



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 ABA6049 SEKOLAH KEBANGSAAN SUNGAI ARA (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 : BATU KURAU
Address : SK SUNGAI ARA
District : SELAMA
Postcode : 34520
State : PERAK
GPS Coordinate : 5.073533, 100.824367
LRD : A

End Point

Site / Boundary Name : BATU KURAU
Address : KAMPUNG SUNGAI ARA, PERAK
District : SELAMA
Postcode : 34520
State : PERAK
GPS Coordinate : 5.071739,100.811400
LRD : B



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1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	121
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	6
4	Micro Trenching (MT)	m	0
Total			127

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	3047
2	Install New Pole	ea	67
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

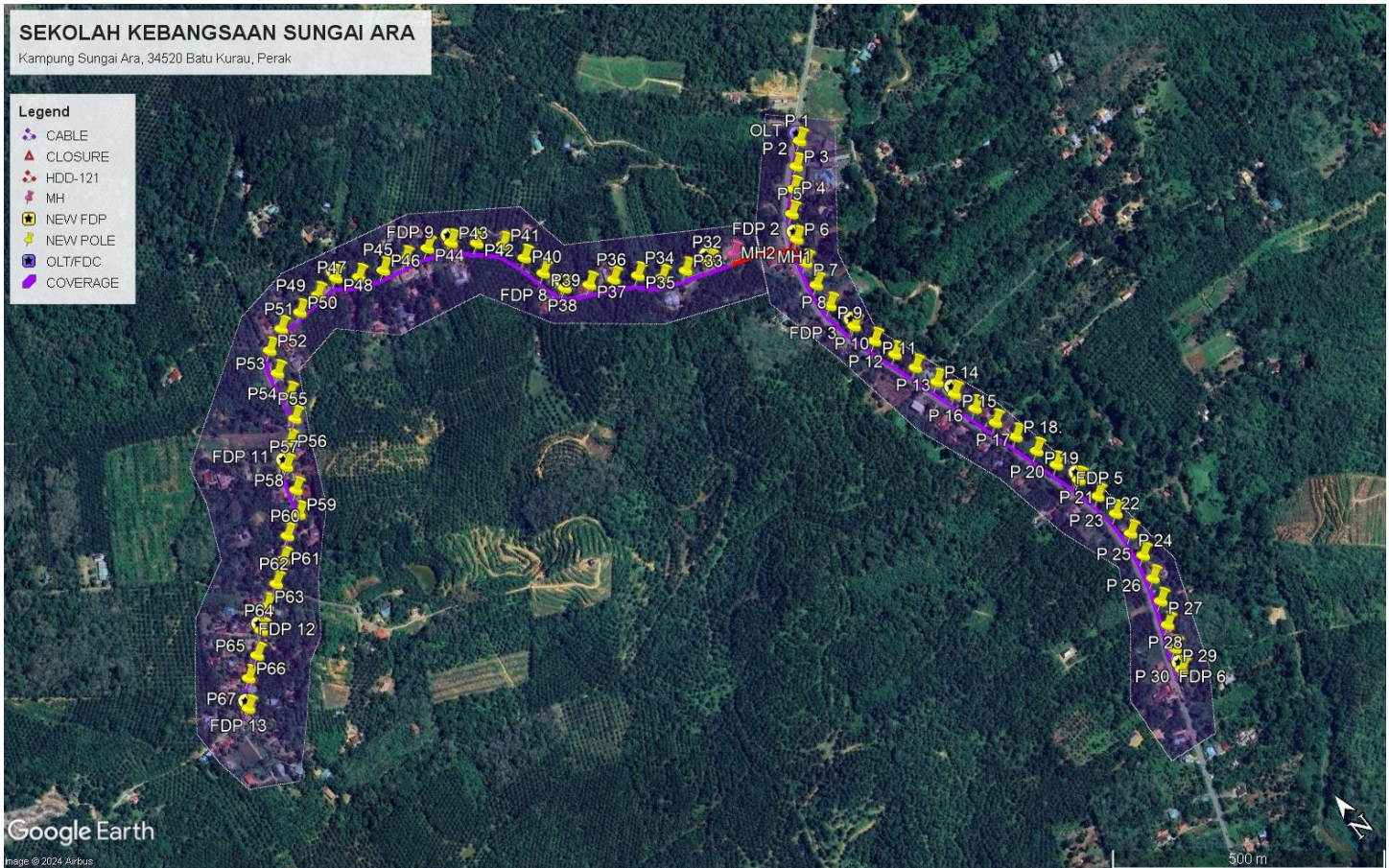
2.0 LOCAL AUTHORITY SUMMARY

Daerah Selama

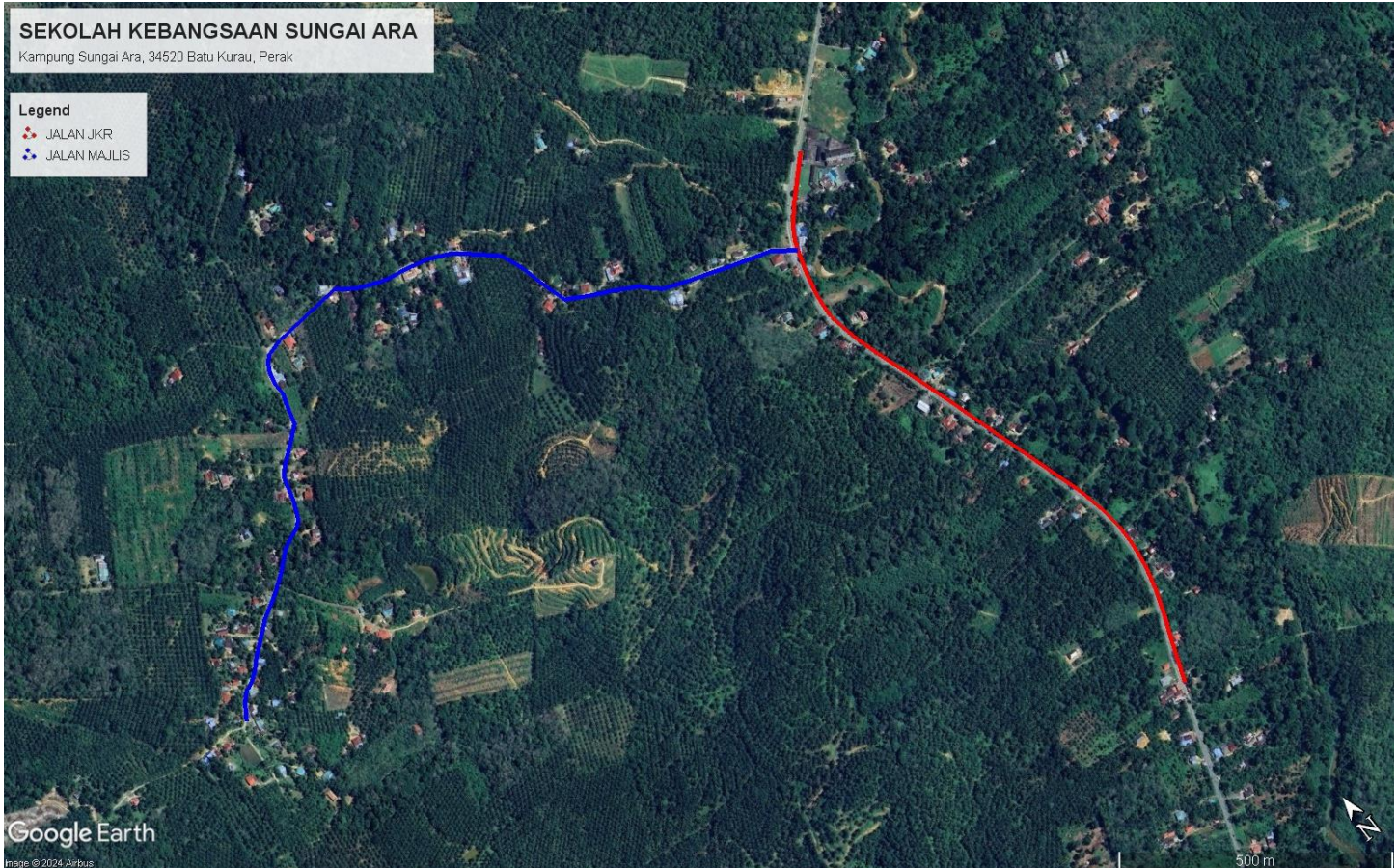
Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	1	127
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	30	1274m
		Majlis	37	1646m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				3047m

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	5.073533	100.824367	JKR Road
2	T002	45	5.073525	100.824359	JKR Road
3	T003	45	5.073233	100.824065	JKR Road
4	T004	45	5.072965	100.823798	JKR Road
5	T005	45	5.072661	100.823525	JKR Road
6	T006	45	5.072283	100.823331	JKR Road
7	T007	45	5.071883	100.823208	JKR Road
8	T008	45	5.071488	100.823122	JKR Road
9	T009	45	5.071083	100.823087	JKR Road
10	T010	45	5.070571	100.823196	JKR Road
11	T011	45	5.070170	100.823313	JKR Road
12	T012	45	5.069790	100.823444	JKR Road
13	T013	45	5.069410	100.823576	JKR Road
14	T014	45	5.069007	100.823709	JKR Road
15	T015	45	5.068671	100.823817	JKR Road
16	T016	45	5.068274	100.823939	JKR Road
17	T017	45	5.067884	100.824063	JKR Road
18	T018	45	5.067494	100.824185	JKR Road
19	T019	45	5.067099	100.824312	JKR Road
20	T020	45	5.066717	100.824430	JKR Road
21	T021	45	5.066296	100.824268	JKR Road
22	T022	45	5.065891	100.824649	JKR Road
23	T023	45	5.065484	100.824709	JKR Road
24	T024	45	5.065076	100.824702	JKR Road
25	T025	45	5.064662	100.824641	JKR Road
26	T026	45	5.064265	100.824536	JKR Road
27	T027	45	5.063890	100.824405	JKR Road
28	T028	45	5.063510	100.824252	JKR Road
29	T029	45	5.063128	100.824107	JKR Road
30	T030	45	5.062790	100.823984	JKR Road
31	T031	45	5.072730	100.822349	Majlis Daerah Road
32	T032	45	5.072873	100.821956	Majlis Daerah Road
33	T033	45	5.072999	100.821561	Majlis Daerah Road
34	T034	45	5.073146	100.821180	Majlis Daerah Road
35	T035	45	5.073419	100.820888	Majlis Daerah Road
36	T036	45	5.073614	100.820530	Majlis Daerah Road
37	T037	45	5.073791	100.820159	Majlis Daerah Road
38	T038	45	5.073999	100.819804	Majlis Daerah Road

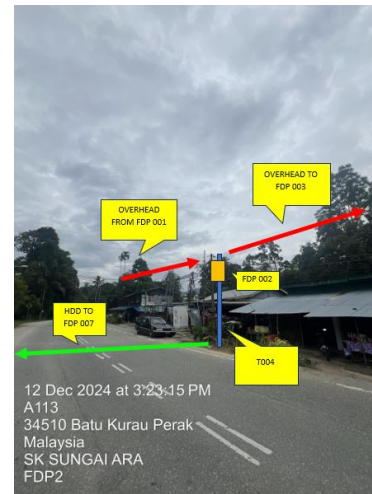


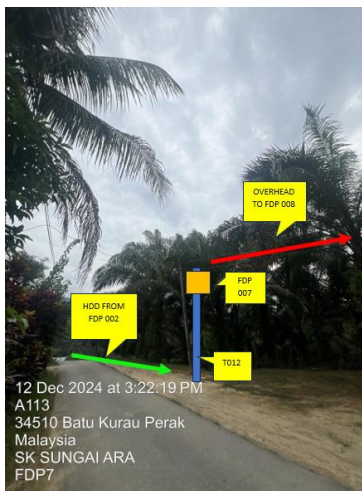
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39	T039	45	5.074409	100.819676	Majlis Daerah Road
40	T040	45	5.074799	100.819584	Majlis Daerah Road
41	T041	45	5.075184	100.819433	Majlis Daerah Road
42	T042	45	5.075472	100.819112	Majlis Daerah Road
43	T043	45	5.075739	100.818781	Majlis Daerah Road
44	T044	45	5.075908	100.818414	Majlis Daerah Road
45	T045	45	5.075991	100.818010	Majlis Daerah Road
46	T046	45	5.076067	100.817614	Majlis Daerah Road
47	T047	45	5.076228	100.817229	Majlis Daerah Road
48	T048	45	5.076447	100.816917	Majlis Daerah Road
49	T049	45	5.076409	100.816507	Majlis Daerah Road
50	T050	45	5.076366	100.816101	Majlis Daerah Road
51	T051	45	5.076340	100.815686	Majlis Daerah Road
52	T052	45	5.076175	100.815317	Majlis Daerah Road
53	T053	45	5.075801	100.815186	Majlis Daerah Road
54	T054	45	5.075398	100.815123	Majlis Daerah Road
55	T055	45	5.075035	100.814953	Majlis Daerah Road
56	T056	45	5.074780	100.814643	Majlis Daerah Road
57	T057	45	5.074497	100.814355	Majlis Daerah Road
58	T058	45	5.074096	100.814242	Majlis Daerah Road
59	T059	45	5.073750	100.814035	Majlis Daerah Road
60	T060	45	5.073587	100.813664	Majlis Daerah Road
61	T061	45	5.073318	100.813367	Majlis Daerah Road
62	T062	45	5.073078	100.813030	Majlis Daerah Road
63	T063	45	5.072878	100.812680	Majlis Daerah Road
64	T064	45	5.072621	100.812361	Majlis Daerah Road
65	T065	45	5.072340	100.812054	Majlis Daerah Road
66	T066	45	5.072130	100.811711	Majlis Daerah Road
67	T067	45	5.071739	100.811400	Majlis Daerah Road

5.0 SITE PHOTOS - PROPOSED NEW POLE

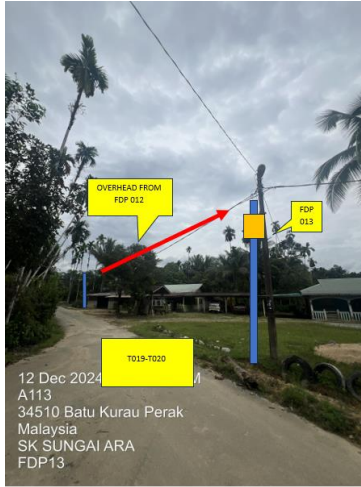








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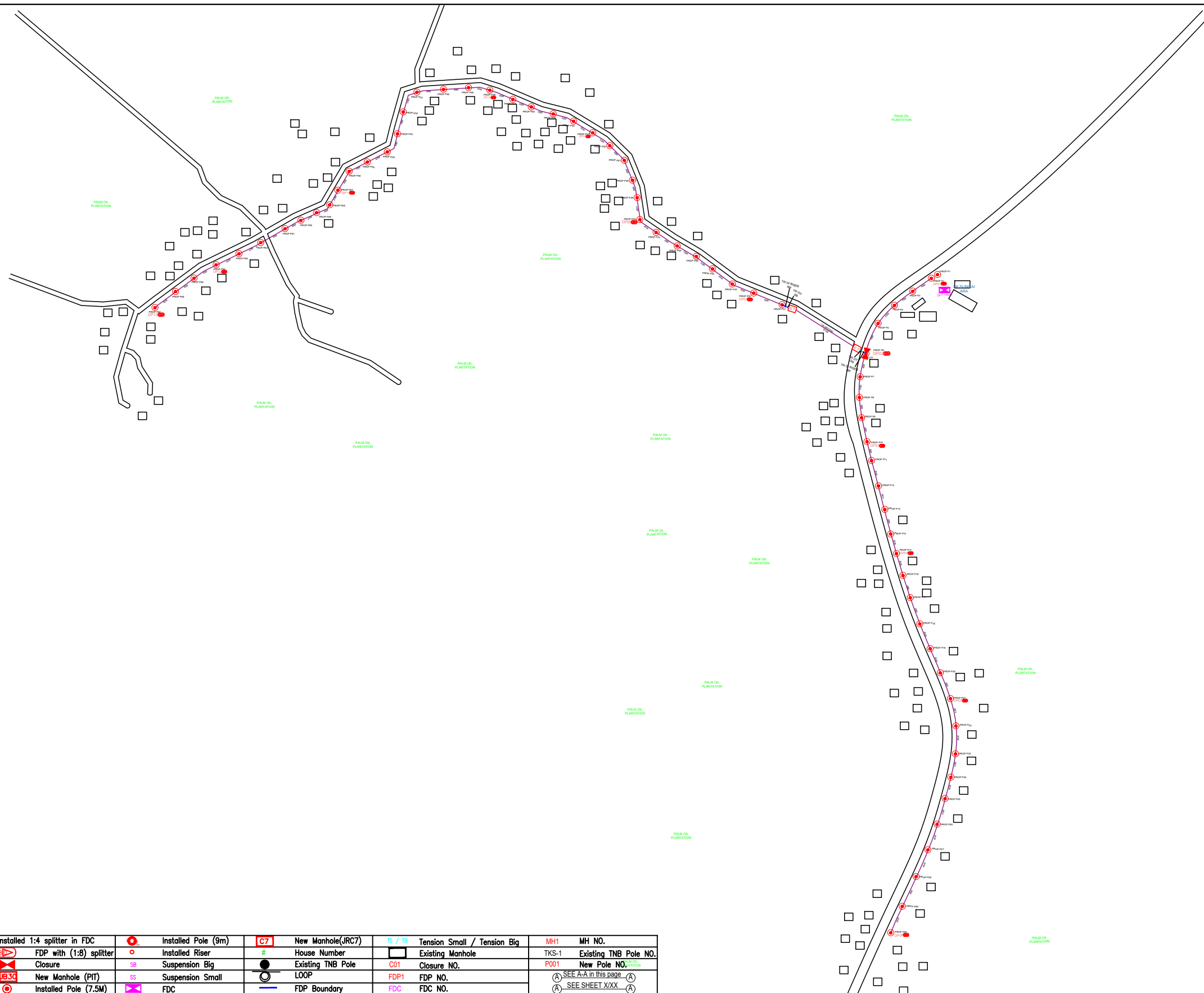


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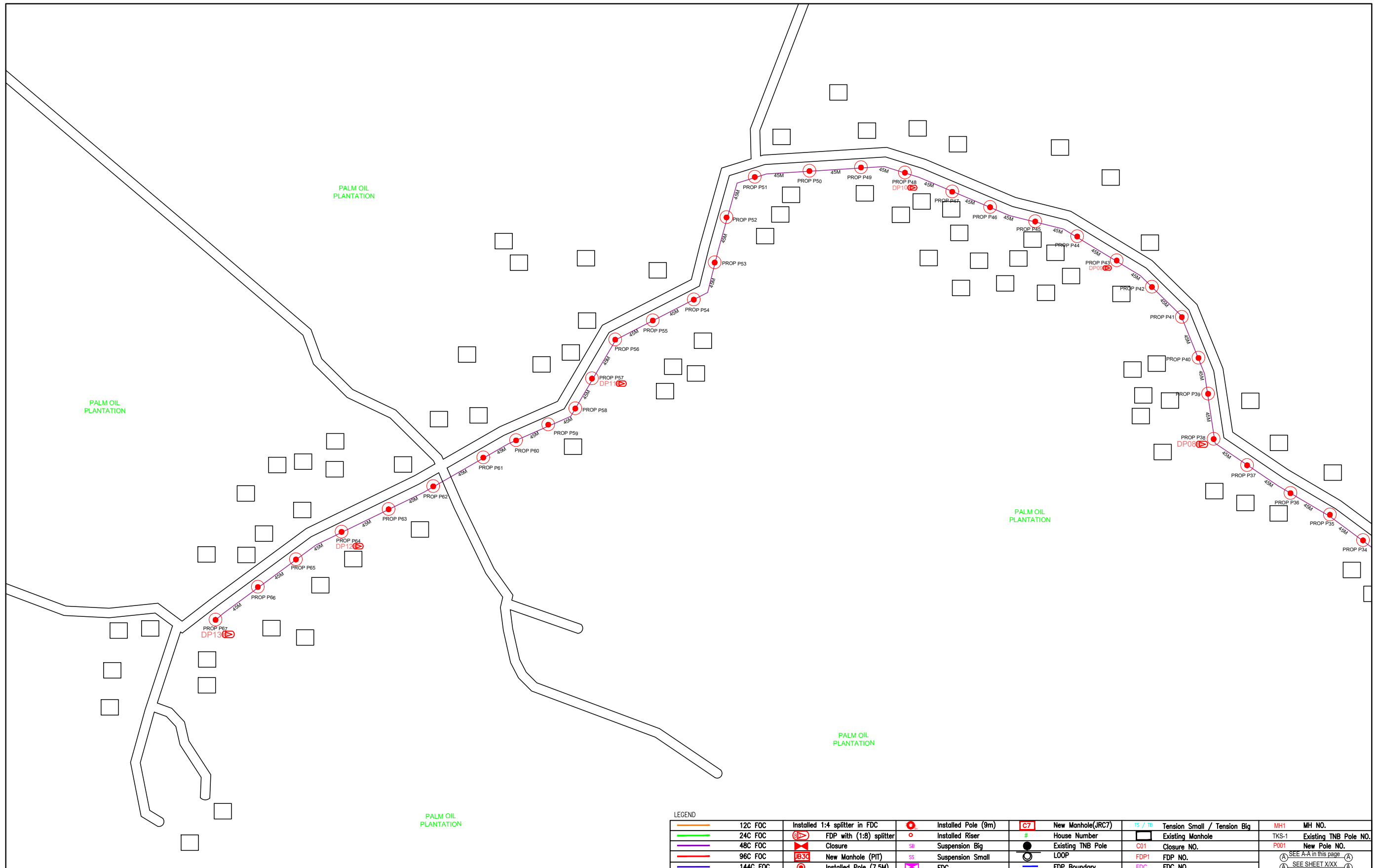


6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Selama	3047m

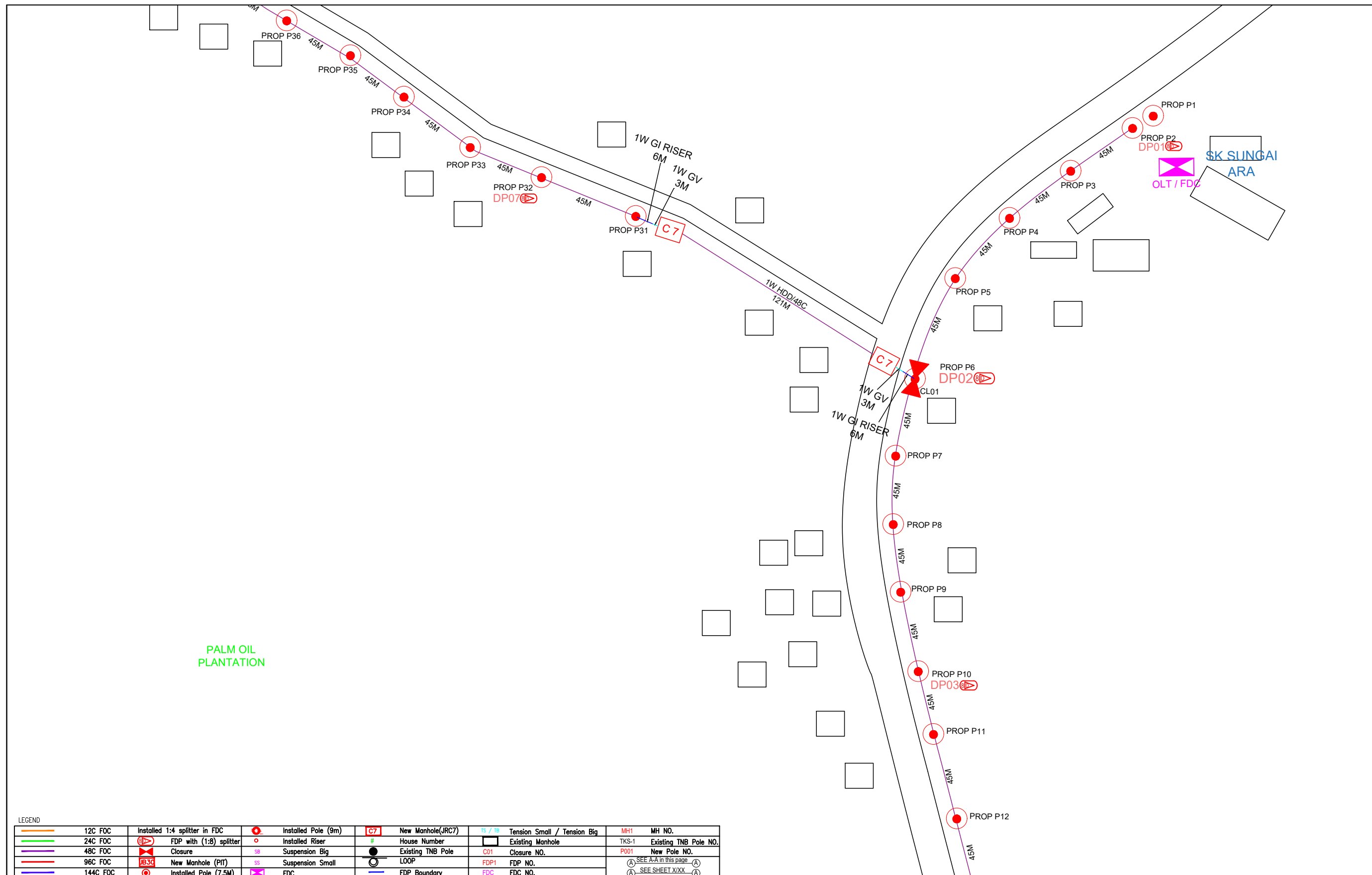


KEY PLAN :	PROJECT OWNER :	MAIN CONTRACTOR :	SUB-CONTRACTOR :	PROJECT TITLE:	DRAWING TITLE:	Design By : ENGINEER	Date : DATE
				PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK SUNGAI ARA) TO PREMISES PASS AREA	SK SUNGAI ARA	Drawn By : CAD ENGINEER	Scale : NTS
			No 48 Jalan TU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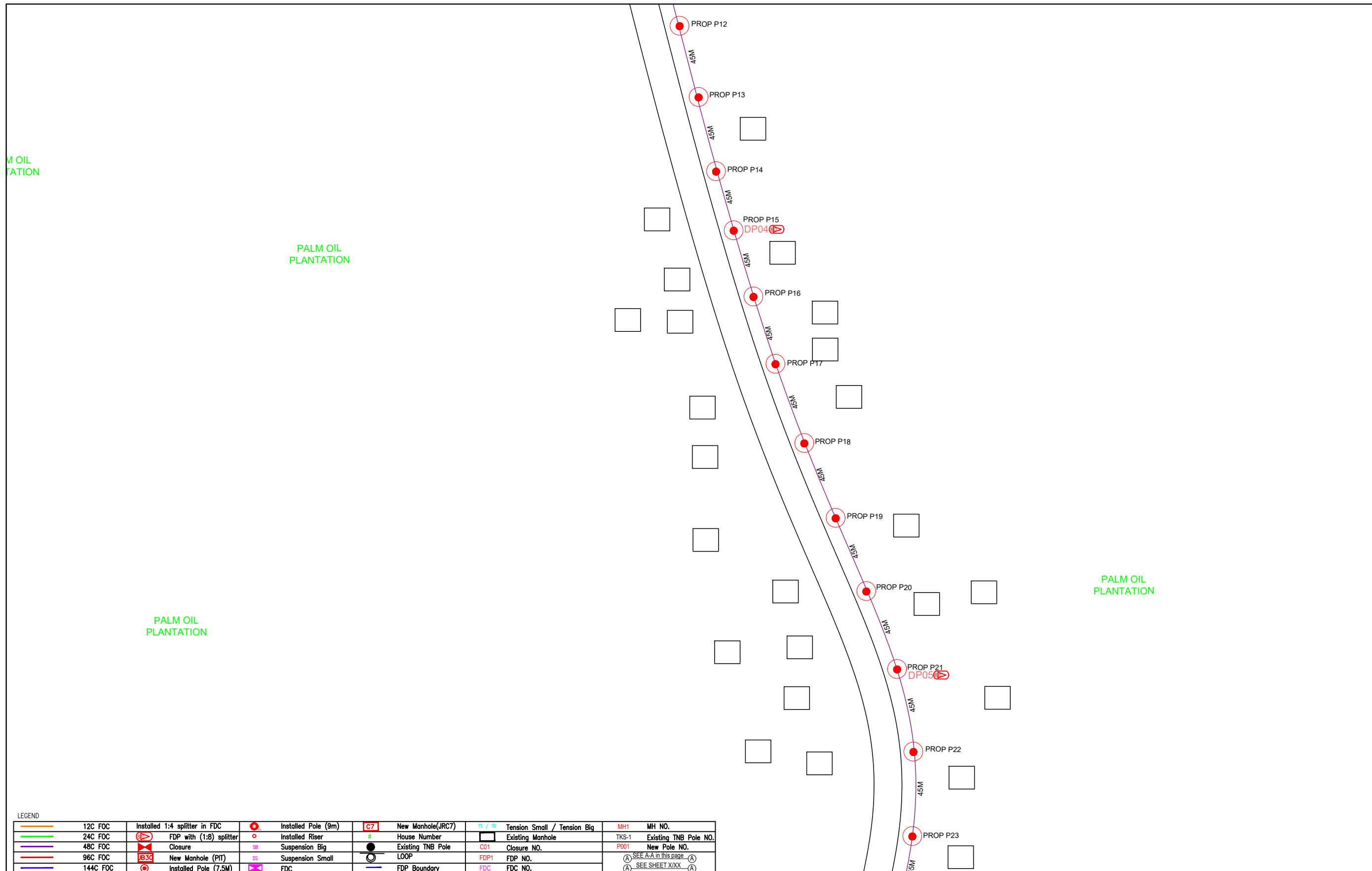
LEGEND											
	12C FOC		Installed 1:4 splitter in FDC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big		MH NO.
	24C FOC		FDP with (1:8) splitter		Installed Pole (7.5M)		House Number		Existing Manhole		Existing TNB Pole NO.
	48C FOC		Closure		Installed Pole (7.5M)		Existing TNB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

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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
	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

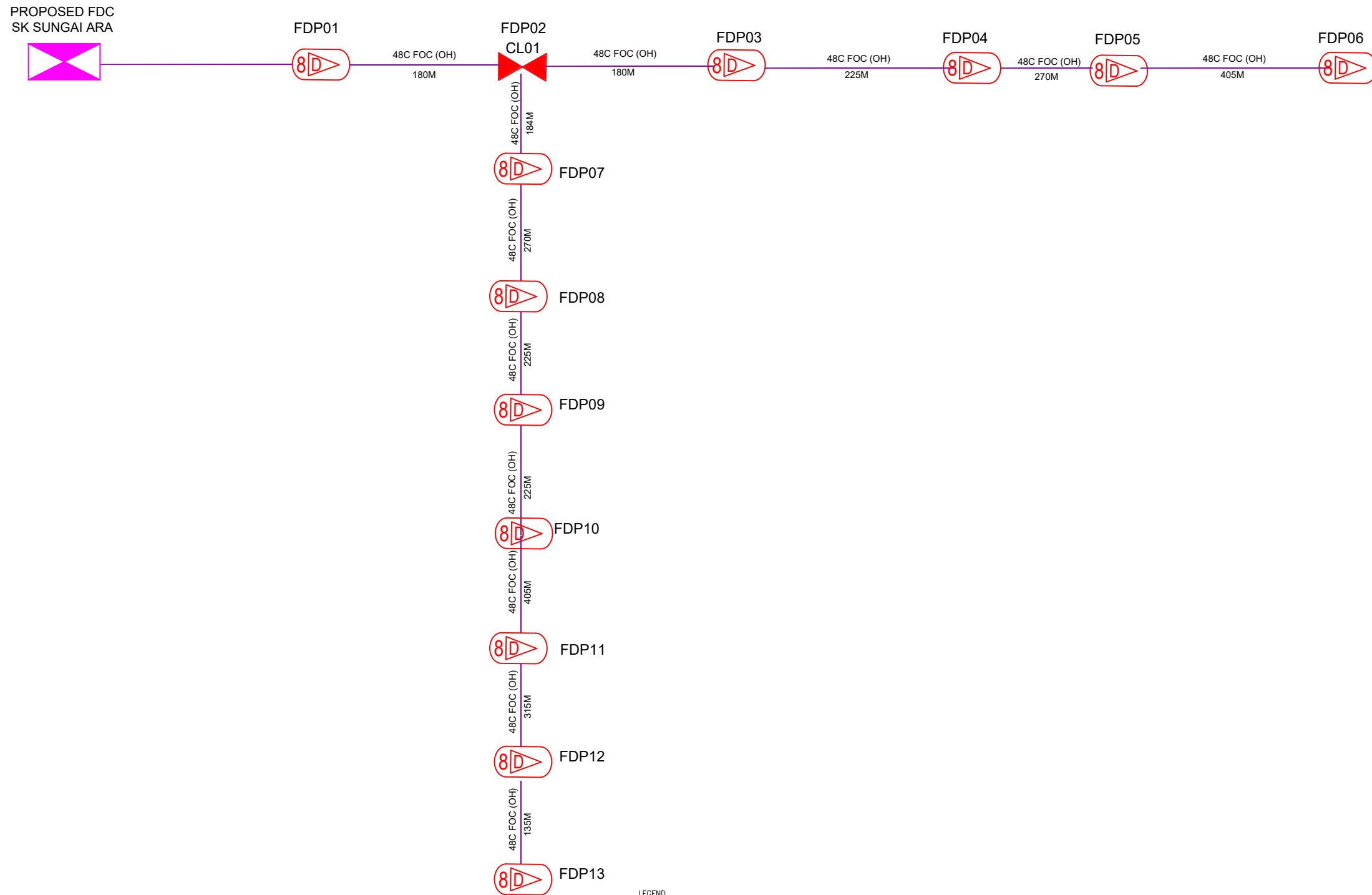
KEY PLAN :	PROJECT OWNER : 	MAIN CONTRACTOR : PRIVASAT	SUB-CONTRACTOR : ARCHWAY MAPPING SERVICES SDN BHD No 48 Jalan TU 39A, Taman Tasik Utama, 75450 Ayer Keroh, Melaka Tel: 606-233 9165 Fax: 606-233 9162 Email : info@archwaymalaysia.com Website : www.archwaymalaysia.com	PROJECT TITLE: PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK SUNGAI ARA) TO PREMISES PASS AREA	DRAWING TITLE: SK SUNGAI ARA 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 THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF ALLO TECHNOLOGY SDN BHD	Date : DATE Scale : NTS Job Number : JOB/NUMBER Sheet : 2/4 Size : A3
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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 TNB Pole	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	MB	FDP Boundary	FDC	FDC NO.	(A)	SEE SHEET XXX

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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

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