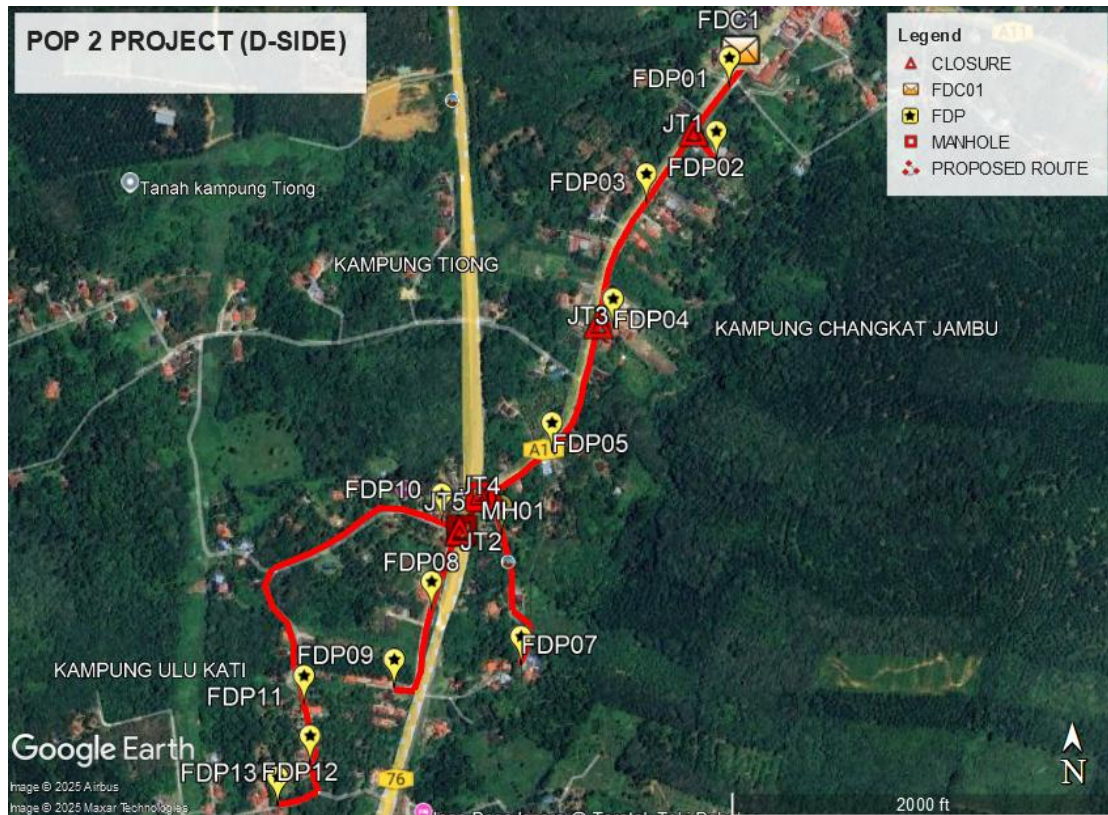
Local Authority Summary

1. Daerah Kuala Muda

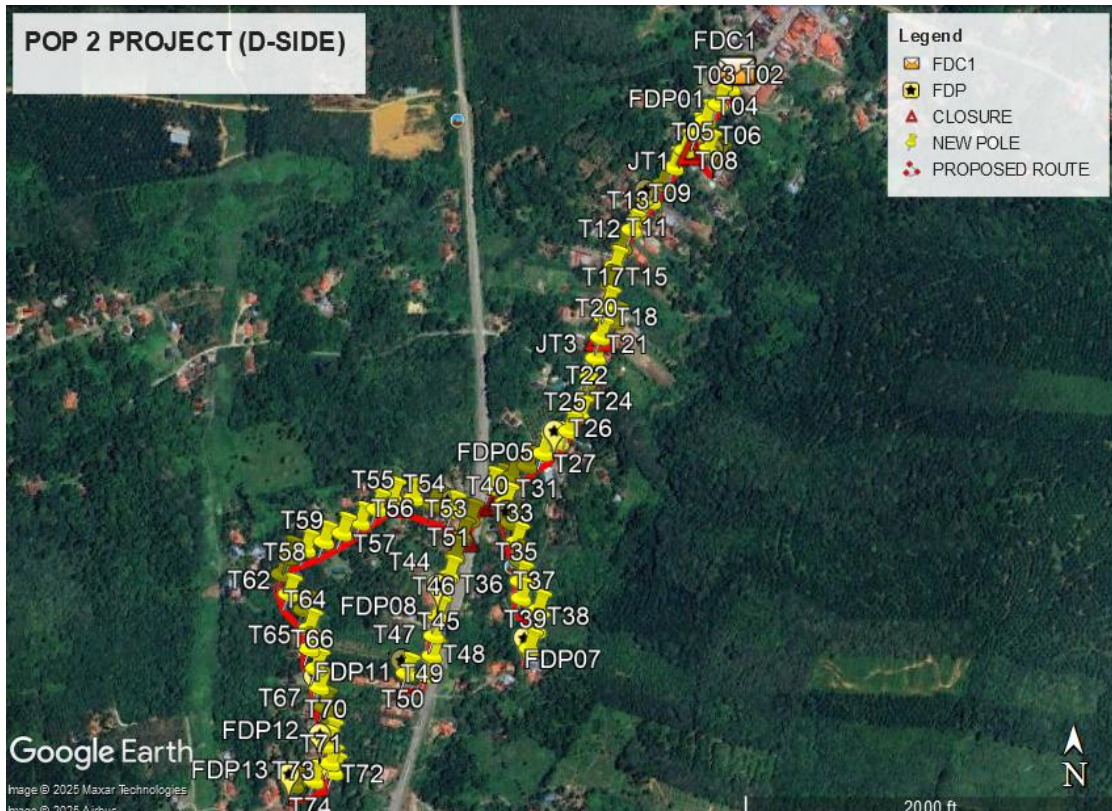
Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	1	70m
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	39pcs	1330m
		Majlis	36pcs	1225m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				2625m

Site Plan – KMZ (Overview site area)

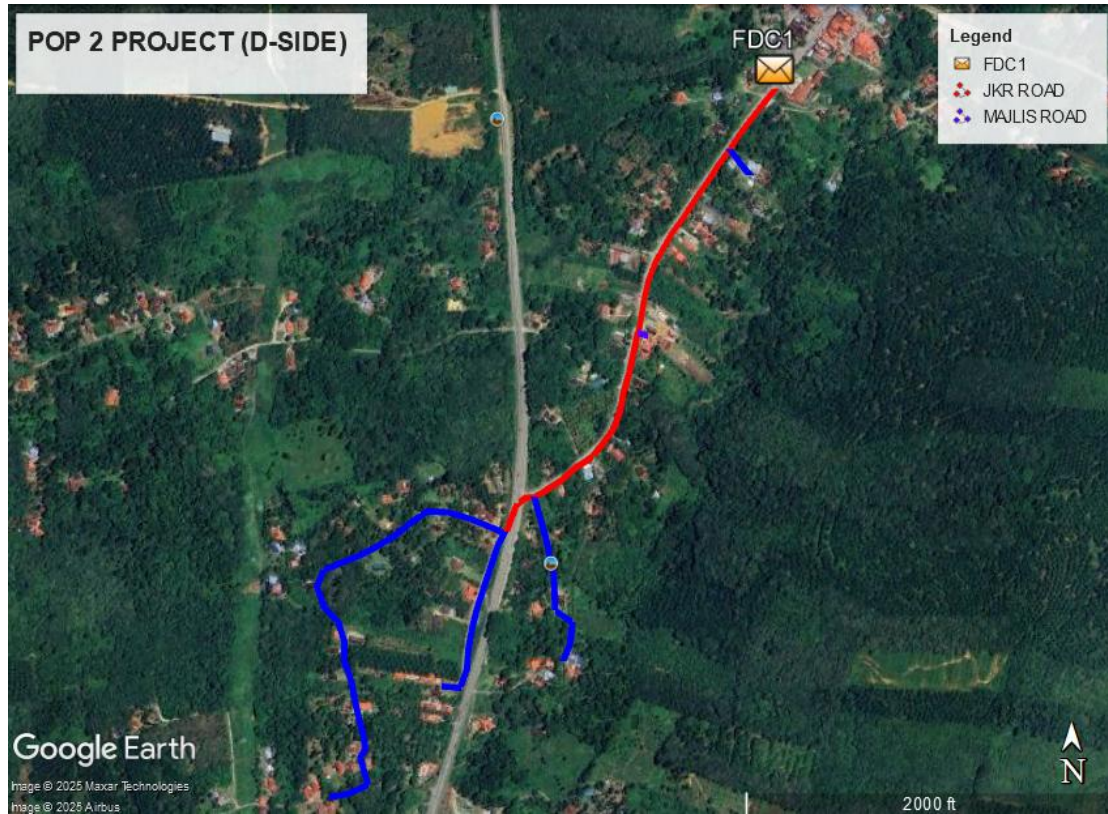
Proposed FDP & Closure



Proposed New Pole



Site Plan – KMZ Routing (All Local Authority)

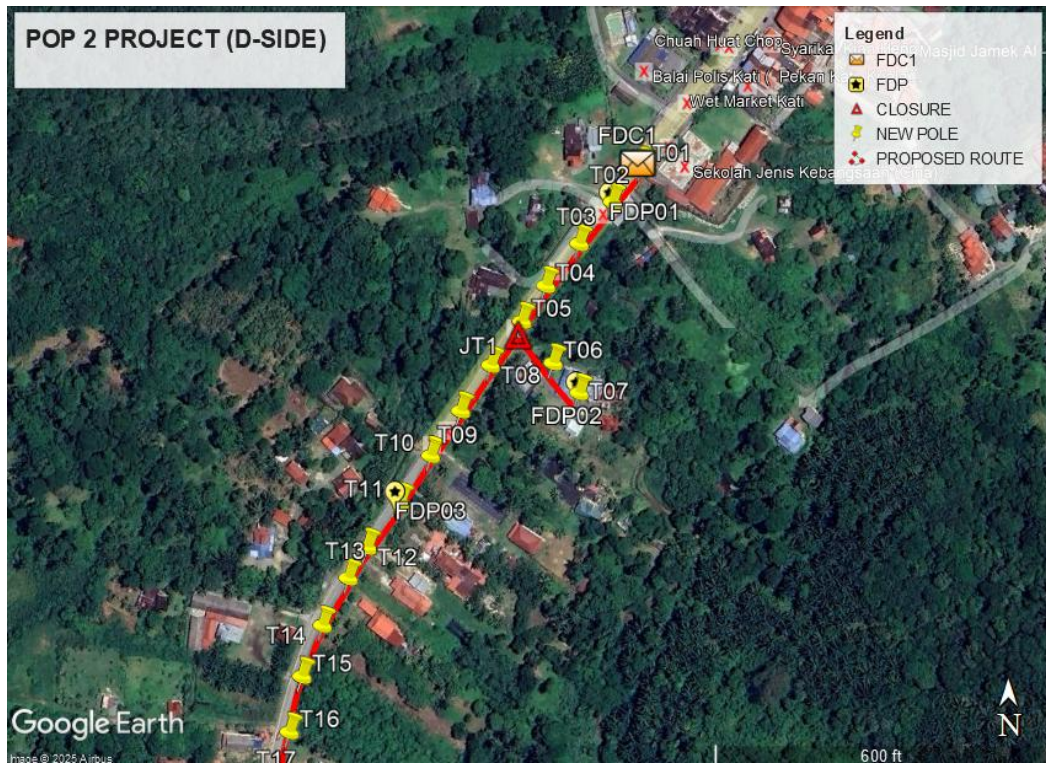
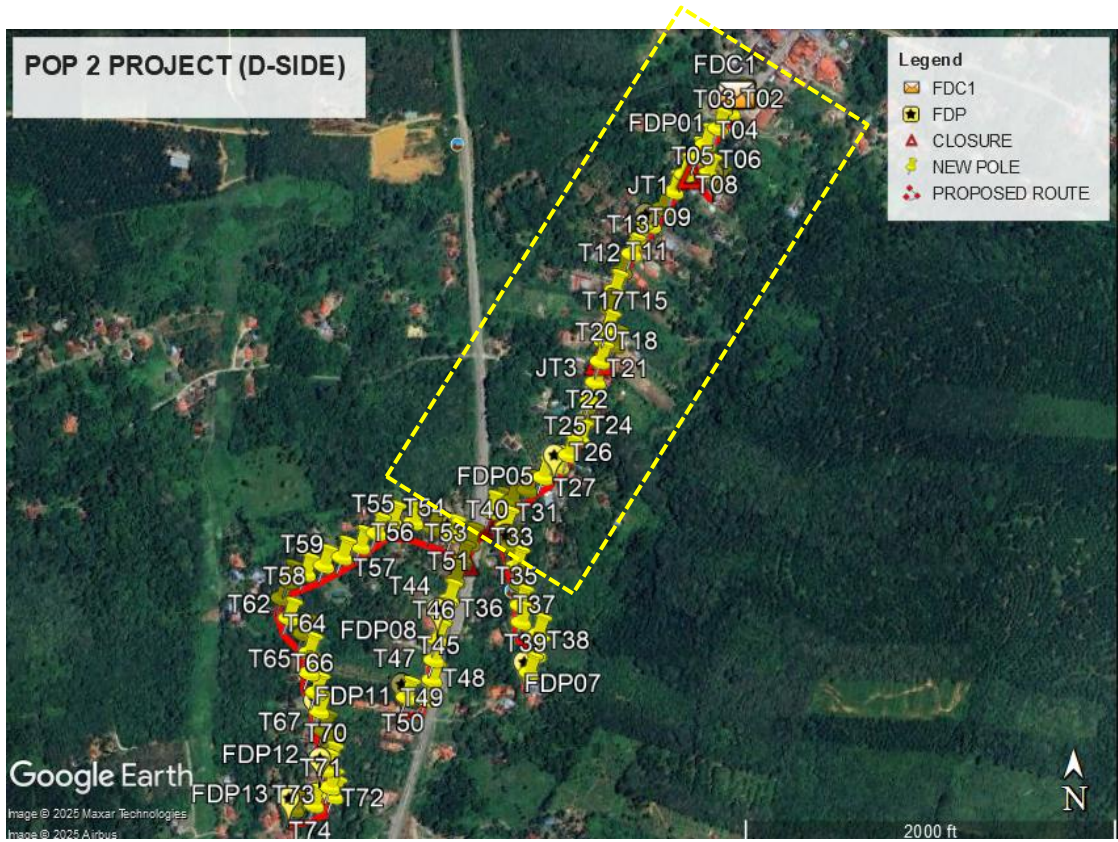


Blue Colour – Majlis Perbandaran Kuala Kangsar

Red Colour – JKR Kuala Kangsar

Site Plan – KMZ Routing (All site area)

Route 1

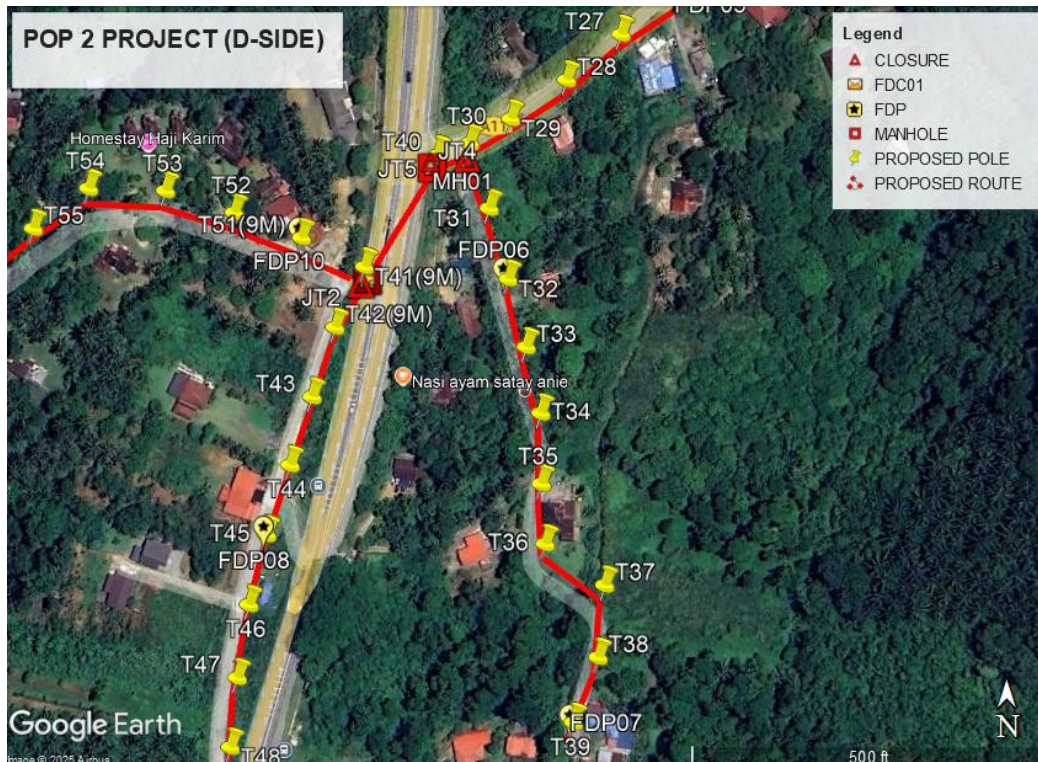
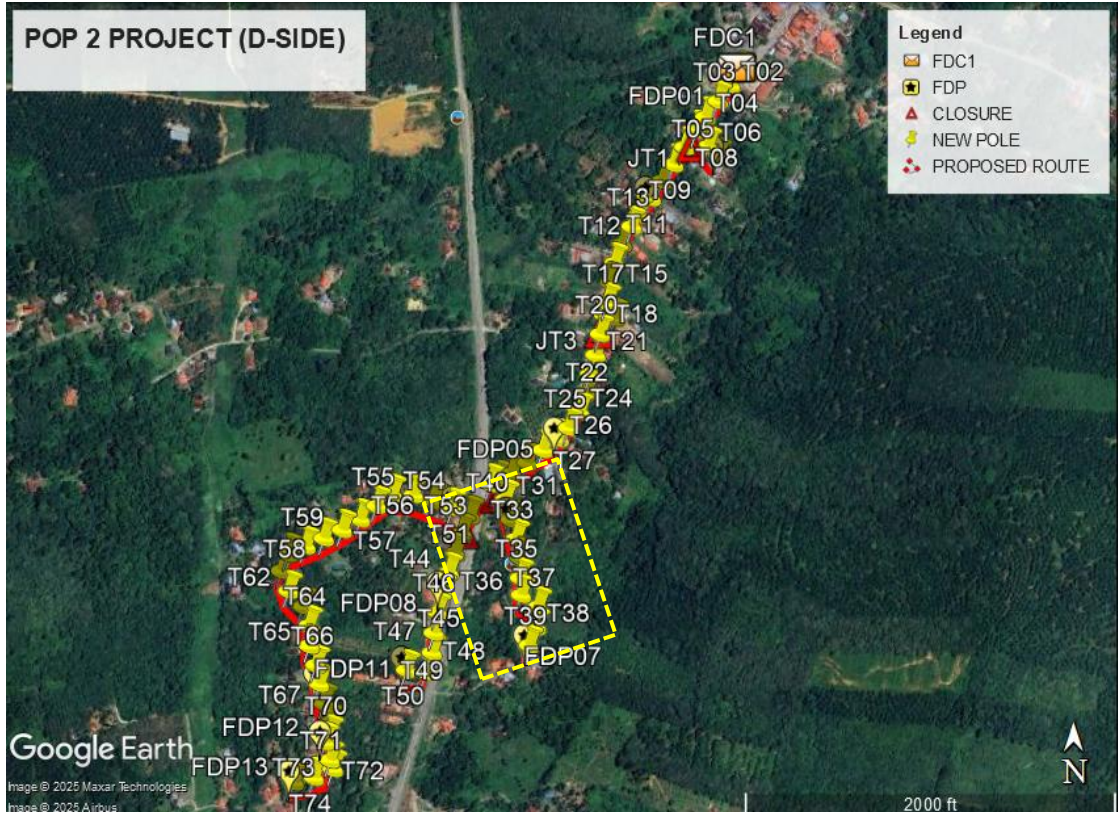


Route 1.1



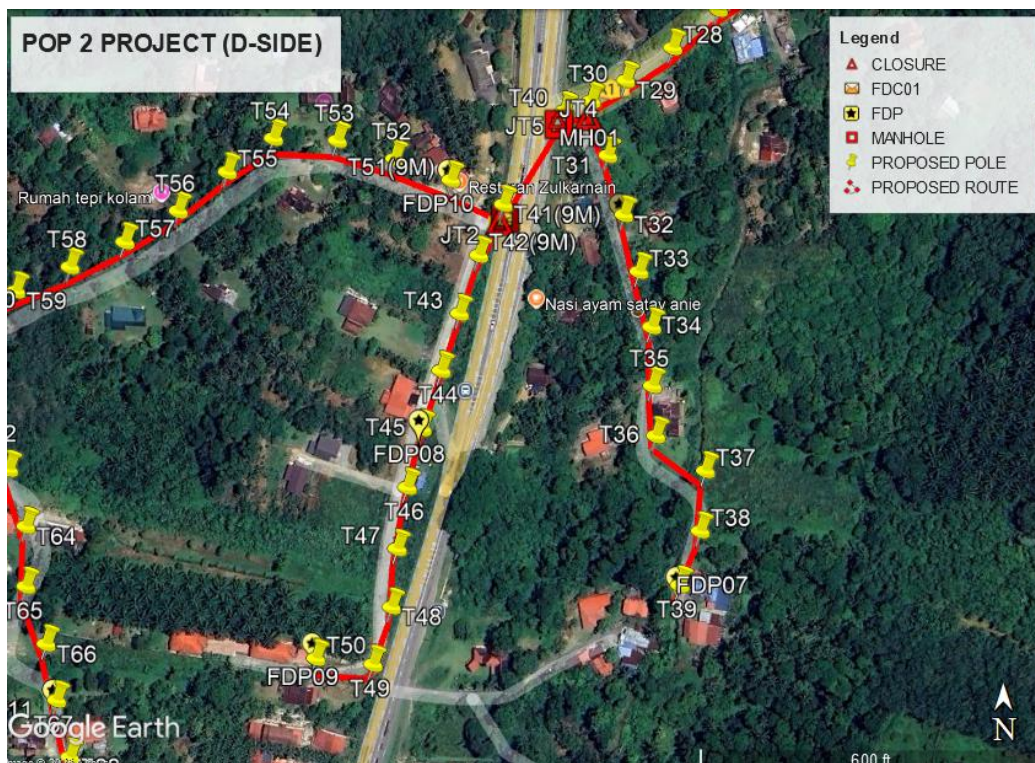
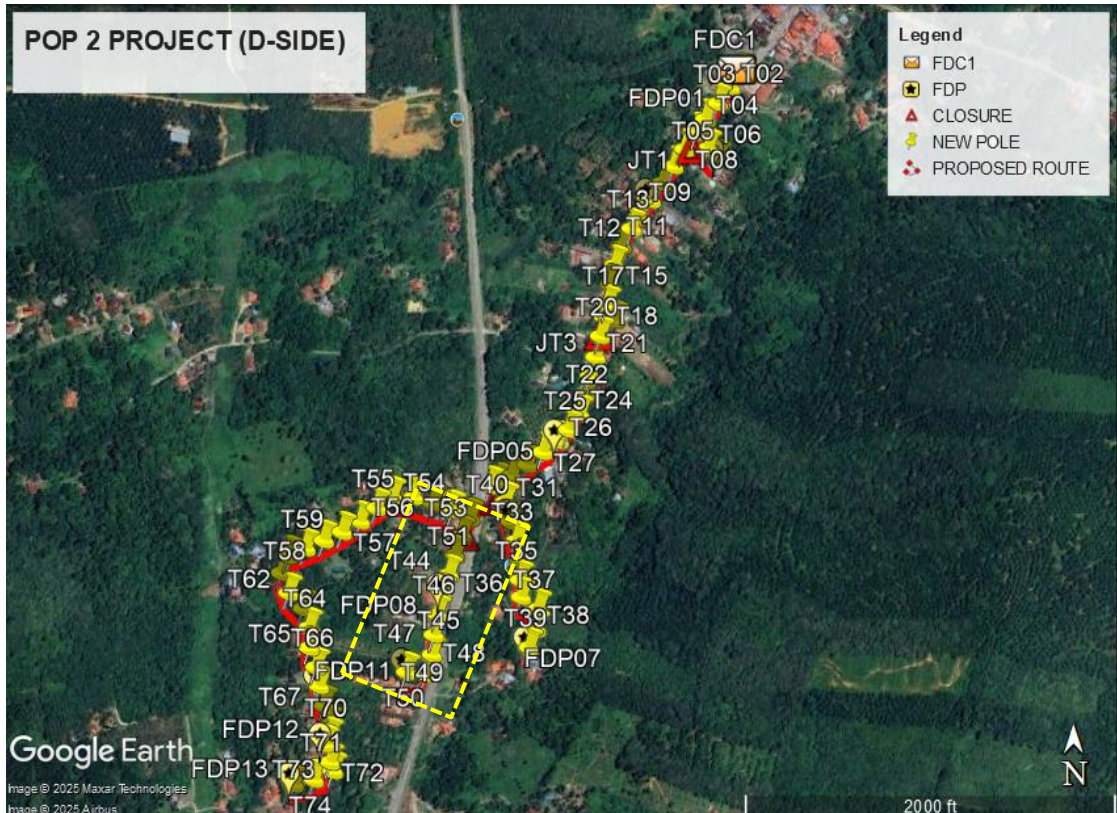
Route 1.2

Route 2



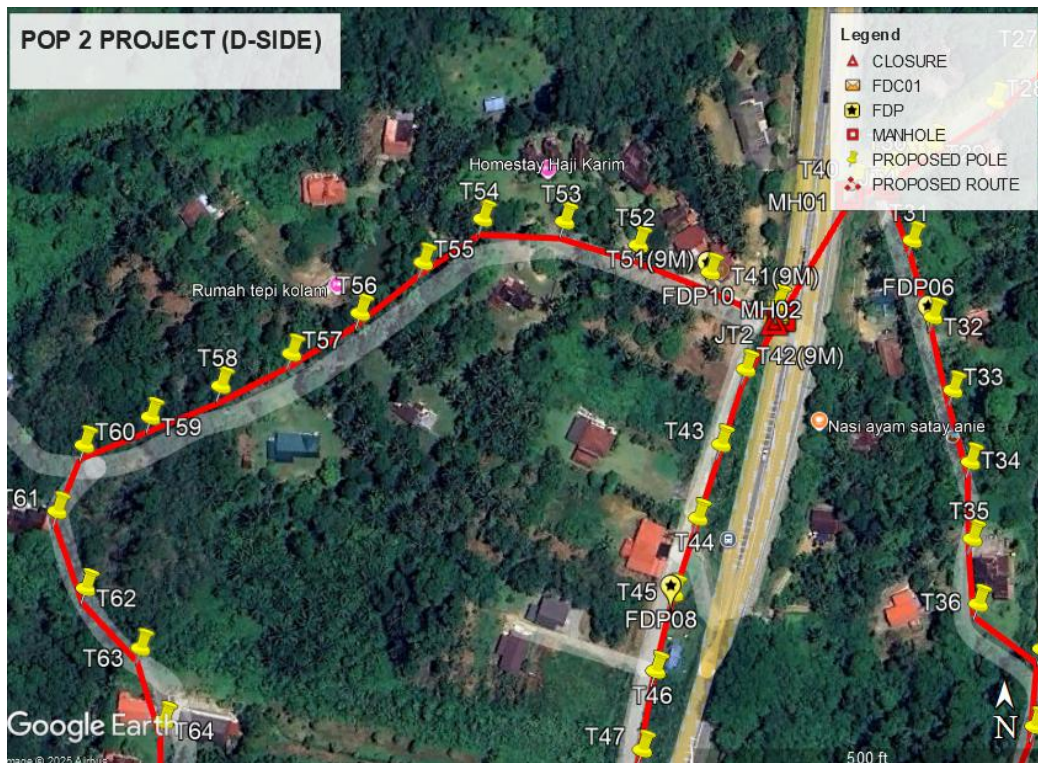
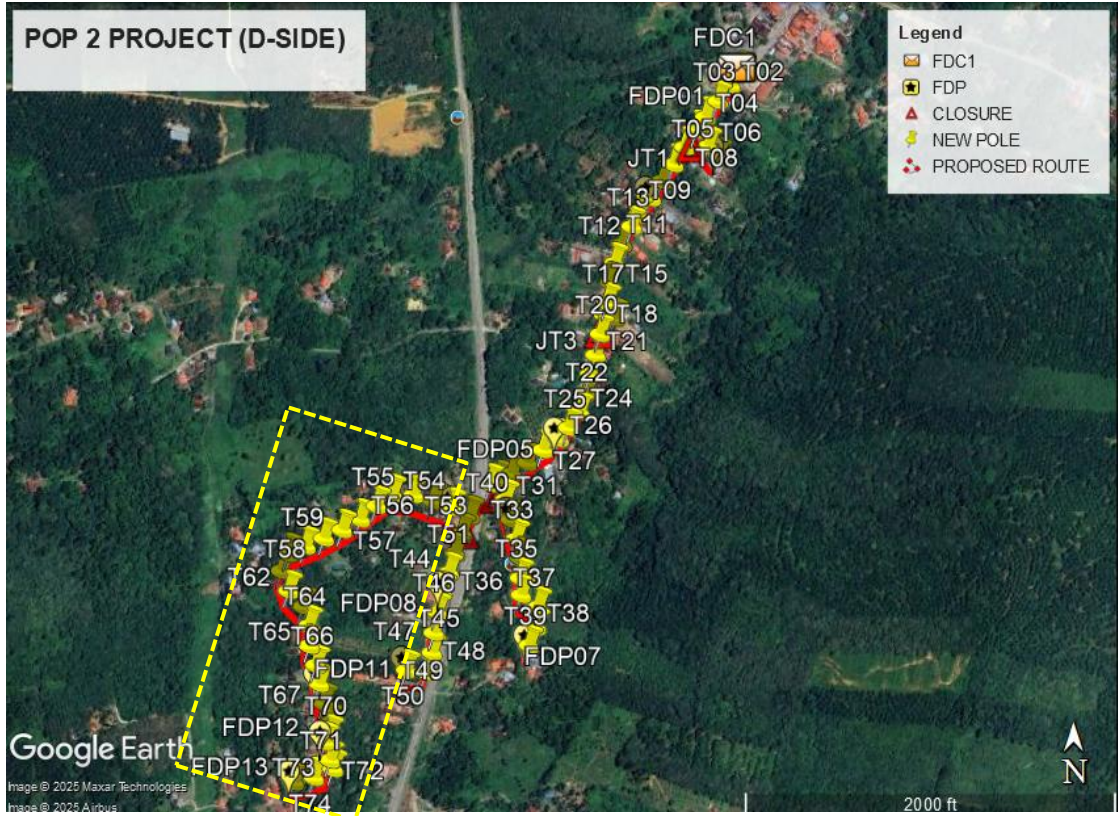
Route 2.1

Route 3

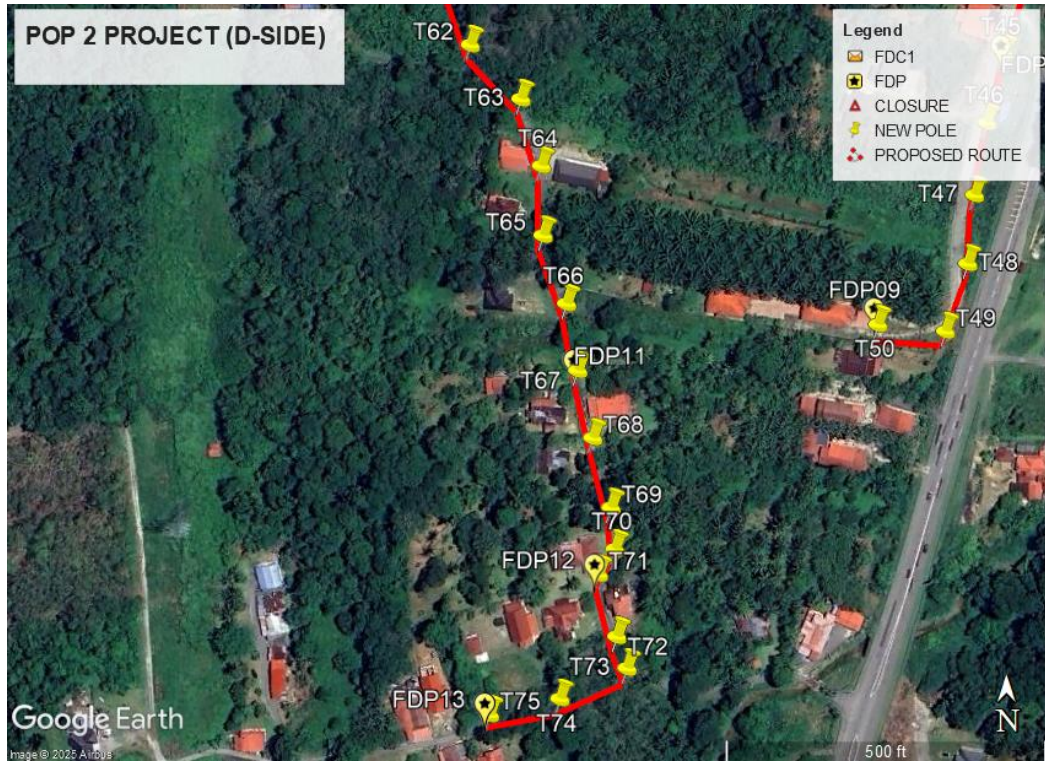


Route 3.1

Route 4

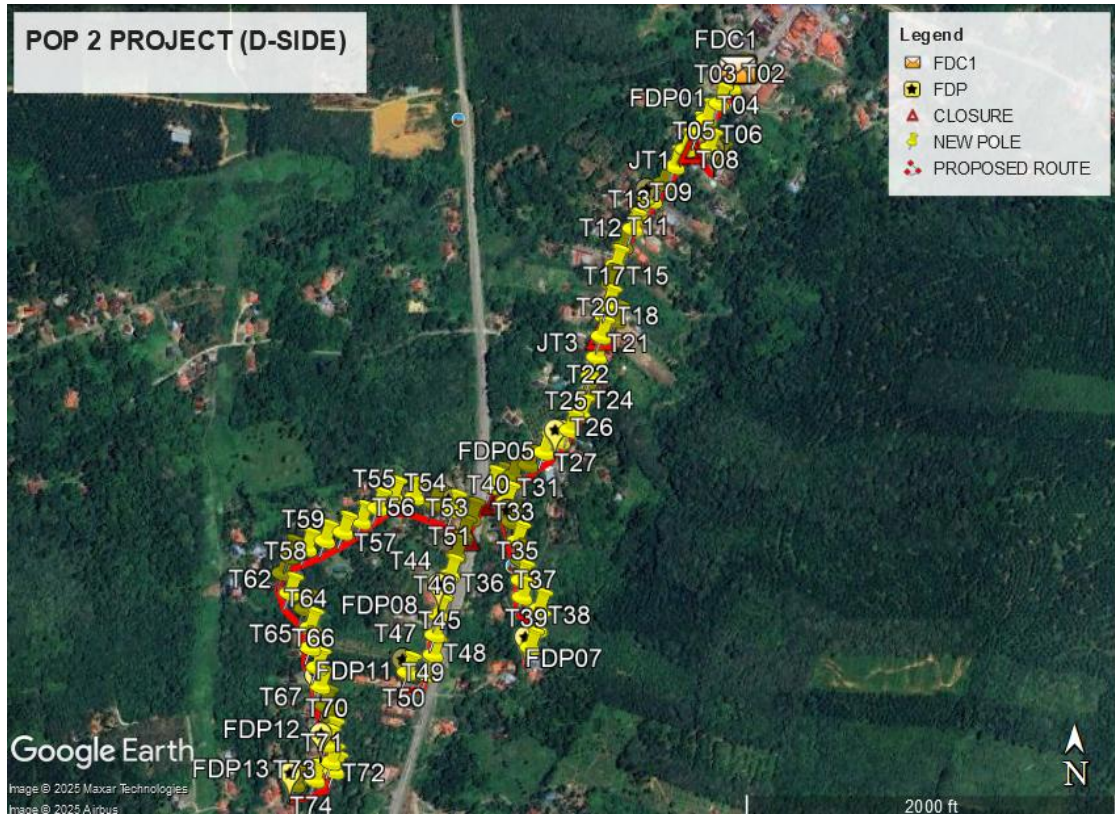


Route 4.1



Route 4.2

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	4.874909	100.905787	JKR Kuala Kangsar
2	T001(9M)	35	4.874921	100.905786	JKR Kuala Kangsar
3	T002(9M)	35	4.874713	100.905617	JKR Kuala Kangsar
4	T003	35	4.874476	100.905429	JKR Kuala Kangsar
5	T004	35	4.874240	100.905242	JKR Kuala Kangsar
6	T005	35	4.874041	100.905108	JKR Kuala Kangsar
7	T006	35	4.873810	100.905283	JKR Kuala Kangsar
8	T007	35	4.873642	100.905429	JKR Kuala Kangsar
9	T008	35	4.873797	100.904933	JKR Kuala Kangsar
10	T009	35	4.873541	100.904765	JKR Kuala Kangsar
11	T010	35	4.873291	100.904597	JKR Kuala Kangsar
12	T011	35	4.873034	100.904426	JKR Kuala Kangsar
13	T012	35	4.872782	100.904244	JKR Kuala Kangsar
14	T013	25	4.872612	100.904139	JKR Kuala Kangsar
15	T014	25	4.872347	100.903993	JKR Kuala Kangsar
16	T015	25	4.872066	100.903881	JKR Kuala Kangsar
17	T016	25	4.871765	100.903818	JKR Kuala Kangsar
18	T017	25	4.871466	100.903767	JKR Kuala Kangsar
19	T018	25	4.871278	100.903728	JKR Kuala Kangsar
20	T019	25	4.871236	100.903883	JKR Kuala Kangsar
21	T020	25	4.871000	100.903664	JKR Kuala Kangsar
22	T021	25	4.870688	100.903595	JKR Kuala Kangsar
23	T022	35	4.870407	100.903518	JKR Kuala Kangsar
24	T023	35	4.870123	100.903456	JKR Kuala Kangsar
25	T024	35	4.869835	100.903356	JKR Kuala Kangsar
26	T025	35	4.869600	100.903189	JKR Kuala Kangsar
27	T026	35	4.869431	100.903044	JKR Kuala Kangsar
28	T027	35	4.869268	100.902805	JKR Kuala Kangsar
29	T028	35	4.869076	100.902573	JKR Kuala Kangsar
30	T029	35	4.868912	100.902335	JKR Kuala Kangsar
31	T030	20	4.868808	100.902158	Majlis Perbandaran Kuala Kangsar
32	T031	35	4.868528	100.902242	Majlis Perbandaran Kuala Kangsar
33	T032	35	4.868227	100.902324	Majlis Perbandaran Kuala Kangsar
34	T033	35	4.867939	100.902400	Majlis Perbandaran Kuala Kangsar
35	T034	35	4.867658	100.902463	Majlis Perbandaran Kuala Kangsar
36	T035	35	4.867360	100.902464	Majlis Perbandaran Kuala Kangsar

Overall Pole (Proposed New)

T036	35	4.867110	100.902480	Majlis Perbandaran Kuala Kangsar
T037	35	4.866933	100.902732	Majlis Perbandaran Kuala Kangsar
T038	35	4.866632	100.902704	Majlis Perbandaran Kuala Kangsar
T039	35	4.866362	100.902599	Majlis Perbandaran Kuala Kangsar
T040	35	4.868757	100.902022	JKR Kuala Kangsar
T041(9M)	35	4.868279	100.901711	JKR Kuala Kangsar
T042(9M)	35	4.868401	100.901444	JKR Kuala Kangsar
T043	35	4.868022	100.901586	JKR Kuala Kangsar
T044	35	4.867727	100.901488	JKR Kuala Kangsar
T045	35	4.867438	100.901396	JKR Kuala Kangsar
T046	35	4.867144	100.901299	JKR Kuala Kangsar
T047	35	4.866849	100.901224	JKR Kuala Kangsar
T048	35	4.866539	100.901173	JKR Kuala Kangsar
T049	35	4.866244	100.901144	JKR Kuala Kangsar
T050	35	4.865954	100.901050	Majlis Perbandaran Kuala Kangsar
T051(9M)	25	4.865984	100.900759	Majlis Perbandaran Kuala Kangsar
T052	35	4.868507	100.901160	Majlis Perbandaran Kuala Kangsar
T053	35	4.868598	100.900870	Majlis Perbandaran Kuala Kangsar
T054	35	4.868605	100.900550	Majlis Perbandaran Kuala Kangsar
T055	35	4.868435	100.900319	Majlis Perbandaran Kuala Kangsar
T056	35	4.868238	100.900074	Majlis Perbandaran Kuala Kangsar
T057	35	4.868081	100.899809	Majlis Perbandaran Kuala Kangsar
T058	35	4.867956	100.899534	Majlis Perbandaran Kuala Kangsar
T059	35	4.867835	100.899260	Majlis Perbandaran Kuala Kangsar
T060	35	4.867726	100.899002	Majlis Perbandaran Kuala Kangsar
T061	35	4.867470	100.898895	Majlis Perbandaran Kuala Kangsar
T062	35	4.867171	100.899005	Majlis Perbandaran Kuala Kangsar
T063	35	4.866941	100.899221	Majlis Perbandaran Kuala Kangsar
T064	35	4.866656	100.899308	Majlis Perbandaran Kuala Kangsar
T065	35	4.866358	100.899316	Majlis Perbandaran Kuala Kangsar
T066	35	4.866070	100.899416	Majlis Perbandaran Kuala Kangsar
T067	35	4.865786	100.899464	Majlis Perbandaran Kuala Kangsar
T068	35	4.865499	100.899528	Majlis Perbandaran Kuala Kangsar
T069	35	4.865203	100.899605	Majlis Perbandaran Kuala Kangsar
T070	35	4.865029	100.899621	Majlis Perbandaran Kuala Kangsar
T071	35	4.864924	100.899550	Majlis Perbandaran Kuala Kangsar
T072	35	4.864661	100.899629	Majlis Perbandaran Kuala Kangsar
T073	35	4.864526	100.899672	Majlis Perbandaran Kuala Kangsar
T074	35	4.864395	100.899387	Majlis Perbandaran Kuala Kangsar
T075	35	4.864325	100.899088	Majlis Perbandaran Kuala Kangsar

Bil	Type	7.5m	9.0m	Total
1	No. of Pole	70	5	75

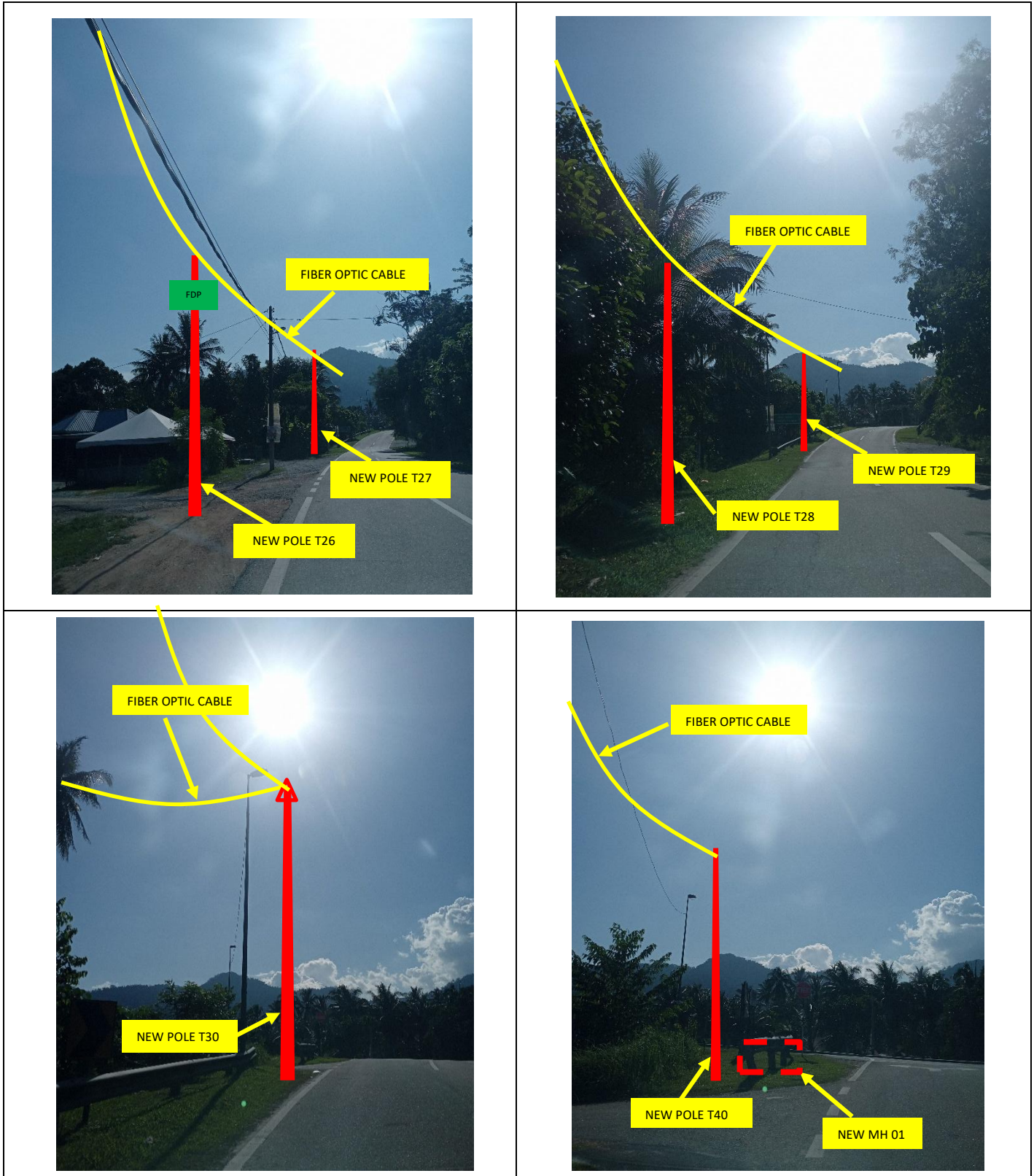
Site Photos – Proposed to install pole



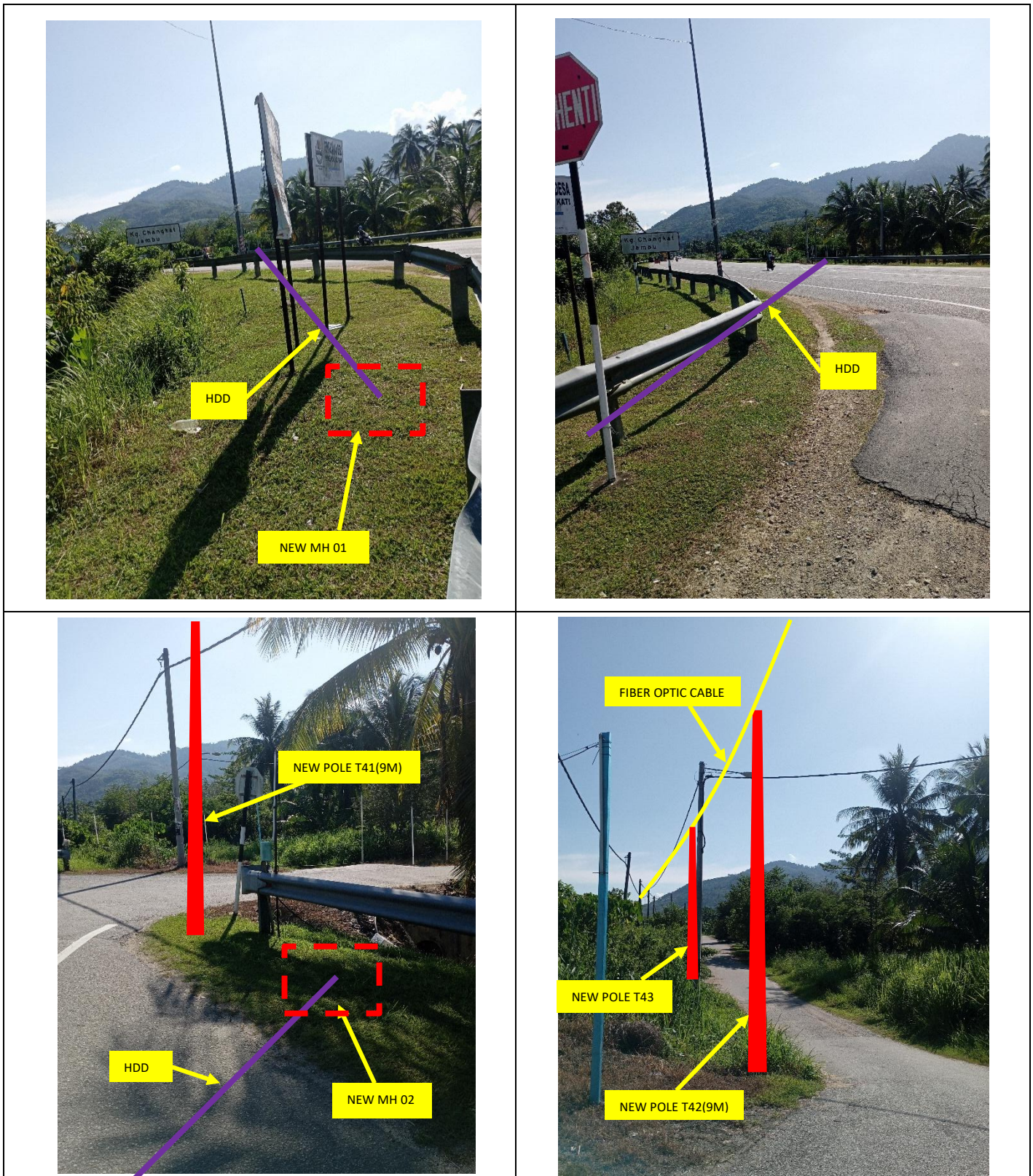
Site Photos – Proposed to install pole



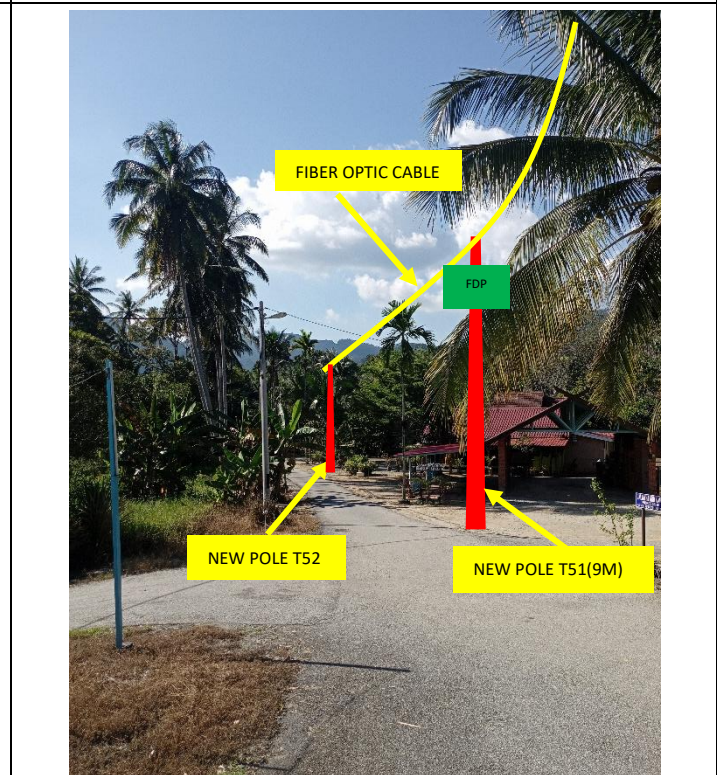
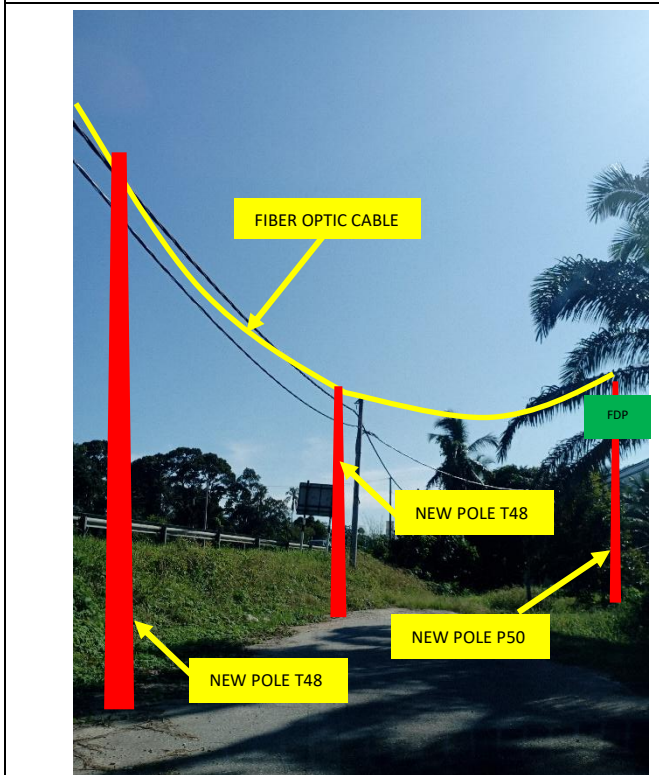
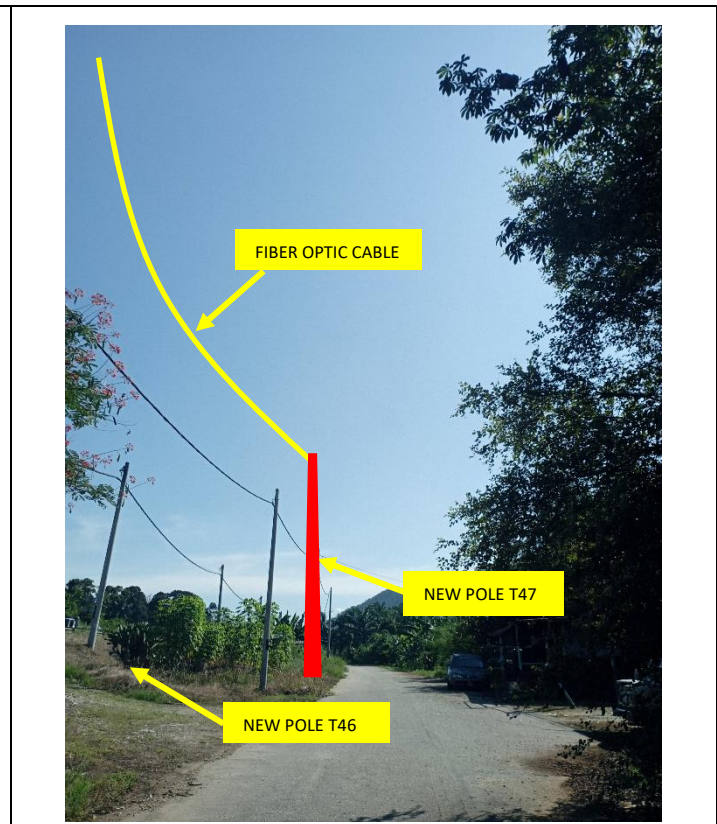
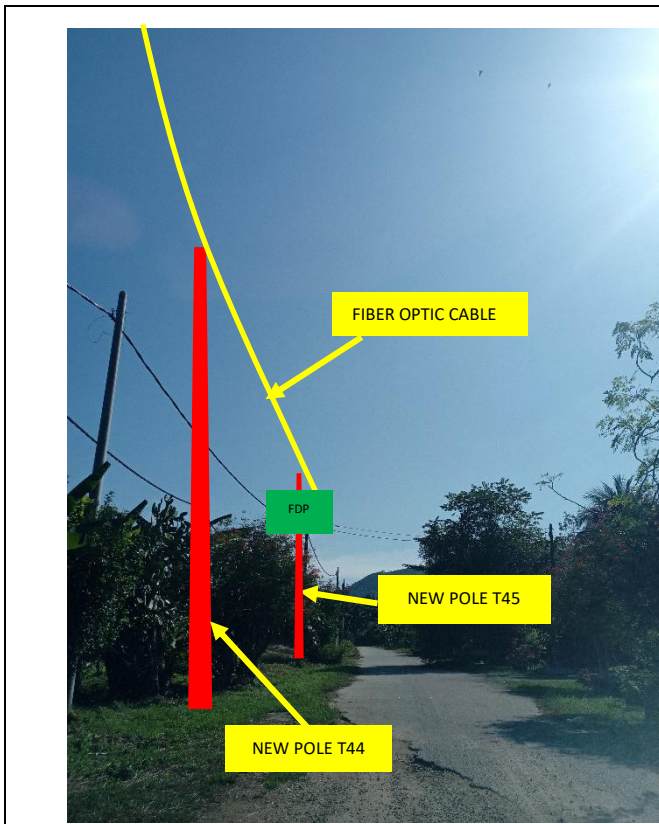
Site Photos – Proposed to install pole



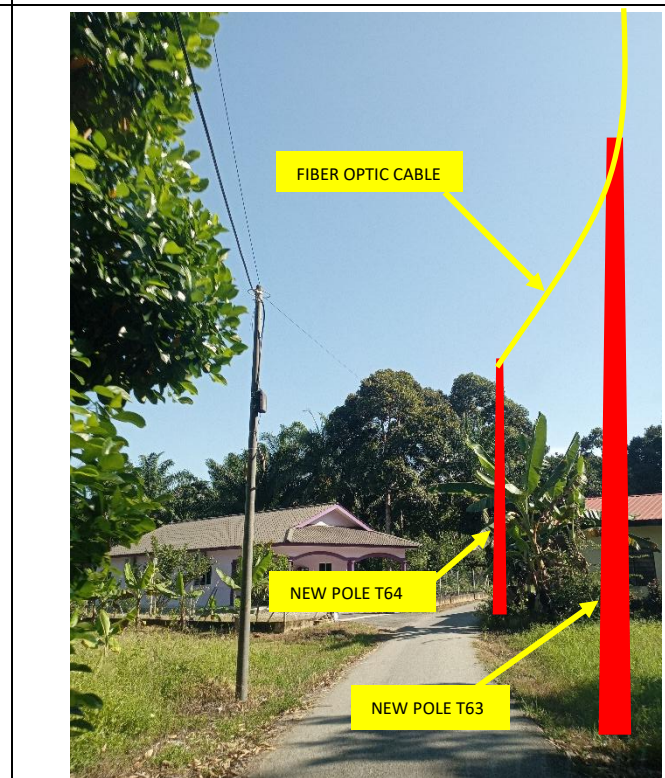
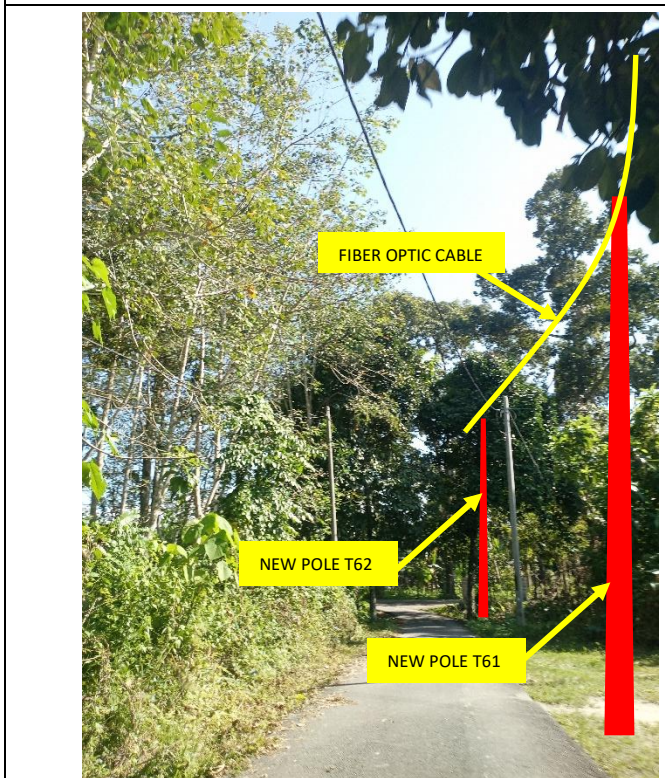
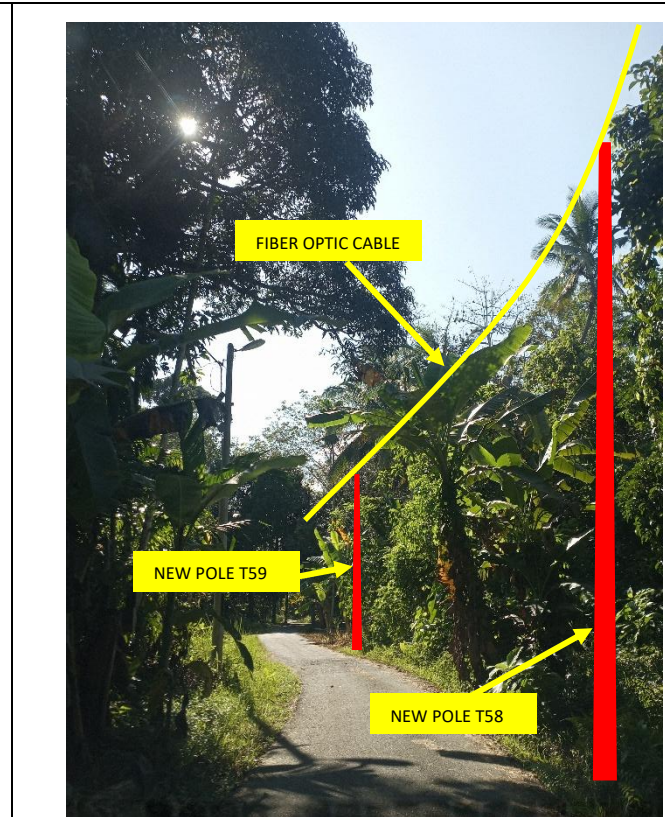
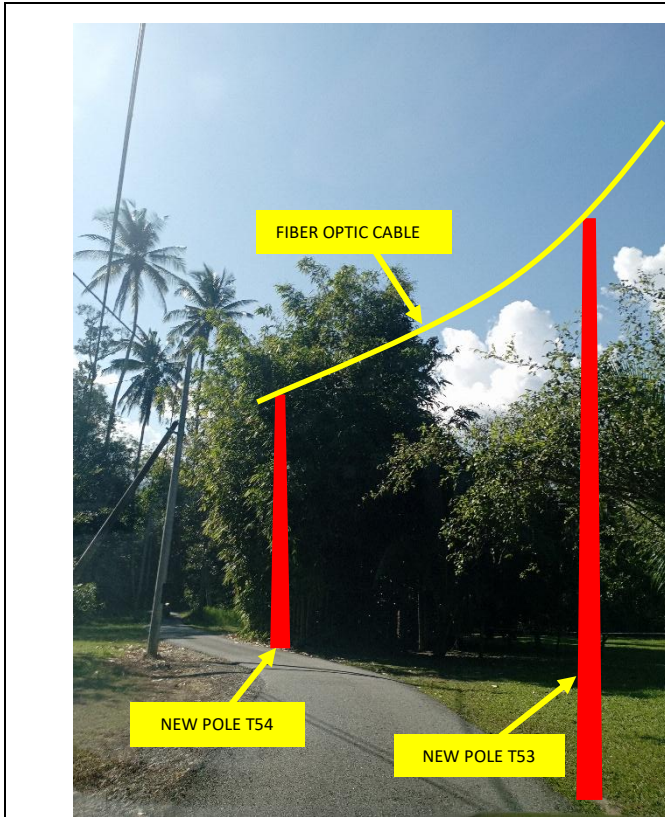
Site Photos – Proposed to install pole



Site Photos – Proposed to install pole



Site Photos – Proposed to install pole



Site Photos – Proposed to install pole



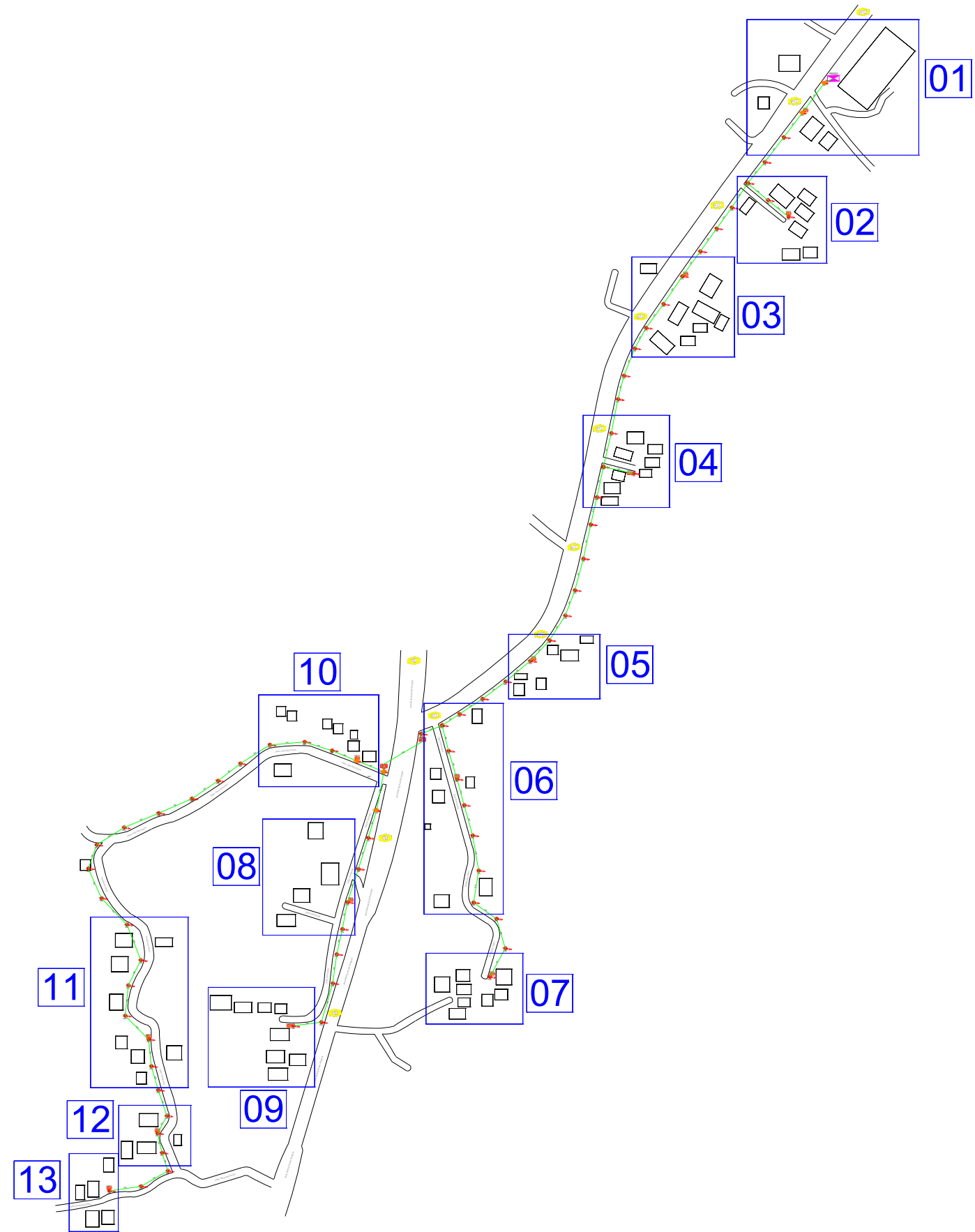
Site Photos – Proposed to install pole



3rd Parties Dependencies

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

SJKC KHAI CHEE



LEGEND

12C FOC	Installed 1:8 splitter in FDC	Installed Pole (9m)	5 ea	MANHOLE (JRC7)	TS / TB	Tension Small/Tension Big	HDD	
24C FOC	FDP with (1:8) splitter	Installed Riser	3 ea	House Number	86 ea	Existing Manhole	GR	
48C FOC	Closure	TENSION	4 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	70 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))

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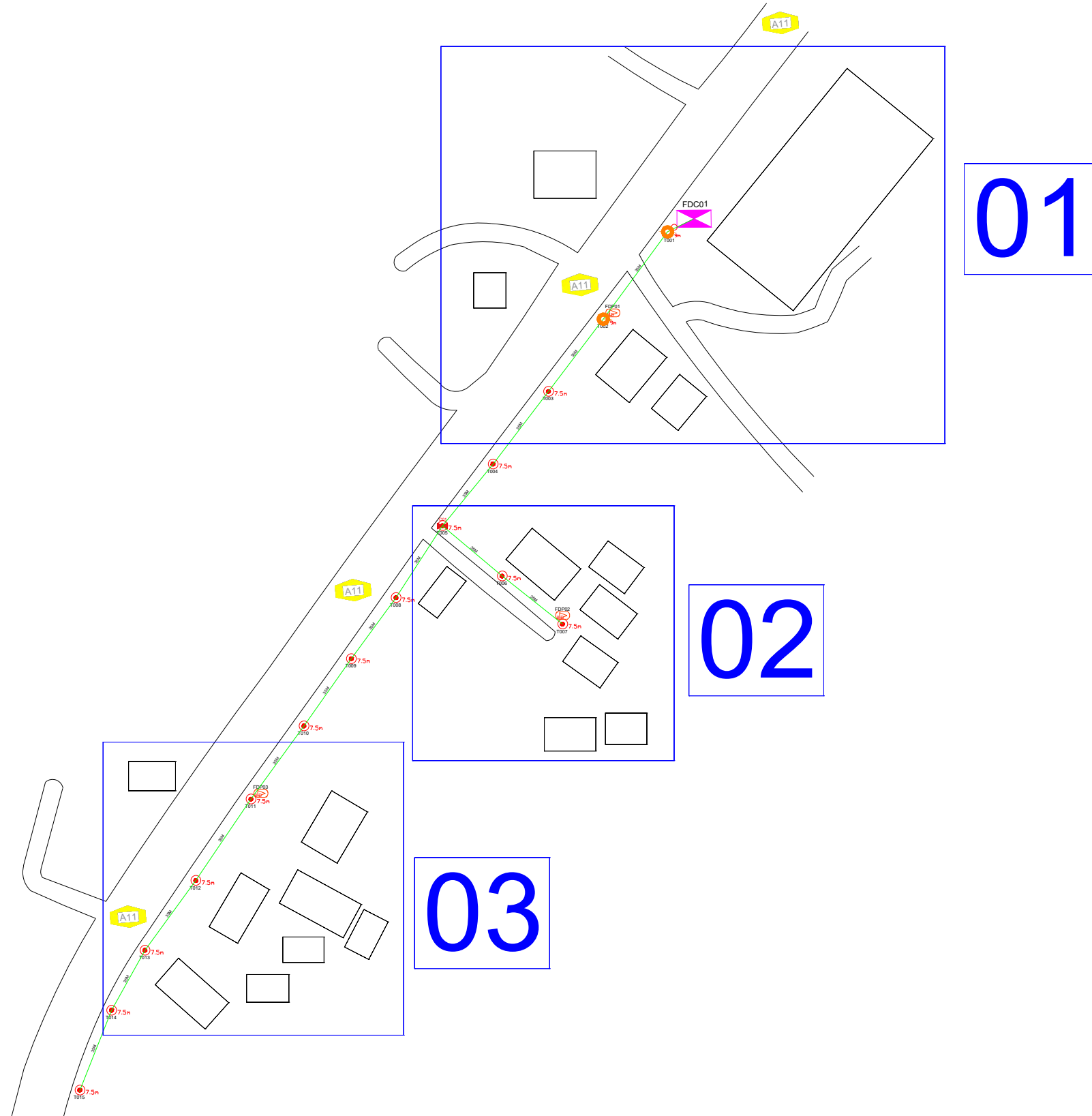
D-SIDE - SJKC KHAI CHEE

PROJECT PHASE:

PROPOSED DRAWING

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Drawn By : REZQ INFINITY	Scale : NOT TO SCALE
Checked By :	Job Number : REV00
DRAWING NUMBER :	Sheet : 1/5
	Size : A3

SJKC KHAI CHEE



LEGEND

12C FOC	Installed 1:8 splitter in FDC	Installed Pole (9m)	5 ea	MANHOLE (JRC7)	TS / TB Tension Small/Tension Big	HDD	
24C FOC	FDP with (1:8) splitter	Installed Riser	3 ea	House Number	Existing Manhole	GR	
48C FOC	Closure	T TENSION	4 ea	Existing TNB Pole	C01 Closure NO.	Existing TNB Pole 11m	(A)SEE A-A in this page(A)
96C FOC	New Manhole (PIT)	S SUSPENSION	2 ea	LOOP	FDP1 FDP NO.	Existing TNB Pole NO.	(A)SEE SHEET X/XX(A)
144C FOC	7.5m Installed Pole (7.5M)	FDC	70 ea	FDP Boundary	FDC FDC NO.	P001 New Pole NO.	

KEY PLAN :

OWNER / DEVELOPER:



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DRAWING TITLE:

D-SIDE - SJKC KHAI CHEE

PROJECT PHASE:

PROPOSED DRAWING

Design By : REZQ INFINITY

Date : 14/01/2025

Drawn By : REZQ INFINITY

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Checked By :

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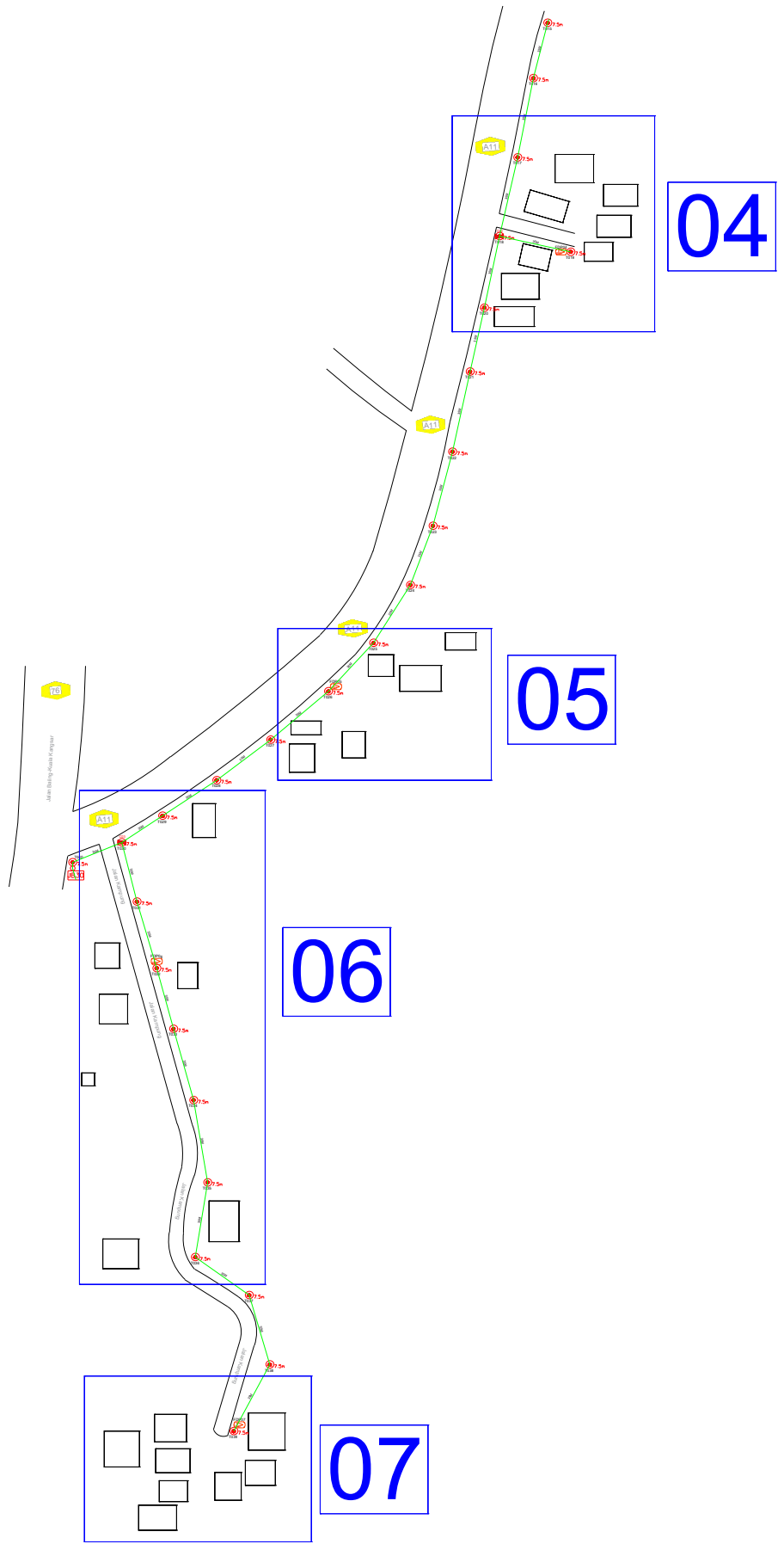
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SJKC KHAI CHEE



LEGEND

12C FOC	Installed 1:8 splitter in FDC	1 ea	Installed Pole (9m)	5 ea	MANHOLE (JRC7)	TS / TB	Tension Small/Tension Big	HDD	
24C FOC	FDC with (1:8) splitter	13 ea	Installed Riser	3 ea	House Number	86 ea	Existing Manhole	GR	
48C FOC	Closure	4 ea	TENSION		Existing TNB Pole		C01 Closure NO.	Existing TNB Pole 11m	SEE A-A in this page
96C FOC	New Manhole (PIT)	2 ea	SUSPENSION		LOOP		FDP1 FDP NO.	Existing TNB Pole NO.	SEE SHEET X/XX
144C FOC	Installed Pole (7.5M)	70 ea	FDC	1 ea	FDP Boundary		FDC FDC NO.	P001 New Pole NO.	

KEY PLAN :

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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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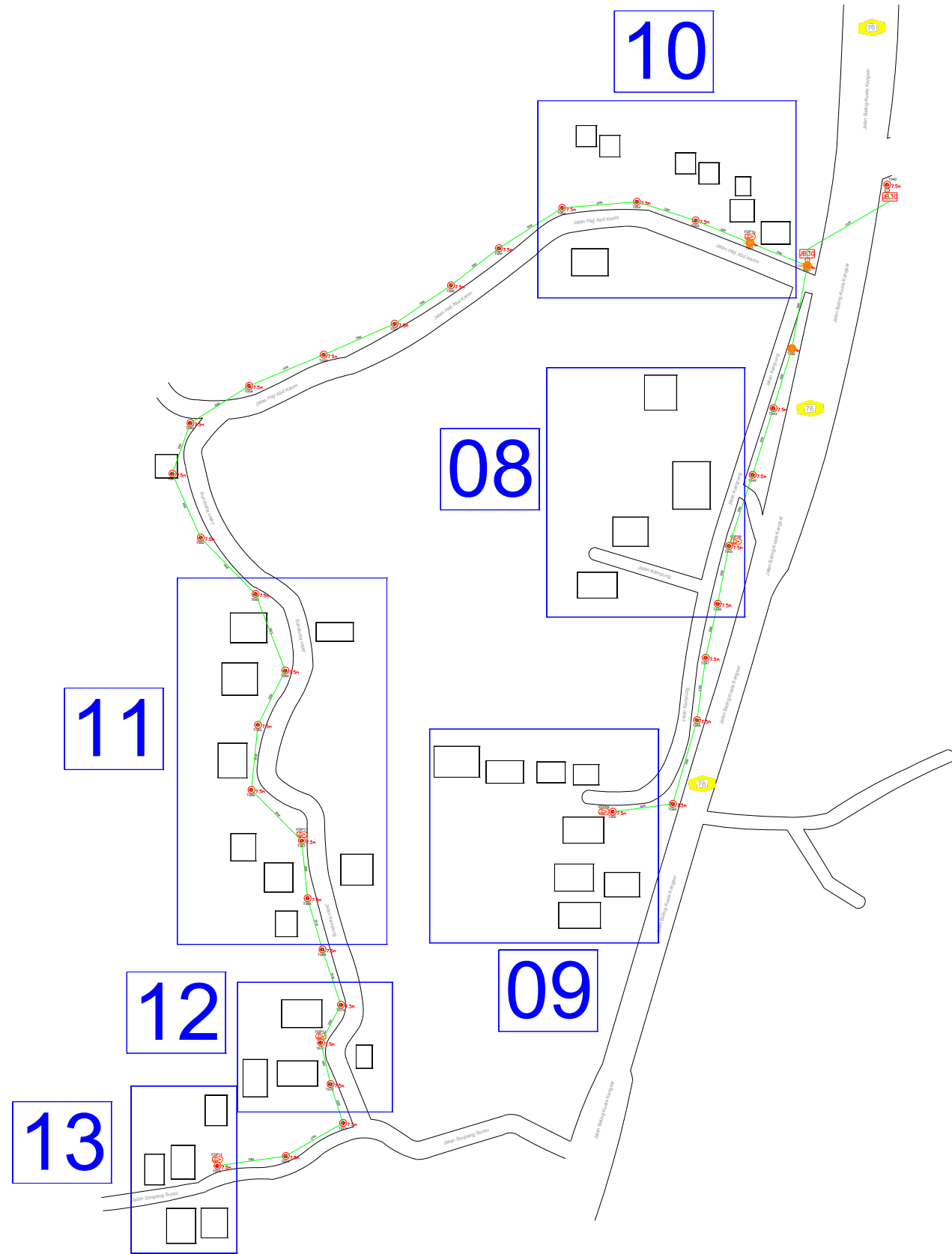
D-SIDE - SJKC KHAI CHEE

PROJECT PHASE:

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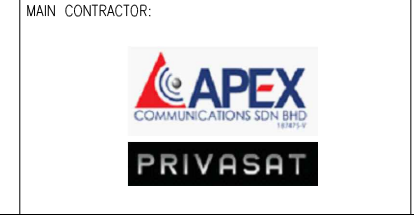
SJKC KHAI CHEE



LEGEND

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24C FOC	FDC with (1:8) splitter	13 ea	Installed Riser	3 ea	House Number	86 ea	Existing Manhole	GR	
48C FOC	Closure	4 ea	TENSION		Existing TNB Pole		C01 Closure NO.	Existing TNB Pole 11m	(A)SEE A-A in this page (A)
96C FOC	New Manhole (PIT)	2 ea	SUSPENSION		LOOP		FDP1 FDP NO.	Existing TNB Pole NO.	(A)SEE SHEET X/XXX (A)
144C FOC	7.5m Installed Pole (7.5M)	70 ea	FDC	1 ea	FDP Boundary		FDC FDC NO.	P001 New Pole NO.	

KEY PLAN :



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 - SJKC KHAI CHEE

PROJECT PHASE:
 PROPOSED DRAWING

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Drawn By : REZQ INFINITY	Scale : NOT TO SCALE
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