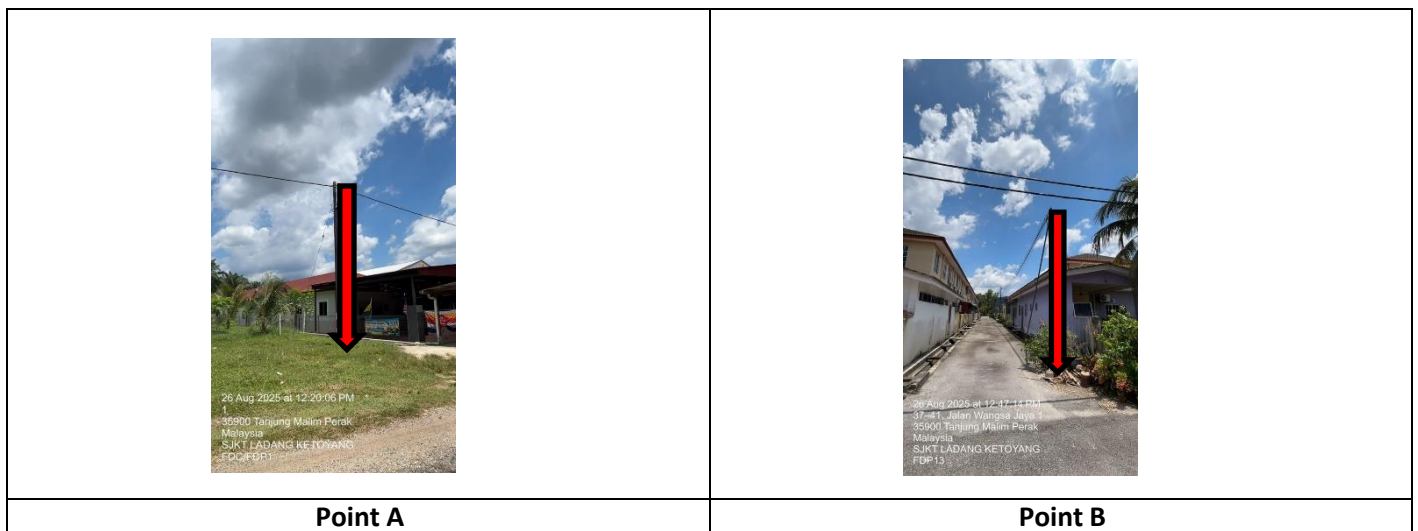


TECHNICAL PROPOSAL (POP2 ABDA007 SEKOLAH JENIS KEBANGSAAN (TAMIL) LADANG KATOYANG (D-SIDE))

Company Name : Archway Mapping Services Sdn. Bhd.
Company Address : No 48-1, Jalan TU39A, Ayer Keroh Melaka
Prepared By : Muhammad Adham
Date : 09/10/2025



Starting Point

Site / Boundary Name : MUALLIM
Address : SJKT LADANG KATOYANG
District : TANJUNG MALIM
Postcode : 35900
State : PERAK
GPS Coordinate : 3.710017, 101.493052
LRD : A

End Point

Site / Boundary Name : MUALLIM
Address : JALAN WANGSA JAYA 1
District : TANJUNG MALIM
Postcode : 35900
State : PERAK
GPS Coordinate : 3.699967, 101.506548
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	1800
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	0
4	Micro Trenching (MT)	m	0
Total			1800

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	2662
2	Install New Pole	ea	32
3	Install New JRC7 Manhole	ea	10
4	Install GI Riser 100mm	m	12
5	Install Fiber Distribution Point	ea	13
6	Install Closure	ea	3
7	Estimated Time Required for Completion	days	31

2.0 LOCAL AUTHORITY SUMMARY

Daerah MUALLIM

Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	1	1800m
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	-	-
		Majlis	18	452m
		Estate / Private Land	14	410m
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				2662m

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

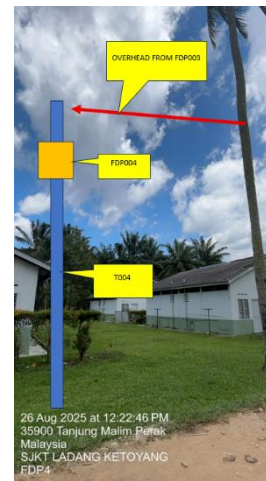
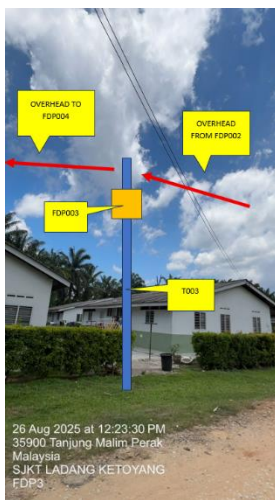
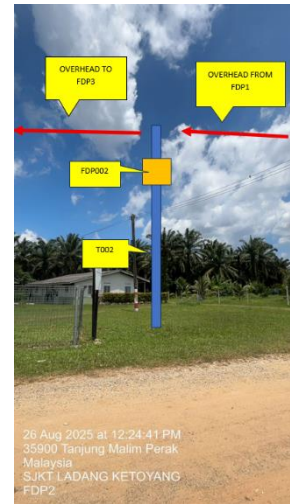
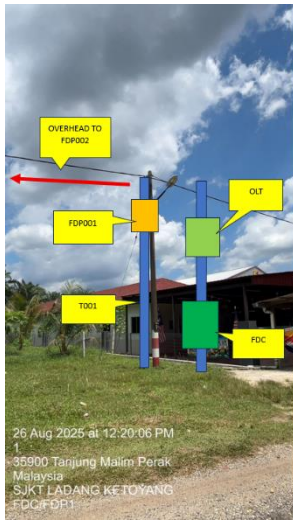
Green Colour – Private Road

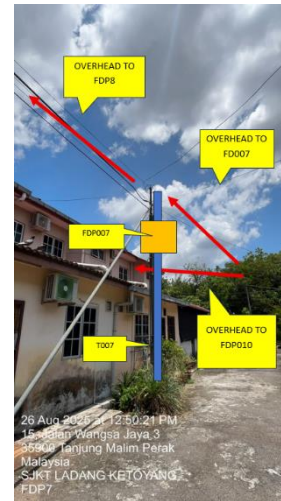
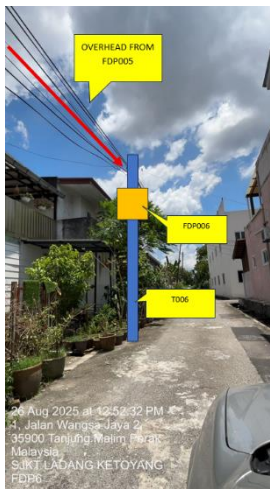
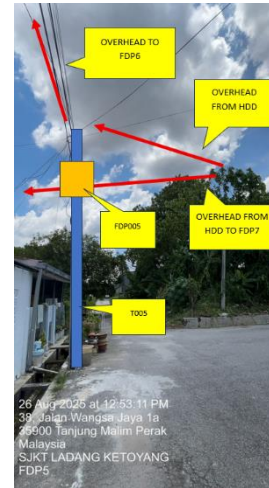
4.0 PROPOSED NEW POLE FDP

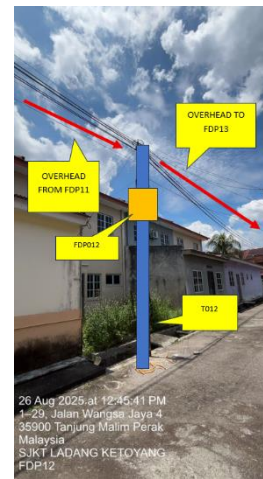
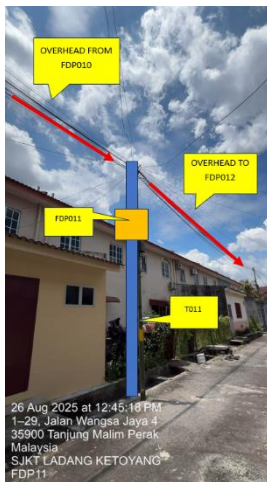
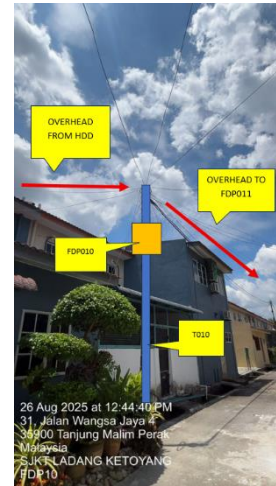
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	0	3.710017	101.493052	Private Road
2	T002	35	3.710001	101.493055	Private Road
3	T003	35	3.709706	101.493071	Private Road
4	T004	35	3.709395	101.493112	Private Road
5	T005	35	3.709122	101.493275	Private Road
6	T006	35	3.708872	101.493473	Private Road
7	T007	35	3.708650	101.493694	Private Road
8	T008	35	3.708416	101.493920	Private Road
9	T009	35	3.710378	101.492984	Private Road
10	T010	35	3.710483	101.493125	Private Road
11	T011	35	3.710362	101.493419	Private Road
12	T012	35	3.710207	101.493689	Private Road
13	T013	35	3.710035	101.493953	Private Road
14	T014	35	3.709900	101.494241	Private Road
15	T015	35	3.701548	101.508012	Majlis Road
16	T016	35	3.701384	101.507739	Majlis Road
17	T017	35	3.701218	101.507471	Majlis Road
18	T018	35	3.701060	101.507232	Majlis Road
19	T019	35	3.700900	101.507231	Majlis Road
20	T020	35	3.700667	101.507375	Majlis Road
21	T021	35	3.701179	101.507150	Majlis Road
22	T022	35	3.701022	101.506860	Majlis Road
23	T023	35	3.700871	101.506622	Majlis Road
24	T024	35	3.700638	101.506749	Majlis Road
25	T025	35	3.700456	101.506857	Majlis Road
26	T026	35	3.700267	101.506970	Majlis Road
27	T027	35	3.700721	101.506397	Majlis Road
28	T028	35	3.700585	101.506186	Majlis Road
29	T029	35	3.700420	101.506279	Majlis Road
30	T030	35	3.700270	101.506371	Majlis Road
31	T031	35	3.700121	101.506460	Majlis Road
32	T032	35	3.699967	101.506548	Majlis Road

BIL	TYPE	7.5m	9m	TOTAL
1	No of Pole	31	1	32

5.0 SITE PHOTOS - PROPOSED NEW POLE

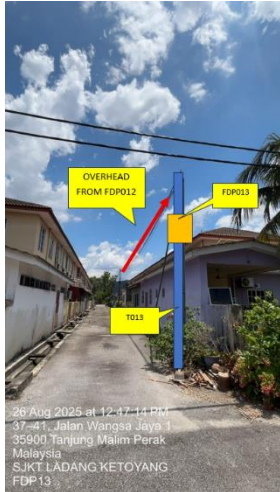








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(KKMM.400-11/17/132(1))



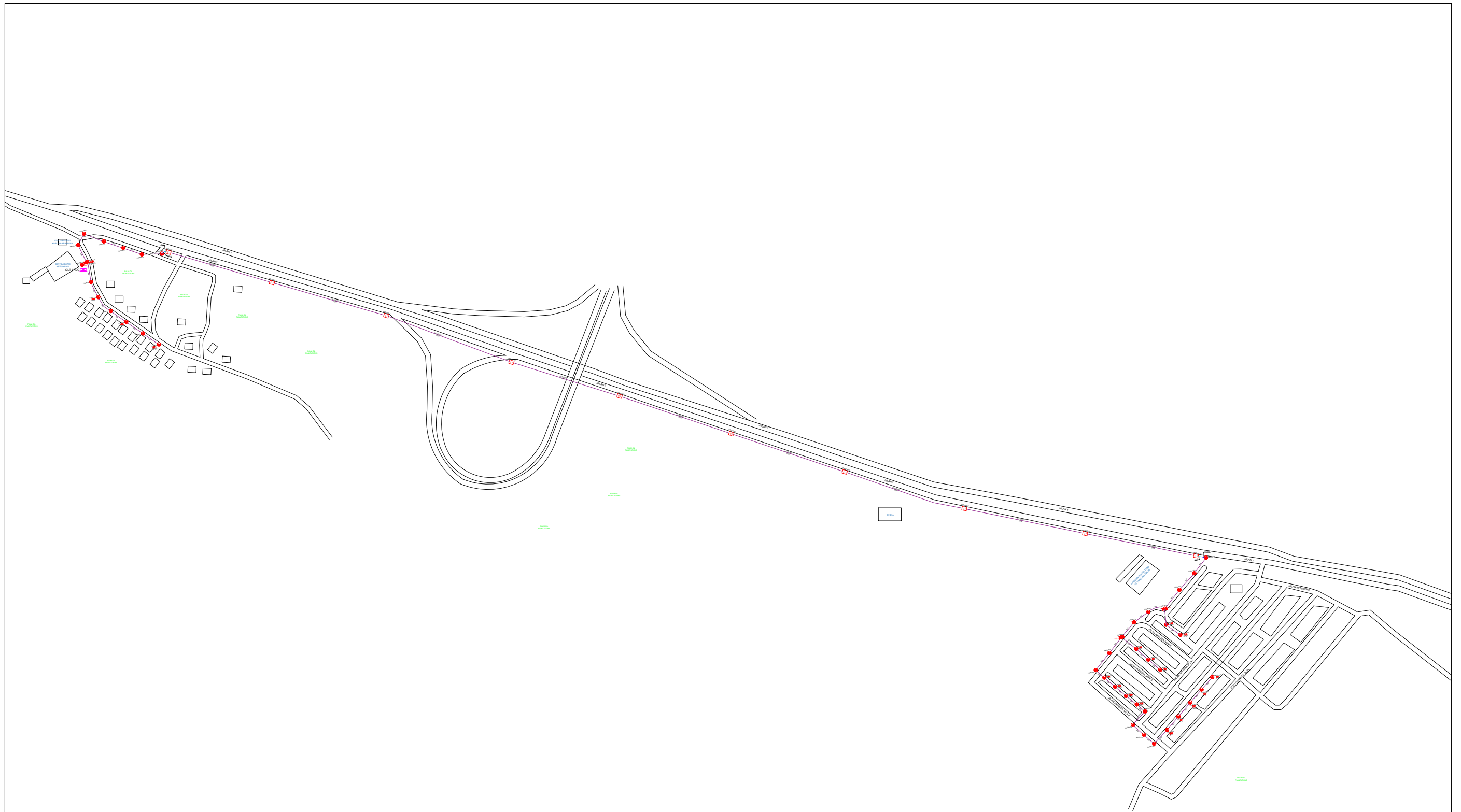


PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN
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SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA
(KKMM.400-11/17/132(1))



6.0 3rd PARTIES DEPENDENCIES

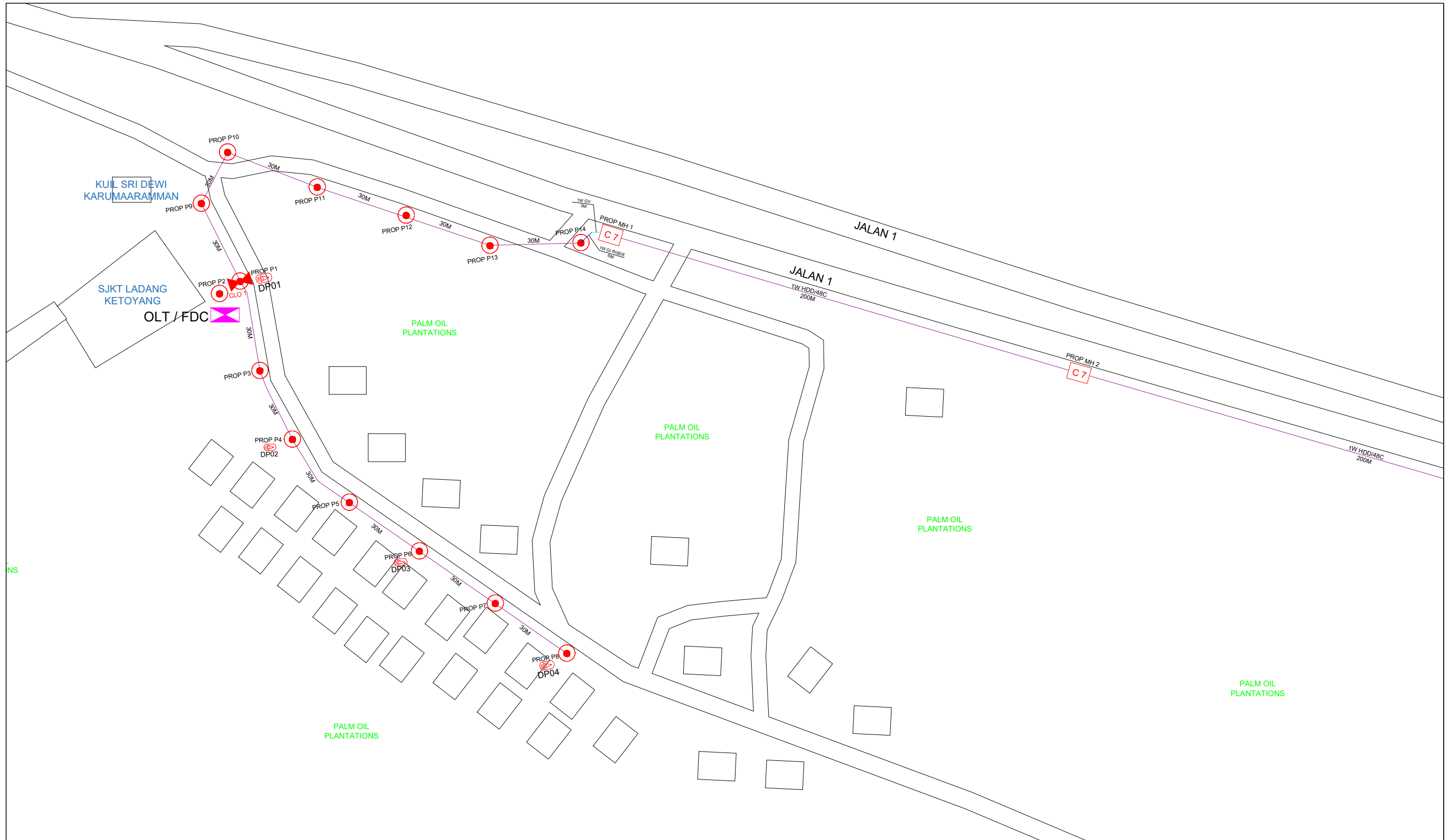
NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Muallim	2662m



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		Closure NO.
	96C FOC		Closure		Suspension Small		LOOP		FDP NO.
	144C FOC		New Manhole (PIT)		FDP		FDP Boundary		FDC NO.
	Installed Pole (7.5M)								SEE A-A in this page
									SEE SHEET XXX

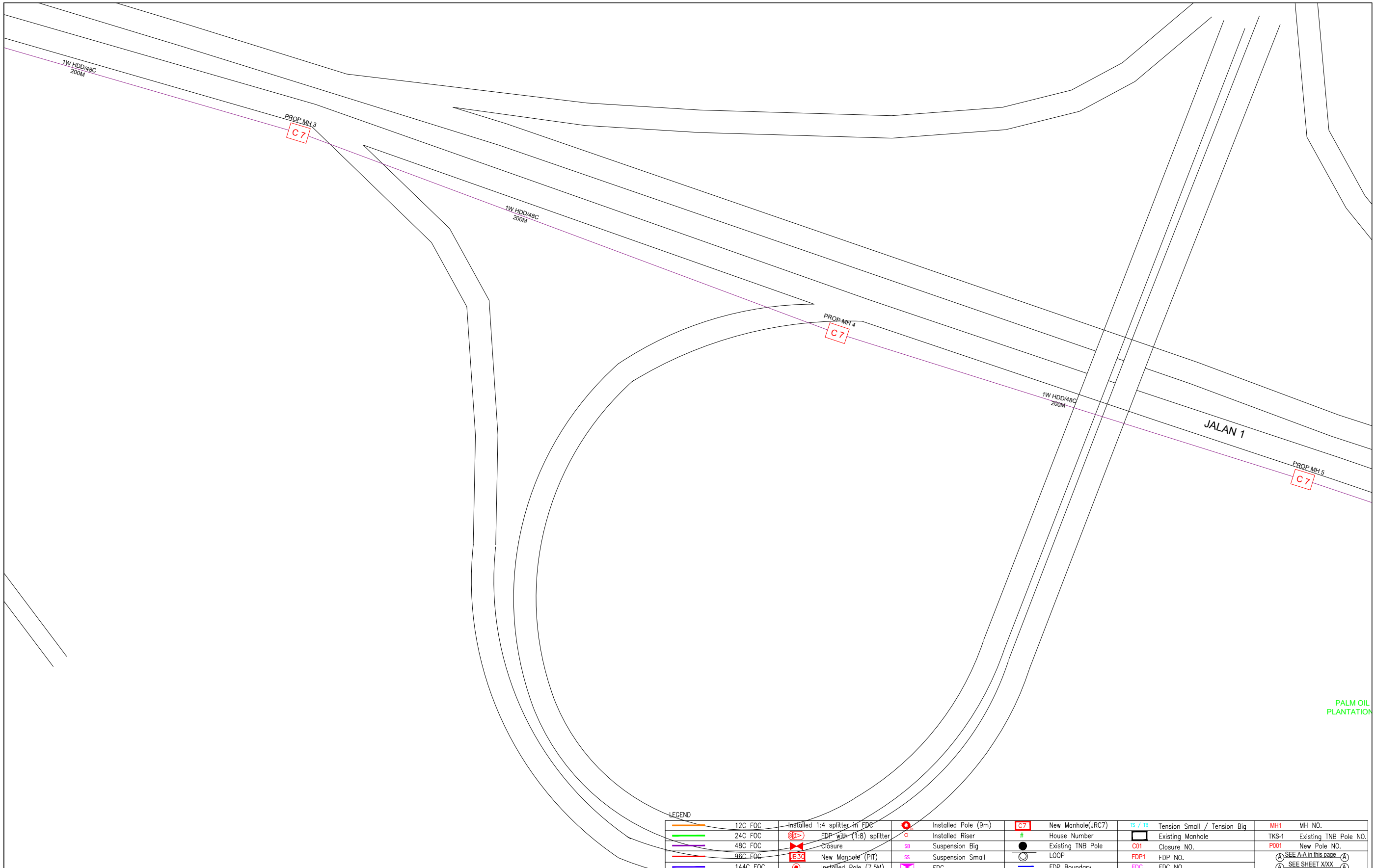
KEY PLAN :	PROJECT OWNER : 	MAIN CONTRACTOR PRIVASAT	SUB-CONTRACTOR : ARCHWAY MAPPING SERVICES SDN BHD No 48 Jalan TU 39A, Taman Tasik Utama, 75450 Ayer Keroh, Melaka Tel: 606-233 9165 Fax: 606-233 9162 Email : info@archwaymalaysia.com Website : www.archwaymalaysia.com	PROJECT TITLE: PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SJKT LADANG KETOYANG) TO PREMISES PASS AREA	DRAWING TITLE: SJKT LADANG KETOYANG	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 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)		Installed Pole (7.5M)		FDC				

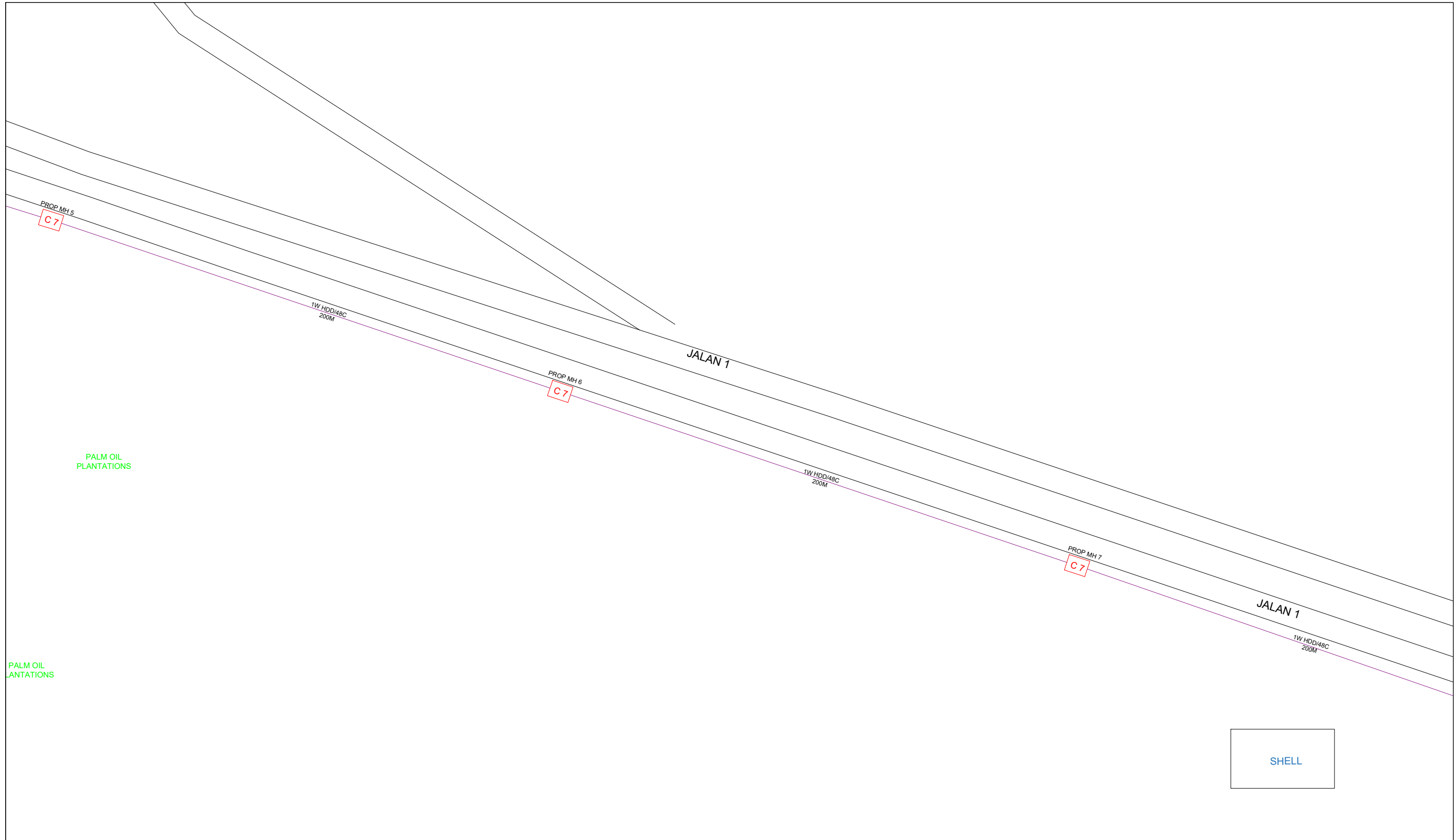
KEY PLAN :	PROJECT OWNER : 	MAIN CONTRACTOR : PRIVASAT	SUB-CONTRACTOR : ARCHWAY MAPPING SERVICES SDN BHD No 48 Jalan TU 39A, Taman Task Utama, 75450 Ayer Keroh, Melaka Tel: 606-233 9165 Fax: 606-233 9162 Email : info@archwaymalaysia.com Website : www.archwaymalaysia.com	PROJECT TITLE: PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SJKT LADANG KETOYANG) TO PREMISES PASS AREA	DRAWING TITLE: SJKT LADANG KETOYANG	Design By : ENGINEER Date : DATE
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						DRAWING NUMBER : DRAWING/NUMBER
						Sheet : 1/5
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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 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 (SJKT LADANG KETOYANG) TO PREMISES PASS AREA	DRAWING TITLE: SJKT LADANG KETOYANG	Design By : ENGINEER	Date : DATE	
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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 AA 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



APEX COMMUNICATIONS SDN BHD



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
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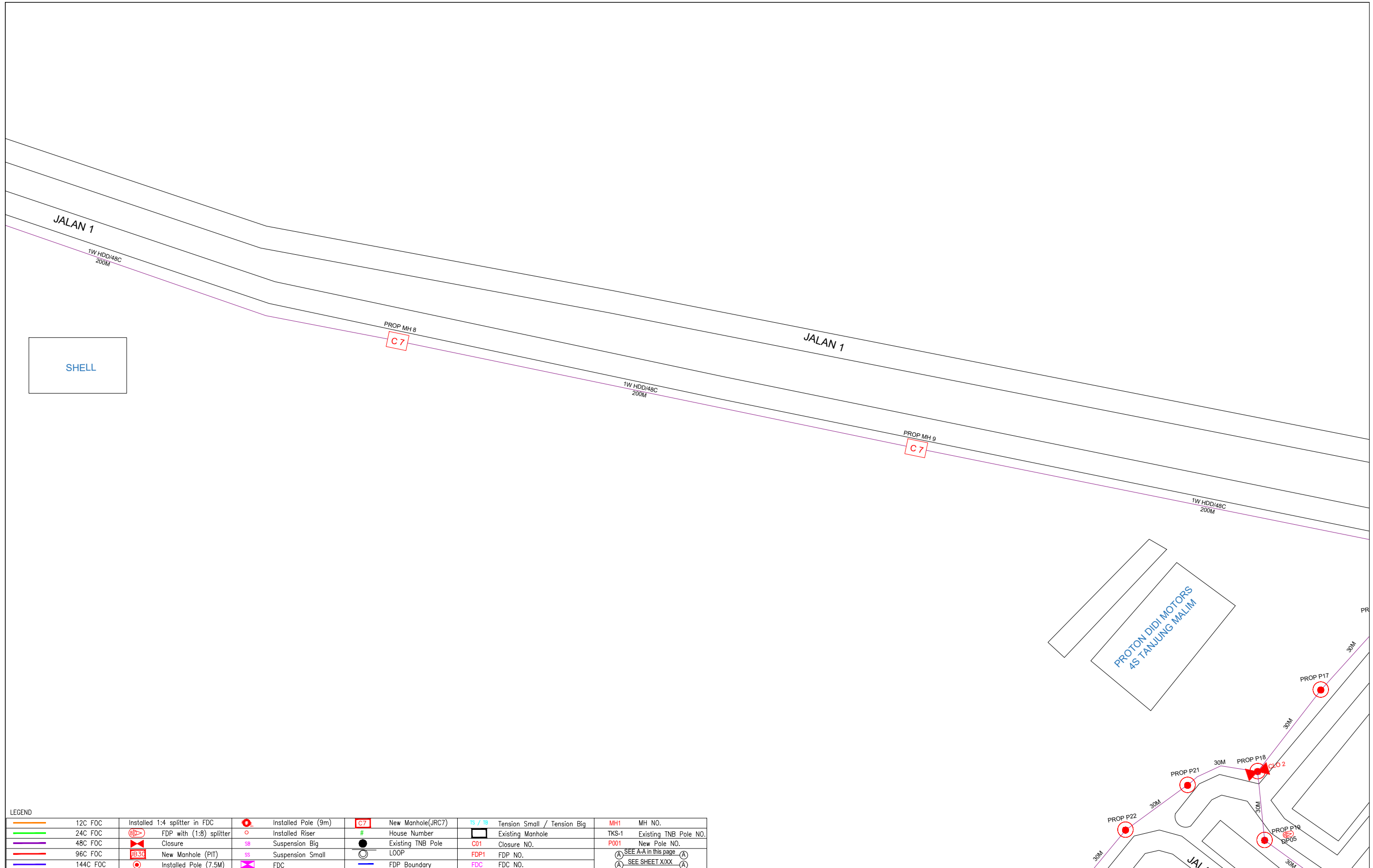
DRAWING TITLE:

SJKT LADANG KETOYANG

PROJECT PHASE:

PROJECT PHASE

Design By : ENGINEER	Date : DATE
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LEGEND			
	12C FOC		Installed Pole (9m)
	24C FOC		Installed Pole (7.5M)
	48C FOC		Installed Pole (7.5M)
	96C FOC		Installed Pole (7.5M)
	144C FOC		Installed Pole (7.5M)
	Installed 1:4 splitter in FDC		Installed Pole (9m)
	FDP with (1:8) splitter		Installed Riser
	Closure		Suspension Big
	New Manhole (PIT)		Suspension Small
	Installed Pole (7.5M)		FDC
	New Manhole(JRC7)		FDP Boundary
	TS / TB Tension Small / Tension Big		Existing Manhole
	House Number		Existing TNB Pole
	Existing Manhole		LOOP
	CLOSURE NO.		FDP NO.
	TKS-1 Existing TNB Pole NO.		FDC NO.
	P001 New Pole NO.		
	(A) SEE A-A in this page (A)		
	(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
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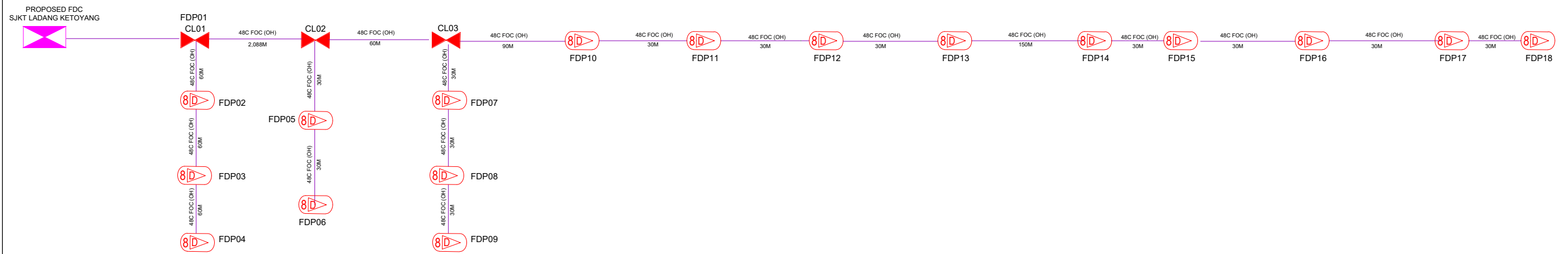
DRAWING TITLE:

SJKT LADANG KETOYANG

PROJECT PHASE:

PROJECT PHASE

Design By : ENGINEER	Date : DATE
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Size : A3	



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.		
	144C FOC		Installed Pole (7.5M)		FDC		FDP Boundary		FDC NO.		

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 (SJKT LADANG KETOYANG) TO PREMISES PASS AREA	DRAWING TITLE: D-SIDE - SJKT LADANG KETOYANG	Design By : ENGINEER	Date : DATE
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