



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 ABA6022 SEKOLAH KEBANGSAAN SULTAN ABDULLAH (D-SIDE)

**Company Name** : Archway Mapping Services Sdn. Bhd.  
**Company Address** : No 48-1, Jalan TU39A, Ayer Keroh Melaka  
**Prepared By** : Muhammad Adham  
**Date** : 12/11/2024



**Point A**



**Point B**

**Starting Point**

**Site / Boundary Name** : CHANGKAT JERING  
**Address** : SK SULTAN ABDULLAH  
**District** : LARUT MATANG  
**Postcode** : 34850  
**State** : PERAK  
**GPS Coordinate** : 4.453288, 100.455747  
**LRD** : A

**End Point**

**Site / Boundary Name** : CHANGKAT JERING  
**Address** : KG CHEH SEBERANG  
**District** : LARUT MATANG  
**Postcode** : 34850  
**State** : PERAK  
**GPS Coordinate** : 4.451398,100.460077  
**LRD** : B



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## 1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	423
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	15
4	Micro Trenching (MT)	m	0
Total			438

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	2523
2	Install New Pole	ea	56
3	Install New JRC7 Manhole	ea	5
4	Install GI Riser 100mm	m	30
5	Install Fiber Distribution Point	ea	15
6	Install Closure	ea	3
7	Estimated Time Required for Completion	days	14

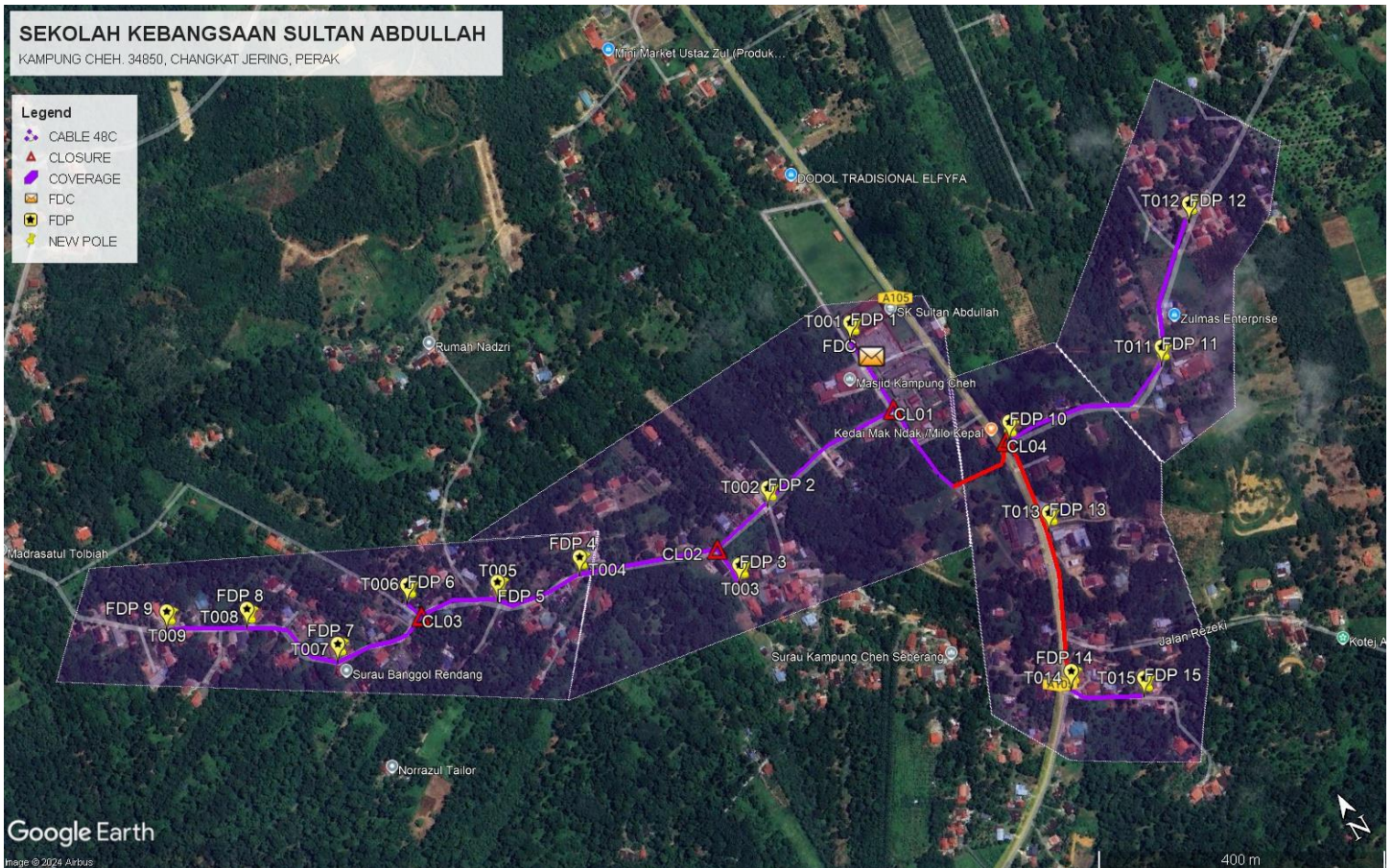
## 2.0 LOCAL AUTHORITY SUMMARY

Daerah Larut Matang

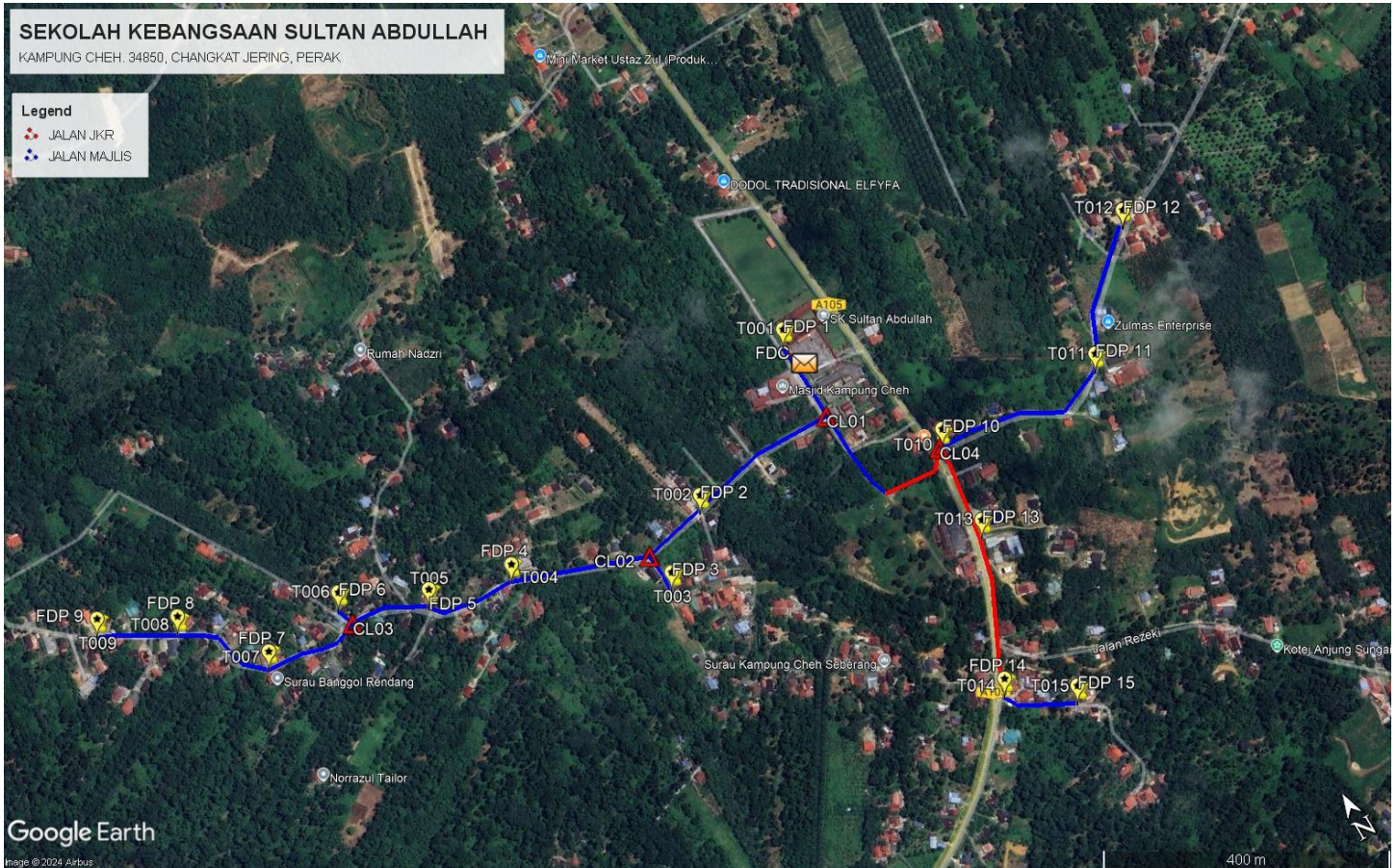
Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	3	423
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	-	-
		Majlis	56	2100m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				2523m

### 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	4.453288	100.455747	Majlis Daerah Road
2	T001	47	4.453460	100.455734	Majlis Daerah Road
3	T002	35	4.453460	100.455734	Majlis Daerah Road
4	T003	35	4.453182	100.455749	Majlis Daerah Road
5	T004	35	4.453074	100.455745	Majlis Daerah Road
6	T005	35	4.453101	100.455619	Majlis Daerah Road
7	T006	35	4.453108	100.455467	Majlis Daerah Road
8	T007	35	4.453083	100.455342	Majlis Daerah Road
9	T008	35	4.453050	100.455186	Majlis Daerah Road
10	T009	35	4.452996	100.455028	Majlis Daerah Road
11	T010	35	4.452973	100.454897	Majlis Daerah Road
12	T011	35	4.452935	100.454733	Majlis Daerah Road
13	T012	35	4.452845	100.454746	Majlis Daerah Road
14	T013	35	4.452755	100.454741	Majlis Daerah Road
15	T014	35	4.452982	100.454620	Majlis Daerah Road
16	T015	35	4.453020	100.454516	Majlis Daerah Road
17	T016	35	4.453068	100.454372	Majlis Daerah Road
18	T017	35	4.453117	100.454247	Majlis Daerah Road
19	T018	35	4.453155	100.454125	Majlis Daerah Road
20	T019	35	4.453159	100.453992	Majlis Daerah Road
21	T020	35	4.453165	100.453863	Majlis Daerah Road
22	T021	35	4.453241	100.453746	Majlis Daerah Road
23	T022	35	4.453301	100.453637	Majlis Daerah Road
24	T023	35	4.455533	100.453529	Majlis Daerah Road
25	T024	35	4.453357	100.453411	Majlis Daerah Road
26	T025	35	4.453432	100.453382	Majlis Daerah Road
27	T026	35	4.453312	100.453303	Majlis Daerah Road
28	T027	35	4.453326	100.453208	Majlis Daerah Road
29	T028	35	4.453346	100.453105	Majlis Daerah Road
30	T029	35	4.453363	100.452972	Majlis Daerah Road
31	T030	35	4.453452	100.452871	Majlis Daerah Road
32	T031	35	4.453558	100.452853	Majlis Daerah Road
33	T032	35	4.453647	100.452775	Majlis Daerah Road
34	T033	35	4.453696	100.452687	Majlis Daerah Road
35	T034	35	4.453789	100.452525	Majlis Daerah Road
36	T035	35	4.453874	100.452364	Majlis Daerah Road
37	T036	35	4.452937	100.455753	Majlis Daerah Road
38	T037	35	4.452785	100.455773	Majlis Daerah Road
39	T038	35	4.452653	100.455813	Majlis Daerah Road

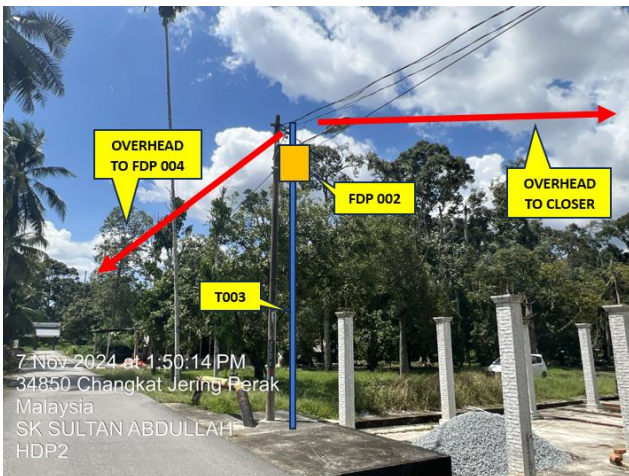
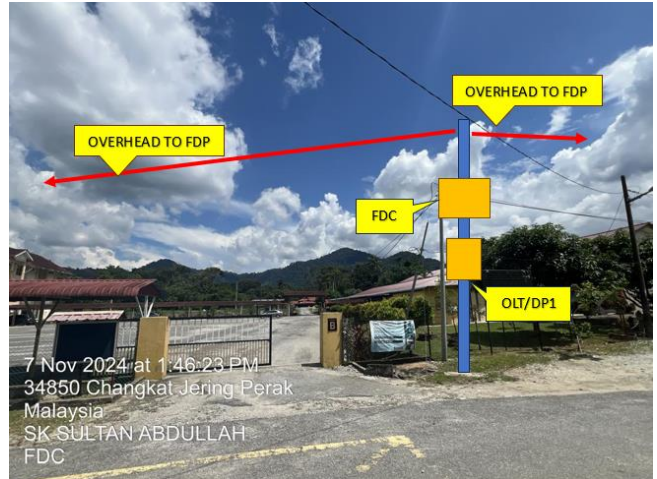


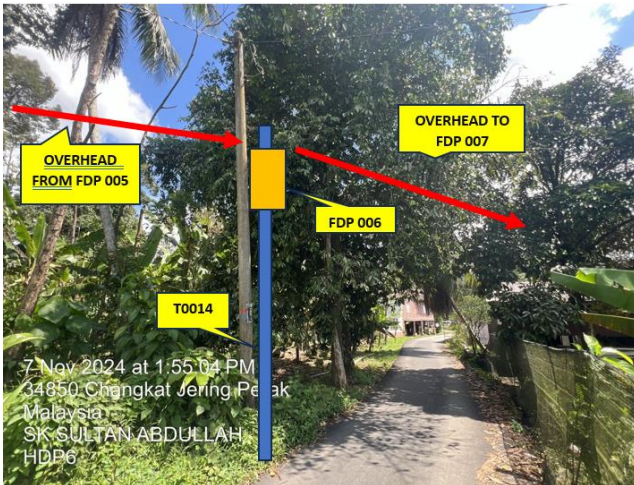
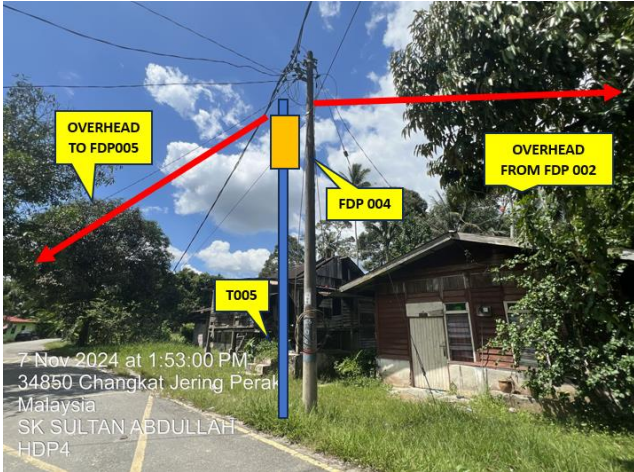
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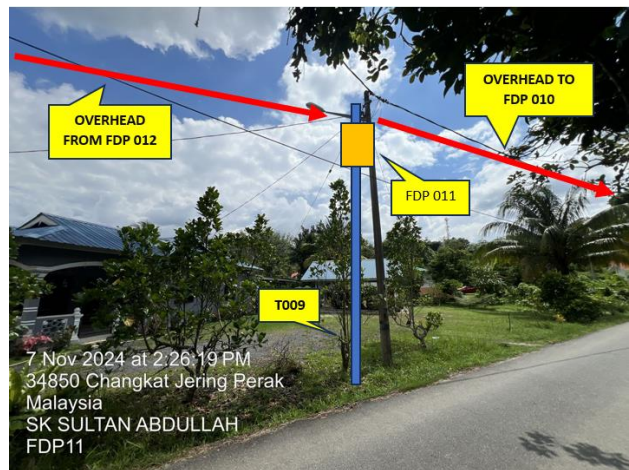
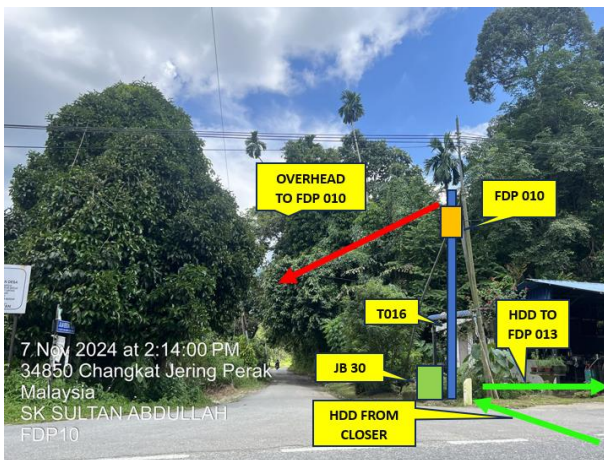
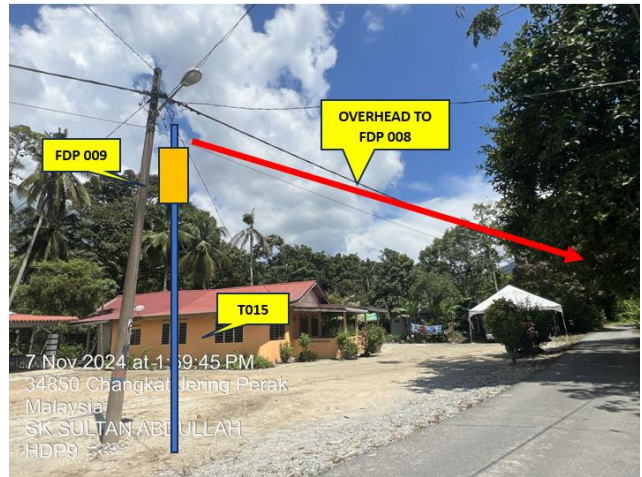
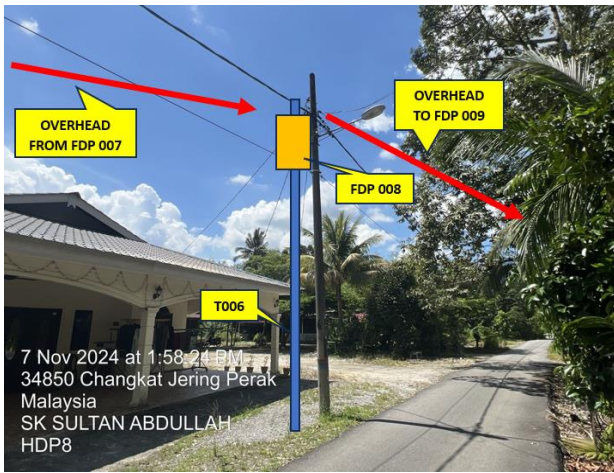


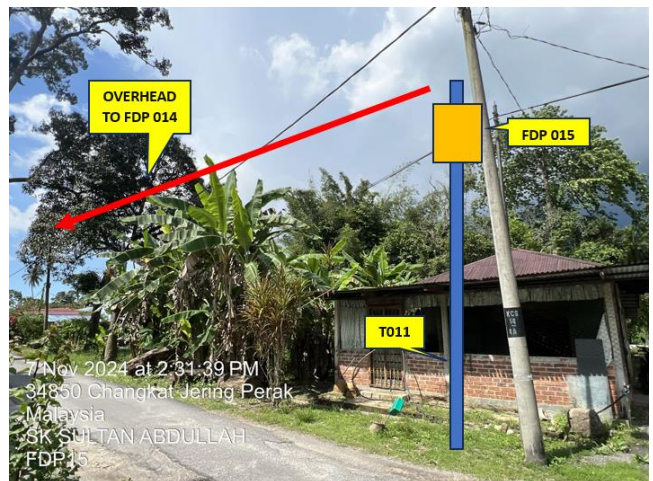
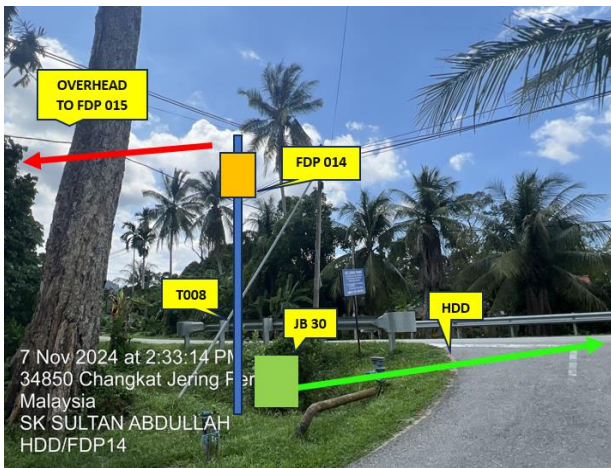
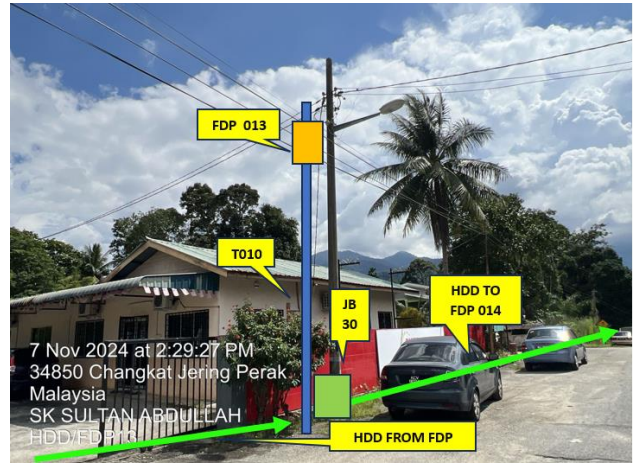
40	T039	100	4.452706	100.460116	Majlis Daerah Road
41	T040	35	4.452699	100.460271	Majlis Daerah Road
42	T041	35	4.452682	100.460461	Majlis Daerah Road
43	T042	35	4.452639	100.460582	Majlis Daerah Road
44	T043	35	4.452581	100.460670	Majlis Daerah Road
45	T044	35	4.452599	100.460786	Majlis Daerah Road
46	T045	35	4.452657	100.460901	Majlis Daerah Road
47	T046	35	4.452758	100.460967	Majlis Daerah Road
48	T047	35	4.452855	100.461005	Majlis Daerah Road
49	T048	35	4.452925	100.461066	Majlis Daerah Road
50	T049	35	4.452989	100.461128	Majlis Daerah Road
51	T050	35	4.453041	100.461186	Majlis Daerah Road
52	T051	35	4.453117	100.461269	Majlis Daerah Road
53	T052	35	4.453169	100.461332	Majlis Daerah Road
54	T053	130	4.452269	100.460075	JKR Road
55	T054	230	4.451590	100.455806	Majlis Daerah Road
56	T055	35	4.451493	100.455918	Majlis Daerah Road
57	T056	35	4.451398	100.460077	Majlis Daerah Road

**5.0 SITE PHOTOS - PROPOSED NEW POLE**











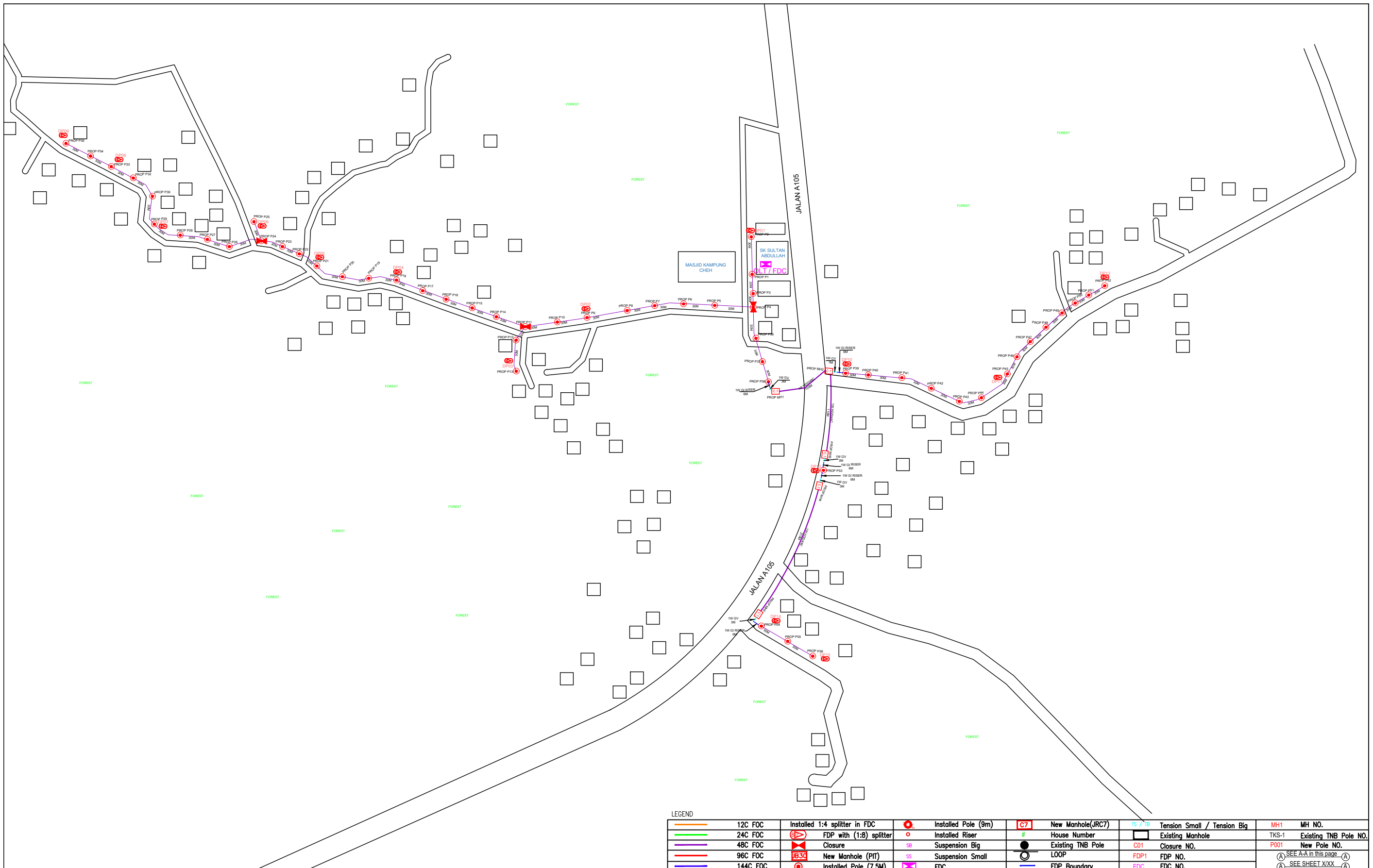


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## 6.0 3<sup>rd</sup> PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Larut Matang	2523m



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)		Installed Pole (7.5M)		FDP Boundary				

KEY PLAN :

PROJECT OWNER :




KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR



PRIVASAT

SUB-CONTRACTOR :



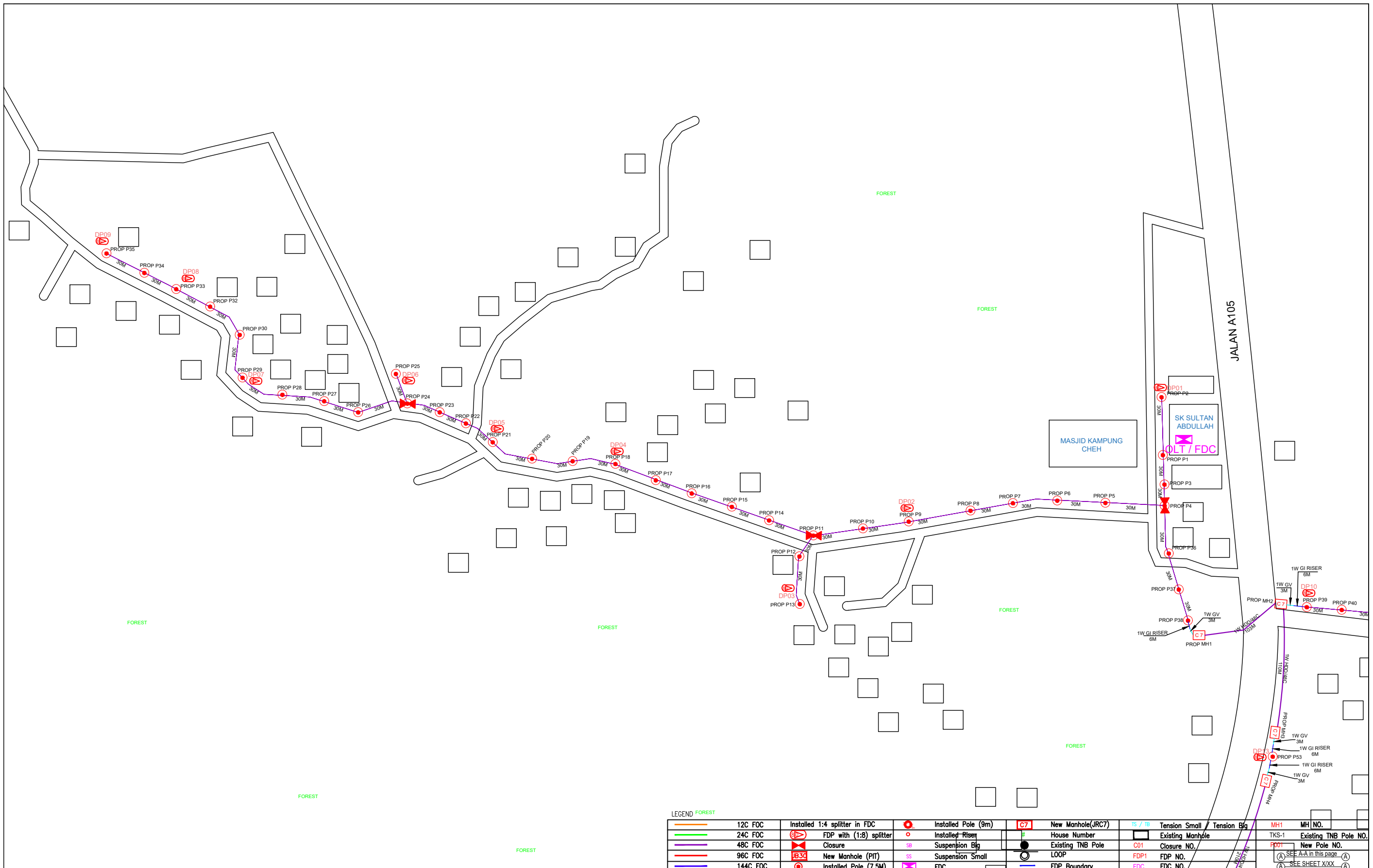
ARCHWAY MAPPING SERVICES SDN BHD  
No 48 Jalan TU 39A, Taman Tasik Utama,  
75450 Ayer Keroh, Melaka  
Tel: 606-233 9165 Fax: 606-233 9162  
Email : info@archwaymalaysia.com  
Website : www.archwaymalaysia.com

PROJECT TITLE:  
PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK SULTAN ABDULLAH) TO PREMISES PASS AREA

DRAWING TITLE:  
SK SULTAN ABDULLAH

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 FOREST											
	12C FOC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small		Tension Big		MH NO.
	24C FOC		Installed Pole (7.5M)		FDP Boundary		Existing Manhole		Existing Manhole		Existing TNB Pole NO.
	48C FOC		Installed Pole (7.5M)		FDP Boundary		Existing Manhole		Existing Manhole		Existing TNB Pole NO.
	96C FOC		Installed Pole (7.5M)		FDP Boundary		Existing Manhole		Existing Manhole		Existing TNB Pole NO.
	144C FOC		Installed Pole (7.5M)		FDP Boundary		Existing Manhole		Existing Manhole		Existing TNB Pole NO.

KEY PLAN :

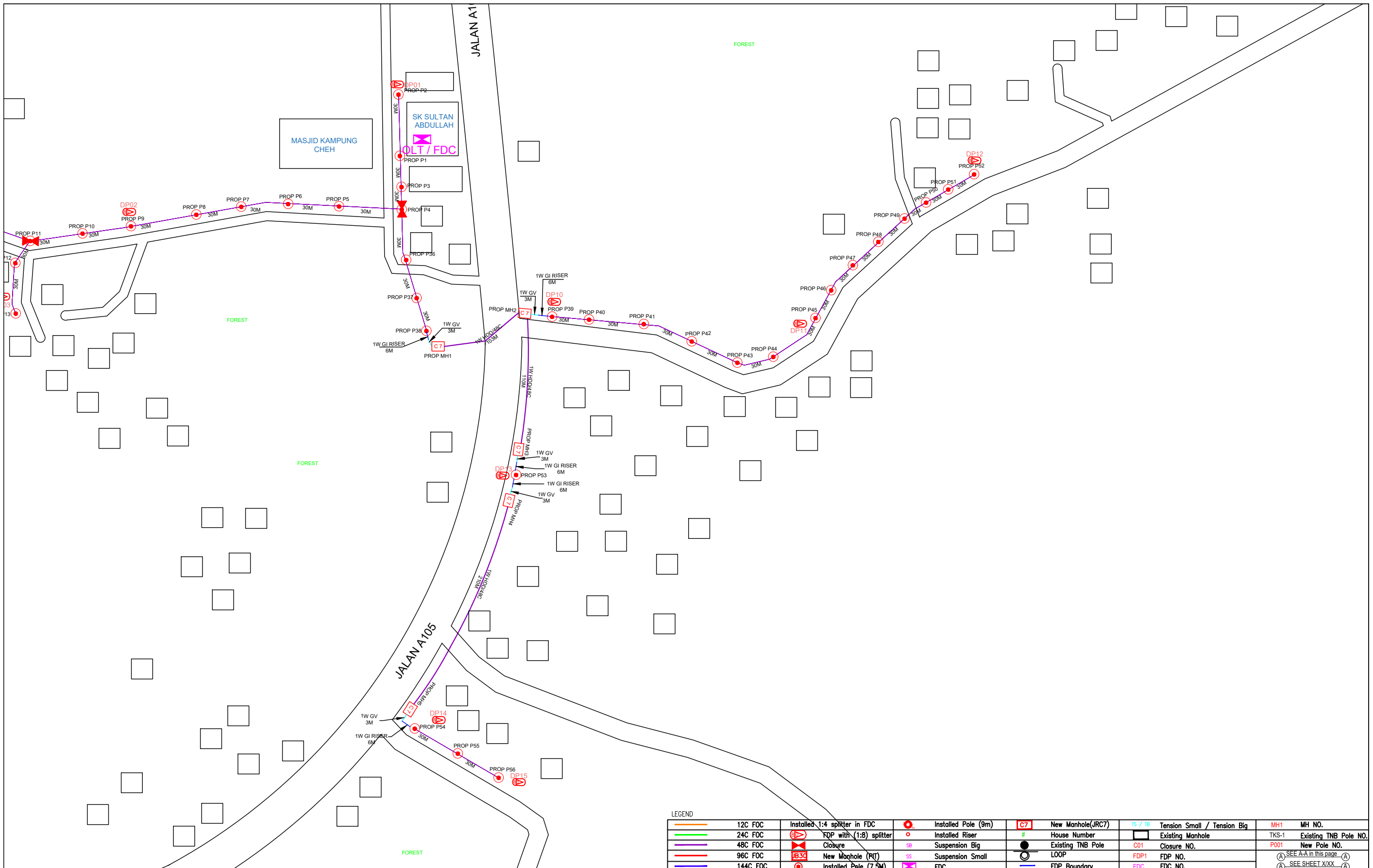


PROJECT TITLE:  
PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK SULTAN ABDULLAH) TO PREMISES PASS AREA

DRAWING TITLE:  
SK SULTAN ABDULLAH

PROJECT PHASE:  
PROJECT PHASE

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

KEY PLAN :

PROJECT OWNER :



KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR



APEX COMMUNICATIONS SDN BHD



PRIVASAT

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

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DRAWING TITLE:

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PROJECT PHASE:

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