

TECHNICAL PROPOSAL

POP2 ABD3057 SEKOLAH JENIS KEBANGSAAN TAMIL LADANG SELINSING (D-SIDE)

Company Name : ISOELEKTRIK SERVICES SDN BHD
Company Address : 31A, Persiaran Menglembu Suria, Pusat Perniagaan Menglembu Suria, 30200 Ipoh, Perak
Prepared By : Muhammad Alif Jazli Bin Johari
Date : 8/08/2024



Starting Point

Site / Boundary Name : Kampung Selinsing Perak :
Address : SJKT Ladang Selinsing, Perak :
District : Selinsing
Postcode : 34400
State : Perak
GPS Coordinate : 4.910134, 100.662930
LRD : A

Ending Point

Site / Boundary Name : Kampung Selinsing Perak
Address : Klinik Desa Kg Dew
District : Semanggol
Postcode : 34400
State : Perak
GPS Coordinate : 4.917499 100.656188
LRD : B



SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE FOR ALLO TECHNOLOGY SDN BHD POP 2 PROJECT (D-SIDE) - PMU SELINSING FOR ABD3057-SEKOLAH JENIS KEBANGSAAN TAMIL LADANG SELINSING



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	1940
2	Install New Pole 7.5m	ea	54
3	Install New Pole 9m	ea	2
4	Install New JRC7 Manhole	ea	0
5	Install GI Riser 100mm	ea	0
6	Install Fiber Distribution Point and Closure (Splicing, Termination and Testing)	ea	13
7	Estimated Time Required for Completion	days	30



SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE FOR ALLO TECHNOLOGY SDN BHD POP 2 PROJECT (D-SIDE) - PMU SELINSING FOR ABD3057-SEKOLAH JENIS KEBANGSAAN TAMIL LADANG SELINSING



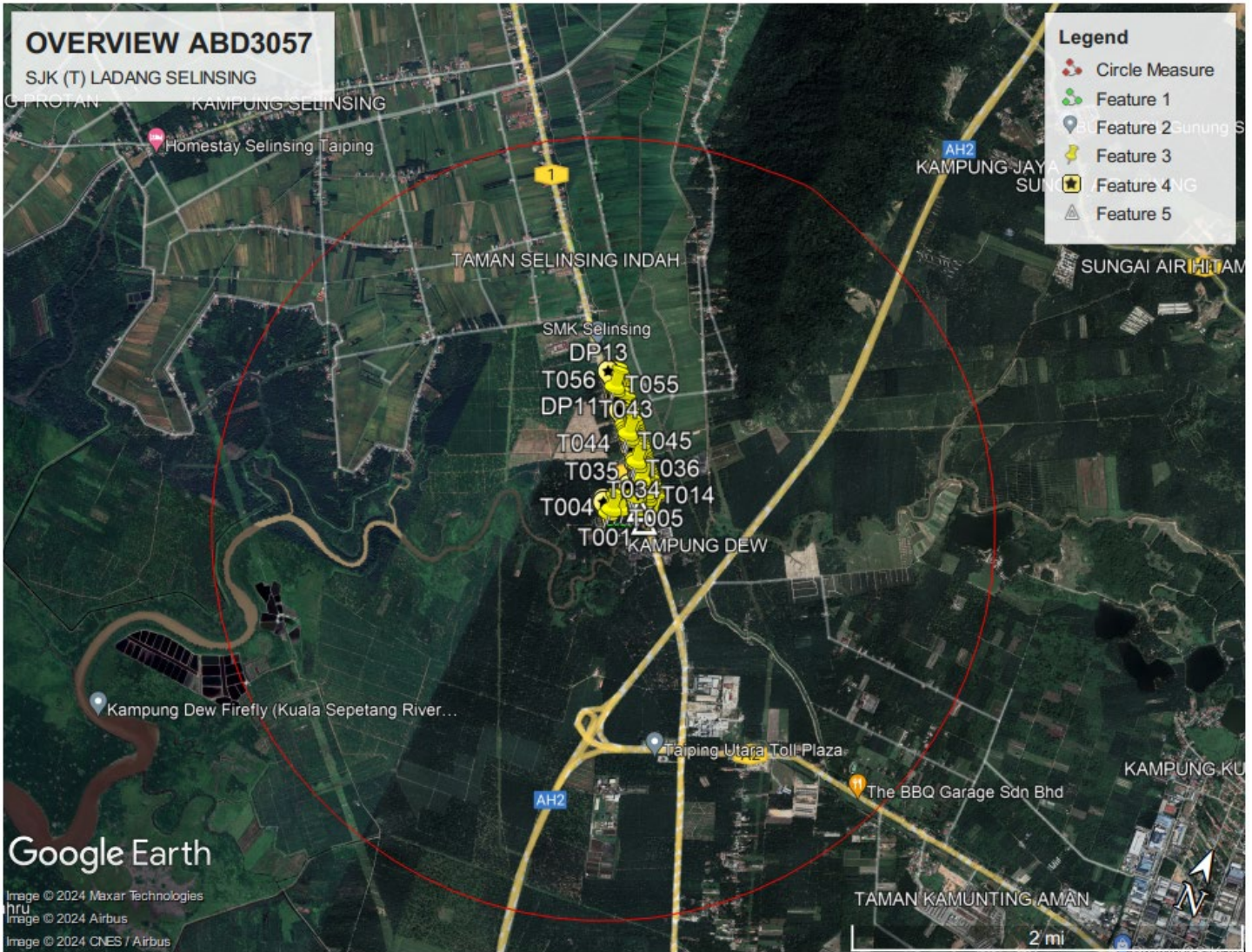
2.0 LOCAL AUTHORITY SUMMARY

Estate

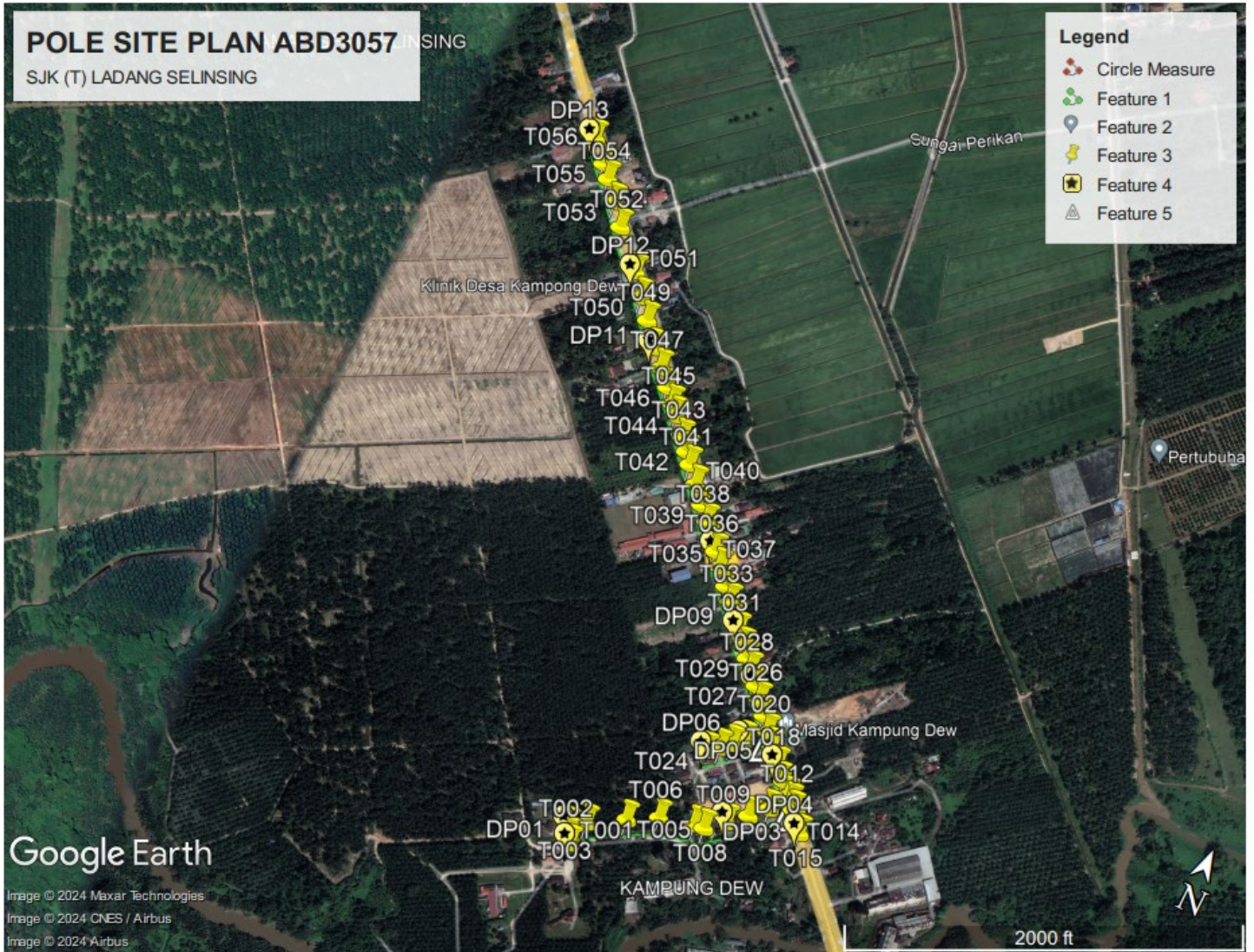
NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR Kerian	-	-
		Majlis Pemandaran Taiping	-	-
		Estate / Private Land	-	-
2	New Pole	KUDR (JKR Kerian)	41	1100
		Majlis Pemandaran Taiping	4	100
		Estate / Private Land	11	355
Total Distance (m)				1,555

3.0 SITE PLAN (KMZ)

3.1 Overview Site Area



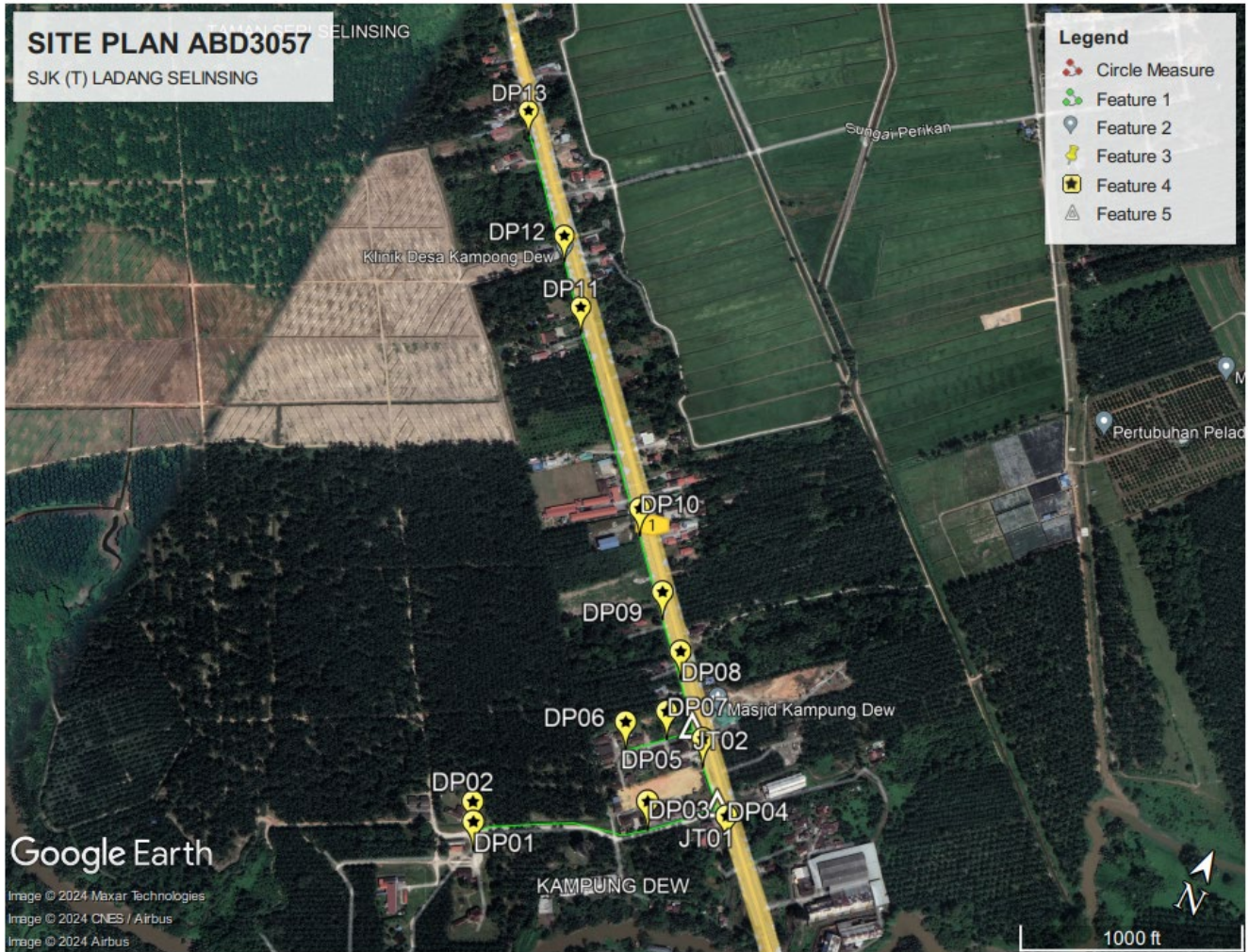
Site Plan – Pole Position



POLE 7.5m = 54 POLE

POLE 9m = 2 POLE

Site Plan - KMZ Routing (Position DP)



Distance :

- DP01 to DP02 – 50m
- DP02 to DP03 – 270m
- DP03 to JT01 – 130m
- JT01 to DP04 – 80m
- JT01 to DP05 – 90m
- DP05 to JT02 – 80m
- JT02 to DP07 – 60m
- DP07 to DP06 – 90m
- JT02 to DP08 – 100m
- DP08 to DP09 – 110m
- DP09 to DP10 – 150m
- DP10 to DP11 – 350m
- DP11 to DP12 – 140m
- DP12 to DP13 – 240m

TOTAL CABLE 24C : 1940m

Site Plan – KMZ Routing (3rd Authority)



- JALAN PERSEKUTUAN (JKR Kerian) – MERAH
- JALAN PEMBANDARAN (Majlis Pembandaran Taiping)– UNGU
- ESTET / PERSENDIRIAN – HIJAU

POLE BOUNDARY

- JALAN PERSEKUTUAN (JKR Kerian) – 41 POLE
- JALAN PEMBANDARAN (Majlis Pembandaran Taiping) – 4 POLE
- ESTET / PERSENDIRIAN – 11 POLE

PROPOSE NEW POLE

Propose New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	0	4.908626	100.660137	Estet
2	T002	15	4.908717	100.660091	Estet
3	T003	20	4.908837	100.660012	Estet
4	T004	35	4.908986	100.660219	Estet
5	T005	60	4.909268	100.660699	Estet
6	T006	50	4.909484	100.661096	Estet
7	T007	45	4.909607	100.661574	Estet
8	T008	25	4.909626	100.661712	Estet
9	T009	36	4.909836	100.661959	Estet
10	T010	36	4.910045	100.662193	Estet
11	T011	33	4.910254	100.662408	Estet
12	T012	35	4.910474	100.662633	JKR
13	T013	25	4.910388	100.662711	JKR
14	T014	20	4.910262	100.662821	JKR
15	T015	20	4.910134	100.662930	JKR
16	T016	20	4.910534	100.662566	JKR
17	T017	25	4.910681	100.662417	JKR
18	T018	30	4.910850	100.662241	JKR
19	T019	30	4.911043	100.662064	JKR
20	T020	25	4.911200	100.661918	JKR
21	T021	40	4.910959	100.661679	Majlis Pemandaran
22	T022	20	4.910831	100.661548	Majlis Pemandaran
23	T023	20	4.910715	100.661423	Majlis Pemandaran
24	T024	25	4.910596	100.661269	Majlis Pemandaran
25	T025	26	4.911379	100.661771	JKR
26	T026	25	4.911543	100.661629	JKR
27	T027	25	4.911698	100.661492	JKR
28	T028	27	4.911866	100.661329	JKR
29	T029	20	4.911986	100.661213	JKR
30	T030	20	4.912113	100.661098	JKR
31	T031	27	4.912278	100.660938	JKR
32	T032	22	4.912419	100.660821	JKR
33	T033	26	4.912585	100.660660	JKR
34	T034	25	4.912747	100.660511	JKR
35	T035	31	4.912948	100.660326	JKR
36	T036	27	4.913115	100.660176	JKR
37	T037	20	4.913249	100.660060	JKR
38	T038	28	4.913430	100.659893	JKR
39	T039	28	4.913606	100.659723	JKR
40	T040	33	4.913828	100.659525	JKR



SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE FOR ALLO TECHNOLOGY SDN BHD POP 2 PROJECT (D-SIDE) - PMU SELINSING FOR ABD3057-SEKOLAH JENIS KEBANGSAAN TAMIL LADANG SELINSING

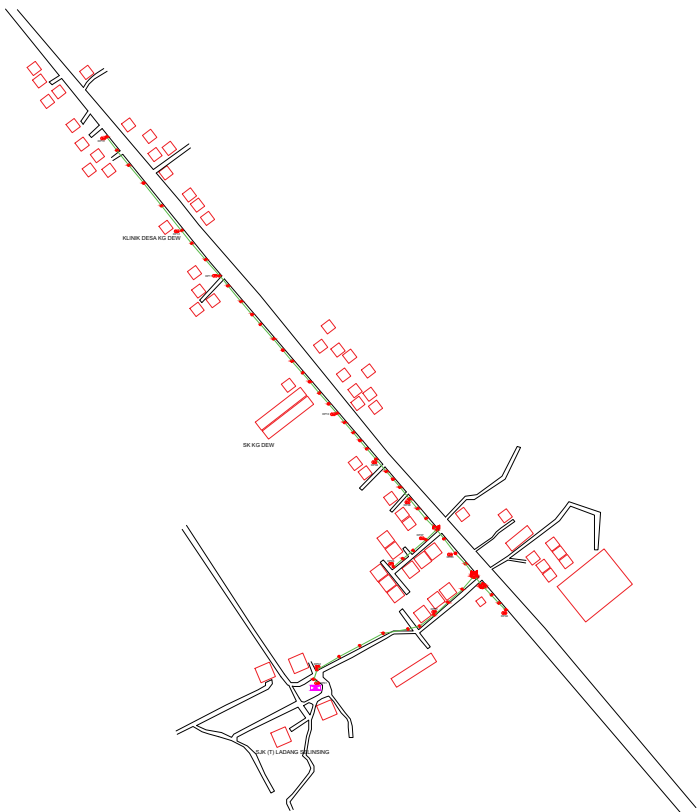


PROPOSE NEW POLE

Propose New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
41	T041	32	4.914034	100.659332	JKR
42	T042	21	4.914173	100.659211	JKR
43	T043	22	4.914318	100.659079	JKR
44	T044	36	4.914556	100.658863	JKR
45	T045	20	4.914679	100.658748	JKR
46	T046	26	4.914850	100.658594	JKR
47	T047	32	4.915052	100.658391	JKR
48	T048	33	4.915259	100.658176	JKR
49	T049	43	4.915561	100.657934	JKR
50	T050	37	4.915811	100.657714	JKR
51	T051	40	4.916088	100.657493	JKR
52	T052	50	4.916552	100.657037	JKR
53	T053	40	4.916823	100.656808	JKR
54	T054	37	4.917069	100.656593	JKR
55	T055	25	4.917229	100.656444	JKR
56	T056	42	4.917499	100.656188	JKR

6.0 SITE PHOTOS - PROPOSED NEW POLE





	12C FOC		Installed 1:4 / 1:8 / 1:32 splitter		Installed Pole (9m)		Suspension		New Manhole (PIT)		Micro-Trenching (Meter)		MH NO.
	24C FOC		Installed Patch Cord		Installed Pole (2.5M)		Tension		New Manhole (R/C)		Temporary Infra (Meter)		Existing TNB Pole NO.
	48C FOC		FDC		Installed Pole (6.7M)		Pole Ring		FDP Boundary		Loop / Coil (Meter)		New Pole NO.
	96C FOC		Closure		Existing TNB Pole		FDP with (1-8) splitter		HDD (Meter)		Active Outdoor Cabinet		Closure NO.
	144C FOC		Existing Closure		Installed Riser		Existing Manhole		Open Cut (Meter)		FDC NO.		FDP NO.

ACTUAL HOMEPASS :

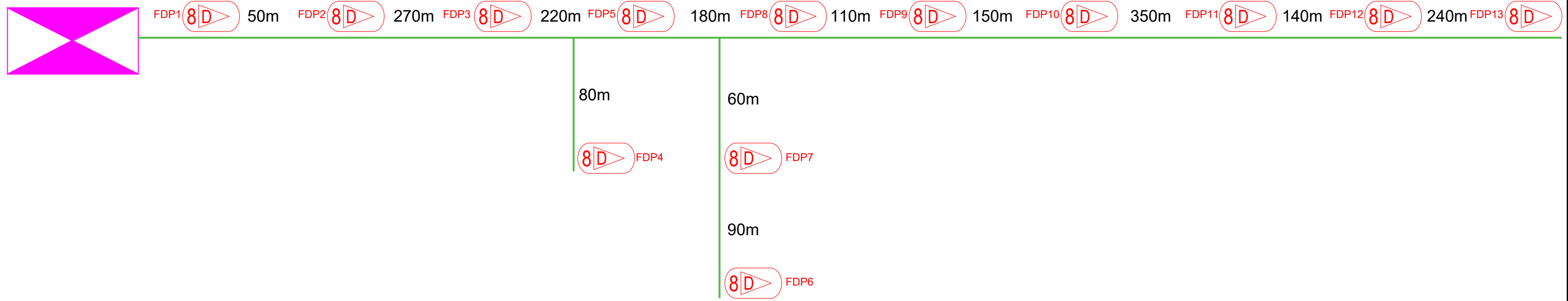
KEY PLAN:



PROJECT TITLE:
**ALLO POP2 (DSIDE)
 SJK(T) LADANG
 SELINSING**

DRAWING TITLE:
**PLAN SJK(T) LADANG
 SELINSING**
 PROJECT PHASE:
ISSUE FOR DESIGN

Design By : (Contractor)	Date :
Drawn By : (Contractor)	Scale :
Checked By : (ALLO PIC)	Job Number :
DRAWING NUMBER :	Sheet : /
THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF ALLO TECHNOLOGY SDN BHD	
Size :	



	12C FOC	Installed 1:4 / 1:8 / 1:32 splitter		Installed Pole (9m)		Suspension		New Manhole (PIT)		Micro-Trenching (Meter)		MH NO.
	24C FOC	Installed Patch Cord		Installed Pole (7.5M)		Tension		New Manhole(JRC7)		Temporary Infra (Meter)		Existing TNB Pole NO.
	48C FOC	FDC		Installed Pole (6.7M)		Pole Ring		FDP Boundary		Loop / Coil (Meter)		New Pole NO.
	96C FOC	Closure		Existing TNB Pole		FDP with (1:8) splitter		HDD (Meter)		Active Outdoor Cabinet		Closure NO.
	144C FOC	Existing Closure		Installed Riser		Existing Manhole		Open Cut (Meter)		FDC NO.		FDP NO.

ACTUAL HOMEPASS :

KEY PLAN:	PROJECT OWNER:	MAIN CONTRACTOR:	SUB-CONTRACTOR:	PROJECT TITLE:	DRAWING TITLE:	Design By : (Contractor)	Date :	
				ALLO POP2 ABD3057	SLD	Drawn By : (Contractor)	Scale :	
			ALLO TECHNOLOGY SDN BHD Level 3, Left Wing, College of Computer Science & Information Technology (CSIT) UNITEN, 43000 Kajang, Selangor TEL: 1 300-36-8000 FAX: (60) 3 8800 5221 E-MAIL : info@allo.my WEBSITE: HTTP://WWW.ALLO.MY	SJK(T) LADANG SELINSING		Checked By : (ALLO PIC)	Job Number :	
					PROJECT PHASE:	DRAWING NUMBER :	Sheet :	
						THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF ALLO TECHNOLOGY SDN BHD		Size :