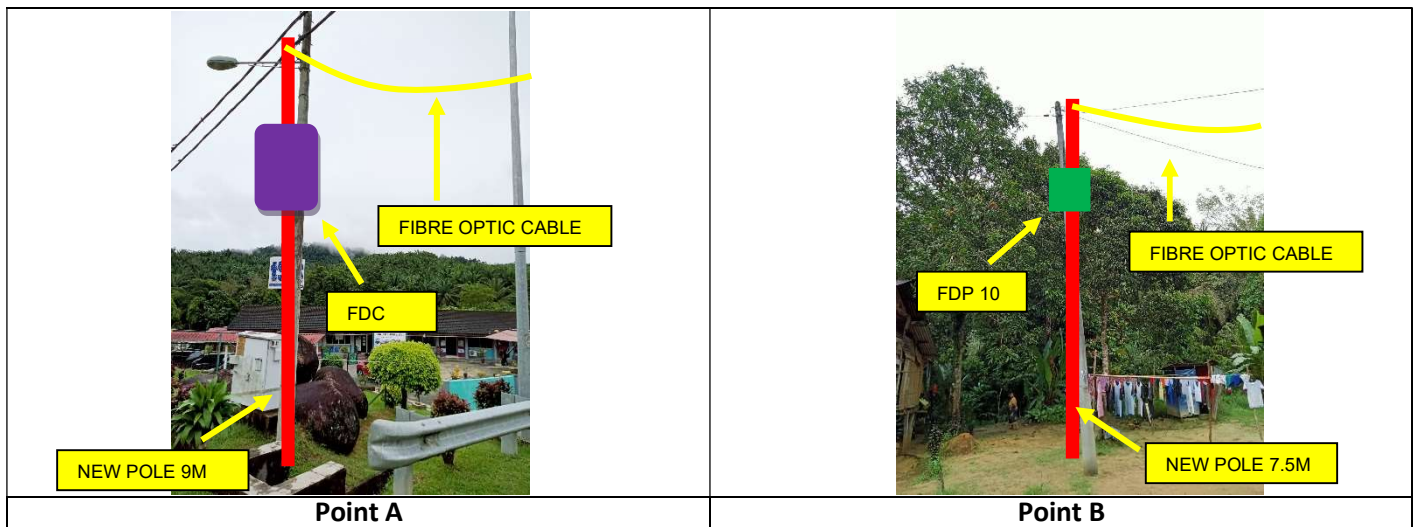


TECHNICAL PROPOSAL

POP2 ABA4050 - SEKOLAH KEBANGSAAN POS PERWOR (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 : Muhamad Iqbal Aqasha Bin Muzaidi
Date : 16/12/2024



Starting Point

Site / Boundary Name : SK POS PERWOR
Address : Jalan Sekolah Pos Perwor
District : Kuala Kangsar
Postcode : 31100
State : Perak
GPS Coordinate : 5.015332, 101.264147
LRD : A

End Point

Site / Boundary Name : Kampung Pos Perwor
Address : Jalan Kampung Perwor
District : Kuala Kangsar
Postcode : 31100
State : Perak
GPS Coordinate : 5.015015, 101.267288
LRD : B



PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
FASA 2: HAB INFRASTRUTUK GENTIAN OPTIK BERHAMPIRAN DENGAN
SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI
SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA
(KKMM.400-11/17/132(1))



1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
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

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	1575
2	Install New Pole	ea	45
3	Install New JRC7 Manhole	ea	0
4	Install GI Riser 100mm	ea	0
5	Install Fiber Distribution Point and Closure (Splicing, Termination and Testing)	ea	11
6	Estimated Time Required for Completion	days	30



PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
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(KKMM.400-11/17/132(1))



2.0 LOCAL AUTHORITY SUMMARY

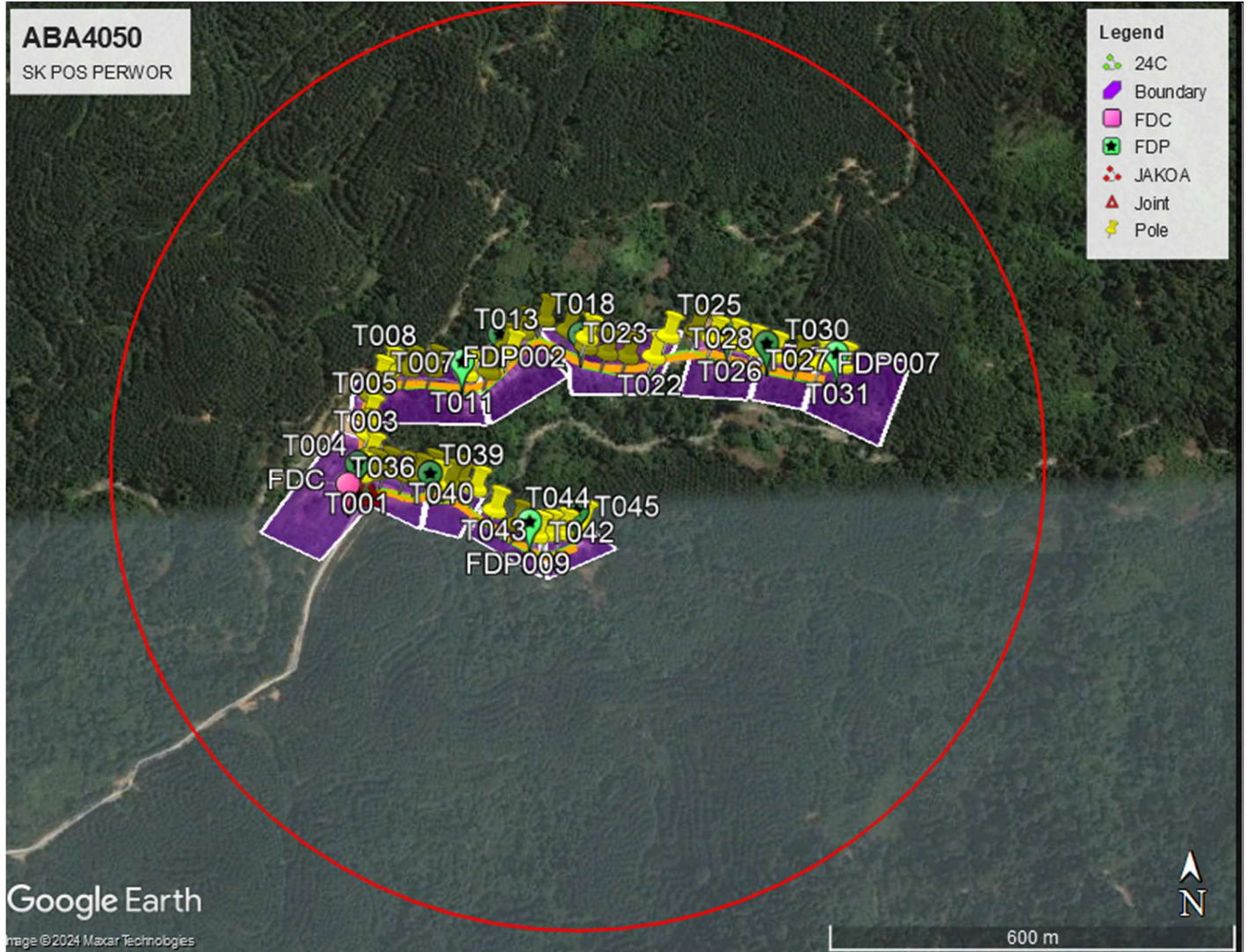
Daerah Kuala Kangsar

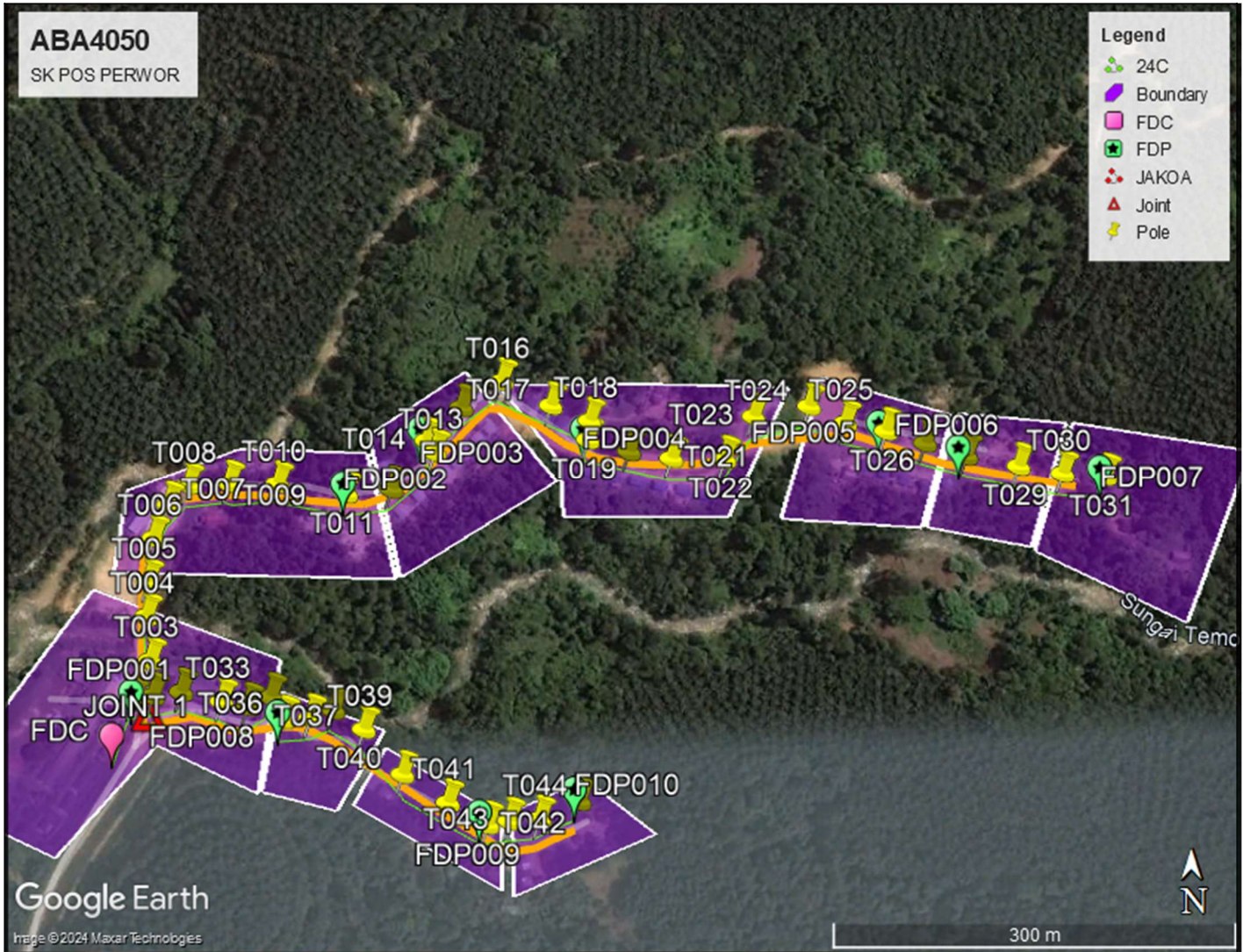
NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	-	-
		Majlis	-	-
		JAKOA	-	-
2	New Pole	JKR	-	-
		Majlis	-	-
		JAKOA	45	1575M
Total Distance (m)				1575M

3.0 SITE PLAN (KMZ)

3.1 Overview Site Area

3.2





4.0 PROPOSED NEW POLE

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	FDC POLE	35	5.015335	101.264144	JAKOA
2	T001	35	5.015642	101.264247	JAKOA
3	T002	35	5.015673	101.264381	JAKOA
4	T003	35	5.015916	101.264358	JAKOA
5	T004	35	5.016161	101.264279	JAKOA
6	T005	35	5.016442	101.264332	JAKOA
7	T006	35	5.016737	101.264366	JAKOA
8	T007	35	5.016502	101.264887	JAKOA
9	T008	35	5.017096	101.264595	JAKOA
10	T009	35	5.016713	101.265009	JAKOA
11	T010	35	5.017102	101.265201	JAKOA
12	T011	35	5.017023	101.265677	JAKOA
13	T012	35	5.017065	101.266041	JAKOA
14	T013	35	5.017324	101.266265	JAKOA
15	T014	35	5.017400	101.266206	JAKOA
16	T015	35	5.017065	101.266041	JAKOA
17	T016	35	5.017807	101.266718	JAKOA
18	T017	35	5.017373	101.266879	JAKOA
19	T018	35	5.017535	101.267320	JAKOA
20	T019	35	5.017401	101.267312	JAKOA
21	T020	35	5.017329	101.267591	JAKOA
22	T021	35	5.017278	101.267876	JAKOA
23	T022	35	5.017273	101.268236	JAKOA
24	T023	35	5.017562	101.268436	JAKOA
25	T024	35	5.017340	101.268607	JAKOA
26	T025	35	5.017527	101.269061	JAKOA
27	T026	35	5.017459	101.269334	JAKOA
28	T027	35	5.017107	101.269484	JAKOA
29	T028	35	5.017304	101.269881	JAKOA
30	T029	35	5.016895	101.270186	JAKOA
31	T030	35	5.017175	101.270534	JAKOA
32	T031	35	5.017151	101.270823	JAKOA
33	T032	35	5.015705	101.264566	JAKOA
34	T033	35	5.013992	101.265150	JAKOA
35	T034	35	5.015607	101.265015	JAKOA
36	T035	35	5.015666	101.265172	JAKOA
37	T036	35	5.015507	101.265257	JAKOA
38	T037	35	5.014039	101.265370	JAKOA
39	T038	35	5.015581	101.265599	JAKOA

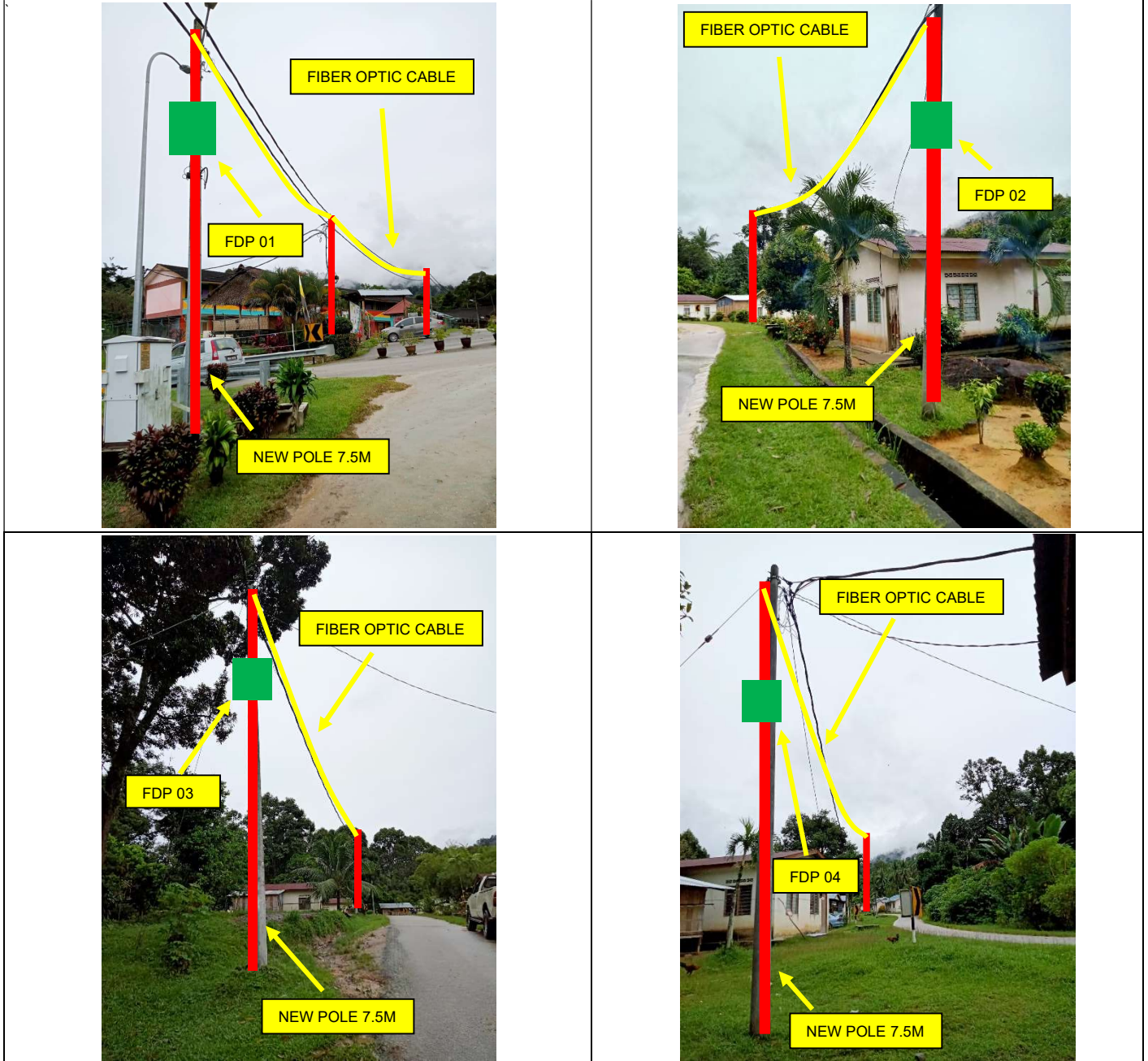


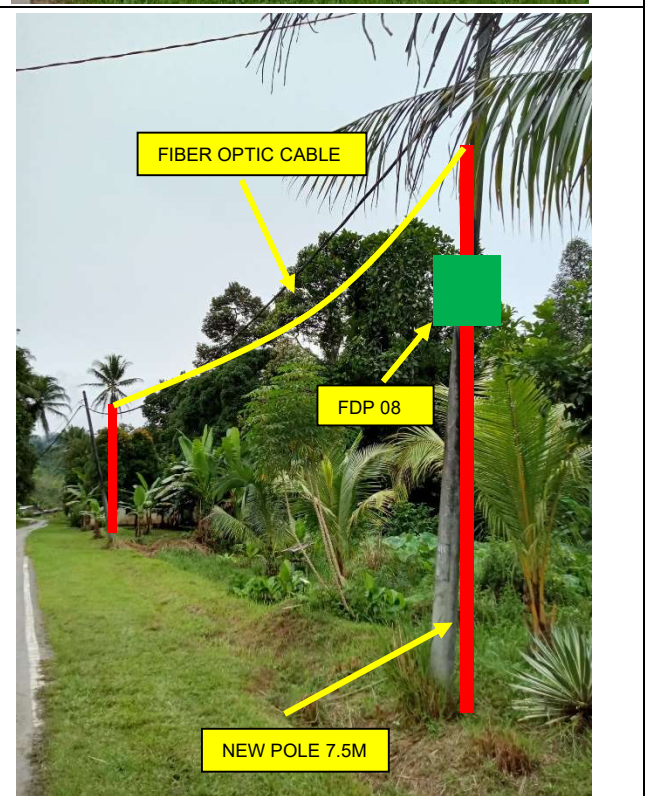
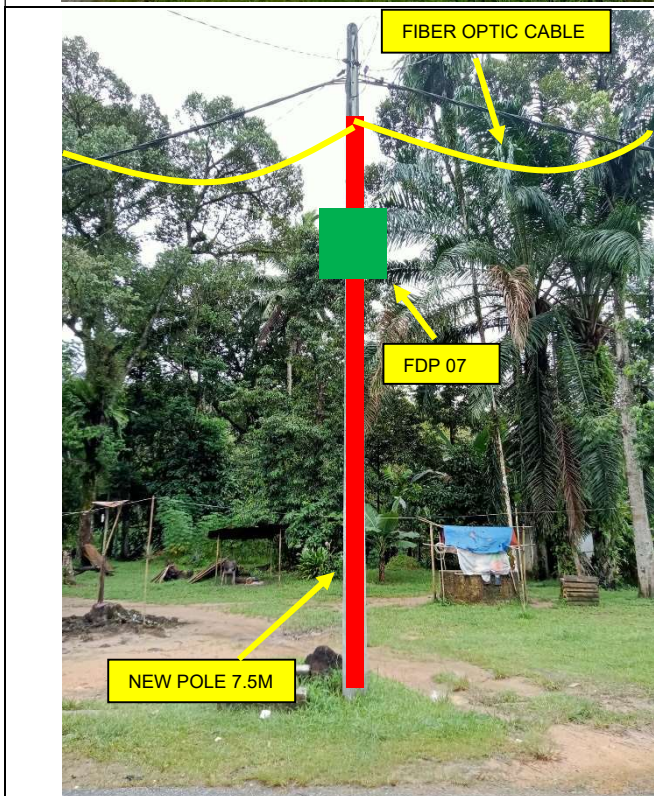
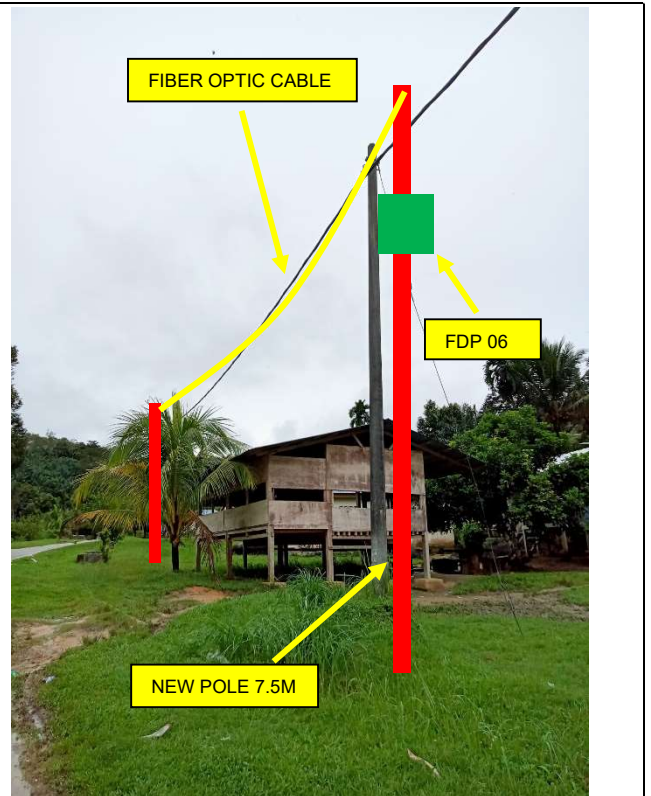
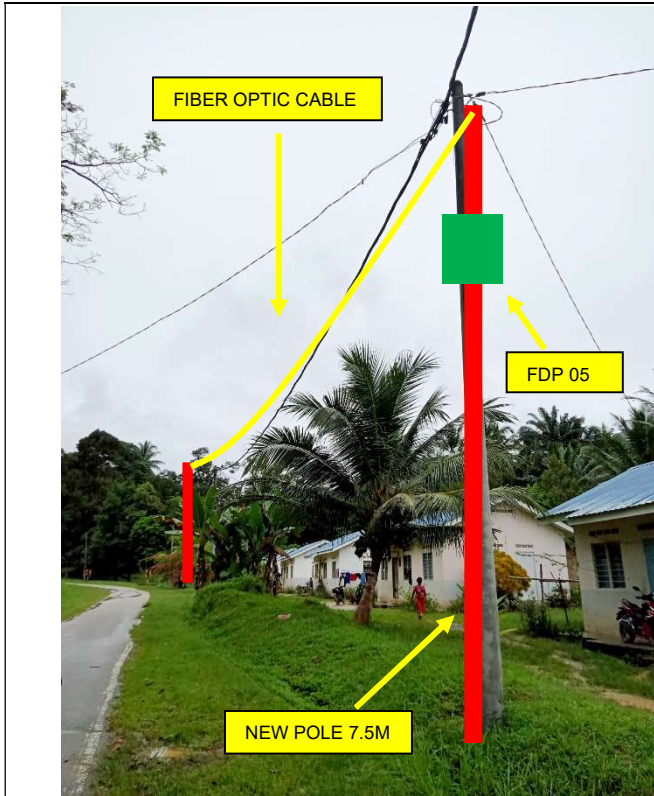
PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
FASA 2: HAB INFRASTRUTUK GENTIAN OPTIK BERHAMPIRAN DENGAN
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(KKMM.400-11/17/132(1))

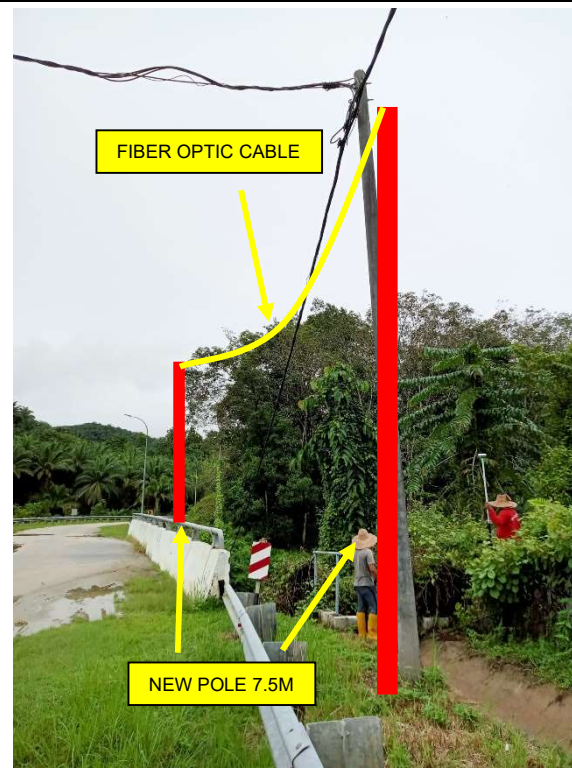
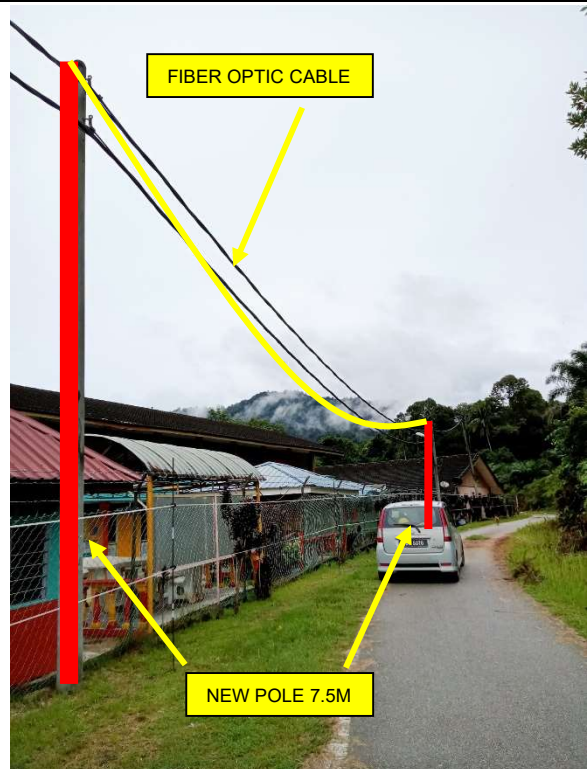
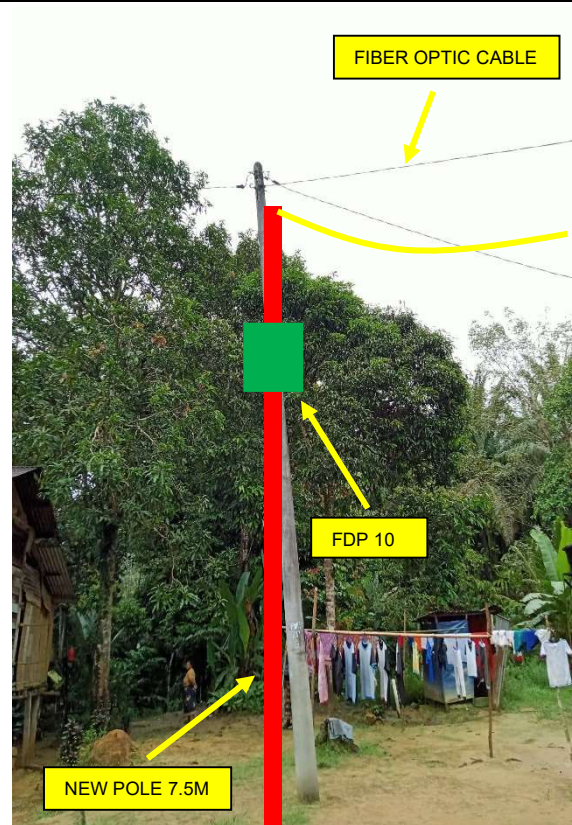
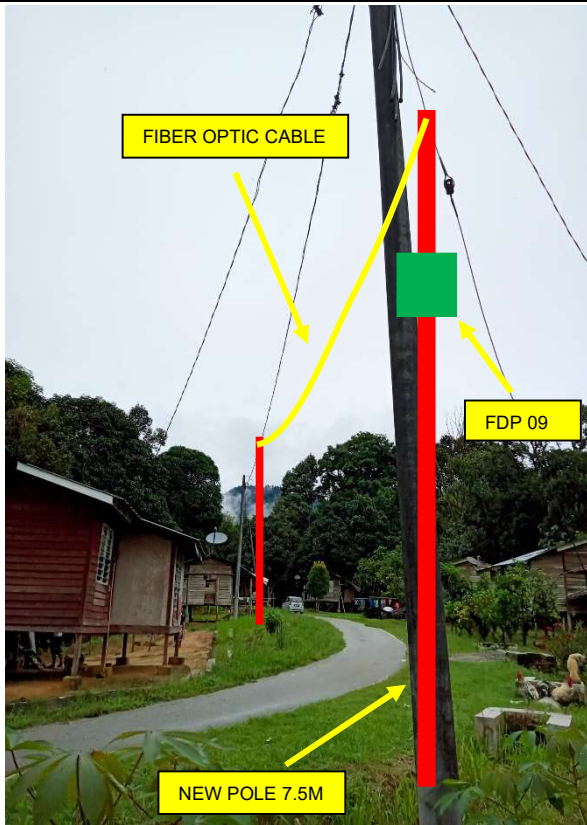




No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
40	T039	35	5.014039	101.265370	JAKOA
41	T040	35	5.015155	101.266067	JAKOA
42	T041	35	5.014965	101.266371	JAKOA
43	T042	35	5.014816	101.266627	JAKOA
44	T043	35	5.014834	101.266780	JAKOA
45	T044	35	5.013869	101.266878	JAKOA
46	T045	35	5.014968	101.267256	JAKOA

5.0 SITE PHOTOS - PROPOSED NEW POLE



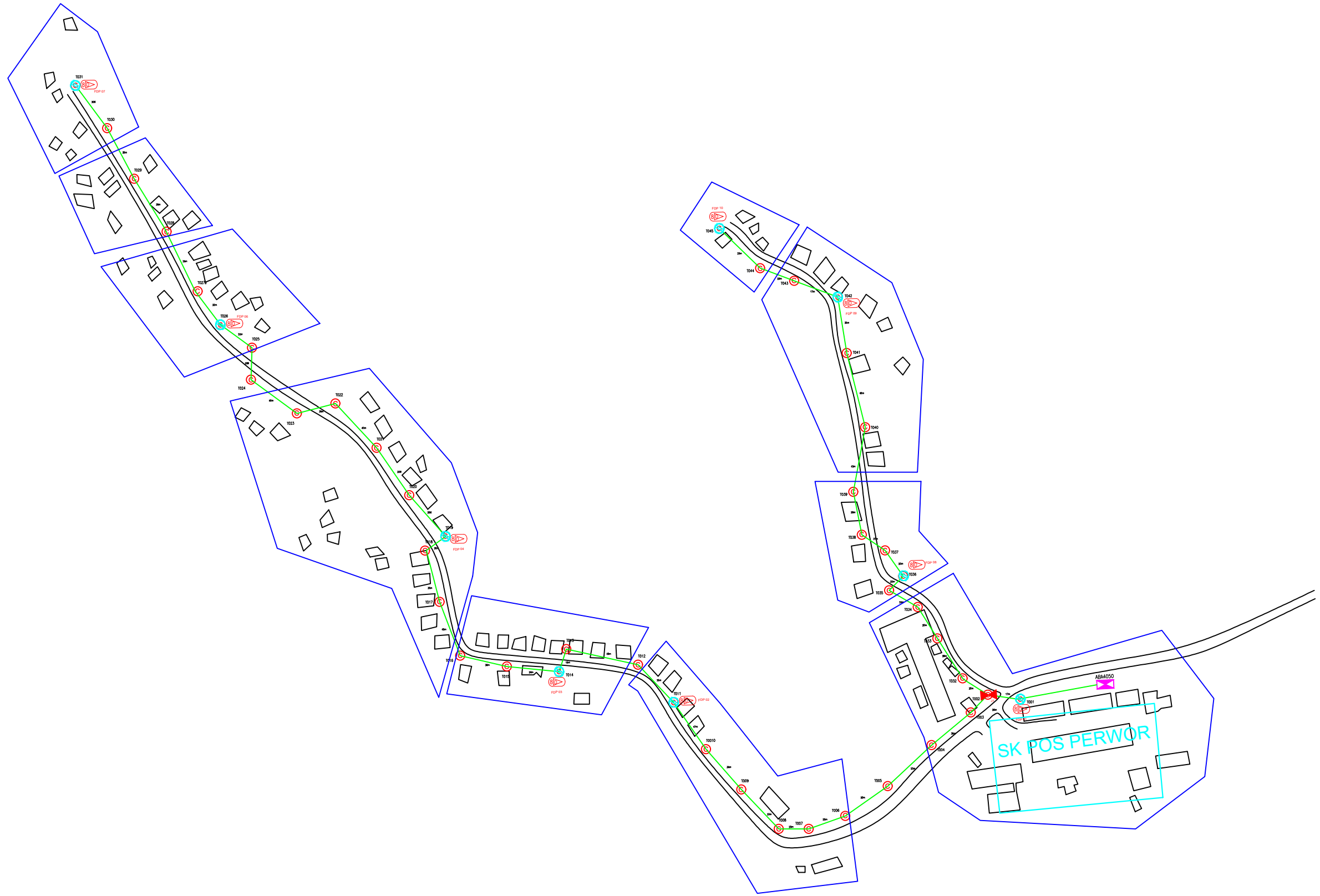
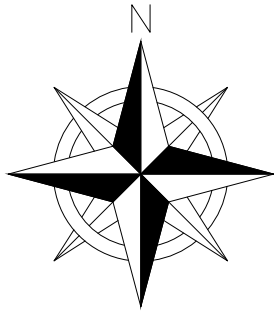




	<p>PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASA 2: HAB INFRASTRUTUK GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA (KKMM.400-11/17/132(1))</p>	
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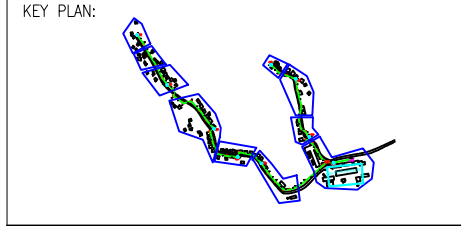
6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	JKR Daerah Kuala Kangsar	-
2	JAKOA	1575m



12C FOC	Installed 1:4 / 1:8 splitter	Existing TNB Pole	Pole Ring	10	Micro-Trenching (Meter)	#	Active Outdoor Numbering	CL01	Closure NO.
24C FOC	1346m FDC	Installed Riser	New Manhole (PIT)	1	Temporary Infra (Meter)	NBD#	FDC NO.	DP1	FDP NO.
48C FOC	Closure	FDP with (1:8) splitter	New Manhole(JRC7)	10	FDP Boundary	MH1	MH NO.		
96C FOC	Installed Pole (9m)	Suspension	Existing Manhole		HDD (Meter)	TKS-1	Existing TNB Pole NO.		
144C FOC	Installed Pole (7.5m)	Tension	Loop / Coil (Meter)		Open Cut (Meter)	P001	New Pole NO.		

ACTUAL HOMEPASS : 80



PROJECT OWNER:

KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR:

PRIVASAT

SUB-CONTRACTOR:

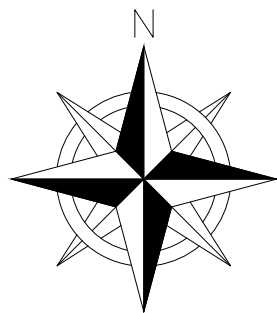
ARA TIMUR SDN BHD

PROJECT TITLE:
 CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 PROJECT (D-SIDE) - ABA4050 - SK POS PERWOR

DRAWING TITLE:
 CONSTRUCTION DRAWING -

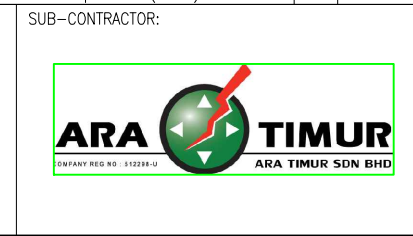
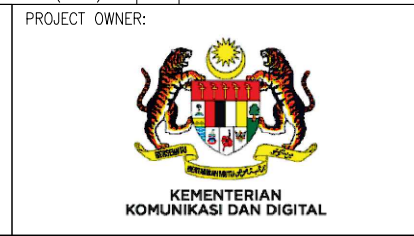
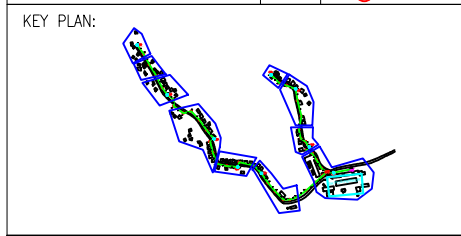
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 SK POS PERWOR

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12C FOC	Installed 1:4 / 1:8 splitter	Existing TNB Pole	Pole Ring	10	Micro-Trenching (Meter)	#	Active Outdoor Numbering	CL01	Closure NO.
24C FOC	1346m	FDC	1	o	Installed Riser	JB3C	New Manhole (PIT)	NBD#	FDC NO.
48C FOC		Closure	1	@>	FDP with (1:8) splitter	7C	New Manhole(JRC7)	MH1	MH NO.
96C FOC		Installed Pole (9m)		s	Suspension		Existing Manhole	TKS-1	Existing TNB Pole NO.
144C FOC		Installed Pole (7.5m)		T	Tension		Loop / Coil (Meter)	P001	New Pole NO.

ACTUAL HOMEPASS : 80



PROJECT TITLE:
 CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 PROJECT (D-SIDE) - ABA4050 - SK POS PERWOR

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