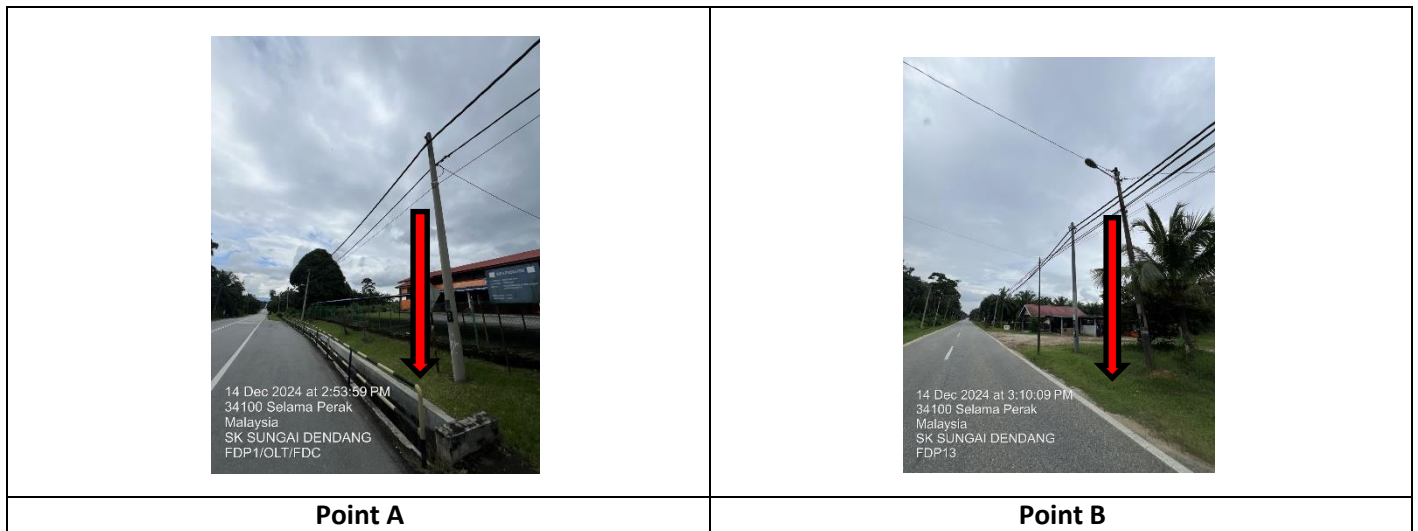


TECHNICAL PROPOSAL (POP2 ABA6038 SEKOLAH KEBANGSAAN SUNGAI DENDANG (D-SIDE))

Company Name : Archway Mapping Services Sdn. Bhd.
Company Address : No 48-1, Jalan TU39A, Ayer Keroh Melaka
Prepared By : Muhammad Adham
Date : 19/12/2024



Starting Point

Site / Boundary Name : SELAMA
 Address : SK SUNGAI DENDANG
 District : SELAMA
 Postcode : 34150
 State : PERAK
 GPS Coordinate : 5.169721, 100.707611
 LRD : A

End Point

Site / Boundary Name : SELAMA
 Address : JALAN KUBU GAJAH, PERAK
 District : SELAMA
 Postcode : 34150
 State : PERAK
 GPS Coordinate : 5.161719,100.722036
 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))



1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	101
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	6
4	Micro Trenching (MT)	m	0
Total			107

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	2785
2	Install New Pole	ea	74
3	Install New JRC7 Manhole	ea	2
4	Install GI Riser 100mm	m	12
5	Install Fiber Distribution Point	ea	13
6	Install Closure	ea	1
7	Estimated Time Required for Completion	days	21



PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
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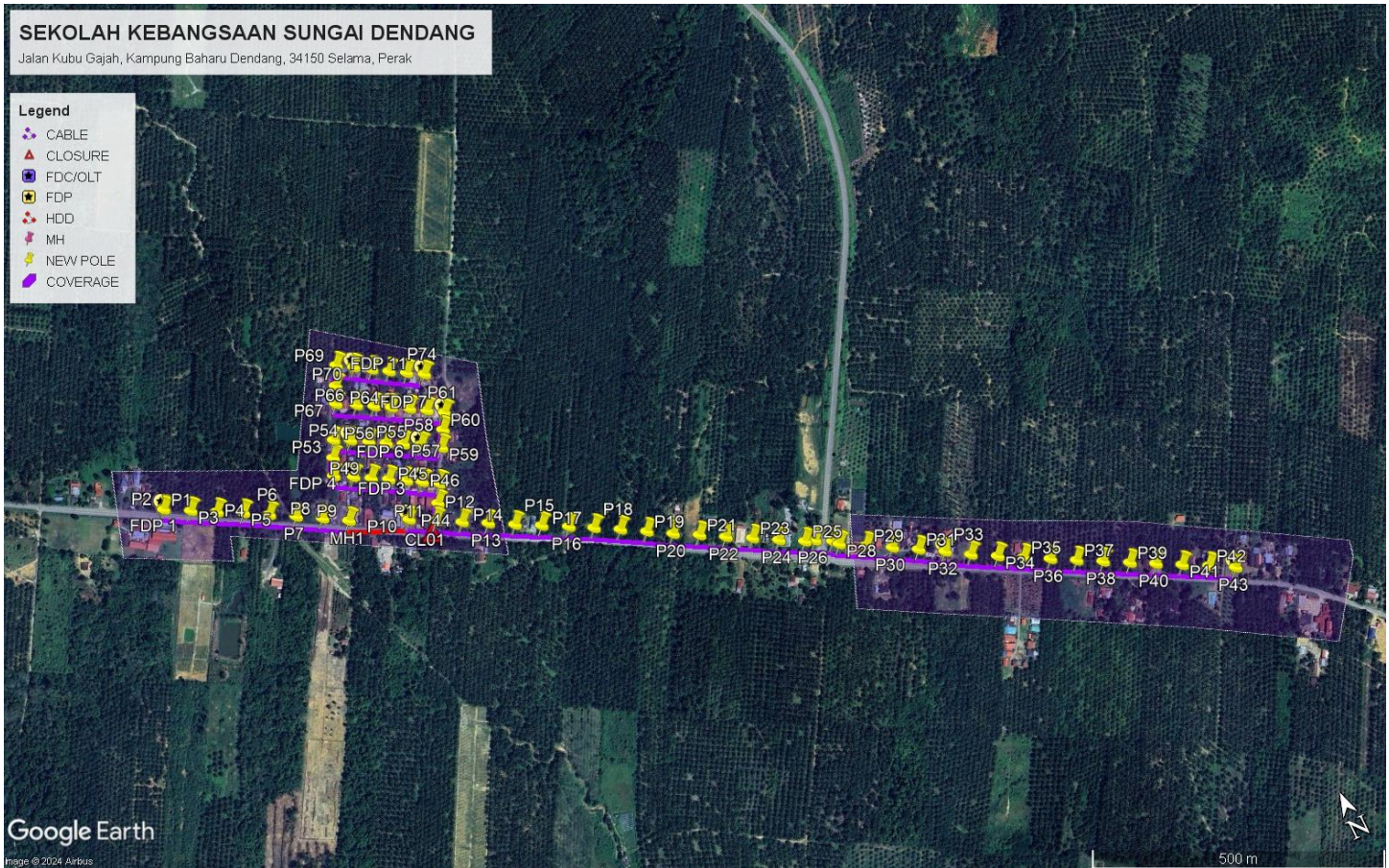
2.0 LOCAL AUTHORITY SUMMARY

Daerah Selama

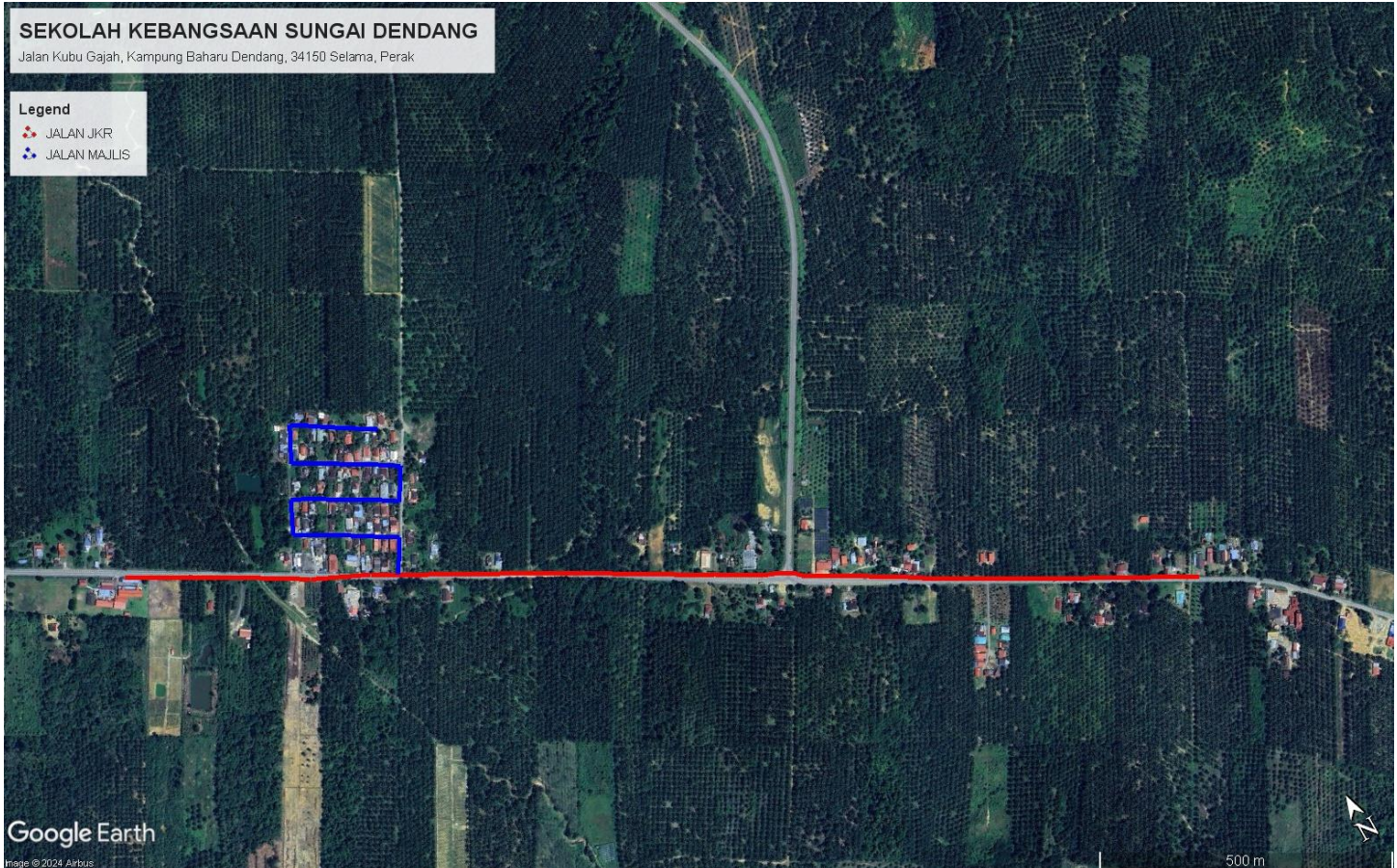
Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	1	107
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	43	1727m
		Majlis	31	951m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				2785m

3.0 SITE PLAN (KMZ)

3.1 Overview Site Area



3.2 Site Plan - KMZ Routing (All Local Authority)



Red Colour – JKR Road

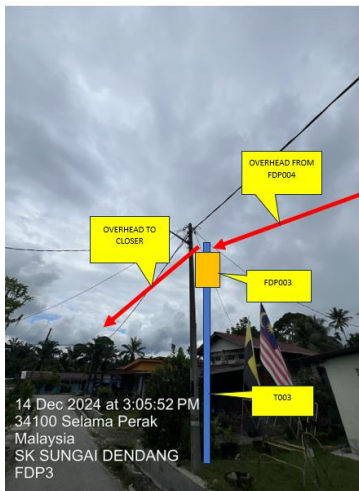
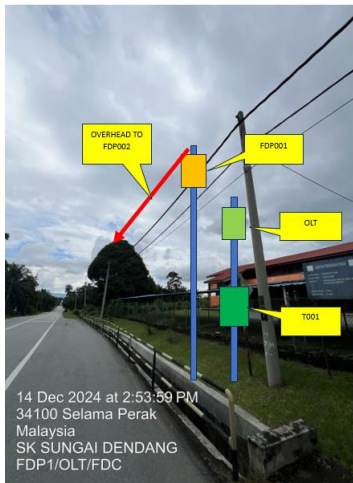
Blue Colour - Majlis Road

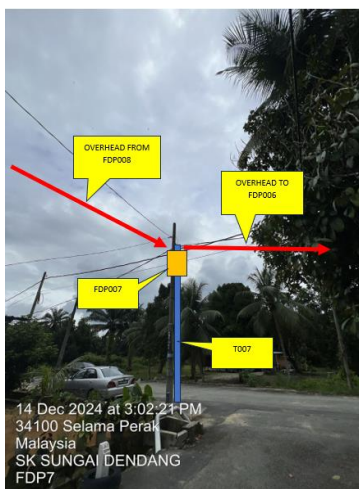
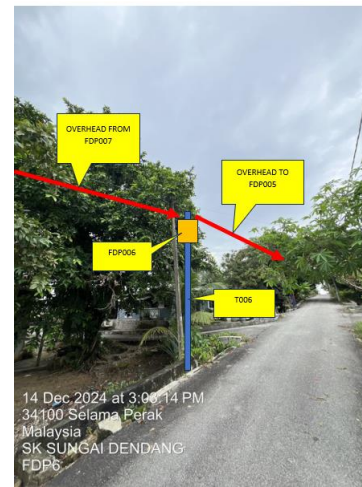
4.0 PROPOSED NEW POLE FDP

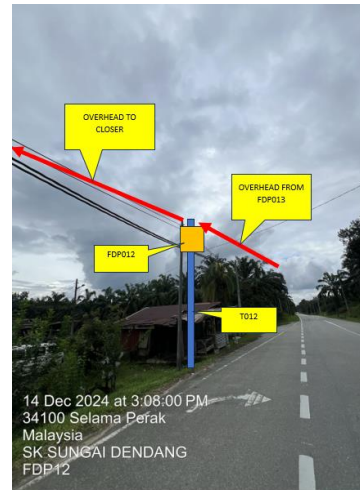
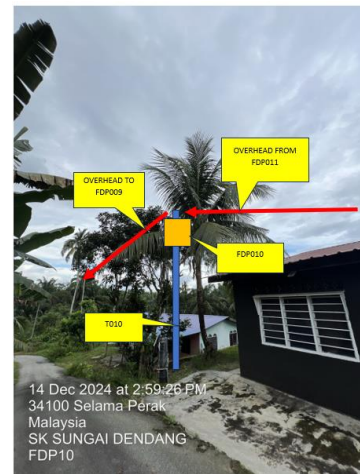
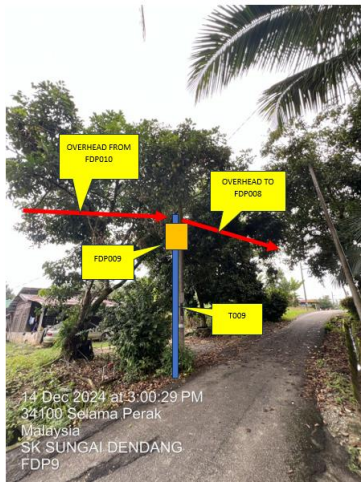
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	0	5.169721	100.707611	JKR Road
2	T002	45	5.169731	100.707618	JKR Road
3	T003	45	5.169523	100.707977	JKR Road
4	T004	45	5.169331	100.708333	JKR Road
5	T005	45	5.169140	100.708691	JKR Road
6	T006	45	5.168940	100.709037	JKR Road
7	T007	45	5.168735	100.709396	JKR Road
8	T008	45	5.168532	100.709748	JKR Road
9	T009	45	5.168322	100.710097	JKR Road
10	T010	45	5.167935	100.710937	JKR Road
11	T011	45	5.167737	100.711297	JKR Road
12	T012	45	5.167542	100.711652	JKR Road
13	T013	45	5.167352	100.712006	JKR Road
14	T014	45	5.167153	100.712366	JKR Road
15	T015	45	5.166961	100.712727	JKR Road
16	T016	45	5.166763	100.713097	JKR Road
17	T017	45	5.166576	100.713436	JKR Road
18	T018	45	5.166379	100.713790	JKR Road
19	T019	45	5.166171	100.714143	JKR Road
20	T020	45	5.165965	100.714490	JKR Road
21	T021	45	5.165770	100.714845	JKR Road
22	T022	45	5.165567	100.715197	JKR Road
23	T023	45	5.165370	100.715558	JKR Road
24	T024	45	5.165166	100.715908	JKR Road
25	T025	45	5.164974	100.716259	JKR Road
26	T026	45	5.164919	100.716405	JKR Road
27	T027	45	5.164787	100.716643	JKR Road
28	T028	45	5.164706	100.716714	JKR Road
29	T029	45	5.164502	100.717079	JKR Road
30	T030	45	5.164301	100.717428	JKR Road
31	T031	45	5.164099	100.717776	JKR Road
32	T032	45	5.163839	100.718129	JKR Road
33	T033	45	5.163676	100.718464	JKR Road
34	T034	45	5.163475	100.718826	JKR Road
35	T035	45	5.163280	100.719176	JKR Road
36	T036	45	5.163082	100.719535	JKR Road
37	T037	45	5.162887	100.719889	JKR Road
38	T038	45	5.162693	100.720246	JKR Road

39	T039	45	5.162495	100.720607	JKR Road
40	T040	45	5.162306	100.720960	JKR Road
41	T041	45	5.162115	100.721316	JKR Road
42	T042	45	5.161919	100.721680	JKR Road
43	T043	45	5.161719	100.722036	JKR Road
44	T044	45	5.167964	100.711446	Majlis Daerah Road
45	T045	45	5.168222	100.711602	Majlis Daerah Road
46	T046	45	5.168363	100.711373	Majlis Daerah Road
47	T047	45	5.168488	100.711161	Majlis Daerah Road
48	T048	45	5.168626	100.710927	Majlis Daerah Road
49	T049	45	5.168758	100.710692	Majlis Daerah Road
50	T050	45	5.168892	100.710457	Majlis Daerah Road
51	T051	45	5.169040	100.710190	Majlis Daerah Road
52	T052	45	5.169292	100.710302	Majlis Daerah Road
53	T053	45	5.169534	100.710429	Majlis Daerah Road
54	T054	45	5.169418	100.710661	Majlis Daerah Road
55	T055	45	5.169276	100.710905	Majlis Daerah Road
56	T056	45	5.169139	100.711136	Majlis Daerah Road
57	T057	45	5.169010	100.711366	Majlis Daerah Road
58	T058	45	5.168877	100.711601	Majlis Daerah Road
59	T059	45	5.168706	100.711867	Majlis Daerah Road
60	T060	45	5.168942	100.712010	Majlis Daerah Road
61	T061	45	5.169166	100.712149	Majlis Daerah Road
62	T062	45	5.169317	100.711919	Majlis Daerah Road
63	T063	45	5.169457	100.711691	Majlis Daerah Road
64	T064	45	5.169594	100.711449	Majlis Daerah Road
65	T065	45	5.169729	100.711217	Majlis Daerah Road
66	T066	45	5.169863	100.710981	Majlis Daerah Road
67	T067	45	5.160018	100.710704	Majlis Daerah Road
68	T068	45	5.160266	100.710821	Majlis Daerah Road
69	T069	45	5.170546	100.710968	Majlis Daerah Road
70	T070	45	5.170402	100.711200	Majlis Daerah Road
71	T071	45	5.170250	100.711430	Majlis Daerah Road
72	T072	45	5.170109	100.711659	Majlis Daerah Road
73	T073	45	5.169969	100.711893	Majlis Daerah Road
74	T074	45	5.169831	100.712127	Majlis Daerah Road

5.0 SITE PHOTOS - PROPOSED NEW POLE









PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
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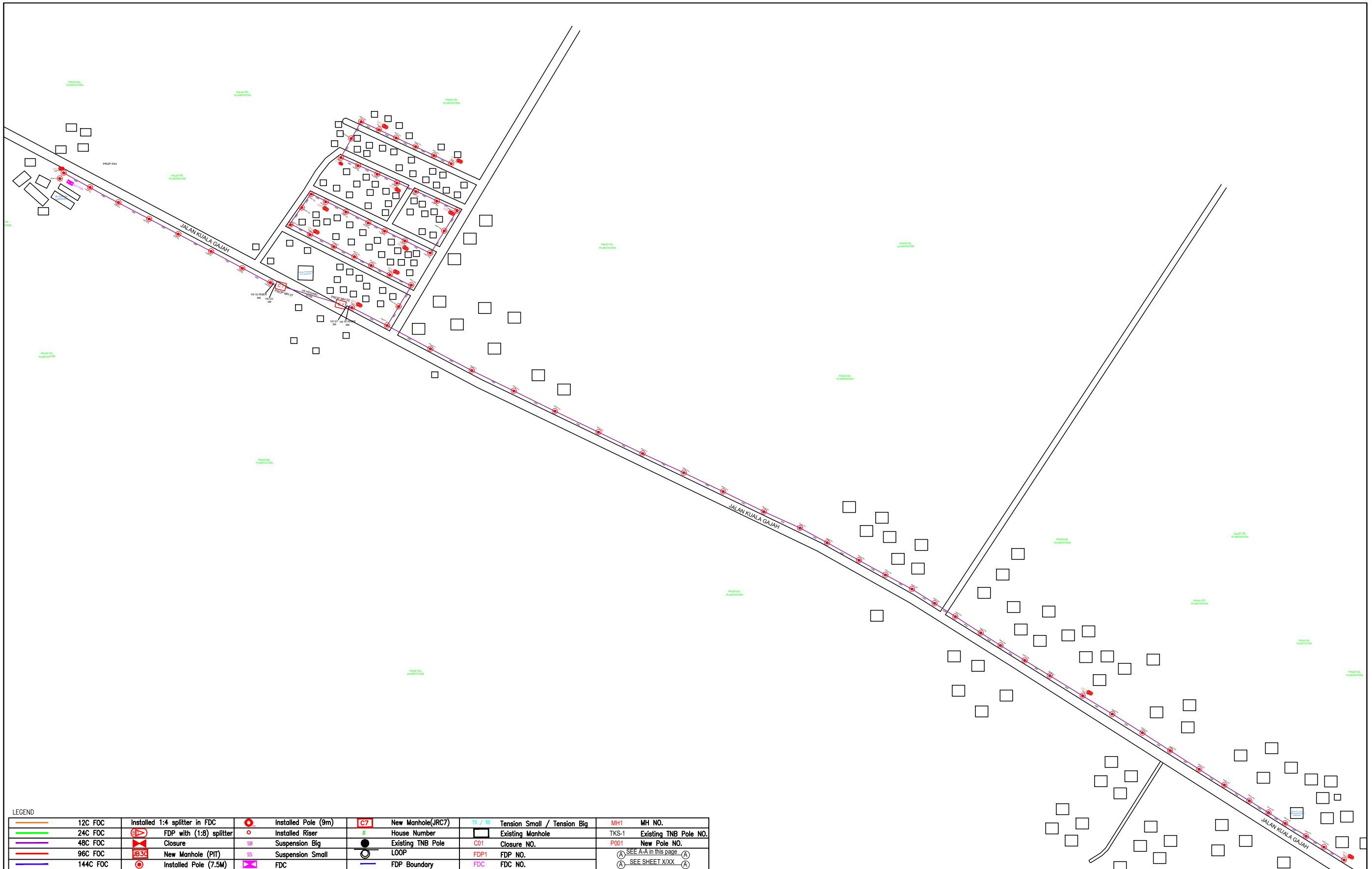


PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN
SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI
SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA
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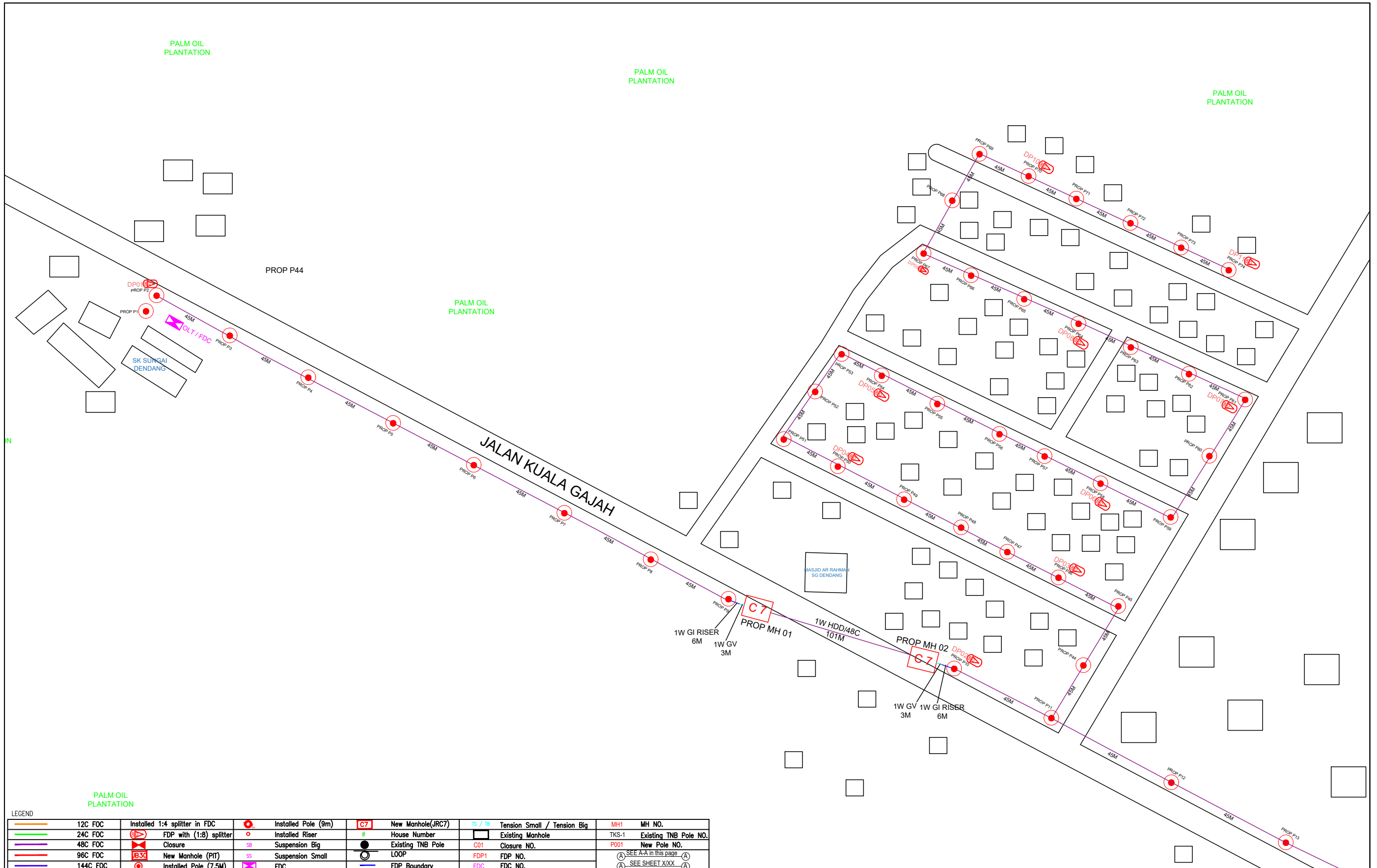
6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Selama	2785m



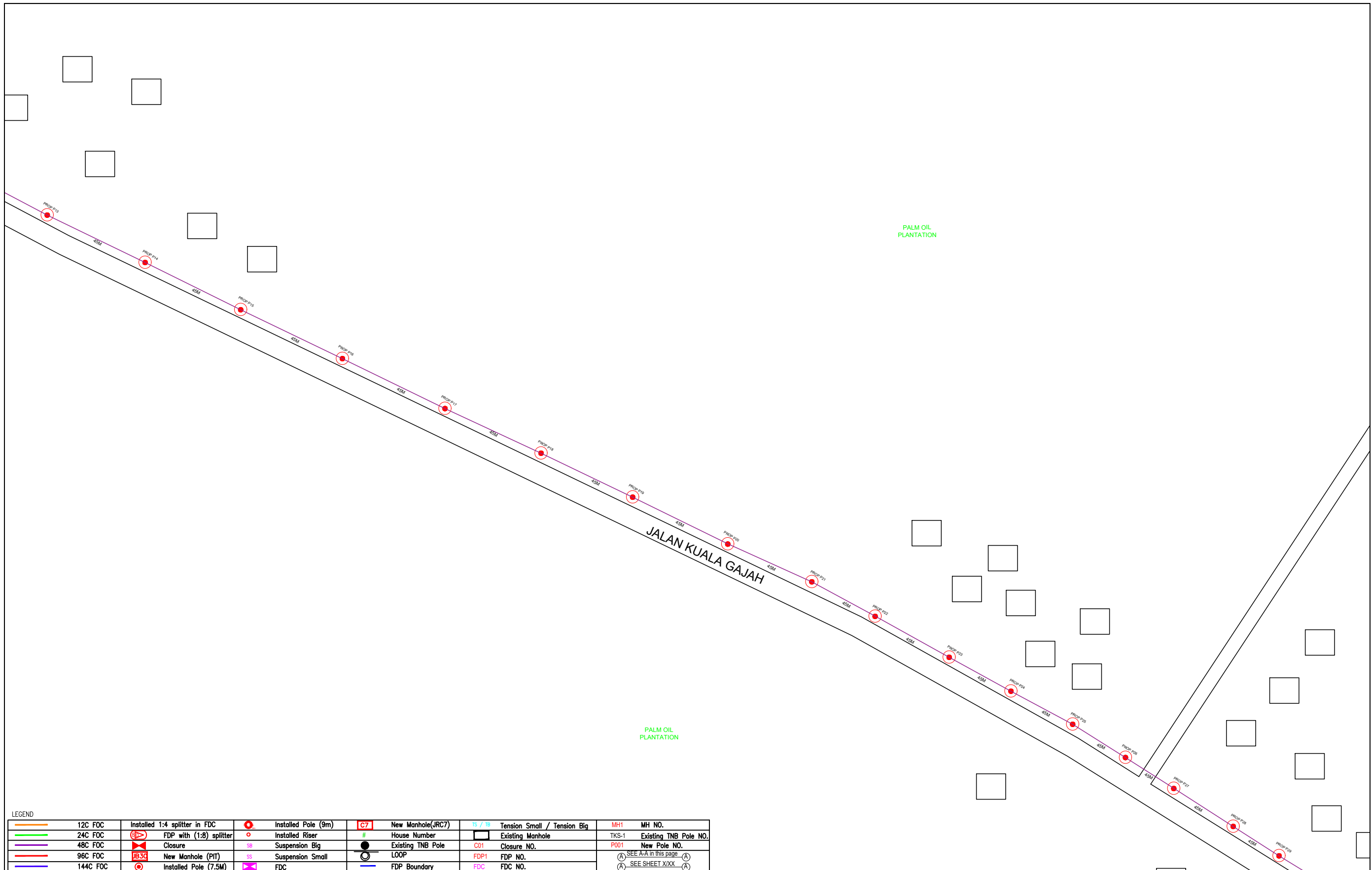
LEGEND										
12C FOC	Installed 1:4 splitter in FDC	Installed Pole (9m)	New Manhole(JRC7)	TS / TB	Tension Small / Tension Big	MH1	MH NO.			
24C FOC	FDP with (1:8) splitter	Installed Riser	#	House Number	Existing Manhole	TKS-1	Existing TNB Pole NO.			
48C FOC	Closure	Suspension Big	●	Existing TNB Pole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

KEY PLAN :	PROJECT OWNER :  KEMENTERIAN KOMUNIKASI DAN DIGITAL	MAIN CONTRACTOR  PRIVASAT	SUB-CONTRACTOR :  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 (SK SUNGAI DENDANG) TO PREMISES PASS AREA	DRAWING TITLE: SK SUNGAI DENDANG	Design By : ENGINEER	Date : DATE	
					PROJECT PHASE: PROJECT PHASE	Drawn By : CAD ENGINEER	Scale : NTS	Checked By : ENGINEER
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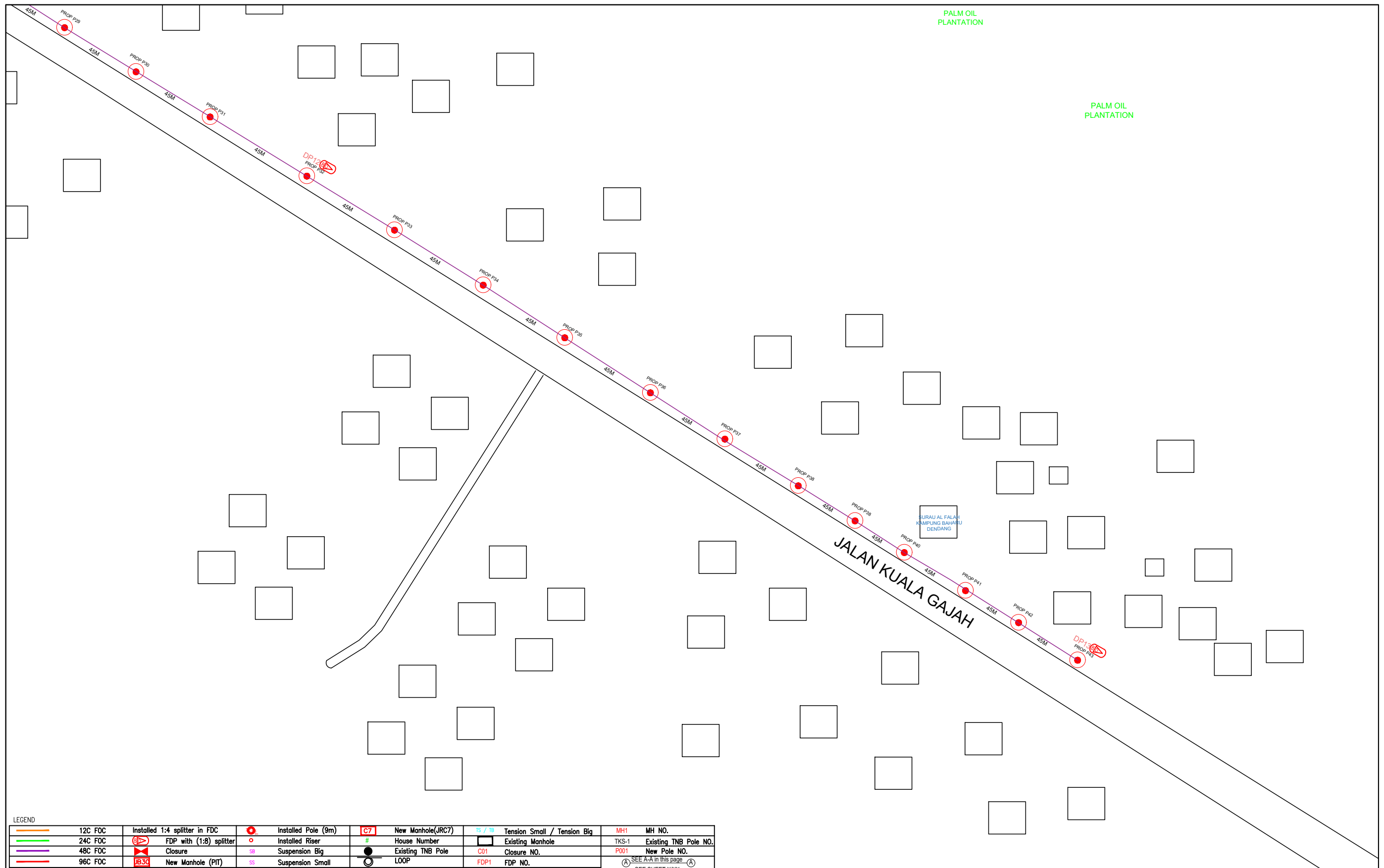
LEGEND	
	12C FOC
	24C FOC
	48C FOC
	96C FOC
	144C FOC
	Installed 1:4 splitter in FDC
	FDP with (1:8) splitter
	Closure
	New Manhole (PIT)
	Installed Pole (7.5M)
	Installed Pole (9m)
	Installed Riser
	Suspension Big
	Suspension Small
	FDC
	New Manhole (JRC7)
	House Number
	Existing TNB Pole
	LOOP
	FDP Boundary
	Tension Small / Tension Big
	Existing Manhole
	Closure NO.
	FDP NO.
	FDC NO.
	MH1
	MH NO.
	TKS-1
	Existing TNB Pole NO.
	New Pole NO.
	SEE A-A in this page
	SEE SHEET XXX

KEY PLAN :	PROJECT OWNER : 	MAIN CONTRACTOR : PRIVASAT	SUB-CONTRACTOR : 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: PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK SUNGAI DENDANG) TO PREMISES PASS AREA	DRAWING TITLE: SK SUNGAI DENDANG	Design By : ENGINEER	Date : DATE
					PROJECT PHASE: PROJECT PHASE	Drawn By : CAD ENGINEER	Scale : NTS
Checked By : ENGINEER						Job Number : JOB/NUMBER	Sheet : 1/3
DRAWING NUMBER :						DRAWING/NUMBER	
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LEGEND							
	12C FOC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big
	24C FOC		Installed Pole (7.5M)		House Number		Existing Manhole
	48C FOC		Installed Pole (7.5M)		Existing TNB Pole		Closure NO.
	96C FOC		Installed Pole (7.5M)		LOOP		FDP NO.
	144C FOC		Installed Pole (7.5M)		FDP Boundary		FDC NO.
	Installed 1:4 splitter in FDC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big
	FDP with (1:8) splitter		Installed Pole (9m)		House Number		Existing Manhole
	Closure		Installed Pole (9m)		Existing TNB Pole		Closure NO.
	New Manhole (PIT)		Installed Pole (9m)		LOOP		FDP NO.
	Installed Pole (7.5M)		Installed Pole (9m)		FDP Boundary		FDC NO.
	Installed Pole (7.5M)		Installed Pole (9m)		FDP Boundary		FDC NO.

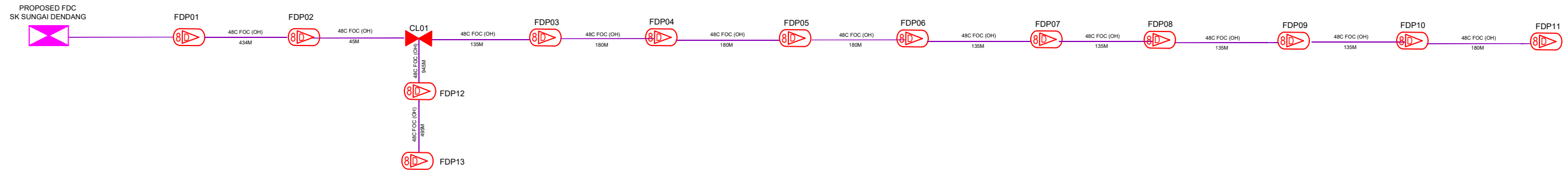
KEY PLAN :	PROJECT OWNER : 	MAIN CONTRACTOR : 	SUB-CONTRACTOR : ARCHWAY MAPPING SERVICES SDN BHD No 48 Jalan TU 39A, Taman Tasik Utama, 75450 Ayer Keroh, Melaka Tel: 606-233 9165 Fax: 606-233 9162 Email : info@archwaymalaysia.com Website : www.archwaymalaysia.com	PROJECT TITLE: PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK SUNGAI DENDANG) TO PREMISES PASS AREA	DRAWING TITLE: SK SUNGAI DENDANG	Design By : ENGINEER Date : DATE
					PROJECT PHASE: PROJECT PHASE	Drawn By : CAD ENGINEER Scale : NTS
						Checked By : ENGINEER Job Number : JOB/NUMBER
						DRAWING NUMBER : DRAWING/NUMBER
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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	Existing Manhole		TKS-1	Existing TNB Pole NO.
48C FOC	Closure	Suspension Big	SB	Existing TNB Pole	C01	Closure NO.	P001	New Pole NO.
96C FOC	New Manhole (PIT)	Suspension Small	SS	LOOP	FDP1	FDP NO.	(A)	SEE A-A IN THIS PAGE
144C FOC	Installed Pole (7.5M)	FDC	◀▶	FDP Boundary	FDC	FDC NO.	(A)	SEE SHEET X/XX

KEY PLAN :	PROJECT OWNER : 	MAIN CONTRACTOR : PRIVASAT	SUB-CONTRACTOR : 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: PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK SUNGAI DENDANG) TO PREMISES PASS AREA	DRAWING TITLE: SK SUNGAI DENDANG	Design By : ENGINEER Date : DATE
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						Checked By : ENGINEER Job Number : JOB/NUMBER
						DRAWING NUMBER : DRAWING/NUMBER
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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 :	PROJECT OWNER : 	MAIN CONTRACTOR 	SUB-CONTRACTOR : 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: PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK SUNGAI DENDANG)TO PREMISES PASS AREA	DRAWING TITLE: D-SIDE – SK SUNGAI DENDANG	Design By : ENGINEER	Date : DATE	
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