

TECHNICAL PROPOSAL

POP2 AHAA001 KOLEJ VOKASIONAL SLIM RIVER (D-SIDE)

Company Name	:	STEADCOM SDN BHD
Company Address	:	11-3, Jalan Puteri 2/6, Bandar Puteri, 47100 Puchong, Selangor
Prepared By	:	Fariz Aizat
Date	:	13/11/2024



POINT A

POINT B

Starting Point

Site / Boundary Name	:	KOLEJ VOKASIONAL SLIM RIVER
Address	:	Jalan Melati, 35800 Slim River, Perak.
District	:	Slim River
Postcode	:	35800
State	:	Perak
GPS Coordinate	:	3.82396, 101.39783
LRD	:	A

End Point

Site / Boundary Name	:	KOLEJ VOKASIONAL SLIM RIVER
Address	:	Jalan Mawar, Taman Seroja 35800 Slim River, Perak.
District	:	Slim River
Postcode	:	35800
State	:	Perak
GPS Coordinate	:	3.82507, 101.39793
LRD	:	B

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	0
	Total		0

	Other Information	Unit	Qty
1	Proposed Manhole	EA	0
2	Proposed Pole	EA	63
3	Joint Closure	EA	3
4	Estimated time required for completion	days	30

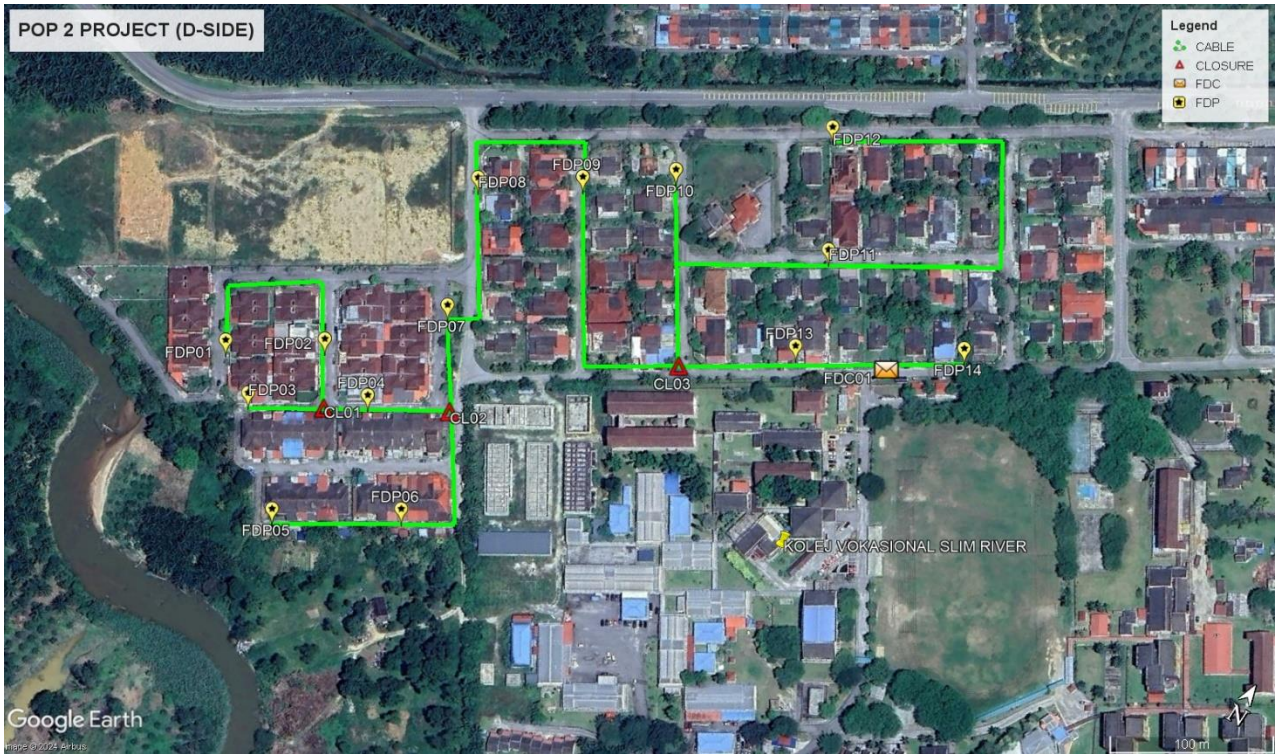
Local Authority Summary

1. Daerah Tanjung Malim

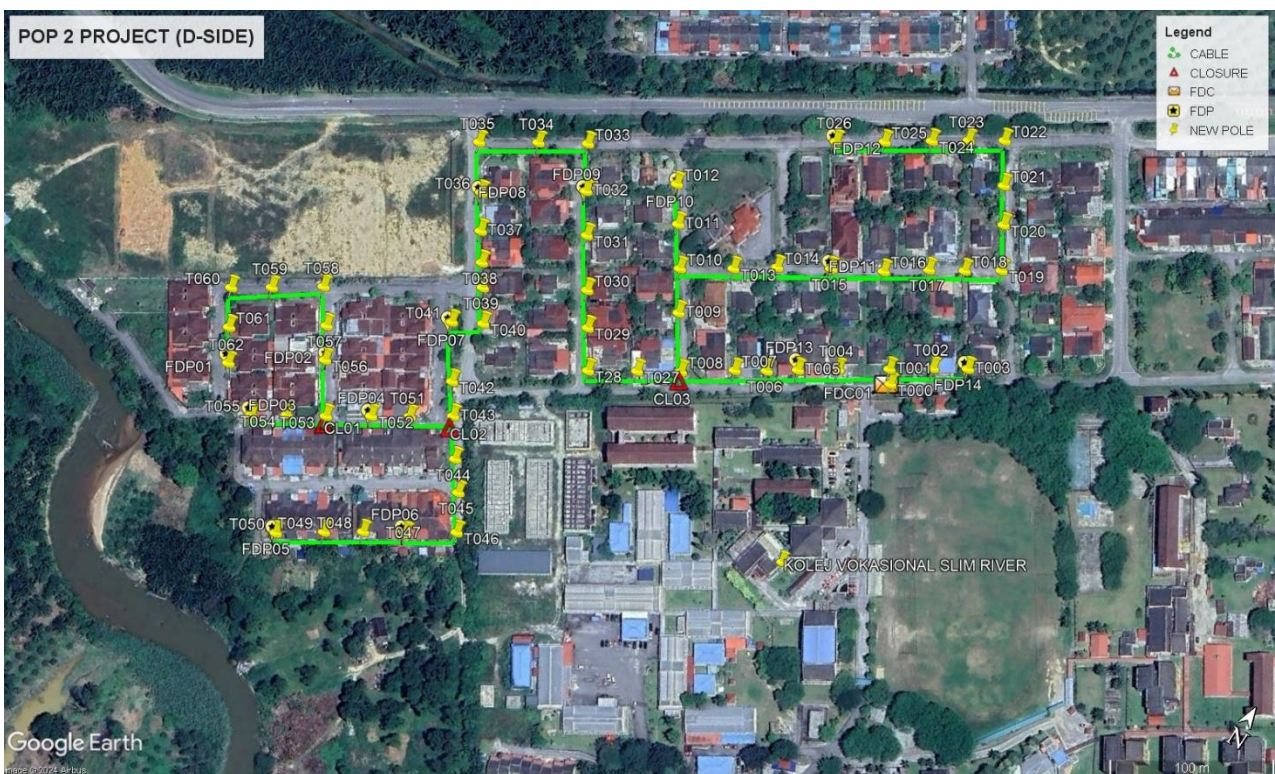
Bil	Items	Owner	Quantity	Distance(m)
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	-	-
		Majlis	63PCS	1709m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				1709m

Site Plan – KMZ (Overview site area)

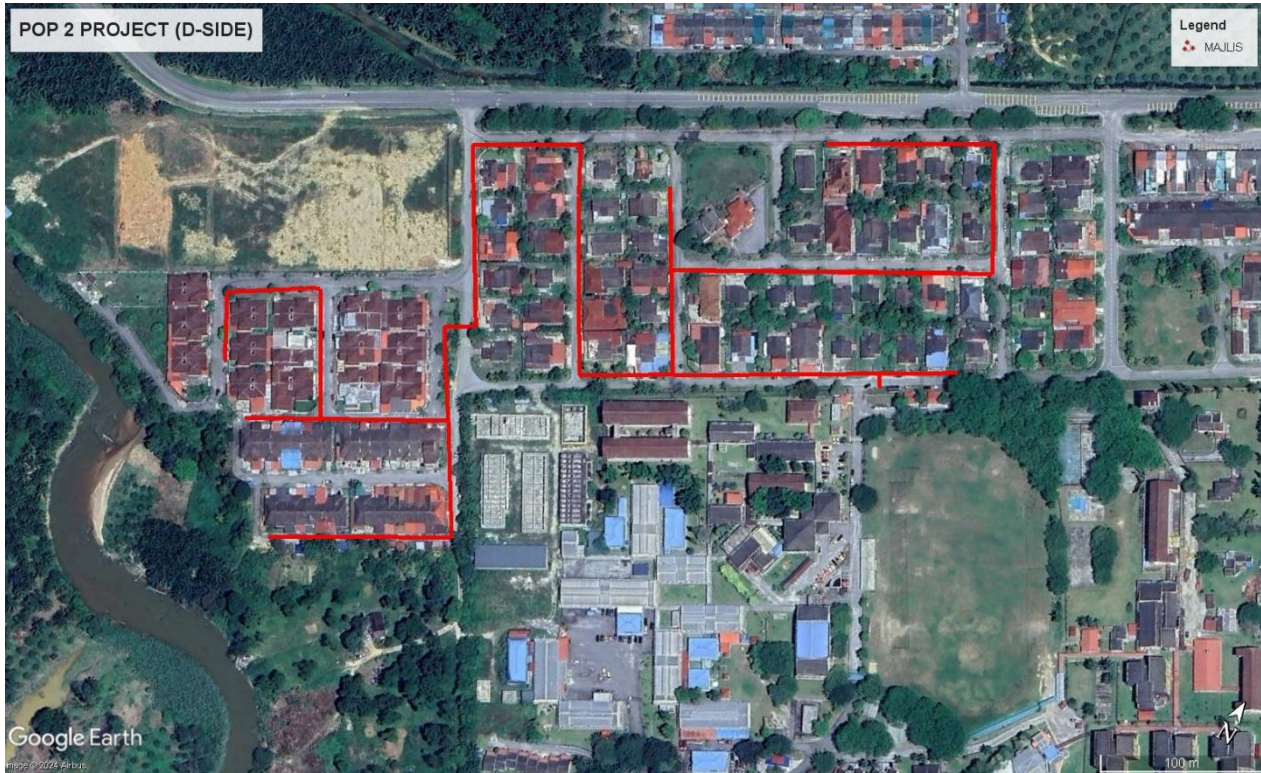
Proposed FDP and Closure



Proposed New Pole



Site Plan – KMZ Routing (All Local Authority)



Green Colour – JKR

Red Colour – Majlis Daerah Tanjong Malim

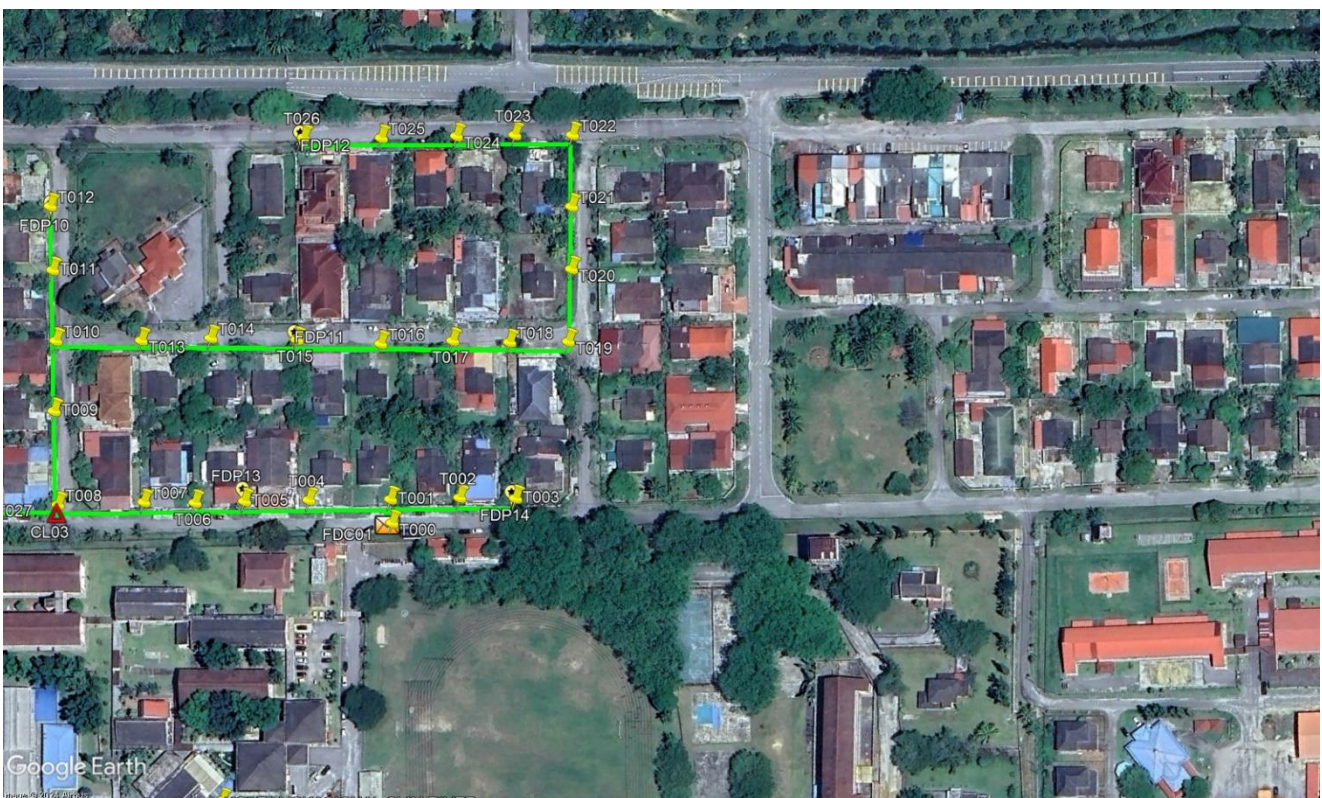
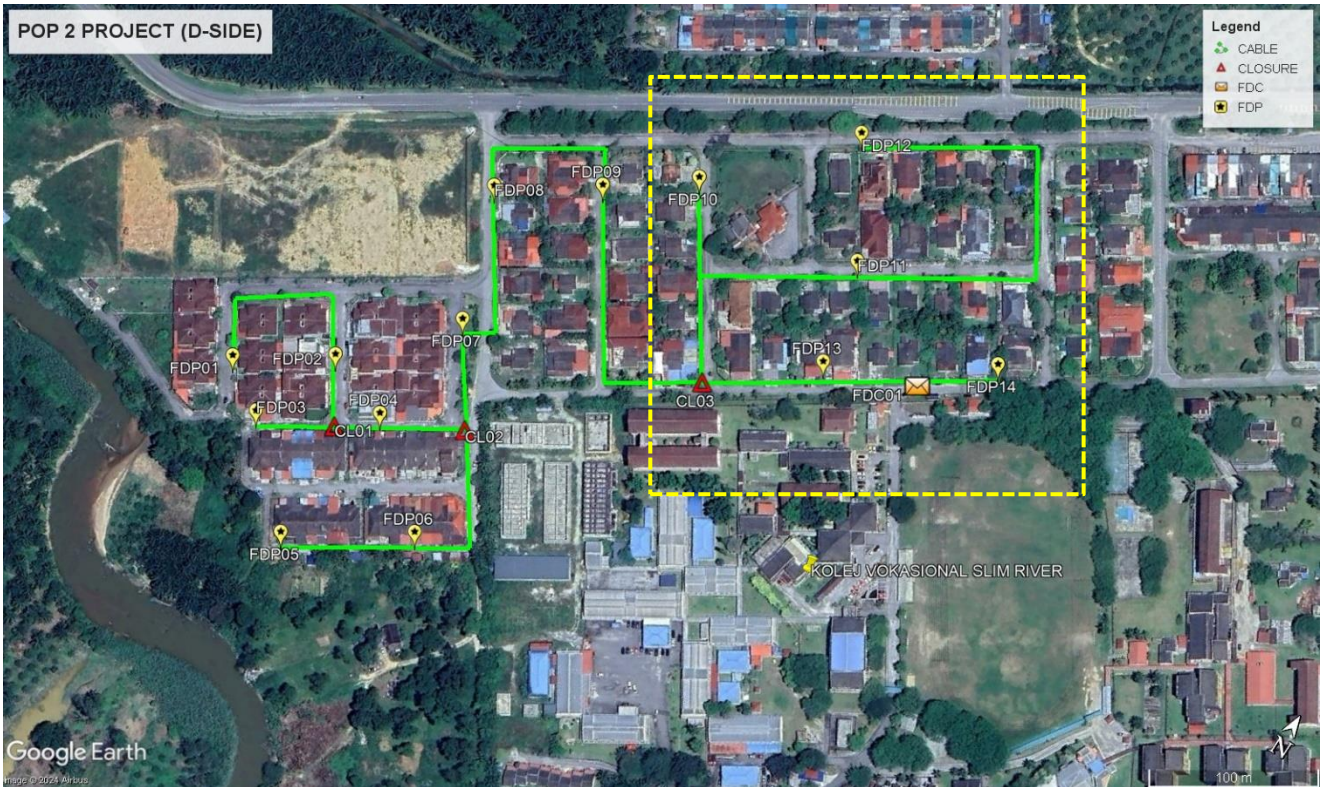
Site Plan – KMZ Routing (All site area)

Route 1



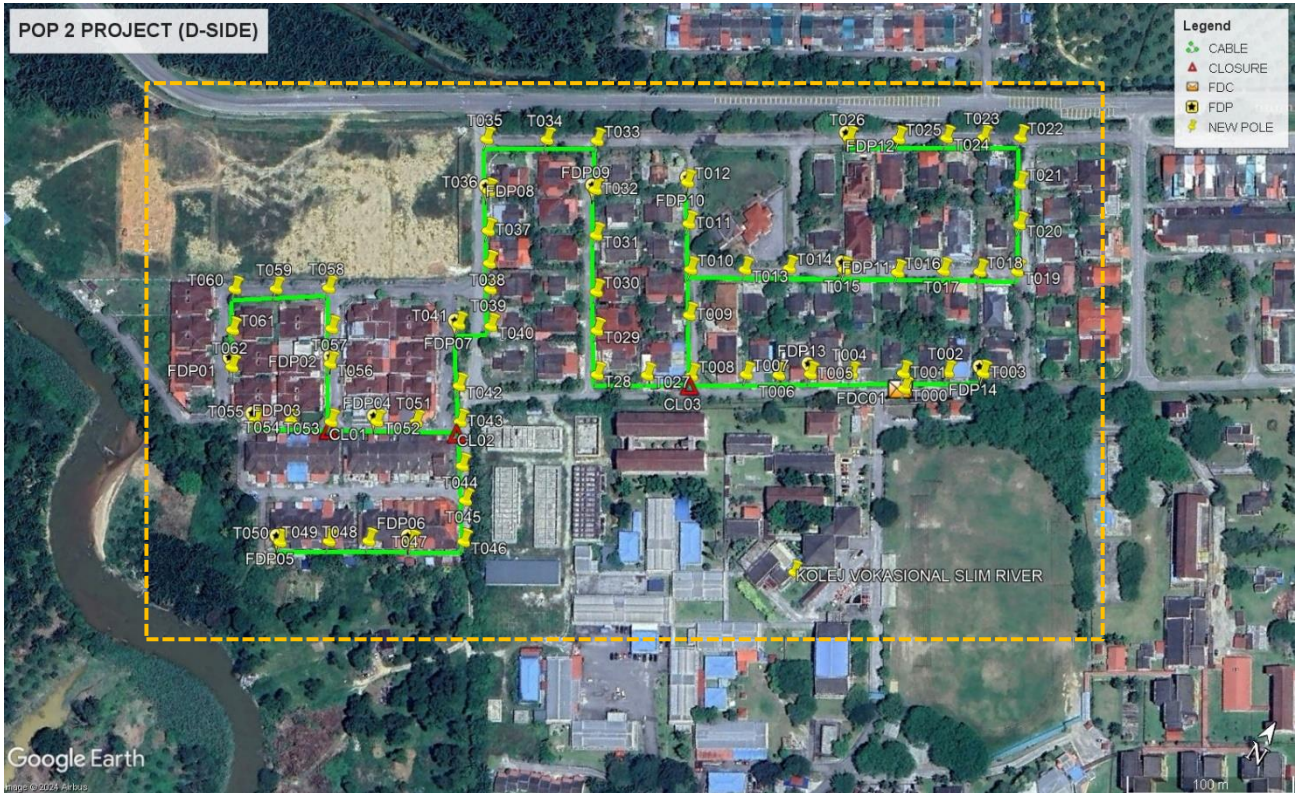
Route 1.1

Route 2



Route 2.1

Site Plan – KMZ Routing (Proposed new Pole)



Proposed New Pole Lat & Long Table

No.	Label	Pole & Manhole ID	Latitude	Longitude	Local Authority
1	OLT / FDC	T000	3.823985	101.397803	MAJLIS DAERAH TANJUNG MALIM
2	FDP01	T062	3.822129	101.394671	MAJLIS DAERAH TANJUNG MALIM
3	FDP02	T056	3.822429	101.395111	MAJLIS DAERAH TANJUNG MALIM
4	FDP03	T055	3.821954	101.394932	MAJLIS DAERAH TANJUNG MALIM
5	FDP04	T051	3.822414	101.395670	MAJLIS DAERAH TANJUNG MALIM
6	FDP05	T050	3.821480	101.395396	MAJLIS DAERAH TANJUNG MALIM
7	FDP06	T047	3.821859	101.395998	MAJLIS DAERAH TANJUNG MALIM
8	FDP07	T041	3.822980	101.395585	MAJLIS DAERAH TANJUNG MALIM
9	FDP08	T037	3.823487	101.395448	MAJLIS DAERAH TANJUNG MALIM
10	FDP09	T031	3.823780	101.395954	MAJLIS DAERAH TANJUNG MALIM
11	FDP10	T012	3.824284	101.396218	MAJLIS DAERAH TANJUNG MALIM
12	FDP11	T015	3.824346	101.397185	MAJLIS DAERAH TANJUNG MALIM
13	FDP12	T026	3.824951	101.396830	MAJLIS DAERAH TANJUNG MALIM
14	FDP13	T005	3.823777	101.397332	MAJLIS DAERAH TANJUNG MALIM
14	FDP14	T003	3.824284	101.398116	MAJLIS DAERAH TANJUNG MALIM
15	CL01	T053	3.822170	101.395282	MAJLIS DAERAH TANJUNG MALIM
16	CL02	T043	3.822545	101.395871	MAJLIS DAERAH TANJUNG MALIM
17	CL03	T008	3.823424	101.396794	MAJLIS DAERAH TANJUNG MALIM

Overall Pole (Proposed New)

No.	Pole & Manhole ID	Distance	Latitude	Longitude	Local Authority
1	T000	0	3.823985	101.397803	MAJLIS DAERAH TANJUNG MALIM
2	T001	15	3.824052	101.397754	MAJLIS DAERAH TANJUNG MALIM
3	T002	25	3.824183	101.397952	MAJLIS DAERAH TANJUNG MALIM
4	T003	25	3.824284	101.398116	MAJLIS DAERAH TANJUNG MALIM
5	T004	30	3.823899	101.397517	MAJLIS DAERAH TANJUNG MALIM
6	T005	25	3.823777	101.397332	MAJLIS DAERAH TANJUNG MALIM
7	T006	20	3.823682	101.397190	MAJLIS DAERAH TANJUNG MALIM
8	T007	25	3.823590	101.397040	MAJLIS DAERAH TANJUNG MALIM
9	T008	30	3.823424	101.396794	MAJLIS DAERAH TANJUNG MALIM
10	T009	30	3.823691	101.396609	MAJLIS DAERAH TANJUNG MALIM
11	T010	35	3.823913	101.396474	MAJLIS DAERAH TANJUNG MALIM
12	T011	25	3.824102	101.396343	MAJLIS DAERAH TANJUNG MALIM
13	T012	25	3.824284	101.396218	MAJLIS DAERAH TANJUNG MALIM
14	T013	30	3.824058	101.396732	MAJLIS DAERAH TANJUNG MALIM
15	T014	30	3.824193	101.396931	MAJLIS DAERAH TANJUNG MALIM
16	T015	30	3.824346	101.397185	MAJLIS DAERAH TANJUNG MALIM
17	T016	30	3.824489	101.397437	MAJLIS DAERAH TANJUNG MALIM
18	T017	30	3.824630	101.397641	MAJLIS DAERAH TANJUNG MALIM
19	T018	25	3.824730	101.397810	MAJLIS DAERAH TANJUNG MALIM
20	T019	25	3.824841	101.397980	MAJLIS DAERAH TANJUNG MALIM
21	T020	30	3.825059	101.397854	MAJLIS DAERAH TANJUNG MALIM
22	T021	25	3.825242	101.397738	MAJLIS DAERAH TANJUNG MALIM
23	T022	30	3.825453	101.397608	MAJLIS DAERAH TANJUNG MALIM
24	T023	20	3.825347	101.397440	MAJLIS DAERAH TANJUNG MALIM
25	T024	25	3.825237	101.397273	MAJLIS DAERAH TANJUNG MALIM
26	T025	25	3.825093	101.397056	MAJLIS DAERAH TANJUNG MALIM
27	T026	35	3.824951	101.396830	MAJLIS DAERAH TANJUNG MALIM
28	T027	28	3.823298	101.396590	MAJLIS DAERAH TANJUNG MALIM
29	T028	30	3.823155	101.396361	MAJLIS DAERAH TANJUNG MALIM
30	T029	25	3.823353	101.396232	MAJLIS DAERAH TANJUNG MALIM
31	T030	30	3.823526	101.396118	MAJLIS DAERAH TANJUNG MALIM
32	T031	30	3.823780	101.395954	MAJLIS DAERAH TANJUNG MALIM
33	T032	35	3.823983	101.395818	MAJLIS DAERAH TANJUNG MALIM
34	T033	30	3.824209	101.395686	MAJLIS DAERAH TANJUNG MALIM
35	T034	30	3.824068	101.395454	MAJLIS DAERAH TANJUNG MALIM
36	T035	35	3.823895	101.395177	MAJLIS DAERAH TANJUNG MALIM
37	T036	30	3.823667	101.395337	MAJLIS DAERAH TANJUNG MALIM
38	T037	25	3.823487	101.395448	MAJLIS DAERAH TANJUNG MALIM
39	T038	25	3.823344	101.395547	MAJLIS DAERAH TANJUNG MALIM
40	T039	25	3.823230	101.395626	MAJLIS DAERAH TANJUNG MALIM
41	T040	25	3.823065	101.395736	MAJLIS DAERAH TANJUNG MALIM
42	T041	20	3.822980	101.395585	MAJLIS DAERAH TANJUNG MALIM
43	T042	30	3.822704	101.395763	MAJLIS DAERAH TANJUNG MALIM
44	T043	25	3.822545	101.395871	MAJLIS DAERAH TANJUNG MALIM
45	T044	28	3.822352	101.396008	MAJLIS DAERAH TANJUNG MALIM

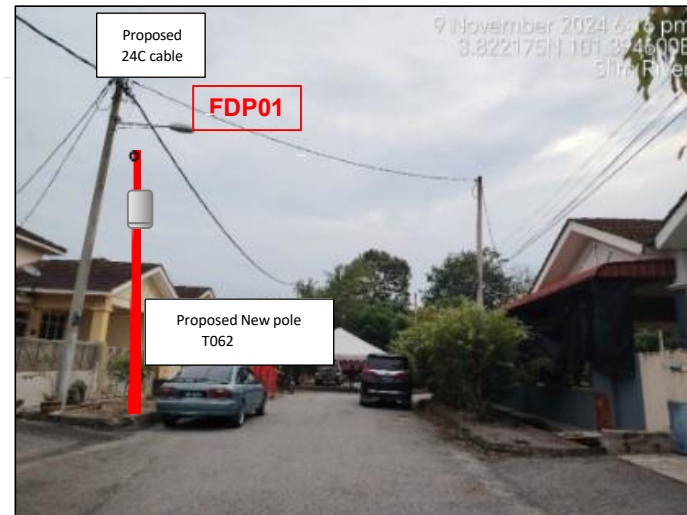


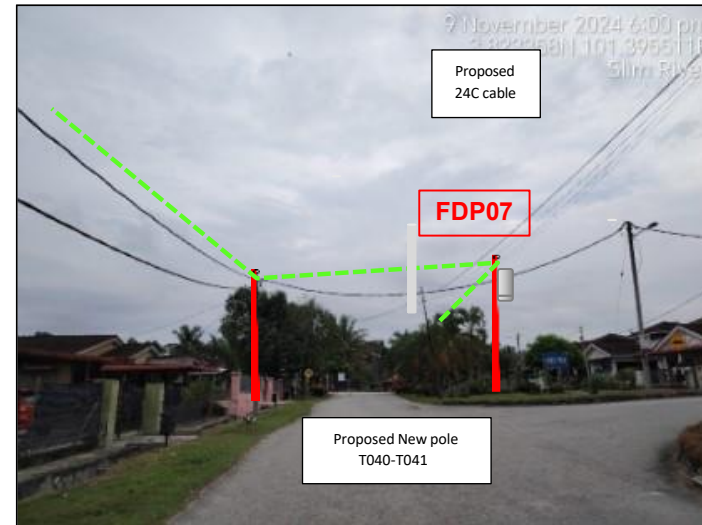
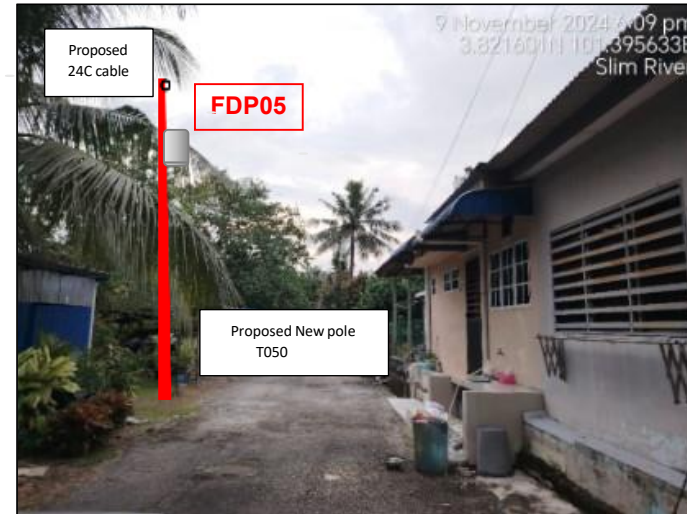
PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA (KKMM.400-11/17/132(1))

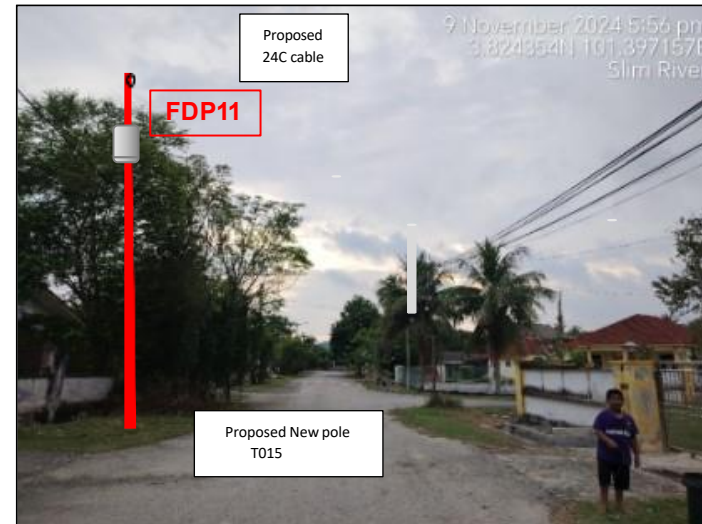
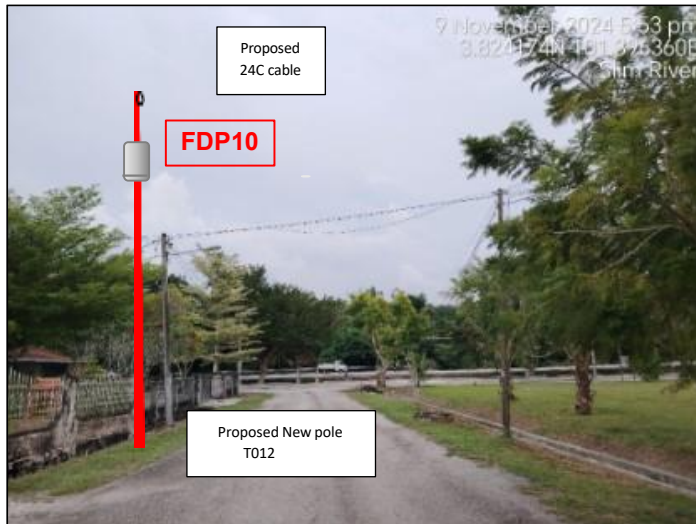
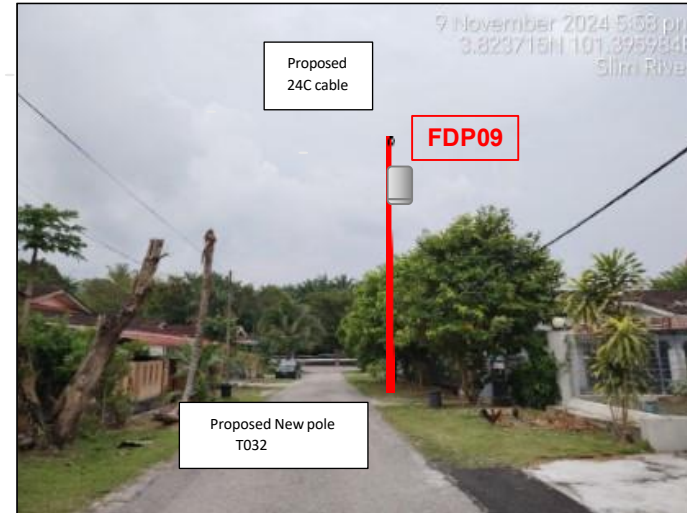
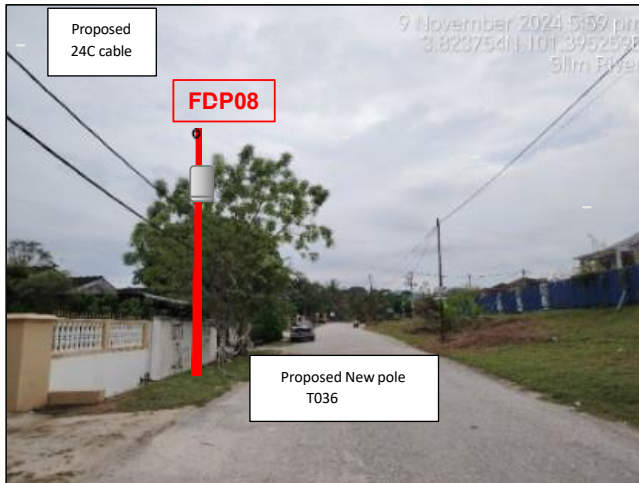


46	T045	25	3.822205	101.396121	MAJLIS DAERAH TANJUNG MALIM
47	T046	28	3.822016	101.396233	MAJLIS DAERAH TANJUNG MALIM
48	T047	30	3.821859	101.395998	MAJLIS DAERAH TANJUNG MALIM
49	T048	30	3.821743	101.395797	MAJLIS DAERAH TANJUNG MALIM
50	T049	30	3.821627	101.395617	MAJLIS DAERAH TANJUNG MALIM
51	T050	30	3.821480	101.395396	MAJLIS DAERAH TANJUNG MALIM
52	T051	30	3.822414	101.395670	MAJLIS DAERAH TANJUNG MALIM
53	T052	25	3.822304	101.395491	MAJLIS DAERAH TANJUNG MALIM
54	T053	25	3.822170	101.395282	MAJLIS DAERAH TANJUNG MALIM
55	T054	20	3.822060	101.395097	MAJLIS DAERAH TANJUNG MALIM
56	T055	30	3.821954	101.394932	MAJLIS DAERAH TANJUNG MALIM
57	T056	35	3.822429	101.395111	MAJLIS DAERAH TANJUNG MALIM
58	T057	20	3.822592	101.395016	MAJLIS DAERAH TANJUNG MALIM
59	T058	30	3.822765	101.394885	MAJLIS DAERAH TANJUNG MALIM
60	T059	30	3.822608	101.394648	MAJLIS DAERAH TANJUNG MALIM
61	T060	30	3.822488	101.394460	MAJLIS DAERAH TANJUNG MALIM
62	T061	30	3.822298	101.394568	MAJLIS DAERAH TANJUNG MALIM
63	T062	25	3.822129	101.394671	MAJLIS DAERAH TANJUNG MALIM

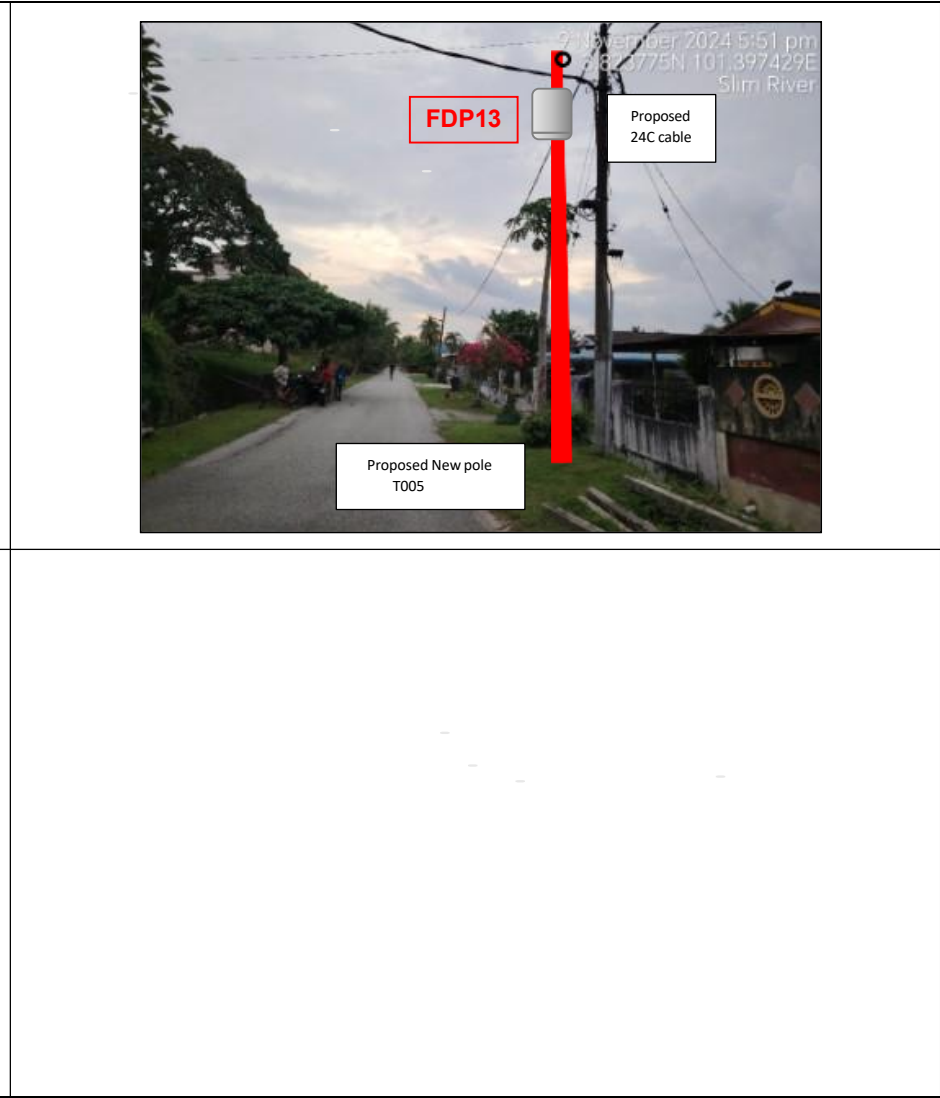
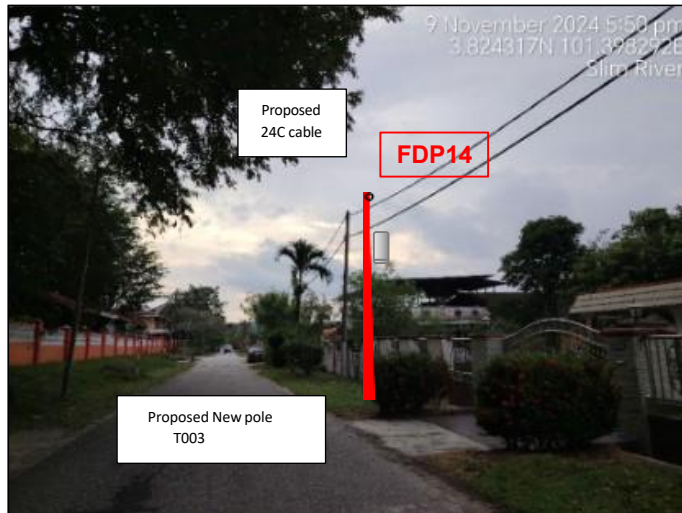
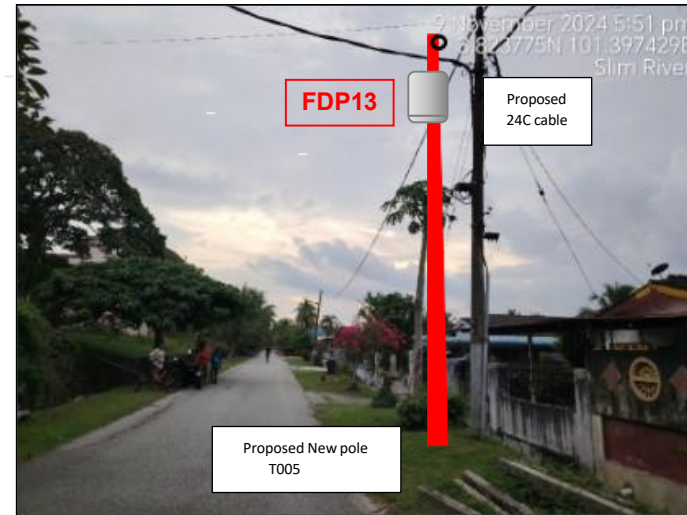
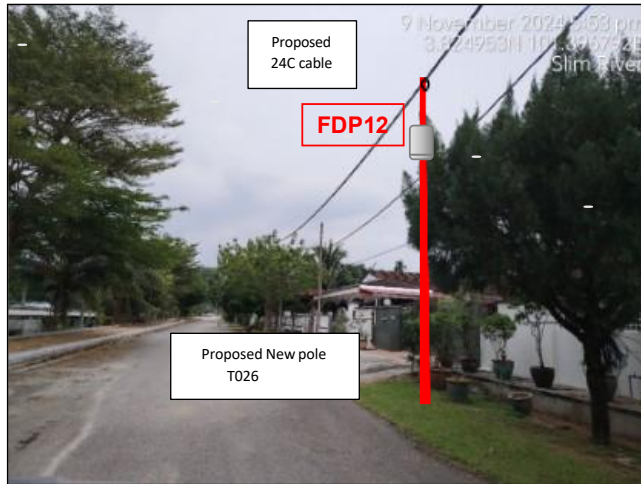
Site Photos - Proposed to install pole







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))



3rd Parties Dependencies

No.	Local Council/ Authority	Remark
1	Majlis Daerah Tanjong Malim	
2		
3		
4		
5		
6		



<table border="1"> <tr><td>12C FOC</td><td>Installed 1:4 / 1:8 / 1:32 splitter</td><td>○</td><td>Installed Pole (9m)</td><td>6.3</td><td>□</td><td>New Manhole (PIT)</td><td>Micro-Trenching (Meter)</td><td>MH</td><td>MH NO.</td></tr> <tr><td>24C FOC</td><td>Installed Patch Cord</td><td>○</td><td>Installed Pole (7.5M)</td><td>6.3</td><td>□</td><td>New Manhole(JRC7)</td><td>Temporary infra (Meter)</td><td>TKS-1</td><td>Existing TNB Pole NO.</td></tr> <tr><td>48C FOC</td><td>FDC</td><td>1</td><td>Existing TNB Pole</td><td>3</td><td>○</td><td>FDP boundary</td><td>Loop / Coil (Meter)</td><td>PO01</td><td>New Pole NO.</td></tr> <tr><td>96C FOC</td><td>Closure</td><td>3</td><td>Installed Riser</td><td>○</td><td>□</td><td>HDD (Meter)</td><td>Active Outdoor Cabinet</td><td>CL01</td><td>Closure NO.</td></tr> <tr><td>144C FOC</td><td>Existing Closure</td><td>□</td><td>Existing Manhole</td><td>□</td><td>□</td><td>Open Cut (Meter)</td><td>FDC NO.</td><td>CP1</td><td>FDC NO.</td></tr> </table>	12C FOC	Installed 1:4 / 1:8 / 1:32 splitter	○	Installed Pole (9m)	6.3	□	New Manhole (PIT)	Micro-Trenching (Meter)	MH	MH NO.	24C FOC	Installed Patch Cord	○	Installed Pole (7.5M)	6.3	□	New Manhole(JRC7)	Temporary infra (Meter)	TKS-1	Existing TNB Pole NO.	48C FOC	FDC	1	Existing TNB Pole	3	○	FDP boundary	Loop / Coil (Meter)	PO01	New Pole NO.	96C FOC	Closure	3	Installed Riser	○	□	HDD (Meter)	Active Outdoor Cabinet	CL01	Closure NO.	144C FOC	Existing Closure	□	Existing Manhole	□	□	Open Cut (Meter)	FDC NO.	CP1	FDC NO.	<table border="1"> <tr><td>8.5</td><td>8.5</td><td>8.5</td><td>8.5</td><td>8.5</td><td>8.5</td><td>8.5</td><td>8.5</td><td>8.5</td><td>8.5</td></tr> <tr><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td></tr> <tr><td>14</td><td>14</td><td>14</td><td>14</td><td>14</td><td>14</td><td>14</td><td>14</td><td>14</td><td>14</td></tr> <tr><td>90</td><td>90</td><td>90</td><td>90</td><td>90</td><td>90</td><td>90</td><td>90</td><td>90</td><td>90</td></tr> </table>	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	1	1	1	1	1	1	1	1	1	1	14	14	14	14	14	14	14	14	14	14	90	90	90	90	90	90	90	90	90	90	<p>ACTUAL HOVEPASS :</p>
12C FOC	Installed 1:4 / 1:8 / 1:32 splitter	○	Installed Pole (9m)	6.3	□	New Manhole (PIT)	Micro-Trenching (Meter)	MH	MH NO.																																																																																			
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90	90	90	90	90	90	90	90	90	90																																																																																			
<p>KEY PLAN:</p>	<p>PROJECT OWNER:</p>	<p>MAIN CONTRACTOR:</p>	<p>SUB-CONTRACTOR:</p>	<p>PROJECT TITLE:</p> <p>CONTRACTOR FOR SURVEY, TECHNICAL PROPOSAL AND WAYLEAVE & PERMIT APPROVAL -POP2 PROJECT</p>	<p>DRAWING TITLE:</p> <p>Construction Drawing AHAA001 KOLEJ VOKASIONAL SLIM RIVER</p> <p>PROJECT PHASE: POP 2</p>	<table border="1"> <tr><td>Design By :</td><td>Date :</td><td>13/11/2024</td></tr> <tr><td>Drawn By :</td><td>Scale :</td><td>NTS</td></tr> <tr><td>Checked By :</td><td>Job Number :</td><td>JOB/NUMBER</td></tr> <tr><td>DRAWING NUMBER :</td><td>Sheet :</td><td>1/3</td></tr> <tr><td colspan="2">AHAA001-CD-01</td><td>Size : A3</td></tr> <tr><td colspan="3">THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF STEADCOM SDN BHD</td></tr> </table>	Design By :	Date :	13/11/2024	Drawn By :	Scale :	NTS	Checked By :	Job Number :	JOB/NUMBER	DRAWING NUMBER :	Sheet :	1/3	AHAA001-CD-01		Size : A3	THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF STEADCOM SDN BHD																																																																						
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