

TECHNICAL PROPOSAL

POP2 SEKOLAH JENIS KEBANGSAAN (CINA) CHENDERIANG (D-SIDE)

Company Name	:	STEADCOM SDN BHD
Company Address	:	11-3, Jalan Puteri 2/6, Bandar Puteri, 47100 Puchong, Selangor
Prepared By	:	Ashraff Azizi
Date	:	27/12/2024



POINT A

POINT B

Starting Point

Site / Boundary Name	:	SEKOLAH JENIS KEBANGSAAN (CINA) CHENDERIANG
Address	:	No. 11 Jalan Temoh 35300, Chenderiang, Perak
District	:	Chenderiang
Postcode	:	35300
State	:	Perak
GPS Coordinate	:	4.263295, 101.237611
LRD	:	A

End Point

Site / Boundary Name	:	KAMPUNG MUHIBBAH CENDERIANG
Address	:	kampung muhibbah Chenderiang 35300 Tapah, Perak
District	:	Chenderiang
Postcode	:	35300
State	:	Perak
GPS Coordinate	:	4.257203, 101.234099
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	52
3	Joint Closure	EA	3
4	Estimated time required for completion	Days	30

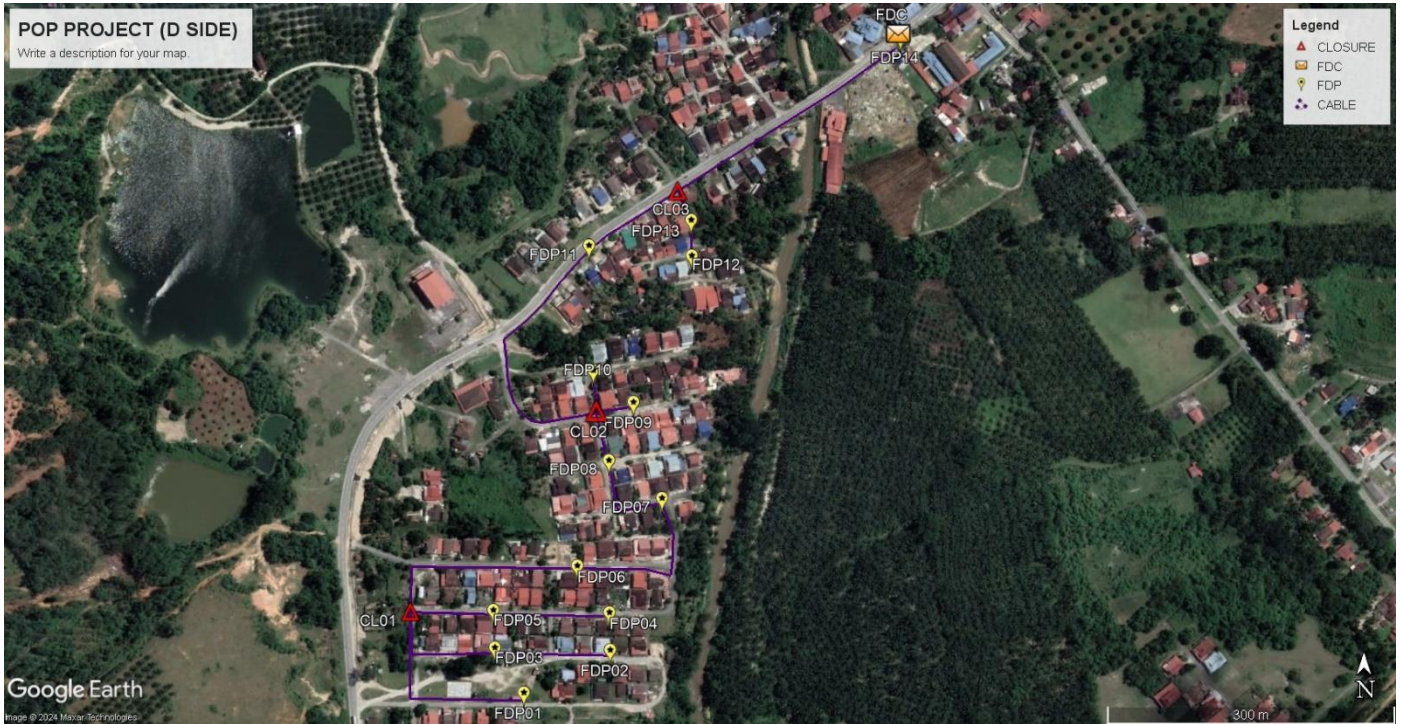
Local Authority Summary

1. Majlis Daerah Tapah

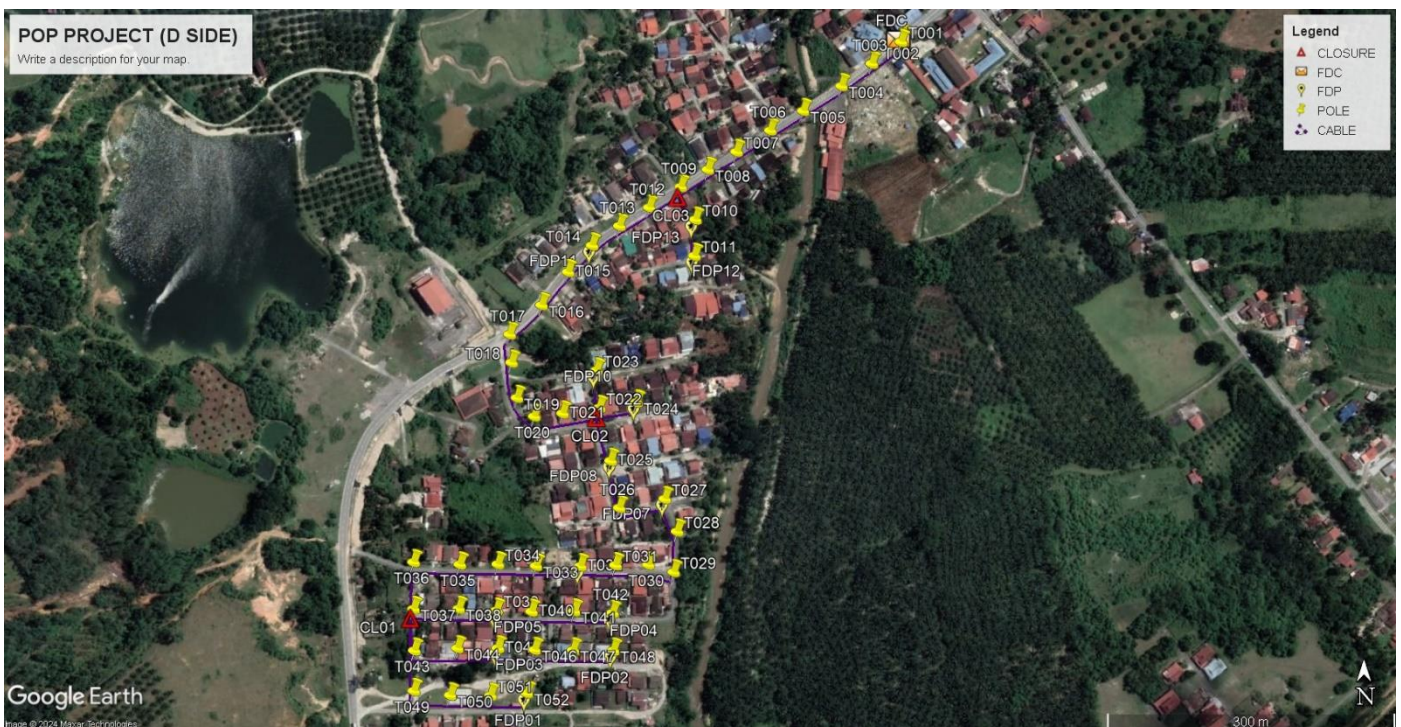
Bil	Items	Owner	Quantity	Distance(m)
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	15	600m
		Majlis	37	1480m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				2080m

Site Plan – KMZ (Overview site area)

Proposed FDP and Closure



Proposed New Pole



Site Plan – KMZ Routing (All Local Authority)

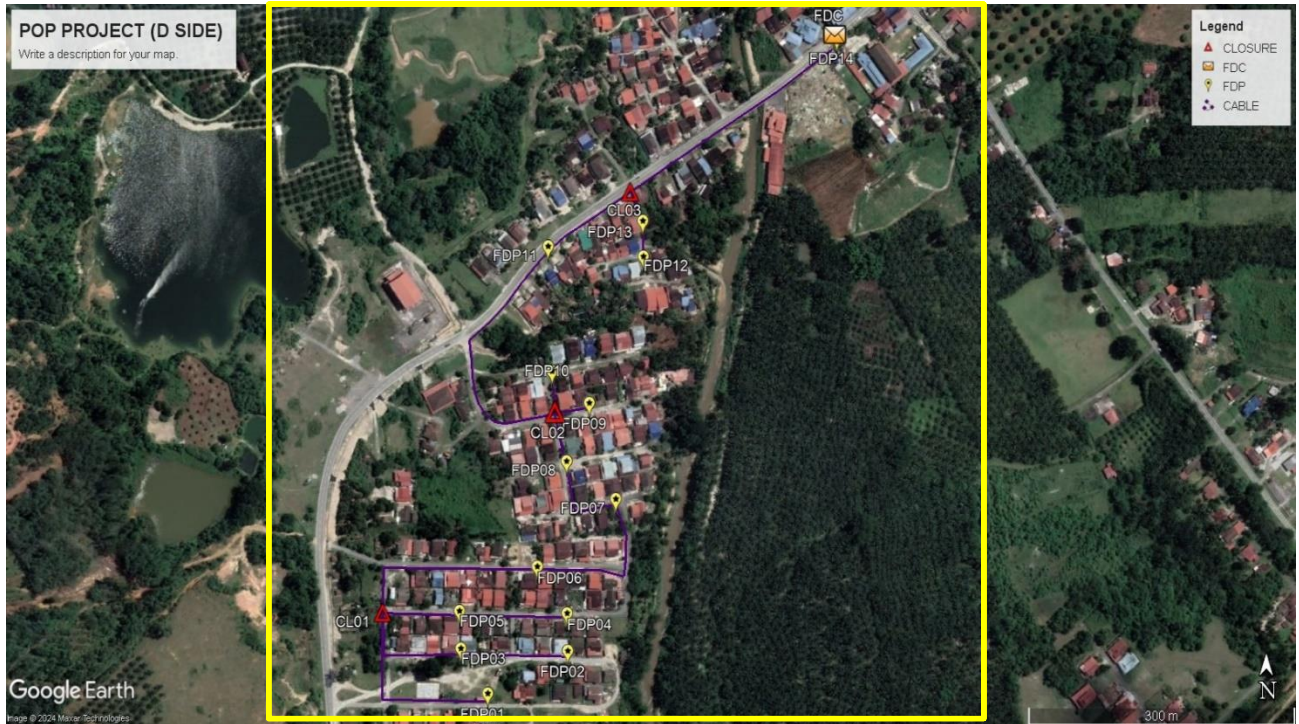


Green Colour – JKR Batang Padang

Red Colour – Majlis Daerah

Site Plan – KMZ Routing (All site area)

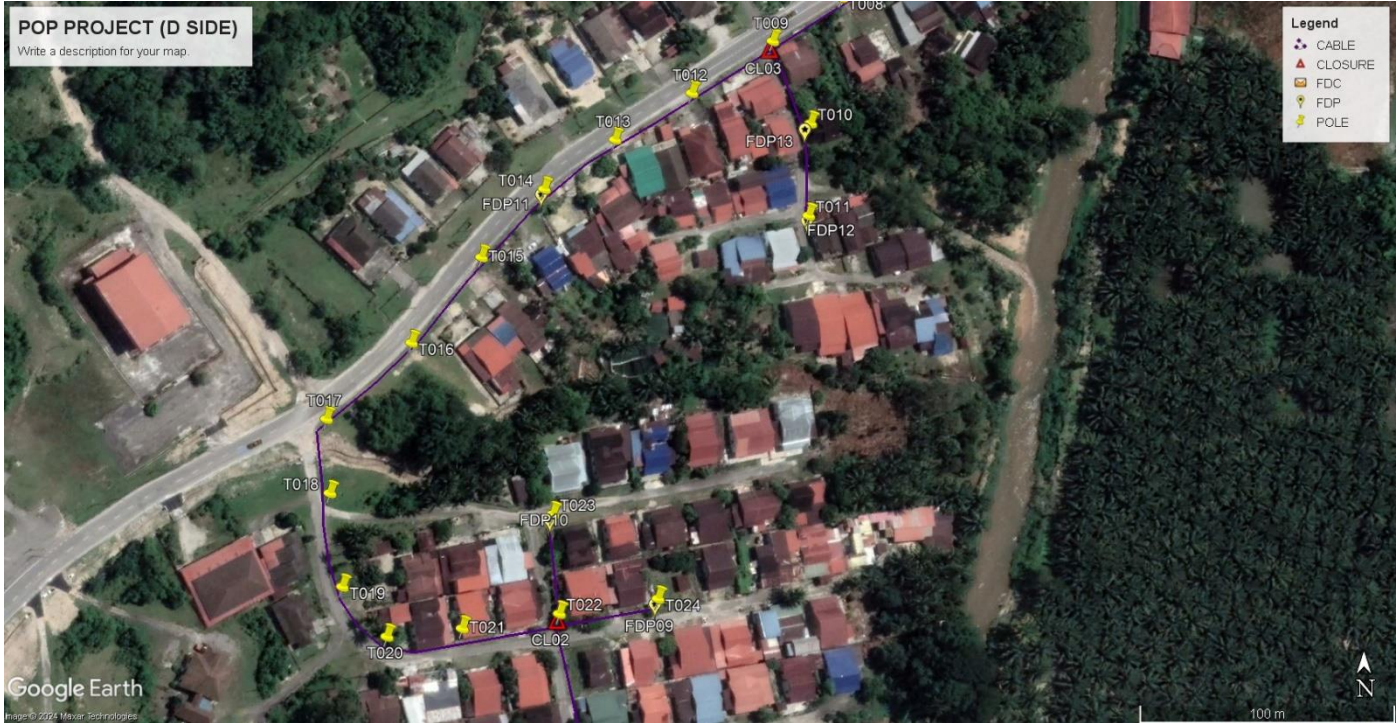
Route 1



Route 1.1

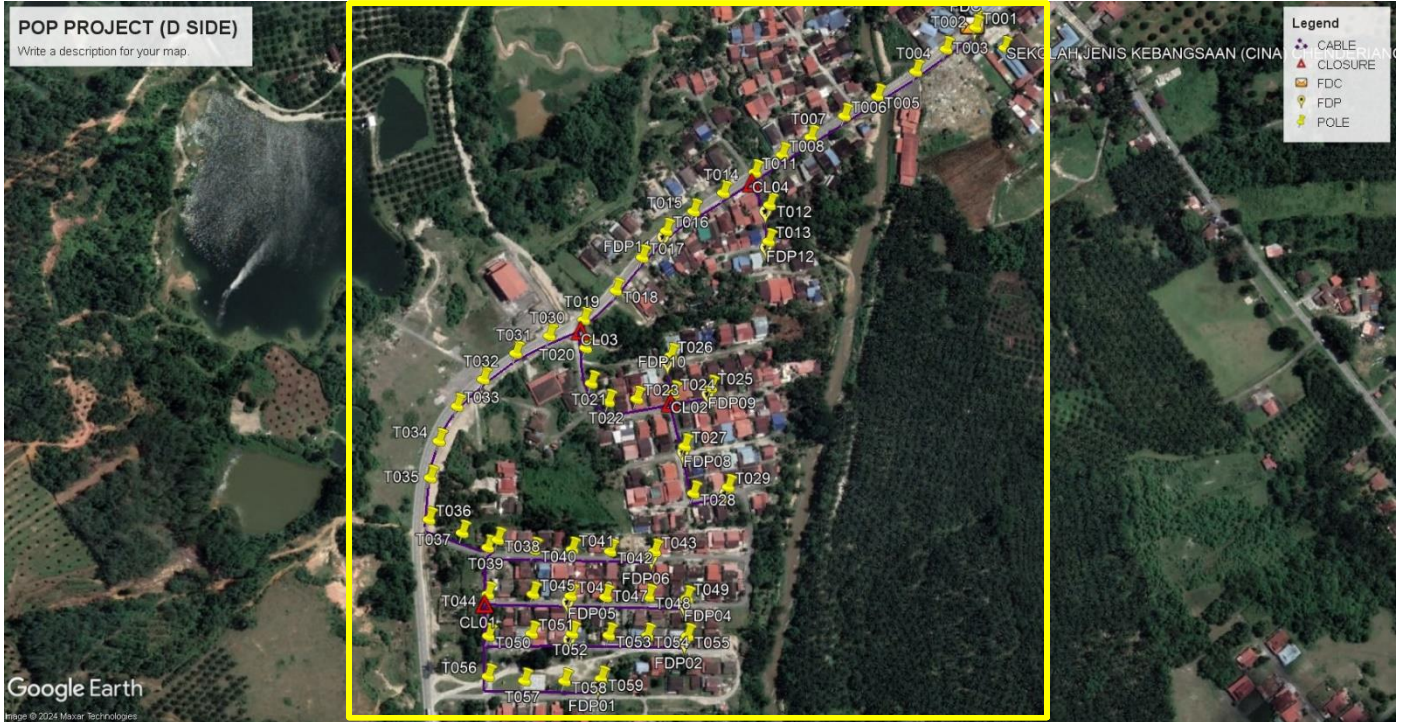


Site Plan – KMZ Routing (All site area)



Route 1.2

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	4.263295	101.237611	JKR Batang Padang
5	FDP01	T052	4.257203	101.234099	Majlis Daerah Tapah
6	FDP02	T048	4.257602	101.234909	Majlis Daerah Tapah
7	FDP03	T045	4.257624	101.233826	Majlis Daerah Tapah
8	FDP04	T042	4.257954	101.234902	Majlis Daerah Tapah
9	FDP05	T039	4.257976	101.233812	Majlis Daerah Tapah
10	FDP06	T032	4.258391	101.234600	Majlis Daerah Tapah
11	FDP07	T027	4.259020	101.235392	Majlis Daerah Tapah
12	FDP08	T025	4.259376	101.234884	Majlis Daerah Tapah
13	FDP09	T024	4.259924	101.235127	Majlis Daerah Tapah
14	FDP10	T023	4.260221	101.234751	Majlis Daerah Tapah
15	FDP11	T014	4.261391	101.234710	JKR Batang Padang
16	FDP12	T011	4.261296	101.235675	Majlis Daerah Tapah
17	FDP13	T010	4.261630	101.235669	Majlis Daerah Tapah
18	FDP14	T002	4.263343	101.237633	JKR Batang Padang
19	CL01	T037	4.258004	101.233036	Majlis Daerah Tapah
21	CL02	T022	4.259884	101.234781	Majlis Daerah Tapah
22	CL03	T009	4.260559	101.233936	JKR Batang Padang

Overall Pole (Proposed New)

No.	Pole & Manhole ID	Distance	Latitude	Longitude	Local Authority
1	T000	40M	4.263295	101.237611	JKR Batang Padang
2	T001	40M	4.263337	101.237631	JKR Batang Padang
3	T002	40M	4.263091	101.237336	JKR Batang Padang
4	T003	40M	4.262882	101.237051	JKR Batang Padang
5	T004	40M	4.262649	101.236692	JKR Batang Padang
6	T005	40M	4.262466	101.236383	JKR Batang Padang
7	T006	40M	4.262267	101.236066	JKR Batang Padang
8	T007	40M	4.262101	101.235797	JKR Batang Padang
9	T008	40M	4.261938	101.235543	JKR Batang Padang
10	T09	40M	4.261633	101.235680	Majlis Daerah Tapah
11	T010	40M	4.261294	101.235670	Majlis Daerah Tapah
12	T011	40M	4.261745	101.235246	JKR Batang Padang
13	T012	40M	4.261573	101.234966	JKR Batang Padang
14	T013	40M	4.261391	101.234710	JKR Batang Padang
15	T014	40M	4.261142	101.234485	JKR Batang Padang
16	T015	40M	4.260833	101.234237	JKR Batang Padang
17	T016	40M	4.260559	101.233936	JKR Batang Padang
18	T017	40M	4.260295	101.233954	Majlis Daerah Tapah
19	T018	40M	4.259965	101.234006	Majlis Daerah Tapah
20	T019	40M	4.259791	101.234167	Majlis Daerah Tapah
21	T020	40M	4.259820	101.234433	Majlis Daerah Tapah
22	T021	40M	4.259871	101.234777	Majlis Daerah Tapah
23	T022	40M	4.260221	101.234751	Majlis Daerah Tapah
24	T023	40M	4.259924	101.235127	Majlis Daerah Tapah
25	T024	40M	4.259376	101.234884	Majlis Daerah Tapah
26	T025	40M	4.258936	101.234965	Majlis Daerah Tapah
27	T026	40M	4.259020	101.235392	Majlis Daerah Tapah
28	T027	40M	4.258715	101.235508	Majlis Daerah Tapah
29	T028	40M	4.258335	101.235475	Majlis Daerah Tapah
30	T029	40M	4.258405	101.235237	Majlis Daerah Tapah
31	T030	40M	4.258399	101.234930	Majlis Daerah Tapah
32	T031	40M	4.258391	101.234600	Majlis Daerah Tapah
33	T032	40M	4.258393	101.234185	Majlis Daerah Tapah
34	T033	40M	4.258409	101.233825	Majlis Daerah Tapah
35	T034	40M	4.258406	101.233469	Majlis Daerah Tapah
36	T035	40M	4.258428	101.233035	Majlis Daerah Tapah
37	T036	40M	4.257991	101.233036	Majlis Daerah Tapah
38	T037	40M	4.257993	101.233459	Majlis Daerah Tapah
39	T038	40M	4.257976	101.233812	Majlis Daerah Tapah
40	T039	40M	4.257966	101.234141	Majlis Daerah Tapah
41	T040	40M	4.257969	101.234542	Majlis Daerah Tapah



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))

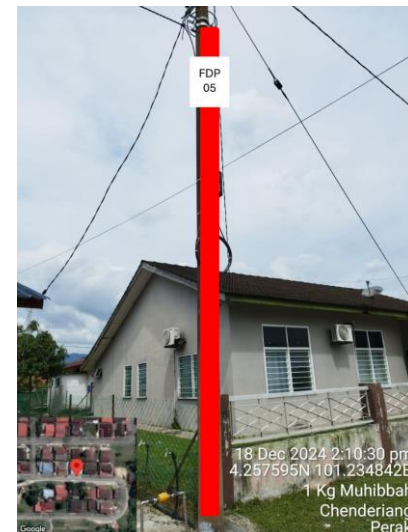


42	T041	40M	4.257954	101.234902	Majlis Daerah Tapah
43	T042	40M	4.257602	101.233042	Majlis Daerah Tapah
44	T043	40M	4.257624	101.233447	Majlis Daerah Tapah
45	T044	40M	4.257624	101.233826	Majlis Daerah Tapah
46	T045	40M	4.257608	101.234172	Majlis Daerah Tapah
47	T046	40M	4.257605	101.234531	Majlis Daerah Tapah
48	T047	40M	4.257602	101.234909	Majlis Daerah Tapah
49	T048	40M	4.257223	101.233037	Majlis Daerah Tapah
50	T049	40M	4.257183	101.233379	Majlis Daerah Tapah
51	T050	40M	4.257180	101.233756	Majlis Daerah Tapah
52	T051	40M	4.257203	101.234099	Majlis Daerah Tapah

Site Photos – Proposed to install pole



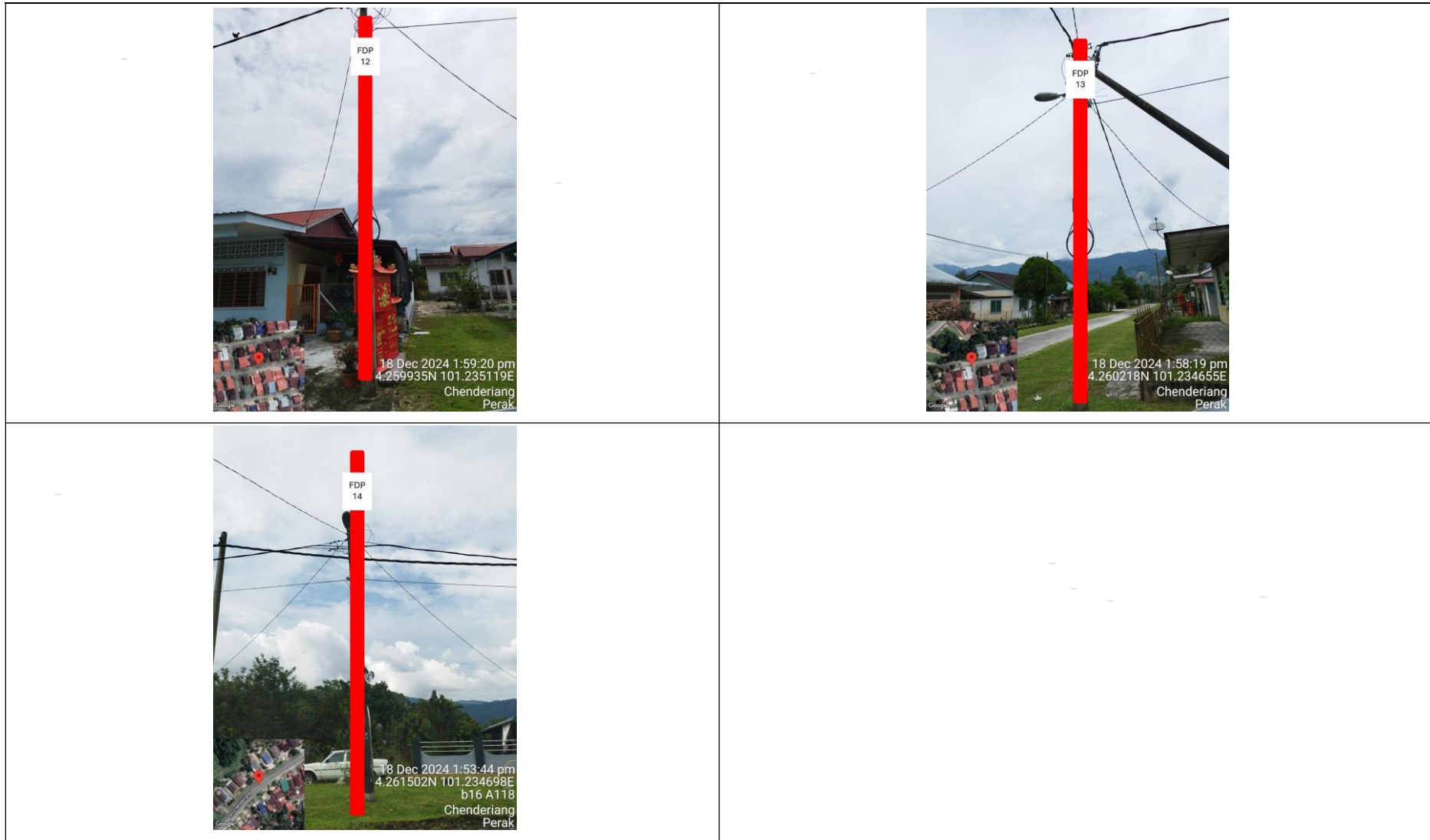
PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA (KKMM.400-11/17/132(1))



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))



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	JKR Batang Padang	
2	Majlis Daerah Tapah	
3		
4		
5		
6		




LEGEND	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.
12C FOC	Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	Suspension	New Manhole (PIT)	Micro-Trenching (Meter)	MH1	MH NO.				
24C FOC	Installed Patch Cord	Installed Pole (7.5M)	Tension	New Manhole(JRC7)	Temporary Infra (Meter)	TKS-1	Existing TNB Pole NO.	N/A			
48C FOC	FDC	Installed Pole (6.7M)	Pole Ring	FDP Boundary	Loop / Coil (Meter)	P001	New Pole NO.	52			
96C FOC	Closure	Existing TNB Pole	FDP with (1:8) splitter	HDD (Meter)	Active Outdoor Cabinet	CL01	Closure NO.	3			
144C FOC	Existing Closure	Installed Riser	Existing Manhole	Open Cut (Meter)	FDC NO.	FDP	FDP NO.	14			

ACTUAL HOMEPASS :

KEY PLAN :

POP2 PROJECT IN PERAK

OWNER/DEVELOPER :



MAIN CONTRACTOR :



A member of OCK Group Berhad

PROJECT TITLE :

CONTRACTOR FOR SURVEY, TECHNICAL PROPOSAL AND WAYLEAVE, & PERMIT APPROVAL - POP2 PROJECT

DRAWING TITLE:

CONSTRUCTION DRAWING ABC0053 SK.JENIS KEBANGSAAN(CINA) CHENDERANG

PROJECT PHASE:

POP 2

Design By :	Date :	03/01/2024
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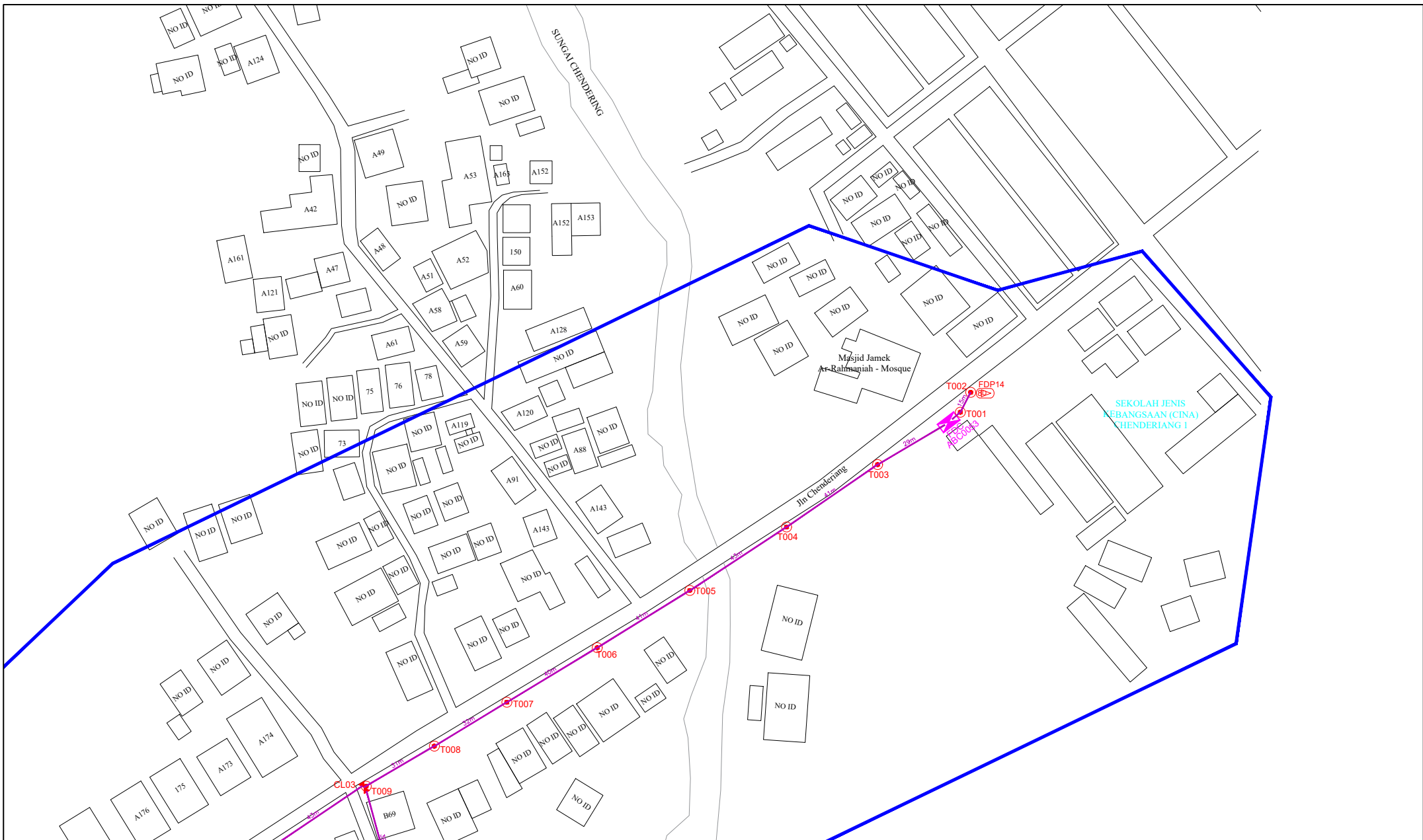
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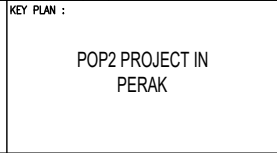
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LEGEND	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.
12C FOC	Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	Suspension	ES30 New Manhole (PIT)	Micro-Trenching (Meter)	MH1 MH NO.				
24C FOC	Installed Patch Cord	Installed Pole (7.5M)	Tension	ES7 New Manhole(JRC7)	Temporary Infra (Meter)	TKS-1 Existing TNB Pole NO.				
48C FOC	FDC	Existing Pole (6.7M)	Pole Ring	FDP Boundary	Loop / Coil (Meter)	P001 New Pole NO.				
96C FOC	Closure	Existing TNB Pole	FDP with (1:8) splitter	HDD (Meter)	Active Outdoor Cabinet	CL01 Closure NO.				
144C FOC	Existing Closure	Installed Riser	Existing Manhole	Open Cut (Meter)	FDC NO.	FDP FDP NO.				

ACTUAL HOMEPASS :

KEY PLAN :
POP2 PROJECT IN PERAK

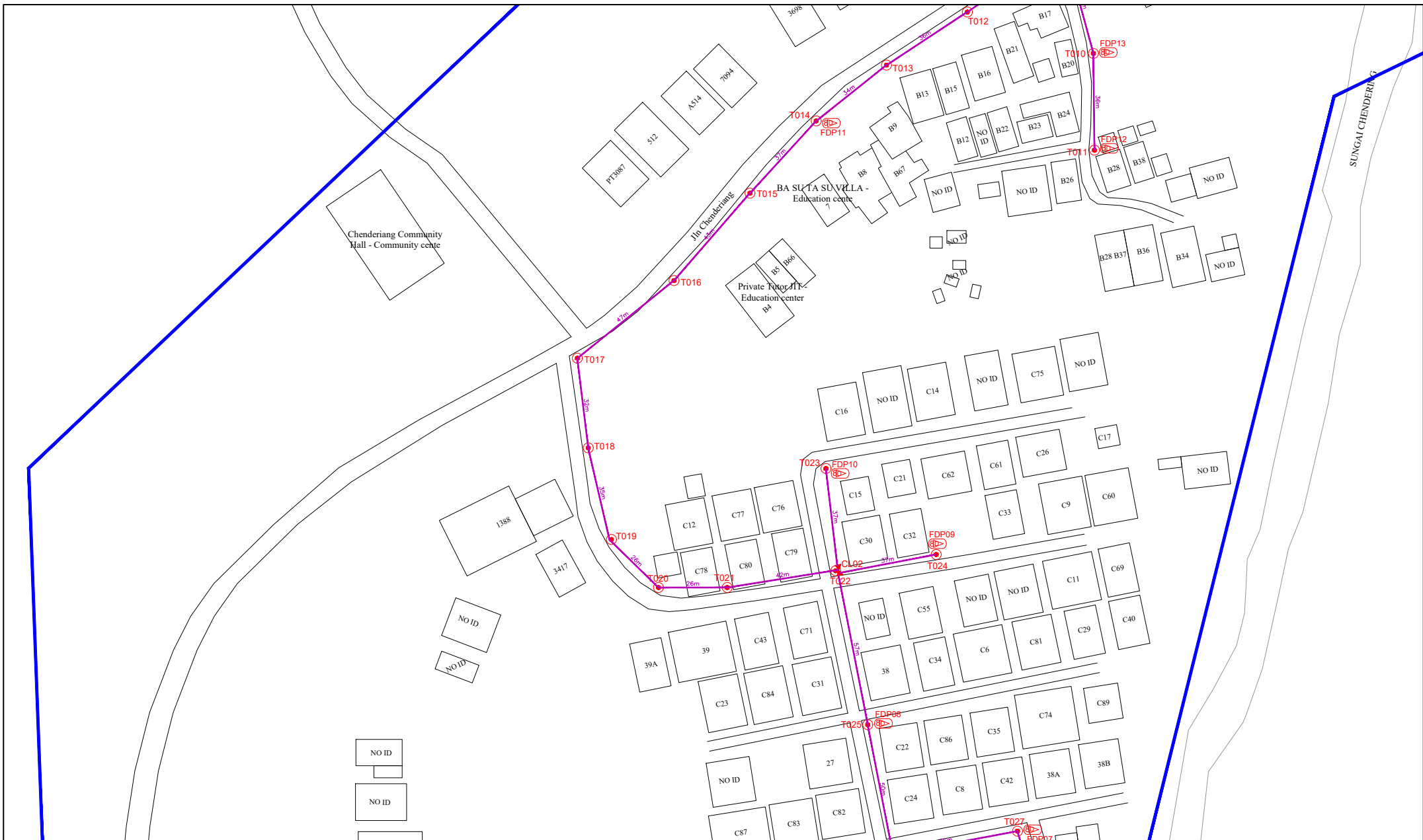


OWNER/DEVELOPER :
MAIN CONTRACTOR :

PROJECT TITLE :
CONTRACTOR FOR SURVEY, TECHNICAL PROPOSAL AND WAYLEAVE, & PERMIT APPROVAL - POP2 PROJECT

DRAWING TITLE:
CONSTRUCTION DRAWING ABC0053 SK.JENIS KEBANGSAAN(CINA) CHENDERIANG
PROJECT PHASE: POP 2

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LEGEND	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.
12C FOC	Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	Suspension	BE30	New Manhole (PIT)	Micro-Trenching (Meter)	MH1	MH NO.			
24C FOC	Installed Patch Cord	Installed Pole (7.5M)	Tension	BE7	New Manhole(JRC7)	Temporary Infra (Meter)	TKS-1	Existing TNB Pole NO.	N/A		
48C FOC	FDC	Installed Pole (6.7M)	Pole Ring		FDP Boundary	Loop / Coil (Meter)	P001	New Pole NO.	52		
96C FOC	Closure	Existing TNB Pole	FDP with (1:8) splitter	14	HDD (Meter)	Active Outdoor Cabinet	CL01	Closure NO.	3		
144C FOC	Existing Closure	Installed Riser	Existing Manhole		Open Cut (Meter)	FDC NO.	FDP	FDP NO.	14		

ACTUAL HOMEPASS :

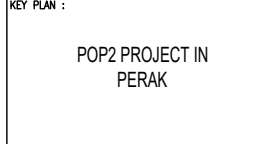
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12C FOC	Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	Suspension	BS0	New Manhole (PIT)	Micro-Trenching (Meter)	MH1	MH NO.		
24C FOC	Installed Patch Cord	Installed Pole (7.5M)	Tension	CS7	New Manhole(JRC7)	Temporary Infra (Meter)	TKS-1	Existing TNB Pole NO.	N/A	
48C FOC	FDC	Existing TNB Pole (6.7M)	Pole Ring		FDP Boundary	Loop / Coil (Meter)	P001	New Pole NO.	52	
96C FOC	Closure	Existing TNB Pole	FDP with (1:8) splitter	14	HDD (Meter)	Active Outdoor Cabinet	CL01	Closure NO.	3	
144C FOC	Existing Closure	Installed Riser	Existing Manhole		Open Cut (Meter)	FDC NO.	FDP	FDP NO.	14	

ACTUAL HOMEPASS :

KEY PLAN :
POP2 PROJECT IN PERAK



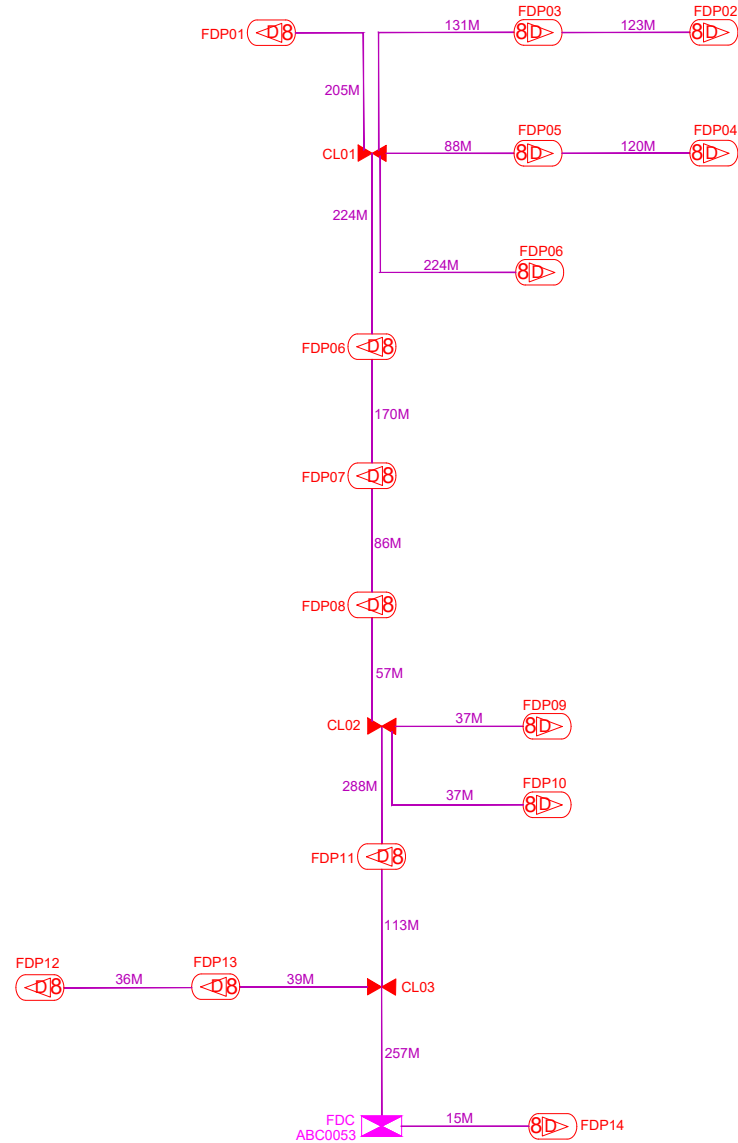
OWNER/DEVELOPER :
MAIN CONTRACTOR :

PROJECT TITLE :
CONTRACTOR FOR SURVEY, TECHNICAL PROPOSAL AND WAYLEAVE, & PERMIT APPROVAL - POP2 PROJECT

DRAWING TITLE:
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PROJECT PHASE:
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LEGEND	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.
12C FOC	Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	Suspension	UB30	New Manhole (PIT)	Micro-Trenching (Meter)	MH1	MH NO.		N/A
24C FOC	Installed Patch Cord	Installed Pole (7.5M)	Tension	CB7	New Manhole(JRC7)	Temporary Infra (Meter)	TKS-1	Existing TNB Pole NO.		N/A
48C FOC	FDC	Installed Pole (6.7M)	Pole Ring		FDP Boundary	Loop / Coil (Meter)	P001	New Pole NO.		52
96C FOC	Closure	Existing TNB Pole	FDP with (1:8) splitter	14	HDD (Meter)	Active Outdoor Cabinet	CL01	Closure NO.		3
144C FOC	Existing Closure	Installed Riser	Existing Manhole		Open Cut (Meter)	FDC NO.	FDP	FDP NO.		14

ACTUAL HOMEPASS :

KEY PLAN :

POP2 PROJECT IN PERAK

OWNER/DEVELOPER :



MAIN CONTRACTOR :



A member of OCK Group Berhad

PROJECT TITLE :

CONTRACTOR FOR SURVEY, TECHNICAL PROPOSAL AND WAYLEAVE, & PERMIT APPROVAL - POP2 PROJECT

DRAWING TITLE:

SLD DRAWING ABC0053
SK.JENIS KEBANGSAAN(CINA) CHENDERANG

PROJECT PHASE:
POP 2

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