

TECHNICAL PROPOSAL POP2 - ABAA005 SEKOLAH KEBANGSAAN KUALA SLIM 1 (D-SIDE)

Company Name:	STEADCOM SDN BHD
Company Address:	11-3, Jalan Puteri 2/6, Bandar Puteri, 47100 Puchong, Selangor
Prepared By:	Fassya
Date:	12/11/2024



Starting Point

Site / Boundary Name	Slim River
Address	Sekolah Kebangsaan Kuala Slim 1, Jalan Besar, Slim River Perak
District	Slim River
Postcode	35800
State	Perak
GPS Coordinate	3.807970, 101.363040
LRD	A

End Point

Site / Boundary Name	Slim River
Address	Kampung Jaya, 35800 Slim River, Perak
District	Slim River
Postcode	35800
State	Perak
GPS Coordinate	3.811285, 101.365474
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))

STEADCOM
 A member of OCK Group Berhad

1.0 Work Summary

No	Proposed Distance and Method	Unit	Qty
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	18
	Total		18m

	Other Information	Unit	Qty
1	Proposed Manhole	EA	2
2	Proposed Pole	EA	42
3	Joint Closure	EA	3
4	Estimated time required for completion	days	90



SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK
 INFRASTRUCTURE FOR ALLO TECHNOLOGY SDN BHD POP 2 PROJECT (D-
 SIDE) - PMU SRVR FOR ABAA005 SEKOLAH KEBANGSAAN KUALA SLIM 1



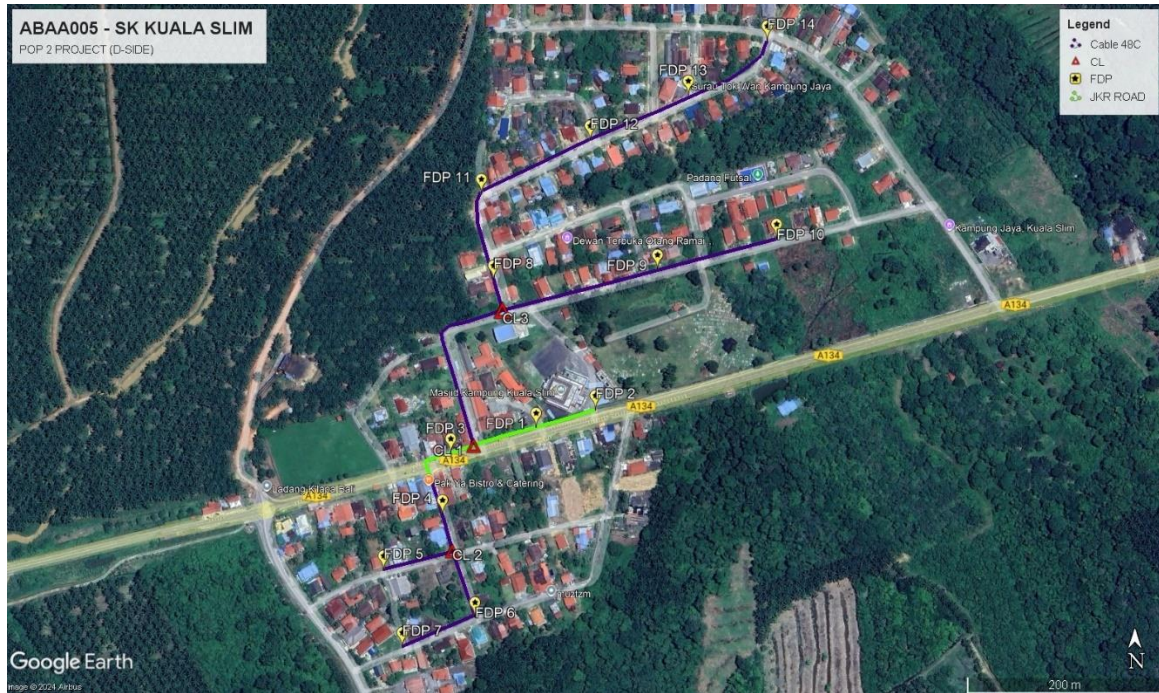
2.0 LOCAL AUTHORITY SUMMARY

Daerah Slim River

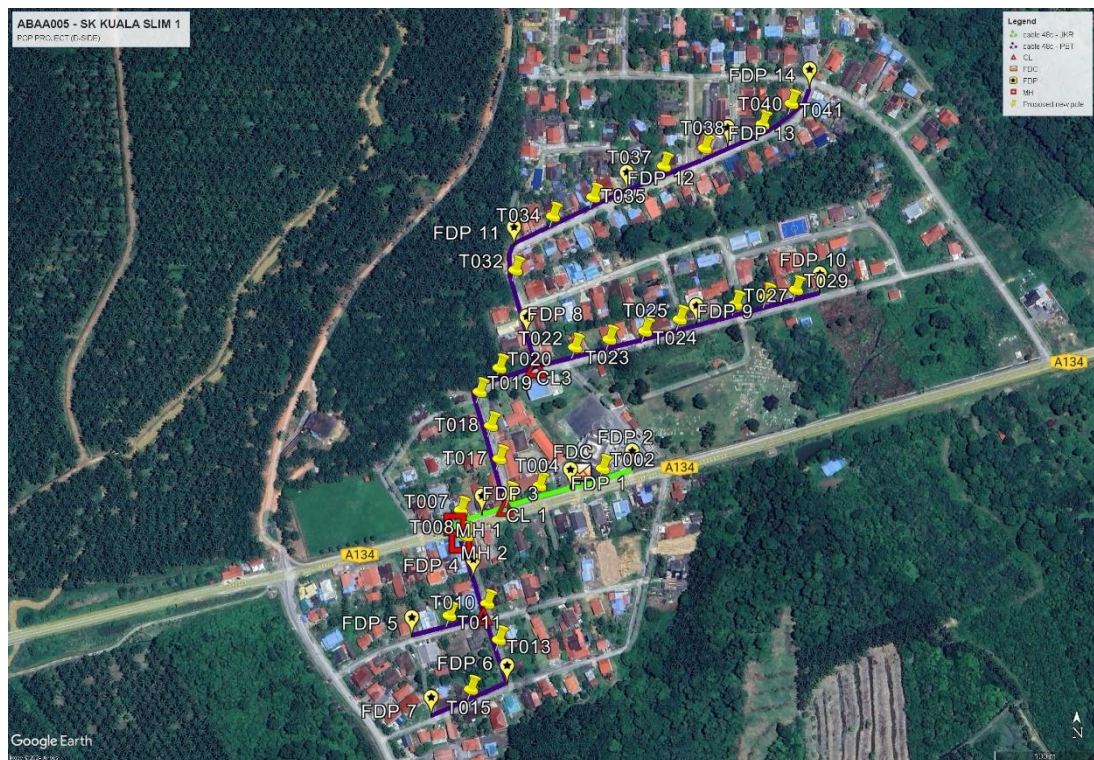
Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	20m	20m
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	8pc	204m
		Majlis	34pc	1245m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				1449m

3.0 SITE PLAN KMZ (Overview site area)

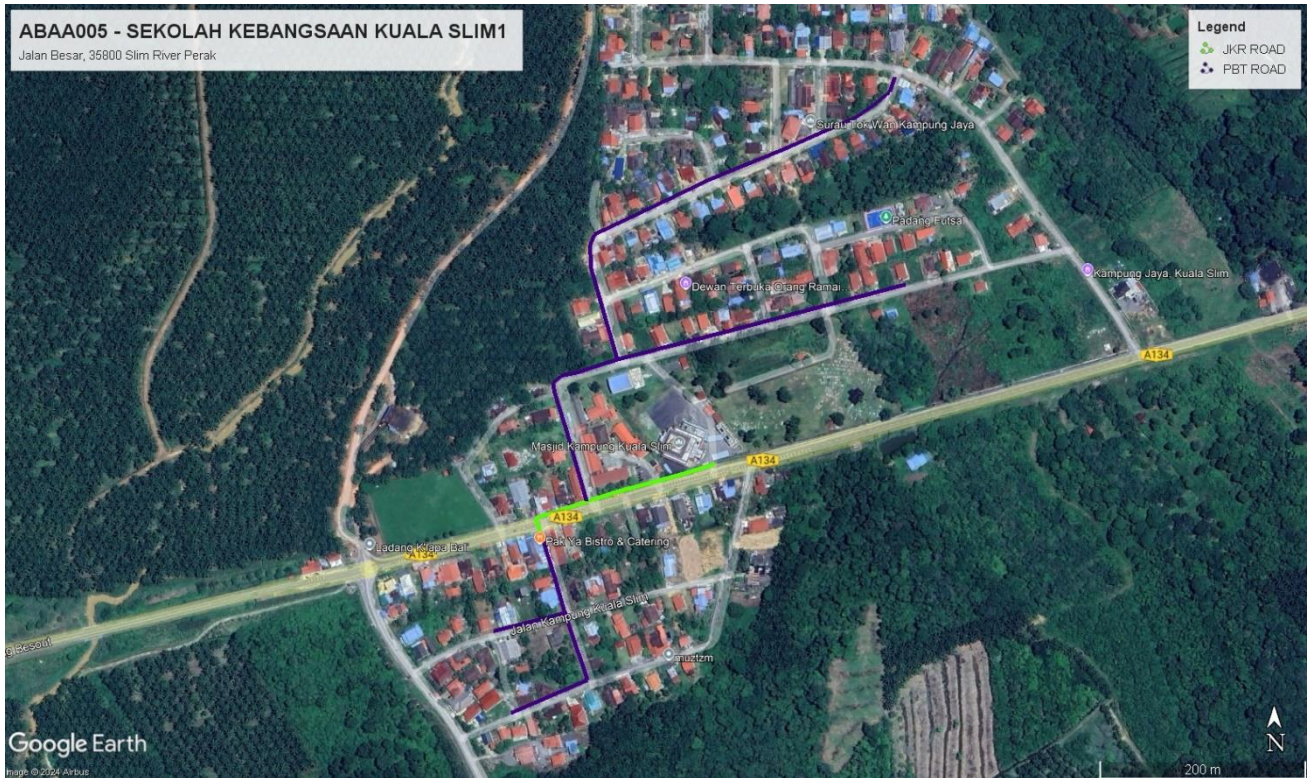
3.1 Proposed FDP and Closure



3.2 Proposed New Pole



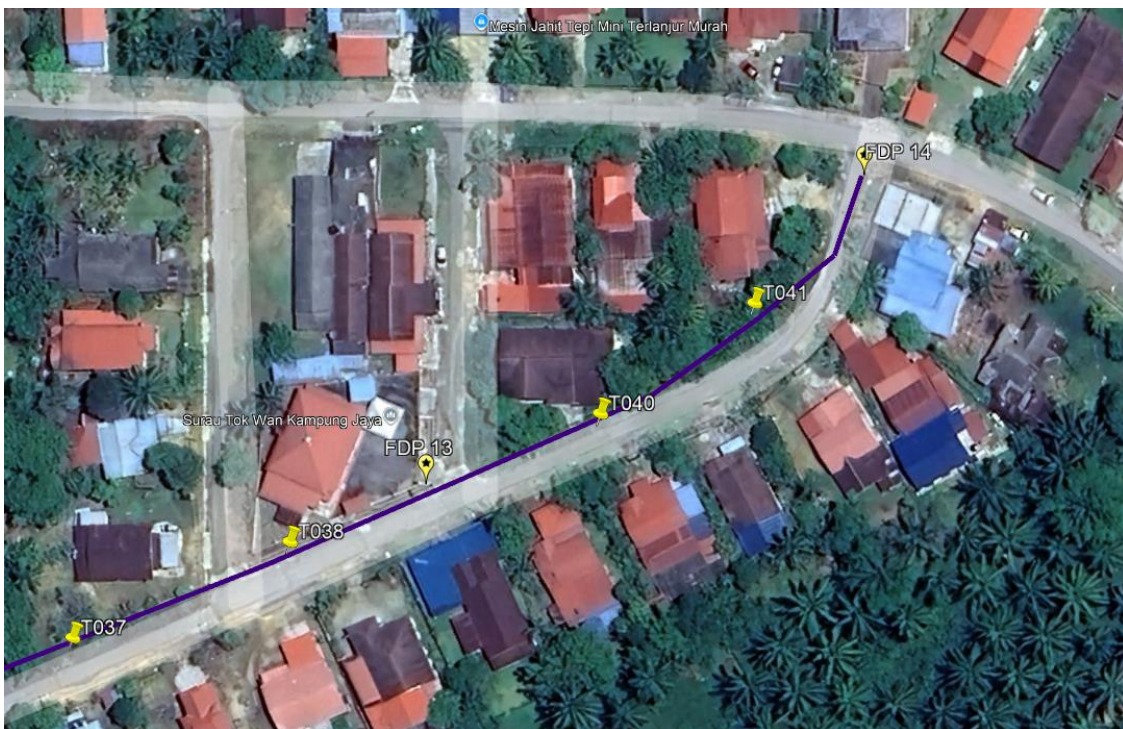
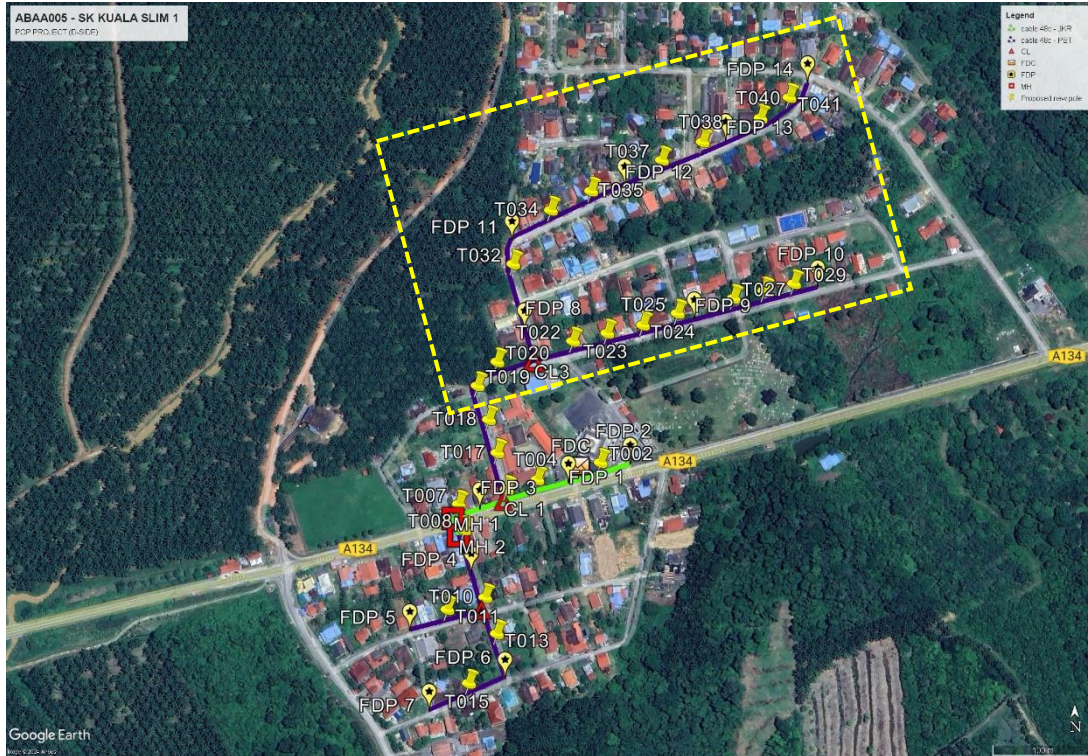
3.3 Site Plan KMZ Routing (All Local Authority)



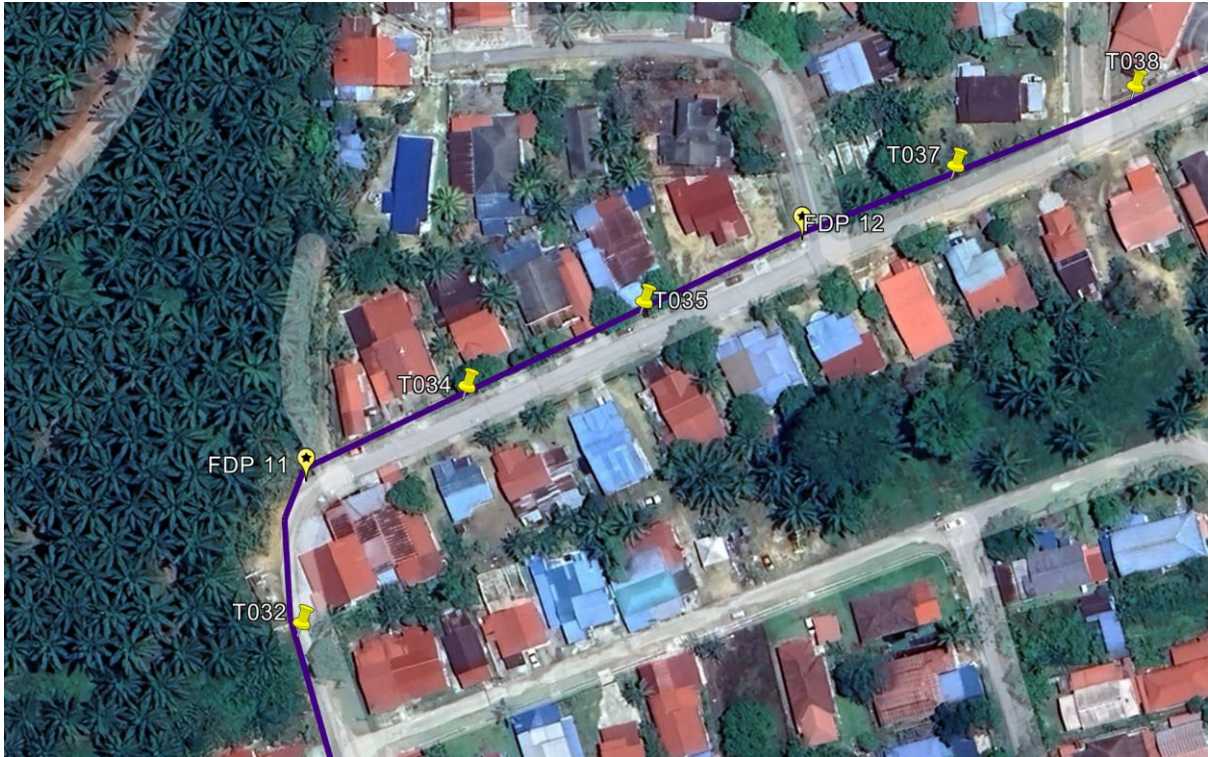
Green Colour – JKR Road
Purple Colour – PBT Road

3.4 Site Plan – KMZ Routing (All site area)

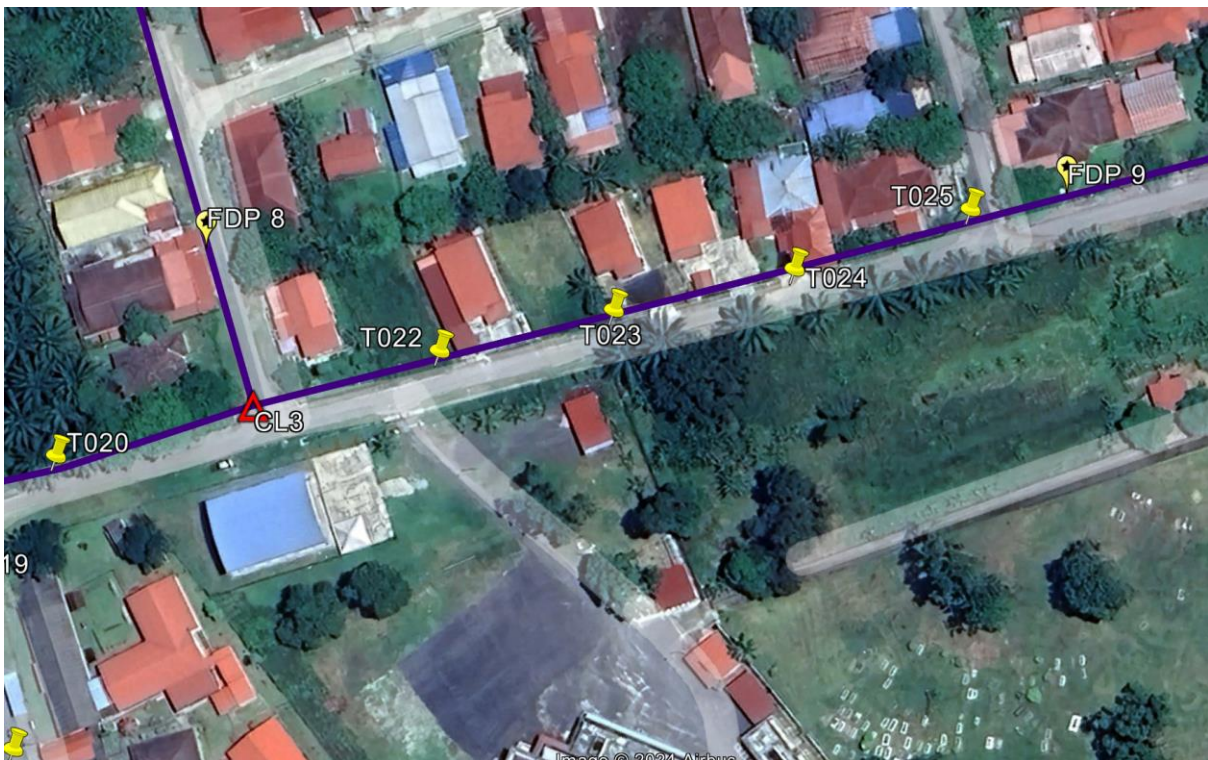
i) Route 1



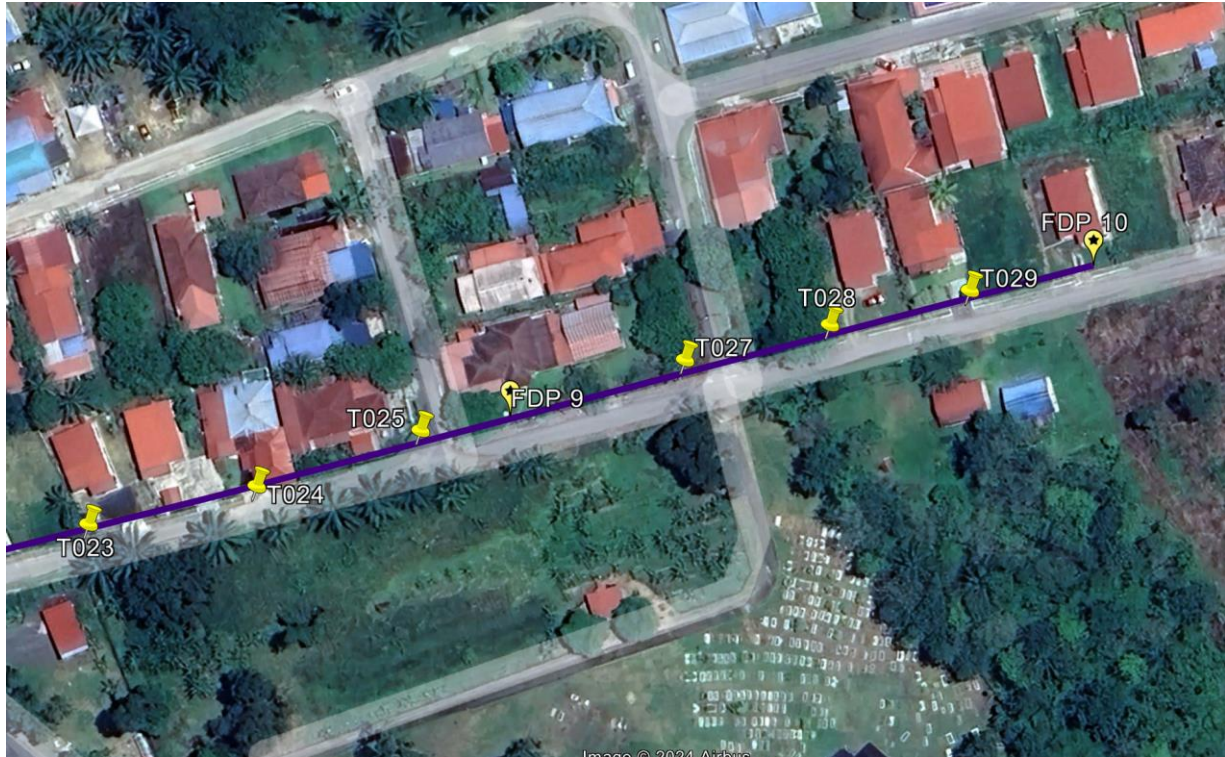
Route 1.1



Route 1.2

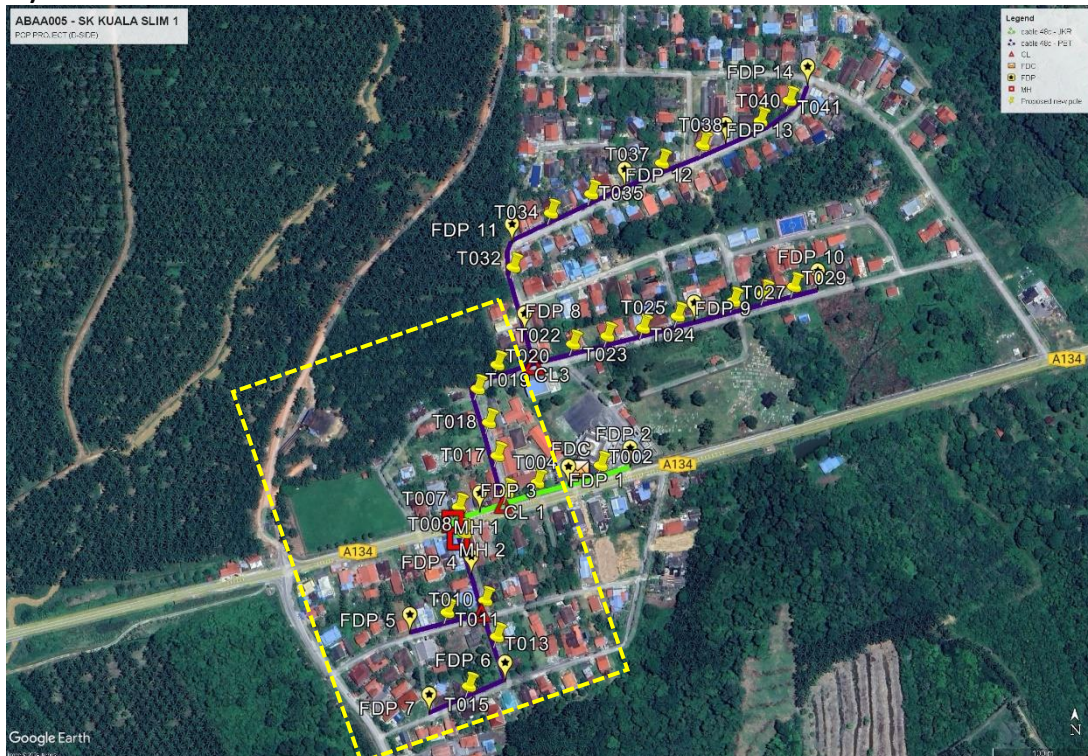


Route 1.3

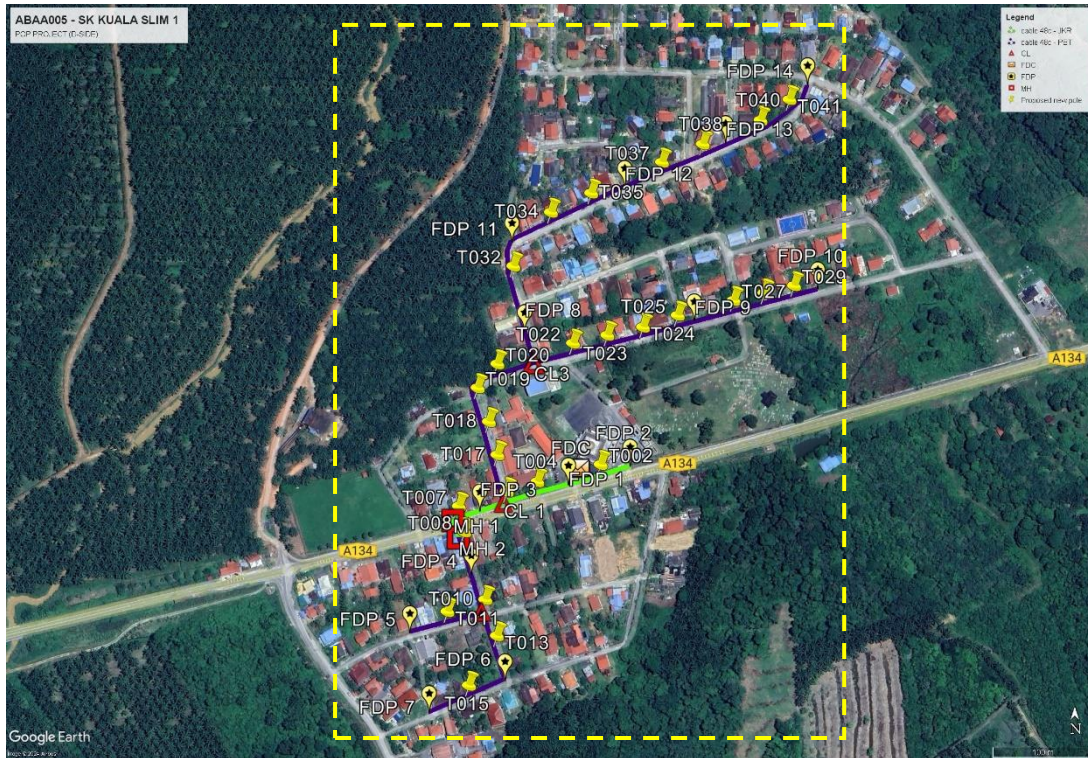


Route 1.4

ii) Route 2



3.5 Site Plan – KMZ Routing (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))



4.0 OVERALL POLE (PROPOSED NEW POLE)

PROPOSED NEW POLE COORDINATE					
NO	LABEL	NO POLE ID	LATITUDE	LONGITUDE	LOCAL AUTHORITY
1	FDC	T000	3.8077425	101.363417	JKR MUALLIM
2	MH 1	MH 1	3.8073975	101.362303	JKR MUALLIM
3	MH 2	MH 2	3.8072435	101.3623514	JKR MUALLIM
4	FDP 1	T001	3.8077174	101.3633344	JKR MUALLIM
5	FDP 2	T003	3.8078827	101.3638867	JKR MUALLIM
6	FDP 3	T006	3.8074819	101.3625432	JKR MUALLIM
7	FDP 4	T009	3.8069134	101.362466	MD TANJUNG MALIM
8	FDP 5	T012	3.8063969	101.3619169	MD TANJUNG MALIM
9	FDP 6	T014	3.8059685	101.3627684	MD TANJUNG MALIM
10	FDP 7	T016	3.8056845	101.3620894	MD TANJUNG MALIM
11	FDP 8	T031	3.8090822	101.362943	MD TANJUNG MALIM
12	FDP 9	T026	3.8091791	101.3644601	MD TANJUNG MALIM
13	FDP 10	T030	3.8094636	101.3655644	MD TANJUNG MALIM
14	FDP 11	T033	3.8098788	101.3628303	MD TANJUNG MALIM
15	FDP 12	T036	3.8103684	101.3638381	MD TANJUNG MALIM
16	FDP 13	T039	3.810768	101.36474	MD TANJUNG MALIM
17	FDP 14	T042	3.8112847	101.3654735	MD TANJUNG MALIM
18	CL 1	T015	3.8075531	101.3627559	MD TANJUNG MALIM
19	CL 2	T016	3.806583	101.3625607	MD TANJUNG MALIM
20	CL3	T017	3.808805	101.3630266	MD TANJUNG MALIM
21	T002	T002	3.807793	101.3635929	JKR MUALLIM
22	T004	T004	3.8076389	101.3630269	JKR MUALLIM
23	T005	T005	3.8075509	101.3627536	JKR MUALLIM
24	T007	T007	3.8074202	101.3623252	JKR MUALLIM
25	T008	T008	3.8071917	101.3623739	MD TANJUNG MALIM
26	T010	T010	3.8065882	101.3625615	MD TANJUNG MALIM
27	T011	T011	3.8064811	101.3622227	MD TANJUNG MALIM
28	T013	T013	3.8062653	101.3626651	MD TANJUNG MALIM
29	T015	T015	3.8058229	101.3624147	MD TANJUNG MALIM
30	T017	T017	3.807879	101.36267	MD TANJUNG MALIM
31	T018	T018	3.8081747	101.3625941	MD TANJUNG MALIM
32	T019	T019	3.8084771	101.3624931	MD TANJUNG MALIM
33	T020	T020	3.8086902	101.3626698	MD TANJUNG MALIM
34	T022	T022	3.8088749	101.3633459	MD TANJUNG MALIM
35	T023	T023	3.8089463	101.3636531	MD TANJUNG MALIM
36	T024	T024	3.8090184	101.3639716	MD TANJUNG MALIM
37	T025	T025	3.8091235	101.364282	MD TANJUNG MALIM
38	T027	T027	3.8092569	101.3647827	MD TANJUNG MALIM
39	T028	T028	3.8093231	101.365057	MD TANJUNG MALIM
40	T029	T029	3.809388	101.3653221	MD TANJUNG MALIM
41	T032	T032	3.8095628	101.3628123	MD TANJUNG MALIM
42	T034	T034	3.810043	101.3631484	MD TANJUNG MALIM



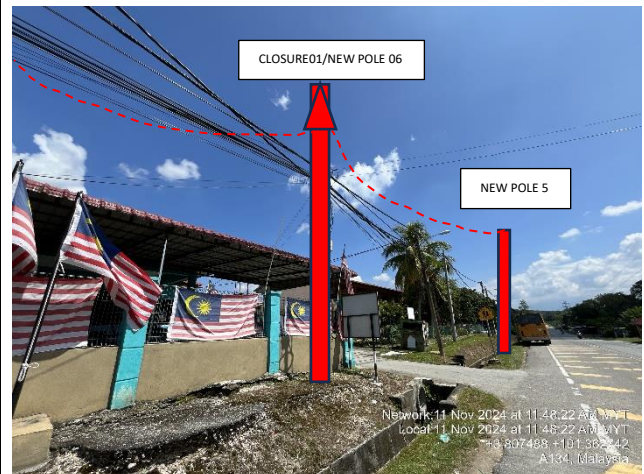
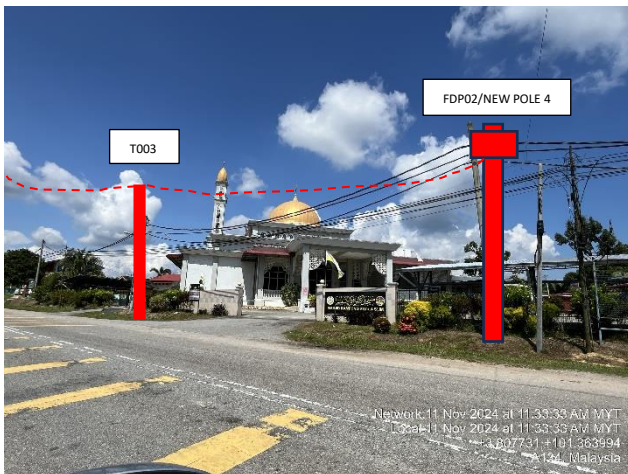
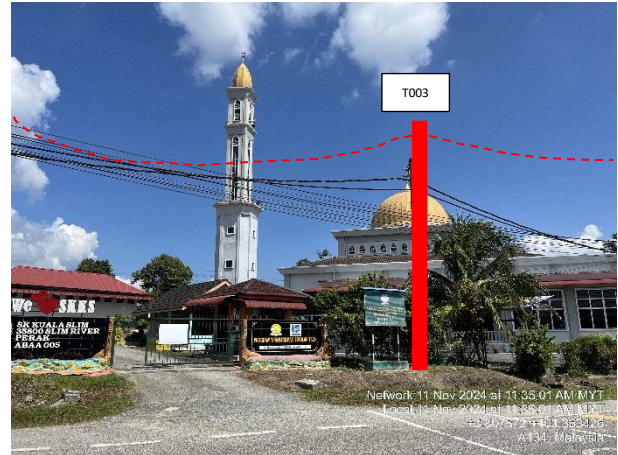
PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN
SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI
SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA
(KKMM.400-11/17/132(1))

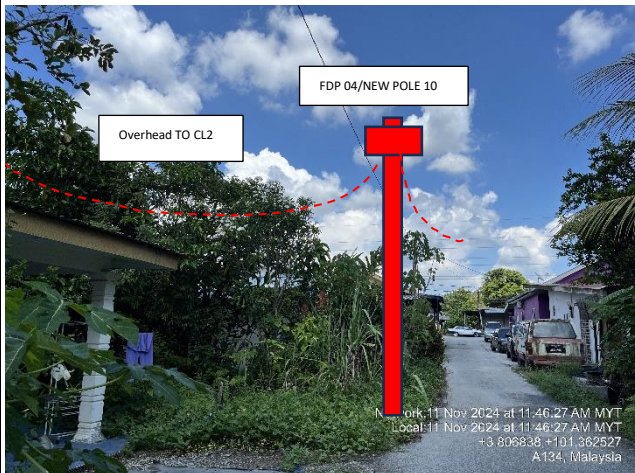
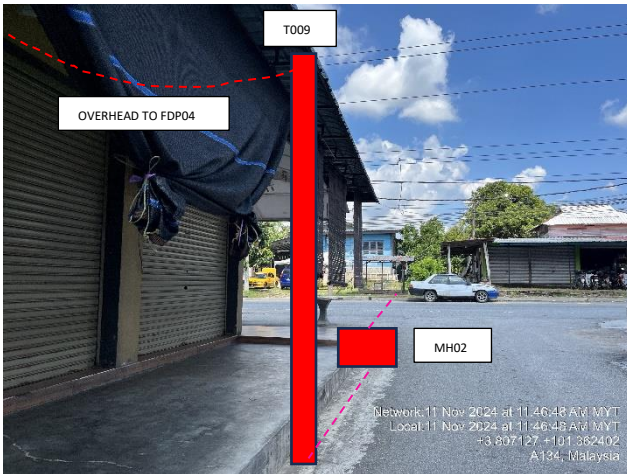
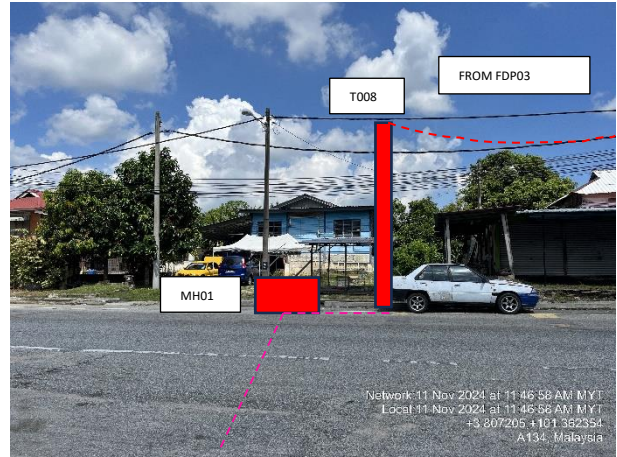
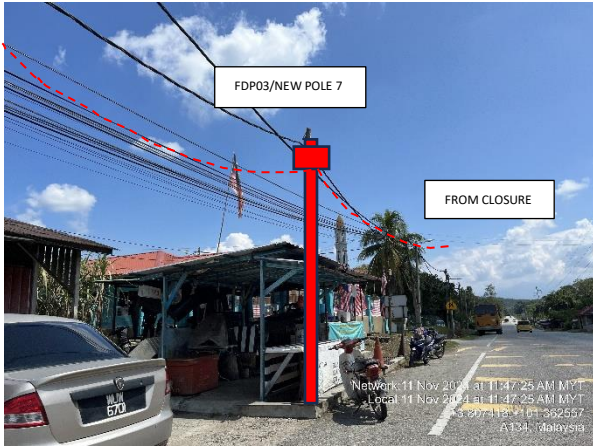


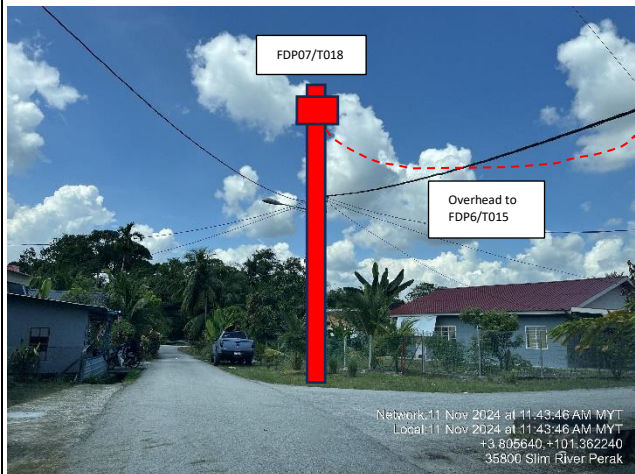
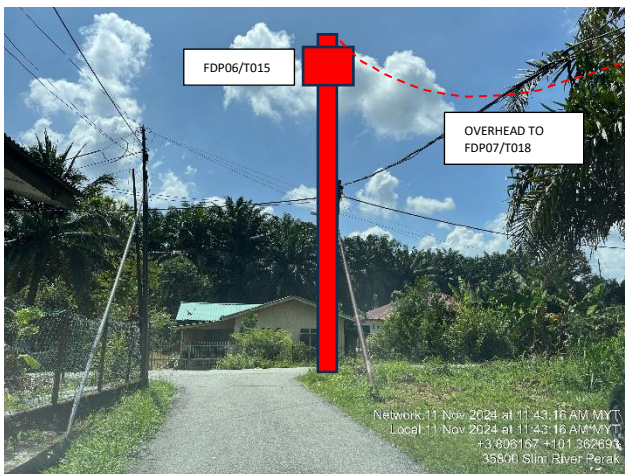
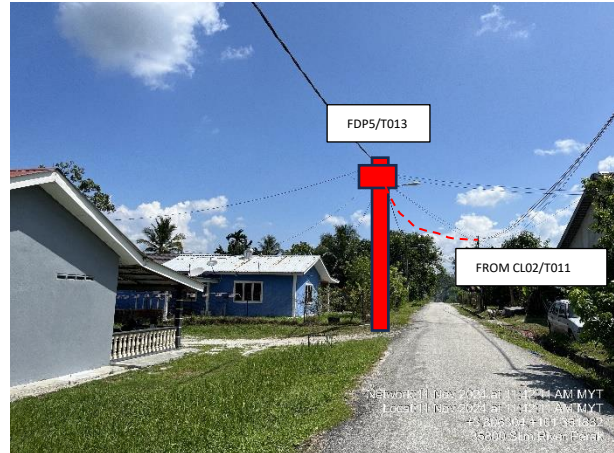
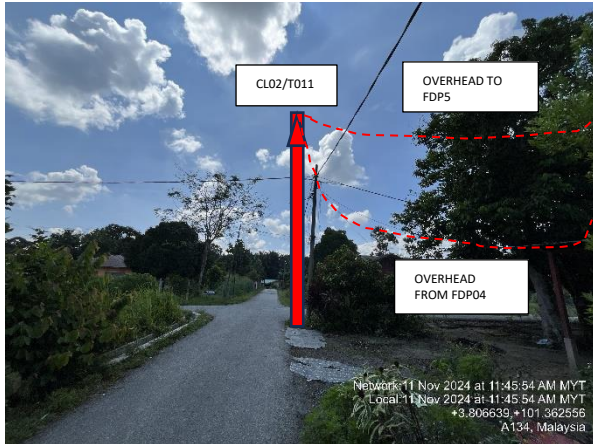
A member of OCK Group Berhad

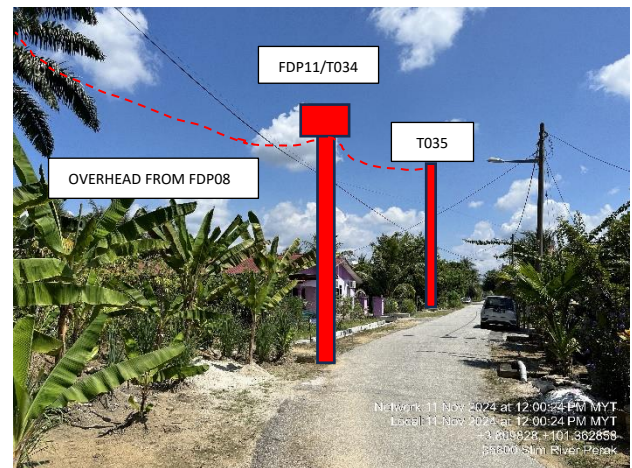
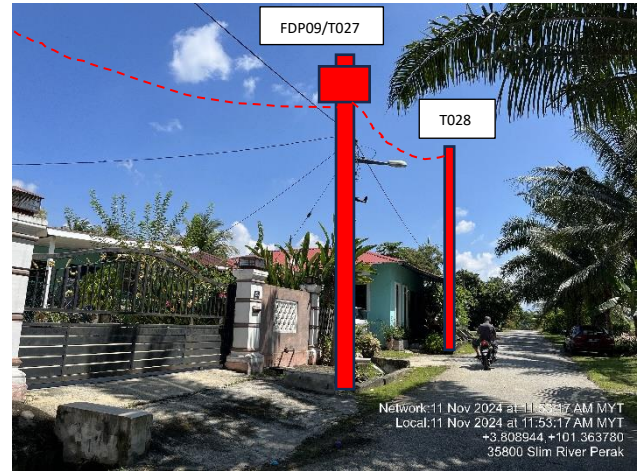
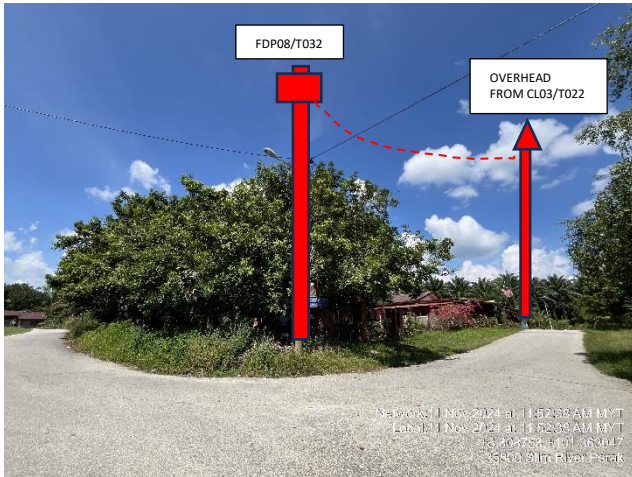
43	T035	T035	3.8102141	101.3635084	MD TANJUNG MALIM
44	T037	T037	3.8104898	101.3641411	MD TANJUNG MALIM
45	T038	T038	3.8106508	101.3645063	MD TANJUNG MALIM
46	T040	T040	3.8108638	101.3650227	MD TANJUNG MALIM
47	T041	T041	3.8110486	101.3652815	MD TANJUNG MALIM

5.0 SITE PHOTO – PROPOSED NEW POLE



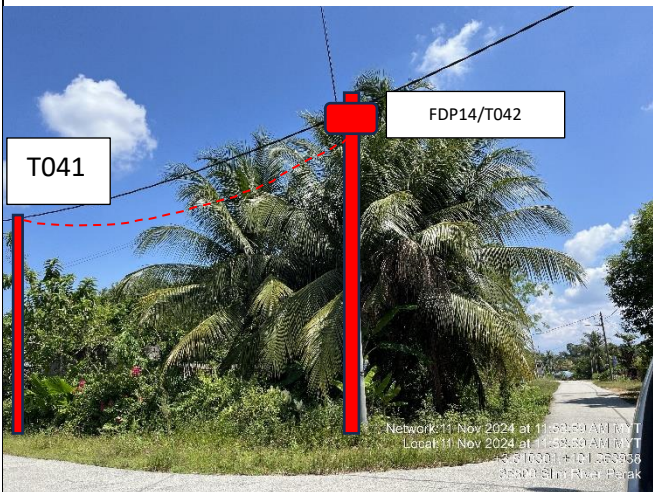
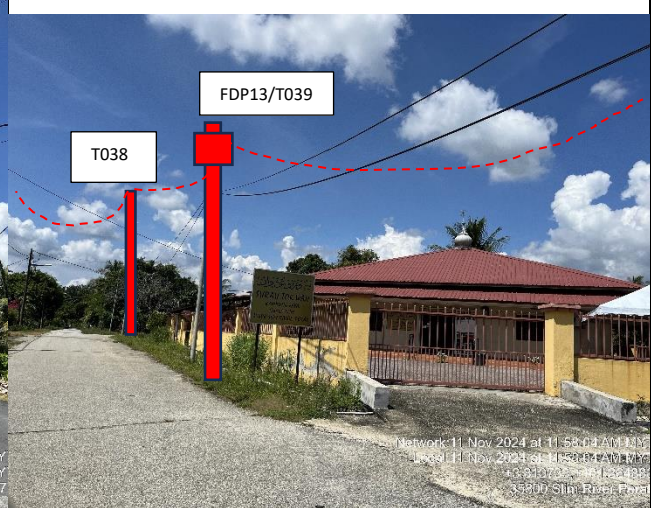
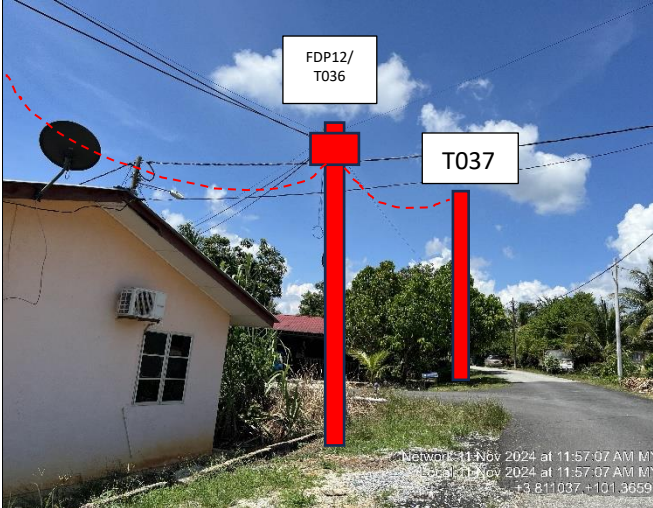










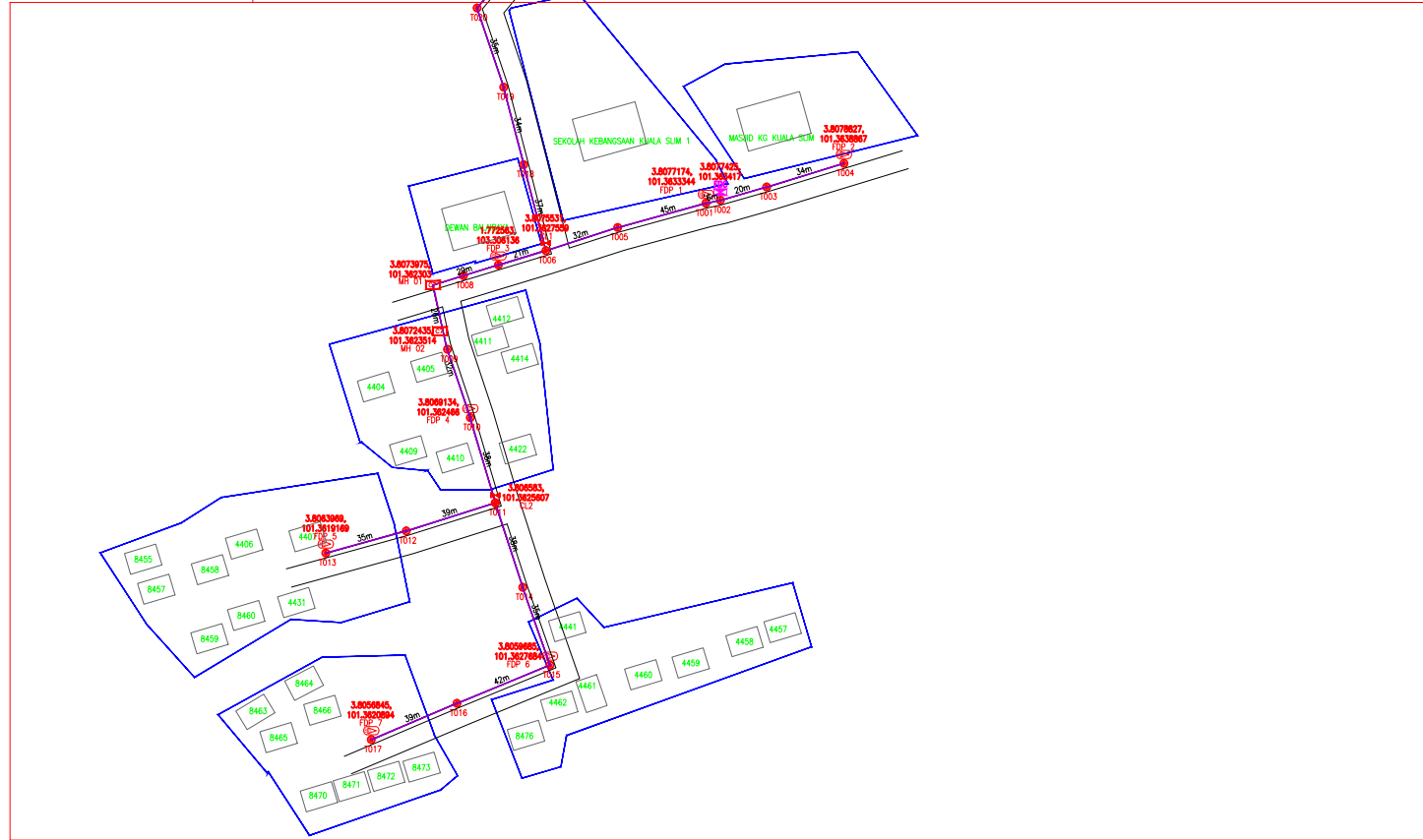
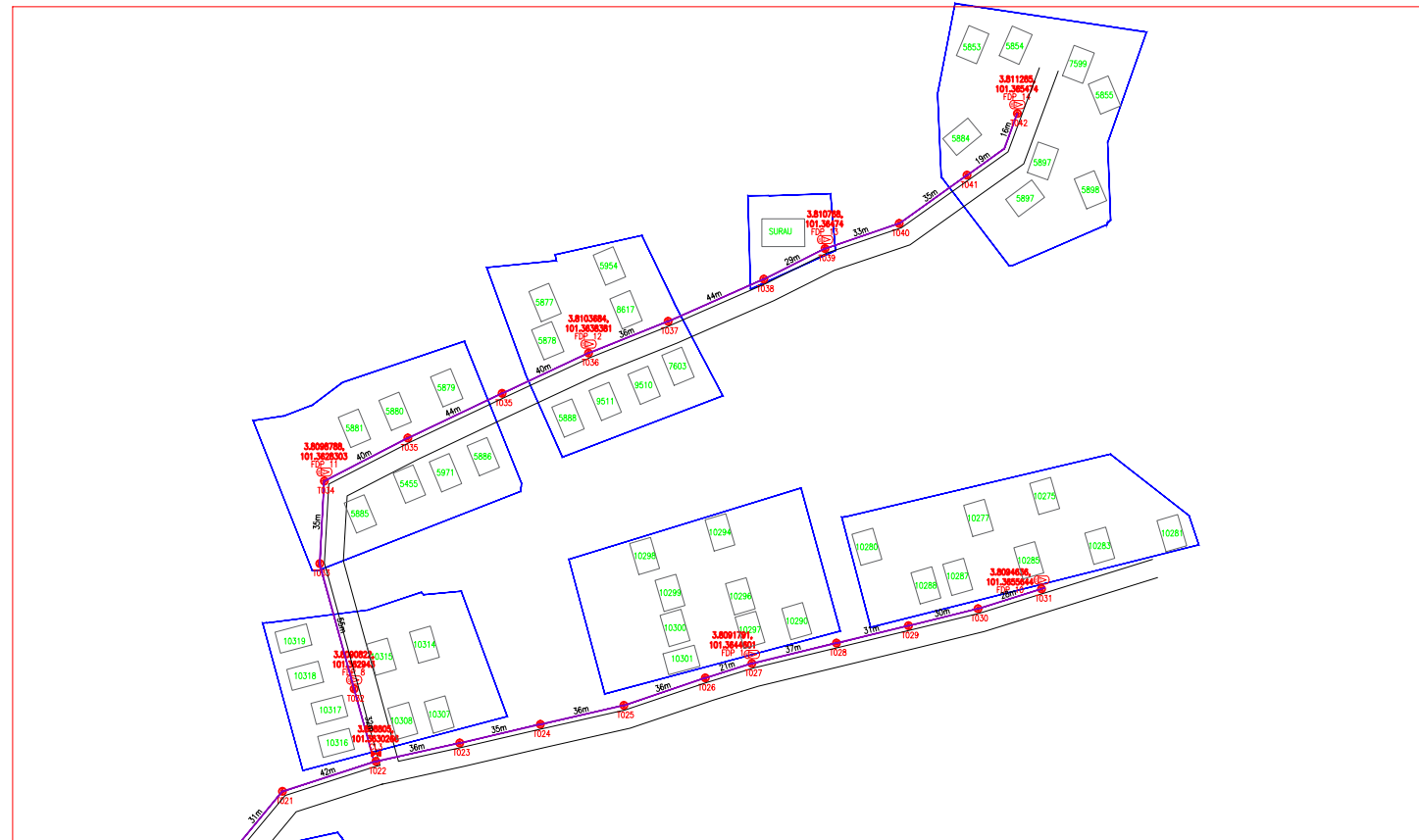
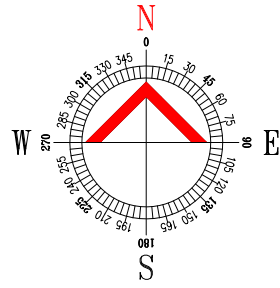
PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)
FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN
SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI
SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA
(KKMM.400-11/17/132(1))



	<p>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))</p>	 A member of OCK Group Berhad
---	--	---

6.0 3rd PARTIES DEPENDENCIES

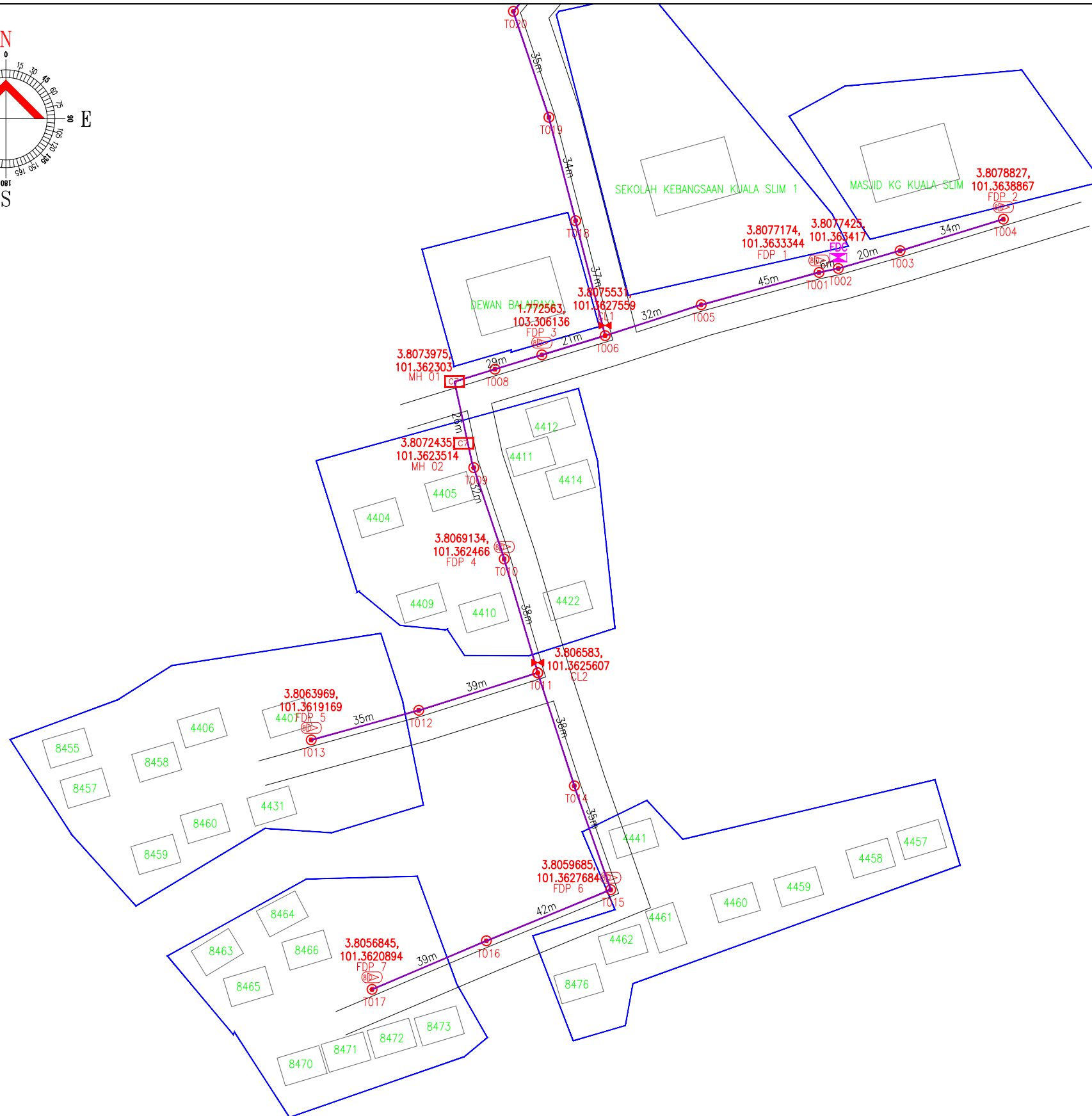
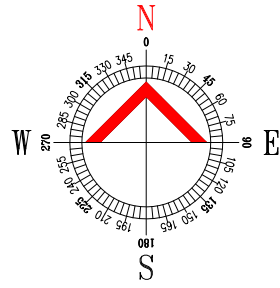
NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	NA	NA



LEGEND	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.
	12C FOC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big
	24C FOC		Installed Riser		House Number		Existing Manhole
	48C FOC		Suspension Big		Existing TNB Pole		Closure NO.
	96C FOC		Suspension Small		LOOP		FDP NO.
	144C FOC		FDC		FDP Boundary		FDC NO.
			Installed 1:4 splitter in FDC		Installed Pole (7.5M)		MH NO.
			FDP with (1:8) splitter		Installed Pole (9m)		Existing TNB Pole NO.
			Closure		Installed Riser		New Pole NO.
			New Manhole (PIT)		Suspension Big		SEE A-A in this page
			Installed Pole (7.5M)		Suspension Small		SEE SHEET XXX

ACTUAL HOMEPASS :

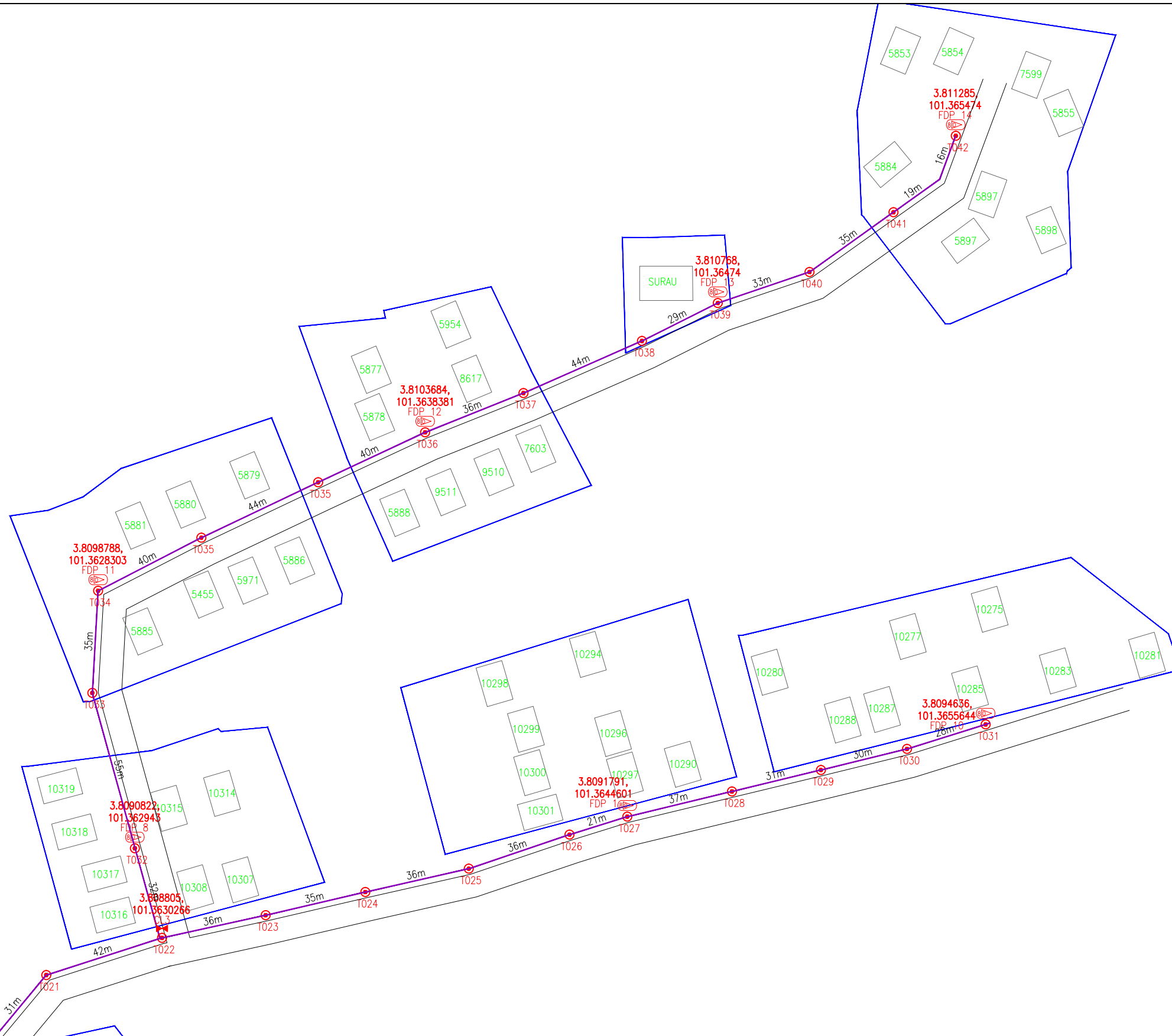
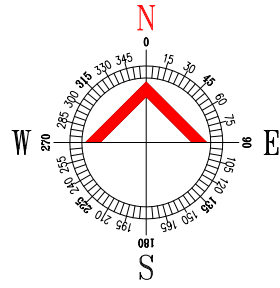
KEY PLAN : POP2 PROJECT IN PERAK	 	 A member of OCK Group Berhad	SUB-CONTRACTOR : CONTRACTOR FOR SURVEY, TECHNICAL PROPOSAL AND WAYLEAVE, & PERMIT APPROVAL -POP2 PROJECT	PROJECT TITLE: SINGLE LINE DRAWING ABAA005 SEKOLAH KEBANGSAAN KUALA SLIM 1	DRAWING TITLE:	Design By : FR	Date : 13/11/2024
					DRAWING NUMBER : ABAA005-CD-01	Drawn By : FR Checked By : NIZAM	Scale : N.T.S Job Number : JOB_NUMBER
PROJECT PHASE: POP2					THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF APEX CONSTRUCTION SDN BHD	Sheet : INDEX Size : A3	



LEGEND	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	
	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		Suspension Big		Existing TNB Pole		Closure NO.		New Pole NO.
	96C FOC		Suspension Small		LOOP		FDP NO.		SEE SHEET XXX
	144C FOC		Installed Pole (7.5M)		FDP Boundary		FDC NO.		SEE SHEET XXX

ACTUAL HOMEPASS :

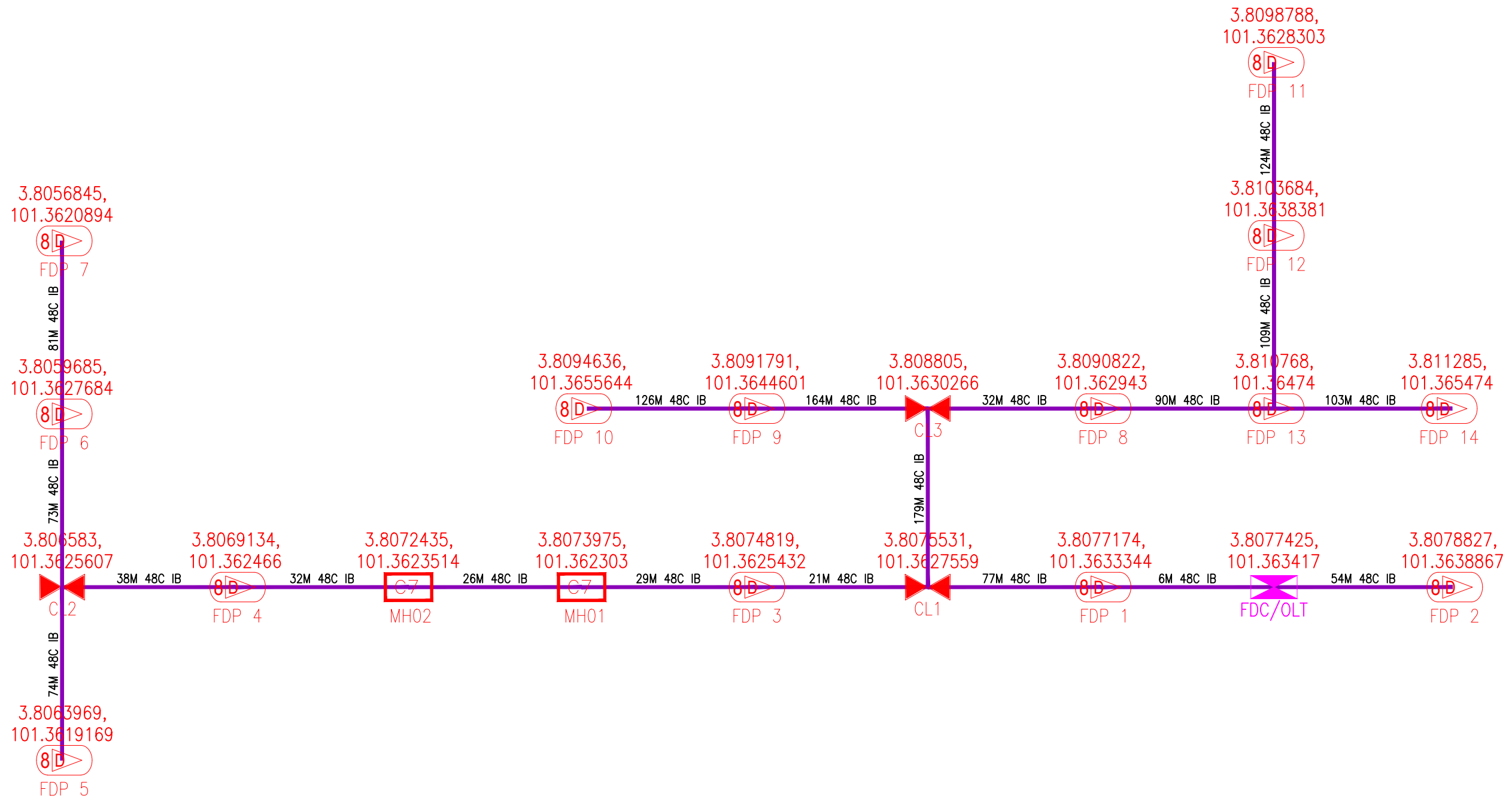
KEY PLAN : POP2 PROJECT IN PERAK	MAIN CONTRACTOR 	SUB-CONTRACTOR : A member of OCK Group Berhad	PROJECT TITLE: CONTRACTOR FOR SURVEY, TECHNICAL PROPOSAL AND WAYLEAVE,& PERMIT APPROVAL -POP2 PROJECT	DRAWING TITLE: SINGLE LINE DRAWING ABAA005 SEKOLAH KEBANGSAAN KUALA SLIM 1 PROJECT PHASE: POP2	Design By : FR	Date : 13/11/2024
					Drawn By : FR	Scale : N.T.S
Checked By : NIZAM					Job Number : JOB_NUMBER	
DRAWING NUMBER : ABAA005-CD-01					Sheet : 01/02	
THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF APEX CONSTRUCTION SDN BHD					Size : A3	



LEGEND	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.
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	TKS-1	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
144C FOC	Installed Pole (7.5M)	FDC	○	FDP Boundary	FDC	FDC NO.	(A)	SEE SHEET XXX

ACTUAL HOMEPASS :

KEY PLAN : POP2 PROJECT IN PERAK	 	MAIN CONTRACTOR	 A member of OCK Group Berhad	SUB-CONTRACTOR :	PROJECT TITLE: CONTRACTOR FOR SURVEY, TECHNICAL PROPOSAL AND WAYLEAVE,& PERMIT APPROVAL -POP2 PROJECT	DRAWING TITLE: SINGLE LINE DRAWING ABAA005 SEKOLAH KEBANGSAAN KUALA SLIM 1	Design By : FR	Date : 13/11/2024
						PROJECT PHASE: POP2	Drawn By : FR	Scale : N.T.S
DRAWING NUMBER : ABAA005-CD-01							Checked By : NIZAM	Job Number : JOB_NUMBER
THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF APEX CONSTRUCTION SDN BHD							Sheet : 02/02	Size : A3



LEGEND	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	
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	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.	(A)	SEE A-A in this page
144C FOC	Installed Pole (7.5M)	FDC	(A)	FDP Boundary	FDC	FDC NO.	(A)	SEE SHEET XXX

ACTUAL HOMEPASS :

KEY PLAN : POP2 PROJECT IN PERAK	 	MAIN CONTRACTOR	 A member of OCK Group Berhad	SUB-CONTRACTOR :	PROJECT TITLE: CONTRACTOR FOR SURVEY, TECHNICAL PROPOSAL AND WAYLEAVE,& PERMIT APPROVAL -POP2 PROJECT	DRAWING TITLE: SINGLE LINE DRAWING ABAA005 SEKOLAH KEBANGSAAN KUALA SLIM 1	Design By : FR	Date : 13/11/2024
						PROJECT PHASE: POP2	Drawn By : FR	Scale : N.T.S
DRAWING NUMBER : ABAA005-SLD-01							Checked By : NIZAM	Job Number : JOB_NUMBER
THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF APEX CONSTRUCTION SDN BHD							Sheet : 1/1	Size : A3