



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 ABD6104 SEKOLAH JENIS KEBANGSAAN TAMIL SELAMA (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 : SELAMA
Address : SJKT SELAMA
District : SELAMA
Postcode : 34100
State : PERAK
GPS Coordinate : 5.222572, 100.689017
LRD : A

End Point

Site / Boundary Name : SELAMA
Address : LORONG 7, TAMAN KAYA, PERAK
District : SELAMA
Postcode : 34100
State : PERAK
GPS Coordinate : 5.218696,100.687007
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	105
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	6
4	Micro Trenching (MT)	m	0
Total			111

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	1965
2	Install New Pole	ea	55
3	Install New JRC7 Manhole	ea	2
4	Install GI Riser 100mm	m	12
5	Install Fiber Distribution Point	ea	14
6	Install Closure	ea	5
7	Estimated Time Required for Completion	days	21

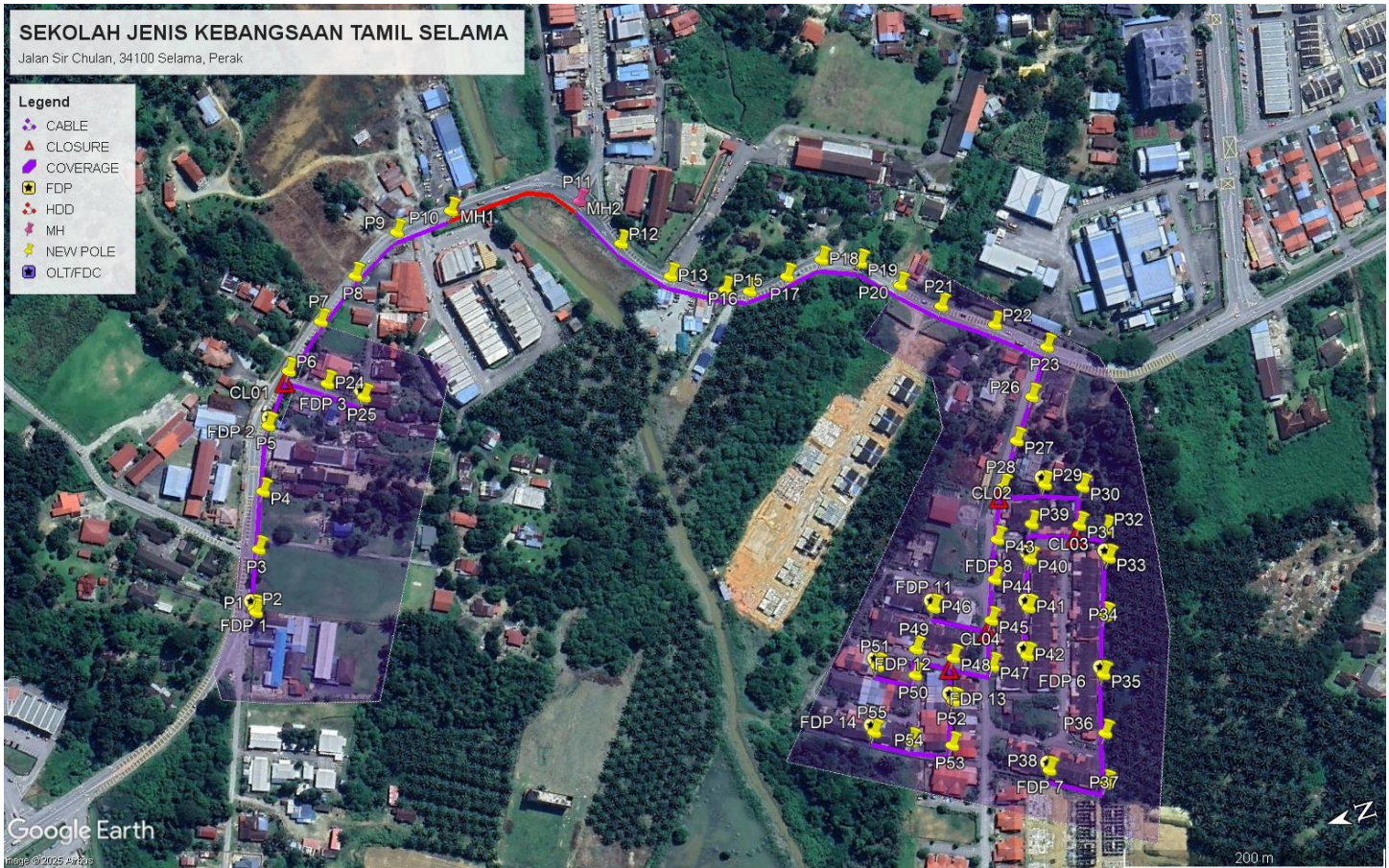
2.0 LOCAL AUTHORITY SUMMARY

Daerah Selama

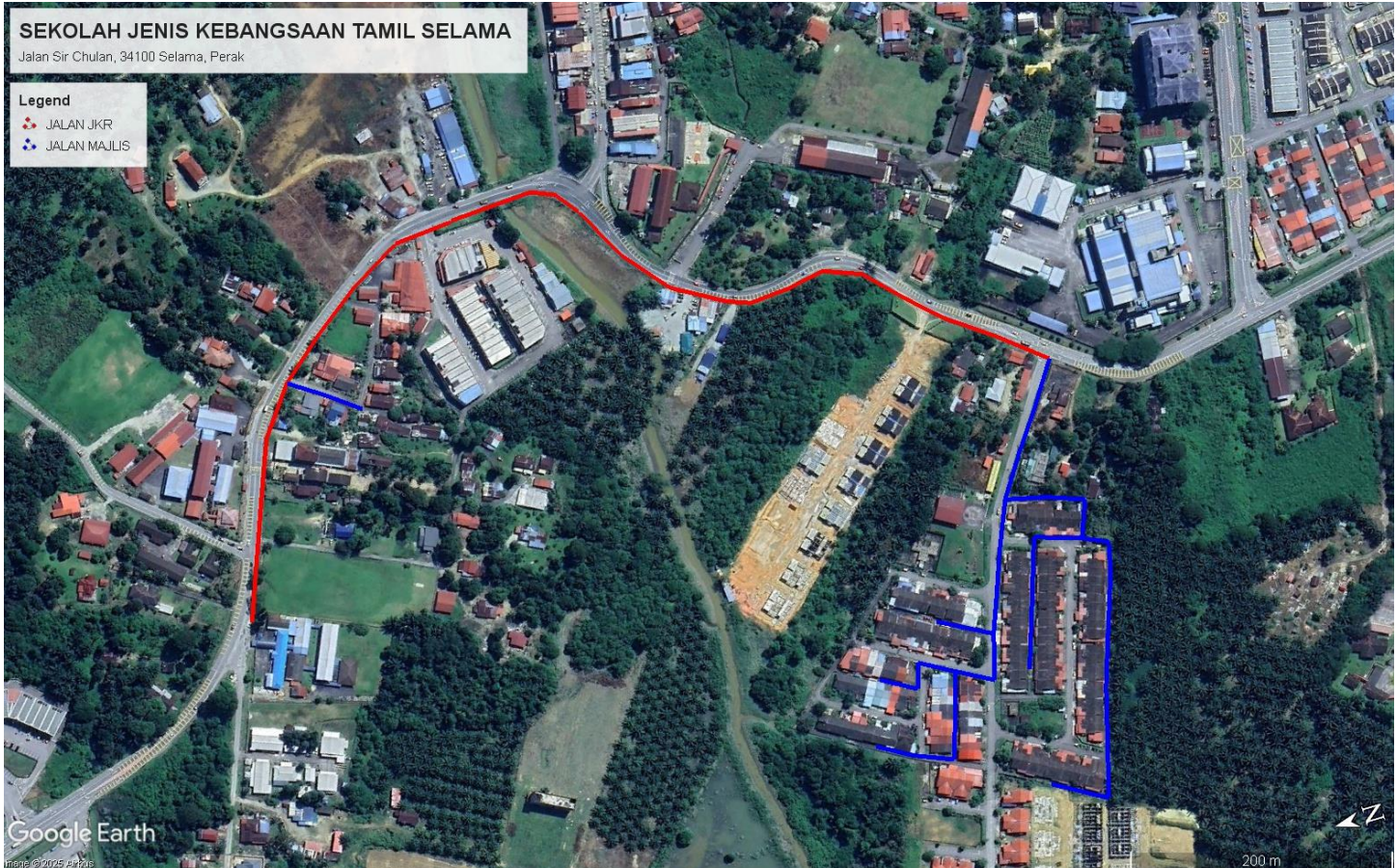
Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	1	111m
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	23	766m
		Majlis	32	1088m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				1965m

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	5.222572	100.689017	JKR Road
2	T002	45	5.222573	100.689046	JKR Road
3	T003	45	5.222431	100.689432	JKR Road
4	T004	45	5.222289	100.689810	JKR Road
5	T005 (Pole 9M)	45	5.222125	100.690239	JKR Road
6	T006 (Pole 9M)	45	5.221884	100.690563	JKR Road
7	T007 (Pole 9M)	45	5.221574	100.690832	JKR Road
8	T008 (Pole 9M)	45	5.221256	100.691069	JKR Road
9	T009 (Pole 9M)	45	5.220895	100.691278	JKR Road
10	T010 (Pole 9M)	45	5.220494	100.691316	JKR Road
11	T011	45	5.219622	100.691123	JKR Road
12	T012	45	5.219426	100.690765	JKR Road
13	T013 (Pole 9M)	45	5.219161	100.690449	JKR Road
14	T014 (Pole 9M)	45	5.218986	100.690349	JKR Road
15	T015 (Pole 9M)	45	5.218823	100.690252	JKR Road
16	T016 (Pole 9M)	45	5.218665	100.690194	JKR Road
17	T017	45	5.218388	100.690219	JKR Road
18	T018	45	5.218126	100.690265	JKR Road
19	T019	45	5.217874	100.690169	JKR Road
20	T020 (Pole 9M)	45	5.217652	100.689939	JKR Road
21	T021 (Pole 9M)	45	5.217421	100.689721	JKR Road
22	T022 (Pole 9M)	45	5.217101	100.689492	JKR Road
23	T023 (Pole 9M)	45	5.216798	100.689242	JKR Road
24	T024	45	5.221652	100.690404	Majlis Daerah Road
25	T025	45	5.221434	100.690243	Majlis Daerah Road
26	T026	45	5.216995	100.688939	Majlis Daerah Road
27	T027	45	5.217181	100.688675	Majlis Daerah Road
28	T028 (Pole 9M)	45	5.217363	100.688393	Majlis Daerah Road
29	T029	45	5.217079	100.688328	Majlis Daerah Road
30	T030	45	5.216834	100.688237	Majlis Daerah Road
31	T031 (Pole 9M)	45	5.216929	100.687989	Majlis Daerah Road
32	T032	45	5.216758	100.687911	Majlis Daerah Road
33	T033	45	5.216798	100.687713	Majlis Daerah Road
34	T034	45	5.216933	100.687333	Majlis Daerah Road
35	T035	45	5.217059	100.686945	Majlis Daerah Road
36	T036	45	5.217163	100.686550	Majlis Daerah Road
37	T037	45	5.217254	100.686211	Majlis Daerah Road
38	T038	45	5.217606	100.686412	Majlis Daerah Road



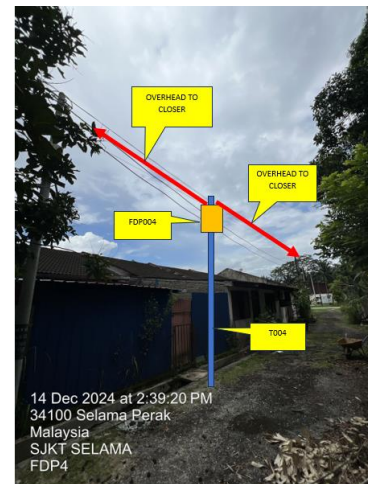
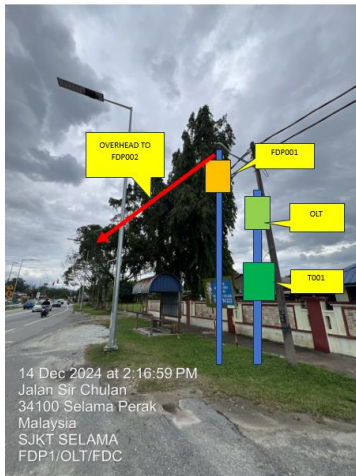
PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
 FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN
 SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI
 SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA
 (KKMM.400-11/17/132(1))

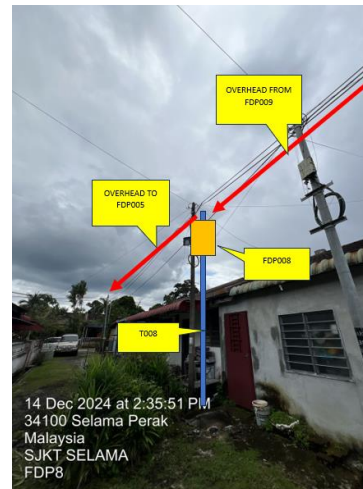
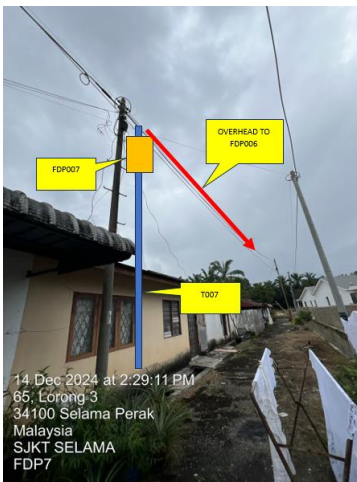
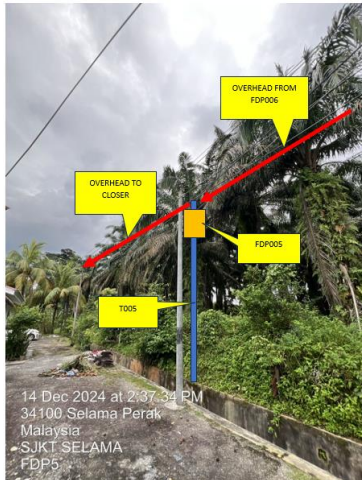


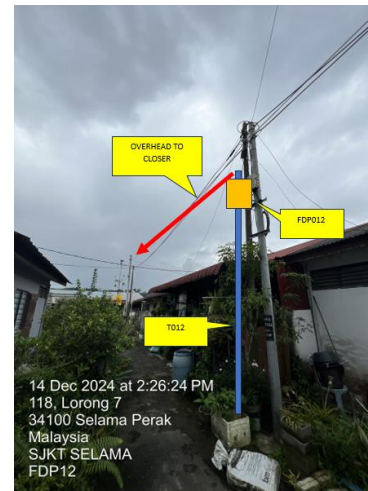
39	T039 (Pole 9M)	45	5.217244	100.688090	Majlis Daerah Road
40	T040 (Pole 9M)	45	5.217323	100.687858	Majlis Daerah Road
41	T041	45	5.217428	100.687537	Majlis Daerah Road
42	T042	45	5.217531	100.687220	Majlis Daerah Road
43	T043 (Pole 9M)	45	5.217502	100.688054	Majlis Daerah Road
44	T044	45	5.217599	100.687792	Majlis Daerah Road
45	T045 (Pole 9M)	45	5.217700	100.687526	Majlis Daerah Road
46	T046 (Pole 9M)	45	5.218058	100.687721	Majlis Daerah Road
47	T047 (Pole 9M)	45	5.217783	100.687218	Majlis Daerah Road
48	T048 (Pole 9M)	45	5.218025	100.687349	Majlis Daerah Road
49	T049 (Pole 9M)	45	5.218257	100.687480	Majlis Daerah Road
50	T050	45	5.218312	100.683709	Majlis Daerah Road
51	T051	45	5.218547	100.687443	Majlis Daerah Road
52	T052	45	5.218108	100.687060	Majlis Daerah Road
53	T053 (Pole 9M)	45	5.218203	100.686767	Majlis Daerah Road
54	T054 (Pole 9M)	45	5.218468	100.686874	Majlis Daerah Road
55	T055	45	5.218696	100.687007	Majlis Daerah Road

BIL	TYPE	7.5m	9m	TOTAL
1	No of Pole	29	26	55

5.0 SITE PHOTOS - PROPOSED NEW POLE









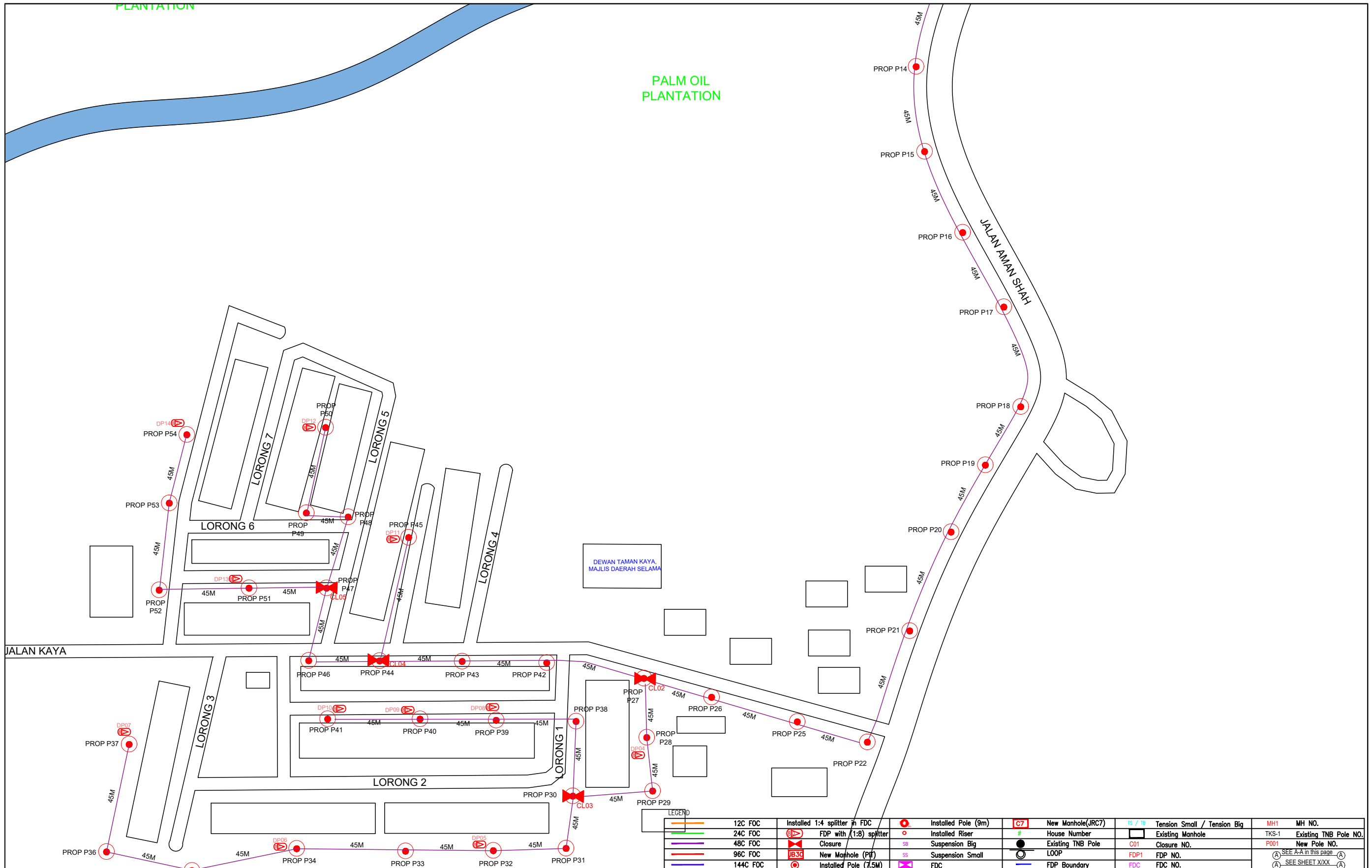


PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN
SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI
SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA
(KKMM.400-11/17/132(1))



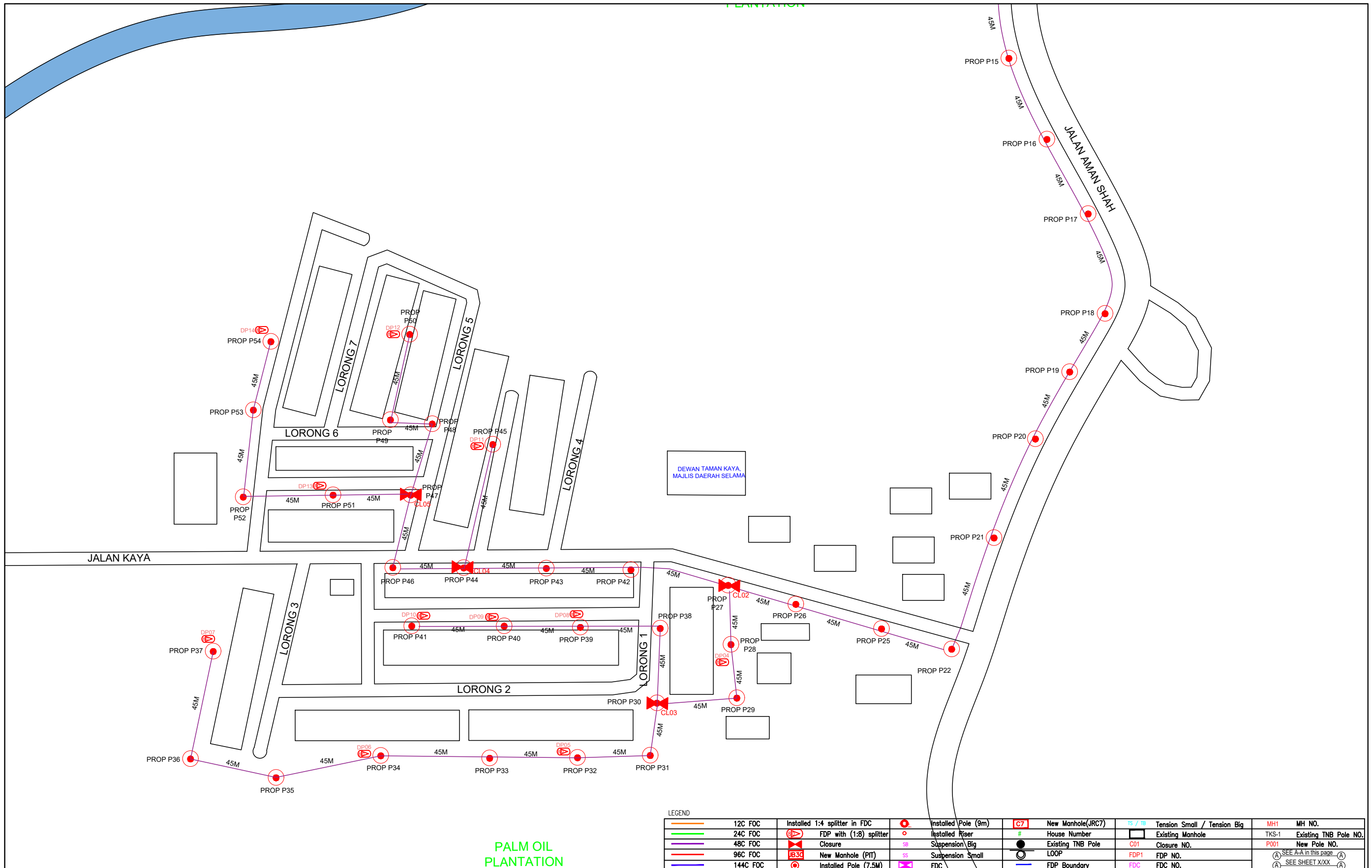
6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Selama	1965m



LEGEND	
	12C FOC
	24C FOC
	48C FOC
	96C FOC
	144C FOC
	Installed Pole (9m)
	Installed Pole (7.5M)
	Installed Pole (1.8) splitter
	Installed Pole (1:8) splitter
	Closure
	New Manhole (Pit)
	Installed Pole (JRC7)
	House Number
	Existing TNB Pole
	LOOP
	FDP Boundary
	Installed Riser
	Suspension Big
	Suspension Small
	FDC
	Tension Small / Tension Big
	Existing Manhole
	Closure NO.
	FDP1 FDP NO.
	FDC FDC NO.
	MH1 MH NO.
	TKS-1 Existing TNB Pole NO.
	P001 New Pole NO.
	(A) SEE A-A in this page (A)
	(A) SEE SHEET XXXX (A)

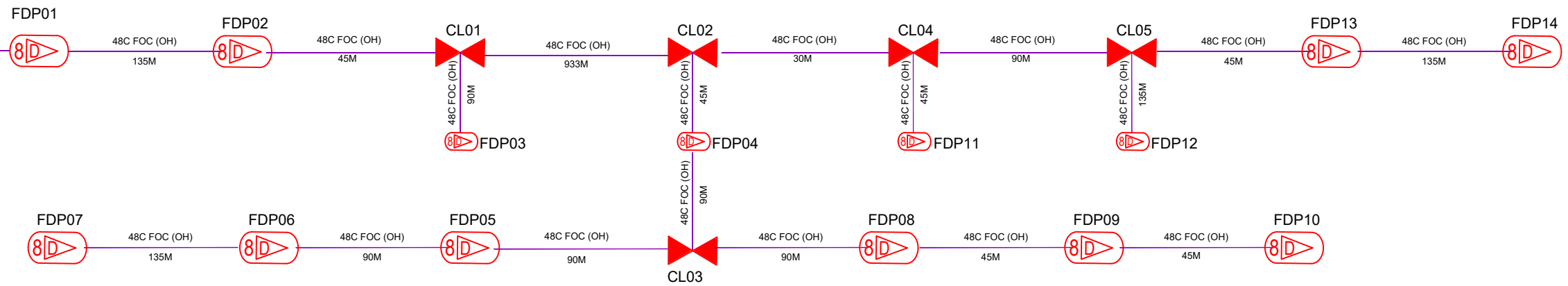
KEY PLAN :	PROJECT OWNER : 	MAIN CONTRACTOR : PRIVASAT	SUB-CONTRACTOR : ARCHWAY MAPPING SERVICES SDN BHD No 48 Jalan TU 39A, Taman Tasik Utama, 75450 Ayer Keroh, Melaka Tel: 606-233 9165 Fax: 606-233 9162 Email : info@archwaymalaysia.com Website : www.archwaymalaysia.com	PROJECT TITLE: PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SJKT SELAMA) TO PREMISES PASS AREA	DRAWING TITLE: SJKT SELAMA	Design By : ENGINEER Date : DATE
					PROJECT PHASE: PROJECT PHASE	Drawn By : CAD ENGINEER Scale : NTS
						Checked By : ENGINEER Job Number : JOB/NUMBER
						DRAWING NUMBER : DRAWING/NUMBER
						THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF ALLO TECHNOLOGY SDN BHD
						Sheet : 2/3 Size : A3



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 (PIT)
	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.
	MH NO.
	Existing TNB Pole NO.
	New Pole NO.
	SEE A-A in this page
	SEE SHEET XXX

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 (SJKT SELAMA) TO PREMISES PASS AREA	DRAWING TITLE: SJKT SELAMA	Design By : ENGINEER	Date : DATE
					PROJECT PHASE: PROJECT PHASE	Drawn By : CAD ENGINEER	Scale : NTS
Checked By : ENGINEER						Job Number : JOB/NUMBER	Sheet : 3/3
DRAWING NUMBER : DRAWING/NUMBER						THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF ALLO TECHNOLOGY SDN BHD	
						Size : A3	

PROPOSED FDC
SJKT SELAMA



LEGEND

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

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 (SJKT SELAMA) TO PREMISES PASS AREA	DRAWING TITLE: D-SIDE - SJKT SELAMA	Design By : ENGINEER Date : DATE Drawn By : CAD ENGINEER Scale : NTS Checked By : ENGINEER Job Number : JOB/NUMBER	DRAWING NUMBER : Sheet : 1/1	THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF ALLO TECHNOLOGY SDN BHD Size : A3
------------	---------------------	--	--	--	--	---	------------------------------------	---