

## TECHNICAL PROPOSAL

### POP2 AFT 6004 MAAHAD AL TARBIAH AL ISLAMIAH (D-SIDE)

**Company Name** : Archway Mapping Services Sdn. Bhd.  
**Company Address** : No 48-1, Jalan TU39A, Ayer Keroh Melaka  
**Prepared By** : Muhammad Adham  
**Date** : 27/11/2024



#### Starting Point

**Site / Boundary Name** : CHANGKAT JERING  
**Address** : MAAHAD AL TARBIAH AL ISLAMIAH  
**District** : LARUT MATANG  
**Postcode** : 34850  
**State** : PERAK  
**GPS Coordinate** : 4.767671, 100.718642  
**LRD** : A

#### End Point

**Site / Boundary Name** : TERONG  
**Address** : JALAN BATU 8, KG CHANGKAT JERING, PERAK  
**District** : LARUT MATANG  
**Postcode** : 34800  
**State** : PERAK  
**GPS Coordinate** : 4.773614,100.709304  
**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			0

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	2366
2	Install New Pole	ea	53
3	Install New JRC7 Manhole	ea	0
4	Install GI Riser 100mm	m	0
5	Install Fiber Distribution Point	ea	15
6	Install Closure	ea	1
7	Estimated Time Required for Completion	days	14

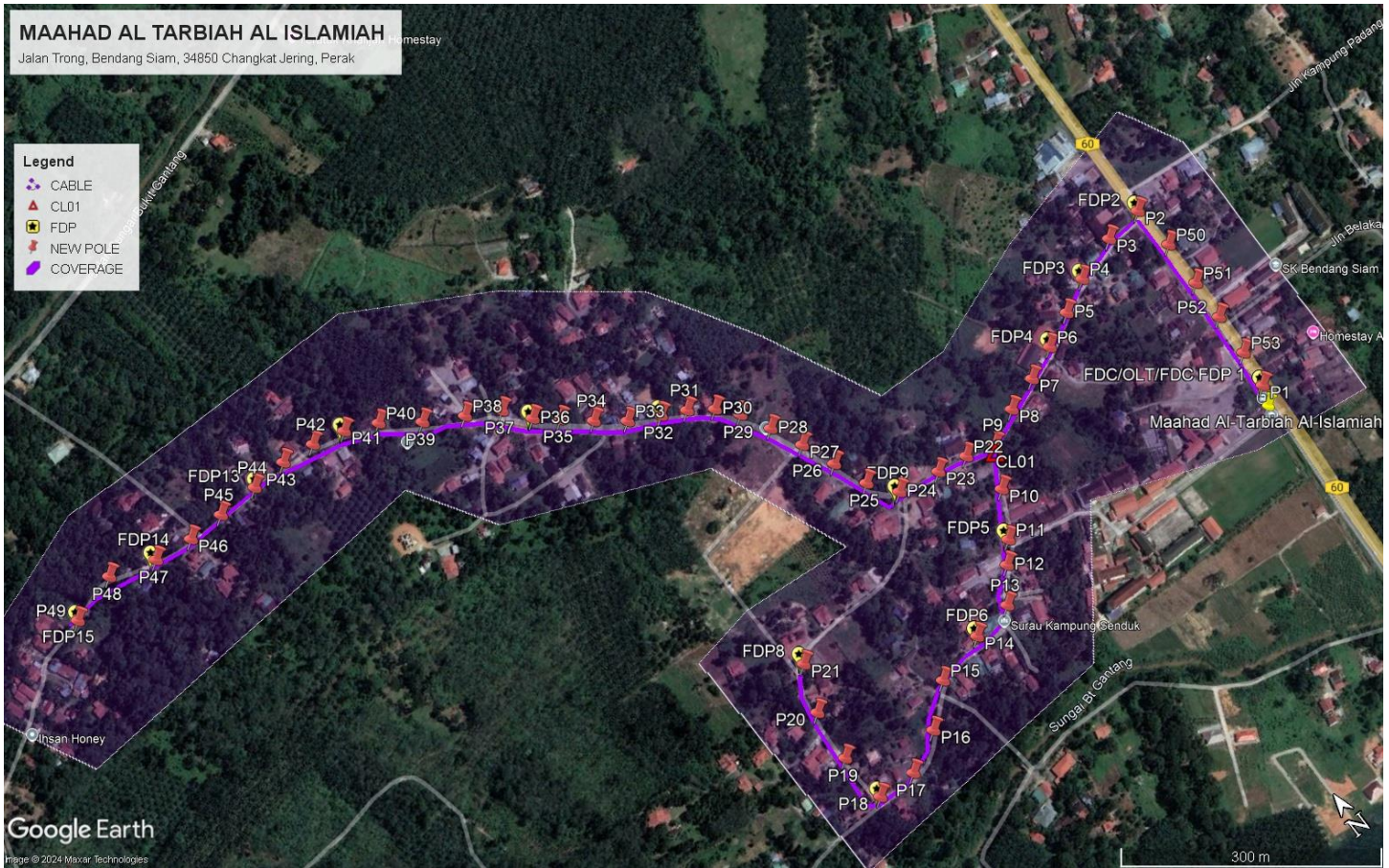
## 2.0 LOCAL AUTHORITY SUMMARY

Daerah Larut Matang

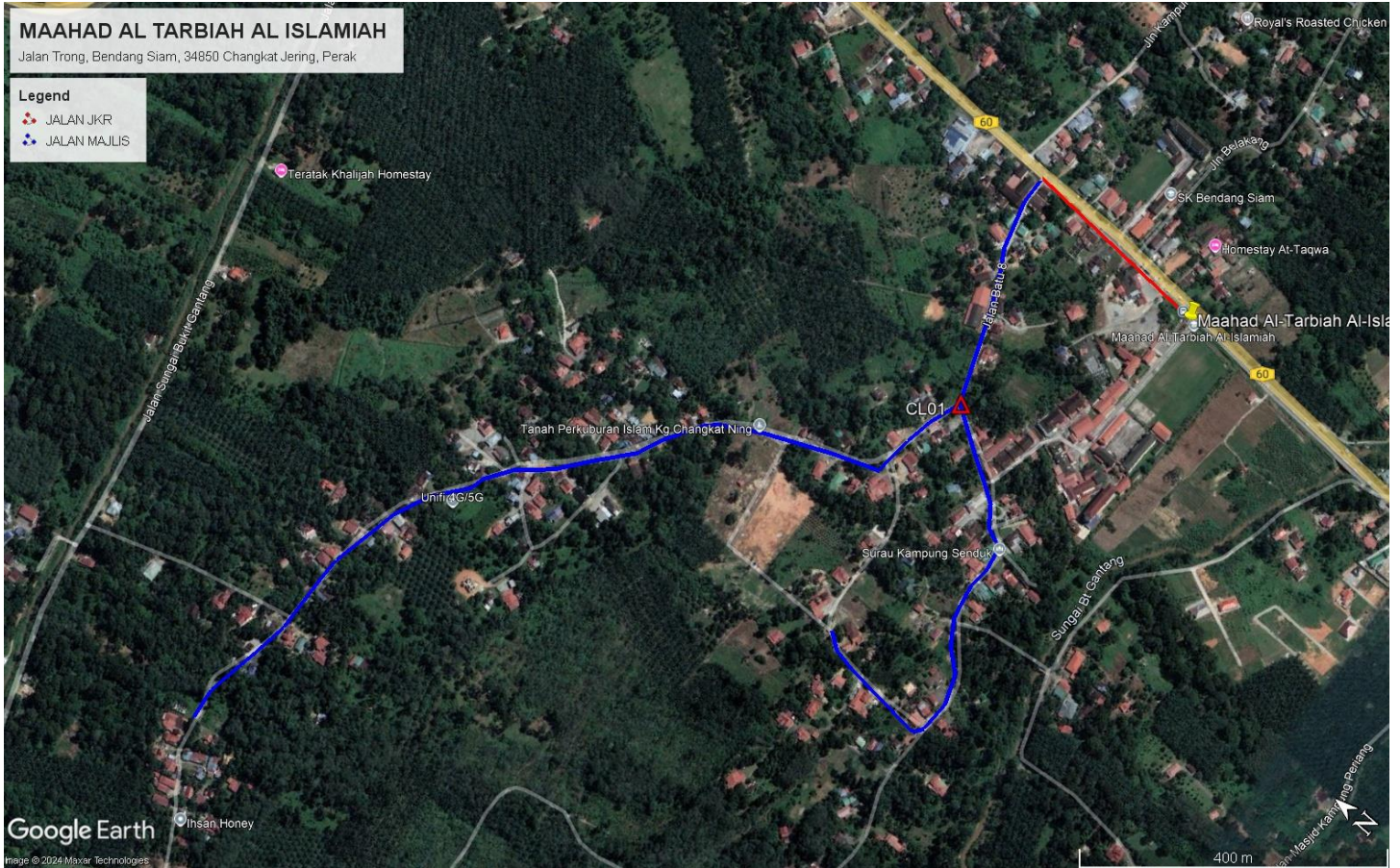
Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	6	243m
		Majlis	47	2117m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				2366m

### 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/FDC	0	4.768141	100.720437	JKR Road
2	T002	243	4.770339	100.720499	JKR Road
3	T003	45	4.770292	100.720093	Majlis Daerah Road
4	T004	45	4.770134	100.71962	Majlis Daerah Road
5	T005	45	4.769957	100.719283	Majlis Daerah Road
6	T006	45	4.769783	100.718934	Majlis Daerah Road
7	T007	45	4.769632	100.718597	Majlis Daerah Road
8	T008	45	4.769508	100.718243	Majlis Daerah Road
9	T009	45	4.769328	100.717879	Majlis Daerah Road
10	T010	45	4.76893	100.717654	Majlis Daerah Road
11	T011	45	4.768477	100.717394	Majlis Daerah Road
12	T012	45	4.768279	100.717224	Majlis Daerah Road
13	T013	45	4.767952	100.716975	Majlis Daerah Road
14	T014	45	4.767889	100.716534	Majlis Daerah Road
15	T015	45	4.767741	100.71598	Majlis Daerah Road
16	T016	45	4.767396	100.715592	Majlis Daerah Road
17	T017	45	4.76718	100.715162	Majlis Daerah Road
18	T018	45	4.767194	100.714745	Majlis Daerah Road
19	T019	45	4.767723	100.714699	Majlis Daerah Road
20	T020	45	4.768267	100.714758	Majlis Daerah Road
21	T021	45	4.768744	100.714948	Majlis Daerah Road
22	T022	45	4.769418	100.717569	Majlis Daerah Road
23	T023	45	4.769467	100.717246	Majlis Daerah Road
24	T024	45	4.769545	100.716803	Majlis Daerah Road
25	T025	45	4.769821	100.716588	Majlis Daerah Road
26	T026	45	4.77018	100.716445	Majlis Daerah Road
27	T027	45	4.770532	100.716302	Majlis Daerah Road
28	T028	45	4.770861	100.716149	Majlis Daerah Road
29	T029	45	4.77116	100.715988	Majlis Daerah Road
30	T030	45	4.771364	100.715816	Majlis Daerah Road
31	T031	45	4.771527	100.715582	Majlis Daerah Road
32	T032	45	4.771649	100.715336	Majlis Daerah Road
33	T033	45	4.771811	100.71503	Majlis Daerah Road
34	T034	45	4.772023	100.714756	Majlis Daerah Road
35	T035	45	4.772244	100.714492	Majlis Daerah Road
36	T036	45	4.772423	100.714272	Majlis Daerah Road
37	T037	45	4.77268	100.714069	Majlis Daerah Road
38	T038	45	4.772865	100.713737	Majlis Daerah Road
39	T039	45	4.773074	100.71336	Majlis Daerah Road
40	T040	45	4.773339	100.712995	Majlis Daerah Road

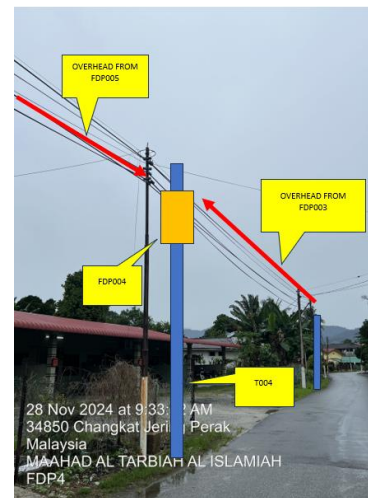
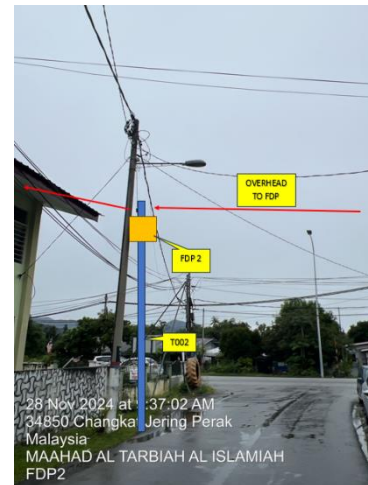


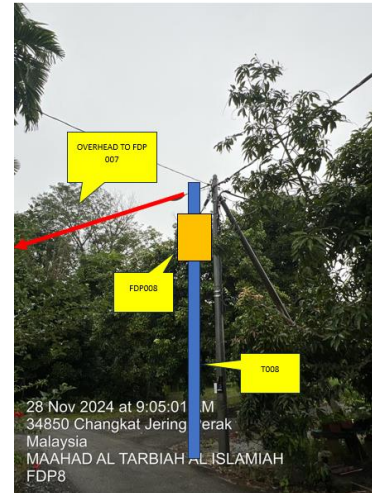
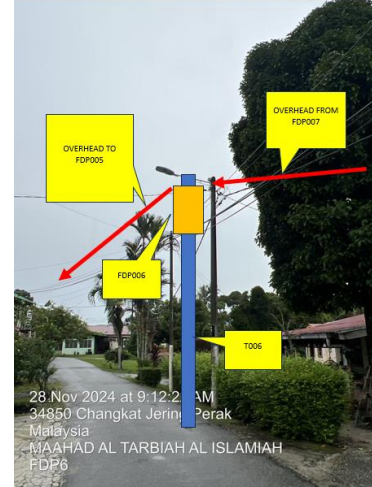
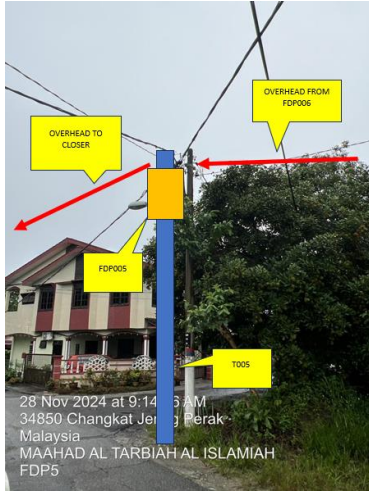
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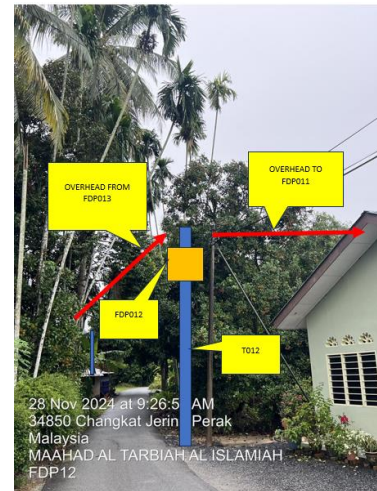
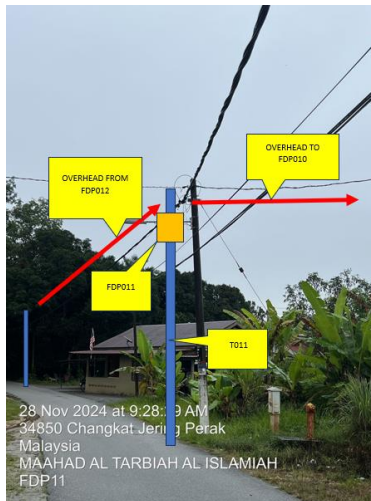
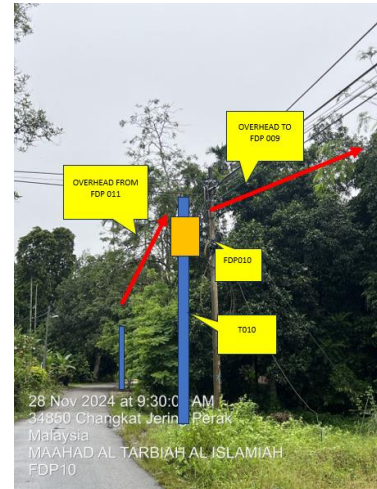
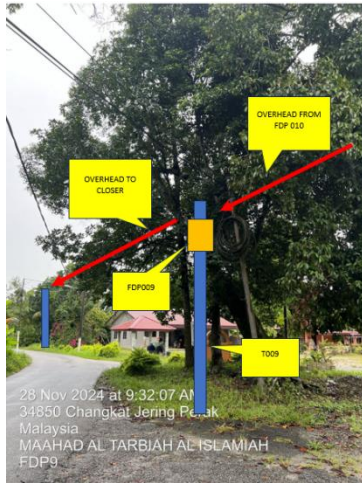


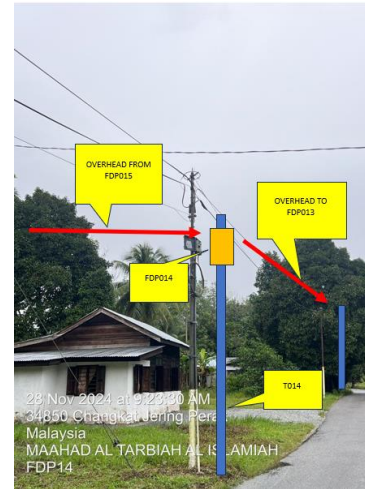
41	T041	45	4.773491	100.712661	Majlis Daerah Road
42	T042	45	4.773579	100.712323	Majlis Daerah Road
43	T043	45	4.773616	100.711971	Majlis Daerah Road
44	T044	45	4.773592	100.711577	Majlis Daerah Road
45	T045	45	4.773583	100.711127	Majlis Daerah Road
46	T046	45	4.773572	100.710735	Majlis Daerah Road
47	T047	45	4.773617	100.71033	Majlis Daerah Road
48	T048	45	4.773771	100.709846	Majlis Daerah Road
49	T049	45	4.773614	100.709304	Majlis Daerah Road
50	T050	45	4.769874	100.720545	JKR Road
51	T051	45	4.769395	100.720522	JKR Road
52	T052	45	4.768970	100.720507	JKR Road
53	T053	45	4.768527	100.720485	JKR Road

5.0 SITE PHOTOS - PROPOSED NEW POLE









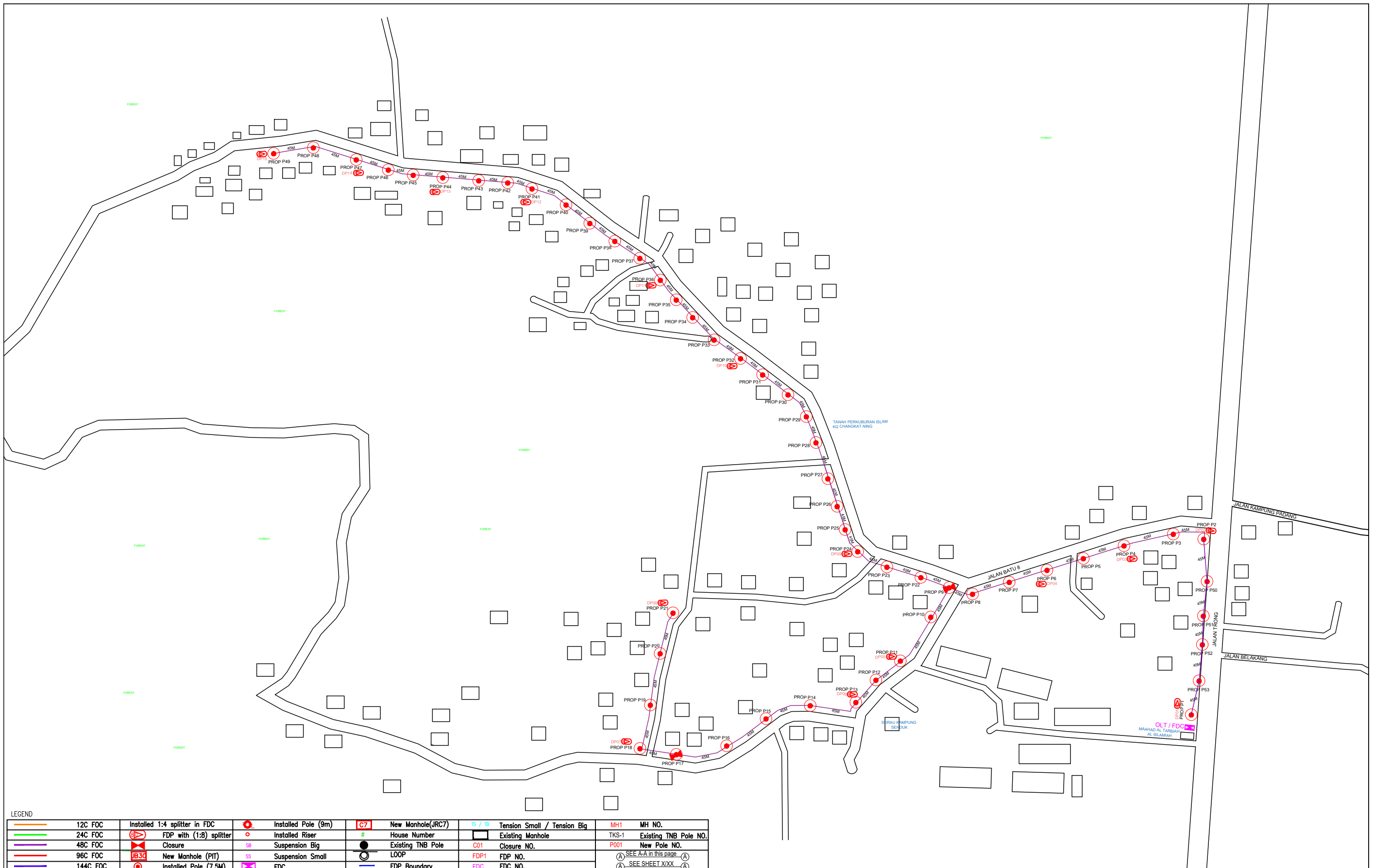


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#### 6.0 3<sup>rd</sup> PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Larut Matang	2366m



KEY PLAN :

PROJECT OWNER :



KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR



APEX 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 (MAHAD AL TARBIAH AL ISLAMIAH) TO PREMISES PASS AREA

DRAWING TITLE:

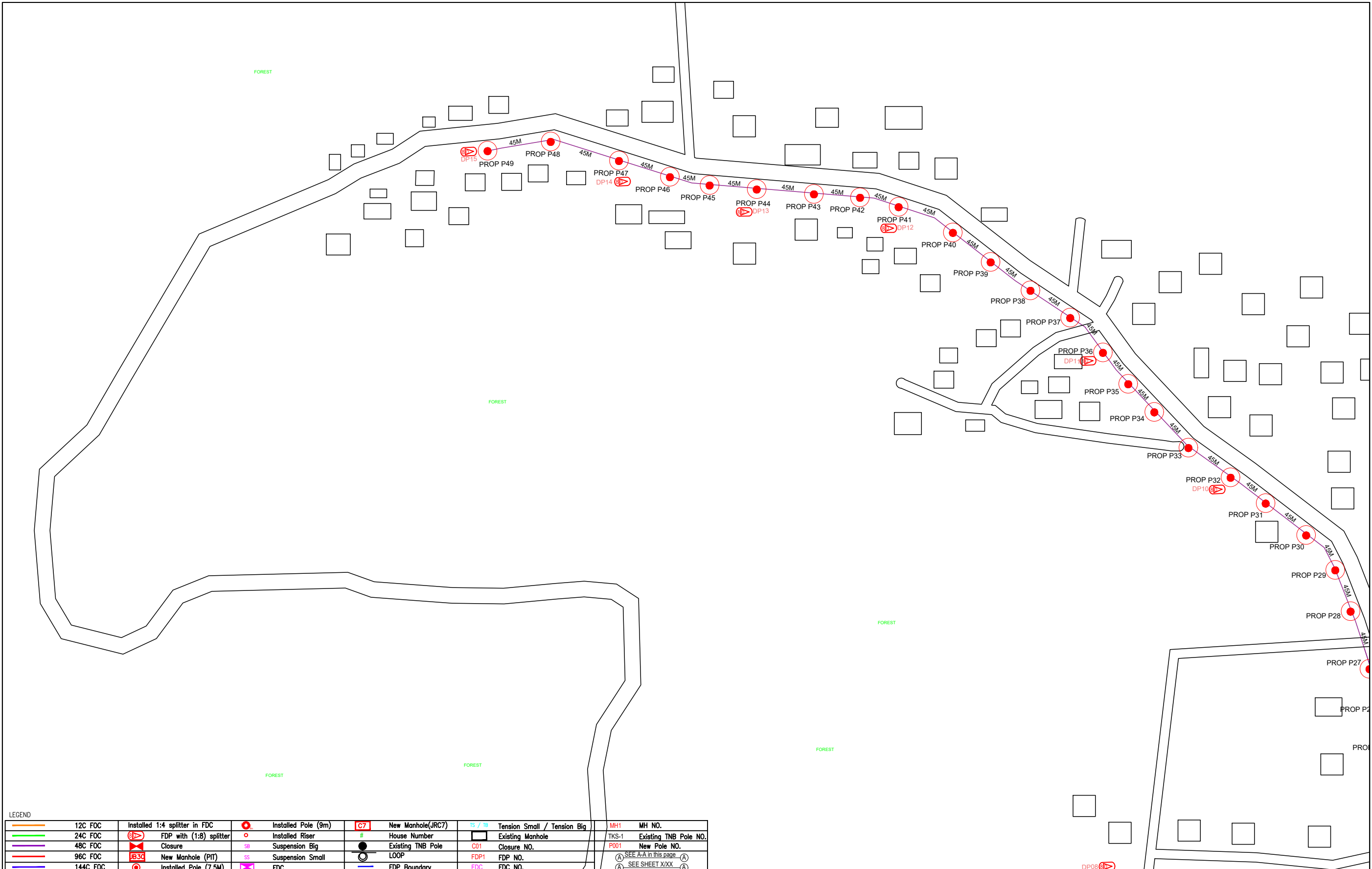
MAHAD AL TARBIAH AL ISLAMIAH

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	Sheet : 1/1
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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		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

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KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR



PRIVASAT

SUB-CONTRACTOR :



ARCHWAY MAPPING SERVICES SDN BHD  
No 48 Jalan TU 39A, Taman Tasik Utama,  
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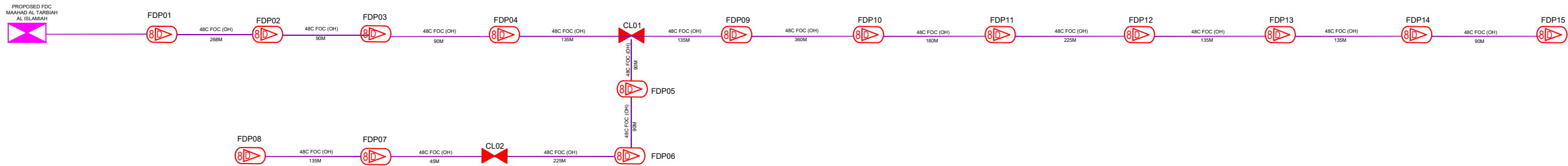
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LEGEND

	12C FOC		Installed 1:4 splitter in FDC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big		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		Closure NO.		FDP1	FDP NO.
	96C FOC		New Manhole (PIT)		Suspension Small		LOOP		FDC NO.		A	SEE A-A in this page
	144C FOC		Installed Pole (7.5M)		FDC		FDP Boundary		A		A	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 (MAAHAD AL TARBIAH AL ISLAMIAH) TO PREMISES PASS AREA	DRAWING TITLE: D-SIDE – MAAHAD AL TARBIAH AL ISLAMIAH	Design By : ENGINEER	Date : DATE
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