



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 ABB8301 SEKOLAH KEBANGSAAN ISKANDAR SHAH (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** : PERAK TENGAH  
**Address** : SK ISKANDAR SHAH  
**District** : PARIT  
**Postcode** : 32800  
**State** : PERAK  
**GPS Coordinate** : 4.475129, 100.911963  
**LRD** : A

### End Point

**Site / Boundary Name** : PERAK TENGAH  
**Address** : LRG PARIT  
**District** : PARIT  
**Postcode** : 32800  
**State** : PERAK  
**GPS Coordinate** : 4.477472, 100.912019  
**LRD** : B



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## 1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	280
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	0
4	Micro Trenching (MT)	m	0
Total			280

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	1528
2	Install New Pole	ea	38
3	Install New JRC7 Manhole	ea	4
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	21

## 2.0 LOCAL AUTHORITY SUMMARY

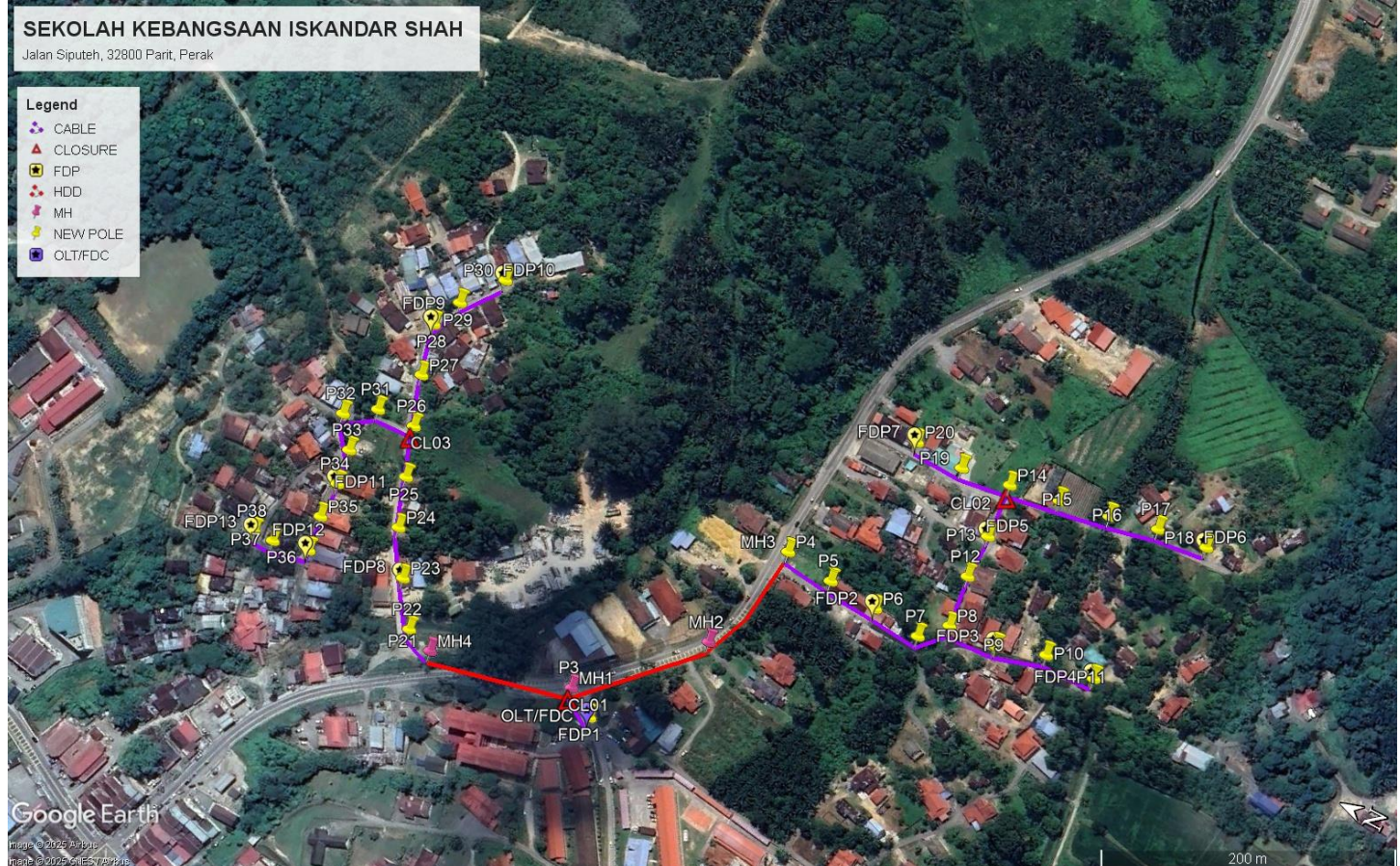
Daerah Perak Tengah

Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	1	280
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	2	-
		Majlis	36	1248m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				1528m

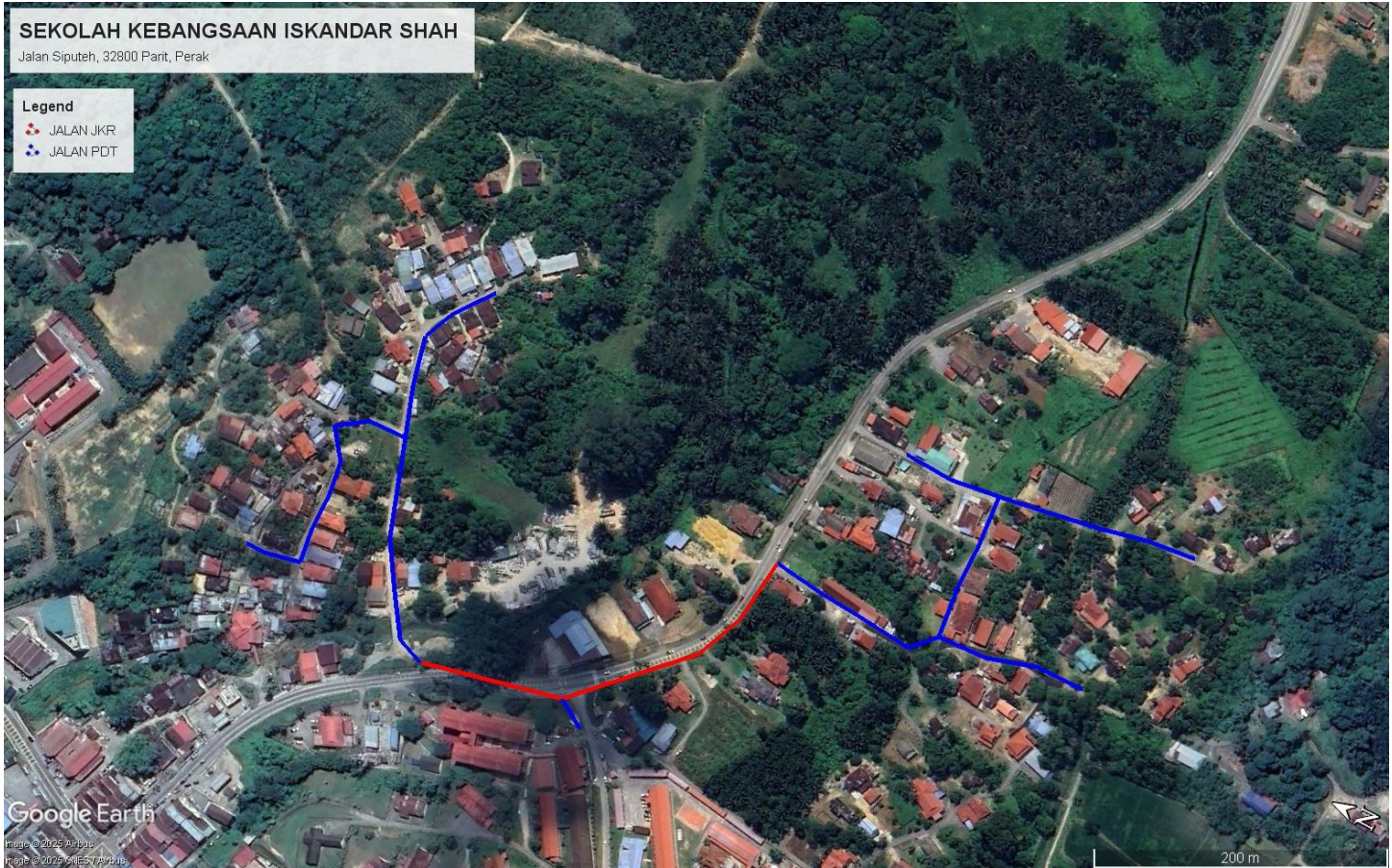
### 3.0 SITE PLAN (KMZ)

#### 3.1 Overview Site Area

5.017300



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



**Red Colour – JKR Road**

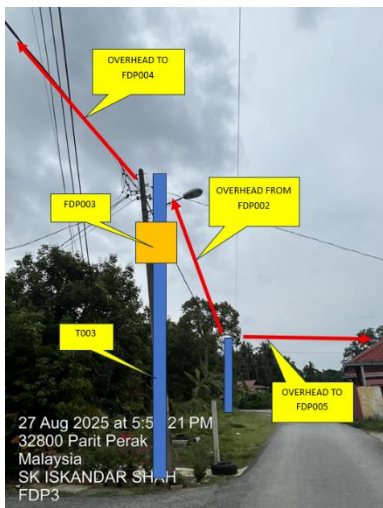
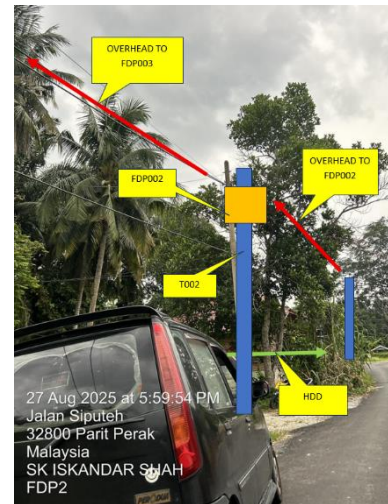
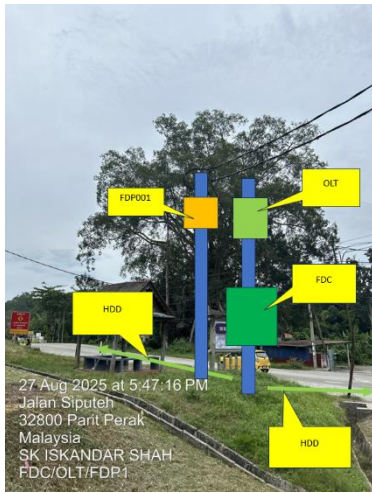
**Blue Colour - PDT Roa**

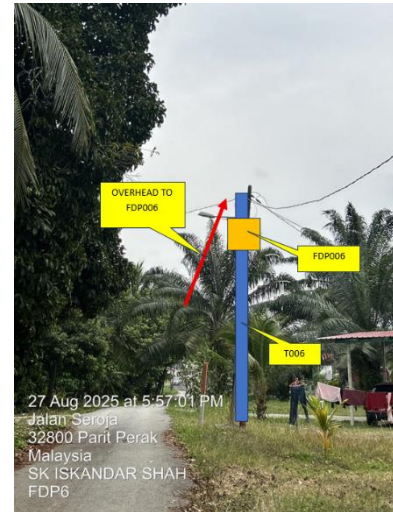
#### 4.0 PROPOSED NEW POLE FDP

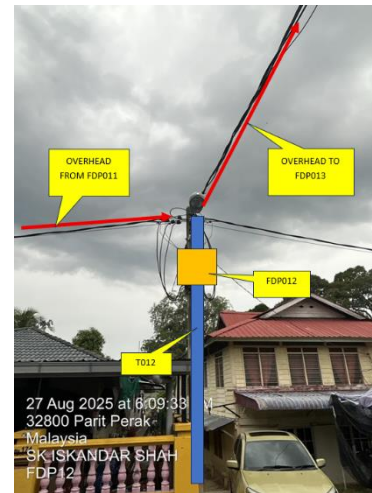
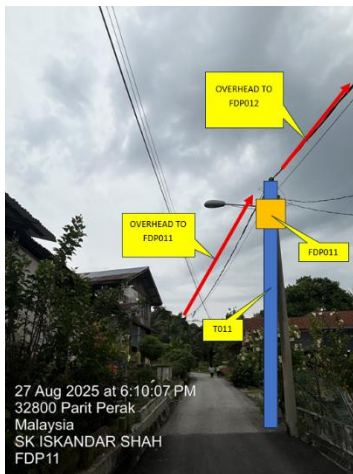
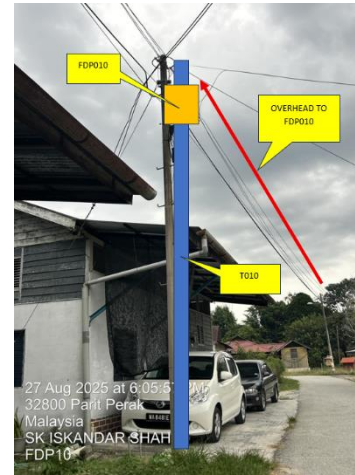
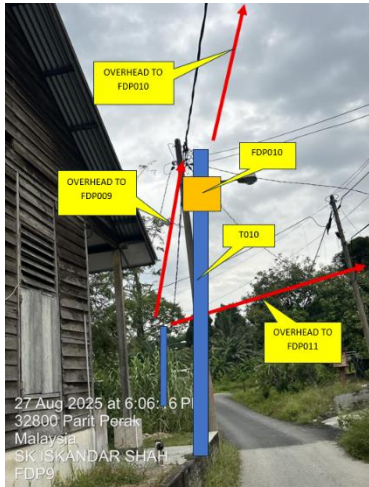
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	0	4.475129	100.911963	PDT Road
2	T002	35	4.475129	100.911965	PDT Road
3	T003	35	4.475312	100.912073	JKR Road
4	T004	35	4.474524	100.913429	JKR Road
5	T005	35	4.474210	100.913392	PDT Road
6	T006	35	4.473891	100.913369	PDT Road
7	T007	35	4.473582	100.913341	PDT Road
8	T008	35	4.473441	100.913488	PDT Road
9	T009	35	4.473131	100.913508	PDT Road
10	T010	35	4.472834	100.913605	PDT Road
11	T011	35	4.472510	100.913613	PDT Road
12	T012	35	4.473483	100.913807	PDT Road
13	T013	35	4.473486	100.914083	PDT Road
14	T014	35	4.473514	100.914424	PDT Road
15	T015	35	4.473201	100.914480	PDT Road
16	T016	35	4.472886	100.914538	PDT Road
17	T017	35	4.472586	100.914607	PDT Road
18	T018	35	4.472273	100.914645	PDT Road
19	T019	35	4.473823	100.914379	PDT Road
20	T020	35	4.474138	100.914392	PDT Road
21	T021	35	4.476182	100.911870	PDT Road
22	T022	35	4.476354	100.911927	PDT Road
23	T023	35	4.476534	100.912187	PDT Road
24	T024	35	4.476701	100.912450	PDT Road
25	T025	35	4.476804	100.912746	PDT Road
26	T026	35	4.476907	100.913043	PDT Road
27	T027	35	4.477011	100.913343	PDT Road
28	T028	35	4.477090	100.913655	PDT Road
29	T029	35	4.477008	100.913846	PDT Road
30	T030	35	4.476826	100.914097	PDT Road
31	T031	35	4.477148	100.913032	PDT Road
32	T032	35	4.477326	100.912910	PDT Road
33	T033	35	4.477189	100.912730	PDT Road
34	T034	35	4.477157	100.912512	PDT Road
35	T035	35	4.477155	100.912287	PDT Road
36	T036	35	4.477124	100.912070	PDT Road
37	T037	35	4.477345	100.912020	PDT Road
38	T038	35	4.477472	100.912019	PDT Road

BIL	TYPE	7.5m	9m	TOTAL
1	No of Pole	37	1	38

5.0 SITE PHOTOS - PROPOSED NEW POLE

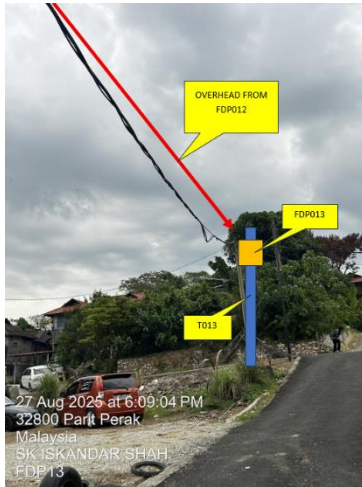








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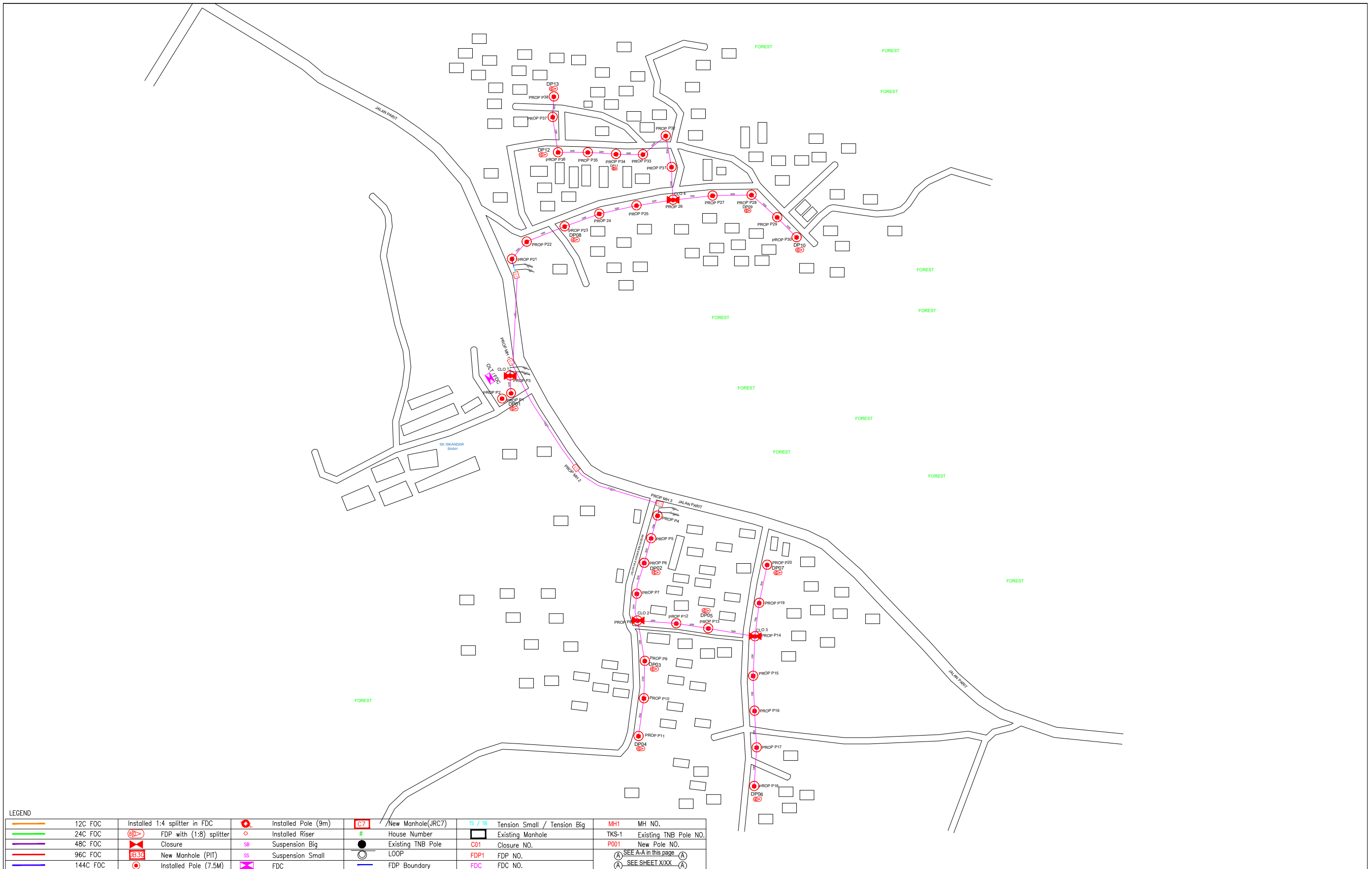


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## 6.0 3<sup>rd</sup> PARTIES DEPENDENCIES

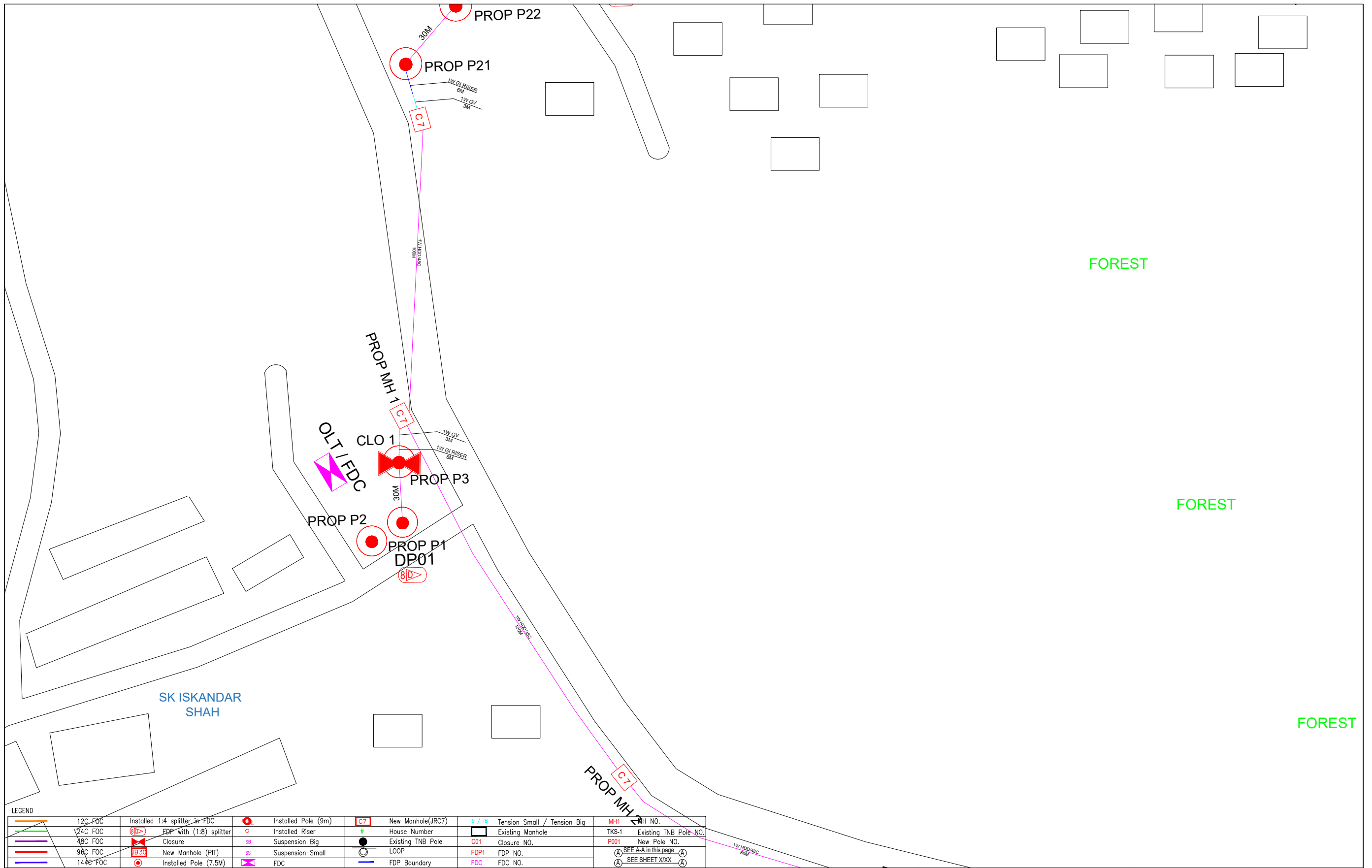
NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Perak Tengah	1528m



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

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

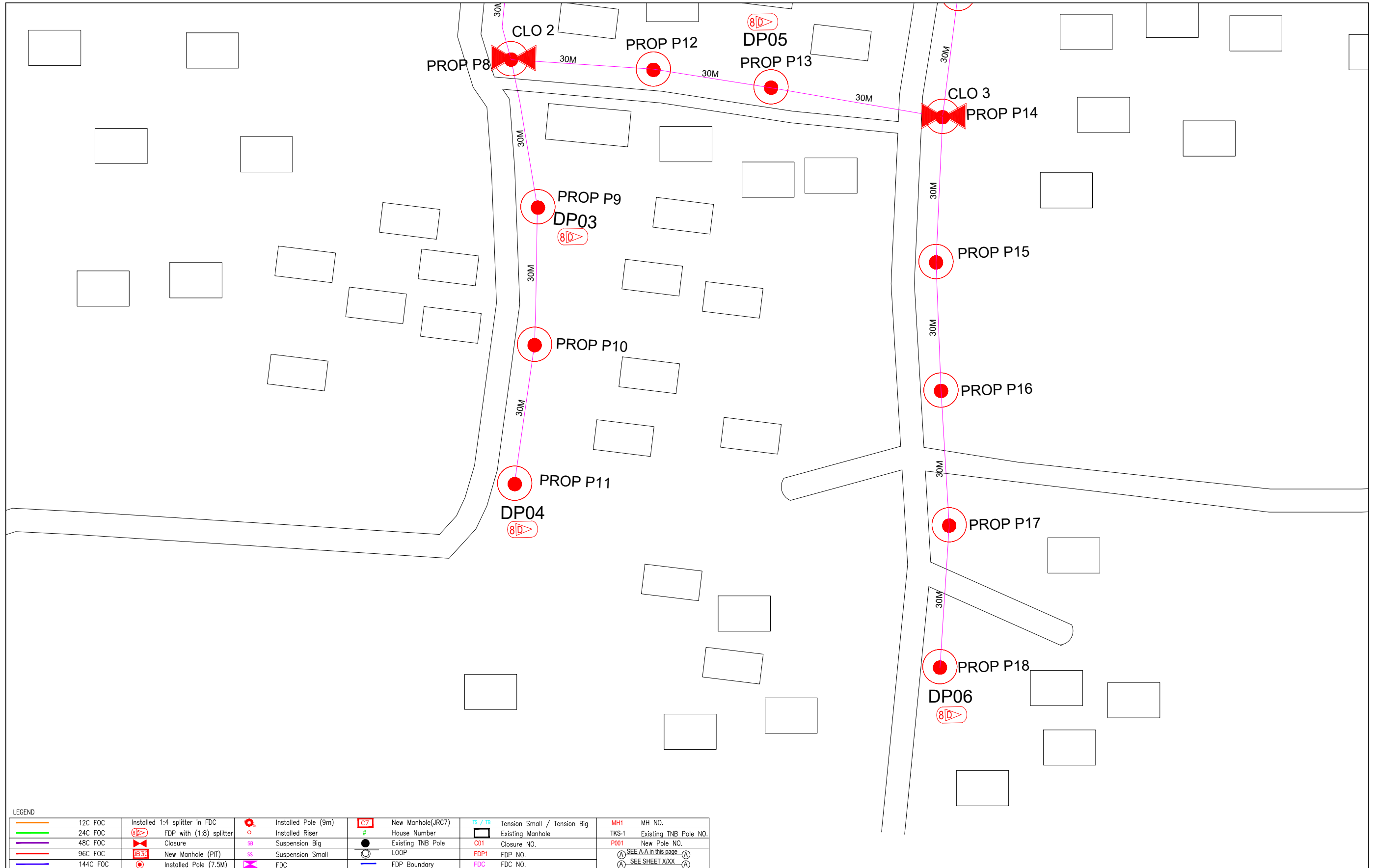




LEGEND							
	12C FOC		Installed 1:4 splitter in FDC		Installed Pole (9m)		New Manhole (JRC7)
	24C FOC		FDP with (1:8) splitter		Installed Riser		House Number
	48C FOC		Closure		Suspension Big		Existing TNB Pole
	96C FOC		New Manhole (PIT)		Suspension Small		LOOP
	144C FOC		Installed Pole (7.5M)		FDC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

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					PROJECT PHASE: PROJECT PHASE	THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF ALLO TECHNOLOGY SDN BHD		Size : A3	

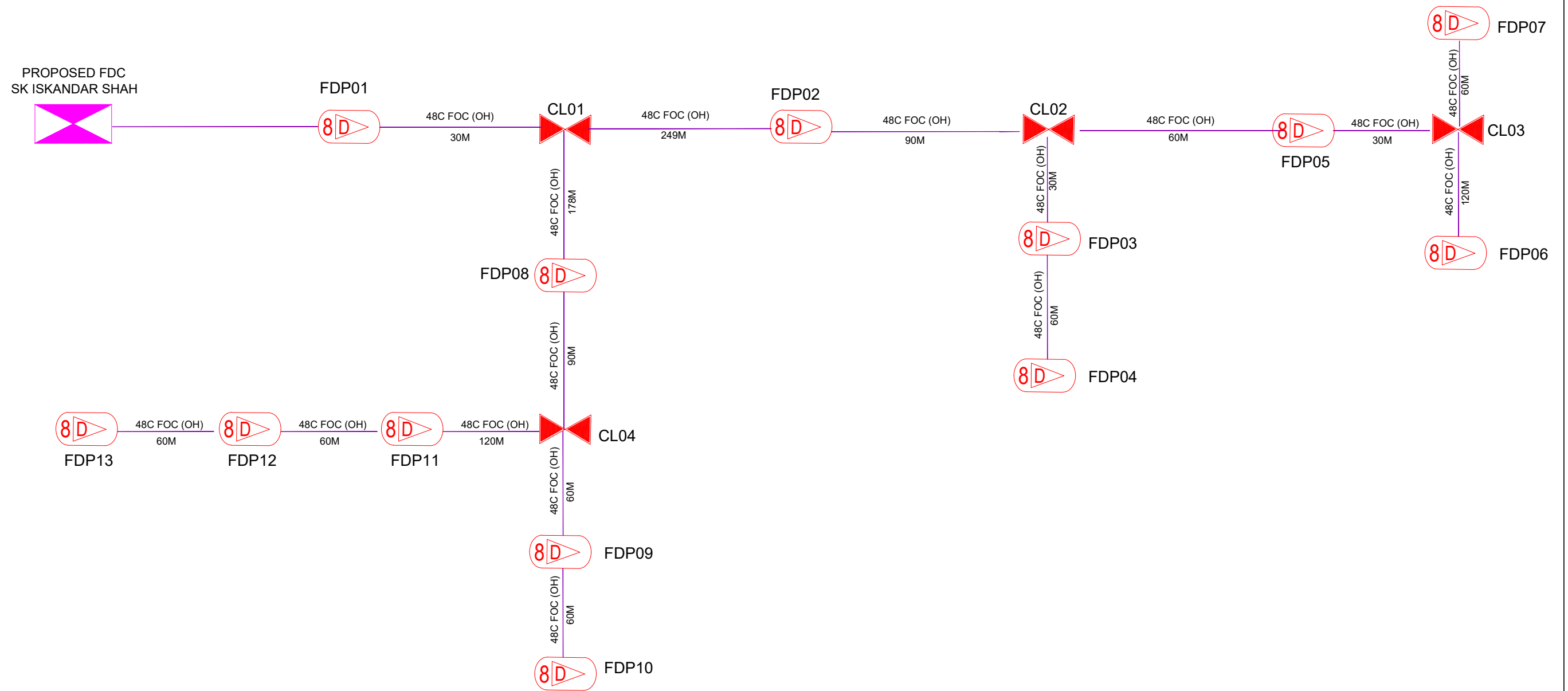




LEGEND					
	12C FOC		Installed 1:4 splitter in FDC		Installed Pole (9m)
	24C FOC		FDP with (1:8) splitter		Installed Riser
	48C FOC		Closure		Suspension Big
	96C FOC		New Manhole (PIT)		Suspension Small
	144C FOC		Installed Pole (7.5M)		FDC
	New Manhole (JRC7)		Tension Small / Tension Big		MH1 MH NO.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

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					PROJECT PHASE: PROJECT PHASE	DRAWING NUMBER : DRAWING/NUMBER
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PROPOSED FDC  
SK ISKANDAR SHAH



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 Tosik 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 ISKANDAR SHAH) TO PREMISES PASS AREA	DRAWING TITLE: D-SIDE - SK ISKANDAR SHAH	Design By : ENGINEER Date : DATE Drawn By : CAD ENGINEER Scale : NTS Checked By : ENGINEER Job Number : JOB/NUMBER	
					PROJECT PHASE: <b>PROJECT PHASE</b>	DRAWING NUMBER : <b>DRAWING/NUMBER</b>	Sheet : 1/1
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