

TECHNICAL PROPOSAL

POP 2 AFT4003-SMA MAAHAD NURUL FADZLIAH (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 : 15/12/2024



Starting Point

Site / Boundary Name : SMA MAAHAD NURUL FADZLIAH
Address : Jalan Sekolah SMA Maahad Nurul Fadzliah, Sungai Siput, 31100, Perak
District : Sungai Siput
Postcode : 31100
State : Perak
GPS Coordinate : 4.904389, 101.037266
LRD : A

End Point

Site / Boundary Name : KAMPUNG KELIMAT
Address : Jalan Kampung Kelimat , 31100 Sungai Siput Perak
District : Sungai Siput
Postcode : 31100
State : Perak
GPS Coordinate : 4.904000, 101.041289
LRD : B

1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	37
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	0
4	Micro Trenching (MT)	m	0
Total			37

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	2,637
2	Install New Pole	ea	63
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	18
6	Estimated Time Required for Completion	days	30



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))



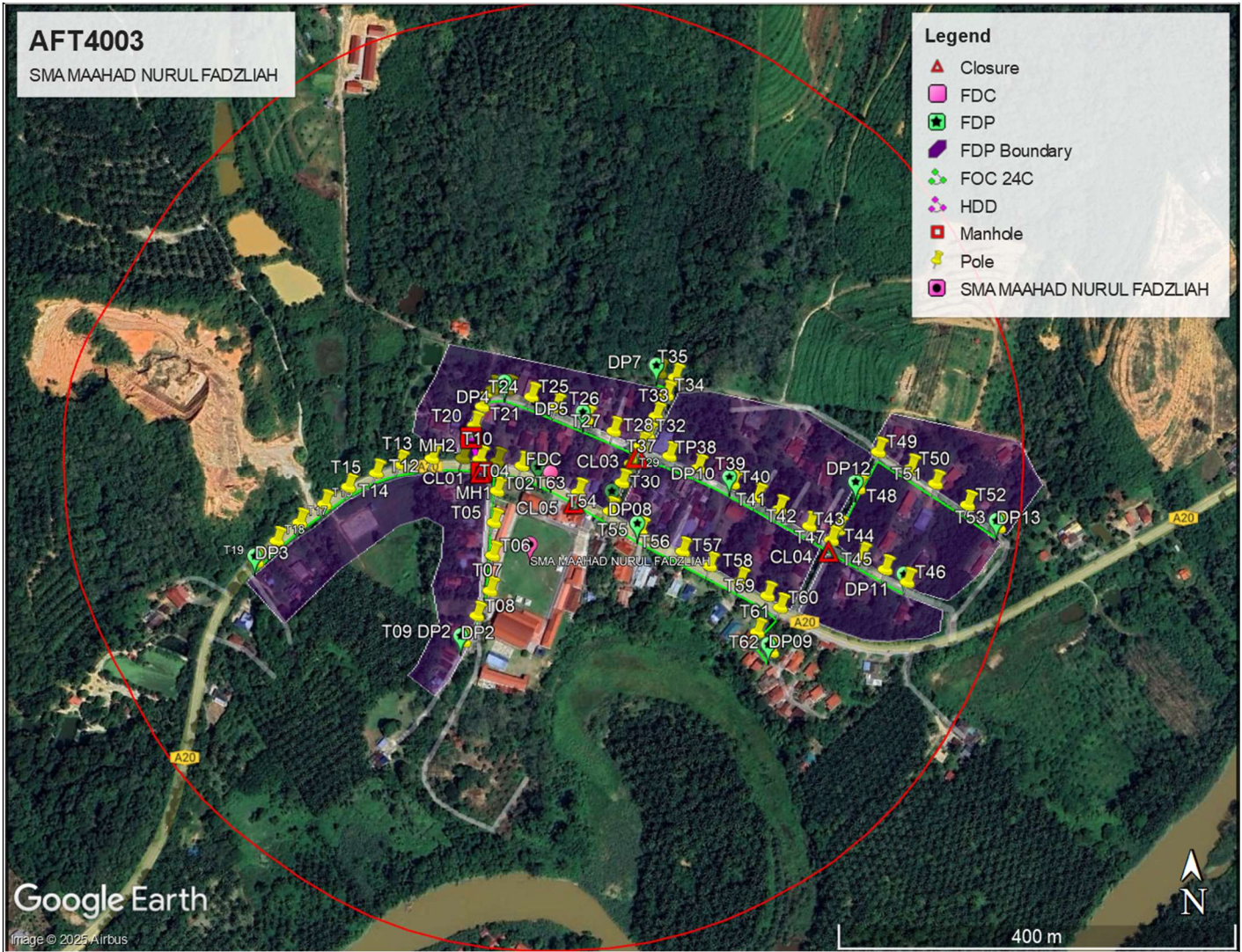
2.0 LOCAL AUTHORITY SUMMARY

Daerah Sungai Manik

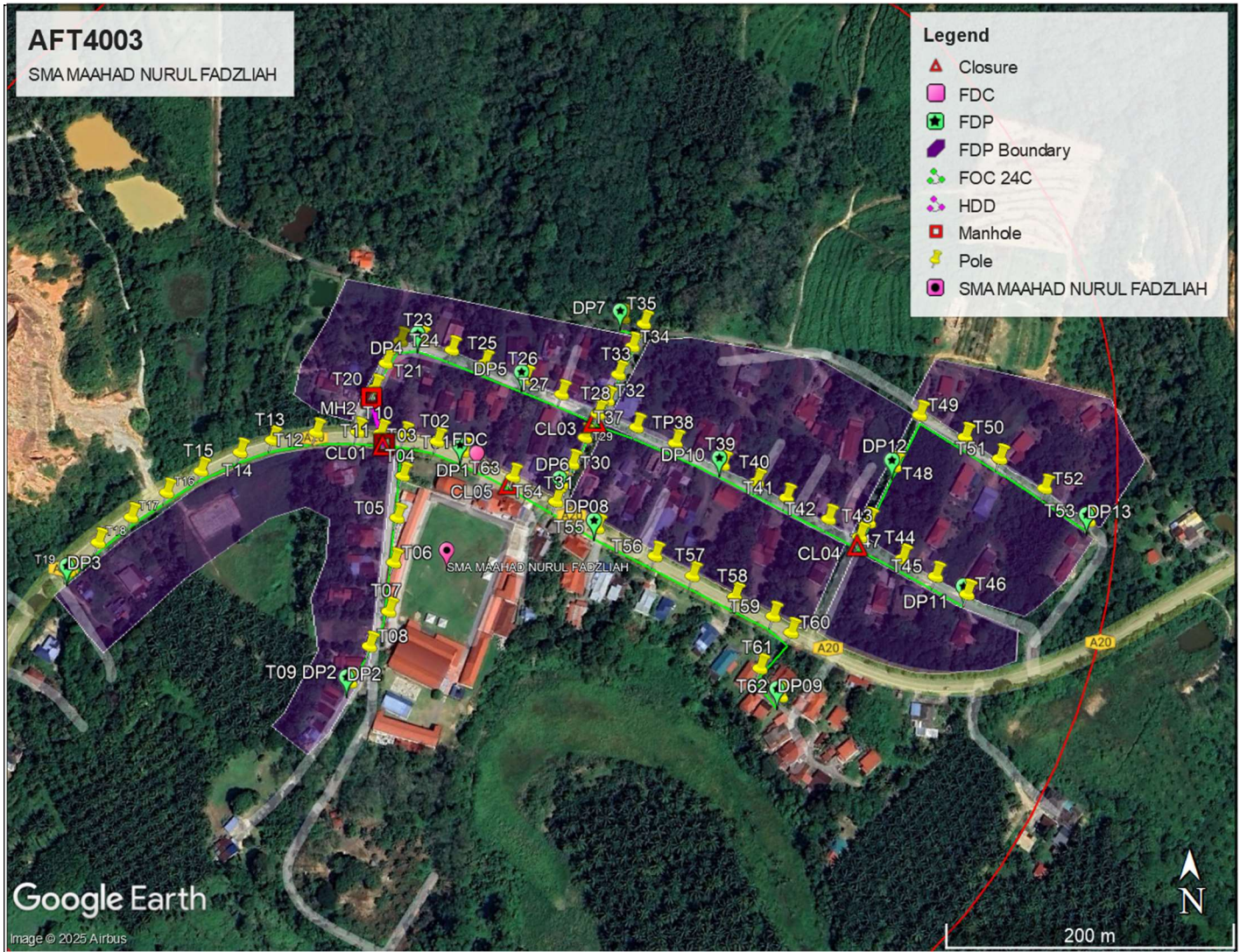
NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	1	37
		Majlis	-	-
		PDT	-	-
2	New Pole	JKR	23	840
		Majlis	40	1,760
		PDT	-	-
Total Distance (m)				2,637

3.0 SITE PLAN (KMZ)

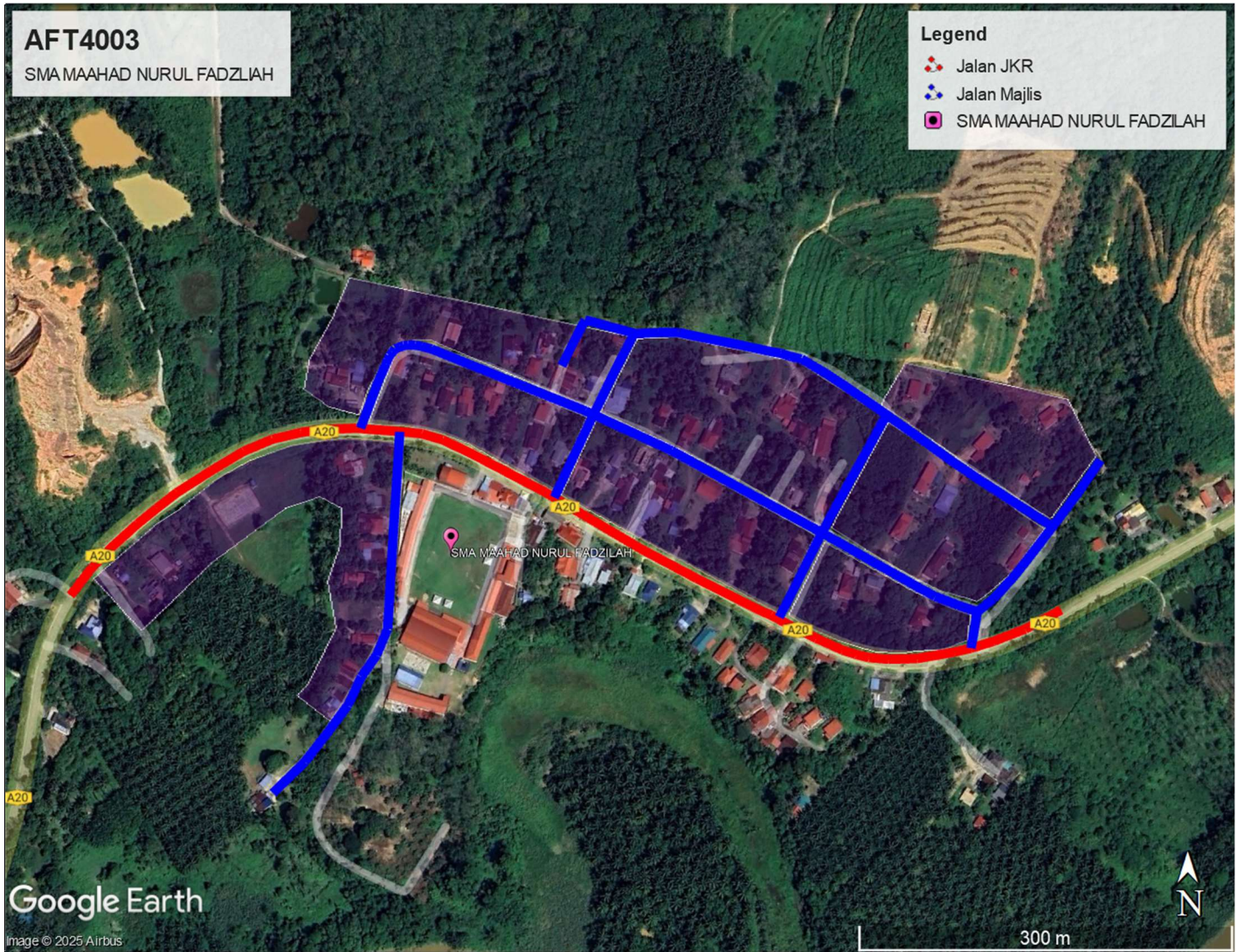
3.1 Overview Site Area



3.2 Site Boundary



3.3 Road Boundary



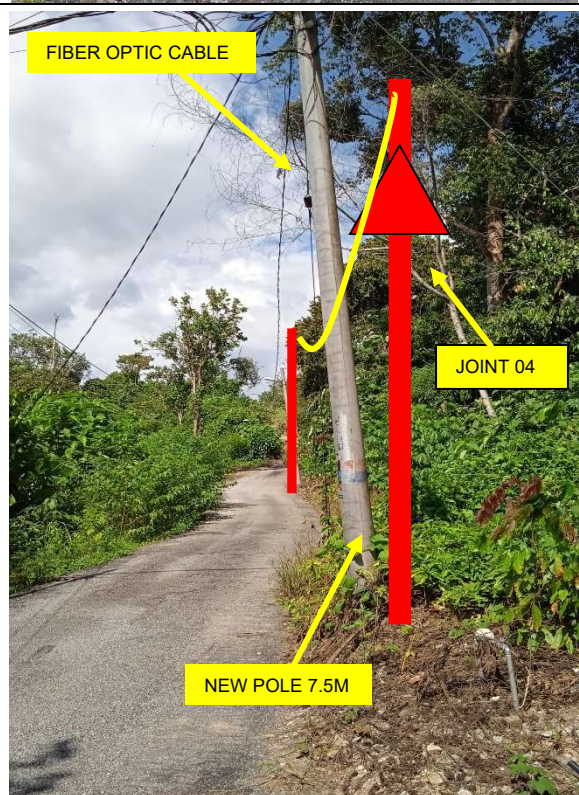
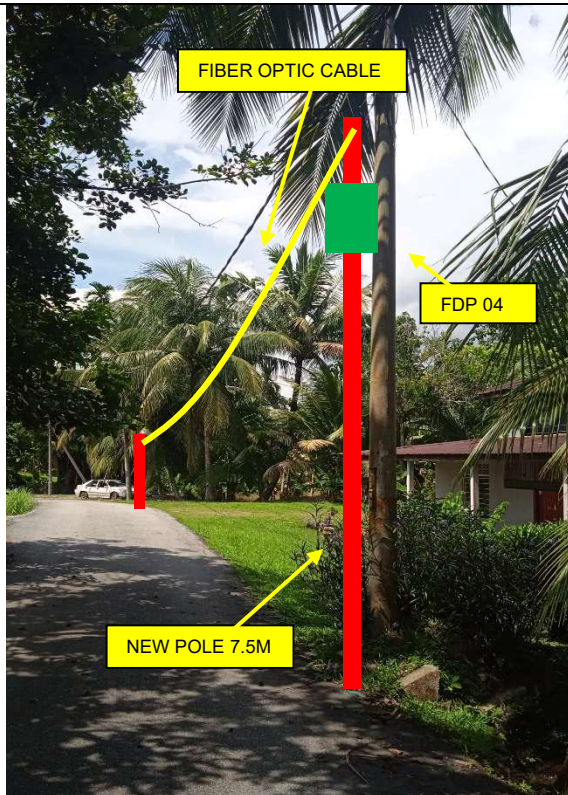
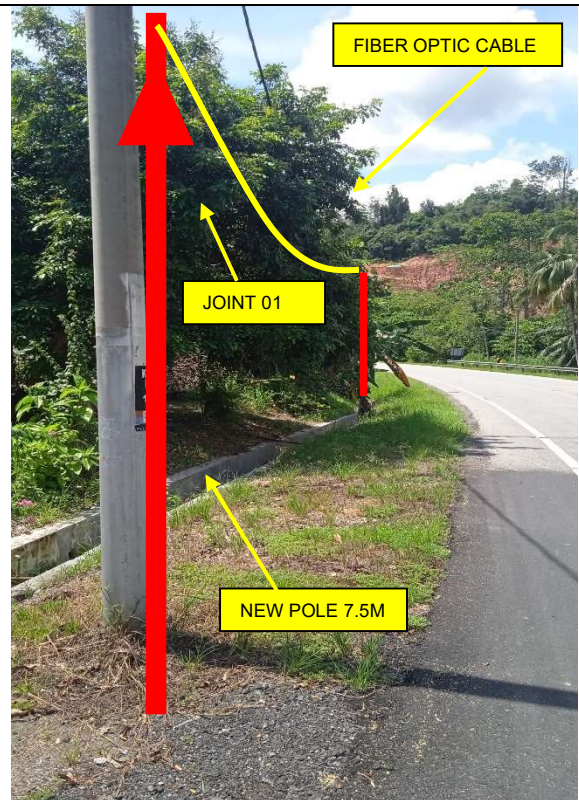
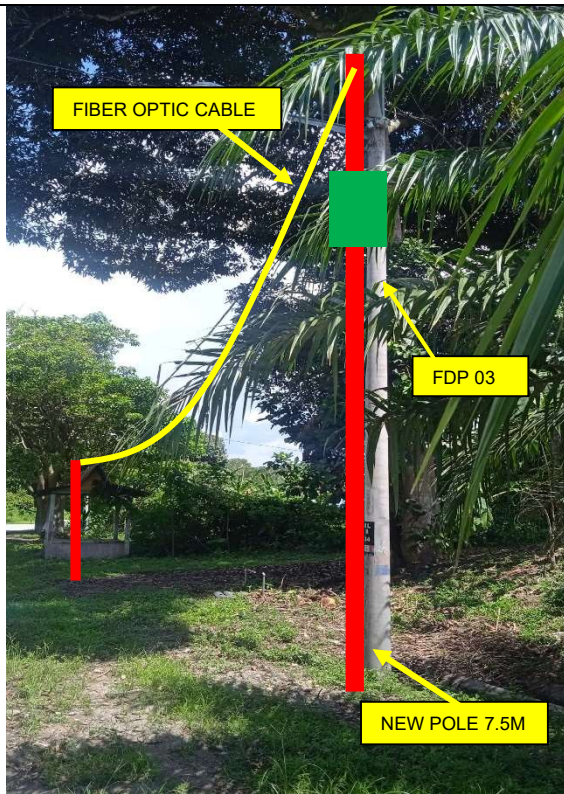
4.0 PROPOSED NEW POLE

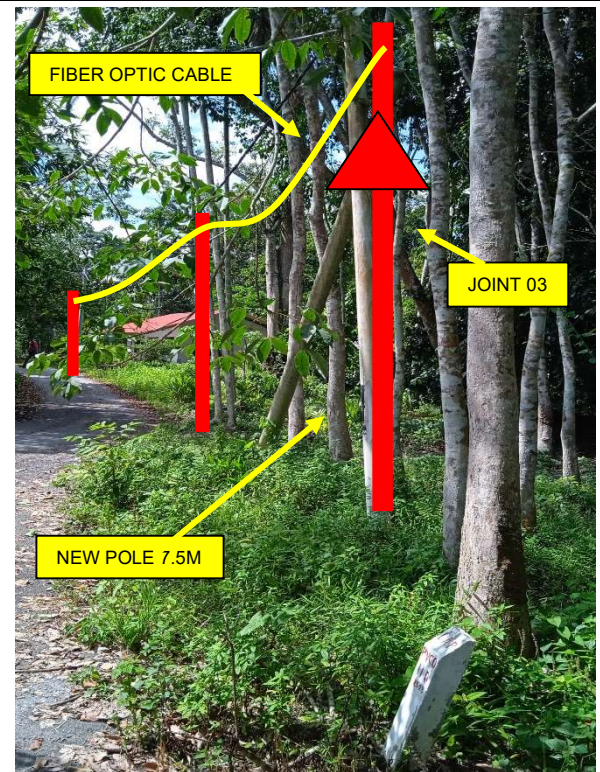
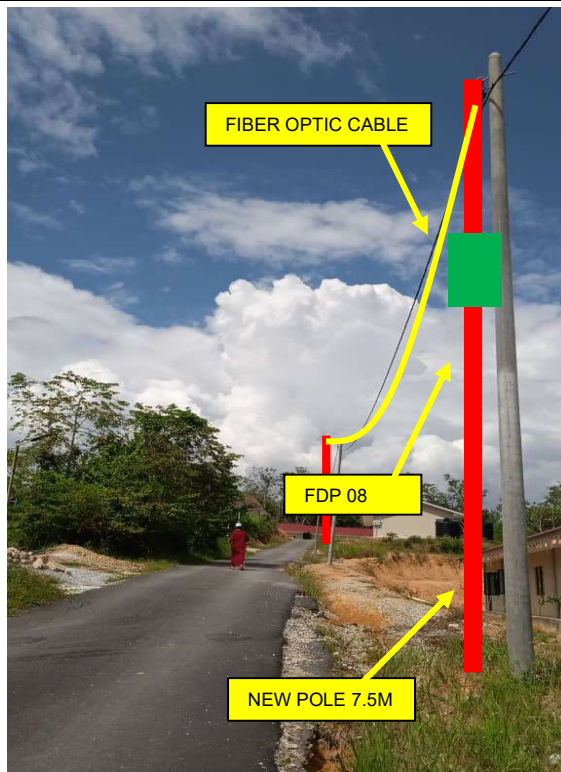
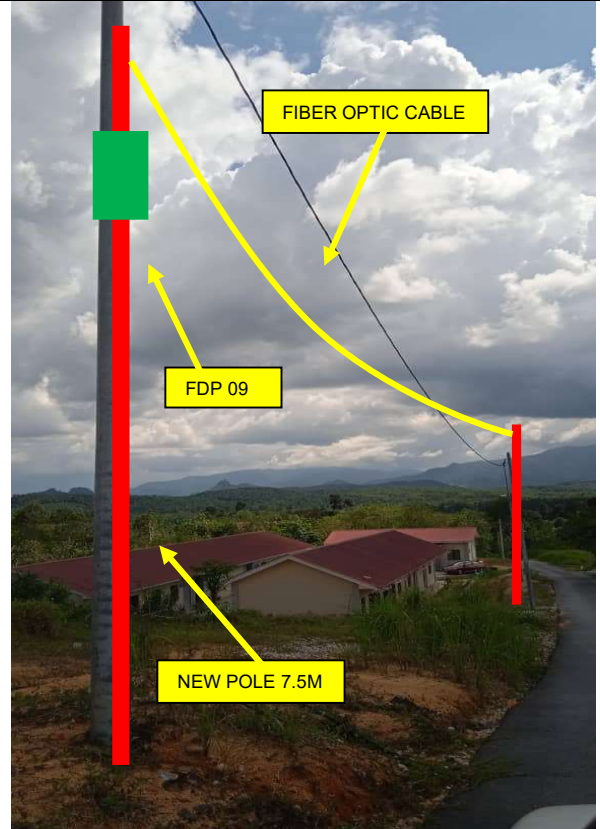
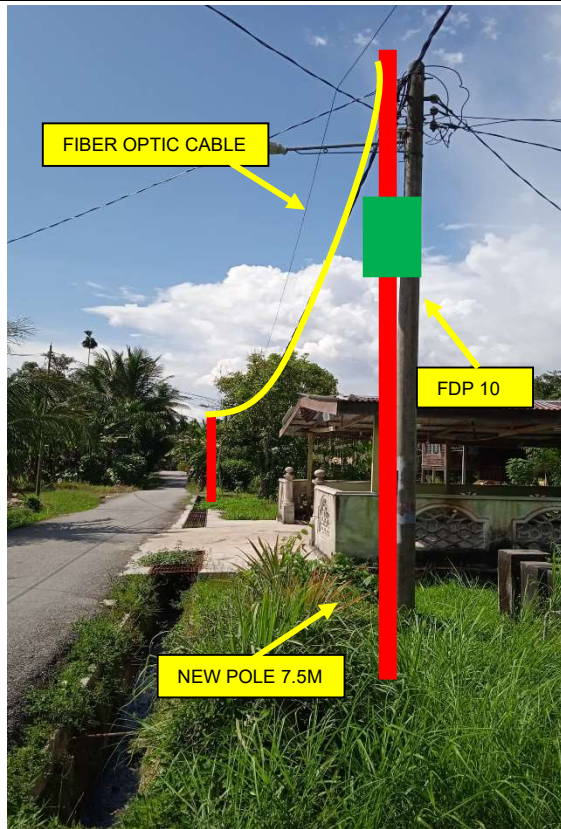
No.	Pole No.	Distance (m)	Latitude	Longitude	Local Authority
1	FDC	35	4.904426	101.037274	JKR Daerah Kuala Kangsar
2	T001	35	4.904481	101.037159	JKR Daerah Kuala Kangsar
3	T002	35	4.904559	101.036981	JKR Daerah Kuala Kangsar
4	T003	35	4.904598	101.036757	JKR Daerah Kuala Kangsar
5	T004	35	4.904319	101.036756	Majlis Daerah
6	T005	35	4.904038	101.036731	Majlis Daerah
7	T006	35	4.903741	101.036715	Majlis Daerah
8	T007	35	4.903424	101.036691	Majlis Daerah
9	T008	35	4.903196	101.036572	Majlis Daerah
10	T009	35	4.902963	101.036456	Majlis Daerah
11	T010	35	4.904614	101.036598	JKR Daerah Kuala Kangsar
12	T011	35	4.904628	101.036446	JKR Daerah Kuala Kangsar
13	T012	35	4.904626	101.036166	JKR Daerah Kuala Kangsar
14	T013	35	4.904574	101.035879	JKR Daerah Kuala Kangsar
15	T014	35	4.904491	101.035661	JKR Daerah Kuala Kangsar
16	T015	35	4.904406	101.035451	JKR Daerah Kuala Kangsar
17	T016	35	4.904200	101.035195	JKR Daerah Kuala Kangsar
18	T017	35	4.904042	101.034972	JKR Daerah Kuala Kangsar
19	T018	35	4.903875	101.034766	JKR Daerah Kuala Kangsar
20	T019	35	4.903684	101.034594	JKR Daerah Kuala Kangsar
21	T020	35	4.904910	101.036555	Majlis Daerah
22	T021	35	4.905094	101.036629	Majlis Daerah
23	T022	35	4.905250	101.036732	Majlis Daerah
24	T023	35	4.905095	101.037296	Majlis Daerah
25	T024	35	4.905180	101.037070	Majlis Daerah
26	T025	35	4.905092	101.037301	Majlis Daerah
27	T026	35	4.904966	101.037567	Majlis Daerah
28	T027	35	4.904892	101.037788	Majlis Daerah
29	T028	35	4.904751	101.038060	Majlis Daerah
30	T029	35	4.904655	101.038298	Majlis Daerah
31	T030	35	4.904396	101.037893	Majlis Daerah
32	T031	35	4.904255	101.037823	Majlis Daerah
33	T032	35	4.904834	101.038124	Majlis Daerah
34	T033	35	4.904933	101.038178	Majlis Daerah
35	T034	35	4.905197	101.038289	Majlis Daerah
36	T035	35	4.905354	101.038370	Majlis Daerah
37	T036	35	4.905388	101.038232	Majlis Daerah
38	T037	35	4.904648	101.038320	Majlis Daerah
39	T038	35	4.904424	101.038257	Majlis Daerah
40	T039	35	4.904385	101.038885	Majlis Daerah

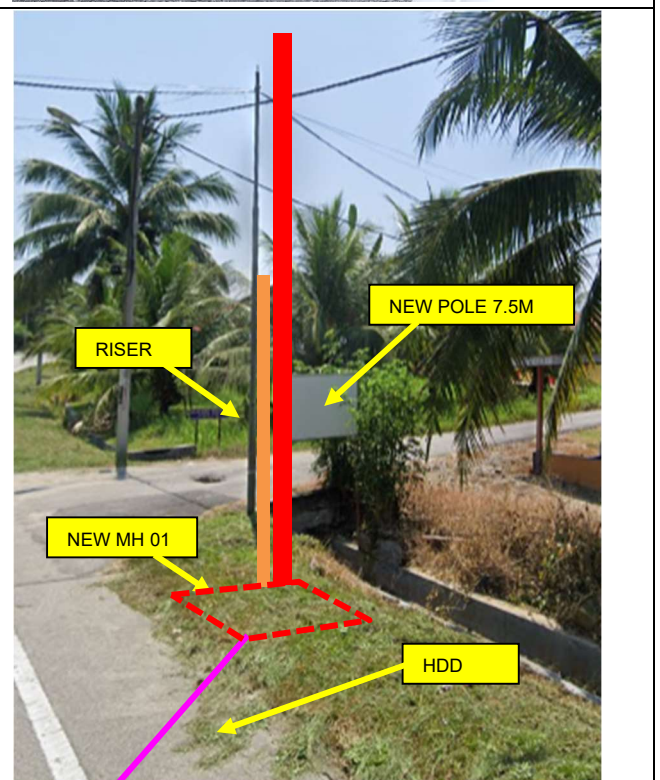
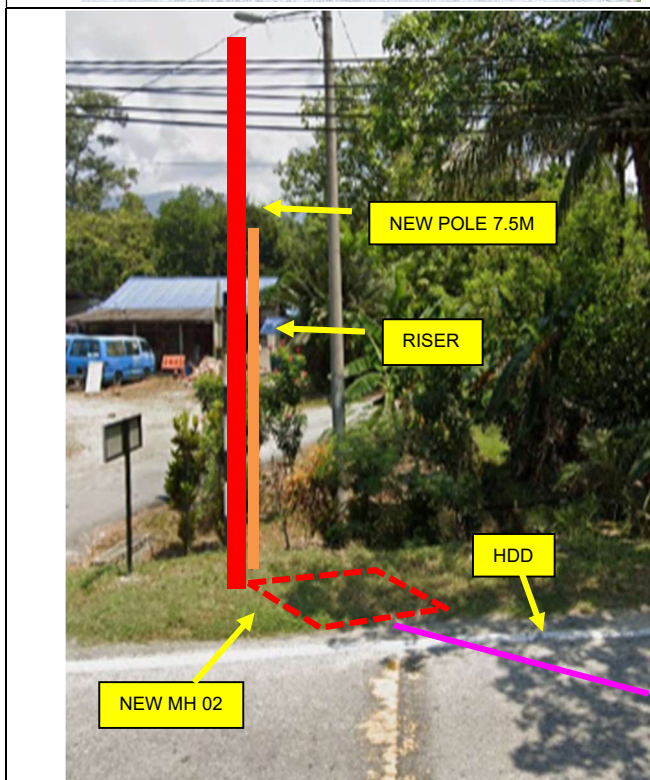
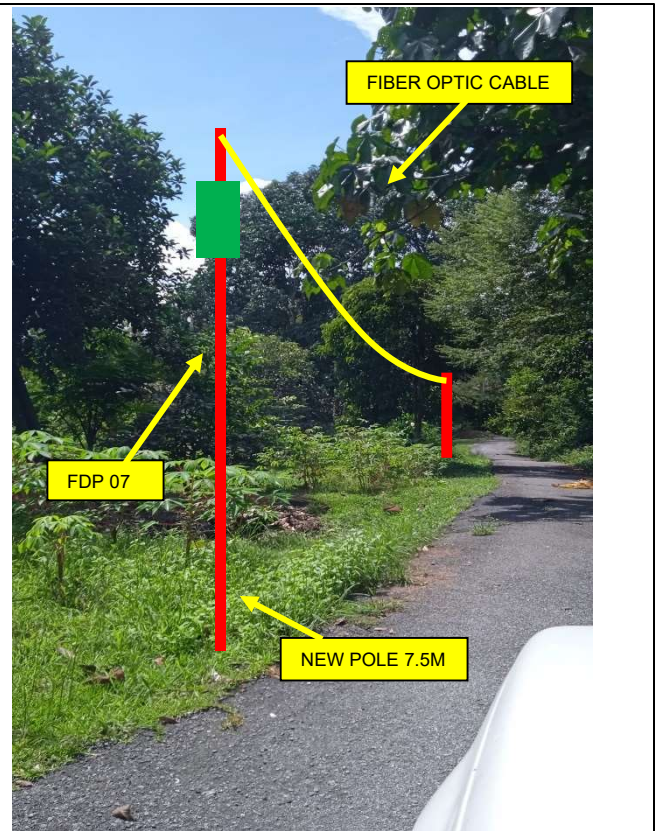
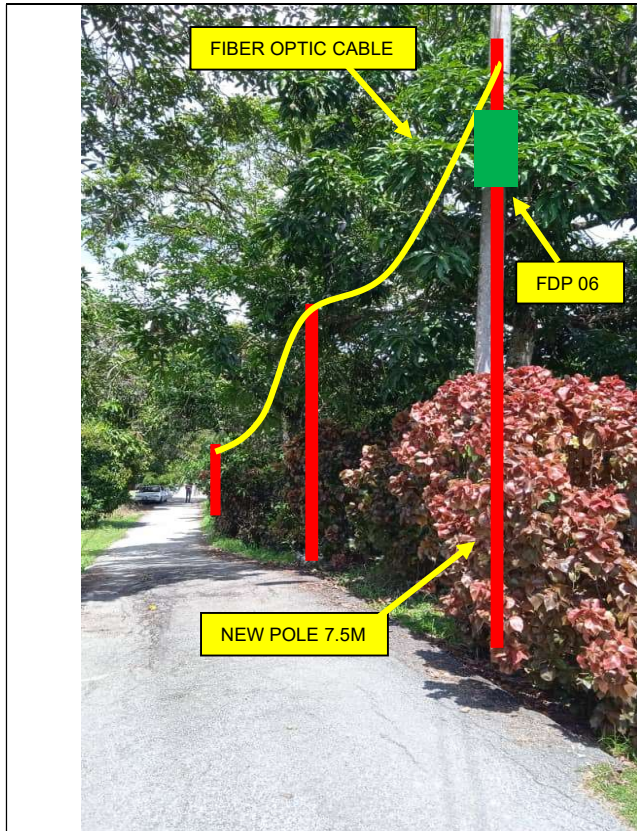
No.	Pole No.	Distance (m)	Latitude	Longitude	Local Authority
41	T040	35	4.904273	101.039107	Majlis Daerah
42	T041	35	4.904161	101.039329	Majlis Daerah
43	T042	35	4.904016	101.039569	Majlis Daerah
44	T043	35	4.903890	101.039762	Majlis Daerah
45	T044	35	4.903743	101.040030	Majlis Daerah
46	T045	35	4.903610	101.040248	Majlis Daerah
47	T046	35	4.903511	101.040435	Majlis Daerah
48	T047	35	4.903371	101.040678	Majlis Daerah
49	T048	35	4.904352	101.040000	Majlis Daerah
50	T049	35	4.904679	101.040162	Majlis Daerah
51	T050	35	4.905006	101.040324	Majlis Daerah
52	T051	35	4.904391	101.040667	Majlis Daerah
53	T052	35	4.904201	101.040969	Majlis Daerah
54	T053	35	4.903993	101.041280	Majlis Daerah
55	T054	35	4.904306	101.037495	JKR Daerah Kuala Kangsar
56	T055	35	4.904139	101.037778	JKR Daerah Kuala Kangsar
57	T056	35	4.904086	101.036862	JKR Daerah Kuala Kangsar
58	T057	35	4.903775	101.038439	JKR Daerah Kuala Kangsar
59	T058	35	4.903851	101.036442	JKR Daerah Kuala Kangsar
60	T059	35	4.903510	101.038959	JKR Daerah Kuala Kangsar
61	T060	35	4.903382	101.039199	JKR Daerah Kuala Kangsar
62	T061	35	4.903279	101.039319	JKR Daerah Kuala Kangsar
63	T062	35	4.903052	101.039114	JKR Daerah Kuala Kangsar
64	T063	35	4.902870	101.039240	JKR Daerah Kuala Kangsar

5.0 SITE PHOTOS - PROPOSED NEW POLE









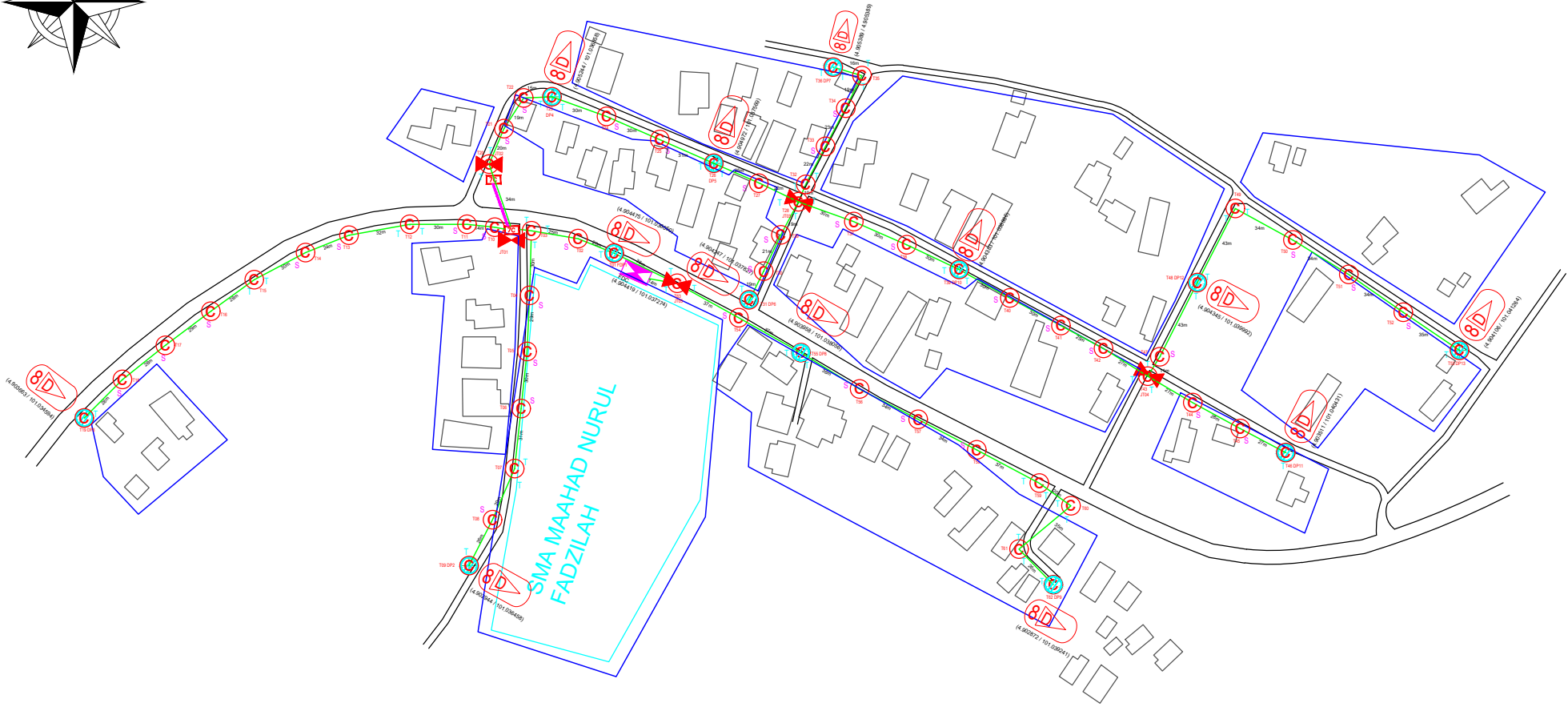
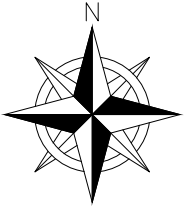


PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN
SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI
SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA
(KKMM.400-11/17/132(1))



6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis	1,760m
2	JKR	877m



12C FOC	Installed 1:4 / 1:8 splitter	Existing TNB Pole	Pole Ring	13	Micro-Trenching (Meter)	#	Active Outdoor Numbering	CL01	Closure NO.
24C FOC	FDC	Installed Riser	New Manhole (PIT)	1	Temporary Infra (Meter)	NBDW	FDC NO.	DP1	FDP NO.
48C FOC	Closure	FDP with (1:8) splitter	New Manhole(JRC7)	2	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)	49	Open Cut (Meter)	T01	New Pole NO.		

ACTUAL HOMEPASS : 104



PROJECT OWNER:



KEMENTERIAN
KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR:



APEX
COMMUNICATIONS SDN BHD



PRIVASAT

SUB-CONTRACTOR:



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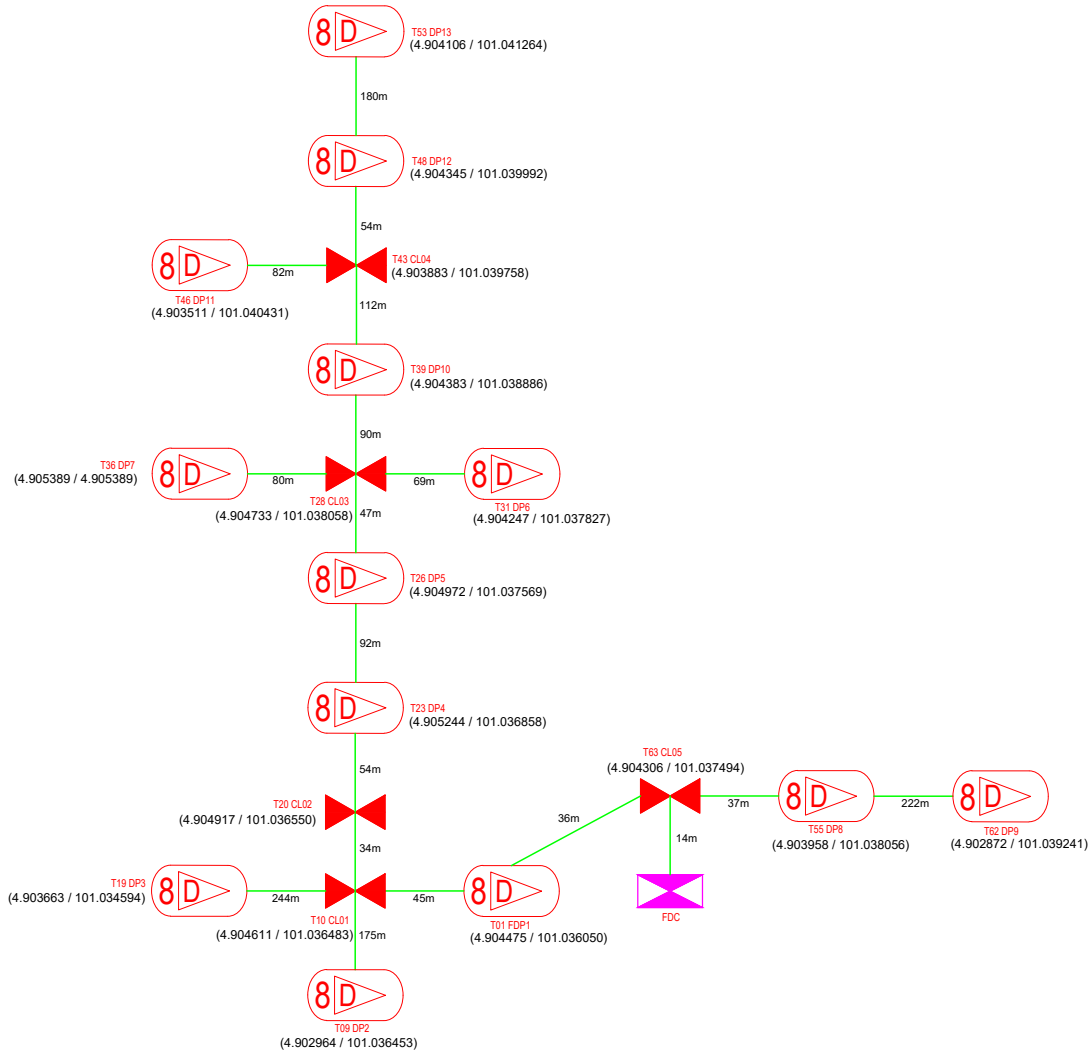
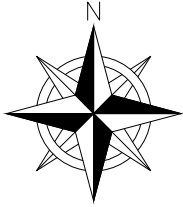
ALLO TECHNOLOGY SDN BHD
Level 3, Salfi Bldg,
College of Computer Science & Information Technology (CSIT)
UNITAR, 43000 Kajang, Selangor
Tel: 1-300-36-8000
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E-Mail: info@allo.my WEBSITE: HTTP://WWW.ALLO.MY

PROJECT TITLE:
CONTRACT FOR THE PROVISION OF
SUPPLY, INSTALLATION AND
COMMISSIONING OF FTTH NETWORK
INFRASTRUCTURE - POP 2 PROJECT
(D-SIDE) - FOR AFT 4003 - SMA
MAHAD NURUL FADZILAH

DRAWING TITLE:
CONSTRUCTION DRAWING - SMA
MAHAD NURUL FADZILAH

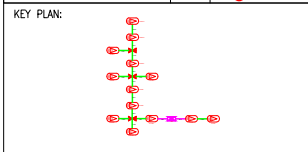
PROJECT PHASE:
SMA MAHAD NURUL FADZILAH

Design By : M. AFIQ HAKIMI	Date : 25 JANUARY 2025
Drawn By : M. AFIQ HAKIMI	Scale :
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ACTUAL HOMEPASS : 104

12C FOC		Installed 1:4 / 1:8 splitter		Existing TNB Pole		Pole Ring	13	Micro-Trenching (Meter)		#	Active Outdoor Numbering	CL01	Closure NO.
24C FOC	1687m	FDC	1	Installed Riser		New Manhole (PIT)	13	Temporary Infra (Meter)		NBC#	FDC NO.	DP1	FDP NO.
48C FOC		Closure	4	FDP with (1:8) splitter	11	New Manhole(JRC7)	2	FDP Boundary		MH1	MH NO.		
96C FOC		Installed Pole (9m)		Suspension	36	Existing Manhole		HDD (Meter)	23m	TKS-1	Existing TNB Pole NO.		
144C FOC		Installed Pole (7.5m)	63	Tension	49	Loop / Coil (Meter)		Open Cut (Meter)		T01	New Pole NO.		



PROJECT OWNER:

KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR:

APEX COMMUNICATIONS SDN BHD
187625-JV

PRIVASAT

SUB-CONTRACTOR:

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The Smarter Connection
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PROJECT TITLE:
CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 PROJECT (D-SIDE) - FOR AFT 4003 - SMA MAAHAD NURUL FADZILAH

DRAWING TITLE:
CONSTRUCTION DRAWING - SMA MAAHAD NURUL FADZILAH

PROJECT PHASE:
SMA MAAHAD NURUL FADZILAH

Design By : M. AFIQ HAKIMI	Date : 27 JANUARY 2025
Drawn By : M. AFIQ HAKIMI	Scale :
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