

## TECHNICAL PROPOSAL (POP2 ABA9009 SEKOLAH KEBANGSAAN BUKIT PEKAN (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** : KAMPAR  
**Address** : SK BUKIT PEKAN  
**District** : TG. TUALANG  
**Postcode** : 31900  
**State** : PERAK  
**GPS Coordinate** : 4.257865, 101.085238  
**LRD** : A

### End Point

**Site / Boundary Name** : KAMPAR  
**Address** : LRG RAMBUTAN  
**District** : TG TUALANG  
**Postcode** : 31900  
**State** : PERAK  
**GPS Coordinate** : 4.267132, 101.087338  
**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	0
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	0
4	Micro Trenching (MT)	m	0
Total			

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	2727
2	Install New Pole	ea	81
3	Install New JRC7 Manhole	ea	0
4	Install GI Riser 100mm	m	0
5	Install Fiber Distribution Point	ea	13
6	Install Closure	ea	4
7	Estimated Time Required for Completion	days	21

## 2.0 LOCAL AUTHORITY SUMMARY

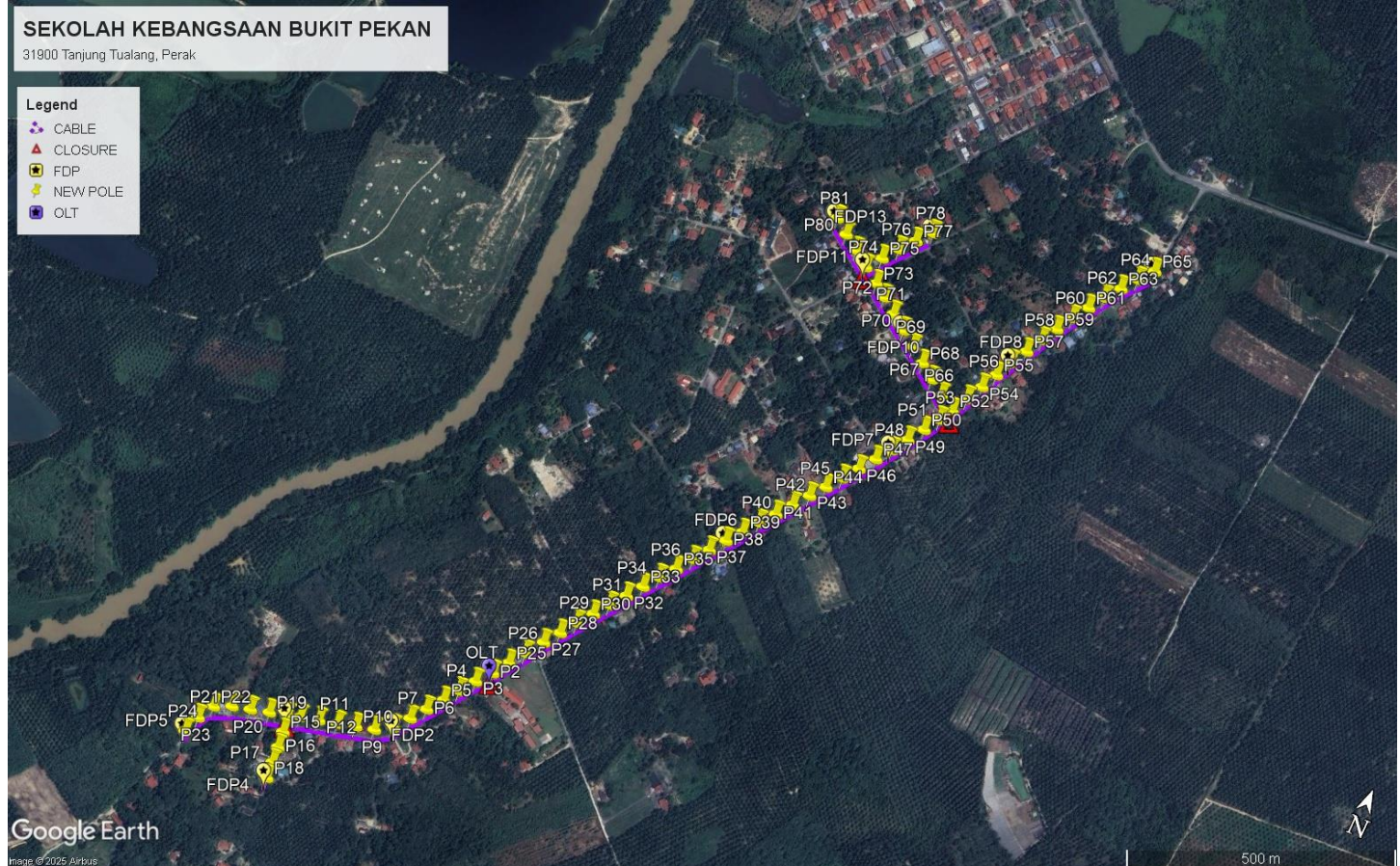
Daerah Kampar

Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	-	-
		Majlis	81	2727m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				2727m

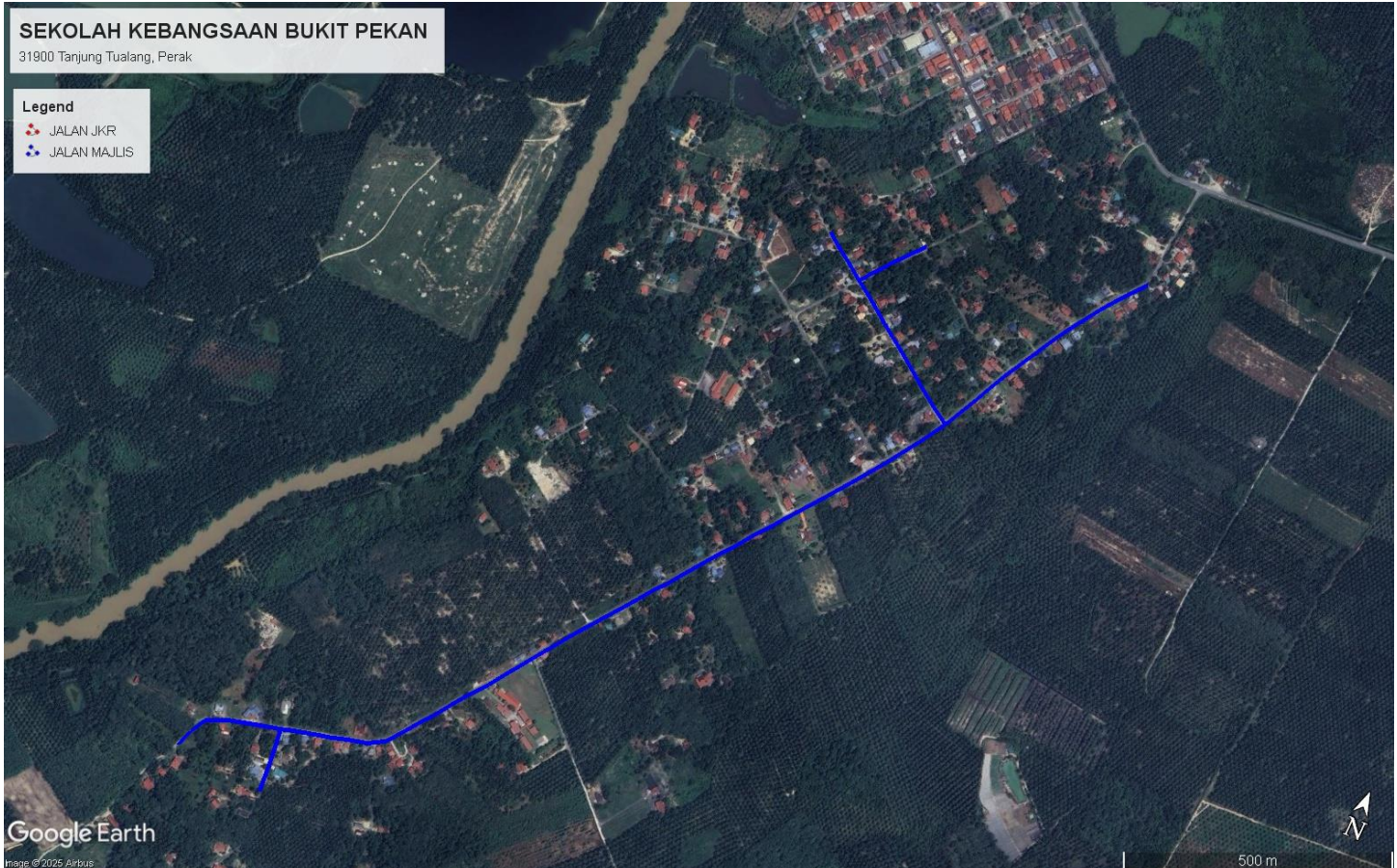
### 3.0 SITE PLAN (KMZ)

#### 3.1 Overview Site Area

5.017300



### 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	4.257865	101.085238	PDT Road
2	T002	35	4.257859	101.085234	PDT Road
3	T003	35	4.257614	101.085032	PDT Road
4	T004	35	4.257360	101.084846	PDT Road
5	T005	35	4.257112	101.084677	PDT Road
6	T006	35	4.256854	101.084480	PDT Road
7	T007	35	4.256603	101.084292	PDT Road
8	T008	35	4.256349	101.084097	PDT Road
9	T009	35	4.256186	101.083826	PDT Road
10	T010	35	4.256107	101.083518	PDT Road
11	T011	35	4.256019	101.083222	PDT Road
12	T012	35	4.255947	101.082916	PDT Road
13	T013	35	4.255869	101.082609	PDT Road
14	T014	35	4.255805	101.082409	PDT Road
15	T015	35	4.255523	101.082450	PDT Road
16	T016	35	4.255258	101.082479	PDT Road
17	T017	35	4.254990	101.082499	PDT Road
18	T018	35	4.254715	101.082521	PDT Road
19	T019	35	4.255725	101.082109	PDT Road
20	T020	35	4.255640	101.081800	PDT Road
21	T021	35	4.255560	101.081499	PDT Road
22	T022	35	4.255430	101.081218	PDT Road
23	T023	35	4.255158	101.081059	PDT Road
24	T024	35	4.254862	101.080959	PDT Road
25	T025	35	4.258126	101.085413	PDT Road
26	T026	35	4.258384	101.085596	PDT Road
27	T027	35	4.258675	101.085800	PDT Road
28	T028	35	4.258933	101.085984	PDT Road
29	T029	35	4.259198	101.086165	PDT Road
30	T030	35	4.259449	101.086357	PDT Road
31	T031	35	4.259699	101.086542	PDT Road
32	T032	35	4.259949	101.086736	PDT Road
33	T033	35	4.260205	101.086924	PDT Road
34	T034	35	4.260456	101.087109	PDT Road
35	T035	35	4.260701	101.087307	PDT Road
36	T036	35	4.260962	101.087495	PDT Road
37	T037	35	4.261216	101.087680	PDT Road
38	T038	35	4.261472	101.087871	PDT Road
39	T039	35	4.261717	101.088065	PDT Road
40	T040	35	4.261975	101.088248	PDT Road



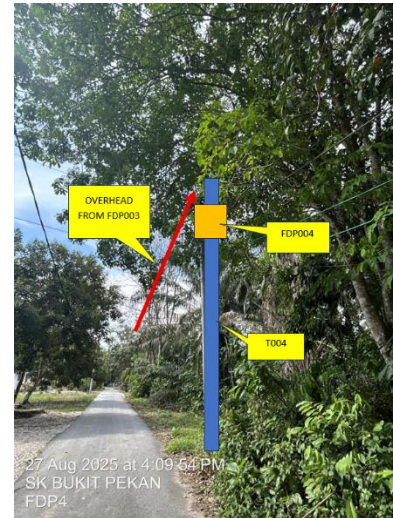
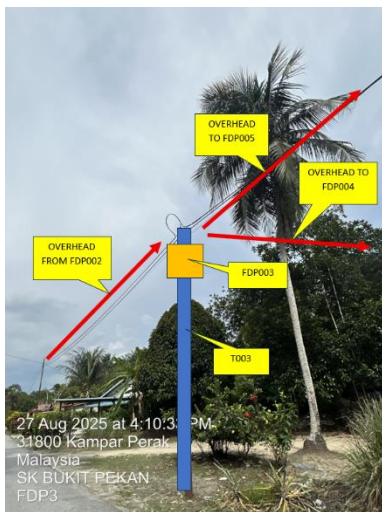
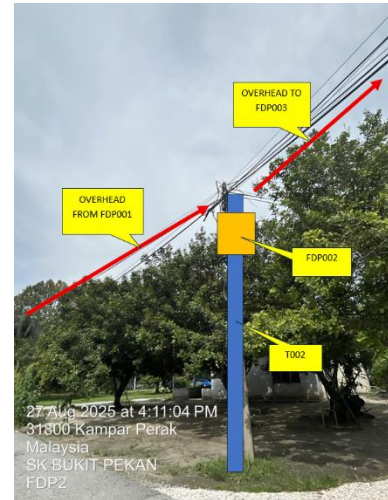
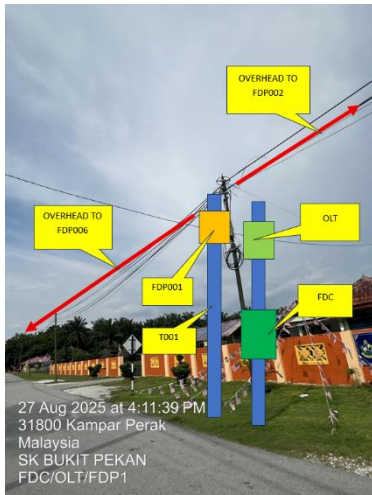
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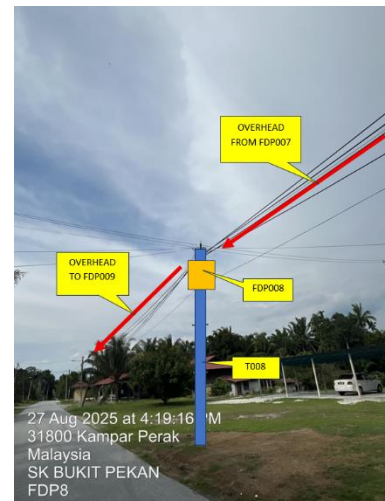
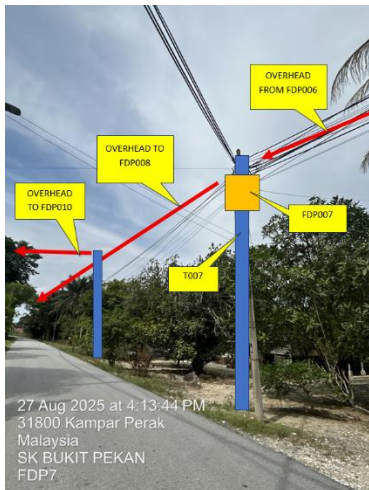
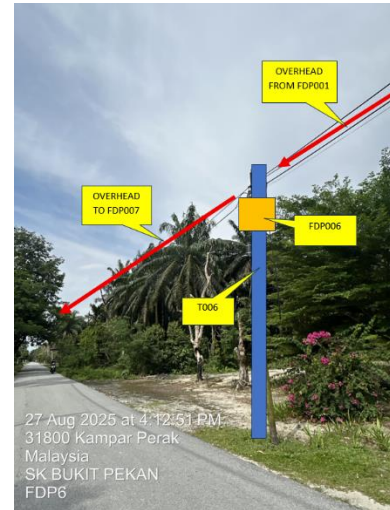
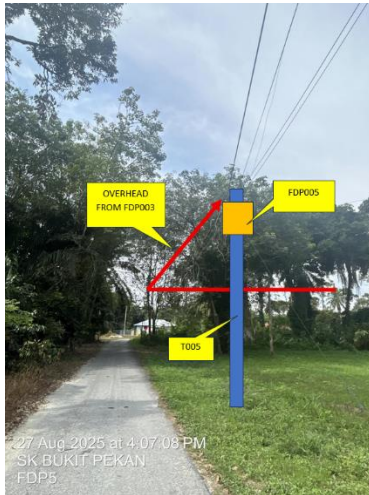


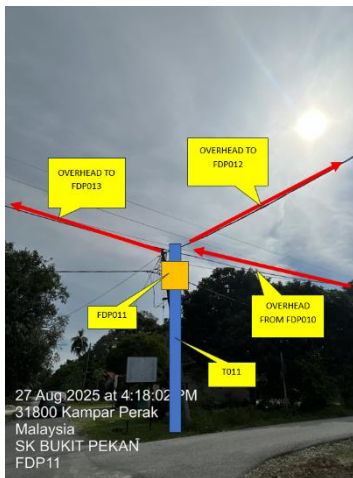
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42	T042	35	4.262476	101.088639	PDT Road
43	T043	35	4.262729	101.088830	PDT Road
44	T044	35	4.262974	101.089019	PDT Road
45	T045	35	4.263225	101.089208	PDT Road
46	T046	35	4.263481	101.089396	PDT Road
47	T047	35	4.263739	101.089586	PDT Road
48	T048	35	4.263989	101.089766	PDT Road
49	T049	35	4.264253	101.089939	PDT Road
50	T050	35	4.264519	101.090118	PDT Road
51	T051	35	4.264780	101.090284	PDT Road
52	T052	35	4.264998	101.090418	PDT Road
53	T053	35	4.265284	101.090561	PDT Road
54	T054	35	4.265566	101.090702	PDT Road
55	T055	35	4.265846	101.090840	PDT Road
56	T056	35	4.266135	101.090978	PDT Road
57	T057	35	4.266410	101.091137	PDT Road
58	T058	35	4.266691	101.091291	PDT Road
59	T059	35	4.266956	101.091443	PDT Road
60	T060	35	4.267235	101.091605	PDT Road
61	T061	35	4.267499	101.091779	PDT Road
62	T062	35	4.267761	101.091952	PDT Road
63	T063	35	4.268013	101.092139	PDT Road
64	T064	35	4.268265	101.092338	PDT Road
65	T065	35	4.268507	101.092533	PDT Road
66	T066	35	4.265157	101.090145	PDT Road
67	T067	35	4.265335	101.089882	PDT Road
68	T068	35	4.265518	101.089633	PDT Road
69	T069	35	4.265700	101.089378	PDT Road
70	T070	35	4.265883	101.089117	PDT Road
71	T071	35	4.266063	101.088853	PDT Road
72	T072	35	4.266253	101.088599	PDT Road
73	T073	35	4.266410	101.088381	PDT Road
74	T074	35	4.266585	101.088109	PDT Road
75	T075	35	4.266829	101.088295	PDT Road
76	T076	35	4.267081	101.088489	PDT Road
77	T077	35	4.267323	101.088691	PDT Road
78	T078	35	4.267561	101.088898	PDT Road
79	T079	35	4.266773	101.087846	PDT Road
80	T080	35	4.266945	101.087585	PDT Road
81	T081	35	4.267132	101.087338	PDT Road

BIL	TYPE	7.5m	9m	TOTAL
1	No of Pole	80	1	81

**5.0 SITE PHOTOS - PROPOSED NEW POLE**

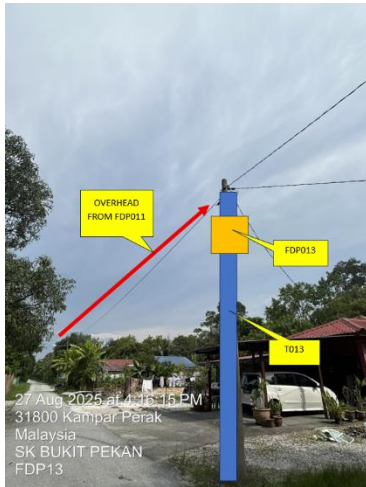








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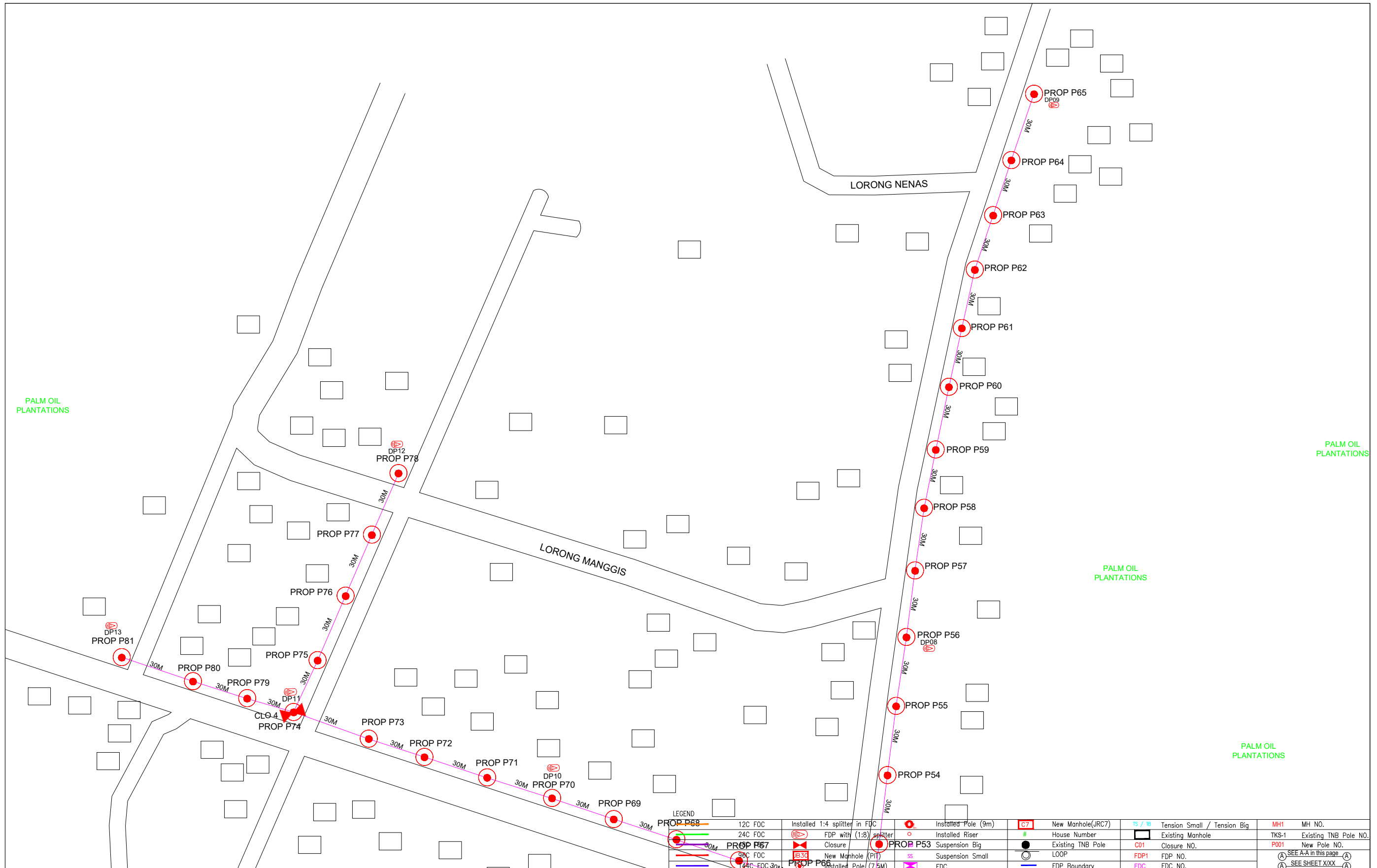
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## 6.0 3<sup>rd</sup> PARTIES DEPENDENCIES

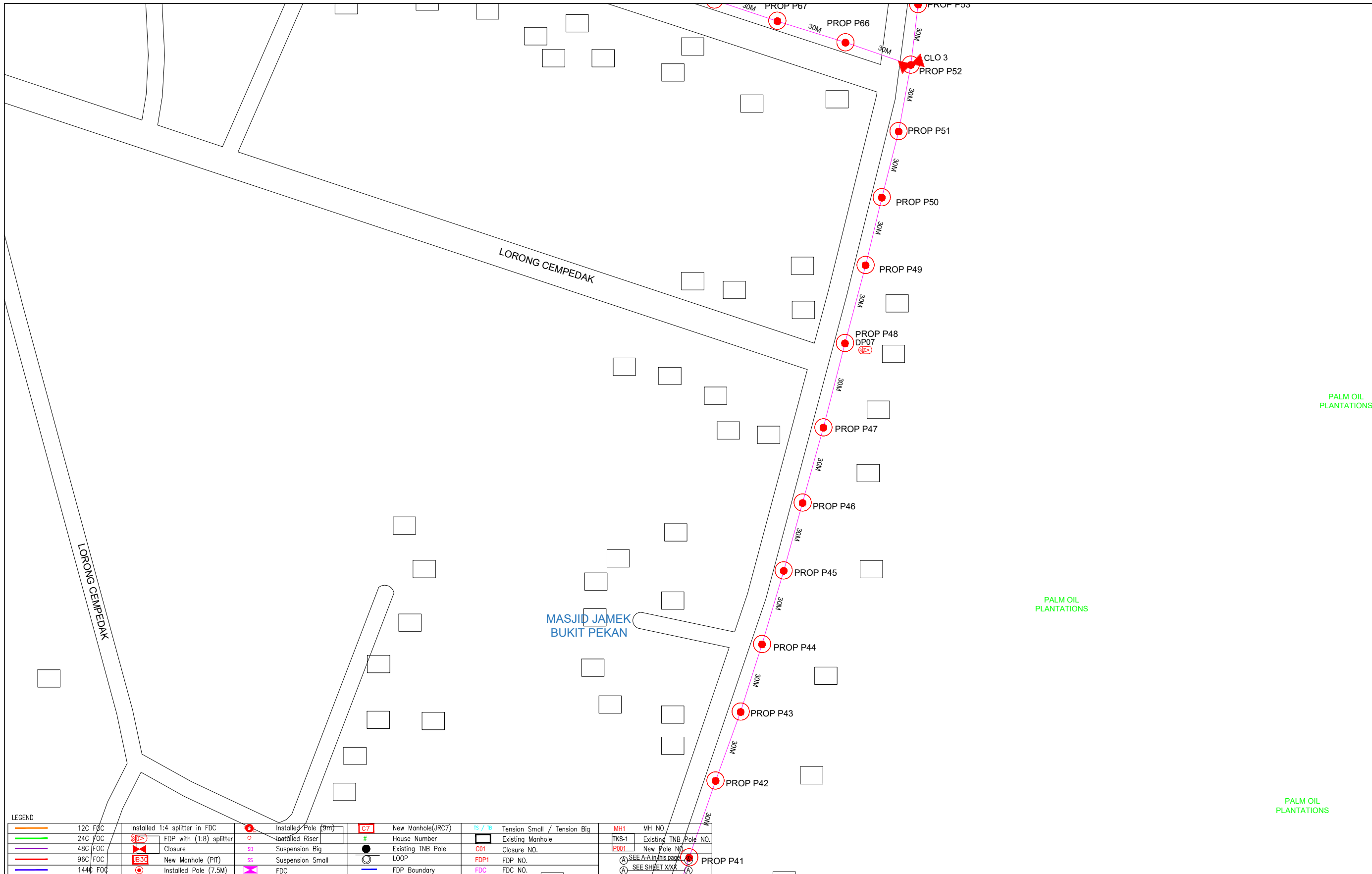
NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Kampar	2727m





LEGEND		New Manhole(JRC7)		Tension Small / Tension Big		MH1 MH NO.	
12C FOC	Installed 1:4 splitter in FDC	○	Installed Pole (9m)	TS / TB	Tension Small / Tension Big	TKS-1	Existing TNB Pole NO.
24C FOC	FDP with (1:8) splitter	○	Installed Riser	#	Existing Manhole	P001	Existing TNB Pole NO.
30C FOC	Closure	⊗	Suspension Big	●	Existing TNB Pole	C01	Closure NO.
48C FOC	New Manhole (Pit)	⊗	Suspension Small	○	LOOP	FDP1	FDP NO.
144C FOC 30M	Installed Pole (7.5M)	⊗	FDC	—	FDC Boundary	FDC	FDC NO.
							SEE A-A in this page (A)
							SEE SHEET XXX (A)

KEY PLAN :	PROJECT OWNER : 	MAIN CONTRACTOR : 	SUB-CONTRACTOR : 	PROJECT TITLE: PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK BUKIT PEKAN) TO PREMISES PASS AREA	DRAWING TITLE: SK BUKIT PEKAN	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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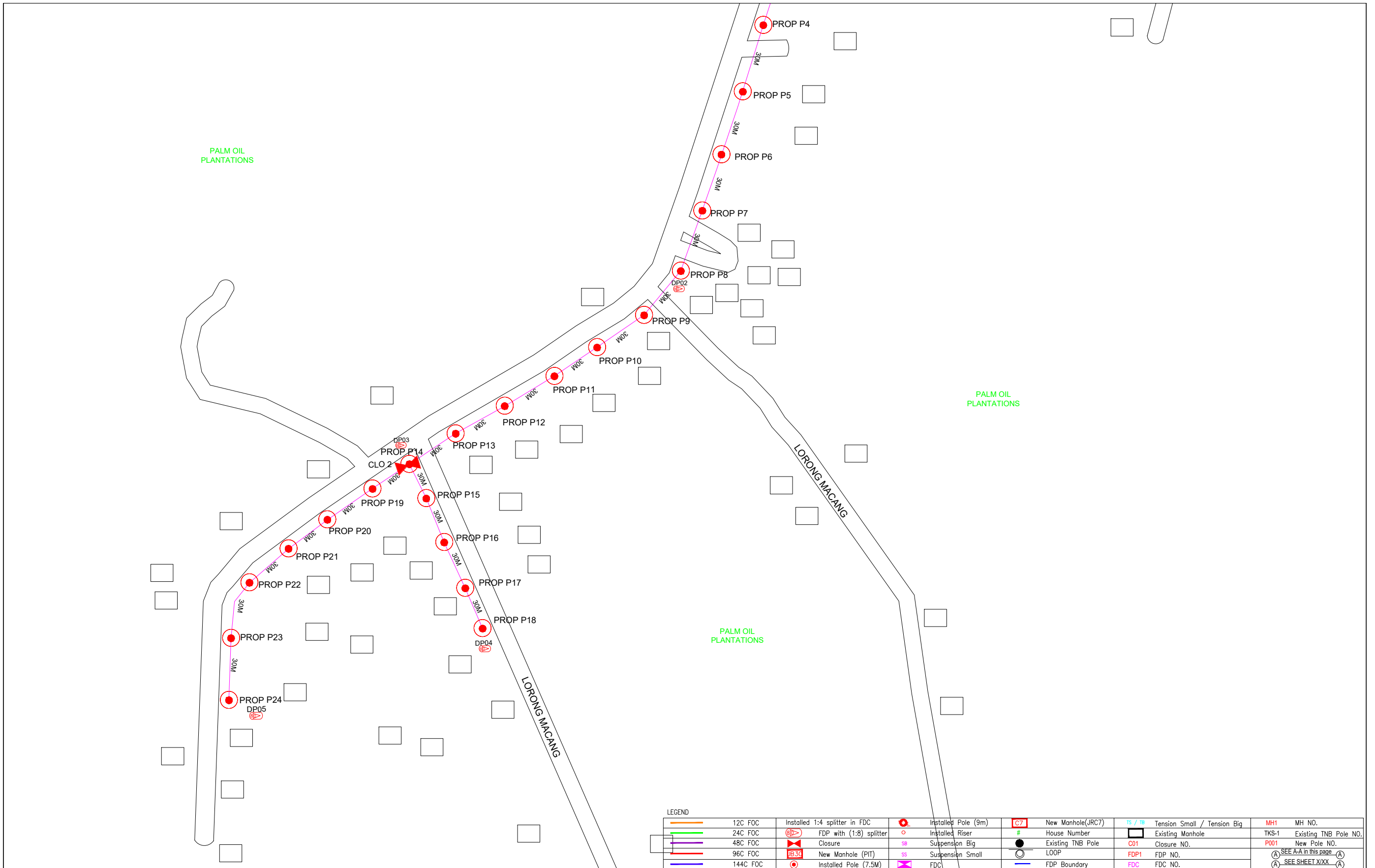


LEGEND								
12C FOC	Installed 1:4 splitter in FDC	Installed Pole (9m)	C7	New Manhole(JRC7)	TS / TB	Tension Small / Tension Big	MH1	MH NO.
24C FOC	FDP with (1:8) splitter	Installed Riser	#	House Number	TKS-1	Existing Manhole	TKS-1	Existing TNB / Pole NO.
48C FOC	Closure	Suspension Big	●	Existing TNB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

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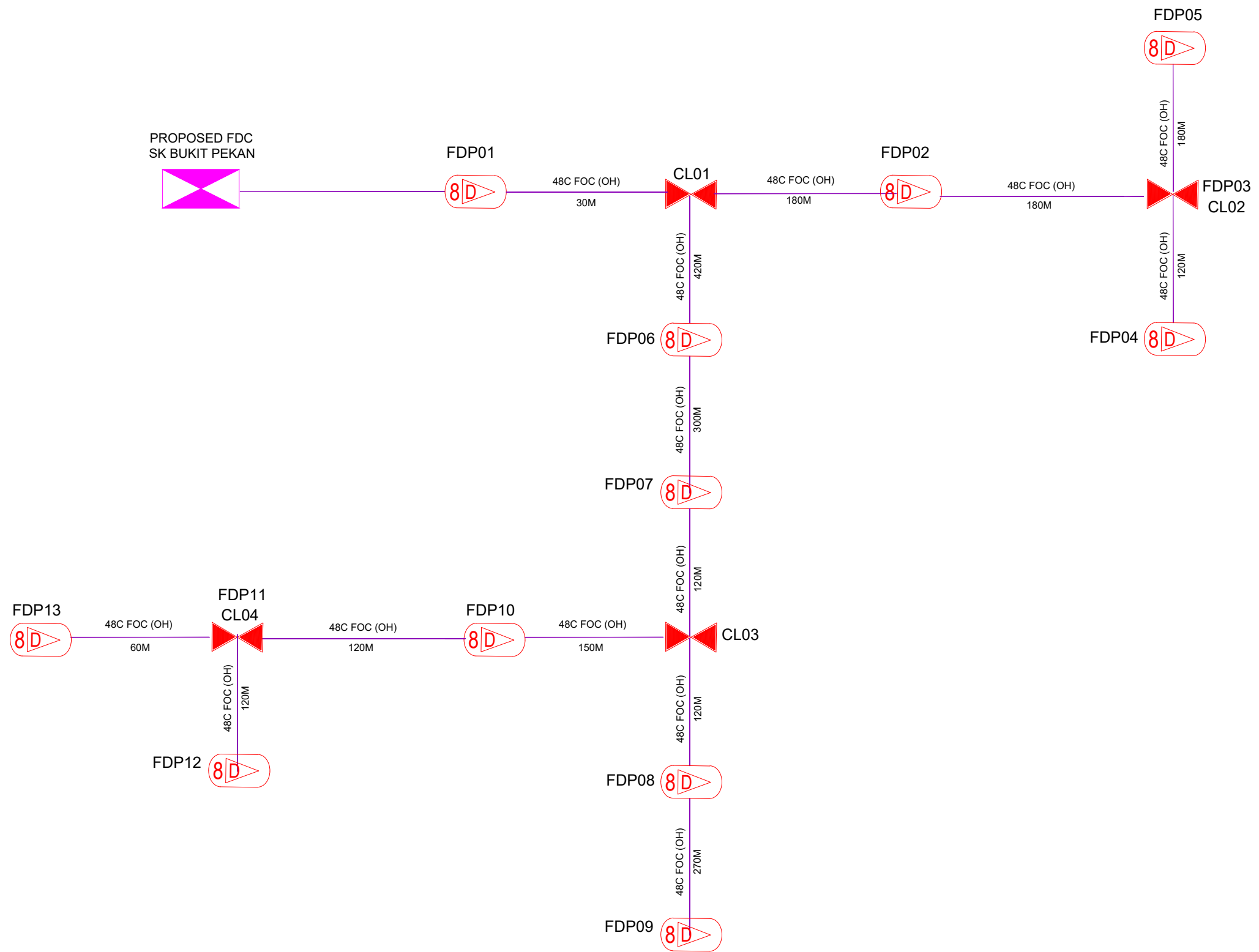






LEGEND	
	12C FOC
	24C FOC
	48C FOC
	96C FOC
	144C FOC
	Installed 1:4 splitter in FDC
	FDP with (1:8) splitter
	Closure
	New Manhole (PIT)
	Installed Pole (7.5M)
	Installed Pole (9m)
	Installed Riser
	Suspension Big
	Suspension Small
	FDC
	New Manhole(JRC7)
	House Number
	Existing TNB Pole
	LOOP
	FDP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

KEY PLAN :	PROJECT OWNER : 	MAIN CONTRACTOR :  <b>PRIVASAT</b>	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 BUKIT PEKAN) TO PREMISES PASS AREA	DRAWING TITLE: SK BUKIT PEKAN PROJECT PHASE: PROJECT PHASE	Design By : ENGINEER Date : DATE Drawn By : CAD ENGINEER Scale : NTS Checked By : ENGINEER Job Number : JOB/NUMBER DRAWING NUMBER : <b>DRAWING/NUMBER</b> THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF ALLO TECHNOLOGY SDN BHD	Sheet : 5/5 Size : A3
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LEGEND							
	12C FOC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big
	24C FOC		Installed Riser		#	Existing TNB Pole	TKS-1 Existing TNB Pole NO.
	48C FOC		FDP with (1:8) splitter		Existing TNB Pole	C01	Closure NO.
	96C FOC		Closure		LOOP	FDP1	FDP NO.
	144C FOC		New Manhole (PIT)		Suspension Small	FDC	FDC NO.
	Installed Pole (7.5M)		Installed Pole (7.5M)		FDC		

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