



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 ABC 6087 SEKOLAH JENIS KEBANGSAAN CINA YUK CHUEN (D-SIDE)

**Company Name** : Archway Mapping Services Sdn. Bhd.  
**Company Address** : No 48-1, Jalan TU39A, Ayer Keroh Melaka  
**Prepared By** : Muhammad Adham  
**Date** : 28/11/2024



### Starting Point

**Site / Boundary Name** : CHANGKAT JERING  
**Address** : SJKC YUK CHUEN  
**District** : LARUT MATANG  
**Postcode** : 34850  
**State** : PERAK  
**GPS Coordinate** : 4.790372, 100.719637  
**LRD** : A

### End Point

**Site / Boundary Name** : CHANGKAT JERING  
**Address** : TAMAN MENTERI, CHANGKAT JERING, PERAK  
**District** : LARUT MATANG  
**Postcode** : 34850  
**State** : PERAK  
**GPS Coordinate** : 4.794911,100.721391  
**LRD** : B



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## 1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	103
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	6
4	Micro Trenching (MT)	m	0
Total			109

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	1248
2	Install New Pole	ea	26
3	Install New JRC7 Manhole	ea	2
4	Install GI Riser 100mm	m	12
5	Install Fiber Distribution Point	ea	17
6	Install Closure	ea	0
7	Estimated Time Required for Completion	days	14

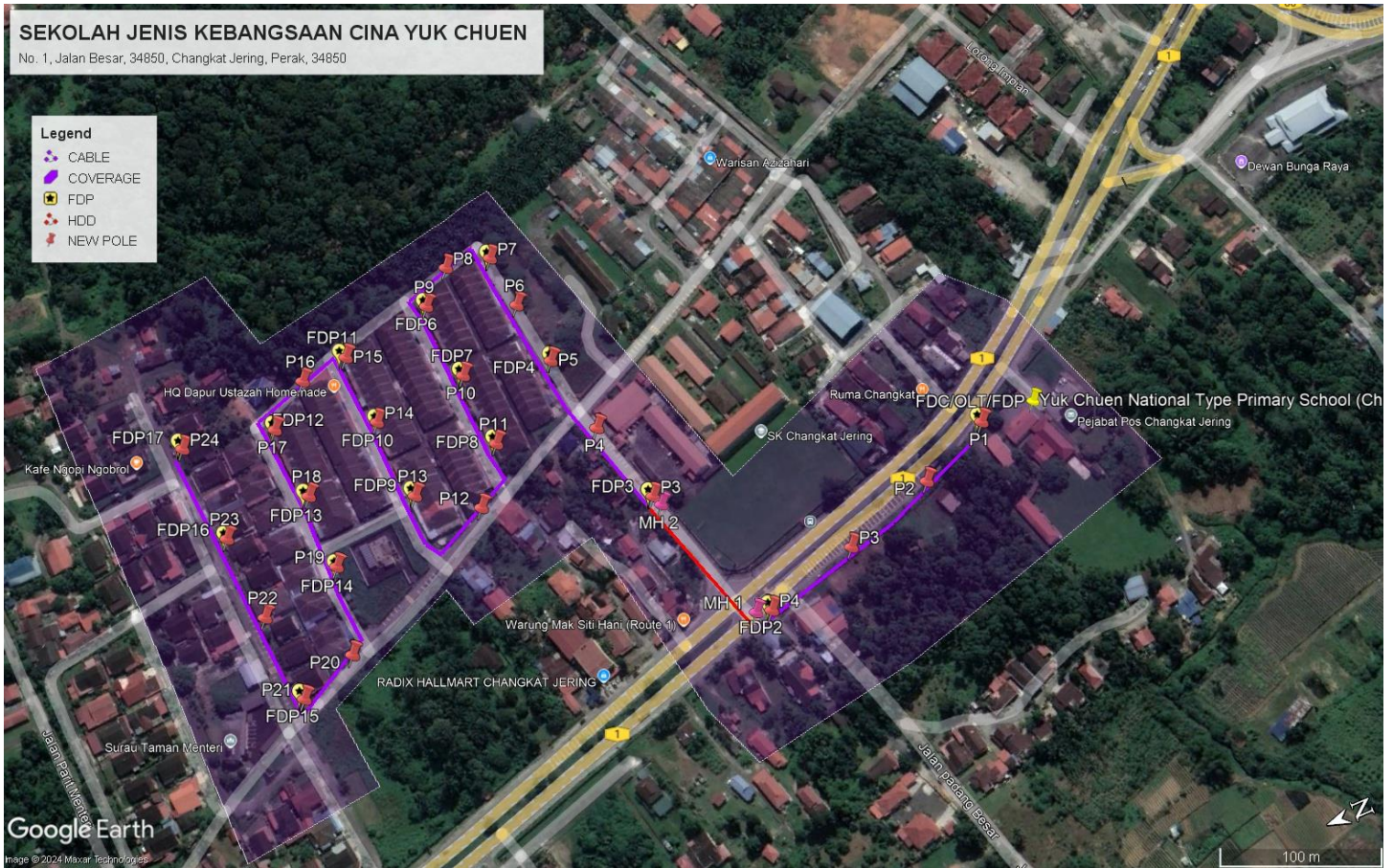
## 2.0 LOCAL AUTHORITY SUMMARY

Daerah Larut Matang

Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	1	109m
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	4	183m
		Majlis	22	1065m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				1357m

### 3.0 SITE PLAN (KMZ)

#### 3.1 Overview Site Area



### 3.2 Site Plan - KMZ Routing (All Local Authority)



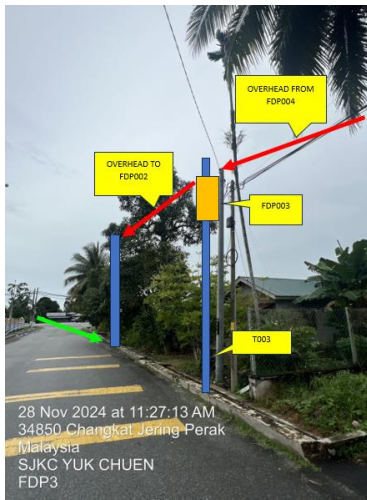
Red Colour – JKR Road

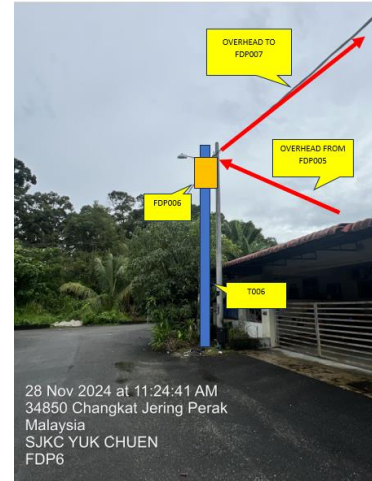
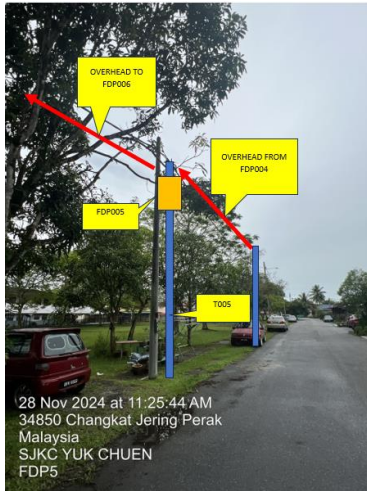
Blue Colour - Majlis Road

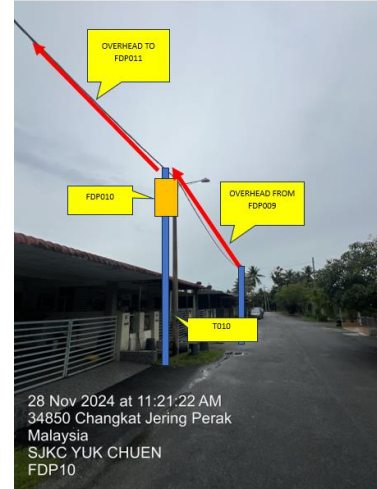
#### 4.0 PROPOSED NEW POLE FDP

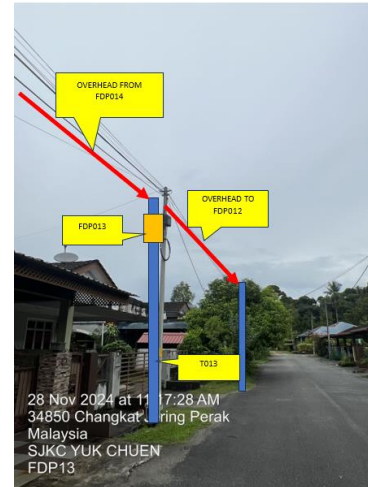
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001/FDC	0	4.790598	100.719699	JKR Road
2	T002	45	4.791037	100.71951	JKR Road
3	T003	45	4.791586	100.719337	JKR Road
4	T004	45	4.792147	100.719188	JKR Road
5	T005	109	4.792515	100.720056	Majlis Daerah Road
6	T006	45	4.792659	100.720554	Majlis Daerah Road
7	T007	45	4.792753	100.721027	Majlis Daerah Road
8	T008	45	4.79281	100.721414	Majlis Daerah Road
9	T009	45	4.792848	100.721737	Majlis Daerah Road
10	T010	45	4.793109	100.721787	Majlis Daerah Road
11	T011	45	4.793301	100.721615	Majlis Daerah Road
12	T012	45	4.793256	100.721146	Majlis Daerah Road
13	T013	45	4.79323	100.720699	Majlis Daerah Road
14	T014	45	4.793448	100.720388	Majlis Daerah Road
15	T015	45	4.793774	100.720603	Majlis Daerah Road
16	T016	45	4.793817	100.721089	Majlis Daerah Road
17	T017	45	4.793845	100.721517	Majlis Daerah Road
18	T018	45	4.794129	100.721487	Majlis Daerah Road
19	T019	45	4.79438	100.721284	Majlis Daerah Road
20	T020	45	4.794334	100.720842	Majlis Daerah Road
21	T021	45	4.794337	100.720403	Majlis Daerah Road
22	T022	45	4.794434	100.719902	Majlis Daerah Road
23	T023T	45	4.794773	100.719779	Majlis Daerah Road
24	O24	45	4.794816	100.720294	Majlis Daerah Road
25	T025	45	4.794858	100.720801	Majlis Daerah Road
26	T026	45	4.794911	100.721391	Majlis Daerah Road

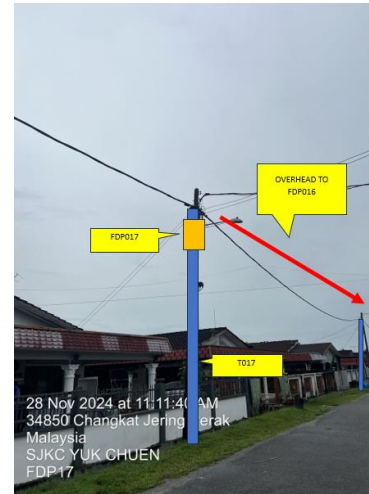
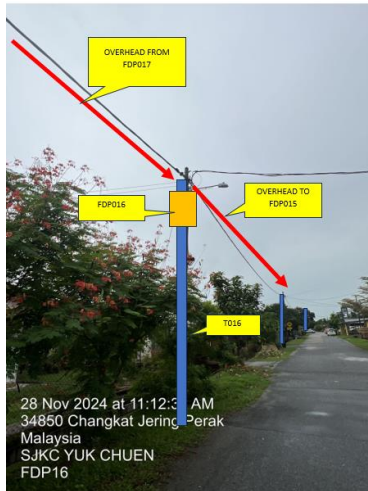
5.0 SITE PHOTOS - PROPOSED NEW POLE













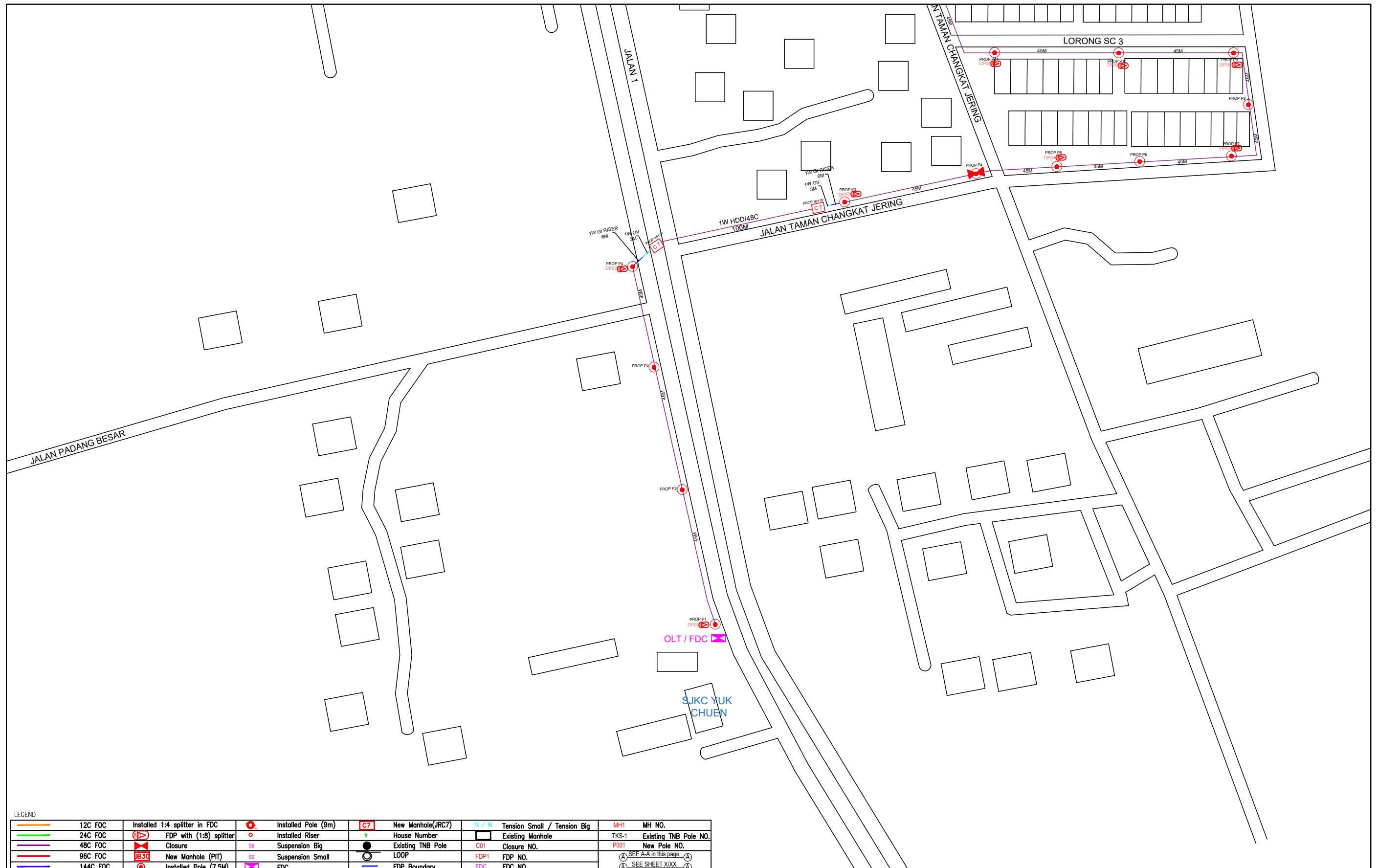
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## 6.0 3<sup>rd</sup> PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Larut Matang	1357m



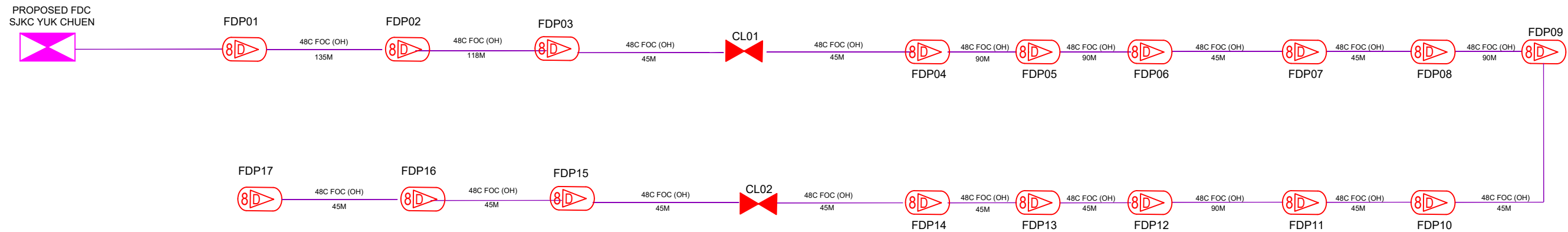


LEGEND

	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.		P001	New Pole NO.
	96C FOC		New Manhole (PIT)		Suspension Small		LOOP		FDP NO.		A	SEE A-A in this page
	144C FOC		Installed Pole (7.5M)		FDC		FDP Boundary		FDC NO.		A	SEE SHEET XXX

KEY PLAN :	PROJECT OWNER :	MAIN CONTRACTOR :	SUB-CONTRACTOR :	PROJECT TITLE:	DRAWING TITLE:	Design By : ENGINEER	Date : DATE
				PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SJKC YUK CHUEN) TO PREMISES PASS AREA	SJKC YUK CHUEN	Drawn By : CAD ENGINEER	Scale : NTS
						Checked By : ENGINEER	Job Number : JOB/NUMBER
			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			DRAWING NUMBER :	Sheet : 1/2
					PROJECT PHASE:	DRAWING/NUMBER	Size : A3
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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  <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 (SJKC YUK CHUEN) TO PREMISES PASS AREA	DRAWING TITLE: D-SIDE - SJKC YUK CHUEN	Design By : ENGINEER Date : DATE
				PROJECT PHASE: PROJECT PHASE	Checked By : ENGINEER Job Number : JOB/NUMBER	Scale : NTS
DRAWING NUMBER :						Sheet : 1/1
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