





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 AEA6063 SEKOLAH MENENGAH KEBANGSAAN TOH JOHAN (D-SIDE)

Company Name : Archway Mapping Services Sdn. Bhd.
Company Address : No 48-1, Jalan TU39A, Ayer Keroh Melaka
Prepared By : Muhammad Adham
Date : 13/11/2024

 <p>Point A</p>	 <p>Point B</p>
--	--

Starting Point

Site / Boundary Name : TERONG
Address : SMK TOH JOHAN
District : LARUT MATANG
Postcode : 34800
State : PERAK
GPS Coordinate : 4.413034, 100.425818
LRD : A

End Point

Site / Boundary Name : TERONG
Address : JALAN T.A 2, TERONG, PERAK
District : LARUT MATANG
Postcode : 34800
State : PERAK
GPS Coordinate : 4.411917,100.431158
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	330
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	6
4	Micro Trenching (MT)	m	0
Total			336

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	1320
2	Install New Pole	ea	35
3	Install New JRC7 Manhole	ea	3
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

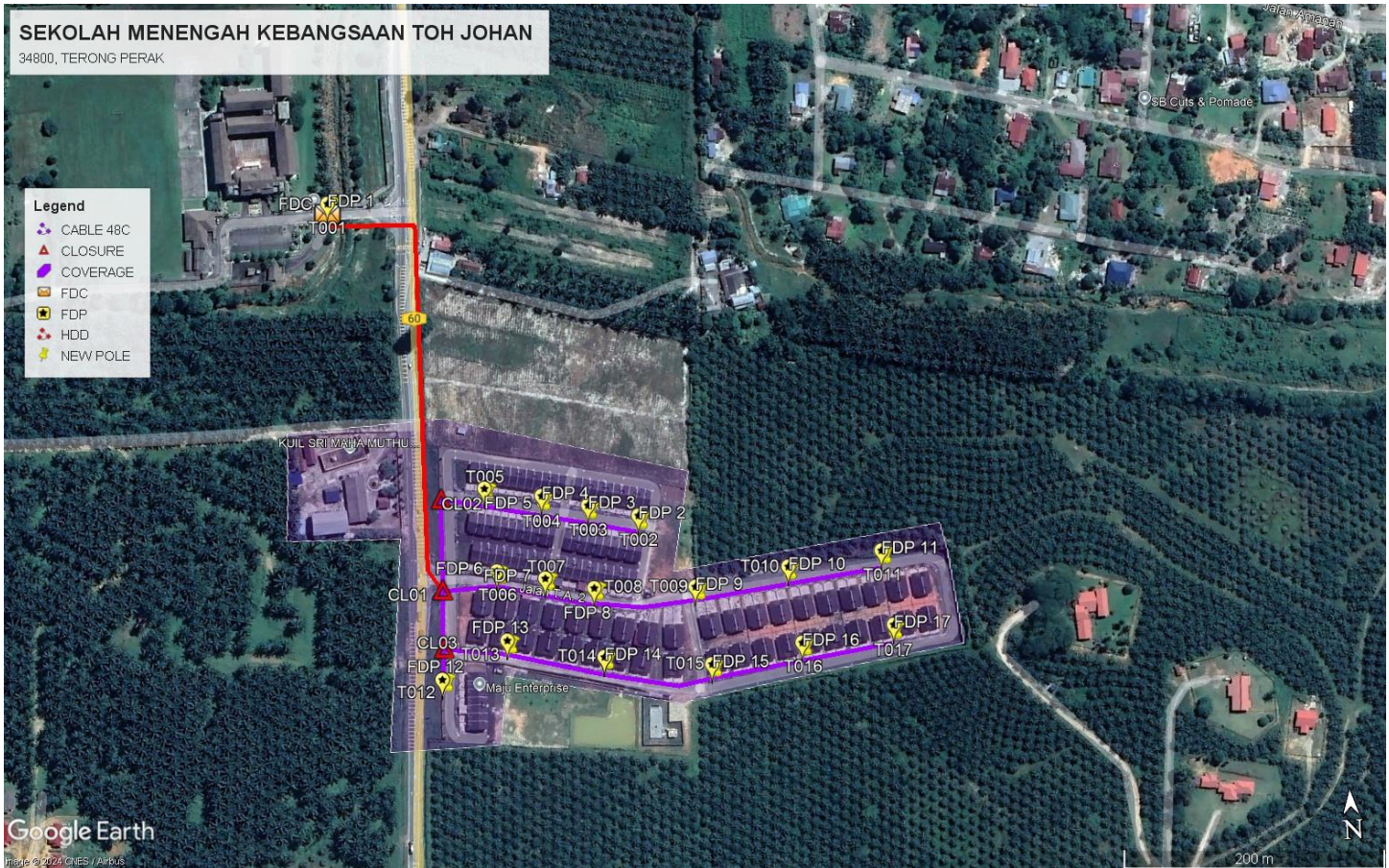
2.0 LOCAL AUTHORITY SUMMARY

Daerah Larut Matang

Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	2	330
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	-	-
		Majlis	35	990m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				1320m

3.0 SITE PLAN (KMZ)

3.1 Overview Site Area



3.2 Site Plan - KMZ Routing (All Local Authority)



Red Colour – JKR Road

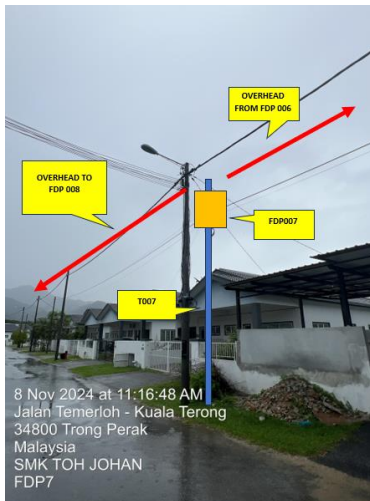
Blue Colour - Majlis Road

4.0 PROPOSED NEW POLE FDP

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	FDC	0	4.413034	100.425818	Majlis Daerah Road
2	T001	3	4.413053	100.425817	Majlis Daerah Road
3	T002	350	4.412159	100.430054	Majlis Daerah Road
4	T003	30	4.412253	100.430058	Majlis Daerah Road
5	T004	30	4.412341	100.430063	Majlis Daerah Road
6	T005	30	4.412322	100.430167	Majlis Daerah Road
7	T006	30	4.412289	100.430307	Majlis Daerah Road
8	T007	30	4.412260	100.430422	Majlis Daerah Road
9	T008	30	4.412228	100.430545	Majlis Daerah Road
10	T009	30	4.412109	100.430051	Majlis Daerah Road
11	T010	30	4.412121	100.430116	Majlis Daerah Road
12	T011	30	4.412114	100.430185	Majlis Daerah Road
13	T012	30	4.412090	100.430306	Majlis Daerah Road
14	T013	30	4.412071	100.430366	Majlis Daerah Road
15	T014	30	4.412059	100.430426	Majlis Daerah Road
16	T015	30	4.412041	100.430521	Majlis Daerah Road
17	T016	30	4.412047	100.430604	Majlis Daerah Road
18	T017	30	4.412043	100.430678	Majlis Daerah Road
19	T018	30	4.412065	100.430792	Majlis Daerah Road
20	T019	30	4.412079	100.430907	Majlis Daerah Road
21	T020	30	4.412088	100.431024	Majlis Daerah Road
22	T021	30	4.412104	100.431143	Majlis Daerah Road
23	T022	30	4.411960	100.430044	Majlis Daerah Road
24	T023	30	4.411855	100.430035	Majlis Daerah Road
25	T024	30	4.411960	100.430136	Majlis Daerah Road
26	T025	30	4.411940	100.430202	Majlis Daerah Road
27	T026	30	4.411926	100.430290	Majlis Daerah Road
28	T027	30	4.411904	100.430367	Majlis Daerah Road
29	T028	30	4.411886	100.430440	Majlis Daerah Road
30	T029	30	4.411869	100.430528	Majlis Daerah Road
31	T030	30	4.411845	100.430627	Majlis Daerah Road
32	T031	30	4.411850	100.430706	Majlis Daerah Road
33	T032	30	4.411868	100.430831	Majlis Daerah Road
34	T033	30	4.411889	100.430933	Majlis Daerah Road
35	T034	30	4.411905	100.431052	Majlis Daerah Road
36	T035	30	4.411917	100.431158	Majlis Daerah Road

5.0 SITE PHOTOS - PROPOSED NEW POLE











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))



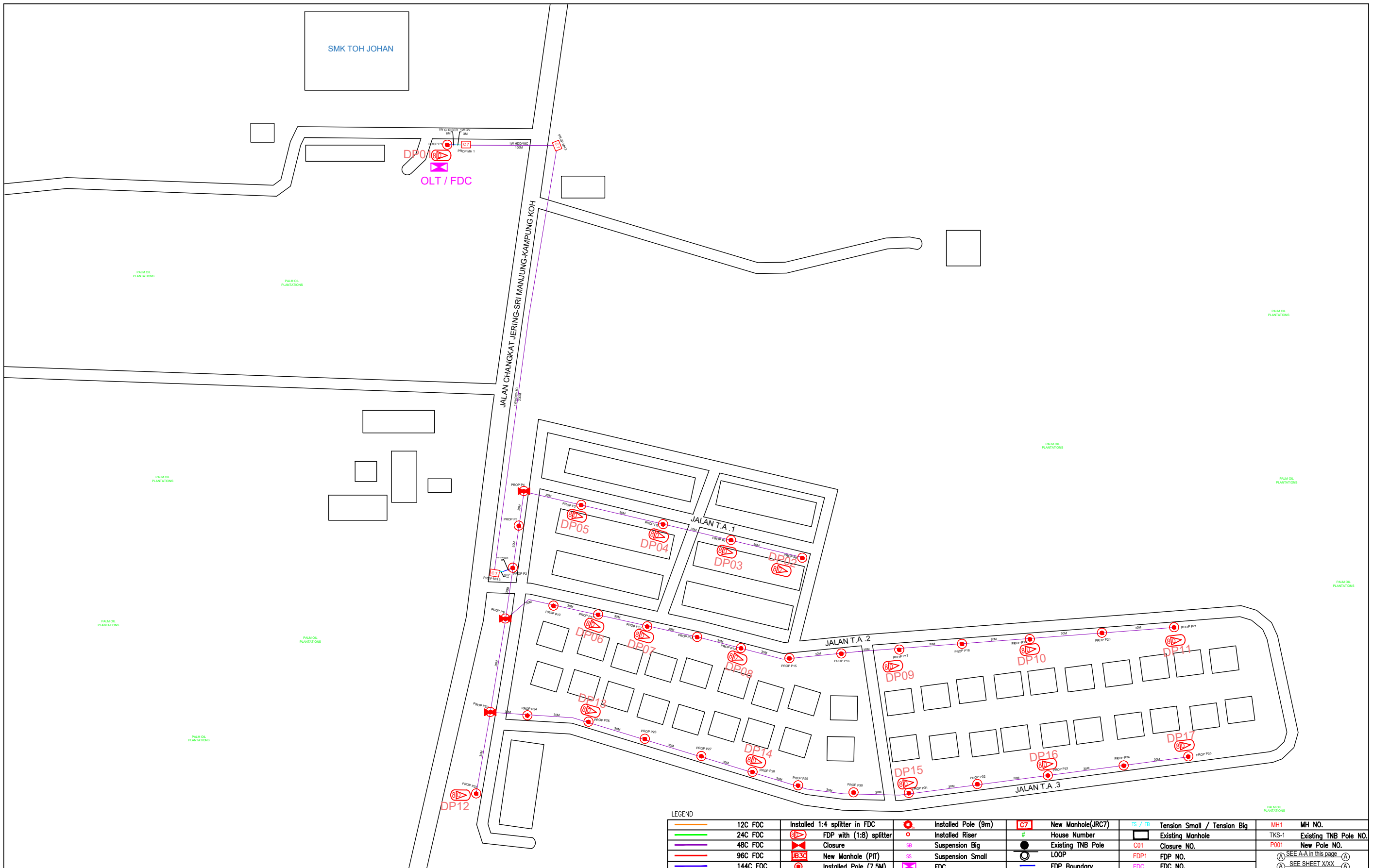


PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN
SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI
SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA
(KKMM.400-11/17/132(1))



6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Larut Matang	1320m



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 SHEET XXX
	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 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 TOH JOHAN) TO PREMISES PASS AREA

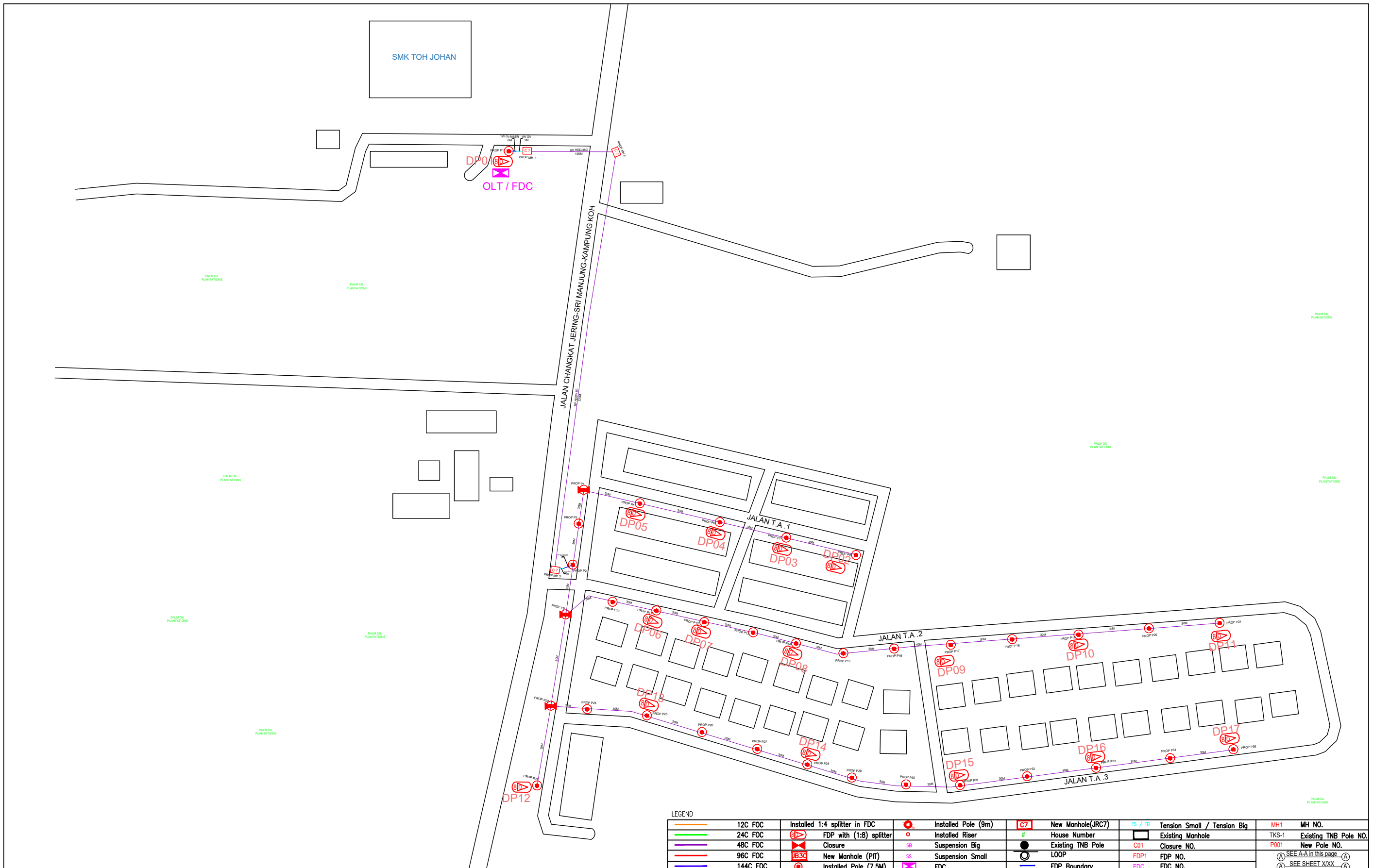
DRAWING TITLE:

SMK TOH JOHAN

PROJECT PHASE:

PROJECT PHASE

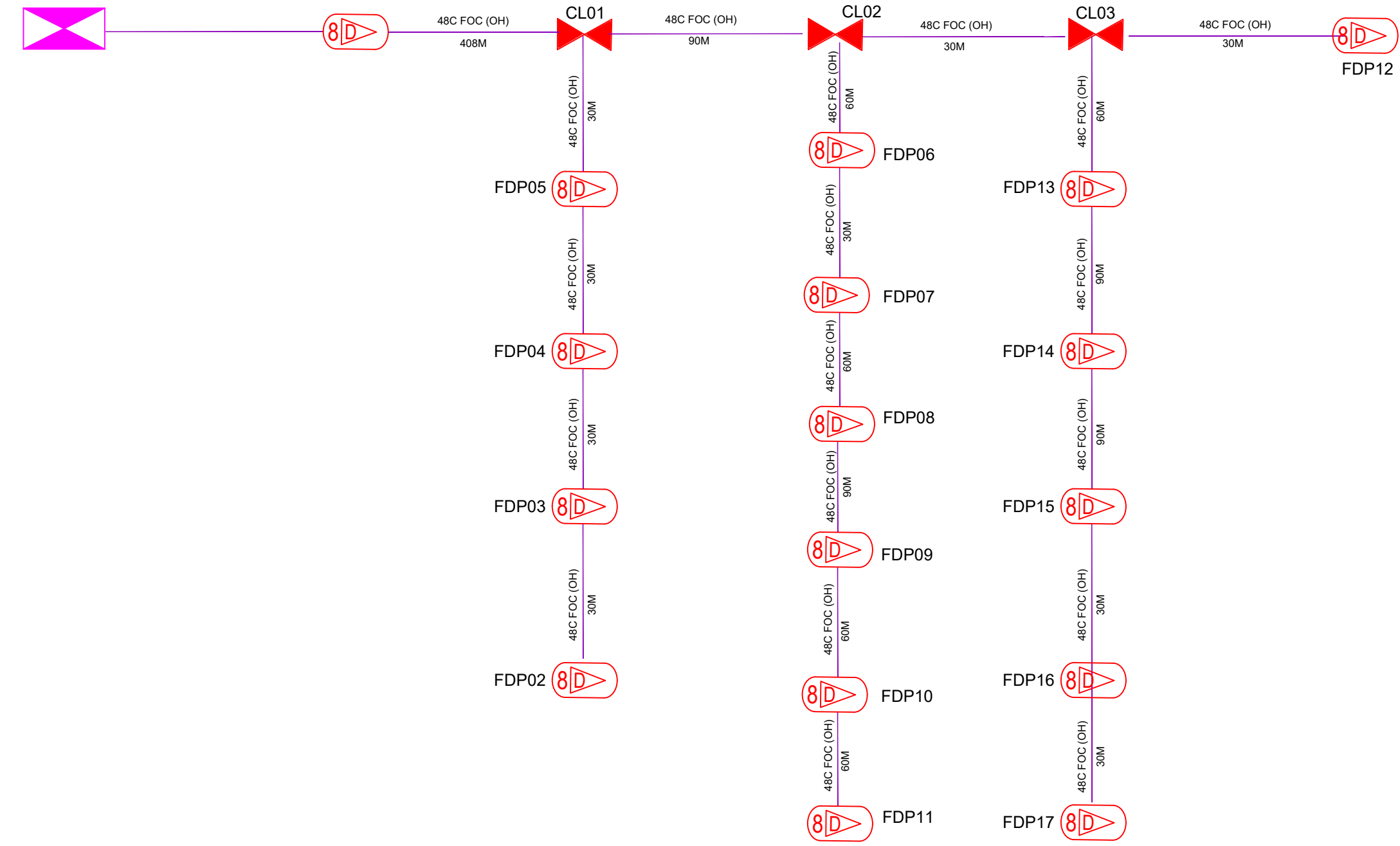
Design By : ENGINEER	Date : DATE
Drawn By : CAD ENGINEER	Scale : NTS
Checked By : ENGINEER	Job Number : JOB/NUMBER
DRAWING NUMBER : DRAWING/NUMBER	Sheet : 1/1
THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF ALLO TECHNOLOGY SDN BHD	
Size : A3	



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

KEY PLAN :	PROJECT OWNER :	MAIN CONTRACTOR	SUB-CONTRACTOR :	PROJECT TITLE:	DRAWING TITLE:	Design By : ENGINEER	Date : DATE
				PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SMK TOH JOHAN) TO PREMISES PASS AREA	SMK TOH JOHAN	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
					PROJECT PHASE	DRAWING NUMBER : DRAWING/NUMBER	
						THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF ALLO TECHNOLOGY SDN BHD	
						Sheet : 1/1	Size : A3

PROPOSED FDC
SMK TOH JOHAN



LEGEND

12C FOC	Installed 1:4 splitter in FDC	Installed Pole (9m)	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	Existing TNB Pole	C01 Closure NO.	P001 New Pole NO.
96C FOC	New Manhole (PIT)	Suspension Small	LOOP	FDP1 FDP NO.	(A) SEE A/A in this page
144C FOC	Installed Pole (7.5M)	FDC	FDP Boundary	FDC FDC NO.	(A) SEE SHEET XXX

KEY PLAN :	PROJECT OWNER : 	MAIN CONTRACTOR 	SUB-CONTRACTOR : 	PROJECT TITLE: PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SMK TOH JOHAN) TO PREMISES PASS AREA	DRAWING TITLE: D-SIDE - SMK TOH JOHAN	Design By : ENGINEER	Date : DATE	
						Drawn By : CAD ENGINEER	Scale : NTS	
					PROJECT PHASE: PROJECT PHASE	Checked By : ENGINEER	Job Number : JOB/NUMBER	
						DRAWING NUMBER : DRAWING/NUMBER		Sheet : 1/1
						THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF ALLO TECHNOLOGY SDN BHD		Size : A3