



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 AEA6061 SEKOLAH MENENGAH KEBANGSAAN MATANG(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



Starting Point

Site / Boundary Name : MATANG
Address : SMK MATANG
District : LARUT MATANG
Postcode : 34750
State : PERAK
GPS Coordinate : 4.484096, 100.403562
LRD : A

End Point

Site / Boundary Name : MATANG
Address : TAMAN SERI MATANG
District : LARUT MATANG
Postcode : 34750
State : PERAK
GPS Coordinate : 4.485054,100.481805
LRD : B



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1.0 WORK SUMMARY

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

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	1500
2	Install New Pole	ea	49
3	Install New JRC7 Manhole	ea	1
4	Install GI Riser 100mm	ea	0
5	Install Fiber Distribution Point	ea	15
6	Install Closure	ea	6
7	Estimated Time Required for Completion	days	14

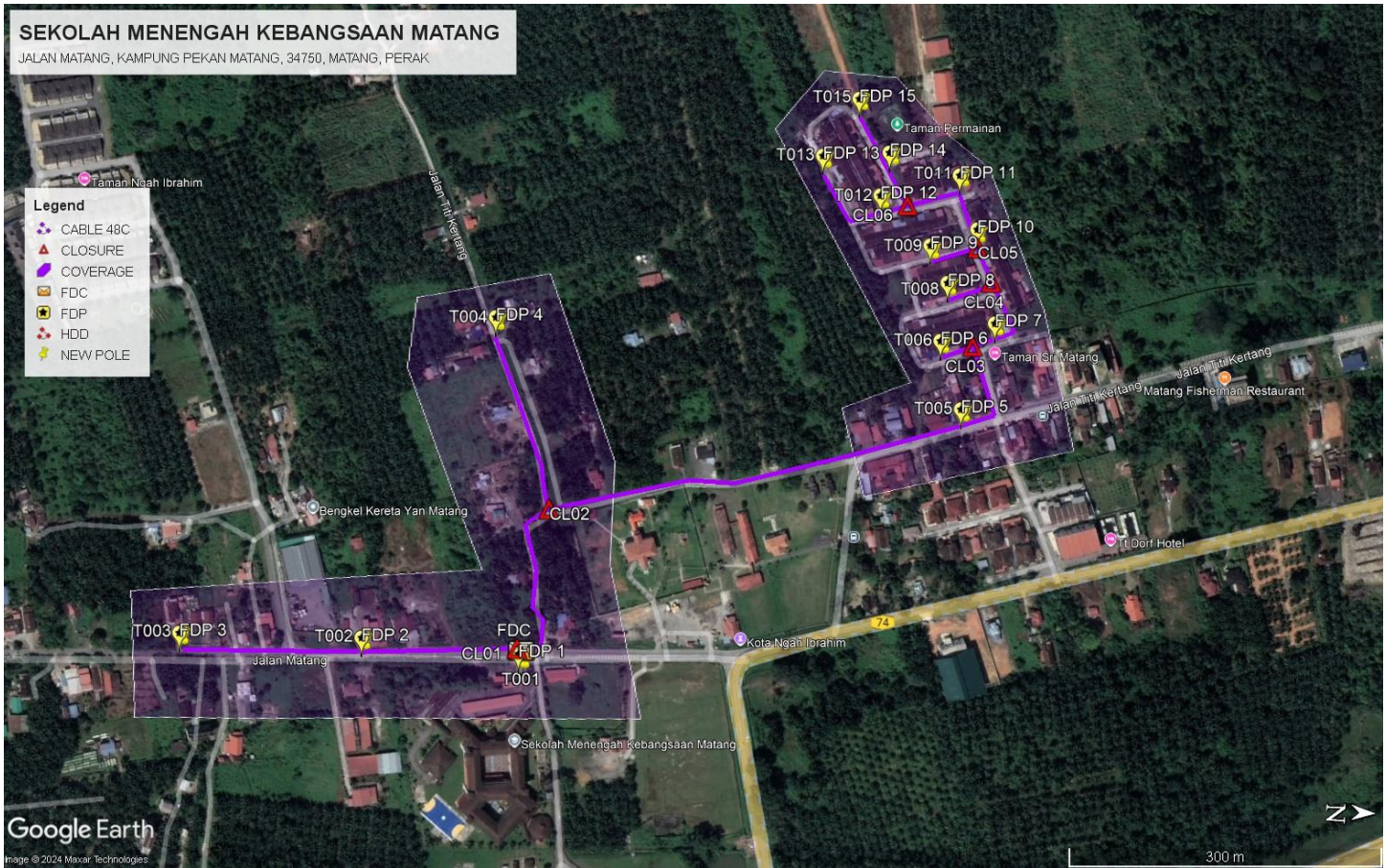
2.0 LOCAL AUTHORITY SUMMARY

Daerah Larut Matang

Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	-	-
		Majlis	49	1500m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				1500m

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

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	FDC	0	4.484096	100.403562	Majlis Daerah Road
2	T001	3	4.484093	100.403585	Majlis Daerah Road
3	T002	40	4.484074	100.403504	Majlis Daerah Road
4	T003	40	4.483961	100.403519	Majlis Daerah Road
5	T004	40	4.483847	100.403528	Majlis Daerah Road
6	T005	40	4.483723	100.403534	Majlis Daerah Road
7	T006	40	4.483598	100.403552	Majlis Daerah Road
8	T007	40	4.483479	100.403547	Majlis Daerah Road
9	T008	40	4.483325	100.403550	Majlis Daerah Road
10	T009	40	4.483179	100.403561	Majlis Daerah Road
11	T010	40	4.483038	100.403564	Majlis Daerah Road
12	T011	40	4.484141	100.403459	Majlis Daerah Road
13	T012	40	4.484113	100.403310	Majlis Daerah Road
14	T013	40	4.484077	100.403170	Majlis Daerah Road
15	T014	40	4.484143	100.403080	Majlis Daerah Road
16	T015	40	4.484126	100.402986	Majlis Daerah Road
17	T016	40	4.484093	100.402859	Majlis Daerah Road
18	T017	40	4.484046	100.402749	Majlis Daerah Road
19	T018	40	4.484003	100.402655	Majlis Daerah Road
20	T019	40	4.483965	100.402544	Majlis Daerah Road
21	T020	40	4.484260	100.403044	Majlis Daerah Road
22	T021	40	4.484376	100.403017	Majlis Daerah Road
23	T022	40	4.484522	100.402979	Majlis Daerah Road
24	T023	40	4.484637	100.402964	Majlis Daerah Road
25	T024	40	4.484780	100.402946	Majlis Daerah Road
26	T025	40	4.484897	100.402912	Majlis Daerah Road
27	T026	40	4.485054	100.402868	Majlis Daerah Road
28	T027	40	4.485151	100.402843	Majlis Daerah Road
29	T028	40	4.485269	100.402801	Majlis Daerah Road
30	T029	40	4.485414	100.402756	Majlis Daerah Road
31	T030	40	4.485504	100.402727	Majlis Daerah Road
32	T031	30	4.485478	100.402613	Majlis Daerah Road
33	T032	30	4.485435	100.402510	Majlis Daerah Road
34	T033	30	4.485341	100.402547	Majlis Daerah Road
35	T034	30	4.485505	100.402485	Majlis Daerah Road
36	T035	30	4.485554	100.402463	Majlis Daerah Road
37	T036	30	4.485527	100.402387	Majlis Daerah Road
38	T037	30	4.485483	100.402301	Majlis Daerah Road
39	T038	30	4.485355	100.402365	Majlis Daerah Road

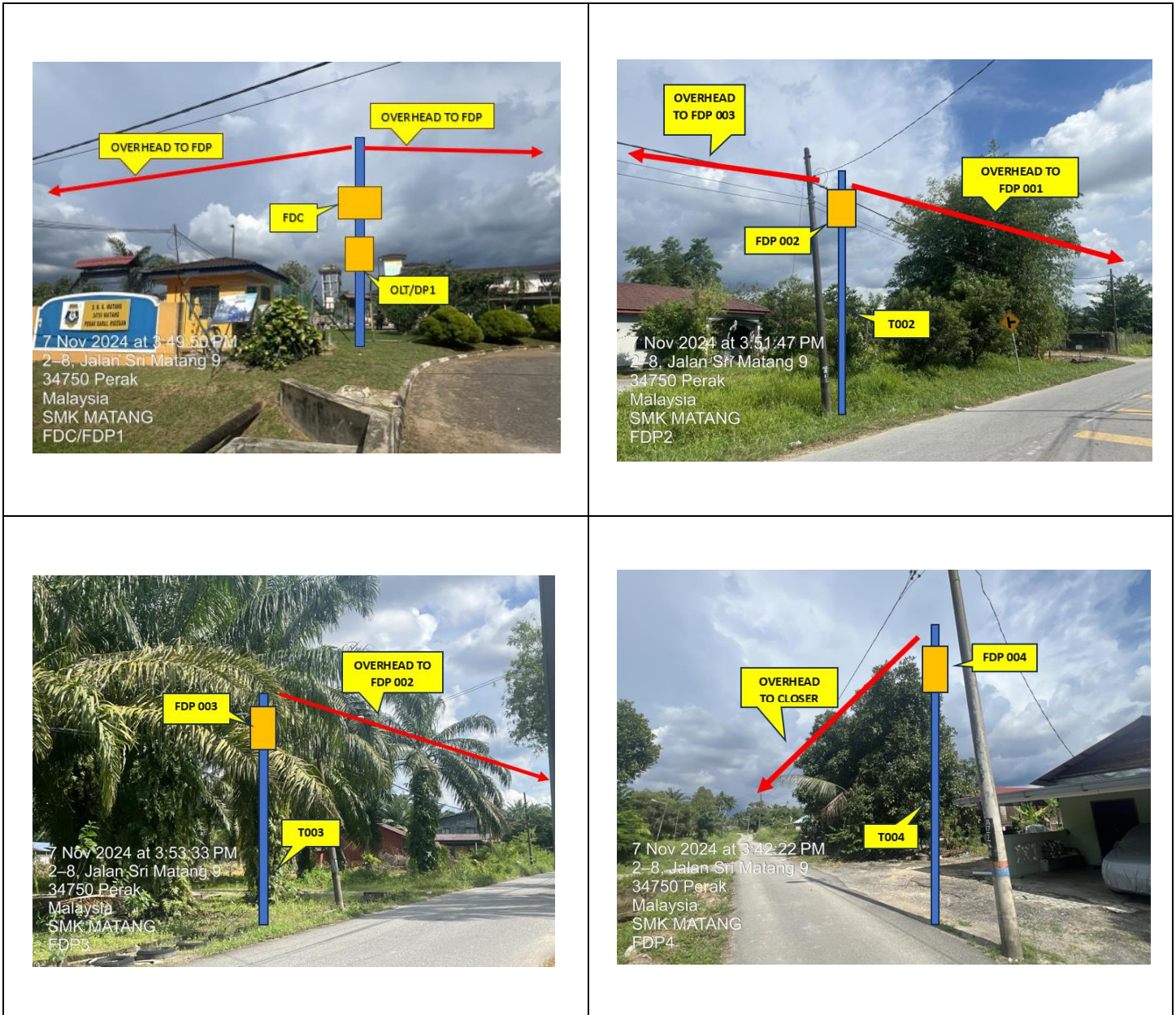


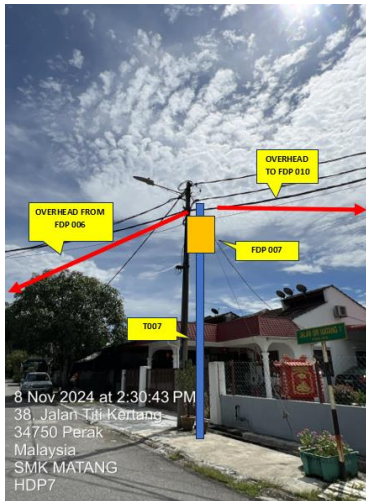
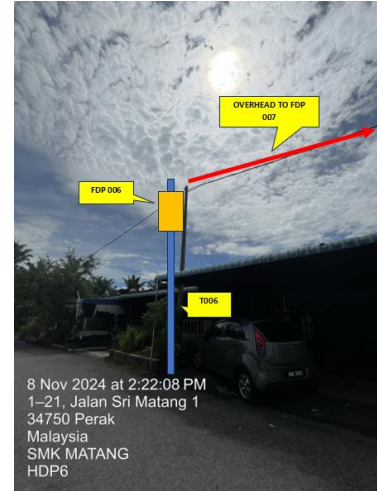
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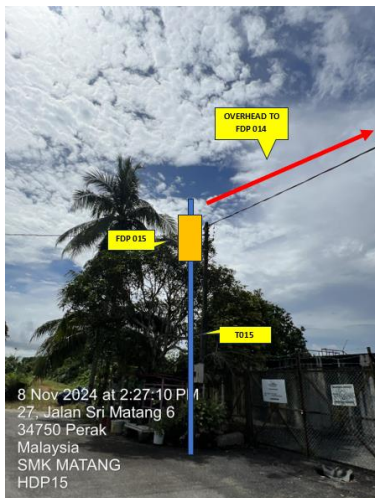
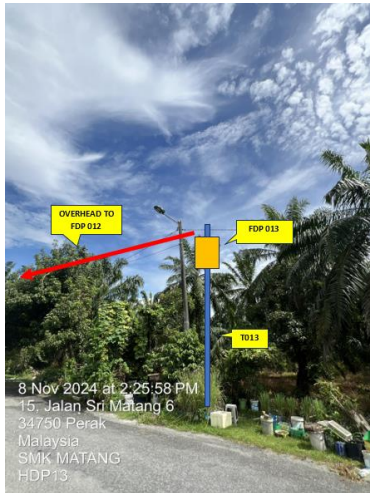
40	T039	30	4.485436	100.402199	Majlis Daerah Road
41	T040	30	4.485296	100.402255	Majlis Daerah Road
42	T041	30	4.485397	100.402109	Majlis Daerah Road
43	T042	30	4.485377	100.402028	Majlis Daerah Road
44	T043	30	4.485290	100.402062	Majlis Daerah Road
45	T044	30	4.485213	100.402079	Majlis Daerah Road
46	T045	30	4.485134	100.402107	Majlis Daerah Road
47	T046	30	4.485043	100.402136	Majlis Daerah Road
48	T047	30	4.484950	100.401991	Majlis Daerah Road
49	T048	30	4.485157	100.401970	Majlis Daerah Road
50	T049	30	4.485054	100.401805	Majlis Daerah Road

5.0 SITE PHOTOS - PROPOSED NEW POLE









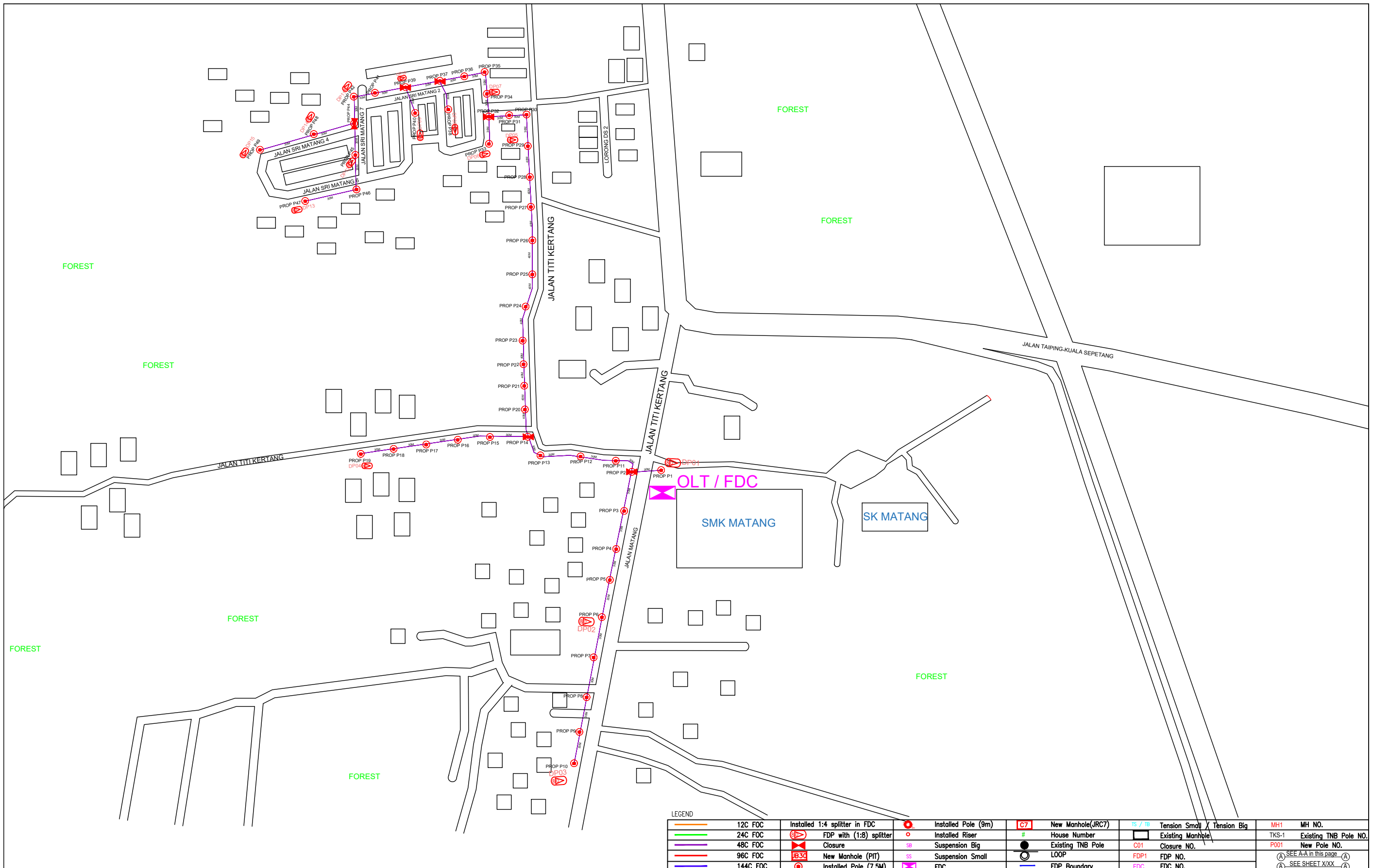


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6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Larut Matang	1500m



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.		New Pole NO.
	48C FOC		Closure		Suspension Big		Existing TNB Pole		Closure NO.		FDP NO.		FDC NO.
	96C FOC		New Manhole (PIT)		Suspension Small		LOOP		FDP NO.		FDC NO.		SEE SHEET XXX
	144C FOC		Installed Pole (7.5M)		FDC		FDP Boundary		FDC NO.				

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

PROJECT TITLE:

PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SMK MATANG) TO PREMISES PASS AREA

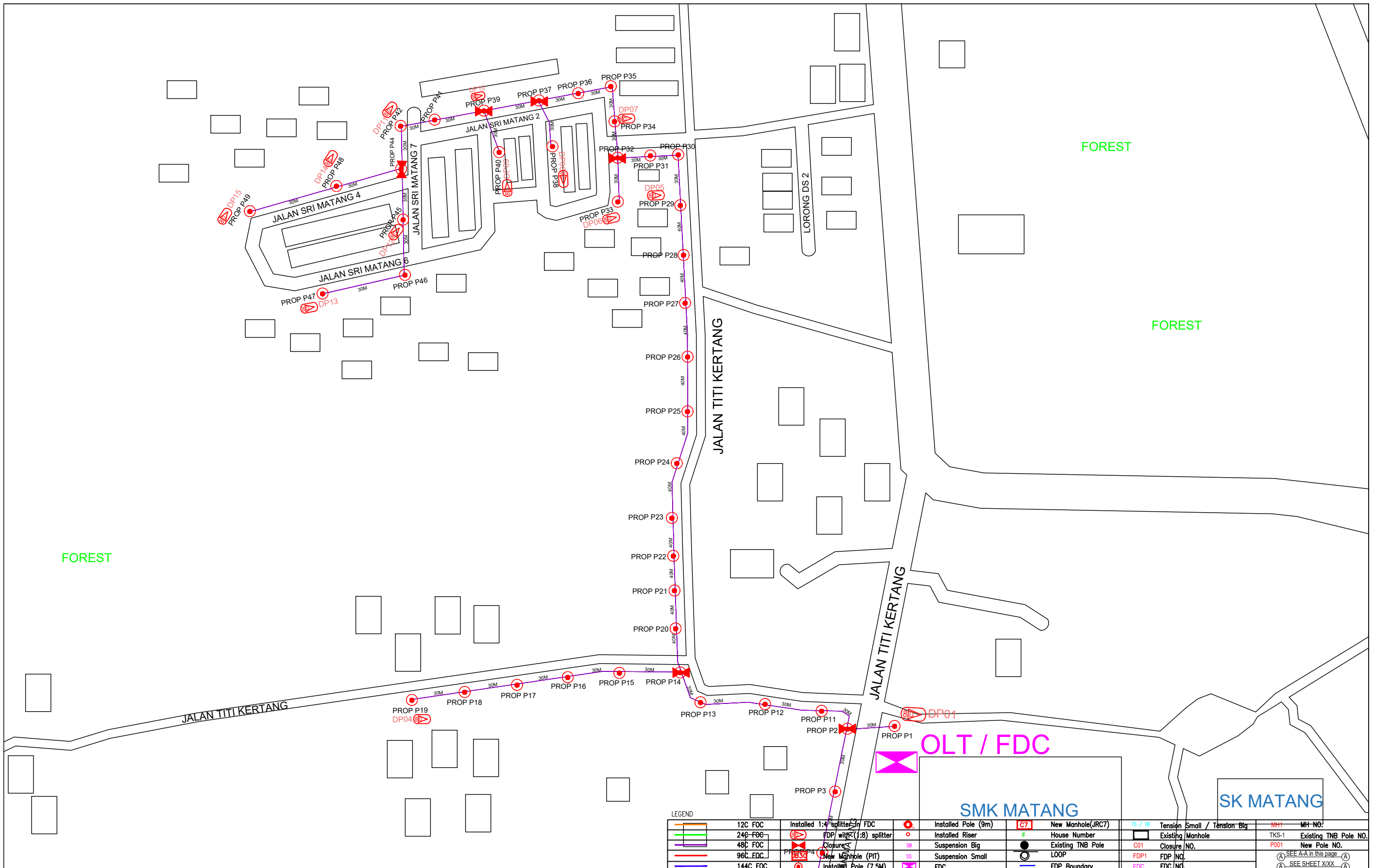
DRAWING TITLE:

SMK MATANG

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		New Manhole (JRC7)		Tension Small / Tension Big		MH-1 MH-NO.	
12C FOC	Installed 1:4 splitter in FDC	TS / TB	New Manhole	TS / TB	Tension Small / Tension Big	MH-1	MH-NO.
24C FOC	FDP with (1:8) splitter	#	House Number	Existing	Manhole	TKS-1	Existing TNB Pole NO.
48C FOC	Closure	SB	Suspension Big	C01	Closure NO.	P001	New Pole NO.
96C FOC	New Manhole (PIT)	SS	Suspension Small	FDP1	FDP NO.	(A)	SEE A-A in this page (A)
144C FOC	Installed Pole (7.5M)	FDC	FDC	FDC	FDC NO.	(A)	SEE SHEET XXX (A)
		FC7	New Manhole (JRC7)				
			House Number				
			Existing TNB Pole				
			LOOP				
			FDP Boundary				

KEY PLAN :

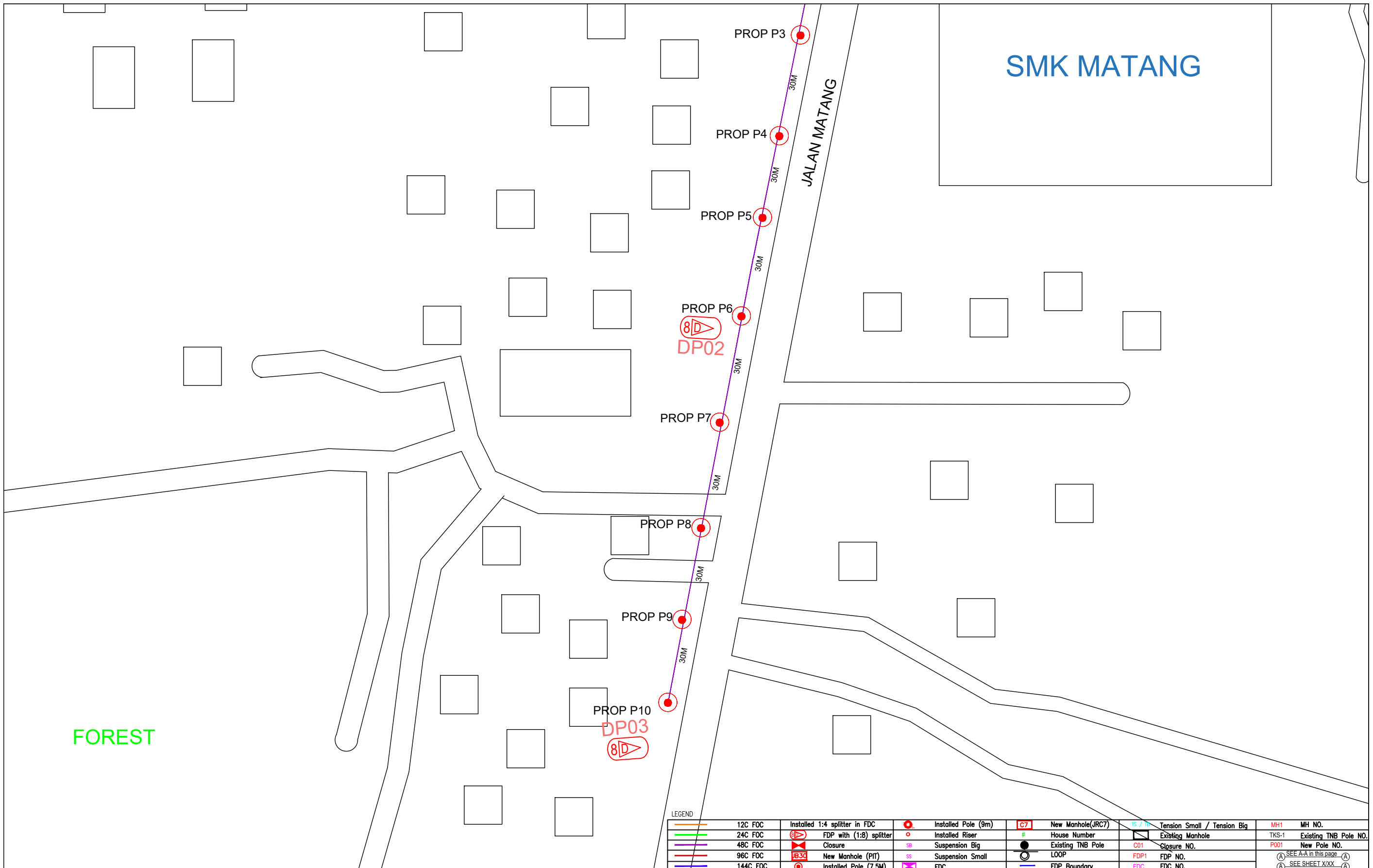


PROJECT TITLE:
PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SMK MATANG) TO PREMISES PASS AREA

DRAWING TITLE:
SMK MATANG

PROJECT PHASE:
PROJECT PHASE

Design By : ENGINEER	Date : DATE
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LEGEND

	12C FOC		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 (A)
	144C FOC		Installed Pole (7.5M)		FDC		FDP Boundary		FDC NO.	(A) SEE SHEET XXX (A)

KEY PLAN :	PROJECT OWNER : 	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: PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SMK MATANG) TO PREMISES PASS AREA	DRAWING TITLE: SMK MATANG	Design By : ENGINEER Date : DATE
				PROJECT PHASE: PROJECT PHASE	Checked By : ENGINEER Job Number : JOB/NUMBER	Scale : NTS
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