



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))



TECHNICAL PROPOSAL

POP2 ABD6103 SEKOLAH JENIS KEBANGSAAN (T) ULU SEPETANG (D-SIDE)

Company Name : Archway Mapping Services Sdn. Bhd.
Company Address : No 48-1, Jalan TU39A, Ayer Keroh Melaka
Prepared By : Muhammad Adham
Date : 09/11/2024



Point A





Point B

Starting Point

Site / Boundary Name : KAMUNTING
Address : SJKT ULU SEPETANG
District : LARUT MATANG
Postcode : 34010
State : PERAK
GPS Coordinate : 4.575480, 100.440266
LRD : A

End Point

Site / Boundary Name : KAMUNTING
Address : TAMAN KAMPUNG ULU SEPETANG
District : LARUT MATANG
Postcode : 34010
State : Perak
GPS Coordinate : 4.575256, 100.441900
LRD : B

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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	1530
2	Install New Pole	ea	48
3	Install New JRC7 Manhole	ea	1
4	Install GI Riser 100mm	ea	0
5	Install Fiber Distribution Point	ea	18
6	Install Closure	ea	7
7	Estimated Time Required for Completion	days	14

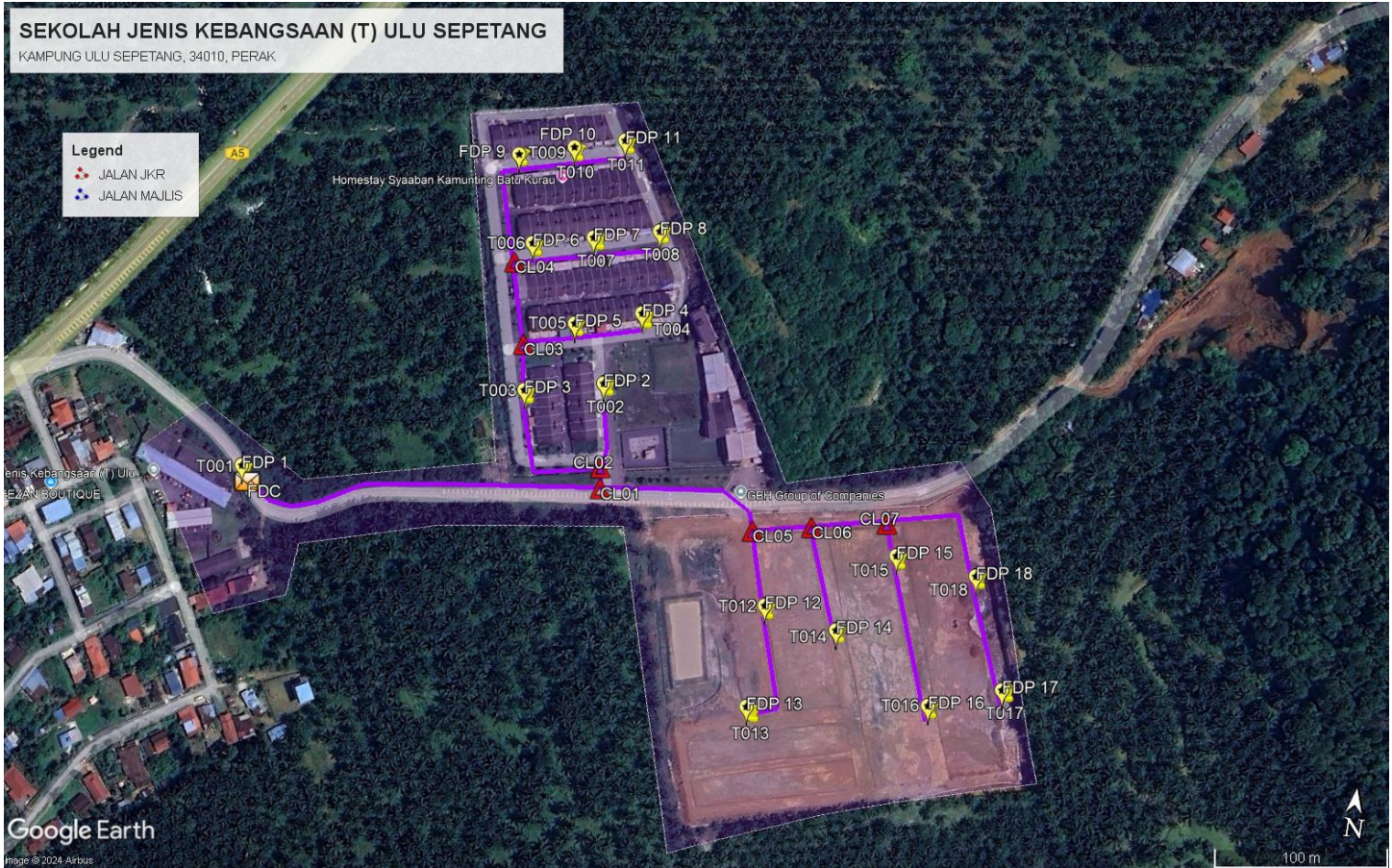
2.0 LOCAL AUTHORITY SUMMARY

Daerah Larut Matang

Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	-	-
		Majlis	48	1530m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				1530m

3.0 SITE PLAN (KMZ)

3.1 Overview Site Area



3.2 Site Plan - KMZ Routing (All Local Authority)



Red Colour – JKR Road

Blue Colour - Majlis Road





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4.0 PROPOSED NEW POLE FDP

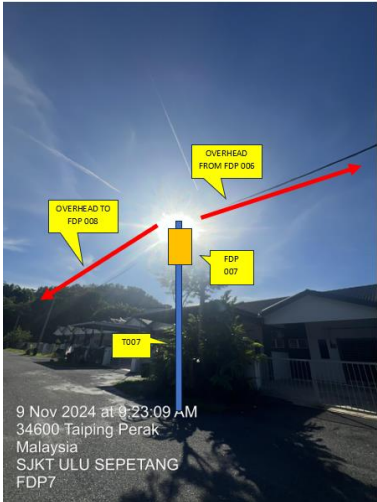
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	FDC	0	4.575480	100.440266	Majlis Daerah Road
2	T001	3	4.575503	100.440251	Majlis Daerah Road
3	T002	40	4.575486	100.440302	Majlis Daerah Road
4	T003	40	4.575481	100.440397	Majlis Daerah Road
5	T004	40	4.575535	100.450509	Majlis Daerah Road
6	T005	40	4.575562	100.440673	Majlis Daerah Road
7	T006	40	4.575587	100.440852	Majlis Daerah Road
8	T007	40	4.575610	100.440997	Majlis Daerah Road
9	T008	35	4.575646	100.440990	Majlis Daerah Road
10	T009	35	4.575722	100.440994	Majlis Daerah Road
11	T010	35	4.575786	100.440981	Majlis Daerah Road
12	T011	35	4.575638	100.440923	Majlis Daerah Road
13	T012	35	4.575634	100.440849	Majlis Daerah Road
14	T013	35	4.575746	100.440816	Majlis Daerah Road
15	T014	35	4.575880	100.440786	Majlis Daerah Road
16	T015	35	4.575901	100.440899	Majlis Daerah Road
17	T016	35	4.575939	100.441041	Majlis Daerah Road
18	T017	35	4.575965	100.440770	Majlis Daerah Road
19	T018	35	4.580045	100.440748	Majlis Daerah Road
20	T019	35	4.580055	100.440788	Majlis Daerah Road
21	T020	35	4.580087	100.440917	Majlis Daerah Road
22	T021	35	4.580118	100.441050	Majlis Daerah Road
23	T022	35	4.580139	100.440722	Majlis Daerah Road
24	T023	35	4.580227	100.440693	Majlis Daerah Road
25	T024	35	4.580239	100.440731	Majlis Daerah Road
26	T025	35	4.580265	100.440846	Majlis Daerah Road
27	T026	35	4.520995	100.440951	Majlis Daerah Road
28	T027	40	4.575619	100.441111	Majlis Daerah Road
29	T028	40	4.575631	100.441255	Majlis Daerah Road
30	T029	40	4.575563	100.441328	Majlis Daerah Road
31	T030	40	4.574575	100.441355	Majlis Daerah Road
32	T031	40	4.575371	100.441382	Majlis Daerah Road
33	T032	40	4.575283	100.441407	Majlis Daerah Road
34	T033	40	4.575197	100.441432	Majlis Daerah Road
35	T034	40	4.575153	100.441382	Majlis Daerah Road
36	T035	40	4.575584	100.441450	Majlis Daerah Road
37	T036	40	4.575478	100.441489	Majlis Daerah Road
38	T037	40	4.575345	100.441536	Majlis Daerah Road
39	T038	40	4.575623	100.441602	Majlis Daerah Road

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40	T039	40	4.575515	100.441641	Majlis Daerah Road
41	T040	40	4.575448	100.441663	Majlis Daerah Road
42	T041	40	4.575375	100.441689	Majlis Daerah Road
43	T042	40	4.575294	100.441720	Majlis Daerah Road
44	T043	40	4.575216	100.441750	Majlis Daerah Road
45	T044	40	4.575653	100.441746	Majlis Daerah Road
46	T045	40	4.575575	100.441781	Majlis Daerah Road
47	T046	40	4.575276	100.441900	Majlis Daerah Road
48	T047	40	4.575216	100.441750	Majlis Daerah Road
49	T048	40	4.575500	100.441808	Majlis Daerah Road



5.0 SITE PHOTOS - PROPOSED NEW POLE











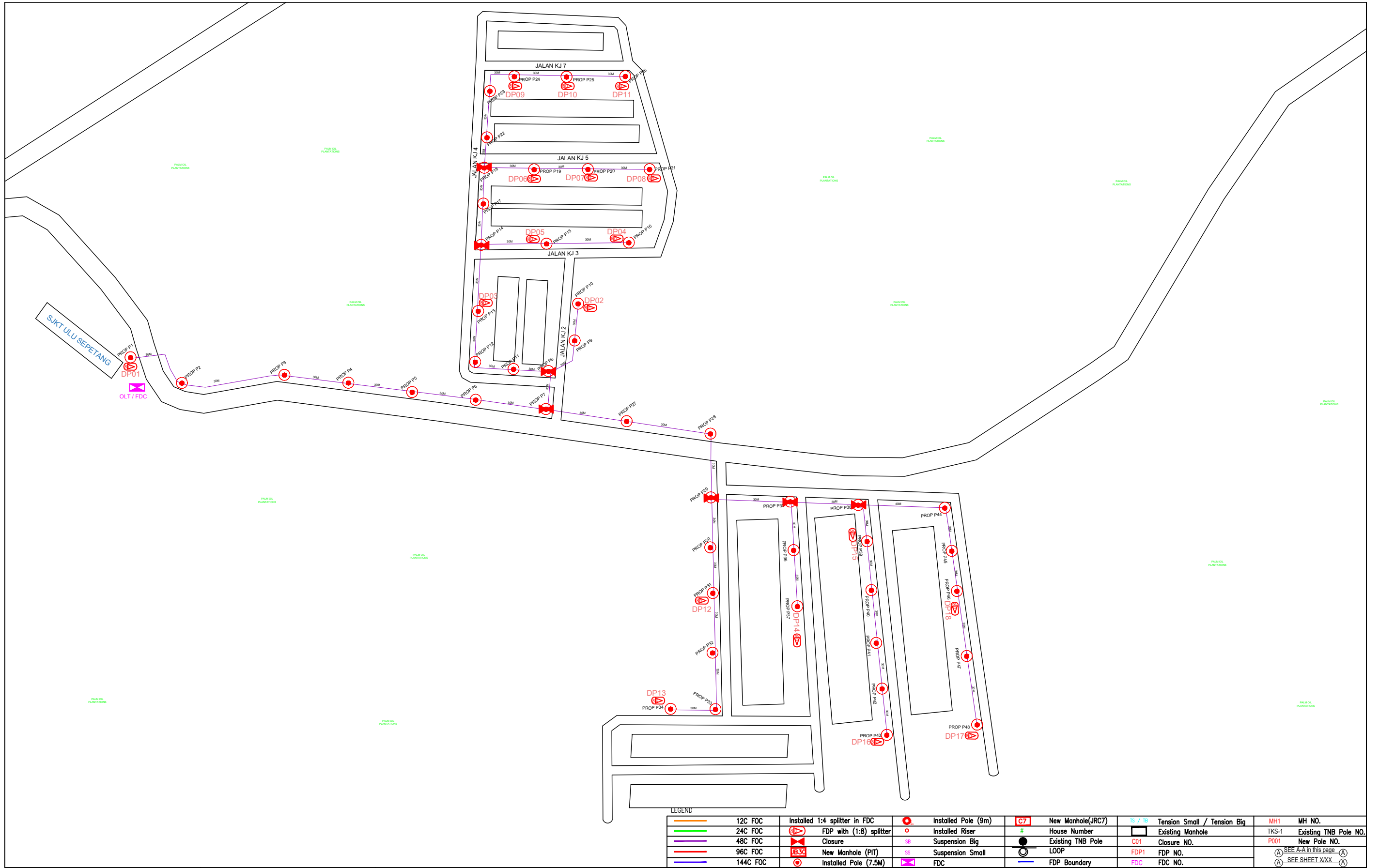
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6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Larut Matang	1530m



LEGEND	
	12C FOC
	24C FOC
	48C FOC
	96C FOC
	144C FOC
	Installed 1:4 splitter in FDC
	FDP with (1:8) splitter
	Closure
	New Manhole (PIT)
	Installed Pole (7.5M)
	Installed Pole (9m)
	Installed Riser
	Suspension Big
	Suspension Small
	FDC
	New Manhole(JRC7)
	House Number
	Existing TNB Pole
	LOOP
	FDP Boundary
	Tension Small / Tension Big
	Existing Manhole
	Closure NO.
	FDP NO.
	FDC NO.
	MH NO.
	Existing TNB Pole NO.
	New Pole NO.
	SEE A-A in this page
	SEE SHEET XXX

KEY PLAN :

PROJECT OWNER :



KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR



APEX COMMUNICATIONS SDN BHD



PRIVASAT

SUB-CONTRACTOR :



ARCHWAY

ARCHWAY MAPPING SERVICES SDN BHD
No 48 Jalan TU 39A, Taman Tasik Utama,
75450 Ayer Keroh, Melaka

Tel: 606-233 9165 Fax: 606-233 9162
Email : info@archwaymalaysia.com
Website : www.archwaymalaysia.com

PROJECT TITLE:

PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SJKT ULU SEPETANG) TO PREMISES PASS AREA

DRAWING TITLE:

SJKT ULU SEPETANG

PROJECT PHASE:

PROJECT PHASE

Design By : ENGINEER	Date : DATE
Drawn By : CAD ENGINEER	Scale : NTS
Checked By : ENGINEER	Job Number : JOB/NUMBER
DRAWING NUMBER : DRAWING/NUMBER	Sheet : 1/1
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LEGEND

12C FOC	Installed 1:4 splitter in FDC	Installed Pole (9m)	C7	New Manhole(JRC7)	TS / TB	Tension Small / Tension Big	MH1	MH NO.
24C FOC	FDP with (1:8) splitter	Installed Riser	#	House Number	TKS-1	Existing Manhole	TKS-1	Existing TNB Pole NO.
48C FOC	Closure	Suspension Big	●	Existing TNB Pole	C01	Closure NO.	P001	New Pole NO.
96C FOC	New Manhole (PIT)	Suspension Small	○	LOOP	FDP1	FDP NO.	①	SEE A-A in this page
144C FOC	Installed Pole (7.5M)	FDC	—	FDP Boundary	FDC	FDC NO.	②	SEE SHEET XXX

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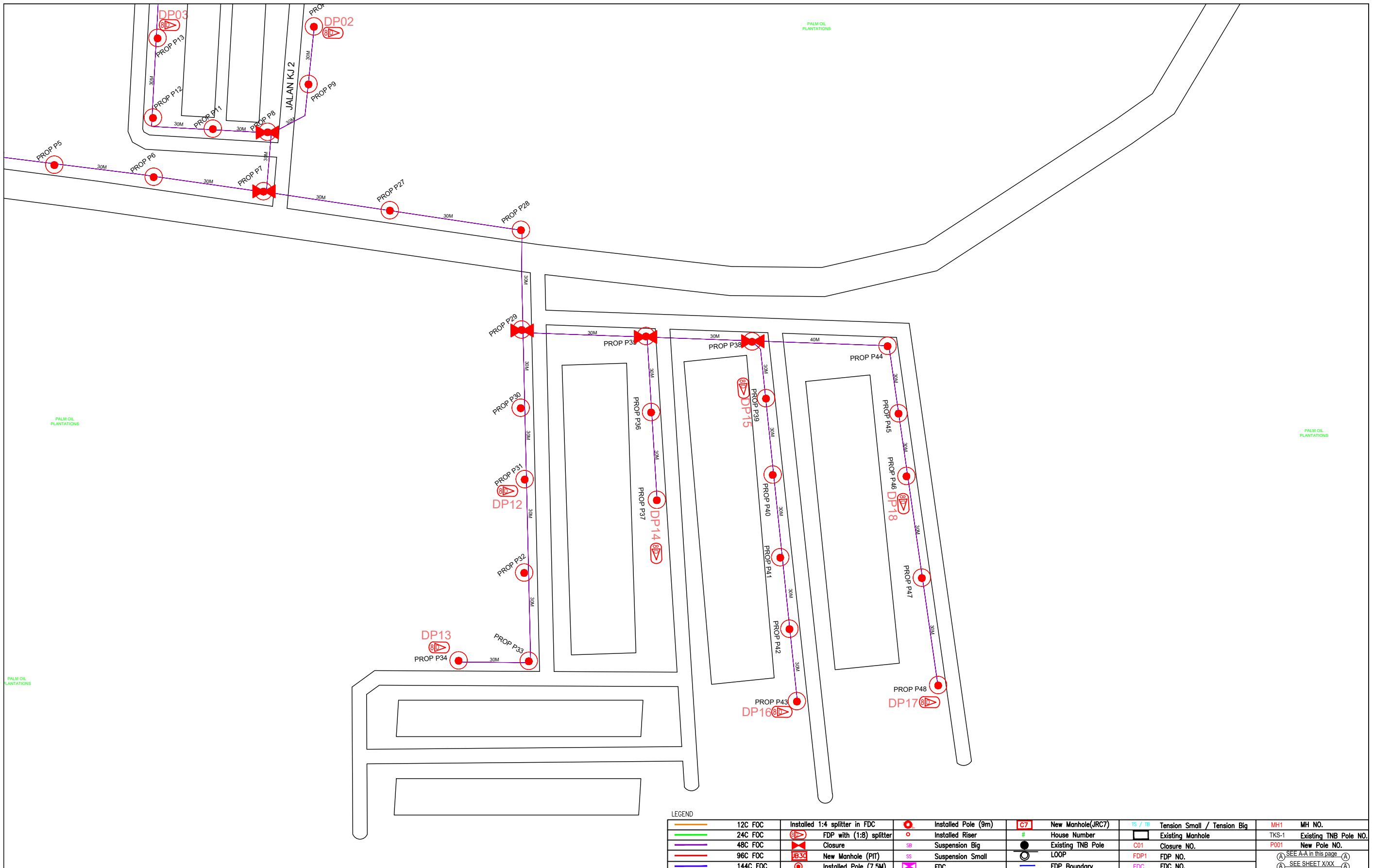
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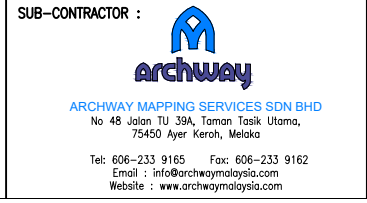
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LEGEND

	12C FOC		Installed 1:4 splitter in FDC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big		MH NO.
	24C FOC		FDP with (1:8) splitter		Installed Riser		House Number		Existing Manhole		Existing TNB Pole NO.
	48C FOC		Closure		Suspension Big		Existing TNB Pole		Closure NO.		New Pole NO.
	96C FOC		New Manhole (PIT)		Suspension Small		LOOP		FDP NO.		SEE A-A in this page
	144C FOC		Installed Pole (7.5M)		FDC		FDP Boundary		FDC NO.		SEE SHEET XXX

KEY PLAN :

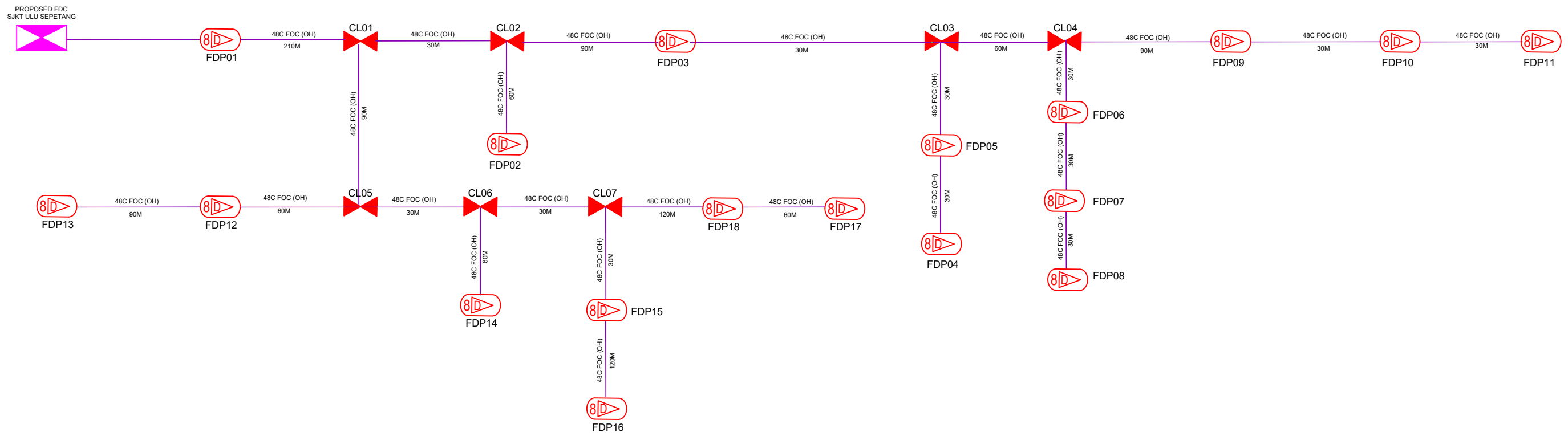


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AND OPTICAL FIBER CABLE
FROM POP (SJKT ULU SEPETANG)
TO PREMISES PASS AREA

DRAWING TITLE:
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LEGEND	
	12C FOC
	24C FOC
	48C FOC
	96C FOC
	144C FOC
	Installed 1:4 splitter in FDC
	FDP with (1:8) splitter
	Closure
	New Manhole (PIT)
	Installed Pole (7.5M)
	Installed Pole (9m)
	Installed Riser
	Suspension Big
	Suspension Small
	New Manhole(JRC7)
	House Number
	Existing TNB Pole
	LOOP
	FDC
	Tension Small / Tension Big
	Closure NO.
	FDP NO.
	FDC NO.
	MH NO.
	Existing TNB Pole NO.
	New Pole NO.
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DRAWING TITLE:
D-SIDE - SJKT ULU SEPETANG

PROJECT PHASE:
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