



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 ABC6089 SEKOLAH JENIS KEBANGSAAN (C) NGAI SENG (D-SIDE)

**Company Name** : Archway Mapping Services Sdn. Bhd.  
**Company Address** : No 48-1, Jalan TU39A, Ayer Keroh Melaka  
**Prepared By** : Muhammad Adham  
**Date** : 07/11/2024



**Starting Point**

**Site / Boundary Name** : LARUT MATANG  
**Address** : SJK C NGAI SENG, TRONG, PERAK  
**District** : TRONG  
**Postcode** : 34800  
**State** : PERAK  
**GPS Coordinate** : 4.642591, 100.710850  
**LRD** : A

**End Point**

**Site / Boundary Name** : LARUT MATANG  
**Address** : KAMPUNG AIR TERJUN, TRONG, PERAK  
**District** : TRONG  
**Postcode** : 34800  
**State** : PERAK  
**GPS Coordinate** : 4.382422,100.424075  
**LRD** : B



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## 1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	250
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	6
4	Micro Trenching (MT)	m	0
Total			0

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	1390
2	Install New Pole	ea	35
3	Install New JRC7 Manhole	ea	3
4	Install GI Riser 100mm	ea	12
5	Install Fiber Distribution Point	ea	13
6	Install Closure	ea	4
7	Estimated Time Required for Completion	days	14

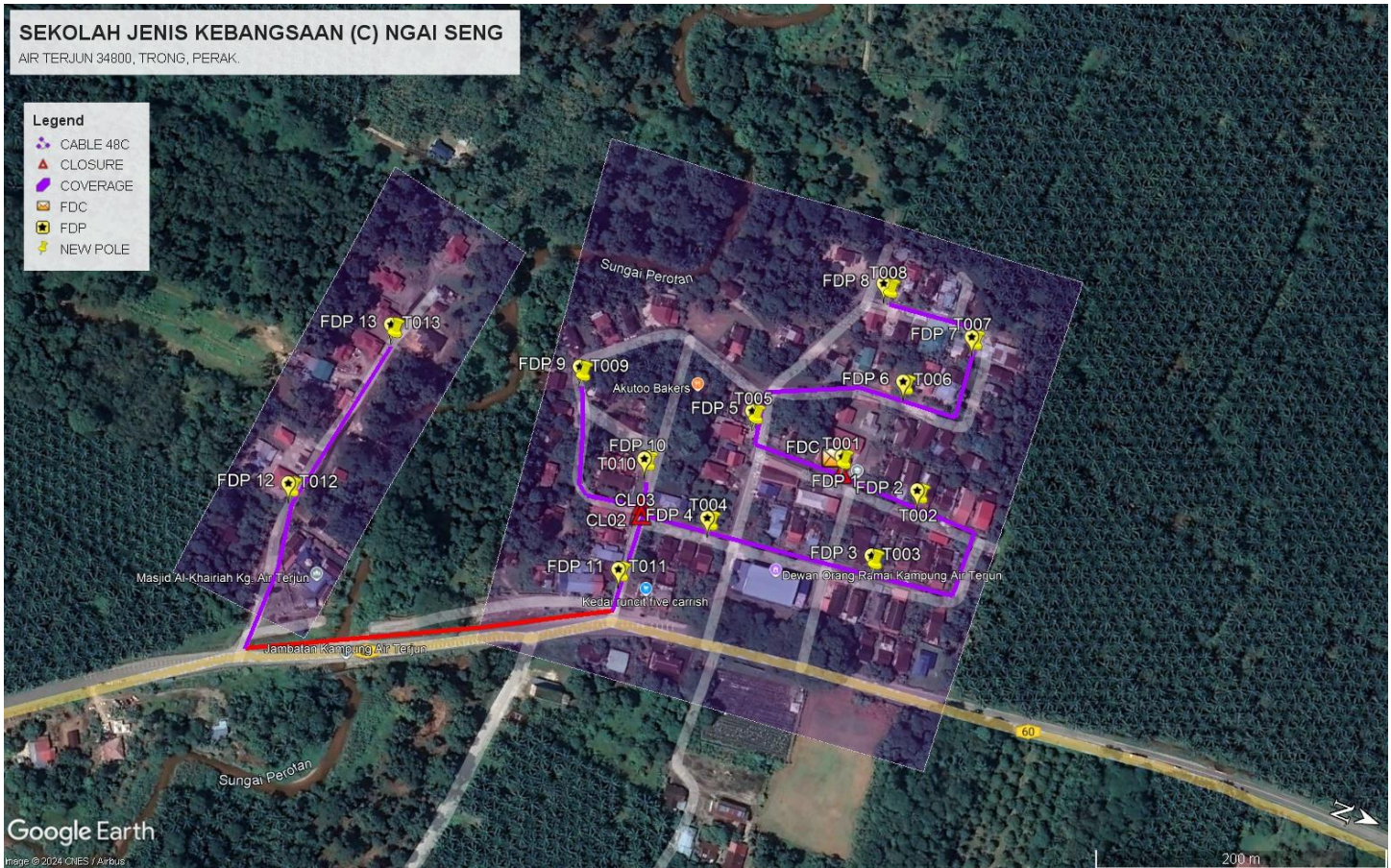
## 2.0 LOCAL AUTHORITY SUMMARY

### Daerah Kerian

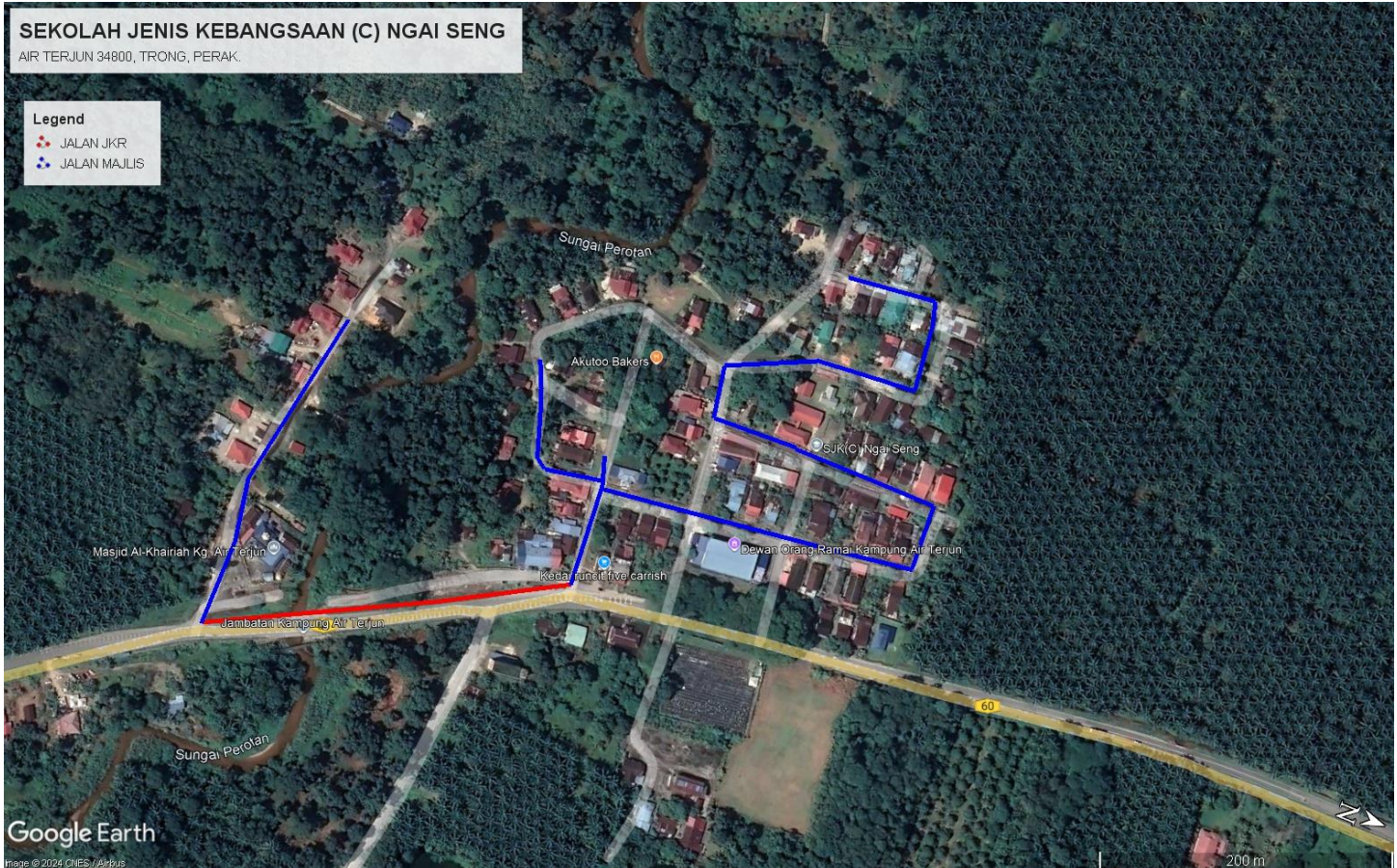
Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	1	250M
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	-	-
		Majlis	35	1140m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				1390m

### 3.0 SITE PLAN (KMZ)

#### 3.1 Overview Site Area



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



**Red Colour – JKR Road**

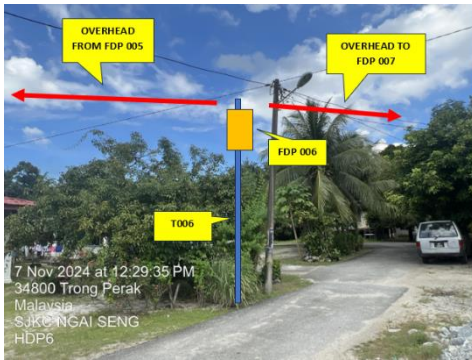
**Blue Colour - Majlis Road**

#### 4.0 PROPOSED NEW POLE FDP

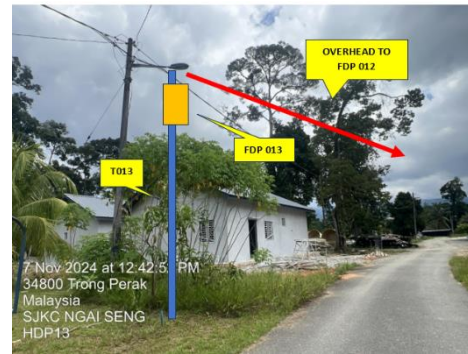
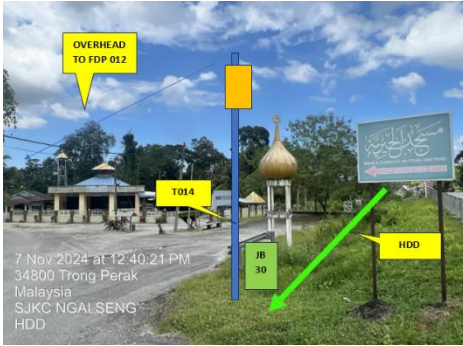
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	FDC	0	4.383447	100.423968	Majlis Daerah Road
2	T001	0	4.383447	100.423968	Majlis Daerah Road
3	T002	16	4.383559	100.423976	Majlis Daerah Road
4	T003	35	4.383648	100.423976	Majlis Daerah Road
5	T004	35	4.383779	100.423987	Majlis Daerah Road
6	T005	35	4.383778	100.424121	Majlis Daerah Road
7	T006	35	4.383700	100.424146	Majlis Daerah Road
8	T007	35	4.383607	100.424150	Majlis Daerah Road
9	T008	35	4.383449	100.424171	Majlis Daerah Road
10	T009	35	4.383334	100.424185	Majlis Daerah Road
11	T010	35	4.383237	100.424210	Majlis Daerah Road
12	T011	35	4.383162	100.424209	Majlis Daerah Road
13	T012	35	4.383073	100.424221	Majlis Daerah Road
14	T013	35	4.383242	100.423950	Majlis Daerah Road
15	T014	35	4.383230	100.423884	Majlis Daerah Road
16	T015	35	4.383312	100.423817	Majlis Daerah Road
17	T016	35	4.383431	100.423769	Majlis Daerah Road
18	T017	35	4.383527	100.423760	Majlis Daerah Road
19	T018	35	4.383637	100.423744	Majlis Daerah Road
20	T019	35	4.383631	100.423611	Majlis Daerah Road
21	T020	35	4.383582	100.423554	Majlis Daerah Road
22	T021	35	4.383478	100.423567	Majlis Daerah Road
23	T022	35	4.383407	100.423569	Majlis Daerah Road
24	T023	35	4.383055	100.424140	Majlis Daerah Road
25	T024	35	4.382955	100.424202	Majlis Daerah Road
26	T025	35	4.382883	100.424083	Majlis Daerah Road
27	T026	35	4.382846	100.424001	Majlis Daerah Road
28	T027	35	4.383096	100.424390	Majlis Daerah Road
29	T028	250	4.382373	100.424825	Majlis Daerah Road
30	T029	40	4.382370	100.424654	Majlis Daerah Road
31	T030	40	4.382347	100.424486	Majlis Daerah Road
32	T031	40	4.382375	100.424351	Majlis Daerah Road
33	T032	40	4.382396	100.424206	Majlis Daerah Road
34	T033	40	4.382419	100.424074	Majlis Daerah Road
35	T034	40	4.383309	100.423976	Majlis Daerah Road
36	T035	40	4.383388	100.423973	Majlis Daerah Road

5.0 SITE PHOTOS - PROPOSED NEW POLE









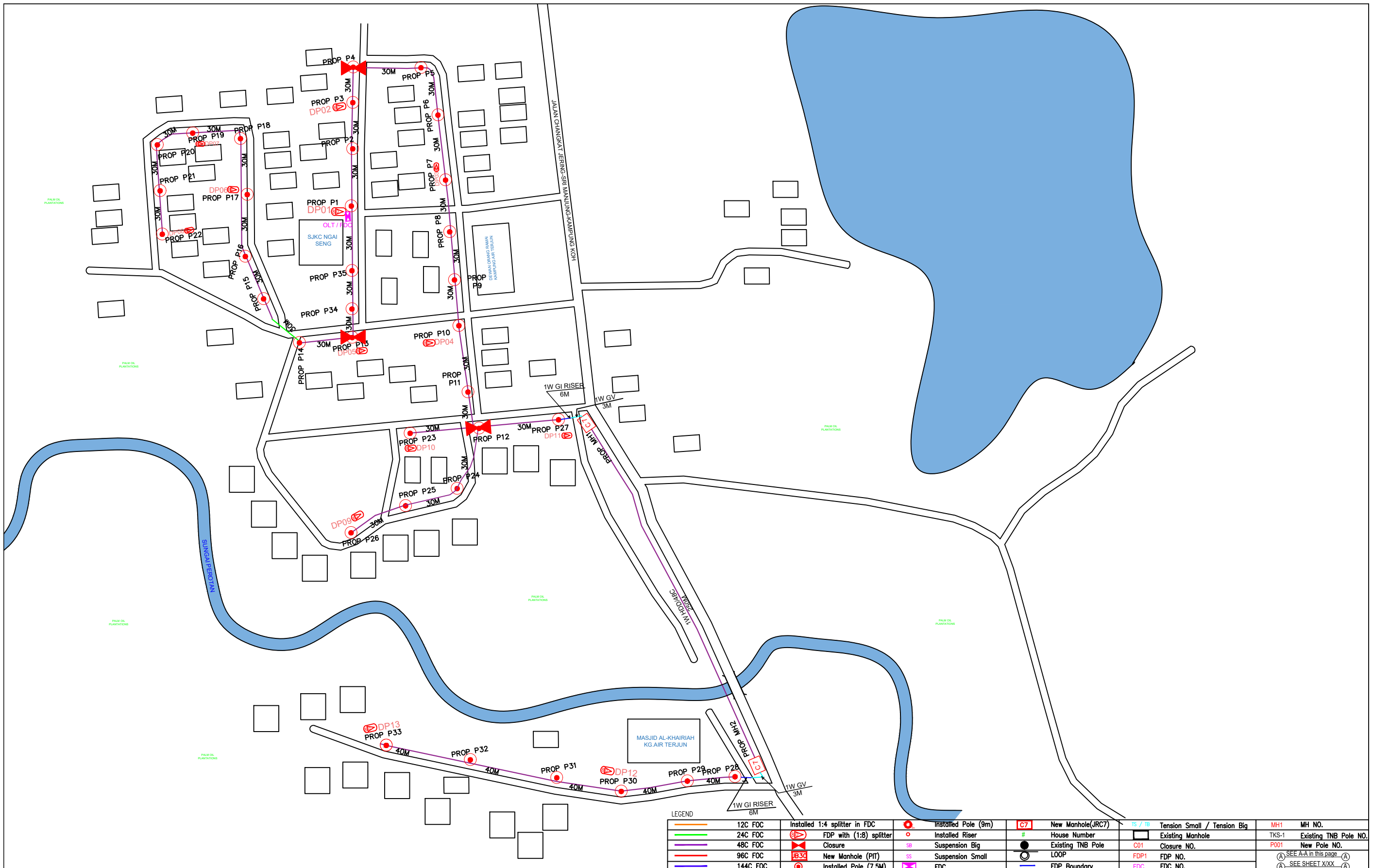


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## 6.0 3<sup>rd</sup> PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Manjung	1390m



LEGEND									
12C FOC	Installed 1:4 splitter in FDC	Installed Pole (9m)	C7	New Manhole(JRC7)	TS / TB	Tension Small / Tension Big	MH1	MH NO.	
24C FOC	FDP with (1:8) splitter	Installed Riser	#	House Number	TKS-1	Existing Manhole	TKS-1	Existing TNB Pole NO.	
48C FOC	Closure	Suspension Big	SB	Existing TNB Pole	C01	Closure NO.	P001	New Pole NO.	
96C FOC	New Manhole (PIT)	Suspension Small	SS	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 :



SUB-CONTRACTOR :

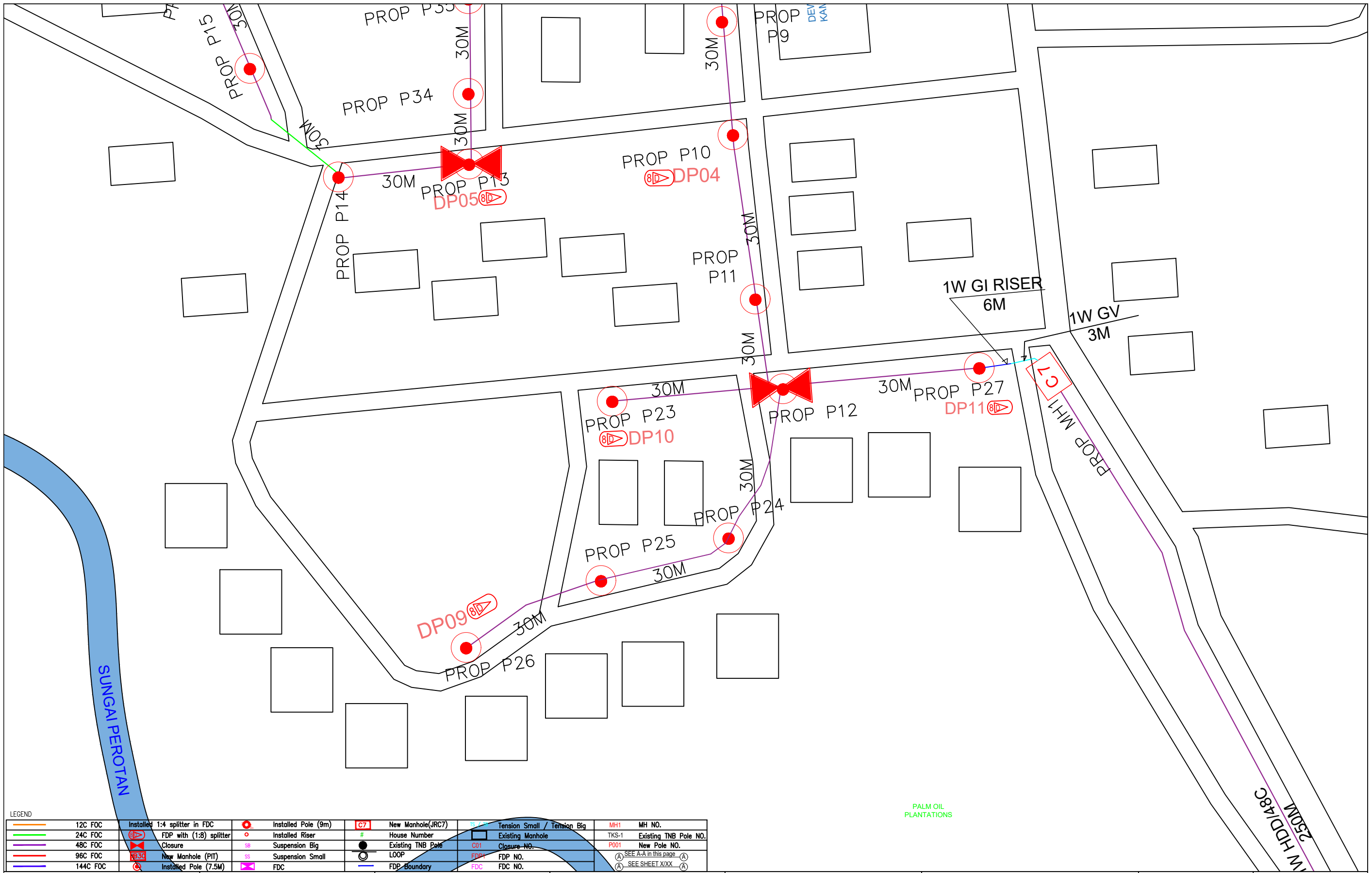
PROJECT TITLE:  
PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SJKC NGAJ SENG) TO PREMISES PASS AREA

DRAWING TITLE:  
SJKC NGAJ SENG

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)	C7	New Manhole(JRC7)	Tension Small / Tension Big	MH1	MH NO.
24C FOC	FDC 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	P001	New Pole NO.
96C FOC	New Manhole (PIT)	Suspension Small	○	LOOP	FDP1	SEE A-A in this page	
144C FOC	Installed Pole (7.5m)	FDC	○	FDP Boundary	FDC	SEE SHEET XXX	

KEY PLAN :

PROJECT OWNER :

MAIN CONTRACTOR :

SUB-CONTRACTOR :

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PROJECT TITLE:  
PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SJKC NGAI SENG) TO PREMISES PASS AREA

DRAWING TITLE:  
SJKC NGAI SENG

PROJECT PHASE:  
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Design By : ENGINEER	Date : DATE
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