



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 ABA6037 SEKOLAH KEBANGSAAN TEBING TINGGI (D-SIDE))

Company Name : Archway Mapping Services Sdn. Bhd.
Company Address : No 48-1, Jalan TU39A, Ayer Keroh Melaka
Prepared By : Muhammad Adham
Date : 16/01/2025



Starting Point

Site / Boundary Name : SELAMA
Address : SK TEBING TINGGI
District : SELAMA
Postcode : 34300
State : PERAK
GPS Coordinate : 5.146230, 100.656252
LRD : A

End Point

Site / Boundary Name : SELAMA
Address : KG SUNGAI MALAU LUAR, PERAK
District : SELAMA
Postcode : 34300
State : PERAK
GPS Coordinate : 5.132626, 100.636714
LRD : B



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1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	130
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	6
4	Micro Trenching (MT)	m	0
Total			136

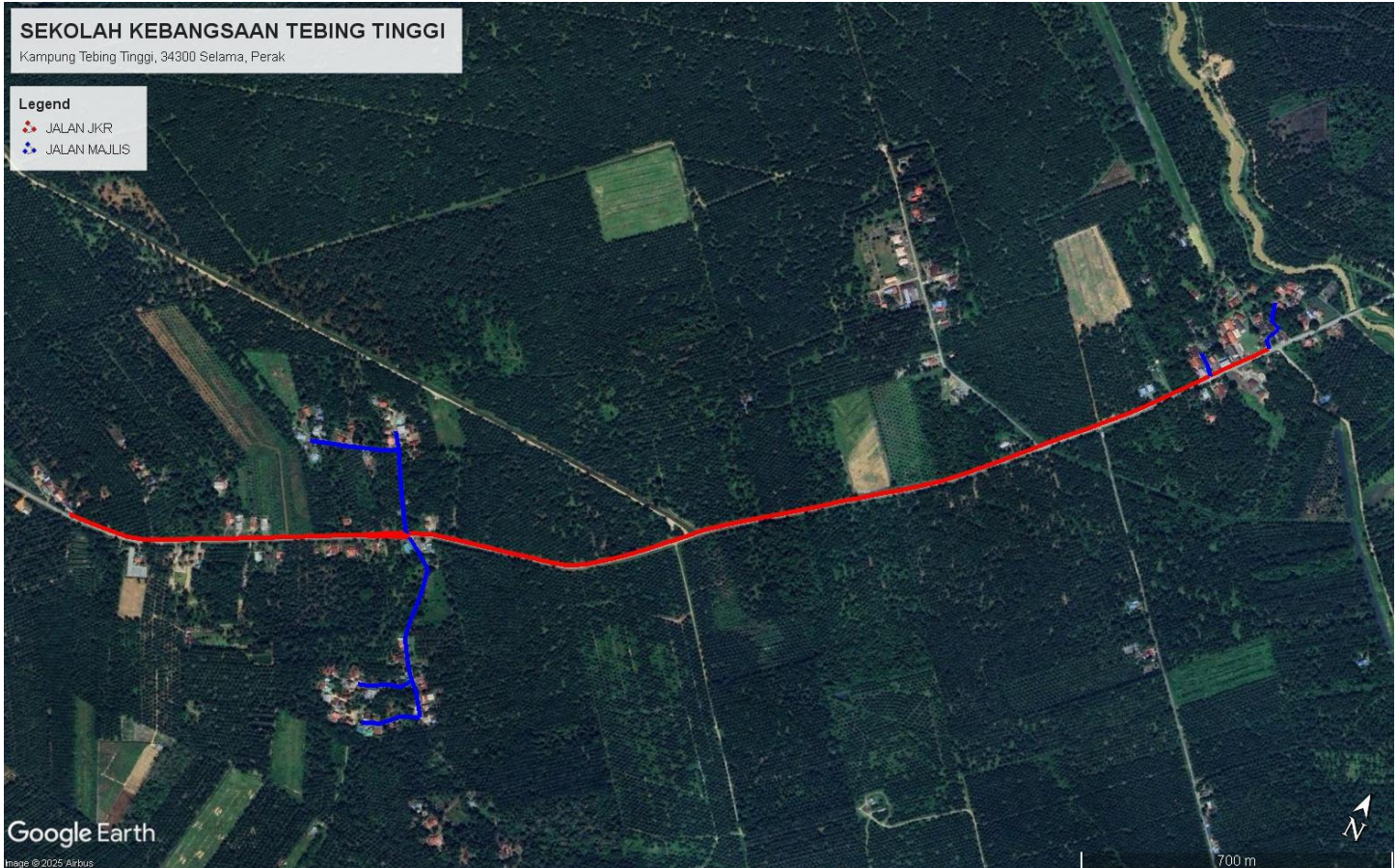
NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	4220
2	Install New Pole	ea	102
3	Install New JRC7 Manhole	ea	2
4	Install GI Riser 100mm	m	12
5	Install Fiber Distribution Point	ea	13
6	Install Closure	ea	5
7	Estimated Time Required for Completion	days	28

2.0 LOCAL AUTHORITY SUMMARY

Daerah Selama

Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	1	136m
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	66	2785m
		Majlis	36	1299m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				4220m

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	5.146230	100.656252	JKR Road
2	T002	45	5.146236	100.656278	JKR Road
3	T003	45	5.146485	100.656481	JKR Road
4	T004	45	5.146760	100.656686	JKR Road
5	T005	45	5.146907	100.656551	Majlis Daerah Road
6	T006	45	5.147202	100.656685	Majlis Daerah Road
7	T007	45	5.147284	100.656473	Majlis Daerah Road
8	T008	45	5.147645	100.656361	Majlis Daerah Road
9	T009	45	5.145981	100.656078	JKR Road
10	T010	45	5.145728	100.655886	JKR Road
11	T011	45	5.145895	100.655732	Majlis Daerah Road
12	T012	45	5.146048	100.655512	Majlis Daerah Road
13	T013	45	5.145571	100.655767	JKR Road
14	T014	45	5.145251	100.655525	JKR Road
15	T015	45	5.144928	100.655274	JKR Road
16	T016	45	5.144607	100.655025	JKR Road
17	T017	45	5.144283	100.654769	JKR Road
18	T018	45	5.143929	100.654438	JKR Road
19	T019	45	5.143683	100.654218	JKR Road
20	T020	45	5.143380	100.653936	JKR Road
21	T021	45	5.143074	100.653655	JKR Road
22	T022	45	5.142783	100.653392	JKR Road
23	T023	45	5.142488	100.653129	JKR Road
24	T024	45	5.142185	100.652852	JKR Road
25	T025	45	5.141889	100.652579	JKR Road
26	T026	45	5.141583	100.652306	JKR Road
27	T027	45	5.141313	100.652014	JKR Road
28	T028	45	5.141064	100.651711	JKR Road
29	T029	45	5.140802	100.651391	JKR Road
30	T030	45	5.140554	100.651075	JKR Road
31	T031	45	5.140289	100.650758	JKR Road
32	T032	45	5.140043	100.650435	JKR Road
33	T033	45	5.139778	100.650117	JKR Road
34	T034	45	5.139517	100.649810	JKR Road
35	T035	45	5.139263	100.649490	JKR Road
36	T036	45	5.139013	100.649167	JKR Road
37	T037	45	5.138753	100.648842	JKR Road
38	T038	45	5.138508	100.648539	JKR Road

39	T039	45	5.138227	100.648228	JKR Road
40	T040	45	5.137922	100.647934	JKR Road
41	T041	45	5.137636	100.647653	JKR Road
42	T042	45	5.137356	100.647383	JKR Road
43	T043	45	5.137081	100.647098	JKR Road
44	T044	45	5.136815	100.646789	JKR Road
45	T045	45	5.136554	100.646468	JKR Road
46	T046	45	5.136347	100.646147	JKR Road
47	T047	45	5.136240	100.645777	JKR Road
48	T048	45	5.136146	100.645387	JKR Road
49	T049	45	5.136044	100.644993	JKR Road
50	T050	45	5.135945	100.644606	JKR Road
51	T051	45	5.135846	100.644203	JKR Road
52	T052	45	5.135749	100.643804	JKR Road
53	T053	45	5.135639	100.643417	JKR Road
54	T054	45	5.135439	100.642977	JKR Road
55	T055	45	5.135277	100.642663	JKR Road
56	T056	45	5.135063	100.642310	JKR Road
57	T057	45	5.134874	100.641968	JKR Road
58	T058	45	5.134673	100.641601	JKR Road
59	T059	45	5.134454	100.641214	JKR Road
60	T060	45	5.134273	100.640893	JKR Road
61	T061	45	5.134080	100.640544	JKR Road
62	T062	45	5.133857	100.640127	JKR Road
63	T063	45	5.133649	100.639770	JKR Road
64	T064	45	5.133461	100.639409	JKR Road
65	T065	45	5.133272	100.639059	JKR Road
66	T066	45	5.133074	100.638694	JKR Road
67	T067	45	5.132881	100.638343	JKR Road
68	T068	45	5.132756	100.637959	JKR Road
69	T069	45	5.132704	100.637550	JKR Road
70	T070	45	5.132659	100.637153	JKR Road
71	T071	45	5.132626	100.636714	JKR Road
72	T072	45	5.135740	100.642716	Majlis Daerah Road
73	T073	45	5.136078	100.642488	Majlis Daerah Road
74	T074	45	5.136421	100.642277	Majlis Daerah Road
75	T075 (Pole 9M)	45	5.136837	100.642030	Majlis Daerah Road
76	T076	45	5.137156	100.641789	Majlis Daerah Road
77	T077 (Pole 9M)	45	5.136671	100.641710	Majlis Daerah Road
78	T078	45	5.136537	100.641342	Majlis Daerah Road
79	T079	45	5.136415	100.641032	Majlis Daerah Road
80	T080	45	5.136304	100.640689	Majlis Daerah Road
81	T081	45	5.136178	100.640345	Majlis Daerah Road
82	T082	45	5.135375	100.643032	Majlis Daerah Road
83	T083	45	5.135187	100.643351	Majlis Daerah Road



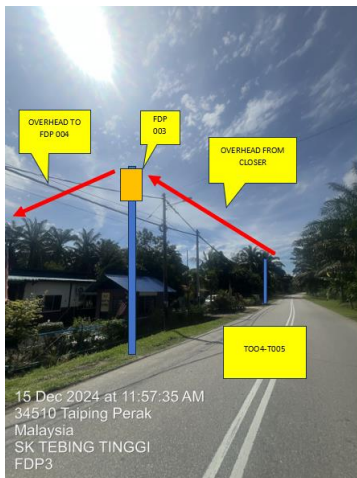
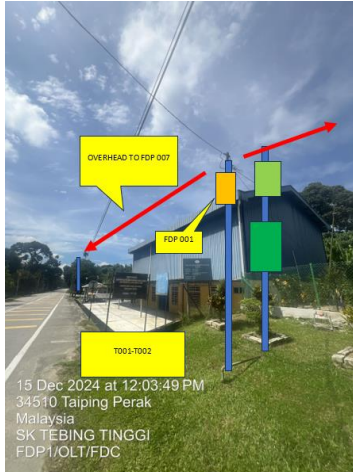
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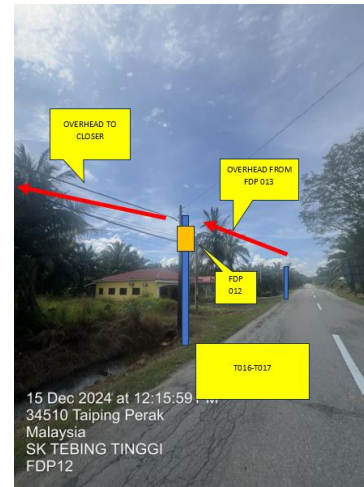
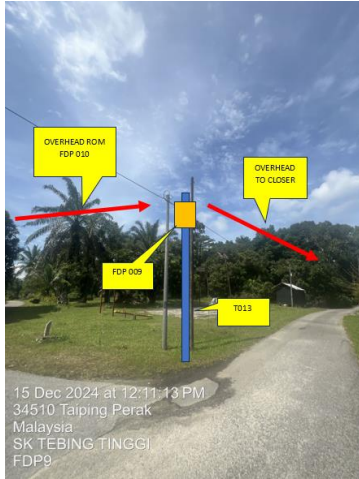
84	T084	45	5.134974	100.643660	Majlis Daerah Road
85	T085	45	5.134614	100.643751	Majlis Daerah Road
86	T086	45	5.134254	100.643798	Majlis Daerah Road
87	T087	45	5.133894	100.643833	Majlis Daerah Road
88	T088	45	5.133547	100.643897	Majlis Daerah Road
89	T089	45	5.133237	100.644099	Majlis Daerah Road
90	T090	45	5.132949	100.644312	Majlis Daerah Road
91	T091 (Pole 9M)	45	5.132837	100.644422	Majlis Daerah Road
92	T092 (Pole 9M)	45	5.132703	100.644578	Majlis Daerah Road
93	T093	45	5.132421	100.644797	Majlis Daerah Road
94	T094	45	5.132261	100.644912	Majlis Daerah Road
95	T095	45	5.132084	100.644540	Majlis Daerah Road
96	T096	45	5.131785	100.644267	Majlis Daerah Road
97	T097	45	5.131610	100.643900	Majlis Daerah Road
98	T098	45	5.132637	100.644298	Majlis Daerah Road
99	T099	45	5.132559	100.644086	Majlis Daerah Road
100	T100	45	5.132461	100.643888	Majlis Daerah Road
101	T101	45	5.132343	100.643691	Majlis Daerah Road
102	T102	45	5.132275	100.643488	Majlis Daerah Road

BIL	TYPE	7.5m	9m	TOTAL
1	No of Pole	98	4	102

5.0 SITE PHOTOS - PROPOSED NEW POLE









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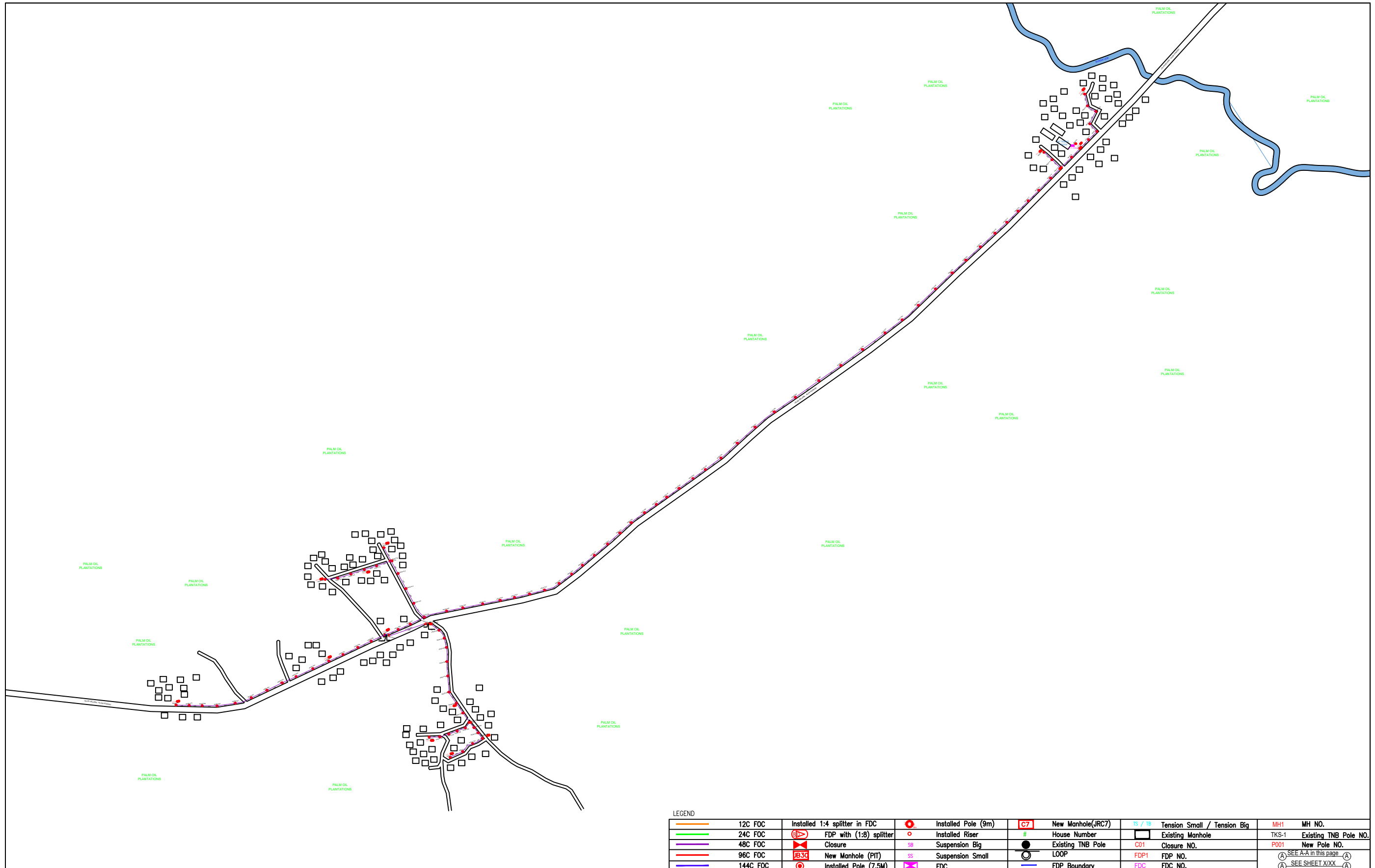


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6.0 3rd PARTIES DEPENDENCIES

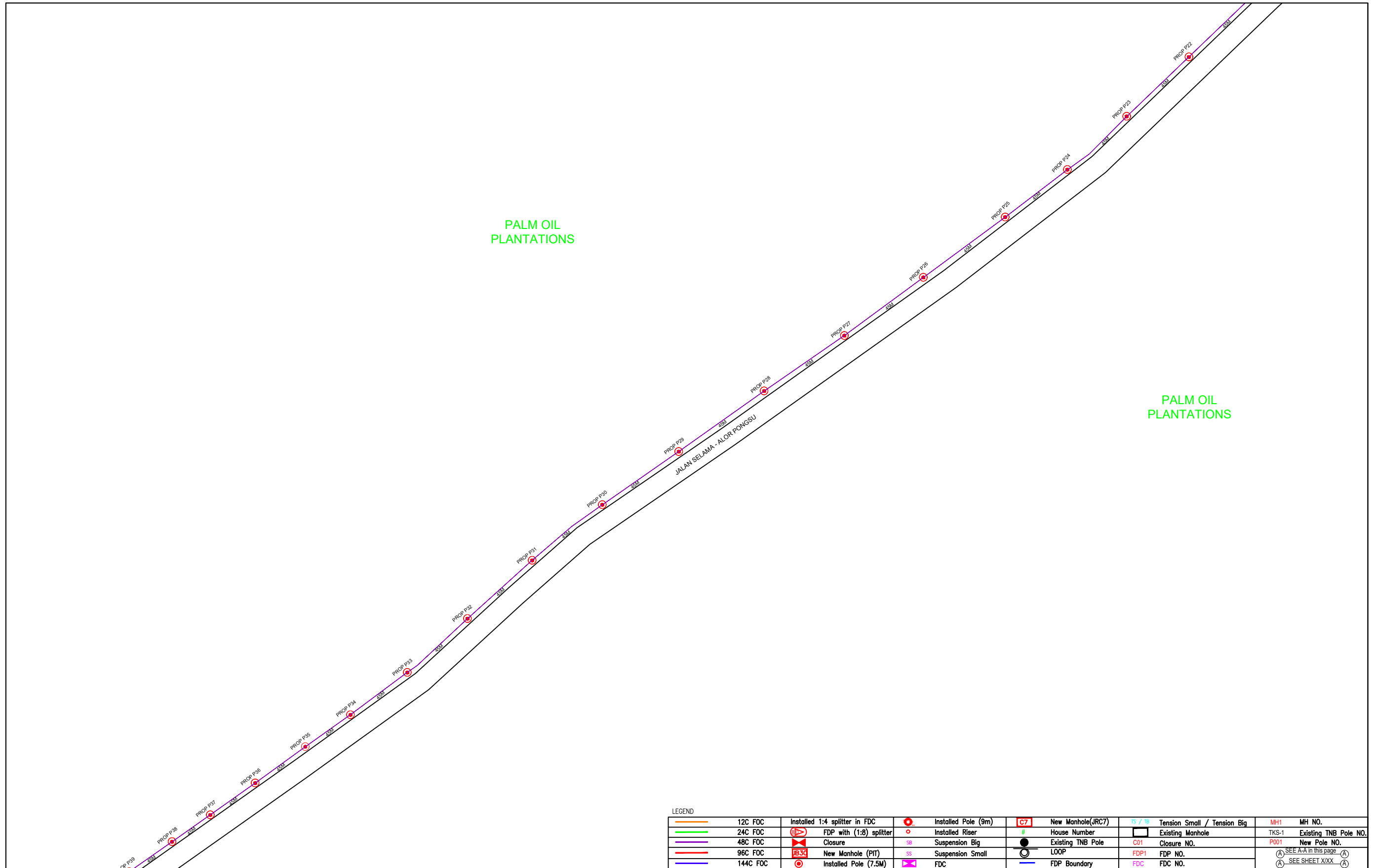
NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Selama	4220m



LEGEND

12C FOC	Installed 1:4 splitter in FDC	Installed Pole (9m)	New Manhole(JRC7)	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
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 TEBING TINGGI) TO PREMISES PASS AREA	DRAWING TITLE: SK TEBING TINGGI	Design By : ENGINEER	Date : DATE	
					PROJECT PHASE: PROJECT PHASE	Drawn By : CAD ENGINEER	Scale : NTS	Checked By : ENGINEER
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LEGEND

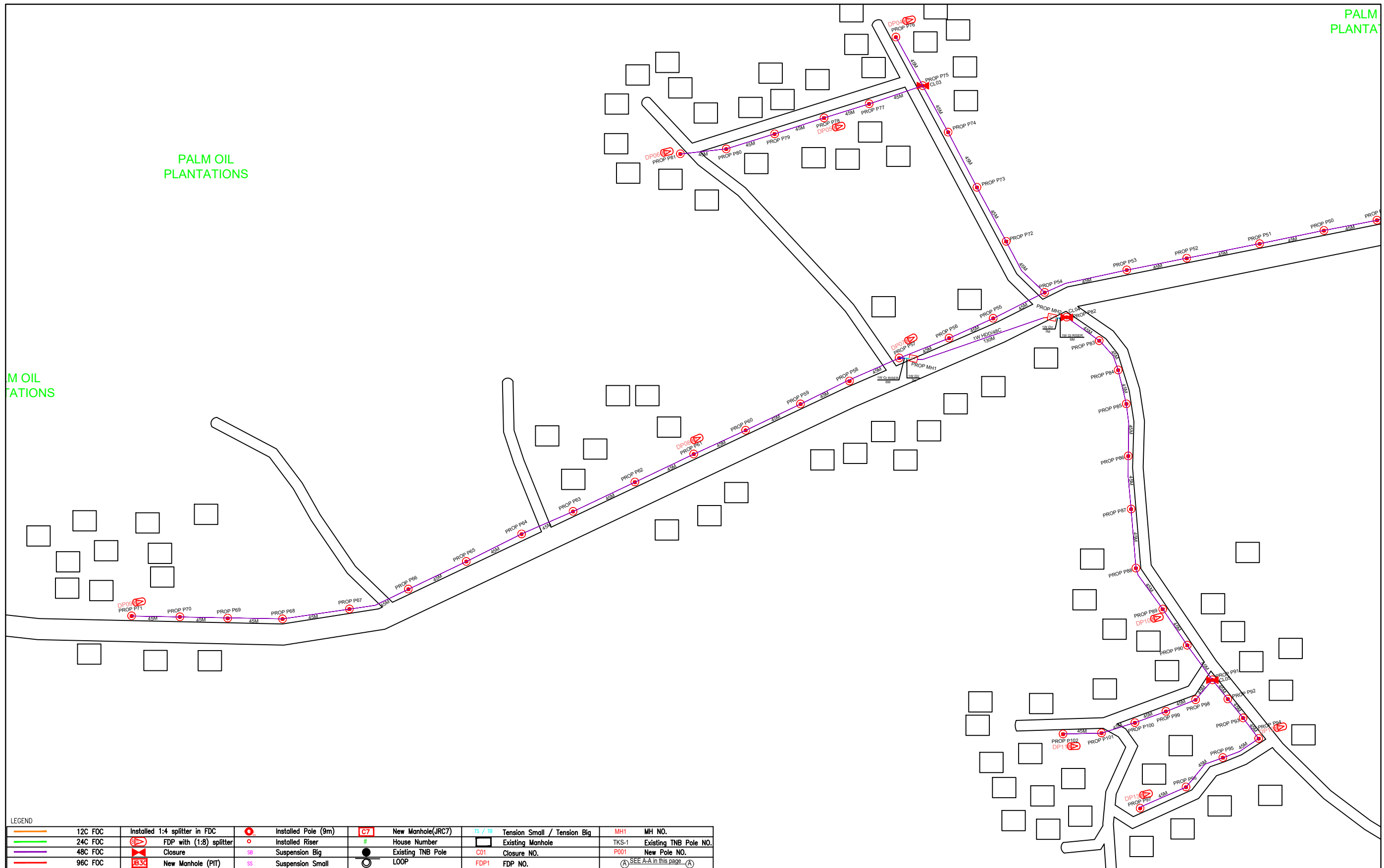
12C FOC	Installed 1:4 splitter in FDC	Installed Pole (9m)	New Manhole(JRC7)	TS / TB	Tension Small / Tension Big	MH1	MH NO.
24C FOC	FDP with (1:8) splitter	Installed Riser	#	Existing Manhole	TKS-1	Existing TNB Pole NO.	
48C FOC	Closure	Suspension Big	Existing TNB Pole	C01	Closure NO.	P001	New Pole NO.
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 XXXX (A)

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: PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK TEBING TINGGI) TO PREMISES PASS AREA	DRAWING TITLE: SK TEBING TINGGI	Design By : ENGINEER Date : DATE
				PROJECT PHASE: PROJECT PHASE	Checked By : ENGINEER Job Number : JOB/NUMBER	DRAWING NUMBER : DRAWING/NUMBER
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PALM PLANTATIONS

PALM OIL PLANTATIONS

PALM OIL PLANTATIONS



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.		(A) SEE A-A in this page (A)
	144C FOC		Installed Pole (7.5M)		FDC		FDP Boundary		FDC NO.		(A) SEE SHEET XXX (A)

KEY PLAN :

KEMENTERIAN KOMUNIKASI DAN DIGITAL

PROJECT OWNER :

PRIVASAT

MAIN 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

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:

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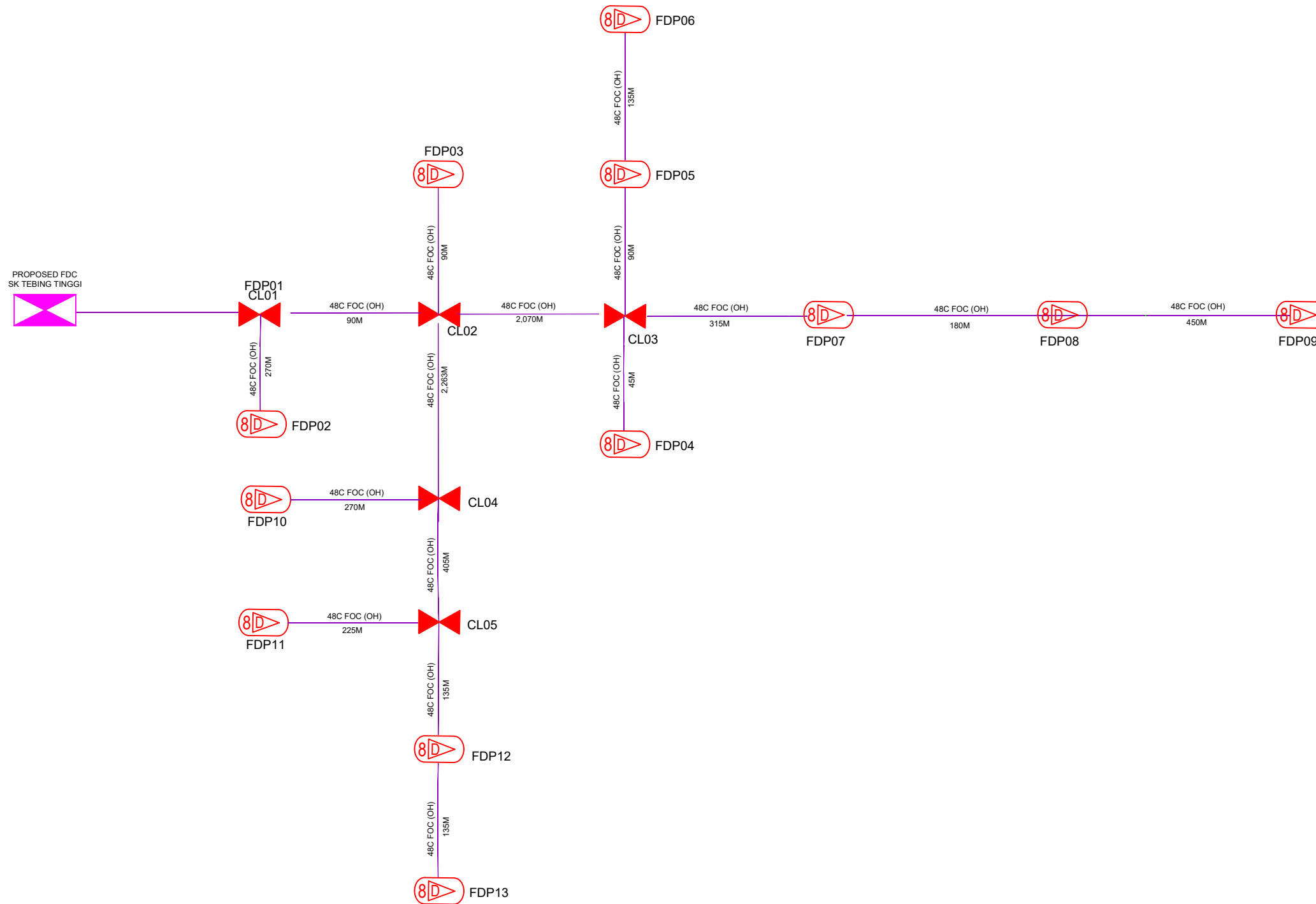
DRAWING TITLE:

SK TEBING TINGGI

PROJECT PHASE:




PROJECT PHASE

Design By : ENGINEER	Date : DATE
Drawn By : CAD ENGINEER	Scale : NTS
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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	#	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 394, 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 TEBING TINGGI) TO PREMISES PASS AREA	DRAWING TITLE: D-SIDE_SK TEBING TINGGI	Design By : ENGINEER	Date : DATE	
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