



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 ABBA007 SEKOLAH KEBANGSAAN BEHRANG (D- SIDE))

Company Name : Archway Mapping Services Sdn. Bhd.
Company Address : No 48-1, Jalan TU39A, Ayer Keroh Melaka
Prepared By : Muhammad Adham
Date : 09/10/2025



Starting Point

Site / Boundary Name : BATANG PADANG
 Address : SK BEHRANG
 District : TANJUNG MALIM
 Postcode : 35950
 State : PERAK
 GPS Coordinate : 3.777979, 101.498567
 LRD : A

End Point

Site / Boundary Name : BATANG PADANG
 Address : JALAN KG CHINGGUNG
 District : TANJUNG MALIM
 Postcode : 35950
 State : PERAK
 GPS Coordinate : 3.783499, 101.504209
 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	0
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	0
4	Micro Trenching (MT)	m	0
Total			

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	1438
2	Install New Pole	ea	42
3	Install New JRC7 Manhole	ea	0
4	Install GI Riser 100mm	m	0
5	Install Fiber Distribution Point	ea	13
6	Install Closure	ea	4
7	Estimated Time Required for Completion	days	21

2.0 LOCAL AUTHORITY SUMMARY

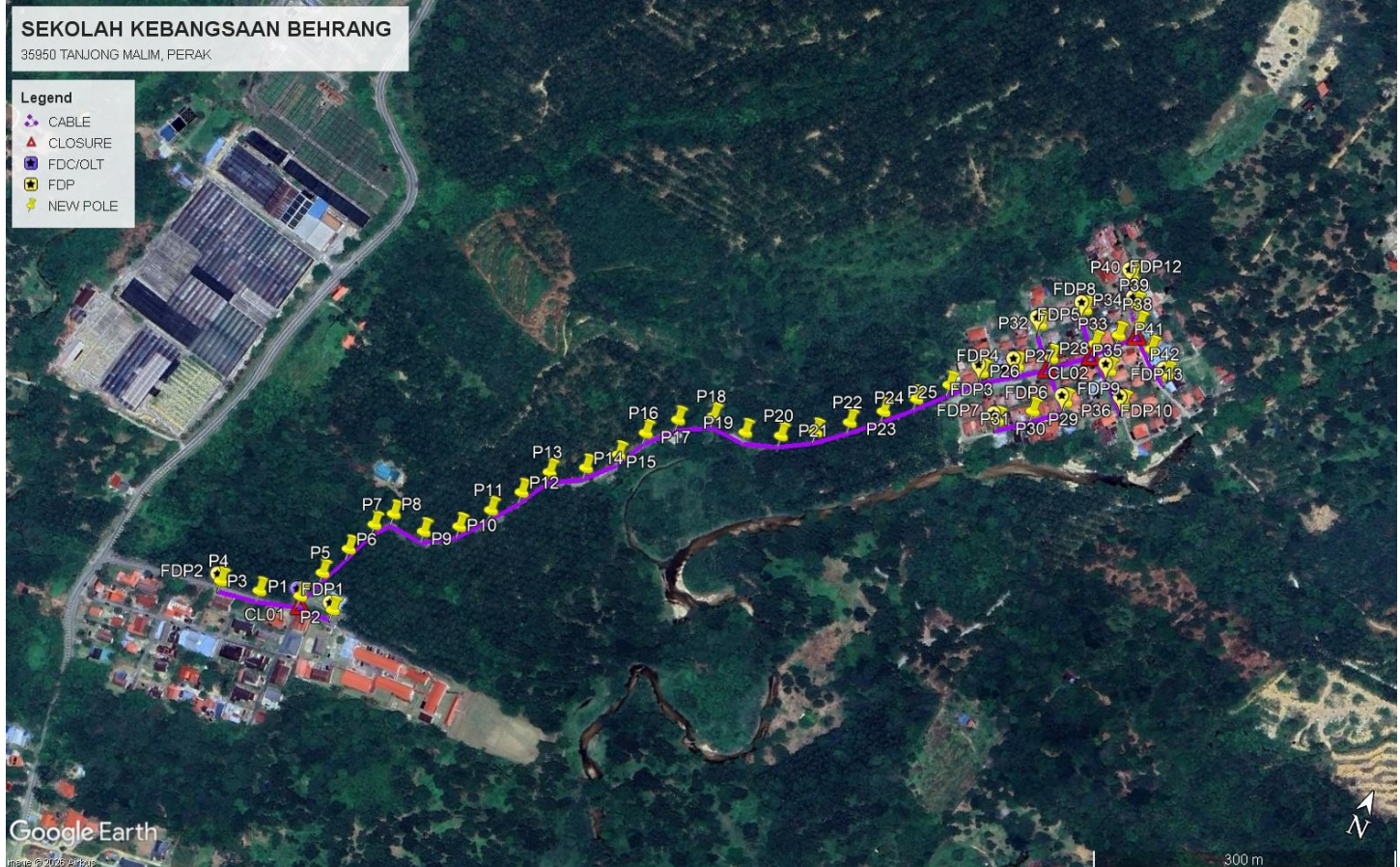
Daerah BATANG PADANG

Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	-	-
		Majlis	42	1438m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				1438m

3.0 SITE PLAN (KMZ)

3.1 Overview Site Area

5.017300



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	3.777979	101.498567	PDT Road
2	T002	35	3.777974	101.498552	PDT Road
3	T003	35	3.777754	101.498561	PDT Road
4	T004	35	3.777551	101.498581	PDT Road
5	T005	35	3.777243	101.498592	PDT Road
6	T006	35	3.777508	101.498267	PDT Road
7	T007	35	3.777474	101.497960	PDT Road
8	T008	35	3.777425	101.497646	PDT Road
9	T009	35	3.777380	101.497333	PDT Road
10	T010	35	3.777333	101.497027	PDT Road
11	T011	35	3.778251	101.498658	PDT Road
12	T012	35	3.778543	101.498778	PDT Road
13	T013	35	3.778837	101.498893	PDT Road
14	T014	35	3.778997	101.499008	PDT Road
15	T015	35	3.778968	101.499318	PDT Road
16	T016	35	3.779144	101.499585	PDT Road
17	T017	35	3.779396	101.499779	PDT Road
18	T018	35	3.779656	101.499958	PDT Road
19	T019	35	3.779924	101.500108	PDT Road
20	T020	35	3.780098	101.500385	PDT Road
21	T021	35	3.780327	101.500598	PDT Road
22	T022	35	3.780605	101.500735	PDT Road
23	T023	35	3.780835	101.500946	PDT Road
24	T024	35	3.780997	101.501220	PDT Road
25	T025	35	3.780988	101.501536	PDT Road
26	T026	35	3.781096	101.501836	PDT Road
27	T027	35	3.781259	101.502102	PDT Road
28	T028	35	3.781466	101.502342	PDT Road
29	T029	35	3.781682	101.502573	PDT Road
30	T030	35	3.781908	101.502790	PDT Road
31	T031	35	3.782146	101.503004	PDT Road
32	T032	35	3.782371	101.503218	PDT Road
33	T033	35	3.782559	101.503478	PDT Road
34	T034	35	3.782750	101.503726	PDT Road
35	T035	35	3.782980	101.503507	PDT Road
36	T036	35	3.782505	101.503944	PDT Road
37	T037	35	3.782300	101.503717	PDT Road
38	T038	35	3.782112	101.503479	PDT Road
39	T039	35	3.783029	101.504023	PDT Road



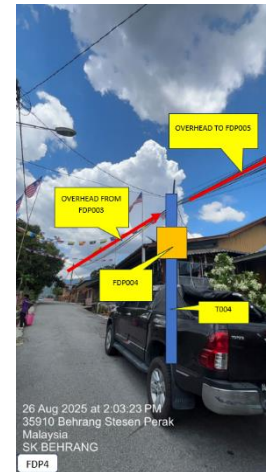
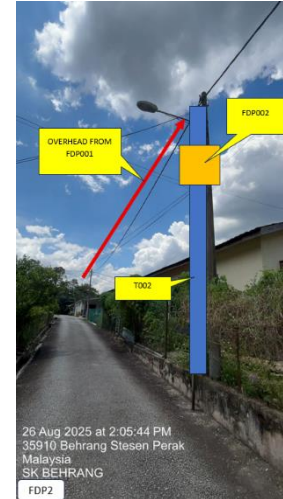
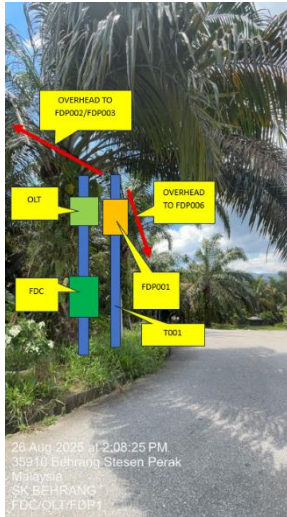
PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN
SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI
SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA
(KKMM.400-11/17/132(1))

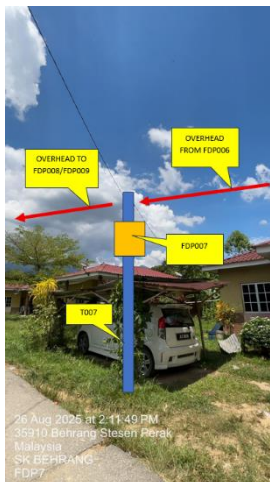
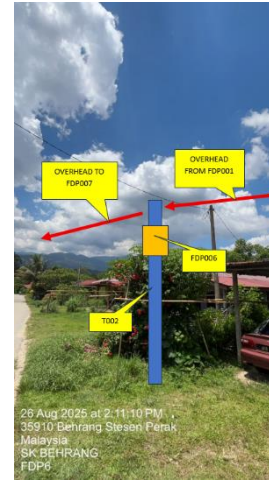
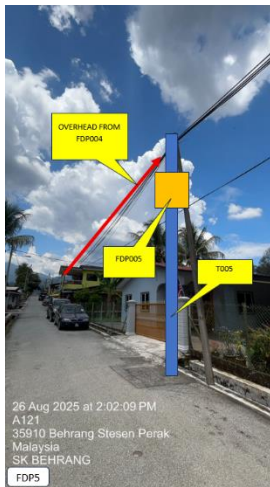


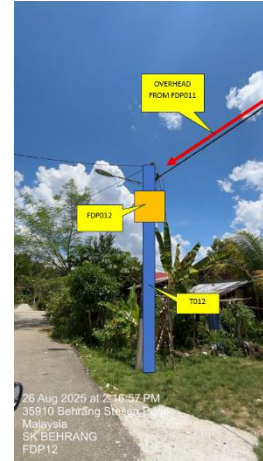
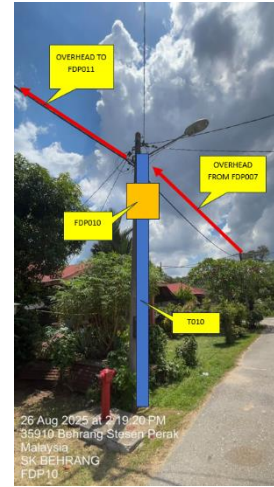
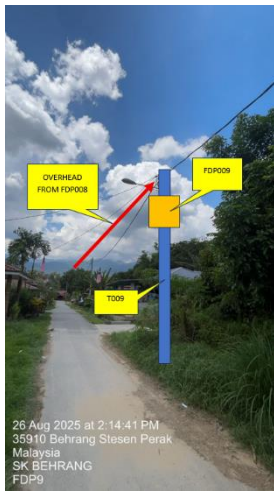
40	T040	35	3.782870	101.504242	PDT Road
41	T041	35	3.782657	101.504477	PDT Road
42	T042	35	3.783269	101.503812	PDT Road

BIL	TYPE	7.5m	9m	TOTAL
1	No of Pole	41	1	42

5.0 SITE PHOTOS - PROPOSED NEW POLE

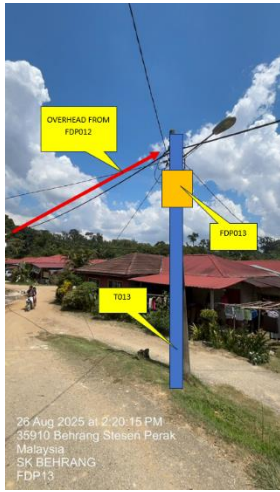








PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN
SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI
SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA
(KKMM.400-11/17/132(1))





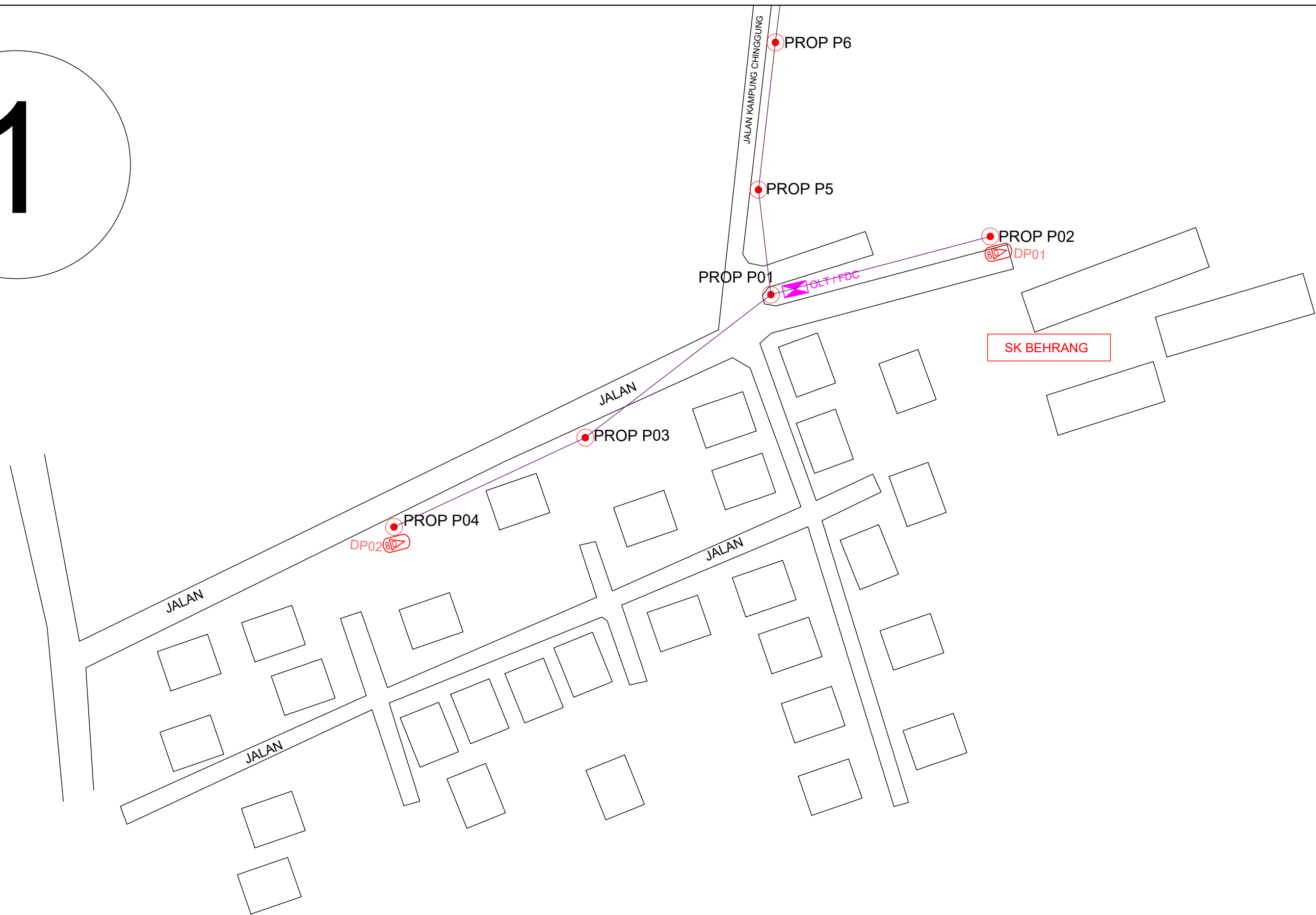
PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN
SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI
SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA
(KKMM.400-11/17/132(1))



6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Batang Padang	1438m

1



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		Closure		Existing TNB Pole		Closure NO.		New Pole NO.
	96C FOC		New Manhole (PIT)		LOOP		FDP NO.		FDC NO.
	144C FOC		Installed Pole (7.5M)		FDC		FDC NO.		FDC NO.

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

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 BEHRANG) TO PREMISES PASS AREA

DRAWING TITLE:

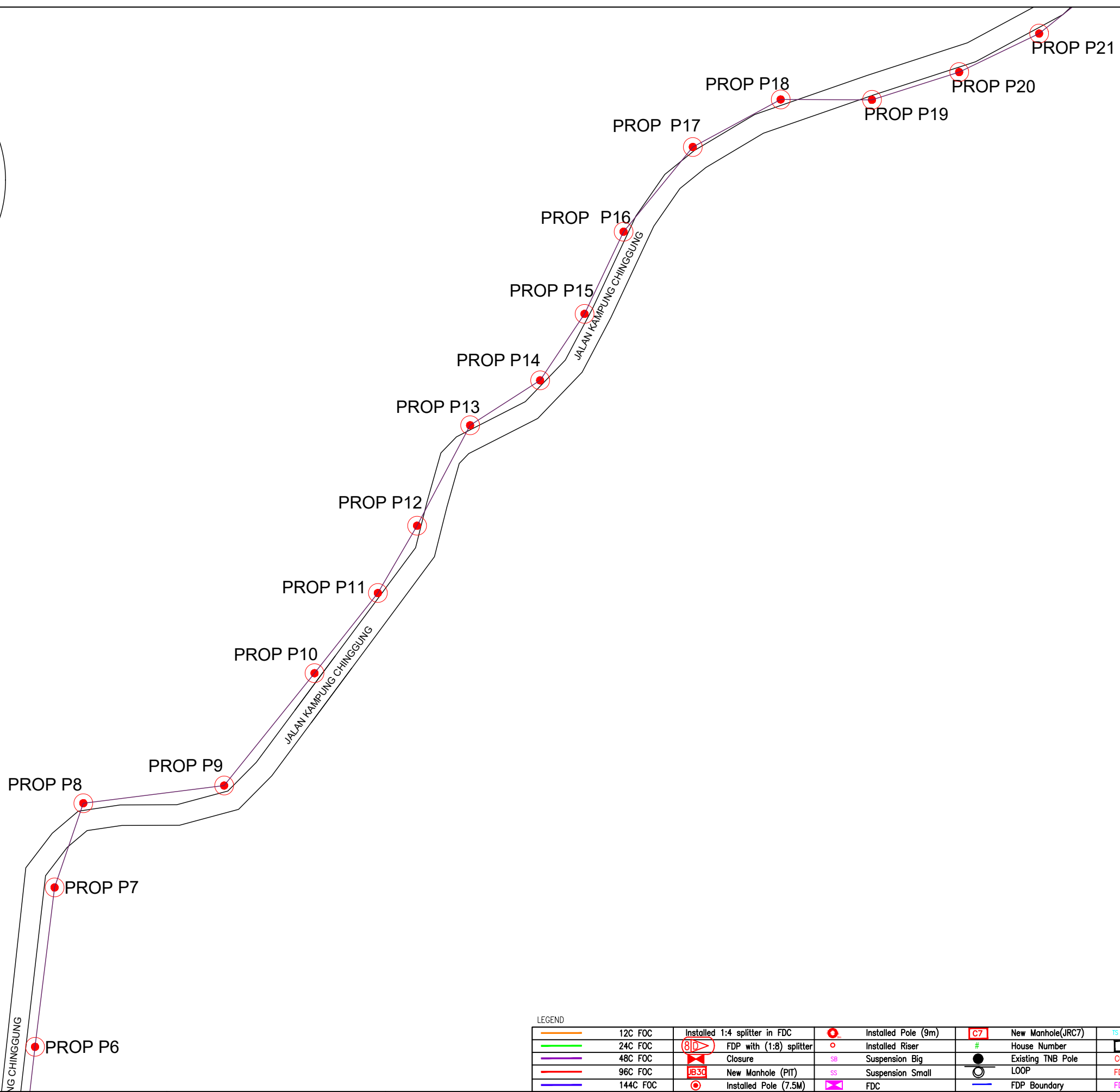
SK BEHRANG

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	
THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF ALLO TECHNOLOGY SDN BHD	
Sheet : 1/1	Size : A1

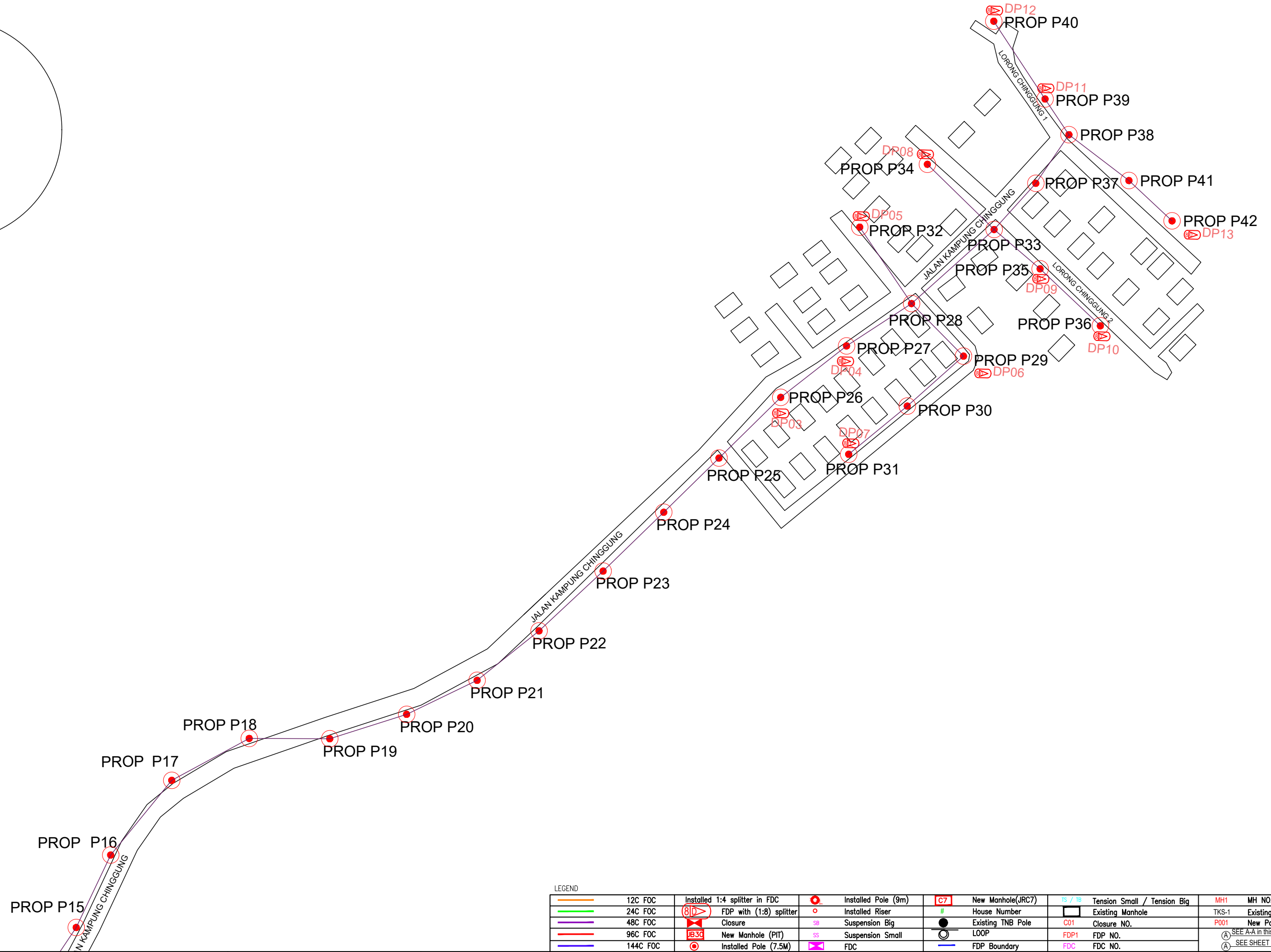
2



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 Closure		Suspension Big		Existing TNB Pole		Closure NO.
	96C FOC		New Manhole (PIT)		Suspension Small		LOOP		FDP NO.
	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 	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 BEHRANG) TO PREMISES PASS AREA	DRAWING TITLE: SK BEHRANG PROJECT PHASE: PROJECT PHASE	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Design By : ENGINEER</td> <td>Date : DATE</td> </tr> <tr> <td>Drawn By : CAD ENGINEER</td> <td>Scale : NTS</td> </tr> <tr> <td>Checked By : ENGINEER</td> <td>Job Number : JOB/NUMBER</td> </tr> <tr> <td colspan="2">DRAWING NUMBER : DRAWING/NUMBER</td> </tr> <tr> <td colspan="2">THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF ALLO TECHNOLOGY SDN BHD</td> </tr> <tr> <td>Sheet : 1/1</td> <td>Size : A1</td> </tr> </table>	Design By : ENGINEER	Date : DATE	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 : 1/1	Size : A1
Design By : ENGINEER	Date : DATE																	
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 : 1/1	Size : A1																	

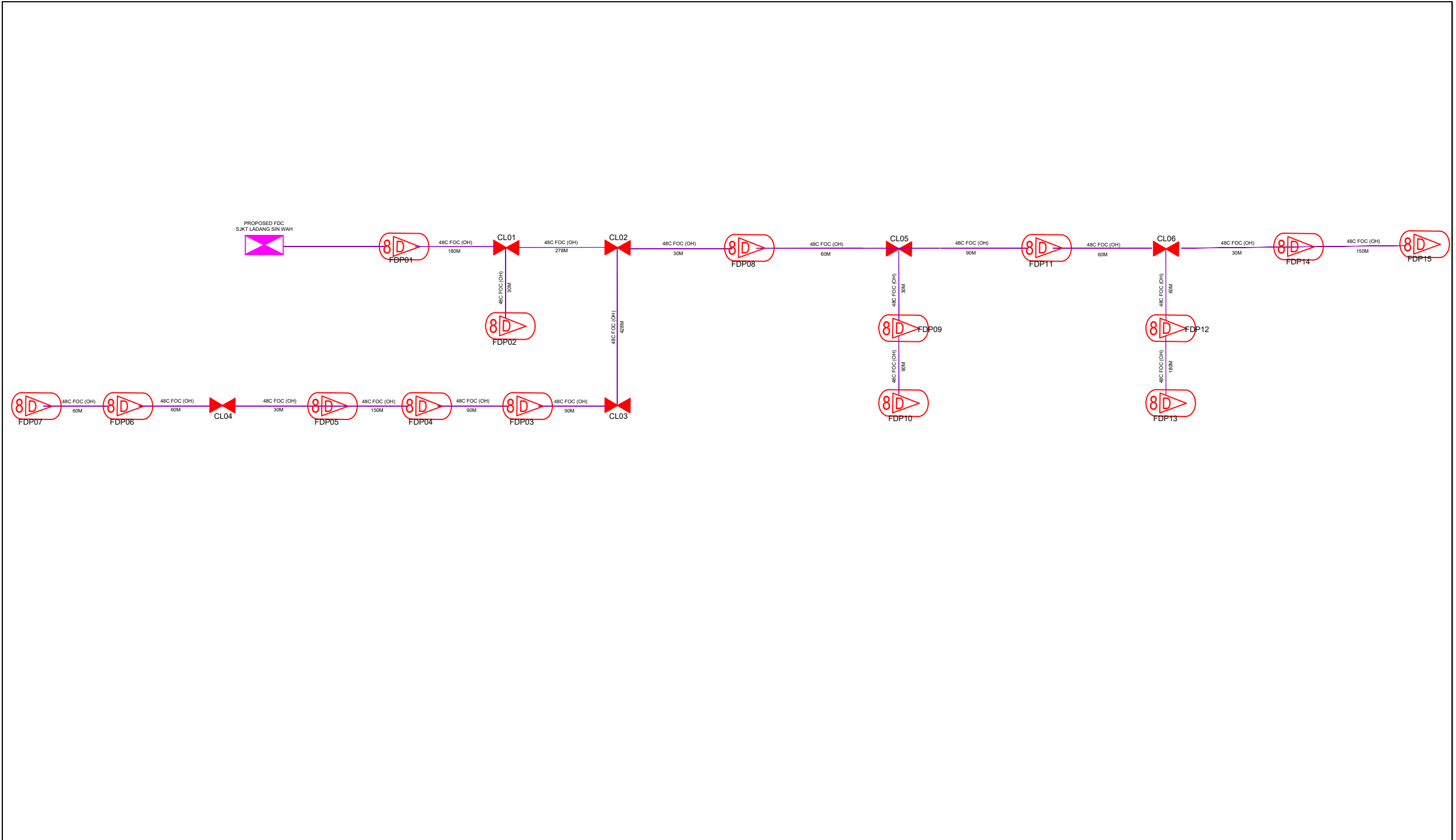
3



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

KEY PLAN :	PROJECT OWNER :	MAIN CONTRACTOR :	SUB-CONTRACTOR :	PROJECT TITLE:	DRAWING TITLE:	Design By : ENGINEER	Date : DATE
				PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK BEHRANG) TO PREMISES PASS AREA	SK BEHRANG	Drawn By : CAD ENGINEER	Scale : NTS
					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 : A1



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	8D	House Number	TKS-1	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.	SEE A/A in this page	
144C FOC	installed Pole (7.5M)	FDC	FD	FDP Boundary	FOC	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:

PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SJKT LADANG SIN WAH) TO PREMISES PASS AREA

DRAWING TITLE:

D-SIDE - SJKT LADANG SIN WAH

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	