



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 AEE6061 SEKOLAH MENENGAH KEBANGSAAN TENGKU MENTERI (D-SIDE))

Company Name : Archway Mapping Services Sdn. Bhd.
Company Address : No 48-1, Jalan TU39A, Ayer Keroh Melaka
Prepared By : Muhammad Adham
Date : 2/12/2024



Point A



Point B

Starting Point

Site / Boundary Name : CHANGKAT JERING
Address : SMK TENGKU MENTERI
District : LARUT MATANG
Postcode : 34850
State : PERAK
GPS Coordinate : 4.787870, 100.723776
LRD : A

End Point

Site / Boundary Name : CHANGKAT JERING
Address : LORONG MAJU 2, TAMAN CHANGKAT MAJU, PERAK
District : LARUT MATANG
Postcode : 34850
State : PERAK
GPS Coordinate : 4.785632,100.722328
LRD : B



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1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	100
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	6
4	Micro Trenching (MT)	m	0
Total			106

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	1311
2	Install New Pole	ea	39
3	Install New JRC7 Manhole	ea	2
4	Install GI Riser 100mm	m	12
5	Install Fiber Distribution Point	ea	17
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	1	106m
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	8	299m
		Majlis	31	906m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				1311m

3.0 SITE PLAN (KMZ)

3.1 Overview Site Area



3.2 Site Plan - KMZ Routing (All Local Authority)



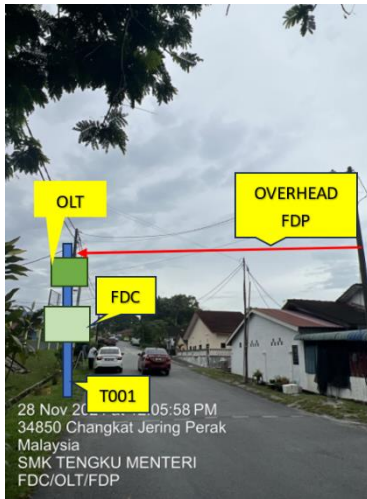
Red Colour – JKR Road

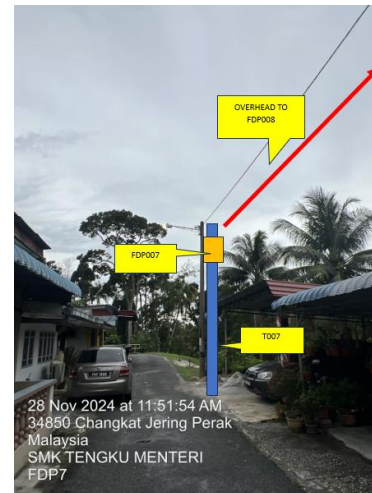
Blue Colour - Majlis Road

4.0 PROPOSED NEW POLE FDP

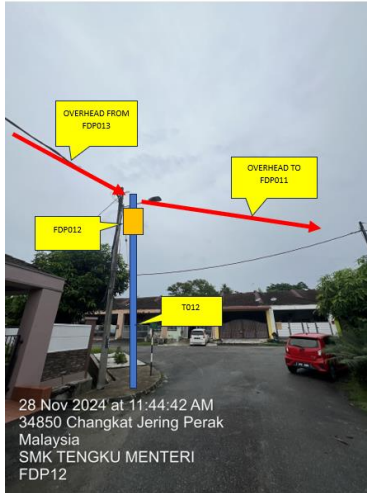
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	0	4.788300	100.722910	Majlis Daerah Road
2	T002	45	4.788124	100.722994	Majlis Daerah Road
3	T003	45	4.787648	100.723232	Majlis Daerah Road
4	T004	45	4.787513	100.722957	Majlis Daerah Road
5	T005	45	4.788003	100.722755	Majlis Daerah Road
6	T006	45	4.787859	100.722468	Majlis Daerah Road
7	T007	45	4.788412	100.722696	JKR Road
8	T008	45	4.786013	100.724039	Majlis Daerah Road
9	T009	45	4.785644	100.724009	Majlis Daerah Road
10	T010	45	4.785301	100.723958	Majlis Daerah Road
11	T011	45	4.784827	100.723880	Majlis Daerah Road
12	T012	45	4.784440	100.723677	Majlis Daerah Road
13	T013	45	4.784471	100.723379	Majlis Daerah Road
14	T014	45	4.784766	100.722754	Majlis Daerah Road
15	T015	45	4.784953	100.722857	Majlis Daerah Road
16	T016	45	4.785202	100.722995	Majlis Daerah Road
17	T017	45	4.785437	100.723131	Majlis Daerah Road
18	T018	45	4.785618	100.723239	Majlis Daerah Road
19	T019	45	4.785627	100.722621	Majlis Daerah Road
20	T020	45	4.785396	100.722489	Majlis Daerah Road
21	T021	45	4.785193	100.722372	Majlis Daerah Road
22	T022	45	4.785032	100.722279	Majlis Daerah Road
23	T023	45	4.785303	100.722130	Majlis Daerah Road
24	T024	45	4.785632	100.722328	Majlis Daerah Road
25	T025	45	4.785463	100.723556	Majlis Daerah Road
26	T026	45	4.785155	100.725493	Majlis Daerah Road
27	T027	45	4.784800	100.723428	Majlis Daerah Road
28	T028	45	4.788215	100.722331	JKR Road
29	T029	45	4.787977	100.722037	JKR Road
30	T030	45	4.787646	100.722304	JKR Road
31	T031	45	4.787345	100.722545	JKR Road
32	T032	45	4.787026	100.722799	JKR Road
33	T033	45	4.786780	100.723084	JKR Road
34	T034	45	4.786605	100.723360	JKR Road
35	T035	45	4.788340	100.722904	Majlis Daerah Road
36	T036	45	4.785160	100.722056	Majlis Daerah Road
37	T037	45	4.785881	100.722770	Majlis Daerah Road
38	T038	45	4.785731	100.723047	Majlis Daerah Road
39	T039	45	4.784604	100.723094	Majlis Daerah Road

5.0 SITE PHOTOS - PROPOSED NEW POLE











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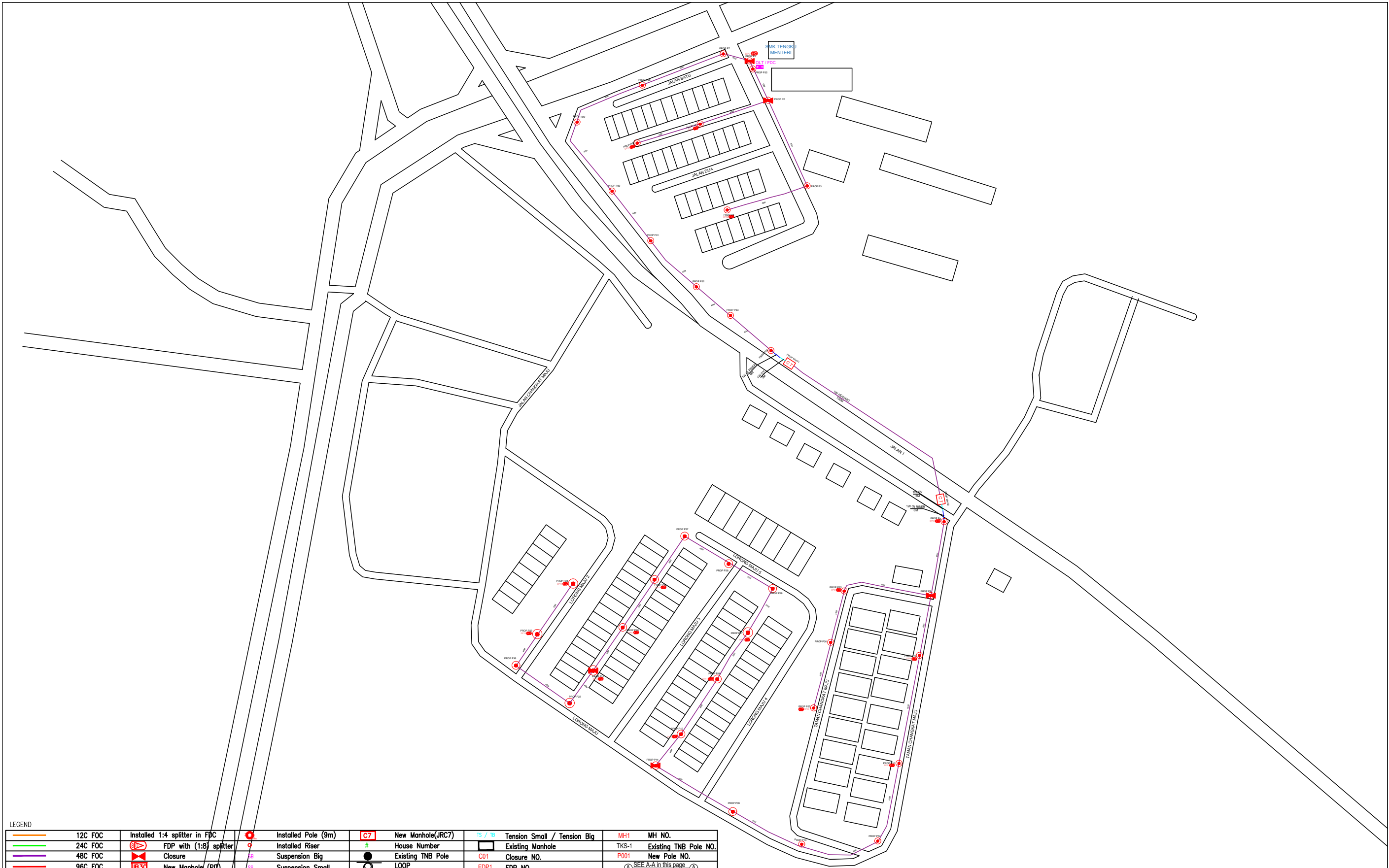


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6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Larut Matang	1311m



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 (PT)		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 :



KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR



APEX COMMUNICATIONS SDN BHD



PRIVASAT

SUB-CONTRACTOR :



ARCHWAY

ARCHWAY MAPPING SERVICES SDN BHD
No 48 Jalan TU 39A, Taman Tasik Utama,
75450 Ayer Keroh, Melaka

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Website : www.archwaymalaysia.com

PROJECT TITLE:

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

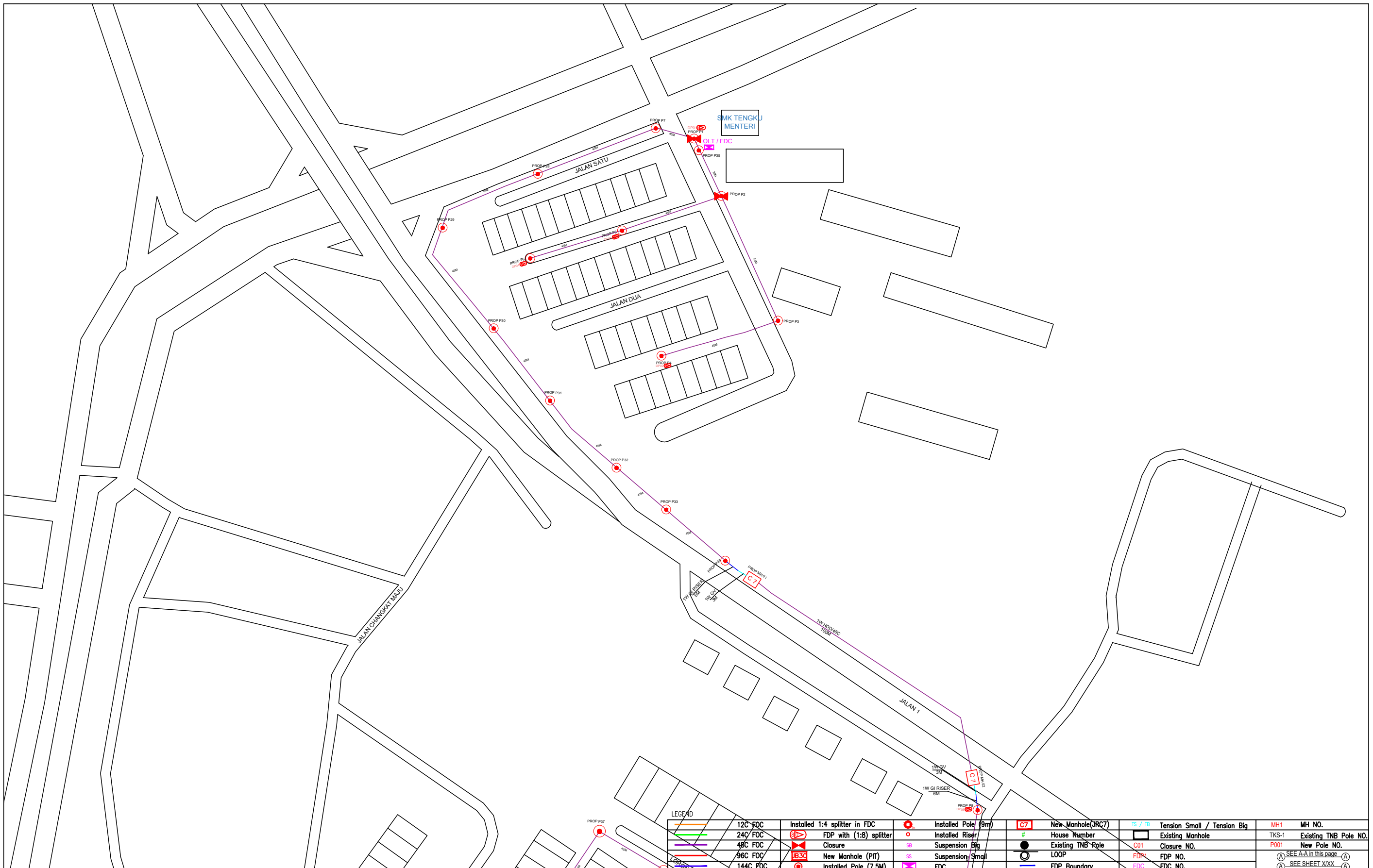
DRAWING TITLE:

SMK TENGGU MENTERI

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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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	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	FDC	FDP Boundary	FDC	FDC NO.	(A) SEE SHEET XXX	(A)

KEY PLAN :

PROJECT OWNER :



KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR



APEX COMMUNICATIONS SDN BHD



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LEGEND	
	12C FOC
	24C FOC
	48C FOC
	96C FOC
	144C FOC
	Installed Pole (9m)
	Installed Pole (7.5M)
	Installed 1:4 splitter in FDC
	FDP with (1:8) splitter
	Closure
	New Manhole (PIT)
	Installed Pole (7.5M)
	Installed Riser
	Suspension Big
	Suspension Small
	FDC
	New Manhole(JRC7)
	House Number
	Existing TNB Pole
	LOOP
	FDP Boundary
	TS / TB Tension Small / Tension Big
	Existing Manhole
	Closure NO.
	FDP NO.
	FDC NO.
	MH1 MH NO.
	TKS-1 Existing TNB Pole NO.
	P001 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
181475-W



PRIVASAT

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