

# TECHNICAL PROPOSAL

## (POP2 ABA6042 SEKOLAH KEBANGSAAN BANGGOL JAS (D-SIDE))

**Company Name** : Archway Mapping Services Sdn. Bhd.  
**Company Address** : No 48-1, Jalan TU39A, Ayer Keroh Melaka  
**Prepared By** : Muhammad Adham  
**Date** : 10/01/2025



### Starting Point

**Site / Boundary Name** : RANTAU PANJANG  
**Address** : SK BANGGOL JAS  
**District** : SELAMA  
**Postcode** : 34140  
**State** : PERAK  
**GPS Coordinate** : 5.251124, 100.756914  
**LRD** : A

### End Point

**Site / Boundary Name** : RANTAU PANJANG  
**Address** : A115, KG MASJID, PERAK  
**District** : SELAMA  
**Postcode** : 34140  
**State** : PERAK  
**GPS Coordinate** : 5.249933,100.773551  
**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	140
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	6
4	Micro Trenching (MT)	m	0
Total			146

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	2435
2	Install New Pole	ea	57
3	Install New JRC7 Manhole	ea	2
4	Install GI Riser 100mm	m	12
5	Install Fiber Distribution Point	ea	13
6	Install Closure	ea	2
7	Estimated Time Required for Completion	days	21

## 2.0 LOCAL AUTHORITY SUMMARY

Daerah Selama

Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	1	146m
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	41	1707m
		Majlis	15	582m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				2435m

### 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	0	5.251124	100.756914	JKR Road
2	T002	45	5.251119	100.756946	JKR Road
3	T003	45	5.251056	100.757348	JKR Road
4	T004	45	5.251025	100.757759	JKR Road
5	T005	45	5.251013	100.758160	JKR Road
6	T006	45	5.250994	100.758573	JKR Road
7	T007	45	5.250977	100.758892	JKR Road
8	T008	45	5.250965	100.759189	JKR Road
9	T009	45	5.250960	100.759597	JKR Road
10	T010	45	5.250952	100.760002	JKR Road
11	T011	45	5.250927	100.760407	JKR Road
12	T012	45	5.250892	100.760811	JKR Road
13	T013	45	5.250861	100.761213	JKR Road
14	T014	45	5.250842	100.761487	JKR Road
15	T015	45	5.250814	100.761768	JKR Road
16	T016	45	5.250405	100.761779	Majlis Daerah Road
17	T017	45	5.249992	100.761789	Majlis Daerah Road
18	T018	45	5.249596	100.761799	Majlis Daerah Road
19	T019 (Pole 9M)	45	5.249184	100.761808	Majlis Daerah Road
20	T020 (Pole 9M)	45	5.248772	100.761824	Majlis Daerah Road
21	T021 (Pole 9M)	45	5.248708	100.761632	Majlis Daerah Road
22	T022 (Pole 9M)	45	5.248847	100.761455	Majlis Daerah Road
23	T023	45	5.248819	100.761137	Majlis Daerah Road
24	T024	45	5.248804	100.760804	Majlis Daerah Road
25	T025	45	5.248444	100.760822	Majlis Daerah Road
26	T026	45	5.248077	100.760817	Majlis Daerah Road
27	T027	45	5.248306	100.761578	Majlis Daerah Road
28	T028	45	5.247898	100.761561	Majlis Daerah Road
29	T029 (Pole 9M)	45	5.247483	100.761569	Majlis Daerah Road
30	T030 (Pole 9M)	45	5.247442	100.761397	Majlis Daerah Road
31	T031	45	5.250844	100.763033	JKR Road
32	T032	45	5.250824	100.763433	JKR Road
33	T033	45	5.250810	100.763838	JKR Road
34	T034	45	5.250788	100.764248	JKR Road
35	T035	45	5.250769	100.764151	JKR Road
36	T036	45	5.250737	100.765054	JKR Road
37	T037	45	5.250699	100.765456	JKR Road
38	T038	45	5.250662	100.765868	JKR Road



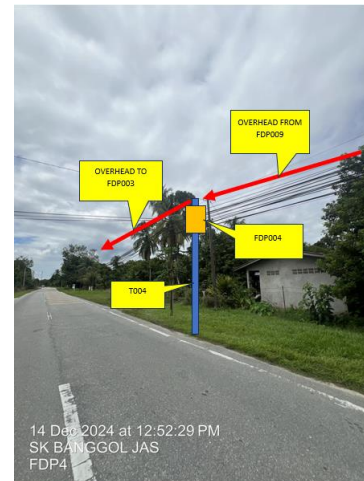
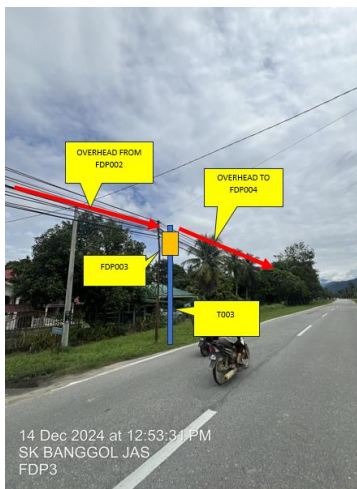
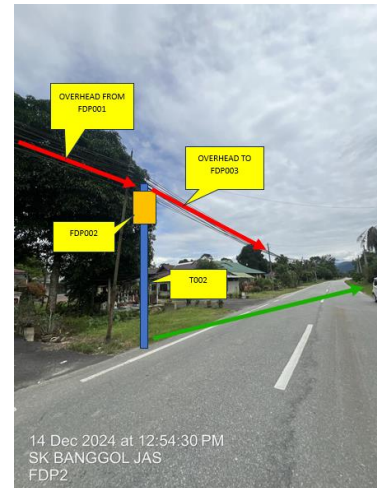
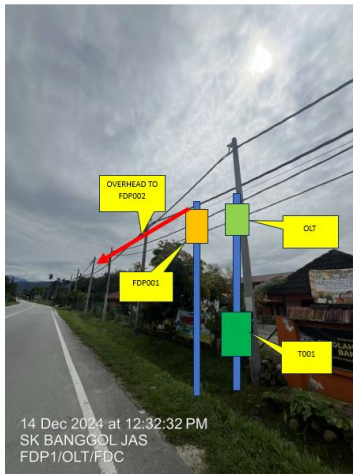
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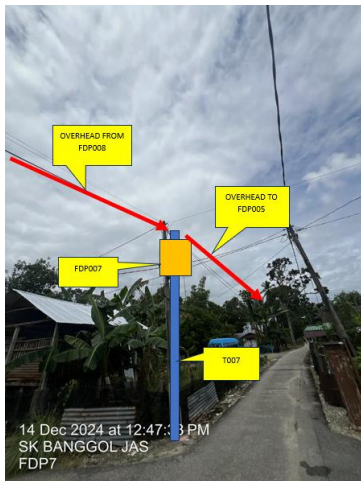


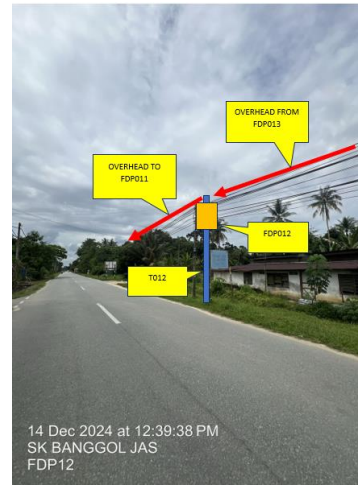
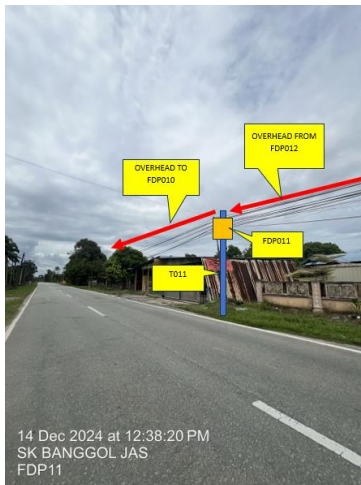
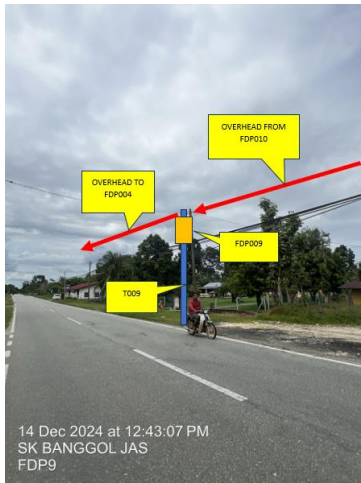
39	T039	45	5.250628	100.766274	JKR Road
40	T040	45	5.250598	100.766675	JKR Road
41	T041	45	5.250559	100.767076	JKR Road
42	T042	45	5.250517	100.767486	JKR Road
43	T043	45	5.250478	100.767889	JKR Road
44	T044	45	5.250438	100.768292	JKR Road
45	T045	45	5.250394	100.768694	JKR Road
46	T046	45	5.250358	100.769101	JKR Road
47	T047	45	5.250324	100.769501	JKR Road
48	T048	45	5.250289	100.769905	JKR Road
49	T049	45	5.250248	100.770312	JKR Road
50	T050	45	5.250210	100.770714	JKR Road
51	T051	45	5.250169	100.771120	JKR Road
52	T052	45	5.250124	100.771520	JKR Road
53	T053	45	5.250089	100.771927	JKR Road
54	T054	45	5.250049	100.772335	JKR Road
55	T055	45	5.250009	100.772739	JKR Road
56	T056	45	5.249967	100.773148	JKR Road
57	T057	45	5.249933	100.773551	JKR Road

BIL	TYPE	7.5m	9m	TOTAL
1	No of Pole	51	6	57

5.0 SITE PHOTOS - PROPOSED NEW POLE

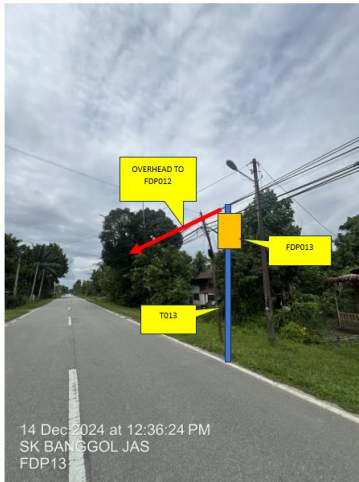








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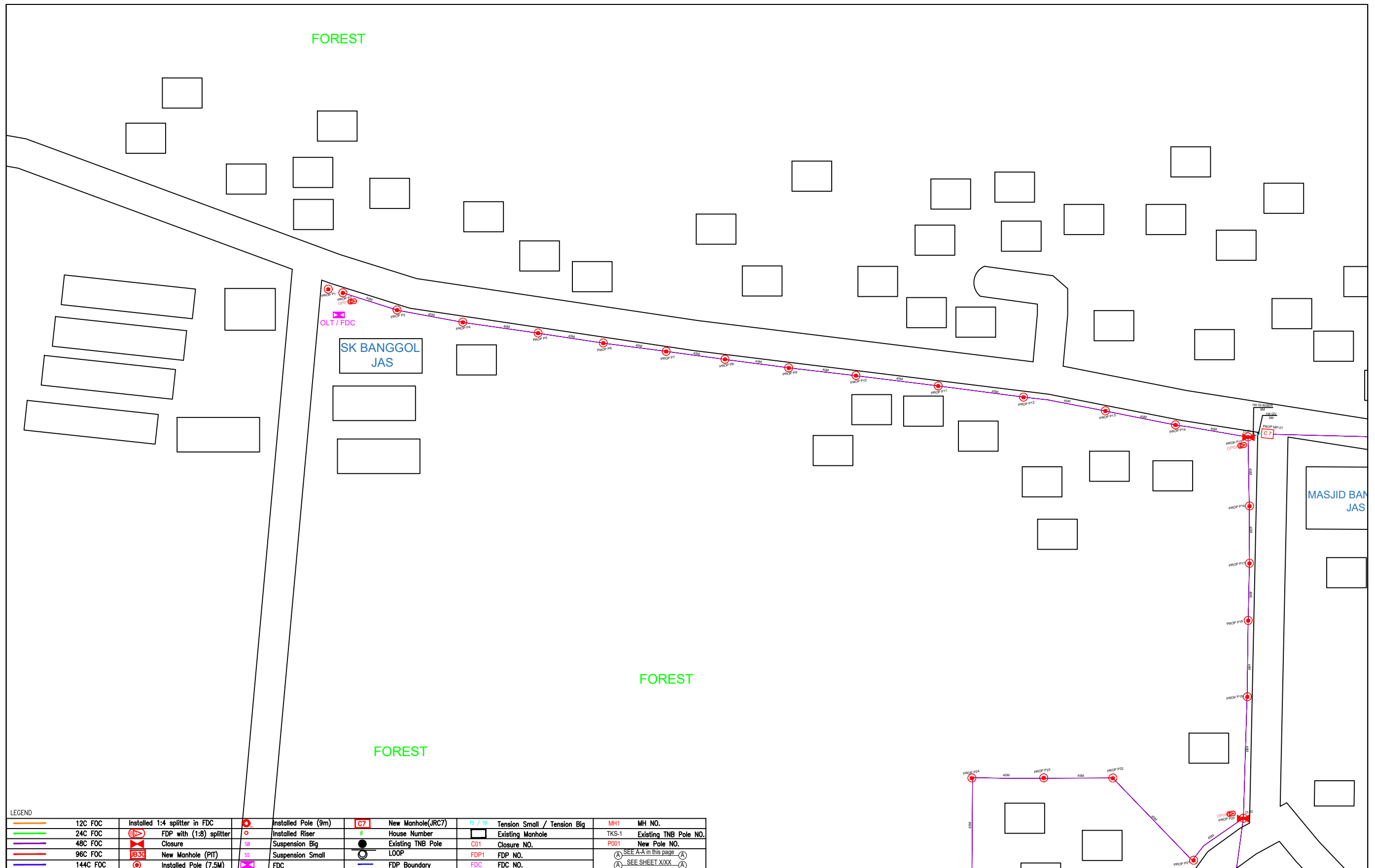
## 6.0 3<sup>rd</sup> PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Selama	2435m



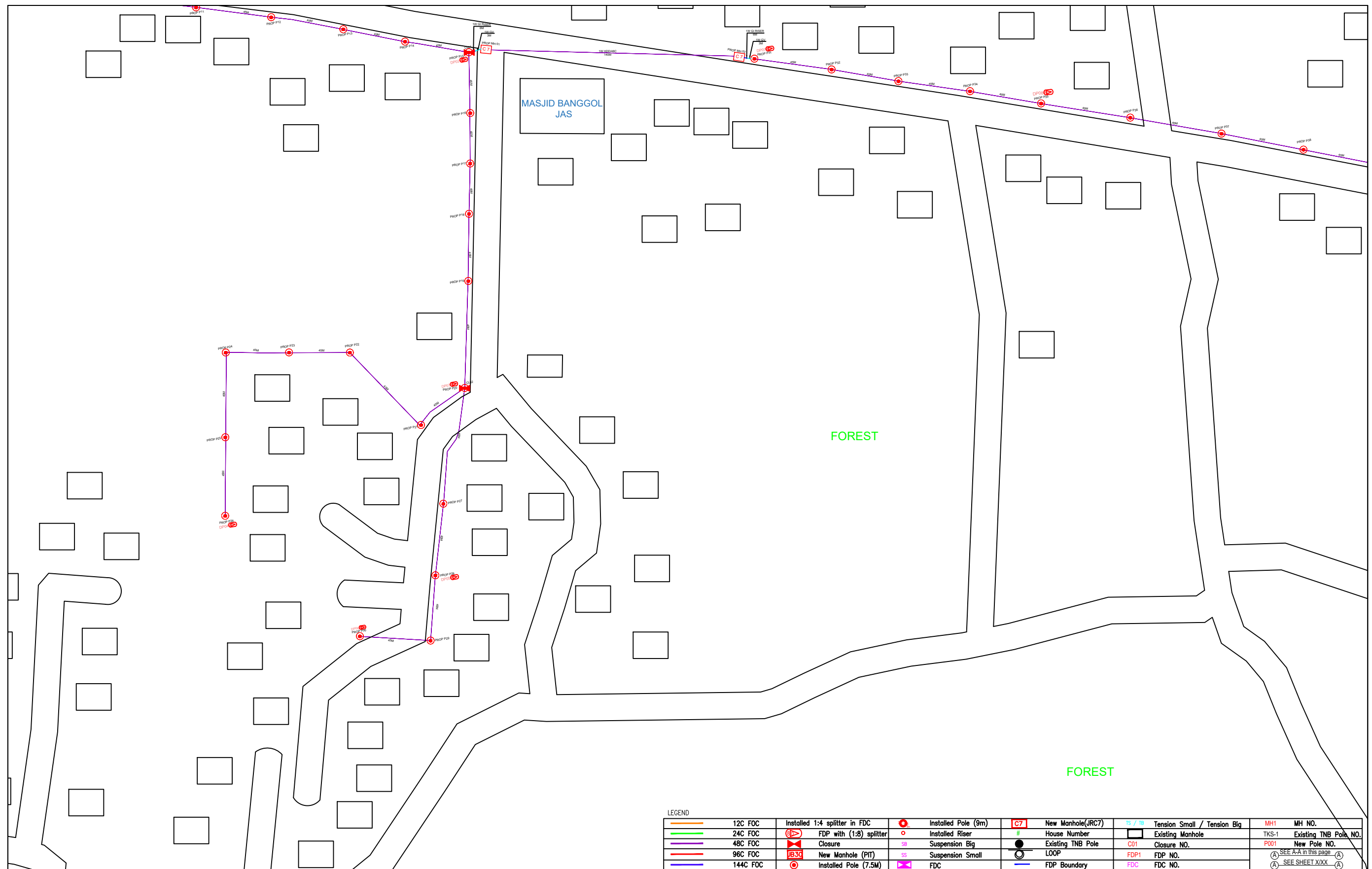
LEGEND									
	12C FOC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big		MH NO.
	24C FOC		Installed Riser		#	Existing Manhole	TKS-1	Existing TNB Pole NO.	
	48C FOC		FDP with (1:8) splitter		Existing TNB Pole	C01	Closure NO.	P001	New Pole NO.
	96C FOC		Closure		LOOP	FDP1	FDP NO.	(A)	SEE A-A in this page (A)
	144C FOC		New Manhole (PIT)		FDP Boundary	FDC	FDC NO.	(A)	SEE SHEET XXX (A)
			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 BANGGOL JAS) TO PREMISES PASS AREA	SK BANGGOL JAS	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
						DRAWING NUMBER :	Sheet :
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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

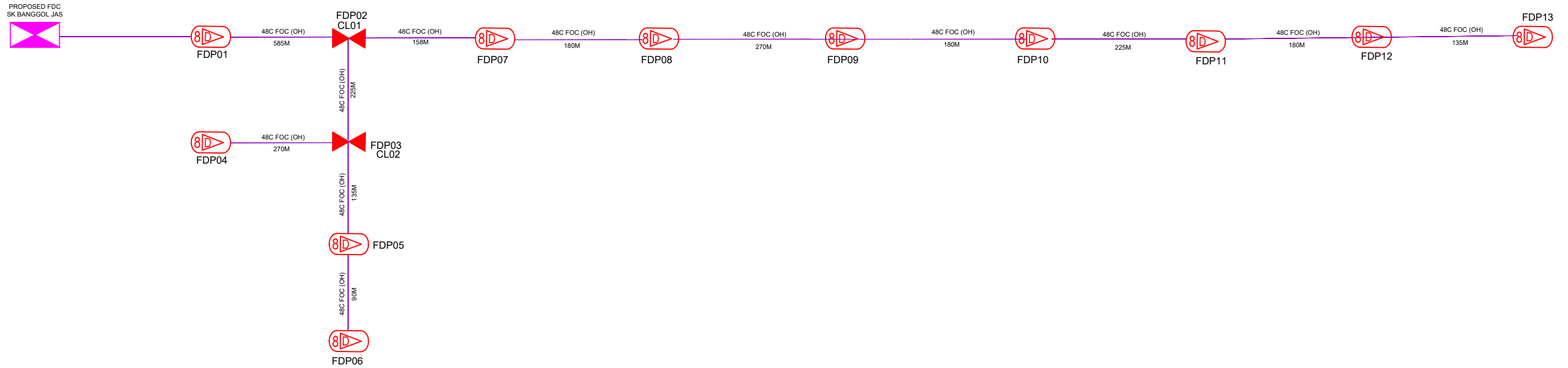
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LEGEND											
	12C FOC		Installed 1:4 splitter in FDC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big		MH NO.
	24C FOC		FDP with (1:8) splitter		Installed Riser		House Number		Existing Manhole		Existing TNB Pole NO.
	48C FOC		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

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LEGEND

12C FOC	Installed 1:4 splitter in FDC	Installed Pole (9m)	New Manhole(JRC7)	Ts / Tt	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	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	
144C FOC	Installed Pole (7.5M)	Installed Pole (7.5M)	IP	FDC	FDP1	FDC NO.	(A) SEE SHEET XXX-(A)	

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					PROJECT PHASE: PROJECT PHASE	Drawn By : CAD ENGINEER	Scale : NTS
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