

SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK  
 INFRASTRUCTURE FOR ALLO TECHNOLOGY SDN BHD POP 2 PROJECT (D-  
 SIDE) - PMU BM FOR ARA 3001 SEKOLAH MENENGAH  
 KEBANGSAAN (A) KERIAN



# TECHNICAL PROPOSAL

## POP 2 ARA3001 SEKOLAH MENENGAH KEBANGSAAN A KERIAN

Company Name : ELIPSON Technologies (M) Sdn Bhd  
 Company Address : NO.47,G , Jln Universiti Bangi 1 Taman university Bangi 43000, Kajang Selangor  
 Prepared By : Ahmat Zamri Bin Mat Ali  
 Date : 8/ogos/2024



### Starting Point

Side / Boundry Name : Smk A Kerian  
 Address : simpang empat  
 Distrlct : perak  
 State : 34400  
 GPS Cordinate : 4°58'06.2"N 100°40'04.0"E  
 LRD : A

Side / Boundry Name : Smk A Kerian  
 Address : simpang empat  
 Distrlct : perak  
 State : 34400  
 GPS Cordinate : 4°58'03.9"N 100°40'06.5"E  
 LRD : A



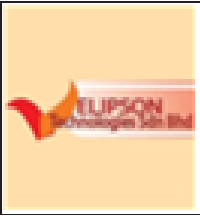
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**1.0 WORK SUMMARY**

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			0

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	2416
2	Install New Pole	ea	68
3	Install New JRC7 Manhole	ea	1
4	Install GI Riser 100mm	ea	1
5	Install Fiber Distribution Point and Closure (Splicing, Termination and Testing)	ea	15
6	Estimated Time Required for Completion	days	30



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## 2.0 LOCAL AUTHORITY SUMMARY

Daerah Taiping

NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	-	1740
		Majlis	-	-
		Estate / Private Land	-	325-
<b>Total Distance (m)</b>				<b>2066</b>

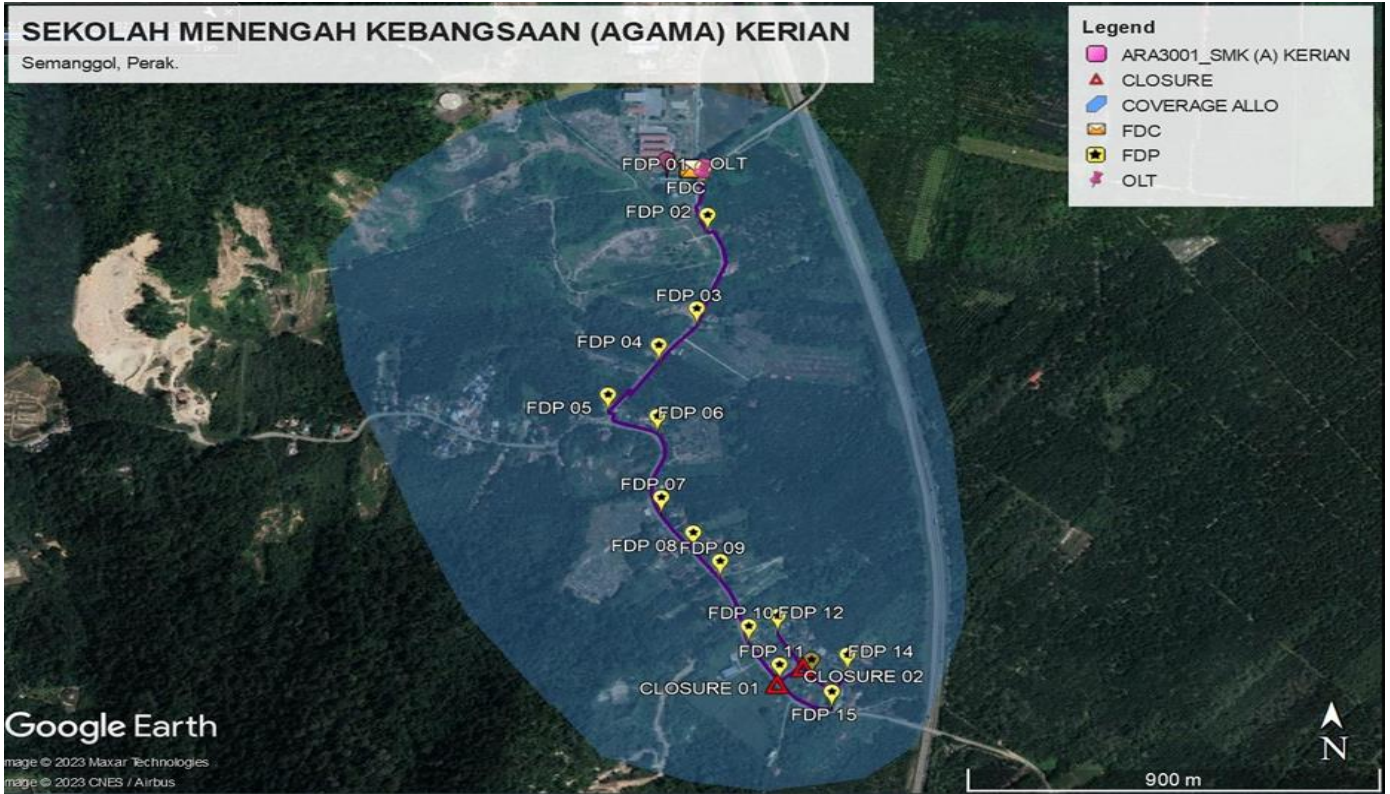


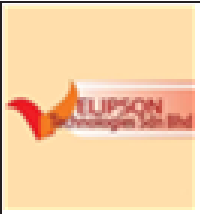
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3.0 SITE PLAN (KMZ)

3.1 Overview Site Area

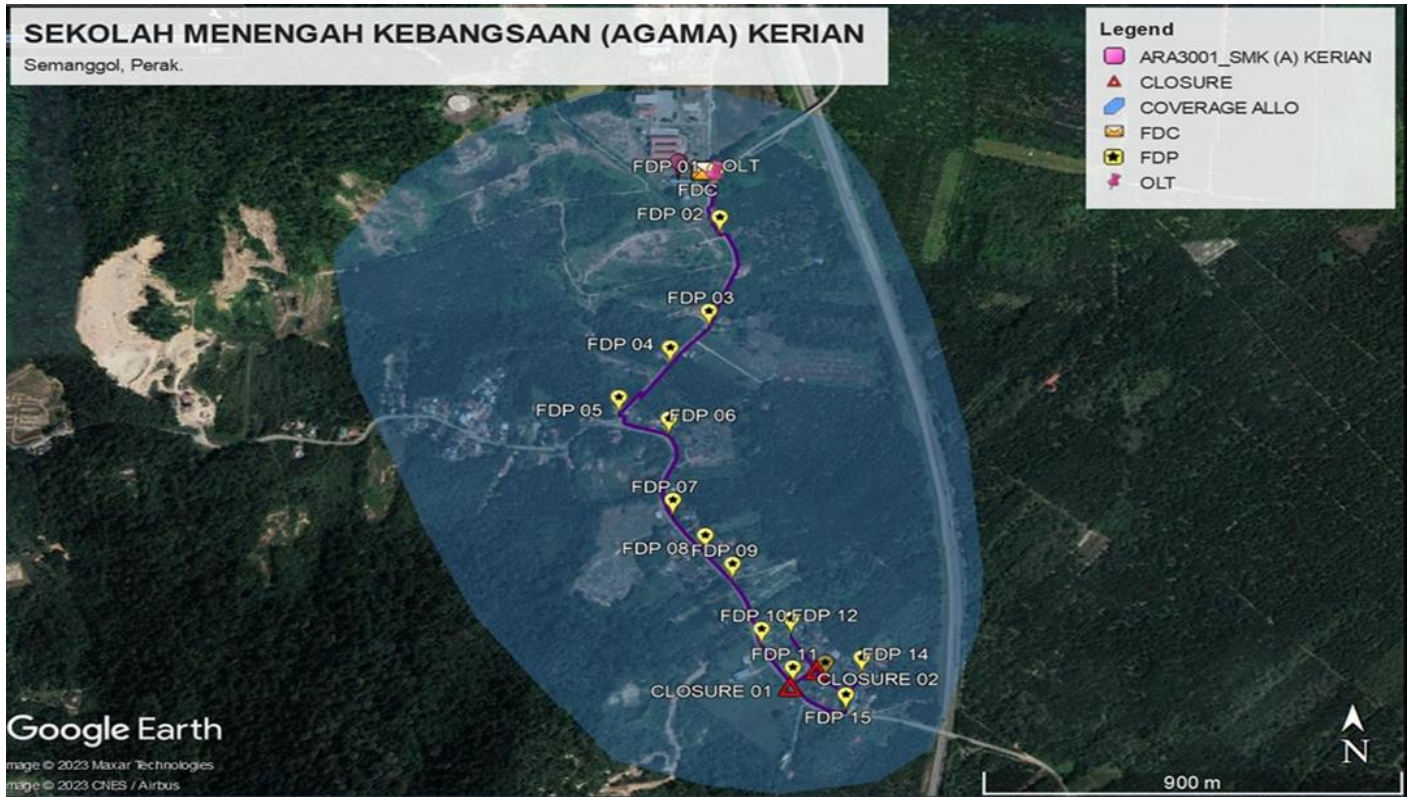




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3.2 Site Plan - KMZ Routing (All Local Authority)



Red Colour - JKR Road (Daerah Kerian)  
Yellow Colour - Majlis Road (Majlis Daerah Kerian)



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**4.0 PROPOSED NEW POLE**

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	41	4.58044	100.40059	Dalam Pagar Sekolah
2	T002	41	4.58041	100.40067	Public Works Dept Kerian/JKR
3	T003	41	4.58032	100.40067	Public Works Dept Kerian/JKR
4	T004	41	4.58024	100.40068	Public Works Dept Kerian/JKR
5	T005	41	4.58013	100.40072	Public Works Dept Kerian/JKR
6	T006	41	4.58006	100.40076	Public Works Dept Kerian/JKR
7	T007	41	4.57597	100.40081	Public Works Dept Kerian/JKR
8	T008	41	4.57590	100.40085	Public Works Dept Kerian/JKR
9	T009	41	4.57579	100.40086	Public Works Dept Kerian/JKR
10	T010	41	4.57566	100.40083	Public Works Dept Kerian/JKR
11	T011	41	4.57560	100.40078	Public Works Dept Kerian/JKR
12	T012	41	4.57550	100.40074	Public Works Dept Kerian/JKR
13	T013	41	4.57539	100.40070	Public Works Dept Kerian/JKR
14	T014	41	4.57531	100.40067	Public Works Dept Kerian/JKR
15	T015	41	4.57520	100.40059	Public Works Dept Kerian/JKR
16	T016	41	4.57515	100.40053	Public Works Dept Kerian/JKR
17	T017	41	4.57507	100.40048	Public Works Dept Kerian/JKR
18	T018	41	4.57497	100.40041	Public Works Dept Kerian/JKR
19	T019	41	4.57487	100.40033	Public Works Dept Kerian/JKR
20	T020	41	4.57476	100.40024	Public Works Dept Kerian/JKR
21	T021	41	4.57468	100.40019	Public Works Dept Kerian/JKR
22	T022	41	4.57460	100.40013	Public Works Dept Kerian/JKR
23	T023	41	4.57452	100.40007	Public Works Dept Kerian/JKR
24	T024	41	4.57439	100.39598	Public Works Dept Kerian/JKR
25	T025	41	4.57436	100.40008	Public Works Dept Kerian/JKR
26	T026	41	4.57434	100.40018	Public Works Dept Kerian/JKR
27	T027	41	4.57432	100.40027	Public Works Dept Kerian/JKR
28	T028	41	4.57425	100.40036	Public Works Dept Kerian/JKR
29	T029	41	4.57417	100.40037	Public Works Dept Kerian/JKR
30	T030	41	4.57410	100.40036	Public Works Dept Kerian/JKR
31	T031	41	4.57402	100.40032	Public Works Dept Kerian/JKR
32	T032	41	4.57393	100.40028	Public Works Dept Kerian/JKR



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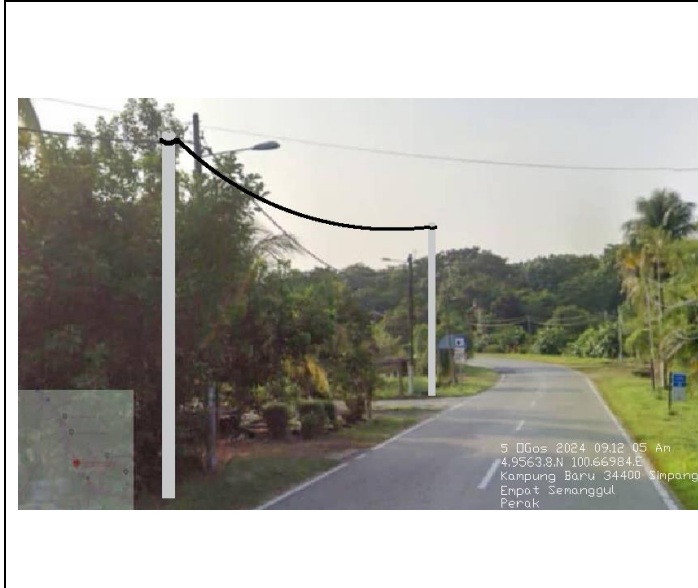
Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
33	T033	41	4.57382	100.40028	Public Works Dept Kerian/JKR
34	T034	41	4.57370	100.40032	Public Works Dept Kerian/JKR
35	T035	41	4.57359	100.40037	Public Works Dept Kerian/JKR
36	T036	41	4.57350	100.40043	Public Works Dept Kerian/JKR
37	T037	41	4.57341	100.40049	Public Works Dept Kerian/JKR
38	T038	41	4.57334	100.40055	Public Works Dept Kerian/JKR
39	T039	41	4.57328	100.40060	Public Works Dept Kerian/JKR
40	T040	41	4.57324	100.40063	Public Works Dept Kerian/JKR
41	T041	41	4.57318	100.40068	Public Works Dept Kerian/JKR
42	T042	41	4.57312	100.40074	Public Works Dept Kerian/JKR
43	T043	41	4.57297	100.40083	Public Works Dept Kerian/JKR
44	T044	41	4.57287	100.40088	Public Works Dept Kerian/JKR
45	T045	41	4.57276	100.40091	Public Works Dept Kerian/JKR
46	T046	41	4.57261	100.40094	Public Works Dept Kerian/JKR
47	T047	41	4.57253	100.40097	Public Works Dept Kerian/JKR
48	T048	41	4.57246	100.40101	Public Works Dept Kerian/JKR
49	T049	41	4.57239	100.40105	Public Works Dept Kerian/JKR
50	T050	41	4.57228	100.40113	Public Works Dept Kerian/JKR
51	T051	41	4.57218	100.40119	Public Works Dept Kerian/JKR
52	T052	41	4.57211	100.40125	Public Works Dept Kerian/JKR
53	T053	41	4.57201	100.40135	Public Works Dept Kerian/JKR
54	T054	41	4.57197	100.40141	Public Works Dept Kerian/JKR
55	T055	41	4.57194	100.40152	Public Works Dept Kerian/JKR
56	T056	41	4.57192	100.40166	Public Works Dept Kerian/JKR
57	T057	41	4.57191	100.40178	Public Works Dept Kerian/JKR
58	T058	41	4.57260	100.40123	Dalam Kampung Bukit
59	T059	41	4.57251	100.40127	Dalam Kampung Bukit
60	T060	41	4.57243	100.40132	Dalam Kampung Bukit
61	T061	41	4.57233	100.40138	Dalam Kampung Bukit
62	T062	41	4.57229	100.40133	Dalam Kampung Bukit
63	T063	41	4.57224	100.40127	Dalam Kampung Bukit
64	T064	41	4.57224	100.40145	Dalam Kampung Bukit
65	T065	41	4.57217	100.40154	Dalam Kampung Bukit
66	T066	41	4.57216	100.40168	Dalam Kampung Bukit
67	T067	41	4.57227	100.40174	Dalam Kampung Bukit



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5.0 SITE PHOTOS - INSTALLATION POLES





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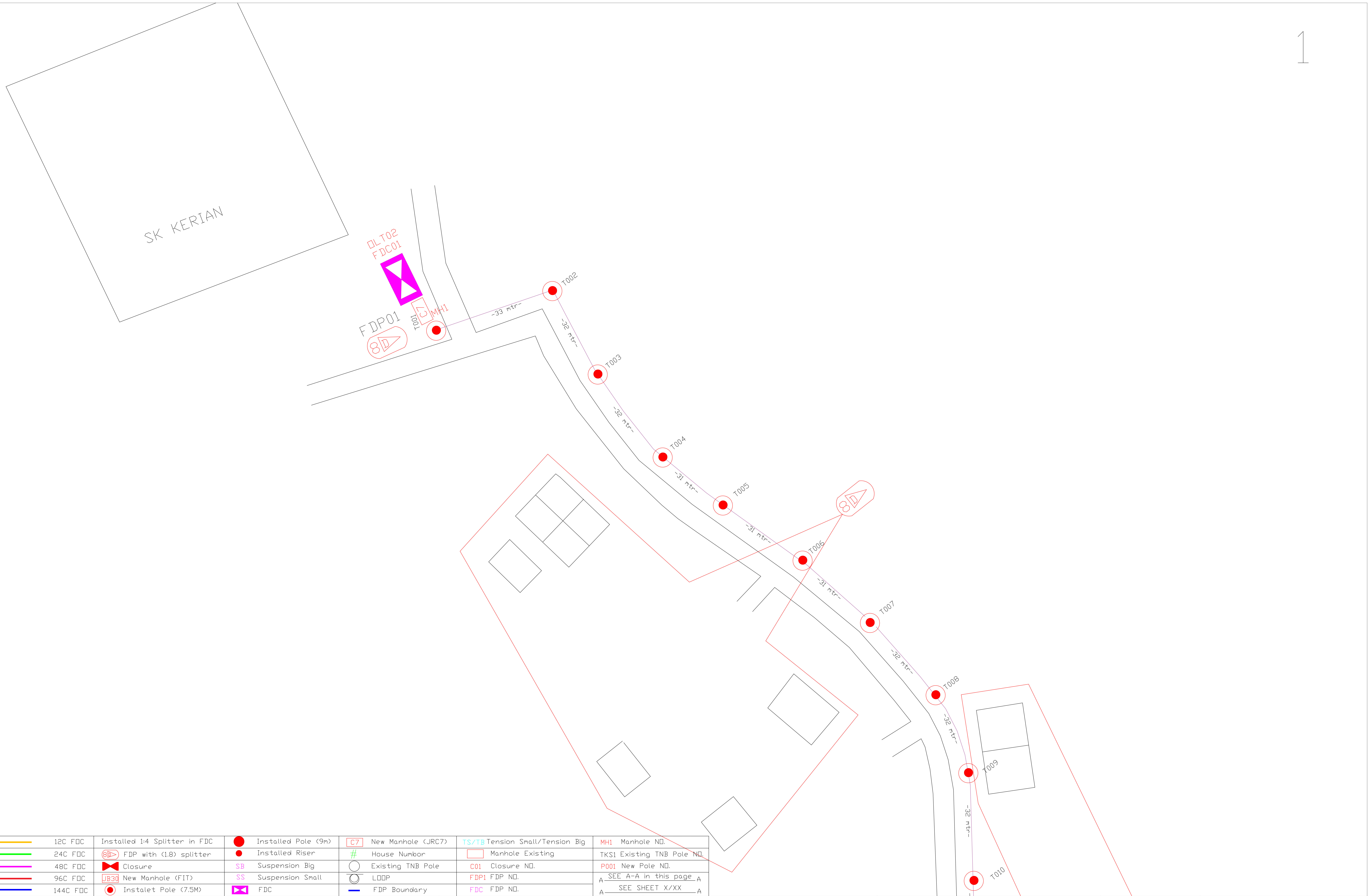


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#### 7.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Kerian	1740m
2	JKR Kerian	325m





	12C FDC	Installed 1:4 Splitter in FDC		Installed Pole (9m)		New Manhole (JRC7)		Tension Small/Tension Big		Manhole ND.
	24C FDC	FDP with (1:8) splitter		Installed Riser		House Number		Manhole Existing		Existing TNB Pole ND.
	48C FDC	Closure		Suspension Big		Existing TNB Pole		Closure ND.		New Pole ND.
	96C FDC	New Manhole (FIT)		Suspension Small		LODP		FDP ND.	A SEE A-A in this page A	
	144C FDC	Instalet Pole (7.5M)		FDC		FDP Boundary		FDC ND.	A SEE SHEET X/XX A	


KEY PAN :

OWNER / DEVELOPER :



KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR :



PRIVASAT

SUB CONTRACTOR :



ALLO TECHNOLOGY SDN BHD  
CYBERNEW GARDEN VILLAS  
PERSAHAM MULTIMEDIA, CYBER 7  
63000 CYBERJAYA, SELANGOR DARUL EHSAN.  
TEL: 1 300-35-0200  
FAX: (60) 3 8900 5221  
E-MAIL: info@allo.my  
WEBSITE: HTTP://WWW.ALLO.MY

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ALLO FTTH SCHOOL PROJECT  
NORTHERN REGION

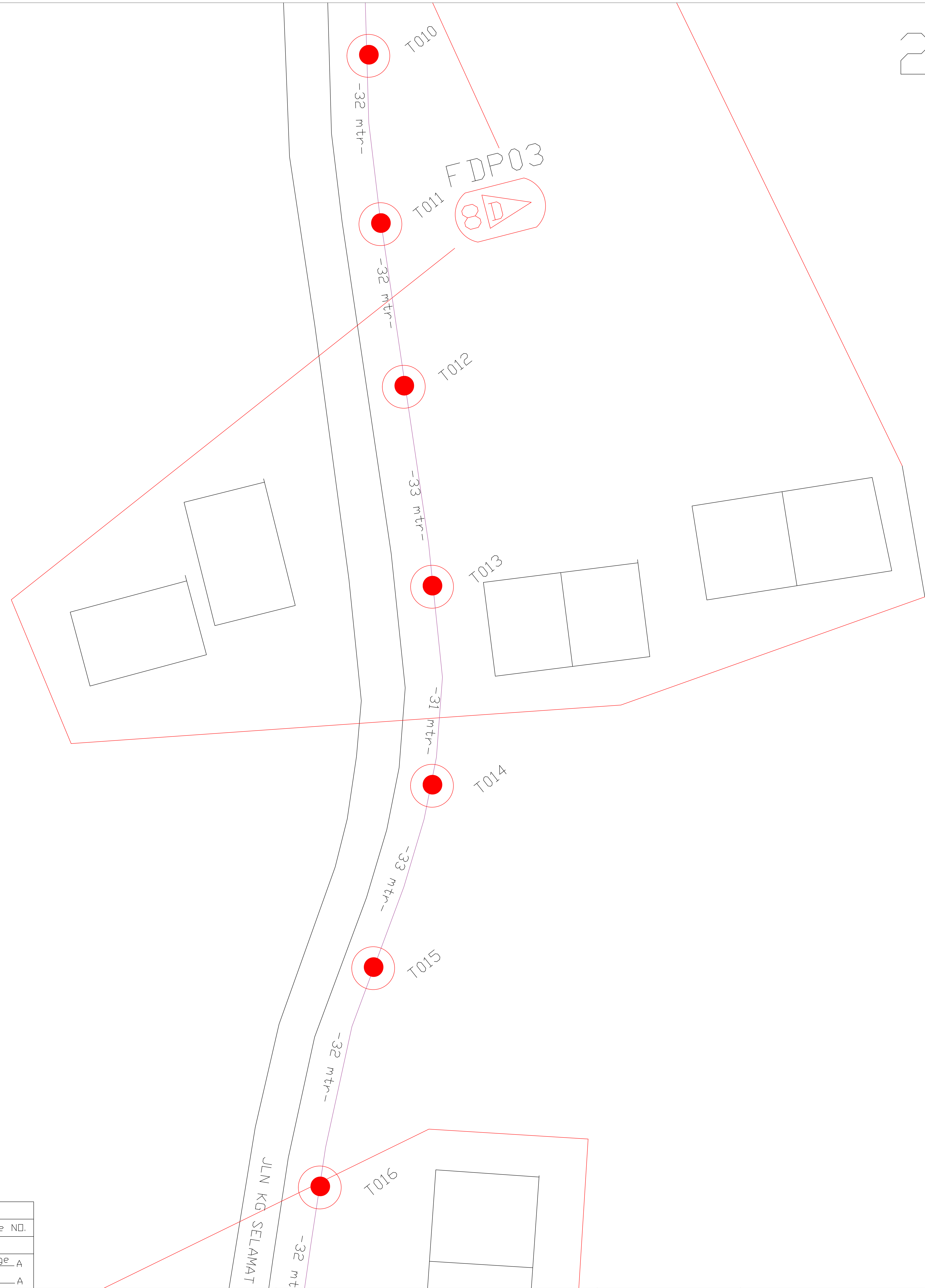
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FOR ARA 3001 SK (A)  
KERIAN

PROJECT PHASE :

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	24C FDC	FDP with (1:8) splitter		Installed Riser		House Number		Manhole Existing		Existing TNB Pole ND.
	48C FDC	Closure		Suspension Big		Existing TNB Pole		Closure ND.		New Pole ND.
	96C FDC	New Manhole (FIT)		Suspension Small		LODP		FDP ND.	A	SEE A-A in this page A
	144C FDC	Instalet Pole (7.5M)		FDC		FDP Boundary		FDP ND.	A	SEE SHEET X/XX A

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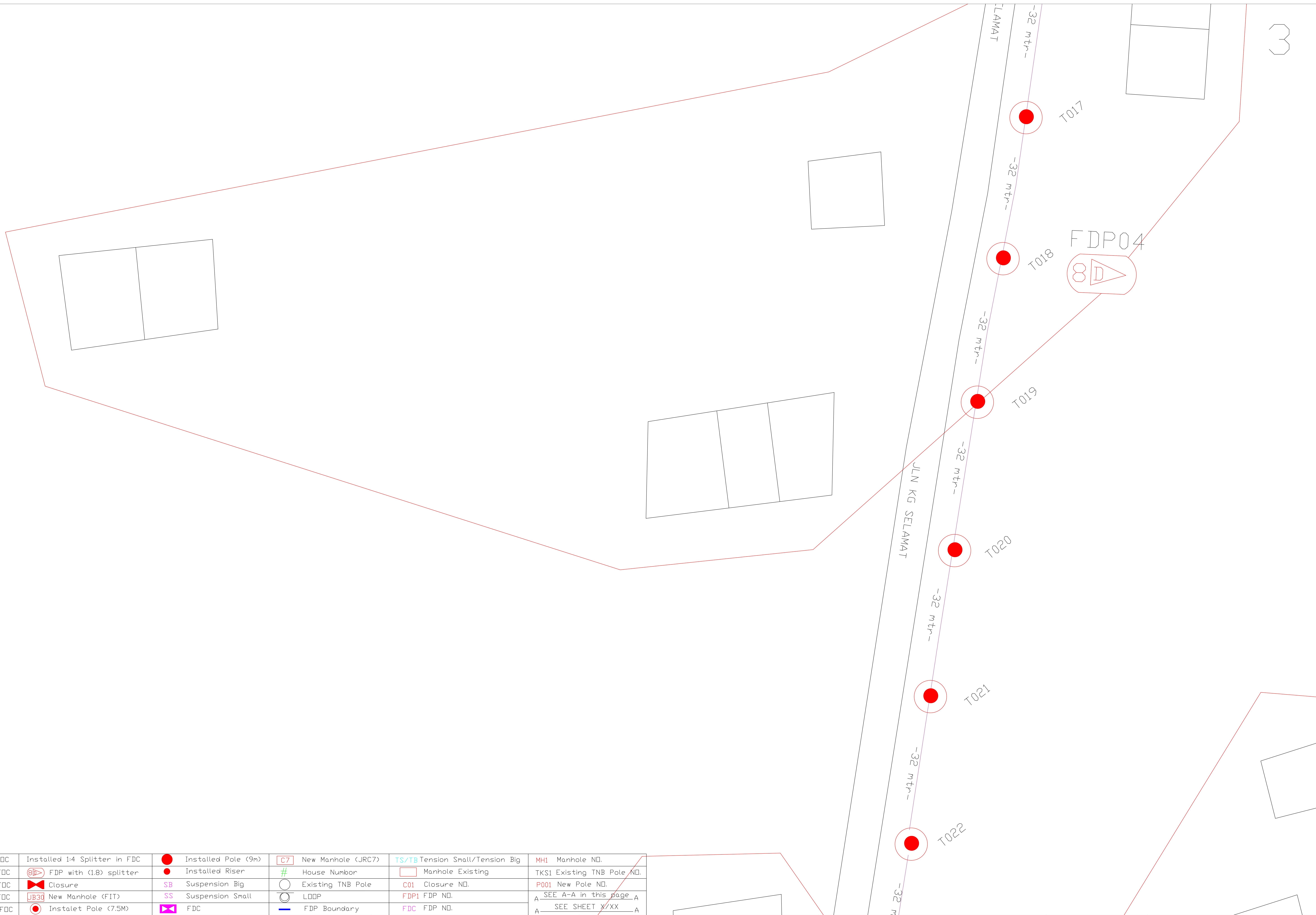
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	12C FDC	Installed 1:4 Splitter in FDC		Installed Pole (9m)		New Manhole (JRC7)		TS/TB Tension Small/Tension Big		MH1 Manhole ND.
	24C FDC	FDP with (1:8) splitter		Installed Riser		House Number		Manhole Existing		TKS1 Existing TNB Pole ND.
	48C FDC	Closure		Suspension Big		Existing TNB Pole		Closure ND.		New Pole ND.
	96C FDC	New Manhole (FIT)		Suspension Small		LODP		FDP ND.	A	SEE A-A in this page A
	144C FDC	Instalet Pole (7.5M)		FDC		FDP Boundary		FDC FDP ND.	A	SEE SHEET X/XX A

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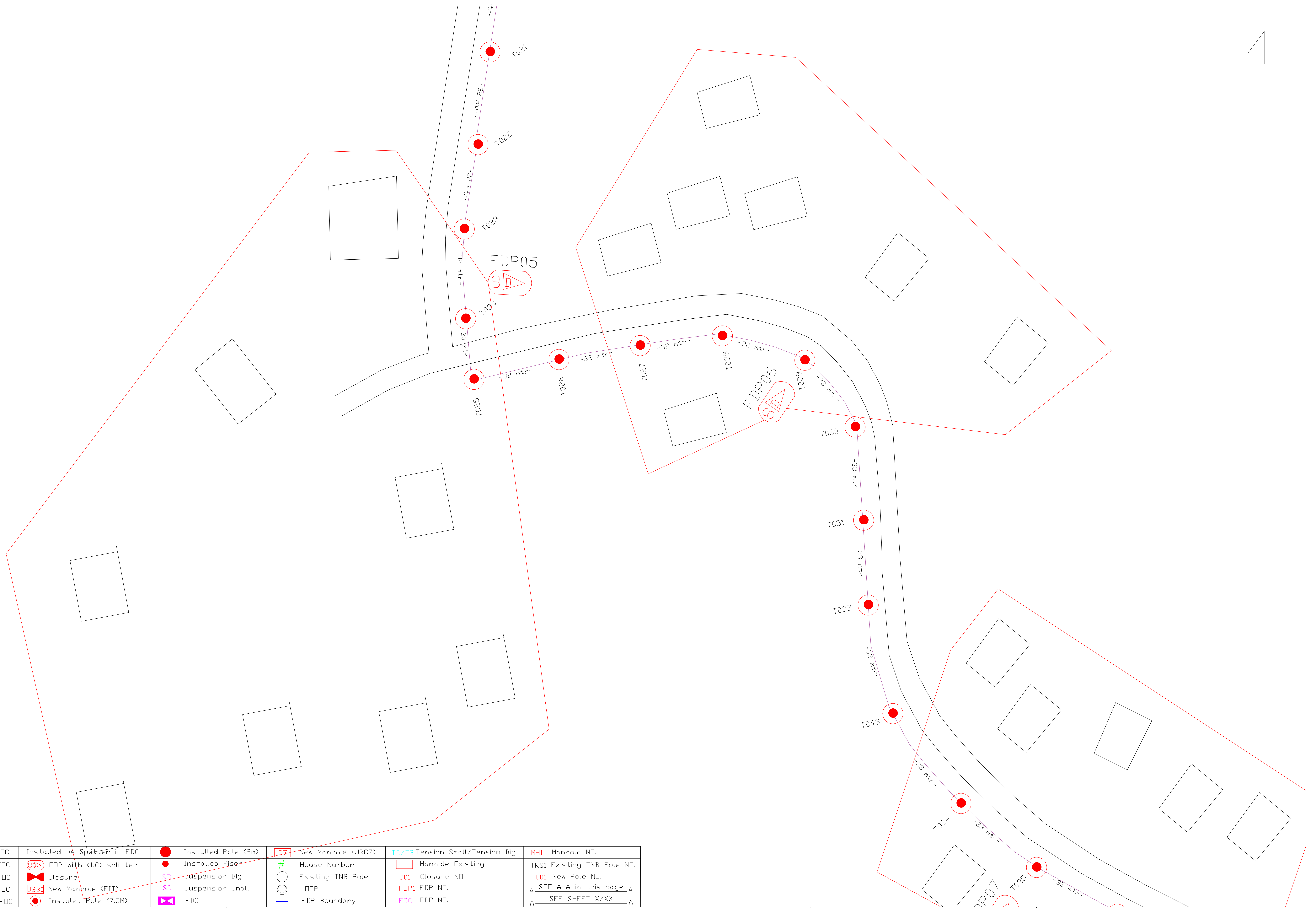
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24C FDC	FDP with (1:8) splitter	● Installed Riser	# House Number	Manhole Existing	TKS1 Existing TNB Pole NO.
48C FDC	Closure	SB Suspension Big	○ Existing TNB Pole	C01 Closure NO.	P001 New Pole NO.
96C FDC	New Manhole (FIT)	SS Suspension Small	○ LDDP	FDP1 FDP NO.	A SEE A-A in this page A
144C FDC	Instalet Pole (7.5M)	FDC	— FDP Boundary	FDC FDP NO.	A SEE SHEET X/XX A


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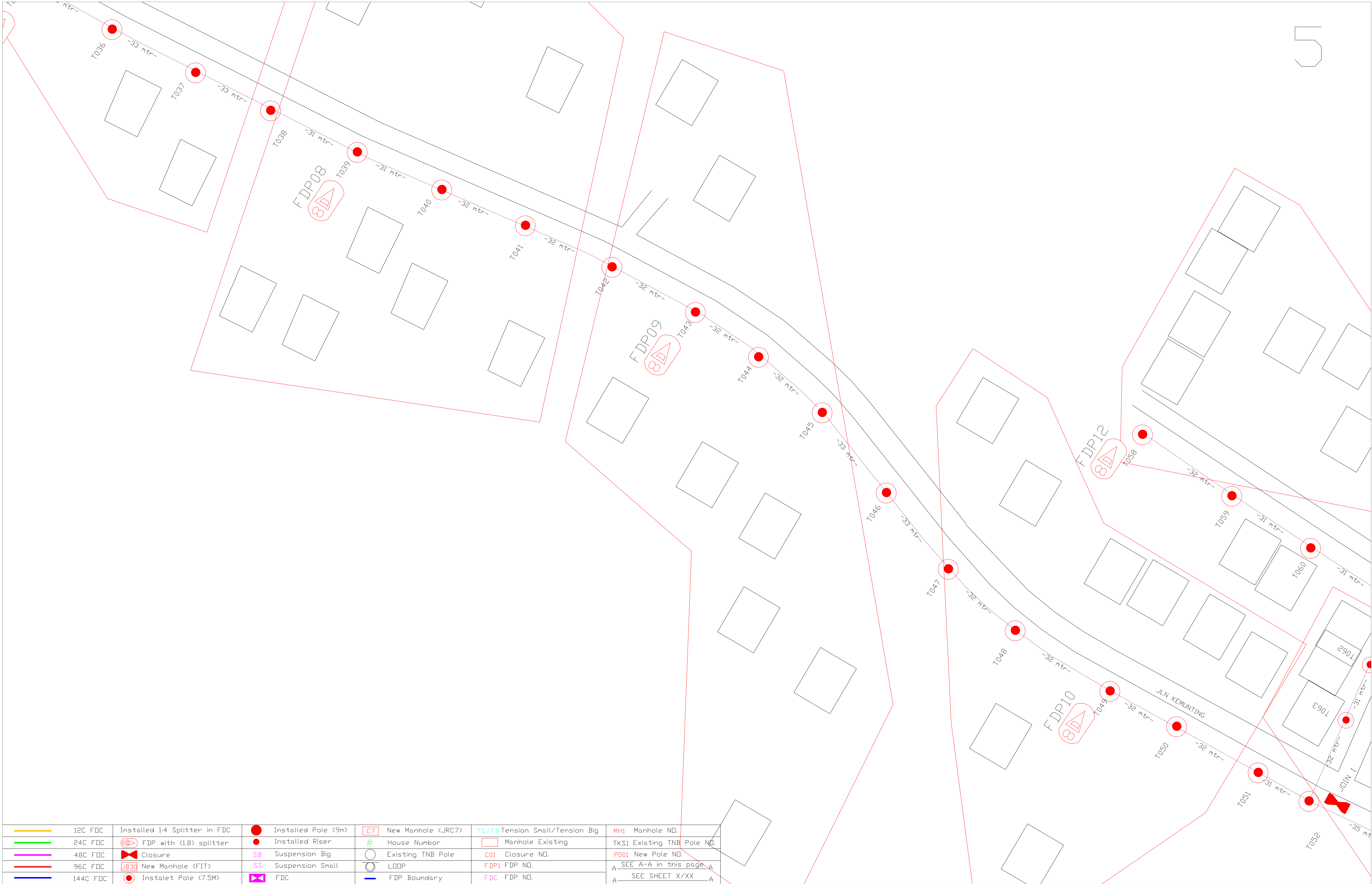
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24C FDC	FDP with (1:8) splitter	Installed Riser	House Number	Manhole Existing	Existing TNB Pole ND.
48C FDC	Closure	Suspension Big	Existing TNB Pole	Closure ND.	New Pole ND.
96C FDC	New Manhole (FIT)	Suspension Small	LODP	FDP ND.	A SEE A-A in this page A
144C FDC	Instalet Pole (7.5M)	FDC	FDP Boundary	FDP ND.	A SEE SHEET X/XX A


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144C FDC	Instalet Pole (7.5M)	FDC	FDP Boundary	FDP ND.	SEE SHEET X/XX


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