

TECHNICAL PROPOSAL (POP2 AEA6158 SEKOLAH MODEL KHAS REDANG PANJANG (D-SIDE))

Company Name : Archway Mapping Services Sdn. Bhd.
Company Address : No 48-1, Jalan TU39A, Ayer Keroh Melaka
Prepared By : Muhammad Adham
Date : 18/12/2024



Starting Point

Site / Boundary Name : BATU KURAU
 Address : SMK REDANG PANJANG
 District : SELAMA
 Postcode : 34510
 State : PERAK
 GPS Coordinate : 5.113887, 100.772619
 LRD : A

End Point

Site / Boundary Name : BATU KURAU
 Address : A5, PERAK
 District : SELAMA
 Postcode : 34510
 State : PERAK
 GPS Coordinate : 5.111320,100.769647
 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
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(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	2208
2	Install New Pole	ea	58
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	5
7	Estimated Time Required for Completion	days	14

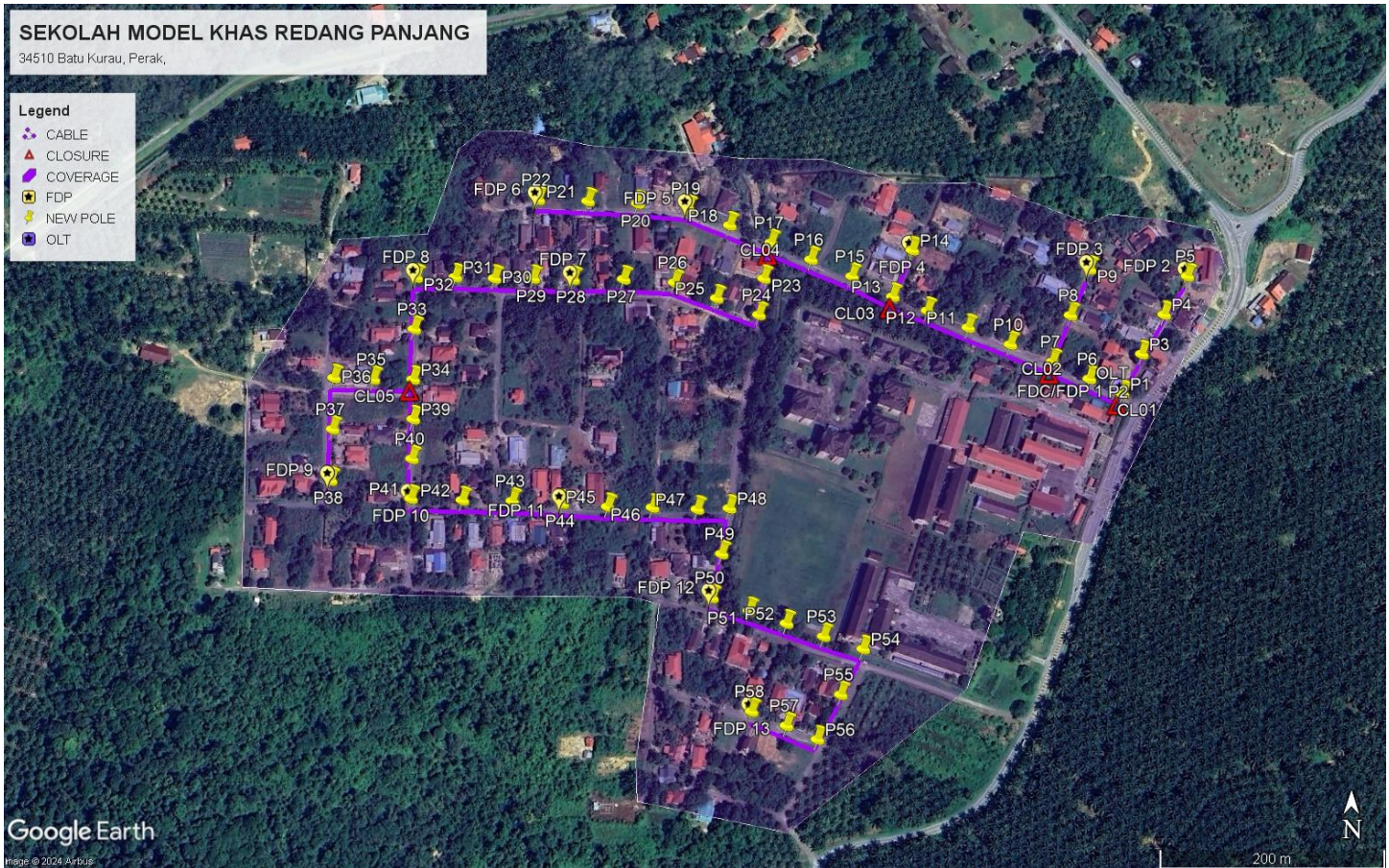
2.0 LOCAL AUTHORITY SUMMARY

Daerah Selama

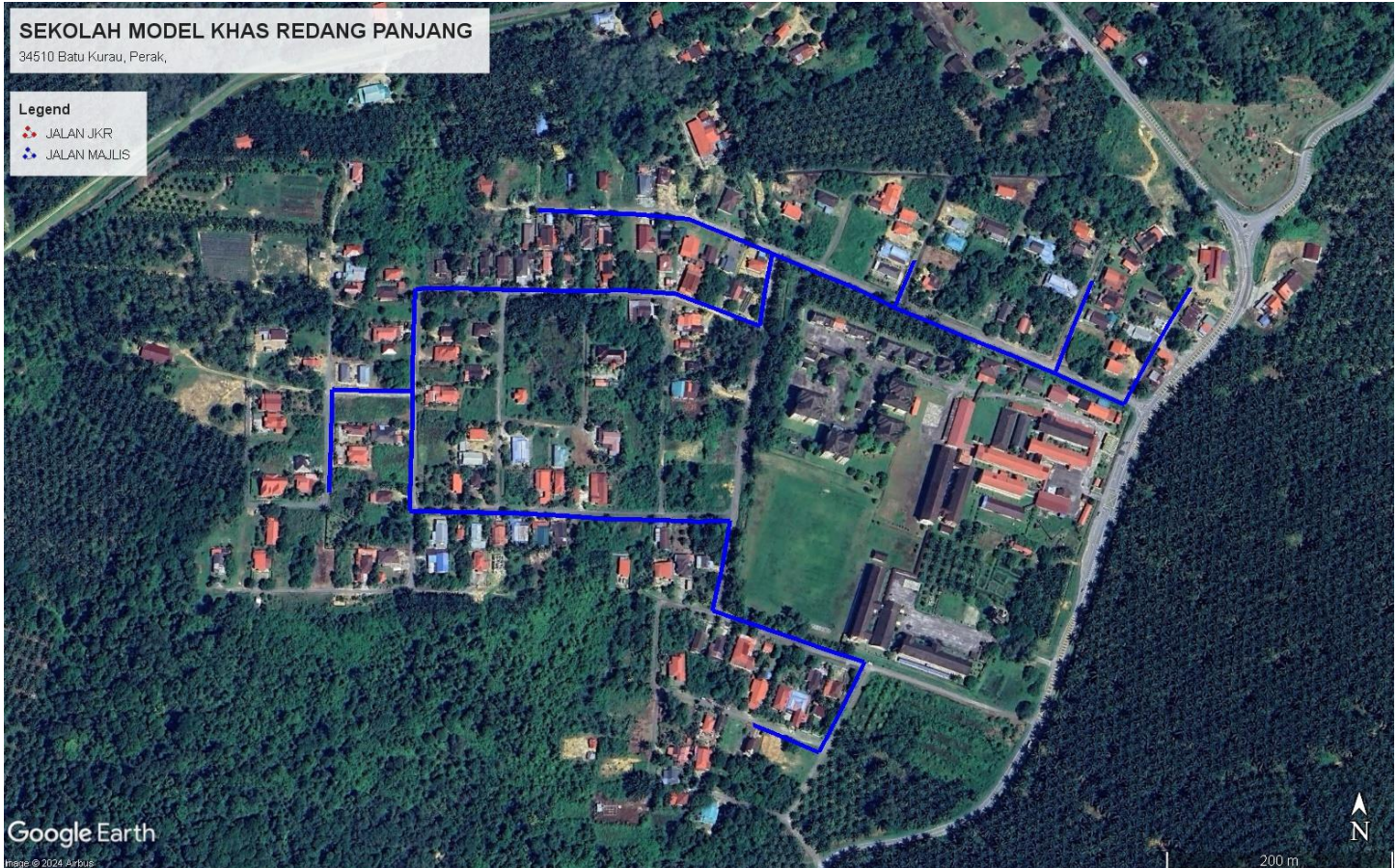
Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	-	-
		Majlis	58	2208m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				2208m

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	5.113887	100.772619	Majlis Daerah Road
2	T002	45	5.113894	100.772603	Majlis Daerah Road
3	T003	45	5.114210	100.772773	Majlis Daerah Road
4	T004	45	5.114530	100.772954	Majlis Daerah Road
5	T005	45	5.114841	100.773143	Majlis Daerah Road
6	T006	45	5.114006	100.772350	Majlis Daerah Road
7	T007	45	5.114141	100.772053	Majlis Daerah Road
8	T008	45	5.114516	100.772197	Majlis Daerah Road
9	T009	45	5.114890	100.772350	Majlis Daerah Road
10	T010	45	5.114276	100.771711	Majlis Daerah Road
11	T011	45	5.114409	100.771371	Majlis Daerah Road
12	T012	45	5.114542	100.771041	Majlis Daerah Road
13	T013	45	5.114653	100.770759	Majlis Daerah Road
14	T014	45	5.115030	100.770915	Majlis Daerah Road
15	T015	45	5.114814	100.770429	Majlis Daerah Road
16	T016	45	5.114946	100.770096	Majlis Daerah Road
17	T017	45	5.115079	100.769772	Majlis Daerah Road
18	T018	45	5.115216	100.769436	Majlis Daerah Road
19	T019	45	5.115351	100.769097	Majlis Daerah Road
20	T020	45	5.115385	100.768688	Majlis Daerah Road
21	T021	45	5.115400	100.768285	Majlis Daerah Road
22	T022	45	5.115409	100.767881	Majlis Daerah Road
23	T023	45	5.114789	100.769716	Majlis Daerah Road
24	T024	45	5.114495	100.769678	Majlis Daerah Road
25	T025	45	5.114626	100.769336	Majlis Daerah Road
26	T026	45	5.114749	100.768994	Majlis Daerah Road
27	T027	45	5.114772	100.768581	Majlis Daerah Road
28	T028	45	5.114766	100.768173	Majlis Daerah Road
29	T029	45	5.114770	100.767850	Majlis Daerah Road
30	T030	45	5.114768	100.767536	Majlis Daerah Road
31	T031	45	5.114776	100.767219	Majlis Daerah Road
32	T032	45	5.114770	100.766903	Majlis Daerah Road
33	T033	45	5.114352	100.766893	Majlis Daerah Road
34	T034	45	5.113947	100.766891	Majlis Daerah Road
35	T035	45	5.113945	100.766569	Majlis Daerah Road
36	T036	45	5.113953	100.766252	Majlis Daerah Road
37	T037	45	5.113540	100.766247	Majlis Daerah Road
38	T038	45	5.113130	100.766238	Majlis Daerah Road

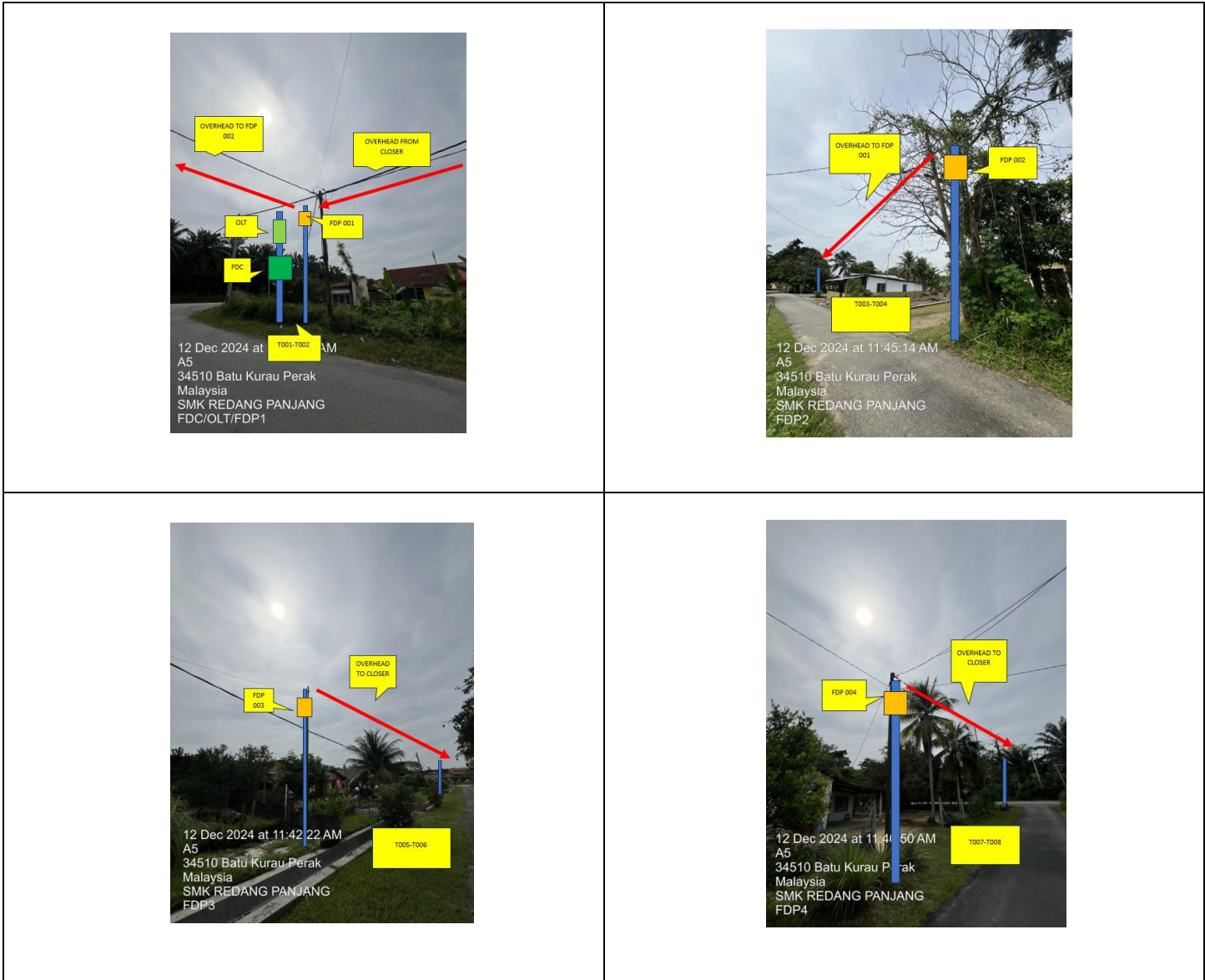


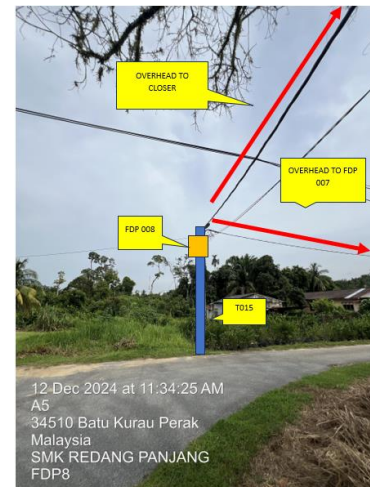
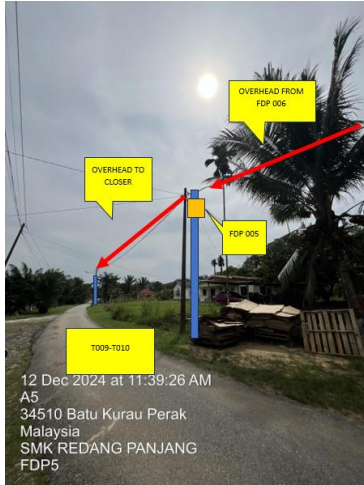
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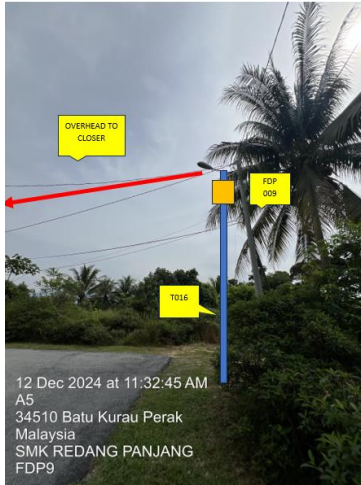


39	T039	45	5.113628	100.766896	Majlis Daerah Road
40	T040	45	5.113310	100.766891	Majlis Daerah Road
41	T041	45	5.112990	100.766889	Majlis Daerah Road
42	T042	45	5.112982	100.767302	Majlis Daerah Road
43	T043	45	5.112979	100.767705	Majlis Daerah Road
44	T044	45	5.112964	100.768108	Majlis Daerah Road
45	T045	45	5.112941	100.768474	Majlis Daerah Road
46	T046	45	5.112938	100.768834	Majlis Daerah Road
47	T047	45	5.112927	100.769196	Majlis Daerah Road
48	T048	45	5.112938	100.769454	Majlis Daerah Road
49	T049	45	5.112573	100.769395	Majlis Daerah Road
50	T050	45	5.112222	100.769319	Majlis Daerah Road
51	T051	45	5.112121	100.769622	Majlis Daerah Road
52	T052	45	5.112023	100.769921	Majlis Daerah Road
53	T053	45	5.111923	100.770220	Majlis Daerah Road
54	T054	45	5.111826	100.770538	Majlis Daerah Road
55	T055	45	5.111461	100.770361	Majlis Daerah Road
56	T056	45	5.11104	100.770176	Majlis Daerah Road
57	T057	45	5.111210	100.769927	Majlis Daerah Road
58	T058	45	5.111320	100.769647	Majlis Daerah Road

5.0 SITE PHOTOS - PROPOSED NEW POLE

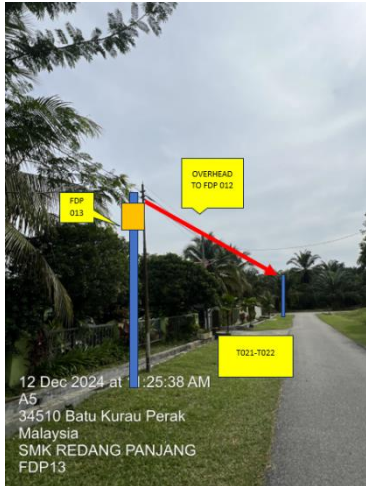








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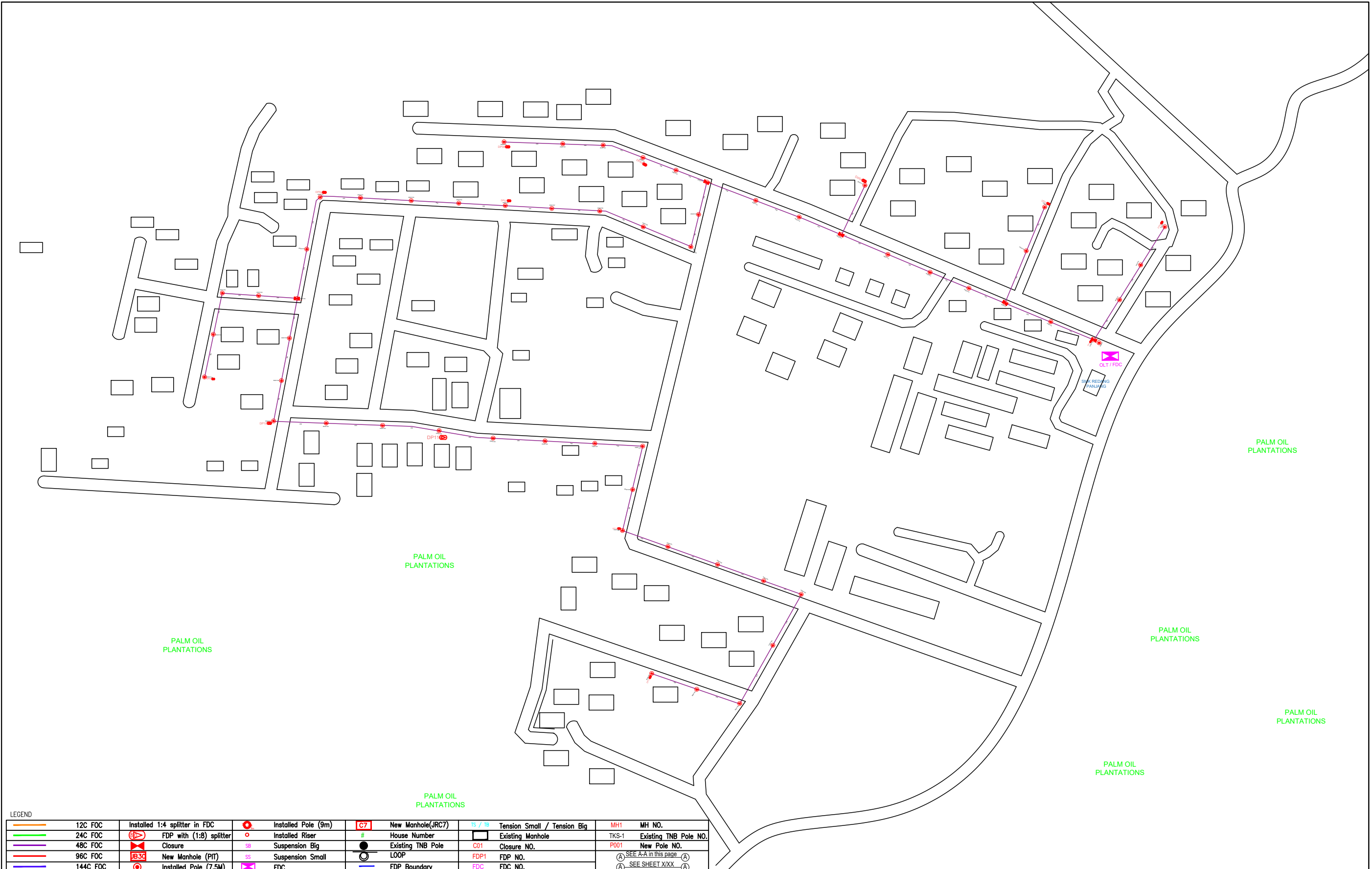


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6.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Selama	2208m



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 :



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 REDANG PANJANG) TO PREMISES PASS AREA

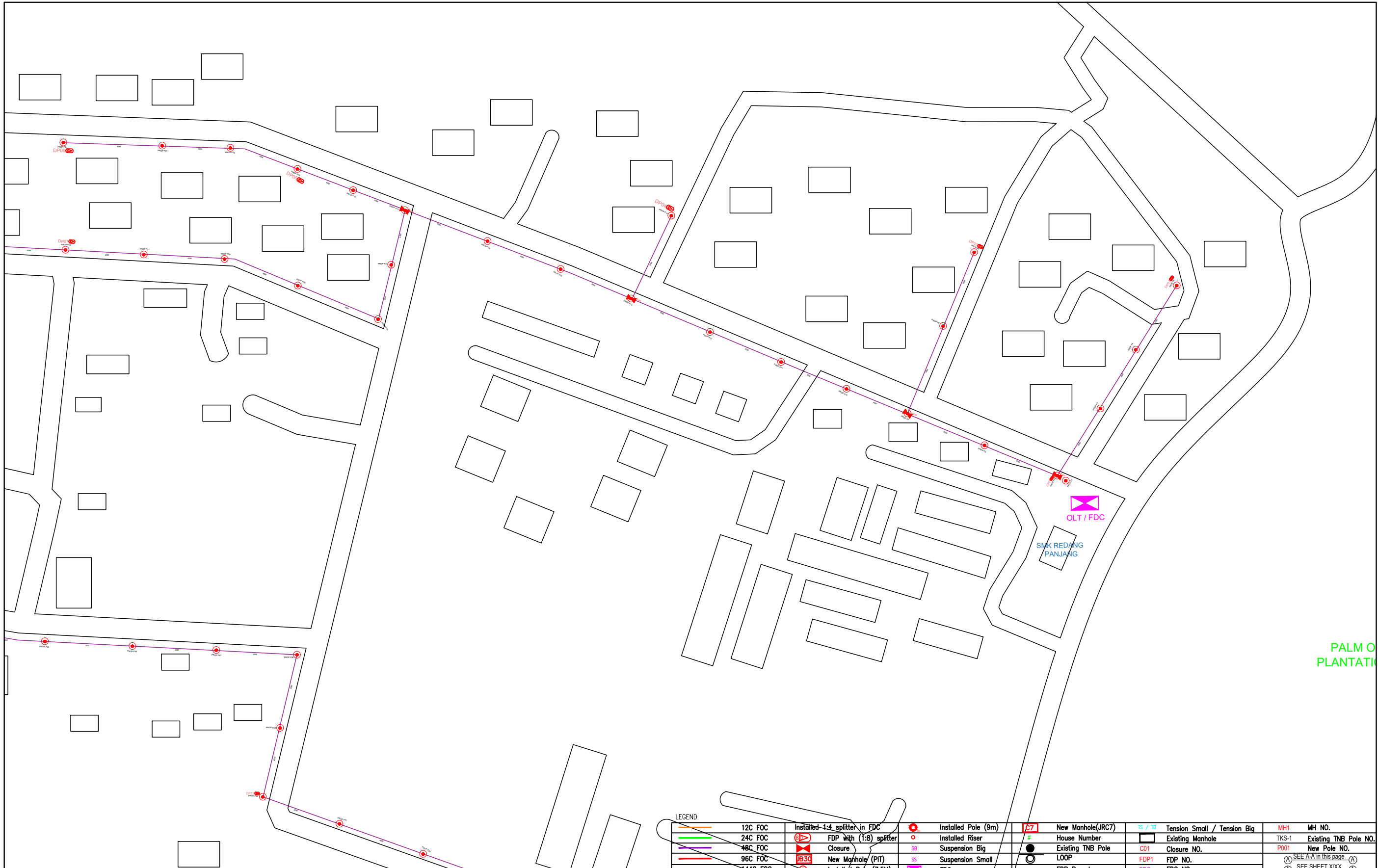
DRAWING TITLE:

SMK REDANG PANJANG

PROJECT PHASE:

PROJECT PHASE

Design By : ENGINEER	Date : DATE
Drawn By : CAD ENGINEER	Scale : NTS
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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		Suspension Big		Existing TNB Pole		Closure NO.
	96C FOC		Closure		Suspension Small		LOOP		FDP NO.
	144C FOC		New Manhole/ (PIT)		FDC		LOOP		FDP NO.
	Installed Pole (7.5M)		Installed Pole (7.5M)		FDC		LOOP		FDP NO.
	Installed Pole (7.5M)		Installed Pole (7.5M)		FDC		LOOP		FDP NO.

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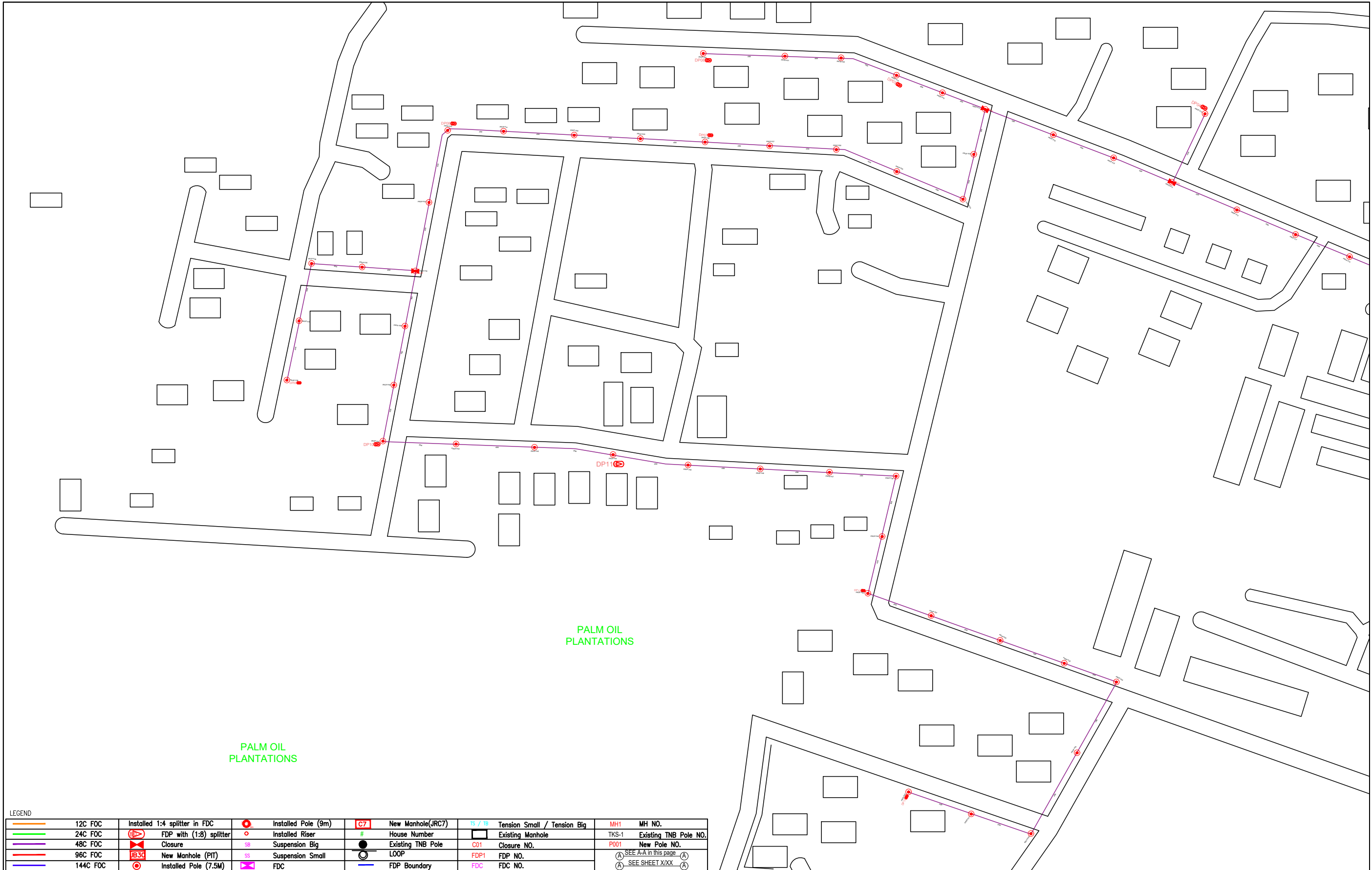
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LEGEND

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

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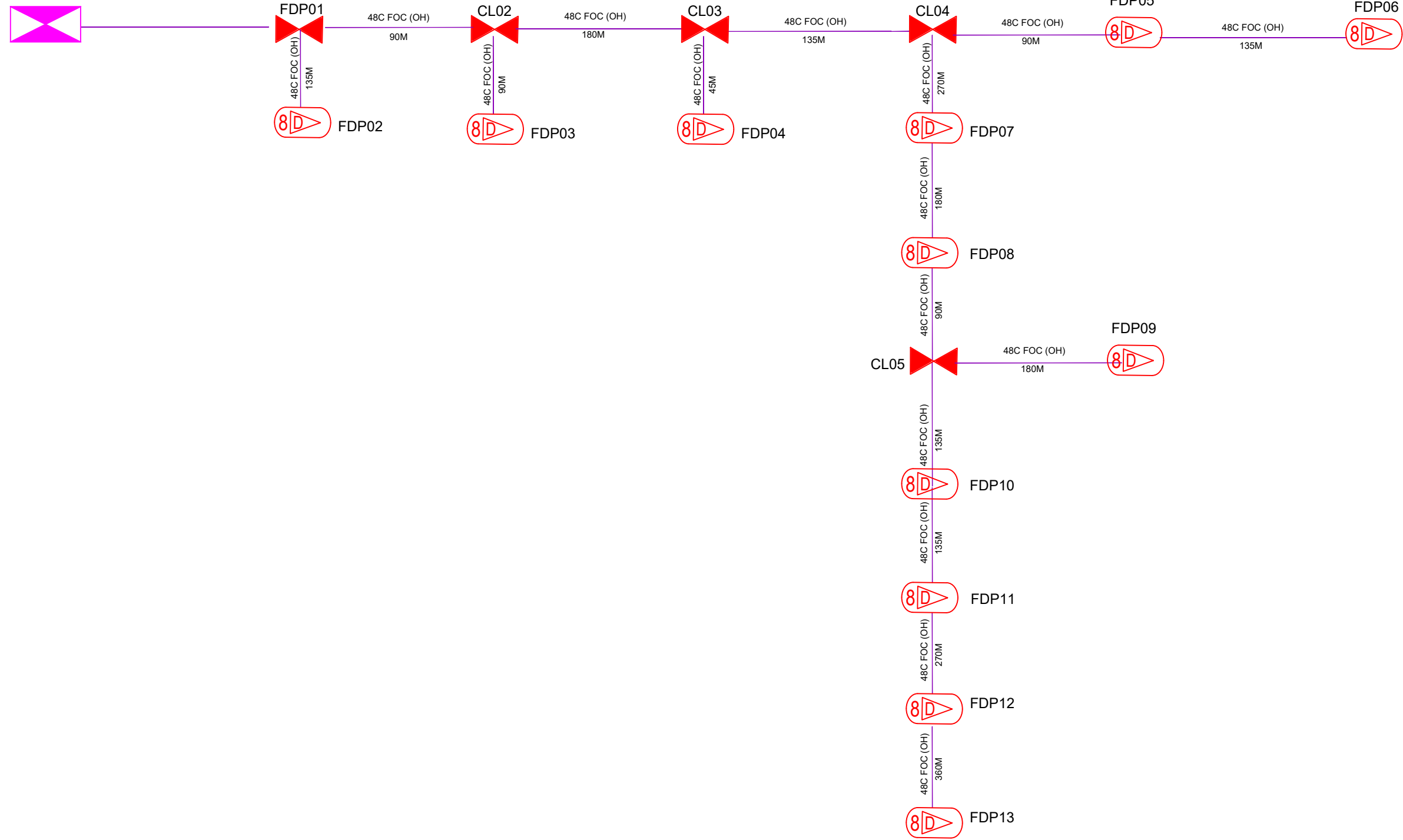
SMK REDANG PANJANG

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PROPOSED FDC
SMK REDANG PANJANG



LEGEND

12C FOC	Installed 1:4 splitter in FDC	Installed Pole (9m)	New Manhole(JRC7)	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)	

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 (SMK REDANG PANJANG) TO PREMISES PASS AREA	DRAWING TITLE: D-SIDE - SMK REDANG PANJANG	Design By : ENGINEER	Date : DATE
						Drawn By : CAD ENGINEER	Scale : NTS
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PROJECT PHASE: PROJECT PHASE						Sheet : 1/1	
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