

## TECHNICAL PROPOSAL (POP2 ABA4033 SEKOLAH KEBANGSAAN TROSOR (D- SIDE))

**Company Name** : Archway Mapping Services Sdn. Bhd.  
**Company Address** : No 48-1, Jalan TU39A, Ayer Keroh Melaka  
**Prepared By** : Muhammad Adham  
**Date** : 22/09/2025



**Starting Point**

Site / Boundary Name : KUALA KANGSAR  
 Address : SK TROSOR  
 District : SUNGAI SIPUT  
 Postcode : 31100  
 State : PERAK  
 GPS Coordinate : 4.886205, 101.022198  
 LRD : A

**End Point**

Site / Boundary Name : KUALA KANGSAR  
 Address : KG MELINTANG  
 District : SUNGAI SIPUT  
 Postcode : 31100  
 State : PERAK  
 GPS Coordinate : 4.887132, 101.014356  
 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	161
2	Carriage Way Open Trench (CW)	m	490
3	Grass Verge Open Trenching (GV)	m	0
4	Micro Trenching (MT)	m	0
Total			651

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	2227
2	Install New Pole	ea	45
3	Install New JRC7 Manhole	ea	8
4	Install GI Riser 100mm	m	30
5	Install Fiber Distribution Point	ea	13
6	Install Closure	ea	3
7	Estimated Time Required for Completion	days	21

## 2.0 LOCAL AUTHORITY SUMMARY

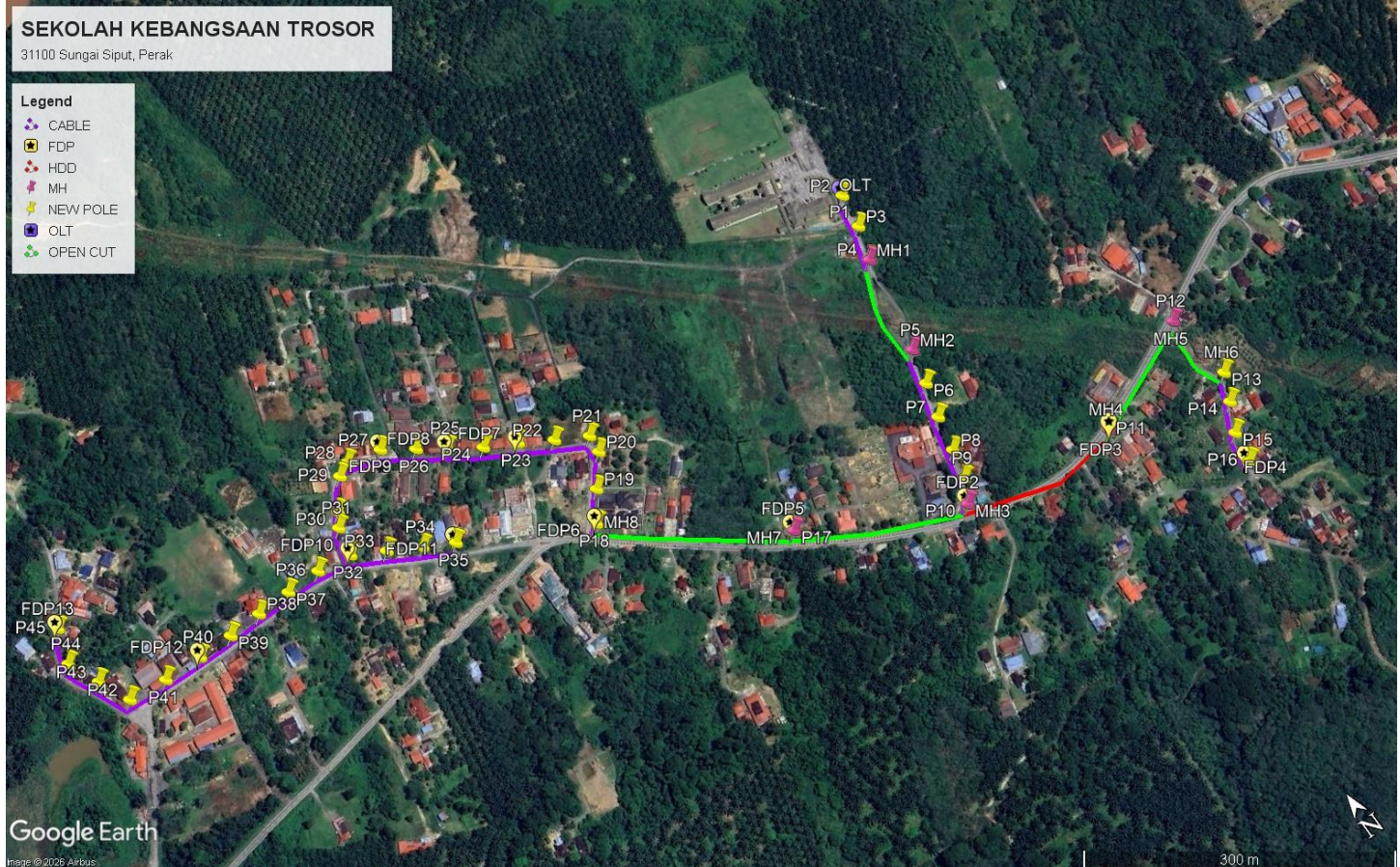
Daerah Kuala Kangsar

Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	1	161m
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	5	-
		Majlis	40	2066m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				2227m

### 3.0 SITE PLAN (KMZ)

#### 3.1 Overview Site Area

5.017300



Red Color - HDD  
 Green Color - Open Cut  
 Purple Color - Pole

### 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	4.886205	101.022198	Majlis Road
2	T002	35	4.886195	101.022196	Majlis Road
3	T003	35	4.885888	101.022148	Majlis Road
4	T004	35	4.885592	101.022050	Majlis Road
5	T005	35	4.884717	101.021878	Majlis Road
6	T006	35	4.884409	101.021799	Majlis Road
7	T007	35	4.884108	101.021708	Majlis Road
8	T008	35	4.883797	101.021639	Majlis Road
9	T009	35	4.883540	101.021570	Majlis Road
10	T010	35	4.883341	101.021460	JKR Road
11	T011	35	4.883137	101.022860	JKR Road
12	T012	35	4.883569	101.023904	JKR Road
13	T013	35	4.882941	101.023994	Majlis Road
14	T014	35	4.882704	101.023879	Majlis Road
15	T015	35	4.882460	101.023749	Majlis Road
16	T016	35	4.882186	101.023701	Majlis Road
17	T017	35	4.884049	101.020085	JKR Road
18	T018	35	4.885115	101.018713	JKR Road
19	T019	35	4.885360	101.018891	Majlis Road
20	T020	35	4.885614	101.019098	Majlis Road
21	T021	35	4.885776	101.019113	Majlis Road
22	T022	35	4.885928	101.018842	Majlis Road
23	T023	35	4.886094	101.018568	Majlis Road
24	T024	35	4.886243	101.018296	Majlis Road
25	T025	35	4.886424	101.018033	Majlis Road
26	T026	35	4.886579	101.017807	Majlis Road
27	T027	35	4.886758	101.017548	Majlis Road
28	T028	35	4.886838	101.017245	Majlis Road
29	T029	35	4.886775	101.017124	Majlis Road
30	T030	35	4.886528	101.016929	Majlis Road
31	T031	35	4.886410	101.016854	Majlis Road
32	T032	35	4.886157	101.016801	Majlis Road
33	T033	35	4.885999	101.017080	Majlis Road
34	T034	35	4.885843	101.017355	Majlis Road
35	T035	35	4.885703	101.017615	Majlis Road
36	T036	35	4.886209	101.016490	Majlis Road
37	T037	35	4.886209	101.016174	Majlis Road
38	T038	35	4.886206	101.015857	Majlis Road
39	T039	35	4.886196	101.015547	Majlis Road



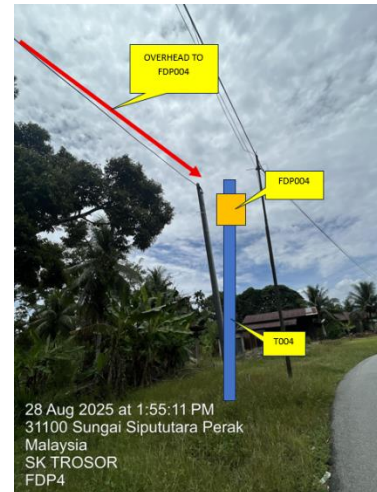
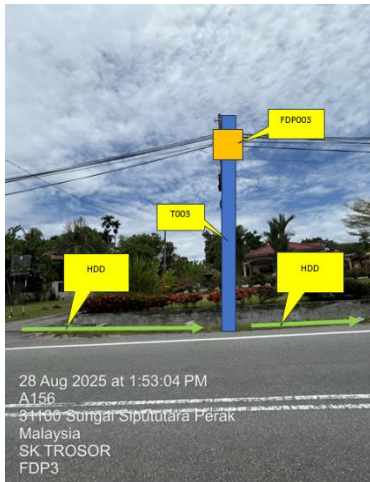
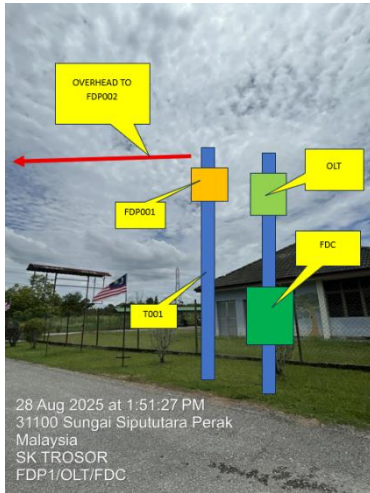
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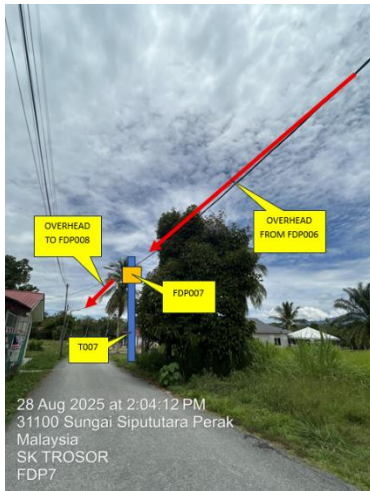
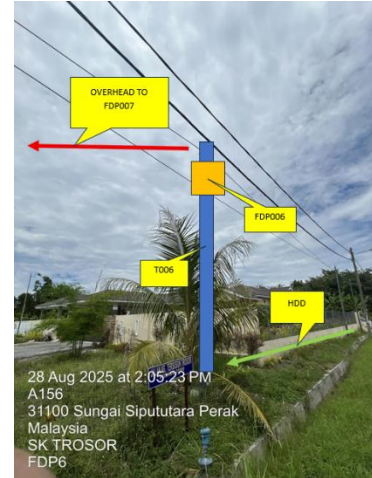
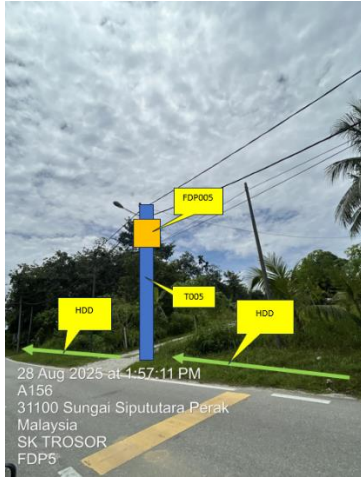


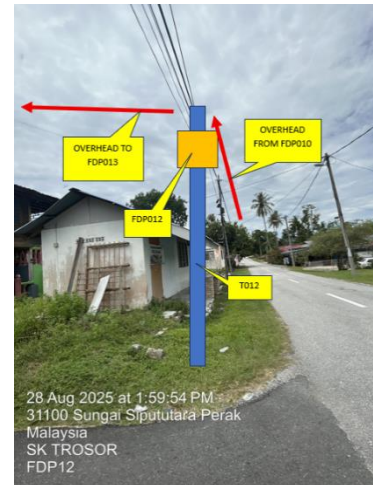
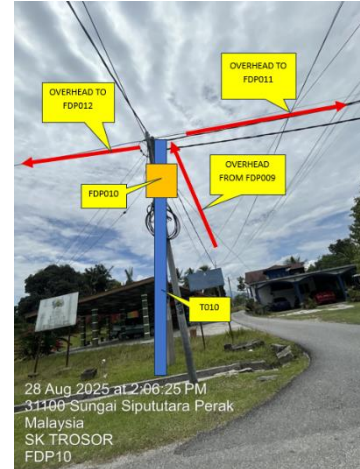
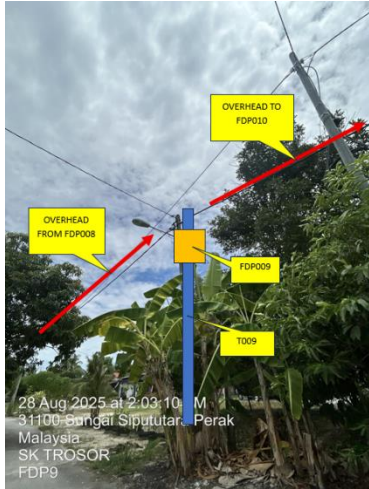
40	T040	35	4.886199	101.015226	Majlis Road
41	T041	35	4.886216	101.014871	Majlis Road
42	T042	35	4.886256	101.014519	Majlis Road
43	T043	35	4.886543	101.014385	Majlis Road
44	T044	35	4.886826	101.014257	Majlis Road
45	T045	35	4.887132	101.014356	Majlis Road

BIL	TYPE	7.5m	9m	TOTAL
1	No of Pole	44	1	45

5.0 SITE PHOTOS - PROPOSED NEW POLE

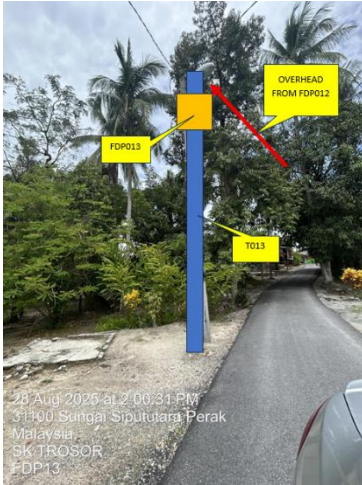








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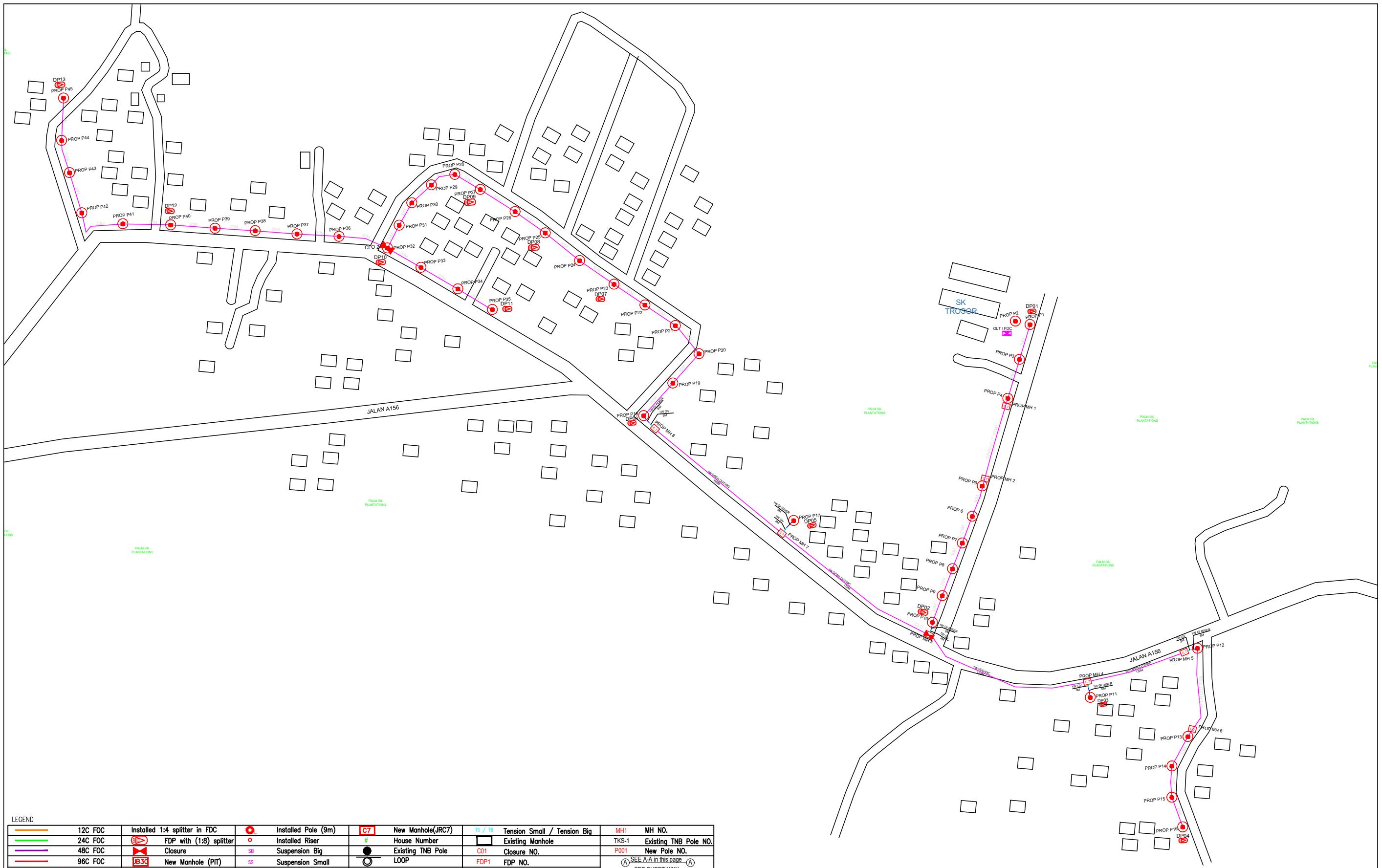


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## 6.0 3<sup>rd</sup> PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Kuala Kangsar	2227m



LEGEND

	12C FOC		Installed 1:4 splitter in FDC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big		MH NO.
	24C FOC		FDC 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 :



KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR




APPEX 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 (SK TROSOR) TO PREMISES PASS AREA

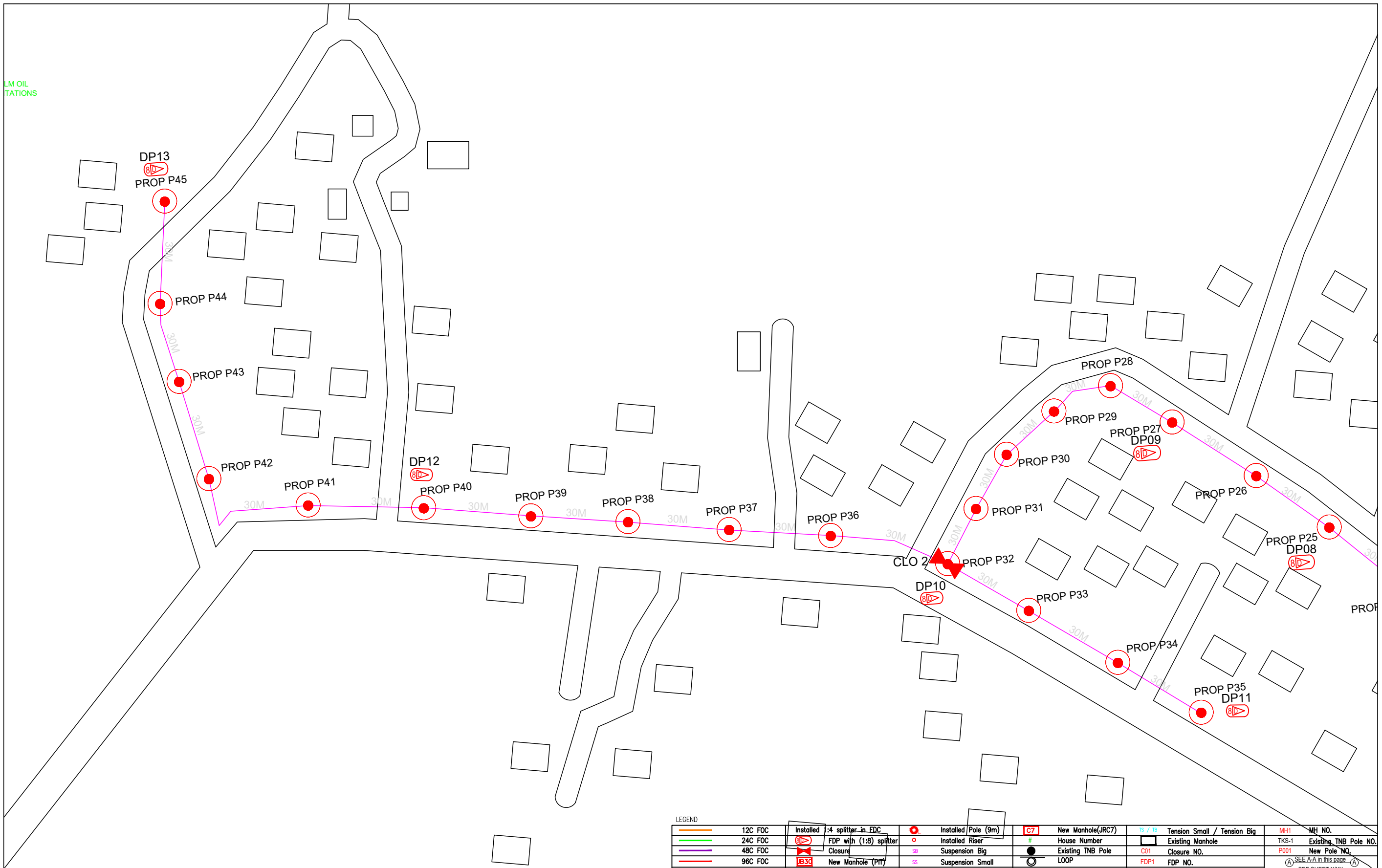
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SK TROSOR

PROJECT PHASE:

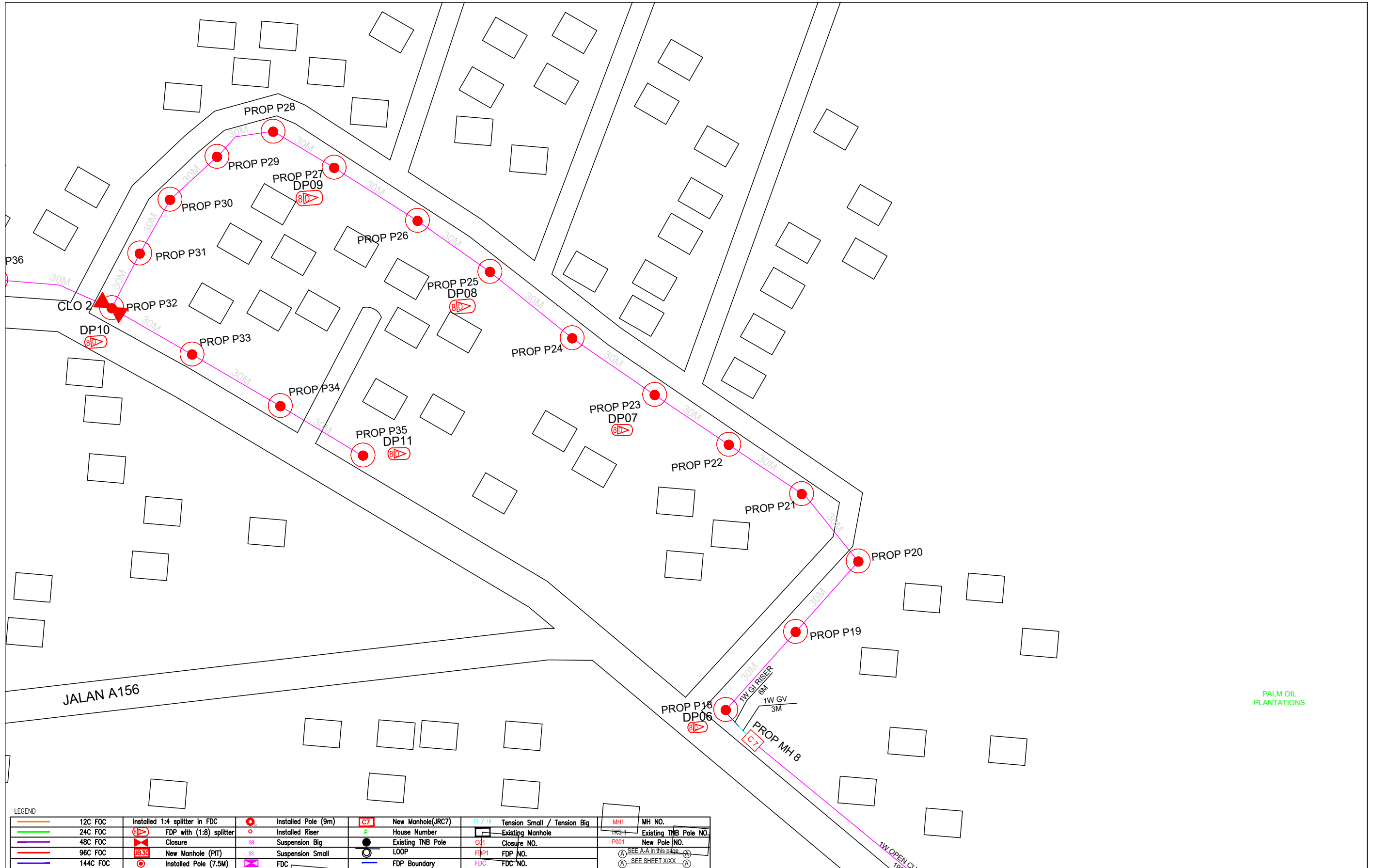
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LEGEND									
	12C FOC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big		MH NO.
	24C FOC		Installed Riser		House Number		Existing Manhole		Existing TNB Pole NO.
	48C FOC		FDP with (1:8) splitter		Existing TNB Pole		Closure NO.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

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LEGEND

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

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MAIN CONTRACTOR



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SUB-CONTRACTOR :



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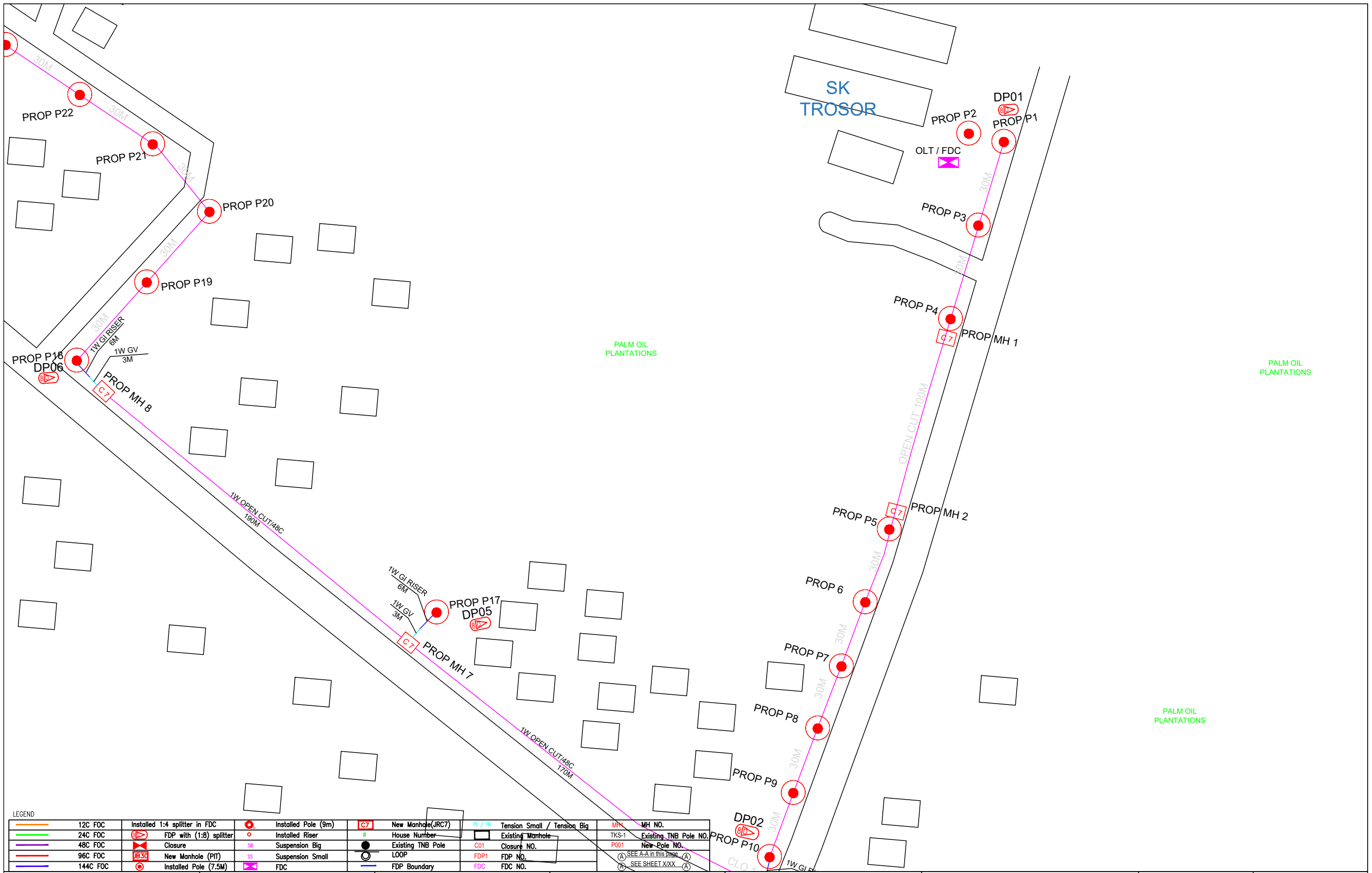
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LEGEND

	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

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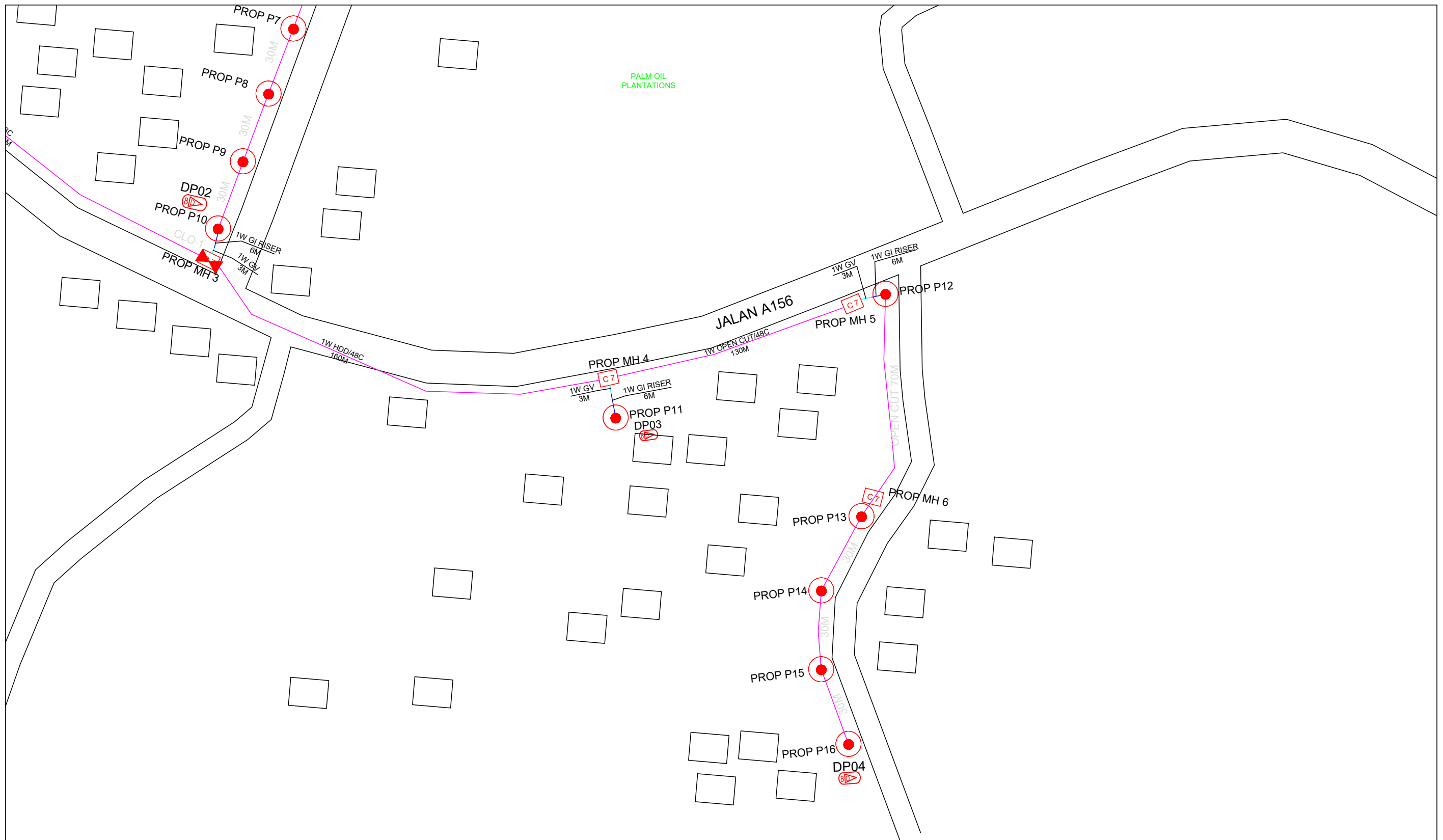
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LEGEND									
	12C FOC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big		MH NO.
	24C FOC		Installed Riser		House Number		Existing Manhole		Existing TNB Pole NO.
	48C FOC		FDP with (1:8) splitter		Suspension Big		Existing TNB Pole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

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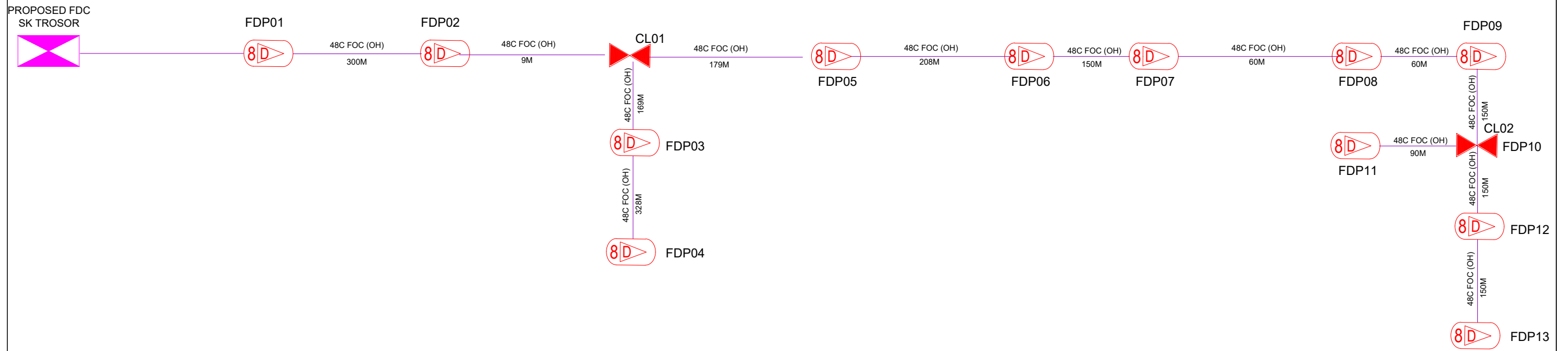
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LEGEND								
12C FOC	Installed 1:4 splitter in FDC	Installed Pole (9m)	C7	New Manhole(JRC7)	TS / TB	Tension Small / Tension Big	MH1	MH NO.
24C FOC	FDP with (1:8) splitter	Installed Riser	#	Existing House Number	TKS-1	Existing TNB Pole	TKS-1	Existing TNB Pole NO.
48C FOC	Closure	Suspension Big	SB	Existing TNB Pole	CO1	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	FD	FDP Boundary	FDC	FDC NO.	(A)	SEE SHEET XXX

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