



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 ABCA002SEKOLAH JENIS KEBANGSAAN (C) PHIN MIN (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 : SJKC PHIN MIN
District : BEHRANG
Postcode : 35950
State : PERAK
GPS Coordinate : 3.743489, 101.448566
LRD : A

End Point

Site / Boundary Name : BATANG PADANG
Address : JALAN BLACKSMITH
District : BEHRANG
Postcode : 35950
State : PERAK
GPS Coordinate : 3.742352, 101.450405
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			

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	1010
2	Install New Pole	ea	29
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	3
7	Estimated Time Required for Completion	days	21



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2.0 LOCAL AUTHORITY SUMMARY

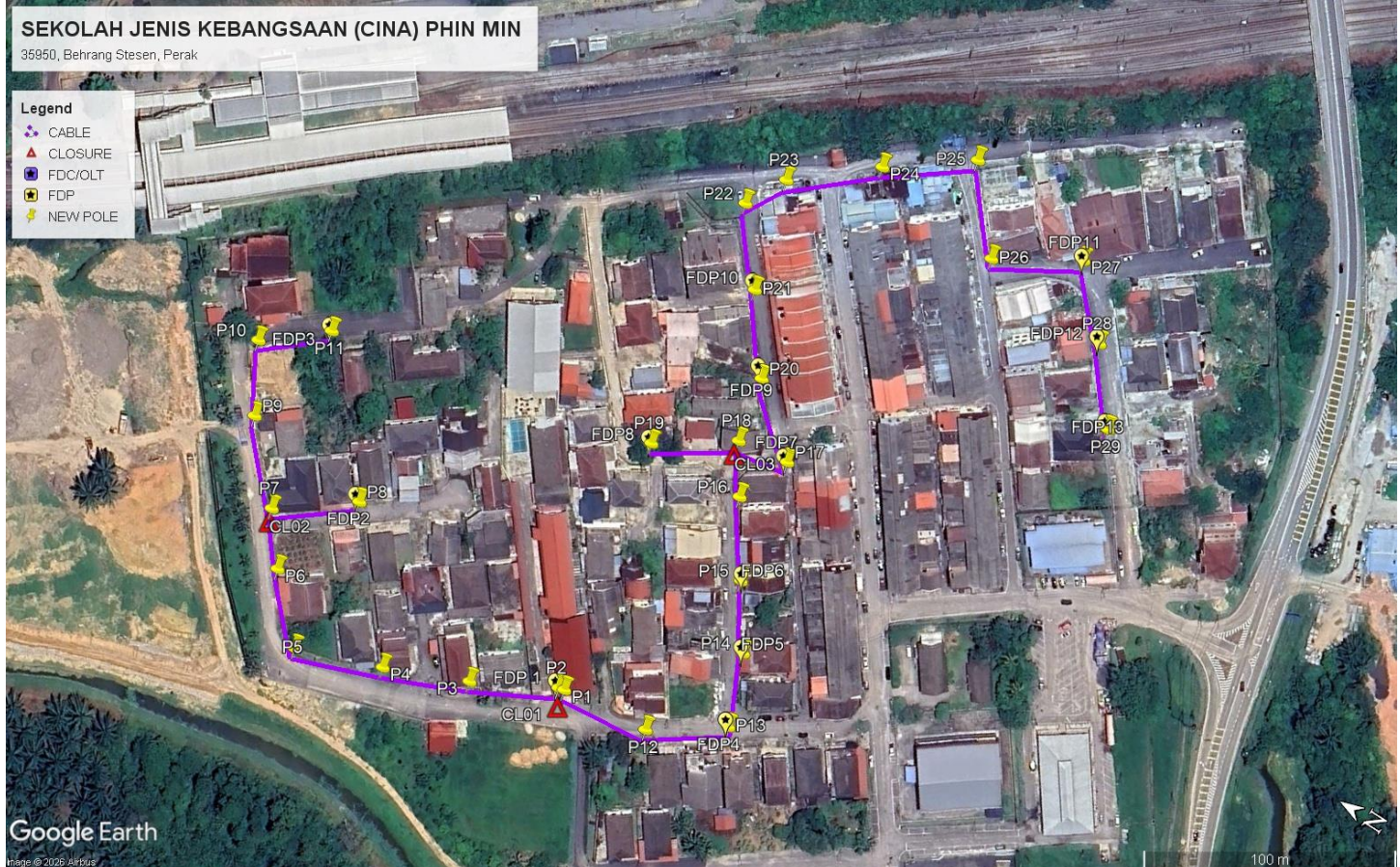
Daerah BATANG PADANG

Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	-	-
		Majlis	29	1010m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				1010m

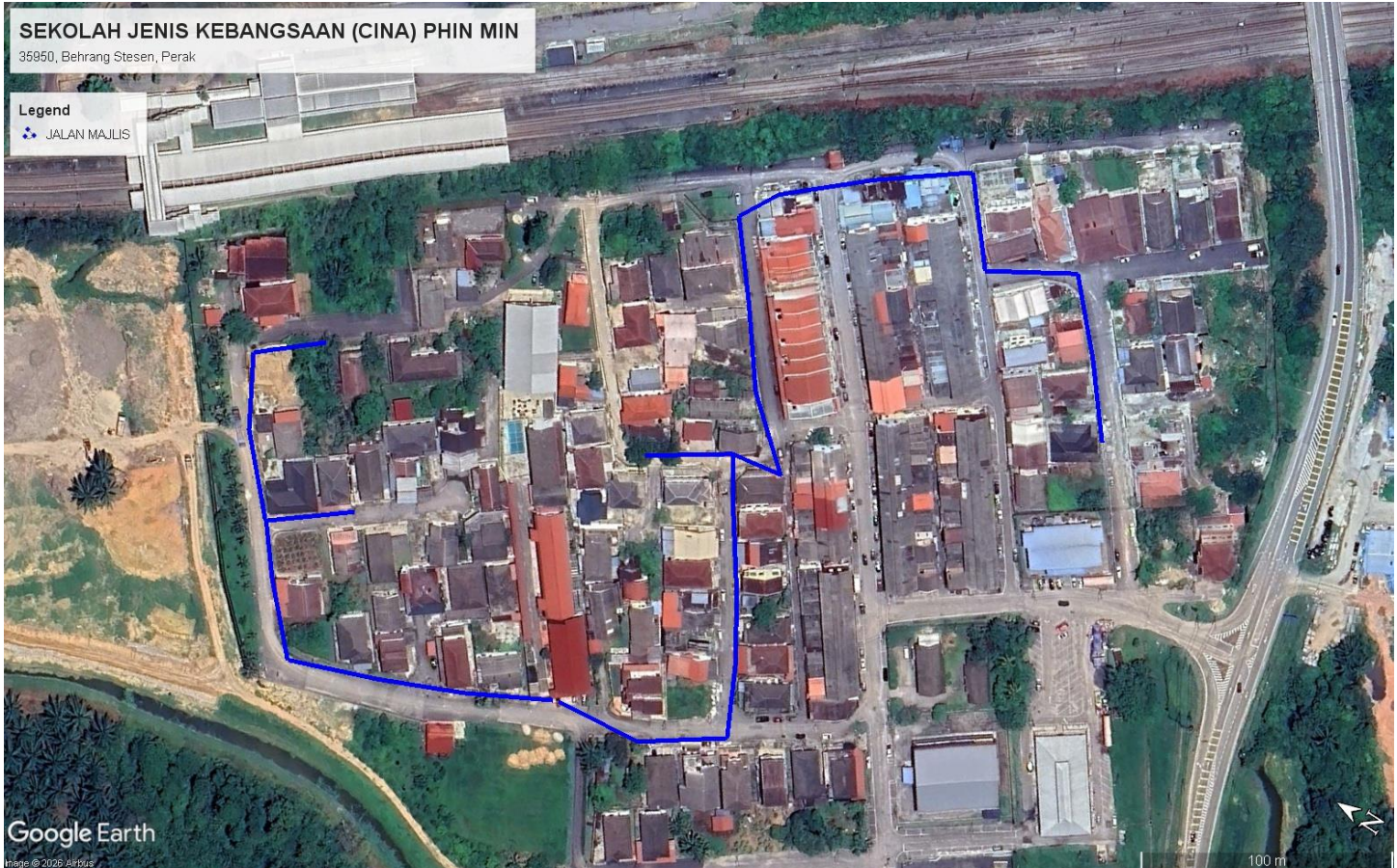
3.0 SITE PLAN (KMZ)

3.1 Overview Site Area

5.017300



3.2 Site Plan - KMZ Routing (All Local Authority)



Red Colour – JKR Road

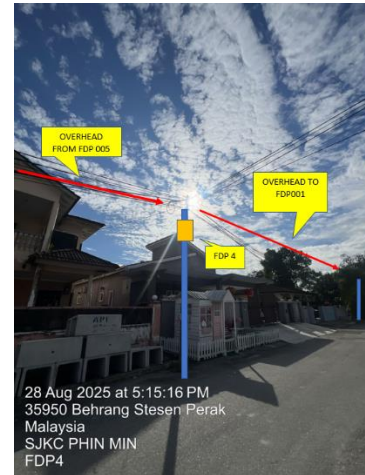
Blue Colour - Majlis Road

4.0 PROPOSED NEW POLE FDP

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	0	3.743489	101.448566	Majlis Road
2	T002	35	3.743510	101.448561	Majlis Road
3	T003	35	3.743791	101.448409	Majlis Road
4	T004	35	3.744080	101.448284	Majlis Road
5	T005	35	3.744383	101.448171	Majlis Road
6	T006	35	3.744587	101.448379	Majlis Road
7	T007	35	3.744722	101.448550	Majlis Road
8	T008	35	3.744470	101.448739	Majlis Road
9	T009	35	3.744952	101.448797	Majlis Road
10	T010	35	3.745086	101.449033	Majlis Road
11	T011	35	3.744883	101.449203	Majlis Road
12	T012	35	3.743168	101.448603	Majlis Road
13	T013	35	3.742923	101.448772	Majlis Road
14	T014	35	3.742681	101.448931	Majlis Road
15	T015	35	3.742879	101.449177	Majlis Road
16	T016	35	3.743080	101.449439	Majlis Road
17	T017	35	3.743256	101.449686	Majlis Road
18	T018	35	3.743443	101.449657	Majlis Road
19	T019	35	3.743702	101.449481	Majlis Road
20	T020	35	3.743494	101.449889	Majlis Road
21	T021	35	3.743686	101.450144	Majlis Road
22	T022	35	3.743881	101.450388	Majlis Road
23	T023	35	3.743803	101.450537	Majlis Road
24	T024	35	3.743538	101.450762	Majlis Road
25	T025	35	3.743263	101.450968	Majlis Road
26	T026	35	3.743032	101.450695	Majlis Road
27	T027	35	3.742751	101.450868	Majlis Road
28	T028	35	3.742542	101.450647	Majlis Road
29	I029	35	3.742352	101.450405	Majlis Road

BIL	TYPE	7.5m	9m	TOTAL
1	No of Pole	28	1	29

5.0 SITE PHOTOS - PROPOSED NEW POLE









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6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Batang Padang	1010m



	12C FOC		Installed 1:4 splitter in FDC		Installed Pole (9m)		New Manhole(JRCT)		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.		SEE A-A in this page
	144C FOC		Installed Pole (7.5M)		FDC		FDP Boundary		FDC FDC NO.		SEE SHEET XXX


KEY PLAN :

PROJECT OWNER :

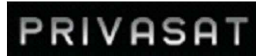


KEMENTERIAN KOMUNIKASI DAN DIGITAL

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

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 (SJKT LADANG SIN WAH) TO PREMISES PASS AREA

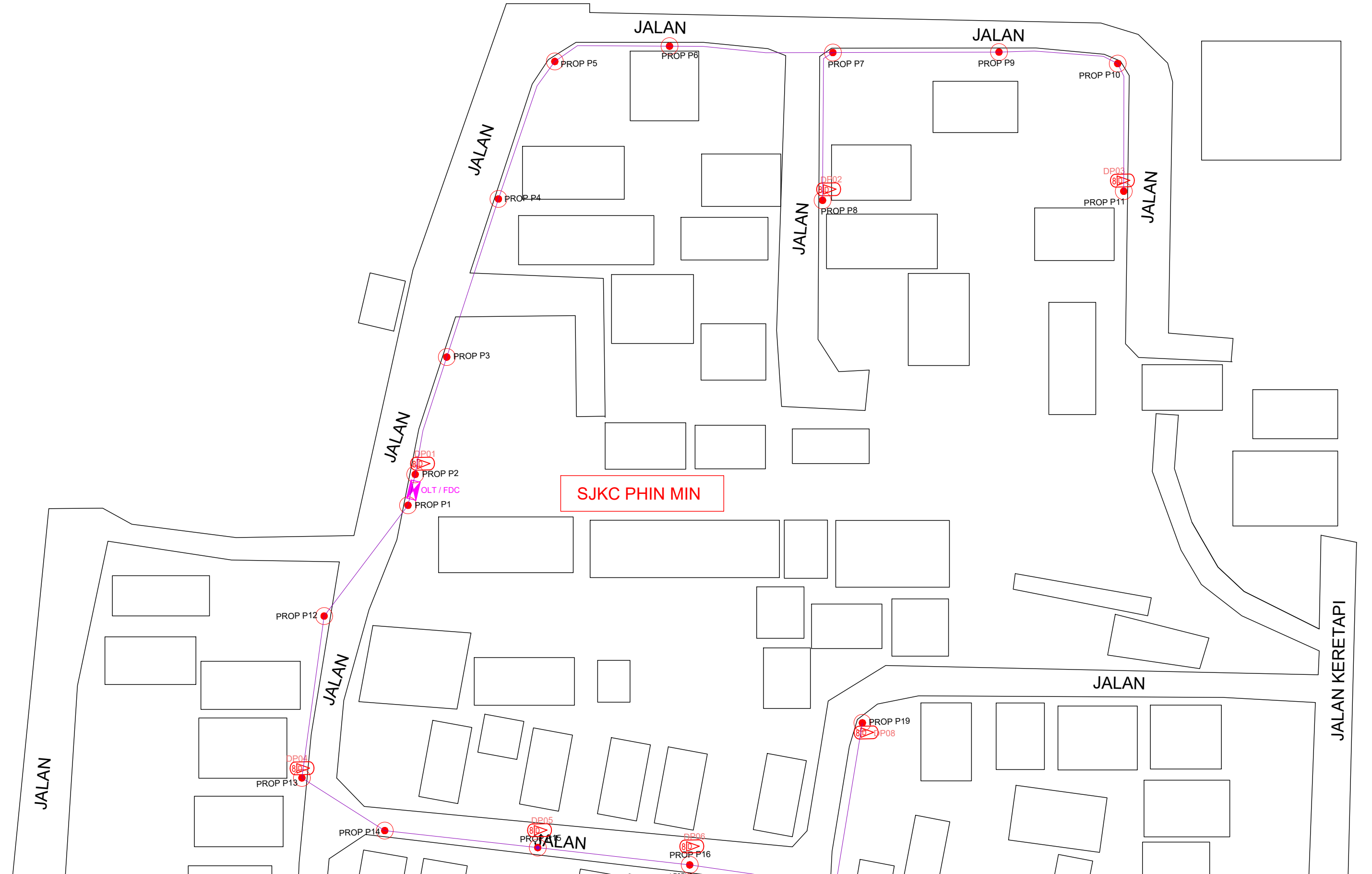
DRAWING TITLE:

SJKC PHIN MIN

PROJECT PHASE:

PROJECT PHASE

Design By : ENGINEER	Date : DATE
Drawn By : CAD ENGINEER	Scale : NTS
Checked By : ENGINEER	Job Number : JOB/NUMBER
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SJKC PHIN MIN

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


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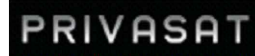


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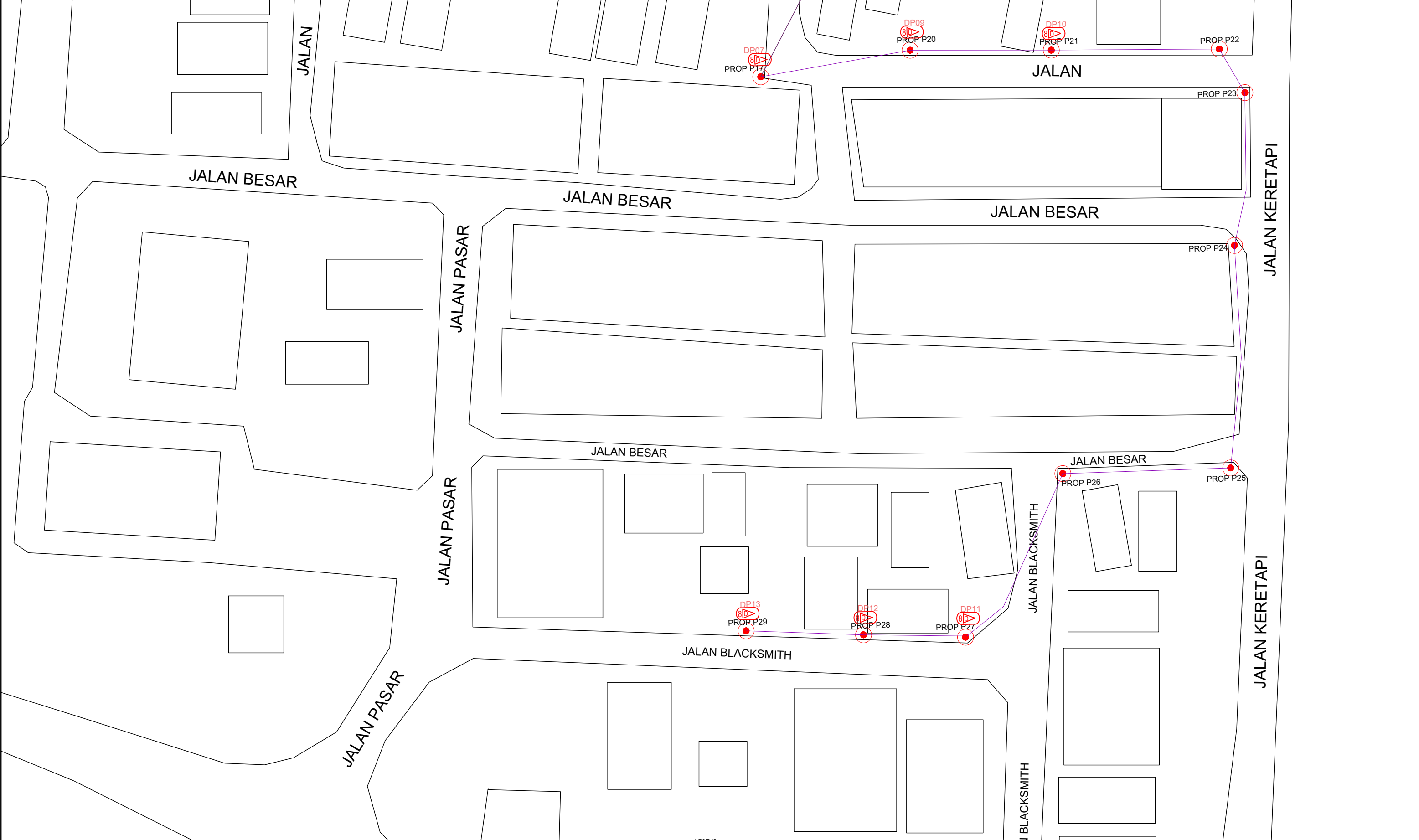
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LEGEND	
	12C FOC
	24C FOC
	48C FOC
	96C FOC
	144C FOC
	Installed 1:4 splitter in FDC
	FDP with (1:8) splitter
	Closure
	New Manhole (PIT)
	Installed Pole (7.5M)
	Installed Pole (9m)
	Installed Riser
	Suspension Big
	Suspension Small
	FDC
	New Manhole(JRC7)
	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

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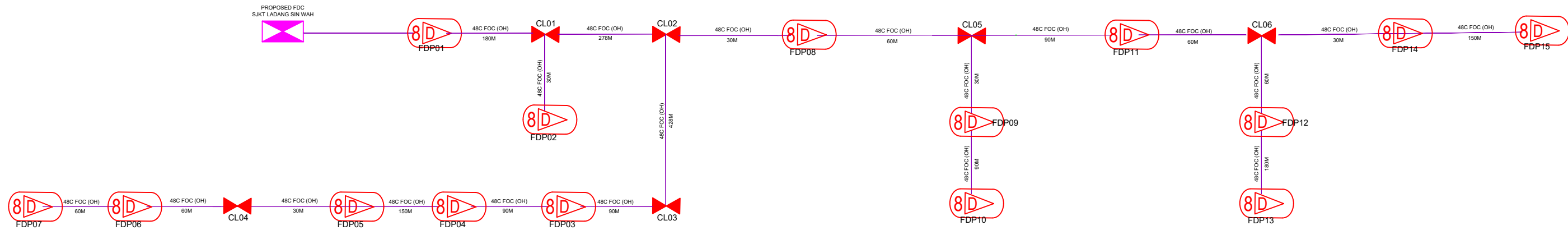
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LEGEND											
	12C FOC		Installed 1:4 splitter in FDC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big		MH NO.
	24C FOC		FDP with (1:8) splitter		Installed Riser		House Number		Existing Manhole		Existing TNB Pole NO.
	48C FOC		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

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DRAWING TITLE:
D-SIDE - SJKT LADANG SIN WAH

PROJECT PHASE:
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