

TECHNICAL PROPOSAL ABA4016 SEKOLAH KEBANGSAAN CHEH (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 : Khairul Tajuddin
Date : 24/01/2025



Starting Point

Site / Boundary Name : Sekolah Kebangsaan Cheh
 Address : Kati
 District : Kuala Kangsar
 Postcode : 33020
 State : Perak
 GPS Coordinate : 4.878604, 100.935705
 LRD : A

End Point

Site / Boundary Name : Kampung Cheh Hilir
 Address : Kati
 District : Kuala Kangsar
 Postcode : 33020
 State : Perak
 GPS Coordinate : 4.881920, 100.931043
 LRD : B



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))



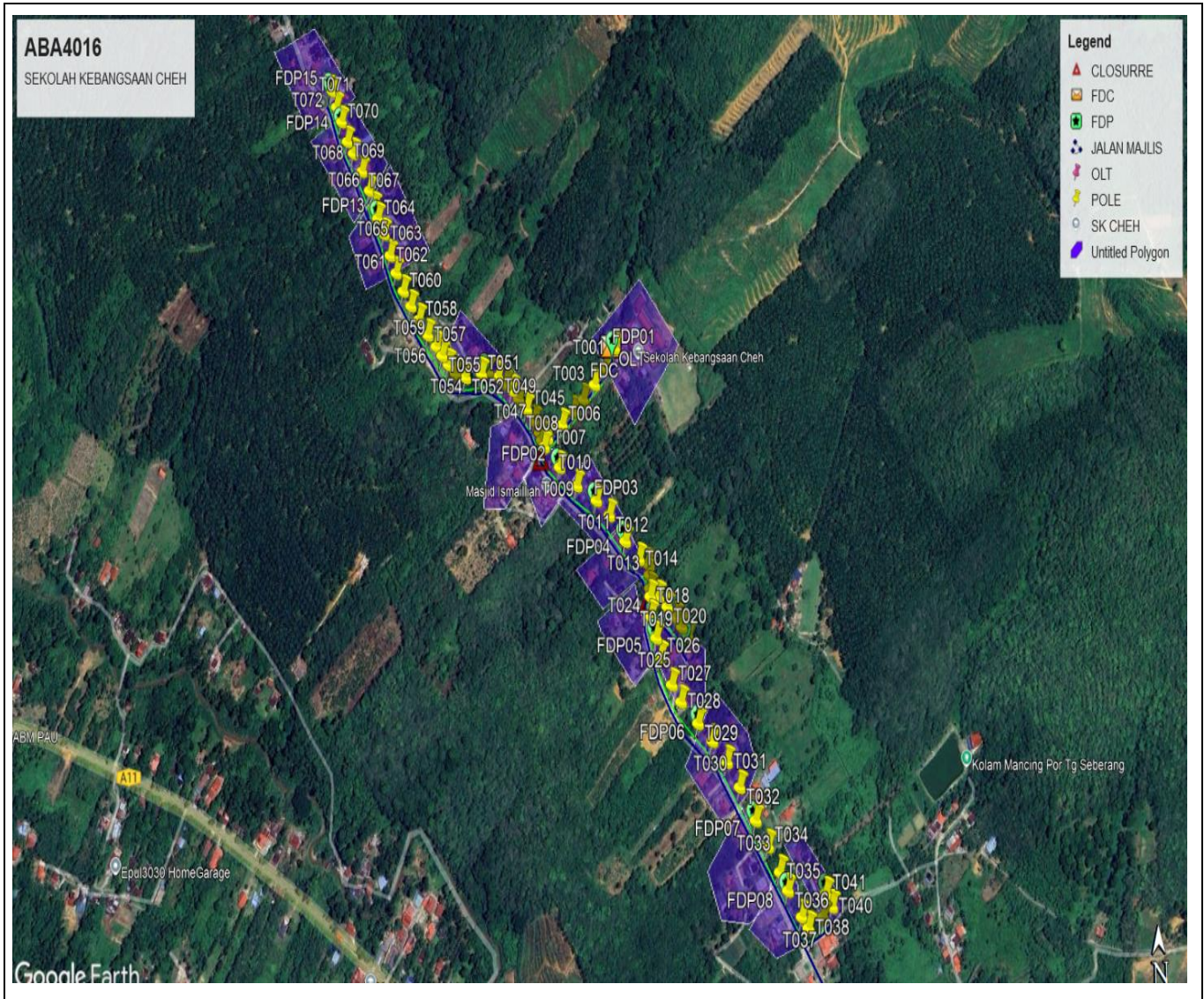
2.0 LOCAL AUTHORITY SUMMARY

Daerah Kuala Kangsar

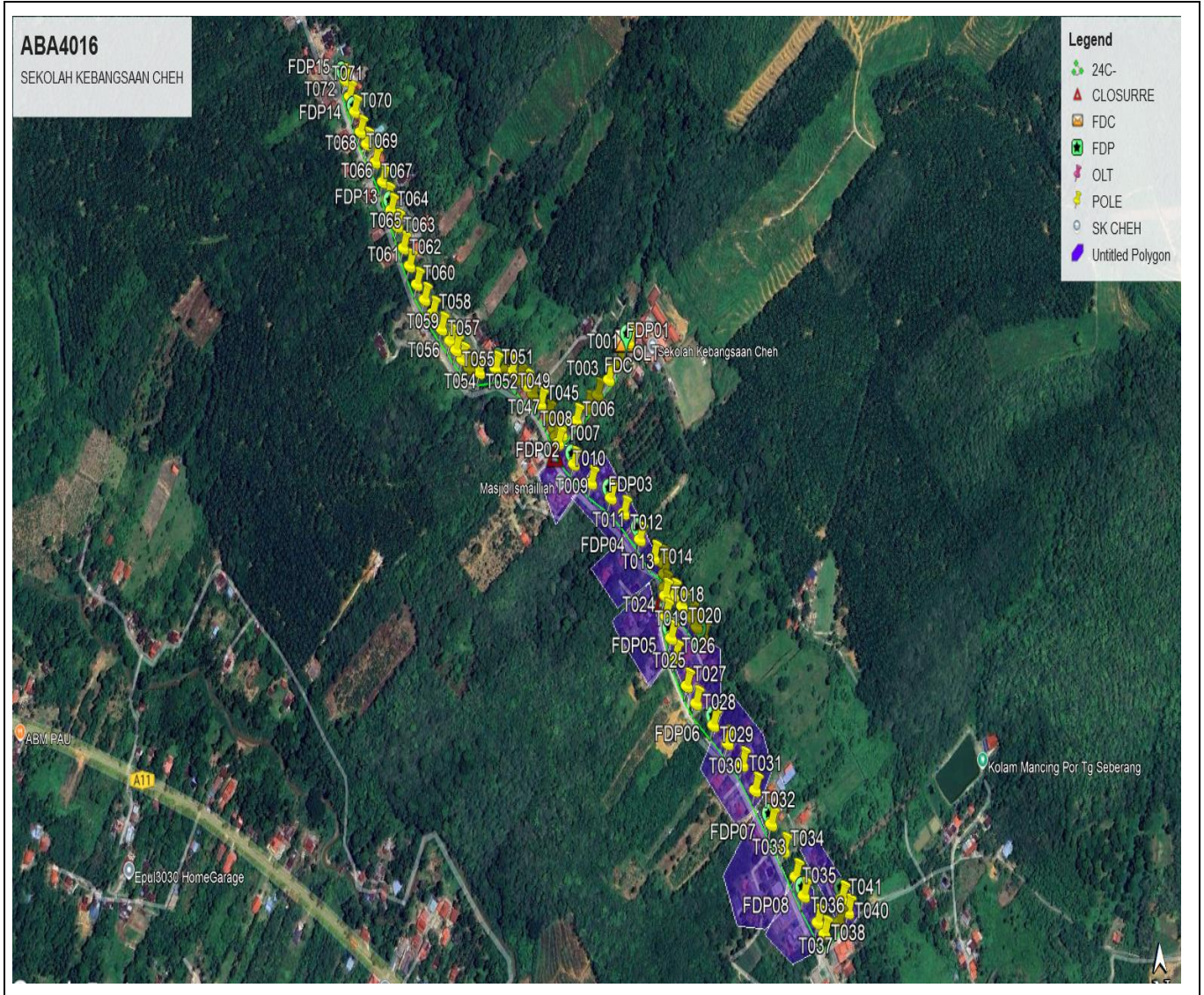
NO	ITEMS	OWNER	QUANTITY	DISTANCE (m)
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	-	-
		Majlis	72	1780
		Estate / Private Land	-	-
Total distance (m)				1780m

3.0 SITE PLAN- KMZ

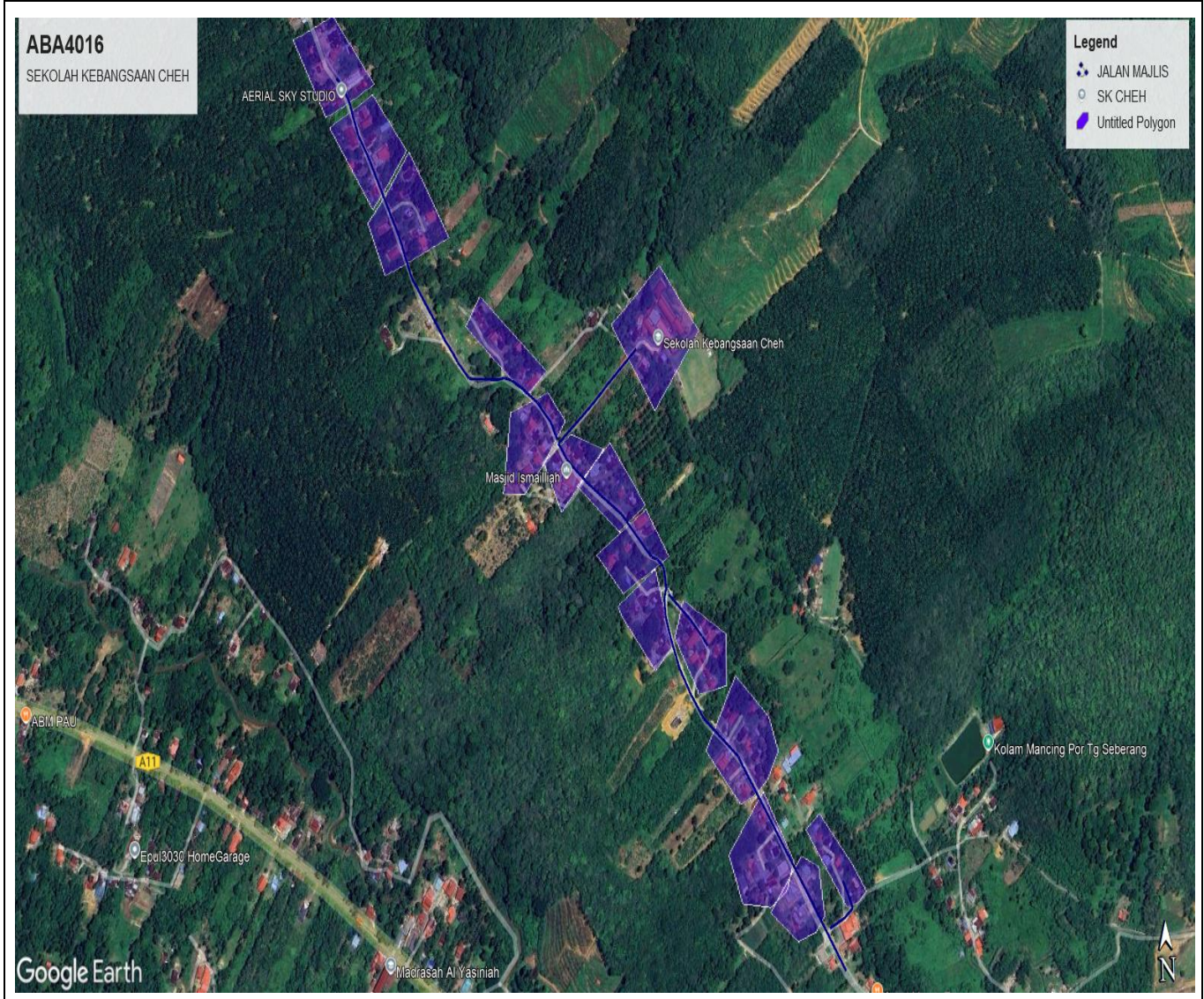
3.1 Overview Site Area



3.2 Site Boundry



3.3 Road Boundry



4.0 PROPOSED MANHOLE & HDD AND NEW POLE

No.	Pole & Manhole ID	Distance	Latitude	Longitude	Local Authority
1	FDC T001		4.878604	100.935705	Majlis Perbandaran Kuala Kangsar
2	T002	35	4.878399	100.935566	Majlis Perbandaran Kuala Kangsar
3	T003	35	4.878215	100.935383	Majlis Perbandaran Kuala Kangsar
4	T004	35	4.878051	100.935192	Majlis Perbandaran Kuala Kangsar
5	T005	35	4.877913	100.935025	Majlis Perbandaran Kuala Kangsar
6	T006	35	4.877762	100.934835	Majlis Perbandaran Kuala Kangsar
7	T007	35	4.877607	100.934592	Majlis Perbandaran Kuala Kangsar
8	T008	35	4.87751	100.934534	Majlis Perbandaran Kuala Kangsar
9	T009	35	4.877263	100.934778	Majlis Perbandaran Kuala Kangsar
10	T010	35	4.877041	100.935051	Majlis Perbandaran Kuala Kangsar
11	T011	35	4.876862	100.935362	Majlis Perbandaran Kuala Kangsar
12	T012	35	4.876685	100.935566	Majlis Perbandaran Kuala Kangsar
13	T013	35	4.876385	100.93581	Majlis Perbandaran Kuala Kangsar
14	T014	35	4.876176	100.936023	Majlis Perbandaran Kuala Kangsar
15	T015	35	4.876119	100.936162	Majlis Perbandaran Kuala Kangsar
16	T016	35	4.875994	100.936184	Majlis Perbandaran Kuala Kangsar
17	T017	35	4.875843	100.936183	Majlis Perbandaran Kuala Kangsar
18	T018	35	4.875754	100.936185	Majlis Perbandaran Kuala Kangsar
19	T024	35	4.875529	100.936185	Majlis Perbandaran Kuala Kangsar
20	T025	35	4.875291	100.936258	Majlis Perbandaran Kuala Kangsar
21	T026	35	4.87508	100.936318	Majlis Perbandaran Kuala Kangsar
22	T027	35	4.874768	100.936481	Majlis Perbandaran Kuala Kangsar
23	T028	35	4.874577	100.936617	Majlis Perbandaran Kuala Kangsar
24	T029	35	4.874335	100.936874	Majlis Perbandaran Kuala Kangsar
25	T030	35	4.874136	100.937087	Majlis Perbandaran Kuala Kangsar
26	T031	35	4.873902	100.937305	Majlis Perbandaran Kuala Kangsar
27	T032	35	4.873629	100.937487	Majlis Perbandaran Kuala Kangsar
28	T033	35	4.873268	100.937711	Majlis Perbandaran Kuala Kangsar
29	T034	35	4.872988	100.937886	Majlis Perbandaran Kuala Kangsar
30	T035	35	4.872714	100.938052	Majlis Perbandaran Kuala Kangsar
31	T036	35	4.872518	100.938163	Majlis Perbandaran Kuala Kangsar
32	T037	35	4.872238	100.938357	Majlis Perbandaran Kuala Kangsar
33	T038	35	4.872118	100.938452	Majlis Perbandaran Kuala Kangsar
34	T039	35	4.872221	100.938692	Majlis Perbandaran Kuala Kangsar
35	T040	35	4.87232	100.938841	Majlis Perbandaran Kuala Kangsar
36	T041	35	4.872456	100.938759	Majlis Perbandaran Kuala Kangsar
37	T019	35	4.875746	100.936317	Majlis Perbandaran Kuala Kangsar
38	T020	35	4.875632	100.936455	Majlis Perbandaran Kuala Kangsar
39	T021	35	4.875503	100.936586	Majlis Perbandaran Kuala Kangsar
40	T022	35	4.8754	100.936676	Majlis Perbandaran Kuala Kangsar
41	T023	35	4.875287	100.936771	Majlis Perbandaran Kuala Kangsar
42	T042	35	4.877585	100.934495	Majlis Perbandaran Kuala Kangsar
43	T043	35	4.877676	100.934464	Majlis Perbandaran Kuala Kangsar

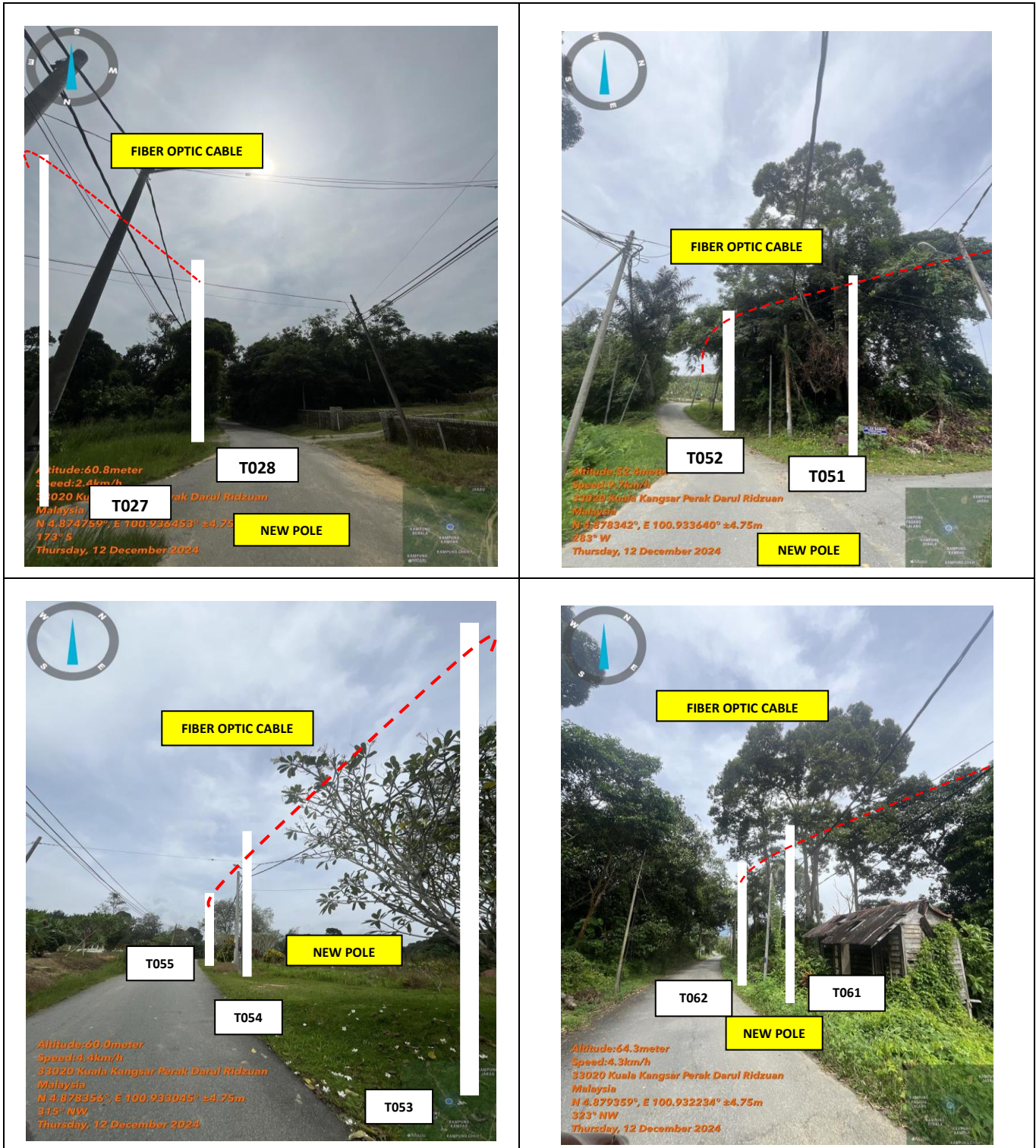


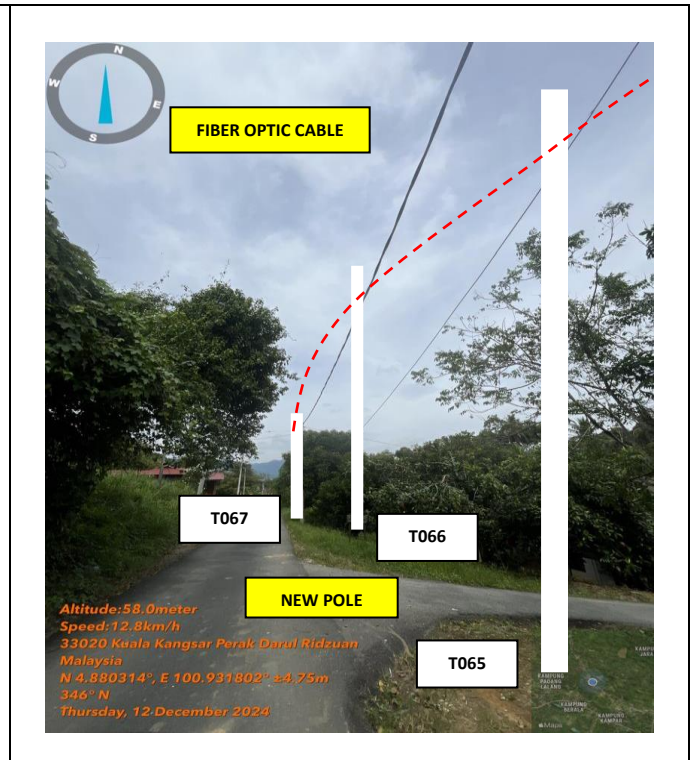
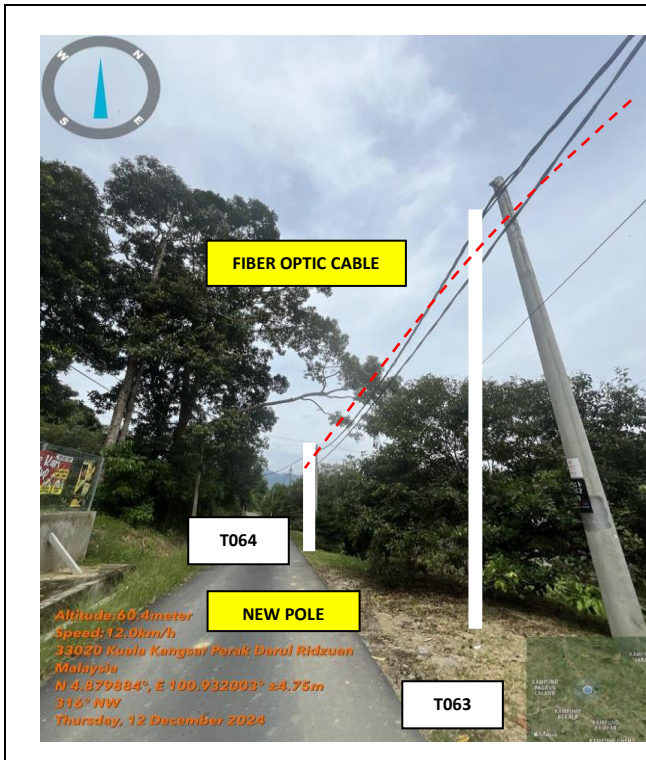
**PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
 FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN
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 (KKMM.400-11/17/132(1))**





44	T044	35	4.877817	100.93438	Majlis Perbandaran Kuala Kangsar
45	T045	35	4.877965	100.934258	Majlis Perbandaran Kuala Kangsar
46	T046	35	4.87808	100.934133	Majlis Perbandaran Kuala Kangsar
47	T047	35	4.878189	100.934024	Majlis Perbandaran Kuala Kangsar
48	T048	35	4.878259	100.933919	Majlis Perbandaran Kuala Kangsar
49	T049	35	4.878351	100.933797	Majlis Perbandaran Kuala Kangsar
50	T050	35	4.878419	100.933637	Majlis Perbandaran Kuala Kangsar
51	T051	35	4.878394	100.93353	Majlis Perbandaran Kuala Kangsar
52	T052	35	4.878345	100.933272	Majlis Perbandaran Kuala Kangsar
53	T053	35	4.87839	100.933111	Majlis Perbandaran Kuala Kangsar
54	T054	35	4.878492	100.932999	Majlis Perbandaran Kuala Kangsar
55	T055	35	4.878599	100.9329	Majlis Perbandaran Kuala Kangsar
56	T056	35	4.878706	100.932807	Majlis Perbandaran Kuala Kangsar
57	T057	35	4.878845	100.93267	Majlis Perbandaran Kuala Kangsar
58	T058	35	4.879035	100.932528	Majlis Perbandaran Kuala Kangsar
59	T059	35	4.879198	100.932396	Majlis Perbandaran Kuala Kangsar
60	T060	35	4.879379	100.932271	Majlis Perbandaran Kuala Kangsar
61	T061	35	4.879606	100.932149	Majlis Perbandaran Kuala Kangsar
62	T062	35	4.879828	100.932045	Majlis Perbandaran Kuala Kangsar
63	T063	35	4.880102	100.931939	Majlis Perbandaran Kuala Kangsar
64	T064	35	4.880302	100.931833	Majlis Perbandaran Kuala Kangsar
65	T065	35	4.880435	100.931774	Majlis Perbandaran Kuala Kangsar
66	T066	35	4.880648	100.93169	Majlis Perbandaran Kuala Kangsar
67	T067	35	4.880887	100.931567	Majlis Perbandaran Kuala Kangsar
68	T068	35	4.881105	100.931425	Majlis Perbandaran Kuala Kangsar
69	T069	35	4.881252	100.931322	Majlis Perbandaran Kuala Kangsar
70	T070	35	4.881504	100.931224	Majlis Perbandaran Kuala Kangsar
71	T071	35	4.881695	100.931133	Majlis Perbandaran Kuala Kangsar
72	T072	35	4.881901	100.931062	Majlis Perbandaran Kuala Kangsar

5.0 SITE PHOTO- PROPOSED NEW POLE

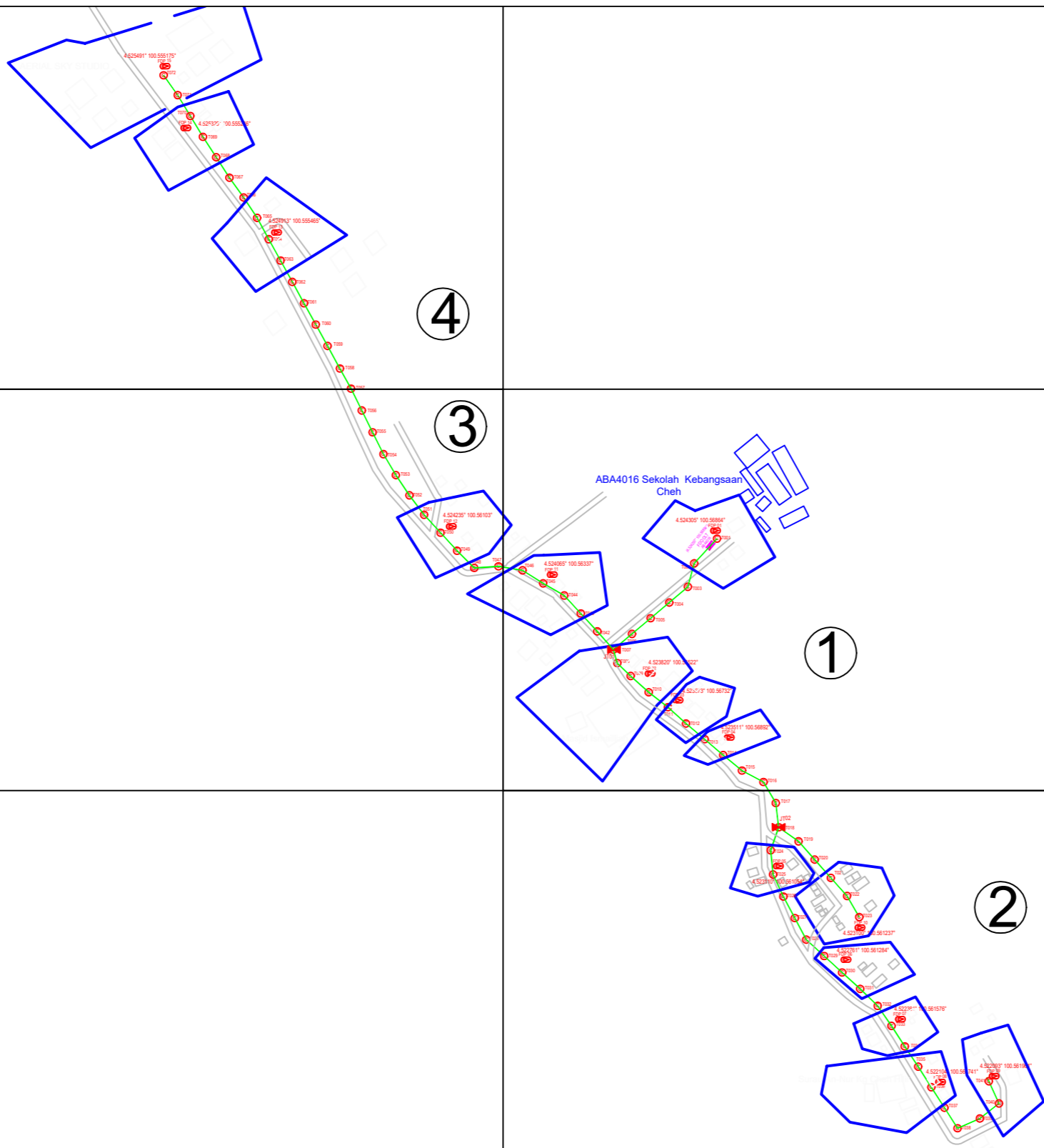




	<p align="center">PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA (KKMM.400-11/17/132(1))</p>	
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6.0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

NO.	LOCAL COUNCIL/ AUTHORITY	REMARK
1	Majlis Perbandaran Kuala Kangsar	

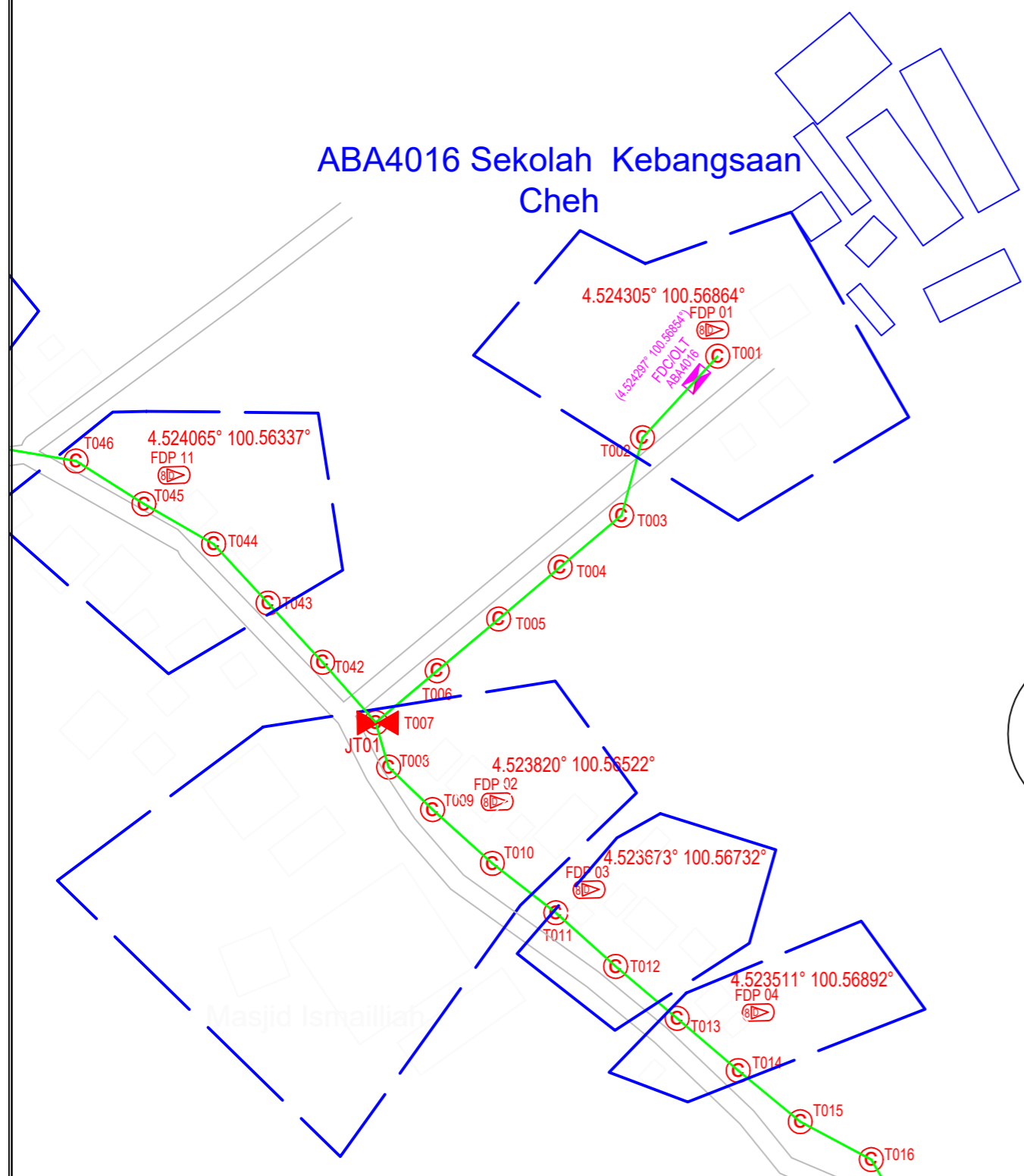


	12C FOC	Installed 1:4 / 1:8 / 1:32 splitter		Installed Pole (9m)		Suspension		New Manhole (PIT)		Micro-Trenching (Meter)		MH NO.
	24C FOC	1780 Installed Patch Cord		Installed Pole (7.5M)	72		Tension		0		Temporary Infra (Meter)	TKS-1 Existing TNB Pole NO.
	48C FOC		FDC		Installed Pole (6.7M)		Pole Ring		FDP Boundary		Loop / Coil (Meter)	P001 New Pole NO.
	96C FOC		Closure		Existing TNB Pole		FDP with (1:8) splitter	15		HDD (Meter)		Active Outdoor Cabinet
	144C FOC		Existing Closure		Installed Riser		Existing Manhole			Open Cut (Meter)		FDC NO.
					Existing Manhole							CL01 Closure NO.
												DP1 FDP NO.

ACTUAL HOMEPASS :

KEY PLAN:	OWNER / DEVELOPER:	MAIN CONTRACTOR:	SUB-CONTRACTOR:	PROJECT TITLE:	DRAWING TITLE:	Design By :	Date :
		 PRIVASAT	 Aratimur Sdn Bhd A-08-13, 8th Floor, Block A, Radia Office, Persiaran Singgahsana 40150 Bukit Jelutong Shah Alam, Selangor Darul Ehsan	ABA4016 SEKOLAH KEBANGSAAN CHEH	CONSTRUCTION DRAWING ABA4016 SEKOLAH KEBANGSAAN CHEH	NADIA	8-2-2025
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ABA4016 Sekolah Kebangsaan Cheh

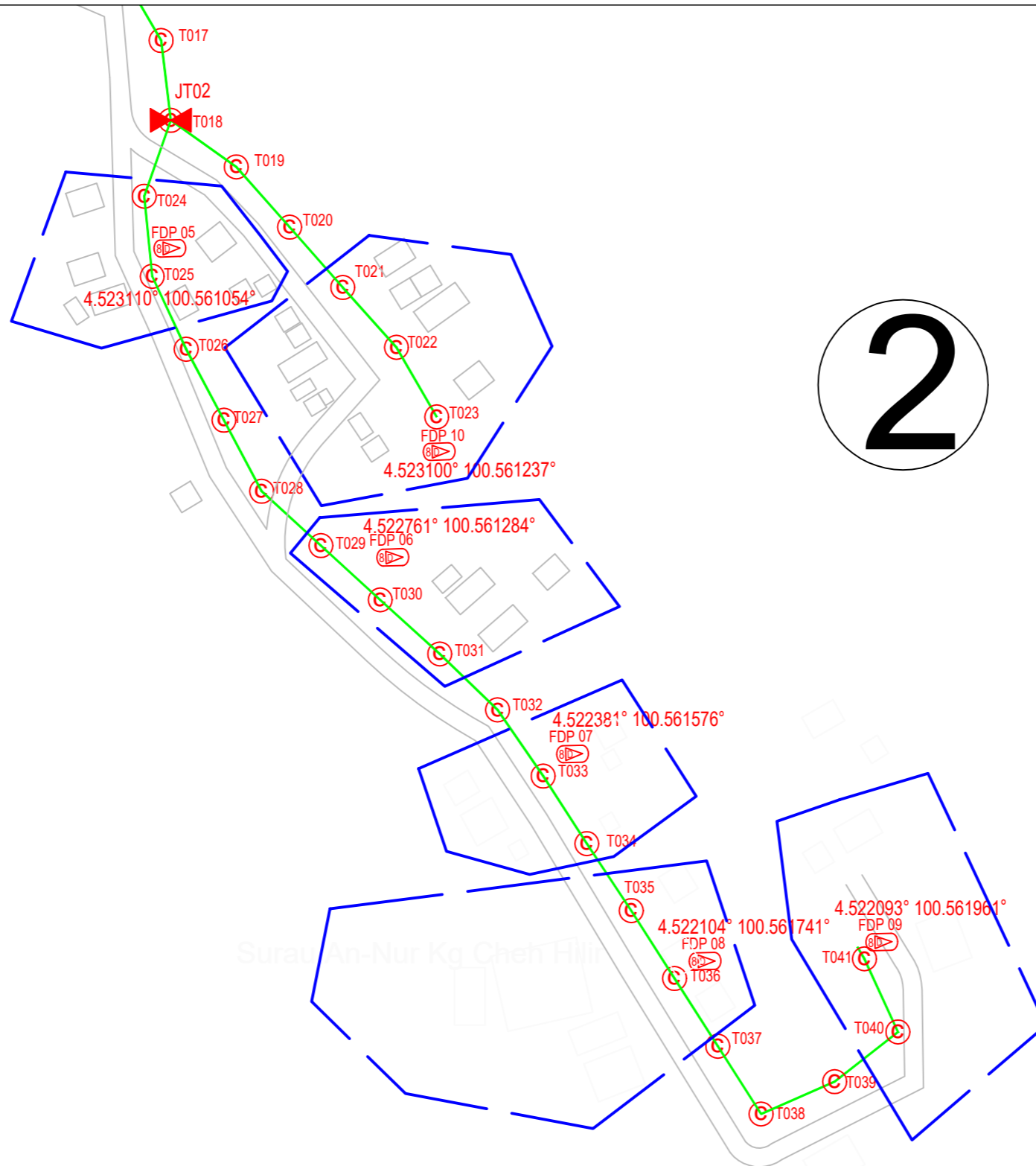


1

	12C FOC		Installed 1:4 / 1:8 / 1:32 splitter		Installed Pole (9m)		Suspension		New Manhole (PIT)		Micro-Trenching (Meter)		MH NO.
	24C FOC	1780	Installed Patch Cord		Installed Pole (7.5M)		Tension		New Manhole(JRC7)		Temporary Infra (Meter)		Existing TNB Pole NO.
	48C FOC		FDC		Installed Pole (6.7M)		Pole Ring		FDP Boundary		Loop / Coil (Meter)		New Pole NO.
	96C FOC		Closure		Existing TNB Pole		FDP with (1:8) splitter		HDD (Meter)		Active Outdoor Cabinet		Closure NO.
	144C FOC		Existing Closure		Installed Riser		Existing Manhole		Open Cut (Meter)		FDC NO.		FDP NO.

ACTUAL HOMEPASS :

KEY PLAN:	OWNER / DEVELOPER:	MAIN CONTRACTOR:	SUB-CONTRACTOR:	PROJECT TITLE:	DRAWING TITLE:	Design By :	Date :
		 PRIVASAT	 Aratimur Sdn Bhd A-08-13, 8th Floor, Block A, Radia Office, Persiaran Singgahsana 40150 Bukit Jelutong Shah Alam, Selangor Darul Ehsan	ABA4016 SEKOLAH KEBANGSAAN CHEH	CONSTRUCTION DRAWING ABA4016 SEKOLAH KEBANGSAAN CHEH	Drawn By : NADIA	8-2-2025
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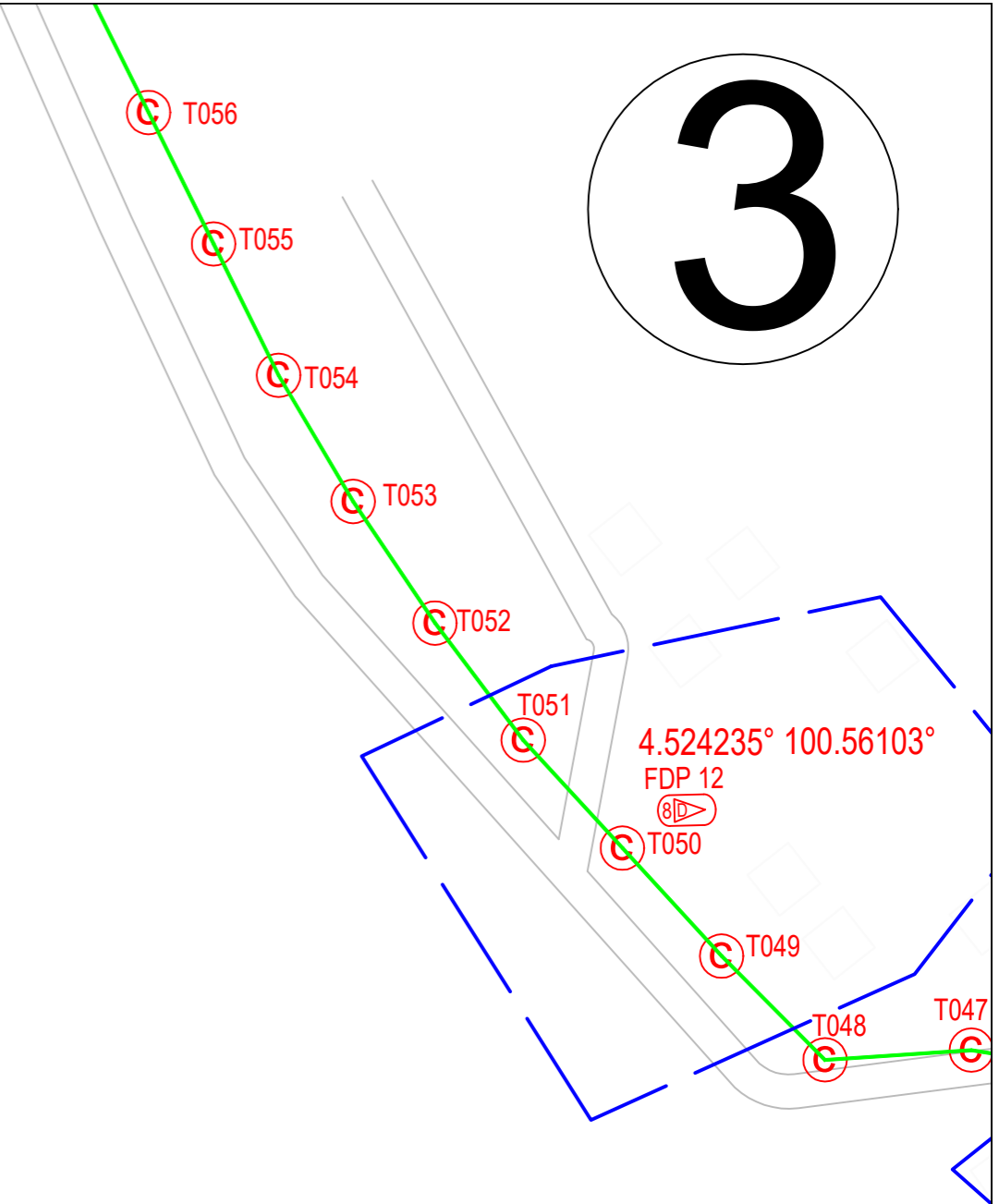
2

12C FOC	Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	s	Suspension	JB3C	New Manhole (PIT)	Micro-Trenching (Meter)	MH1	MH NO.
24C FOC	Installed Patch Cord	Installed Pole (7.5M)	72	Tension	C7	New Manhole(JRC7)	Temporary Infra (Meter)	TKS-1	Existing TNB Pole NO.
48C FOC	FDC	Installed Pole (6.7M)		Pole Ring		FDP Boundary	Loop / Coil (Meter)	P001	New Pole NO.
96C FOC	Closure	Existing TNB Pole	2	FDP with (1:8) splitter	15	HDD (Meter)	#	CL01	Closure NO.
144C FOC	Existing Closure	Installed Riser		Existing Manhole		Open Cut (Meter)	C01	DP1	FDP NO.

ACTUAL HOMEPASS :

KEY PLAN:	OWNER / DEVELOPER:	MAIN CONTRACTOR:	SUB-CONTRACTOR:	PROJECT TITLE:	DRAWING TITLE:	Design By :	Date :
		 PRIVASAT	 Aratimur Sdn Bhd A-08-13, 8th Floor, Block A, Radia Office, Persiaran Singgahsana 40150 Bukit Jelutong Shah Alam, Selangor Darul Ehsan	ABA4016 SEKOLAH KEBANGSAAN CHEH	CONSTRUCTION DRAWING ABA4016 SEKOLAH KEBANGSAAN CHEH	NADIA	8-2-2025
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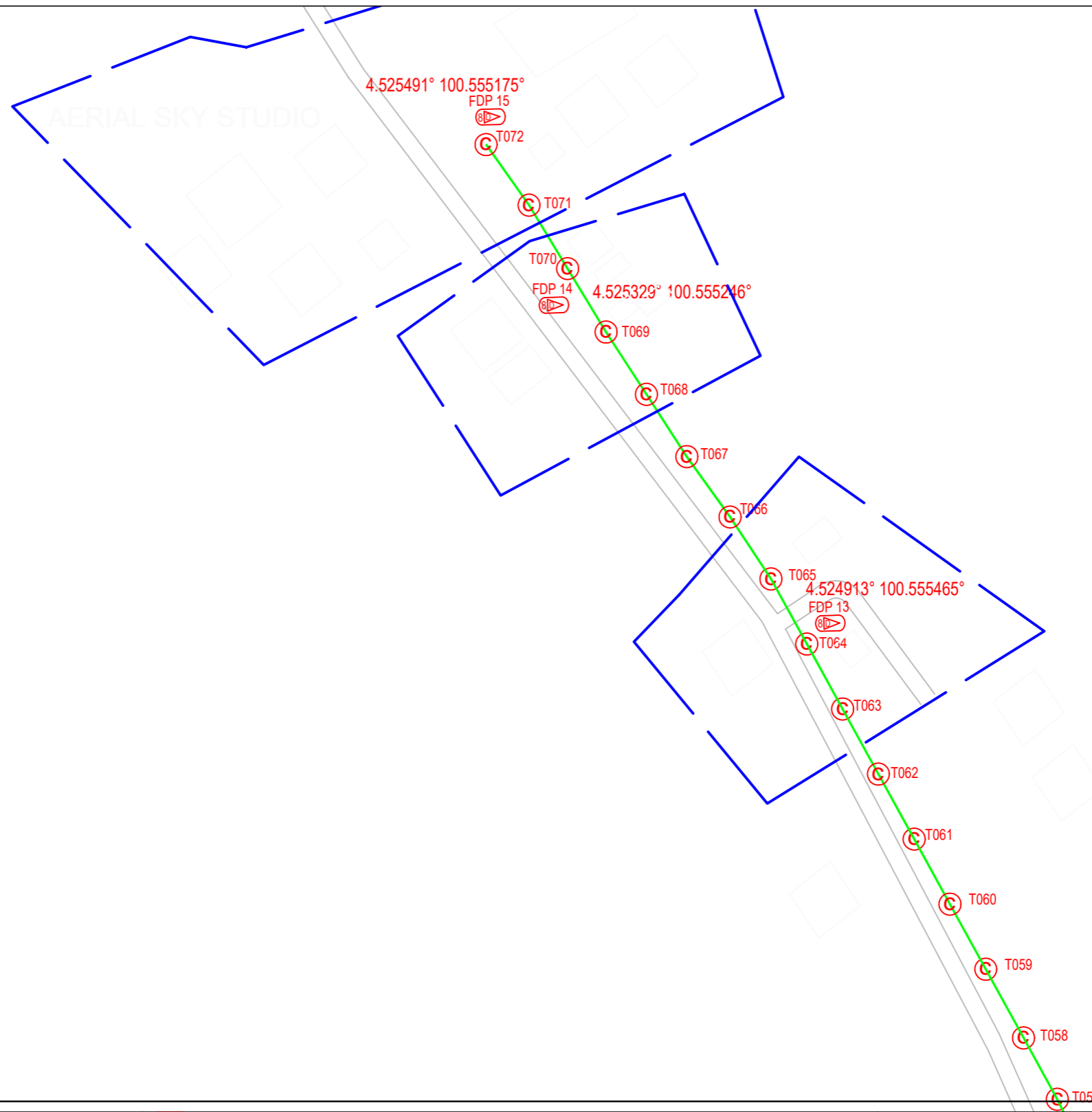
3



	12C FOC		Installed 1:4 / 1:8 / 1:32 splitter		Installed Pole (9m)			Suspension		New Manhole (PIT)		Micro-Trenching (Meter)		MH NO.	
	24C FOC	1780	Installed Patch Cord		Installed Pole (7.5M)	72		Tension		New Manhole(JRC7)	0		Temporary Infra (Meter)		Existing TNB Pole NO.
	48C FOC		FDC		Installed Pole (6.7M)			Pole Ring		FDP Boundary			Loop / Coil (Meter)		New Pole NO.
	96C FOC		Closure		Existing TNB Pole			FDP with (1:8) splitter	15		HDD (Meter)		Active Outdoor Cabinet		Closure NO.
	144C FOC		Existing Closure		Installed Riser			Existing Manhole			Open Cut (Meter)		FDC NO.		FDP NO.

ACTUAL HOMEPASS :

KEY PLAN:	OWNER / DEVELOPER: 	MAIN CONTRACTOR: PRIVASAT	SUB-CONTRACTOR: AraTimur Sdn Bhd A-08-13, 8th Floor, Block A, Radia Office, Persiaran Singgahsana 40150 Bukit Jelutong Shah Alam, Selangor Darul Ehsan	PROJECT TITLE: ABA4016 SEKOLAH KEBANGSAAN CHEH	DRAWING TITLE: CONSTRUCTION DRAWING ABA4016 SEKOLAH KEBANGSAAN CHEH	Design By : Date : 8-2-2025	Drawn By : NADIA Scale : NOT TO SCALE
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12C FOC	Installed 1:4 / 1:8 / 1:32 splitter	○	Installed Pole (9m)	s	Suspension	JB3C	New Manhole (PIT)	Micro-Trenching (Meter)	MH1	MH NO.
24C FOC	Installed Patch Cord	⊙	Installed Pole (7.5M)	t	Tension	C7	New Manhole(JRC7)	Temporary Infra (Meter)	TKS-1	Existing TNB Pole NO.
48C FOC	FDC	1	Installed Pole (6.7M)	●	Pole Ring	—	FDP Boundary	Loop / Coil (Meter)	P001	New Pole NO.
96C FOC	Closure	2	Existing TNB Pole	⊙	FDP with (1:8) splitter	—	HDD (Meter)	#	CL01	Closure NO.
144C FOC	Existing Closure	□	Installed Riser	□	Existing Manhole	—	Open Cut (Meter)	C01	DP1	FDP NO.

ACTUAL HOMEPASS :

KEY PLAN:	OWNER / DEVELOPER: 	MAIN CONTRACTOR: PRIVASAT	SUB-CONTRACTOR: AraTimur Sdn Bhd A-08-13, 8th Floor, Block A, Radia Office, Persiaran Singgahsana 40150 Bukit Jelutong Shah Alam, Selangor Darul Ehsan	PROJECT TITLE: ABA4016 SEKOLAH KEBANGSAAN CHEH	DRAWING TITLE: CONSTRUCTION DRAWING ABA4016 SEKOLAH KEBANGSAAN CHEH	Design By : NADIA	Date : 8-2-2025
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