

TECHNICAL PROPOSAL POP2 ABA8242 SEKOLAH KEBANGSAAN SUNGAI BESAR (D-SIDE)

| | | |
|-----------------|---|---|
| Company Name | : | WCWL COMMUNICATIONS SDN BHD |
| Company Address | : | 127, Jalan PUJ 3/3, Taman Puncak Jalil 43300 Subang Jaya Selangor |
| Prepared By | : | Nur Syahidah Izzatie |
| Date | : | 24/01/2025 |



POINT A

POINT B

Starting Point

| | | |
|----------------------|---|----------------------------------|
| Site / Boundary Name | : | SEKOLAH KEBANGSAAN SUNGAI BESAR |
| Address | : | Jalan Bota Kiri - Hujung Rintis, |
| District | : | Kota Setia |
| Postcode | : | 36810 |
| State | : | Perak |
| GPS Coordinate | : | 3.982504, 100.873005 |
| LRD | : | A |

End Point

| | | |
|----------------------|---|----------------------------------|
| Site / Boundary Name | : | SEKOLAH KEBANGSAAN SUNGAI BESAR |
| Address | : | Jalan Bota Kiri - Hujung Rintis, |
| District | : | Kota Setia |
| Postcode | : | 36810 |
| State | : | Perak |
| GPS Coordinate | : | 3.967539, 100.869291 |
| 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))



Work Summary

| No | Proposed Distance and Method | Unit | Qty |
|----|---------------------------------------|------|-----------|
| 1 | Horizontal Directional Drilling (HDD) | m | 70 |
| 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 | 2 |
| 2 | Proposed Pole | EA | 97 |
| 3 | Joint Closure | EA | 1 |
| 4 | Estimated time required for completion | days | 30 |



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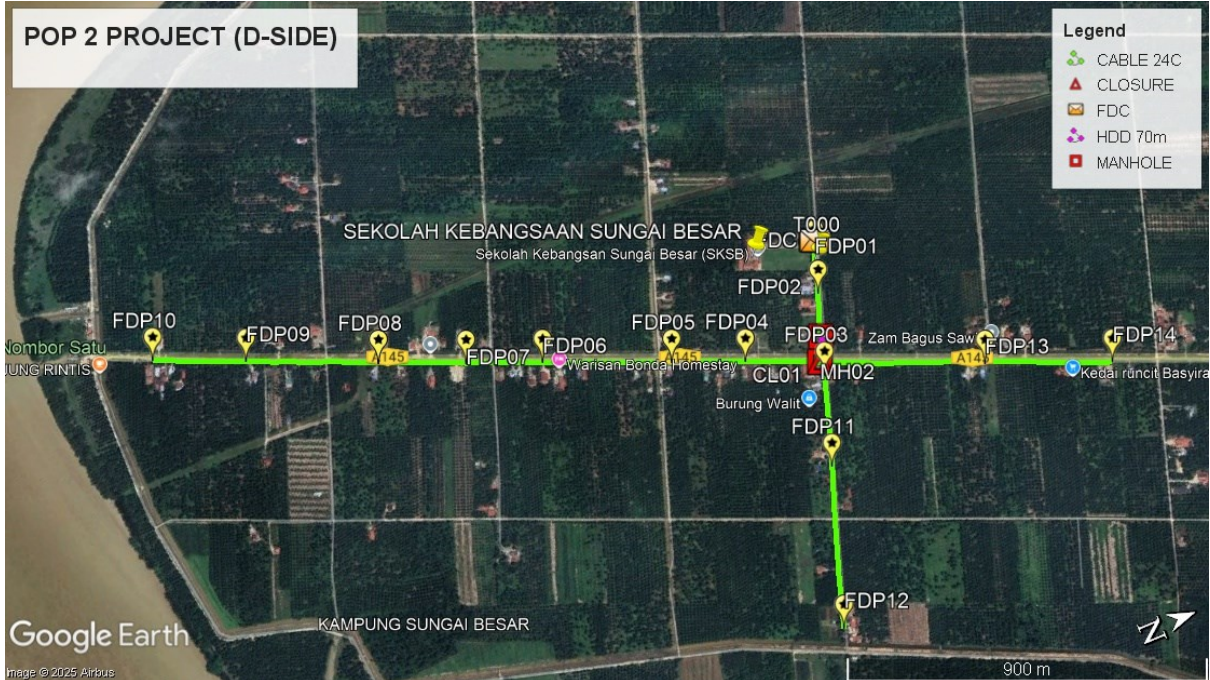
Local Authority Summary

1. Daerah Perak Tengah

| Bil | Items | Owner | Quantity | Distance(m) |
|-------|-------------------|-----------------------|----------|-------------|
| 1 | HDD | JKR | 1 | 70 |
| | | Majlis | - | - |
| | | Estate / Private Land | - | - |
| 2 | New Pole | JKR | 71pcs | 2480m |
| | | Majlis | 26pcs | 940m |
| | | Estate / Private Land | - | - |
| 3 | Existing TNB Pole | JKR | - | - |
| | | Majlis | - | - |
| | | Estate / Private Land | - | - |
| Total | | | | 3490m |

Site Plan – KMZ (Overview site area)

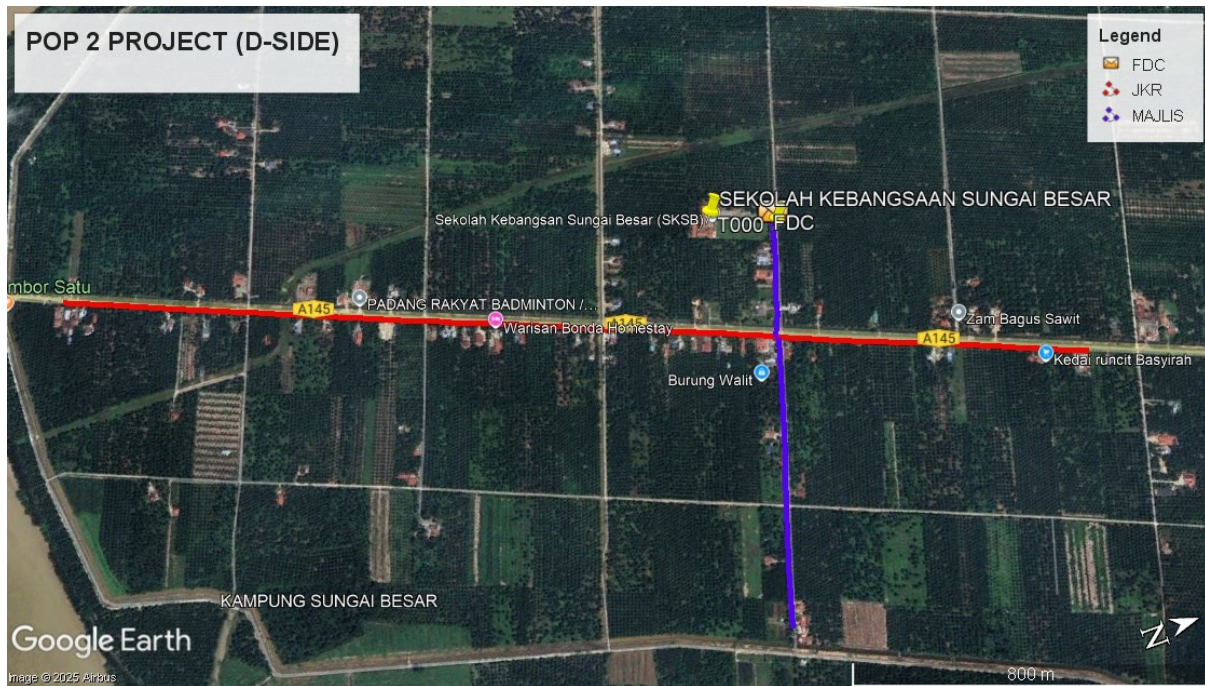
Proposed FDP and Closure



Proposed New Pole



Site Plan – KMZ Routing (All Local Authority)

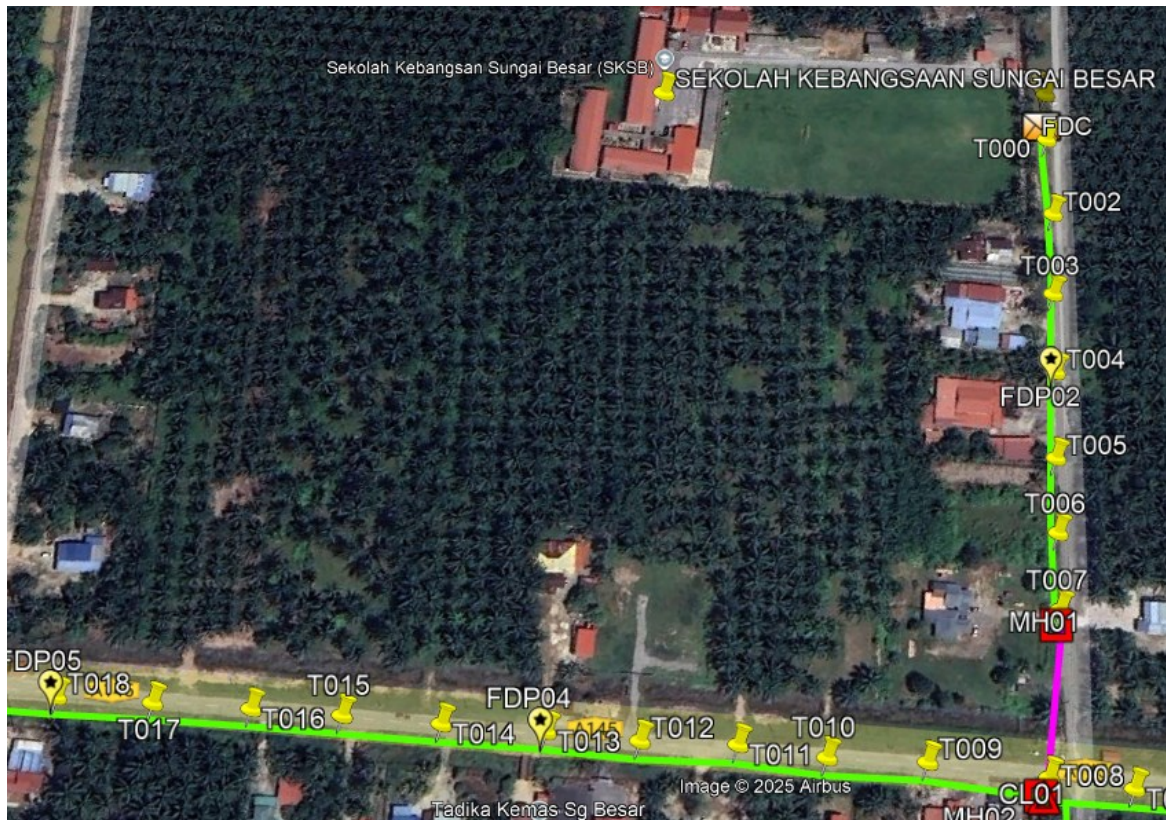


Red – JKR Perak Tengah

Blue - Majlis Perbandaran Perak Tengah

Site Plan – KMZ Routing (All site area)

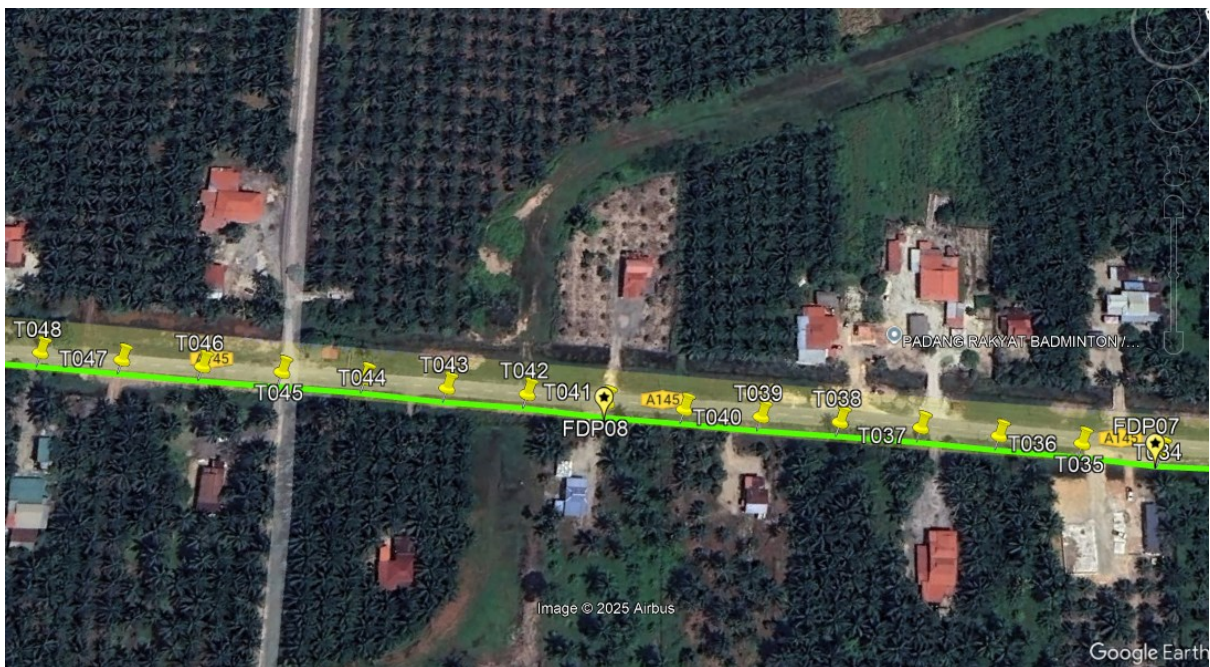
Route 1



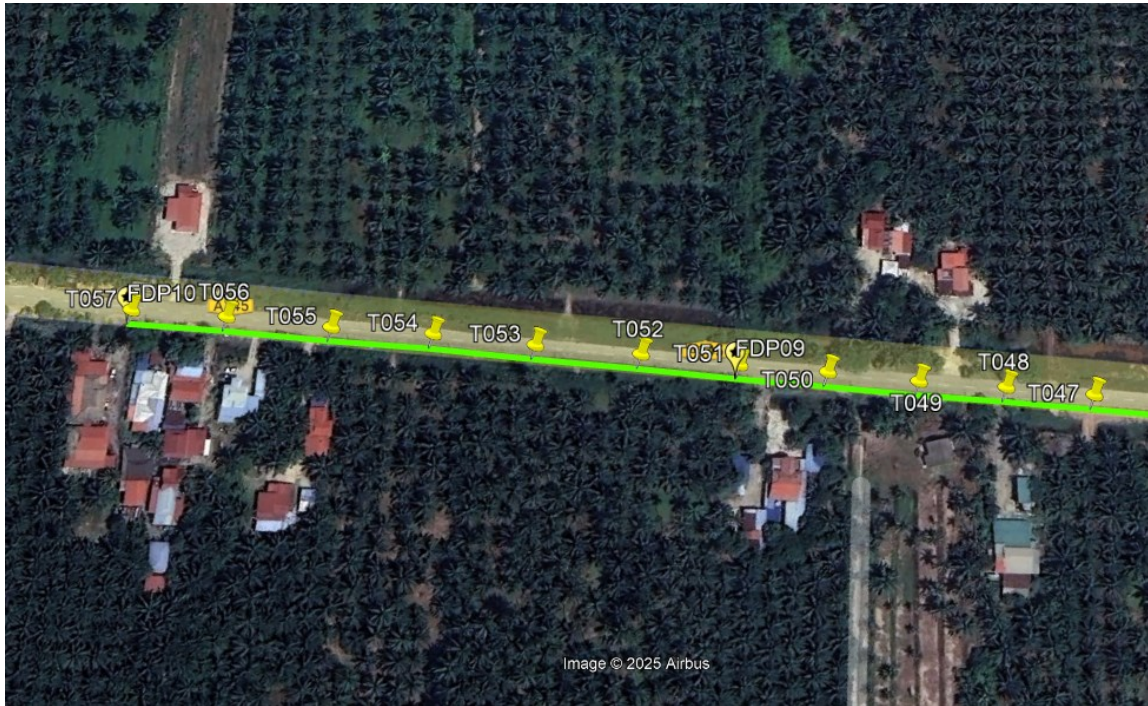
Route 1.1



Route 1.2

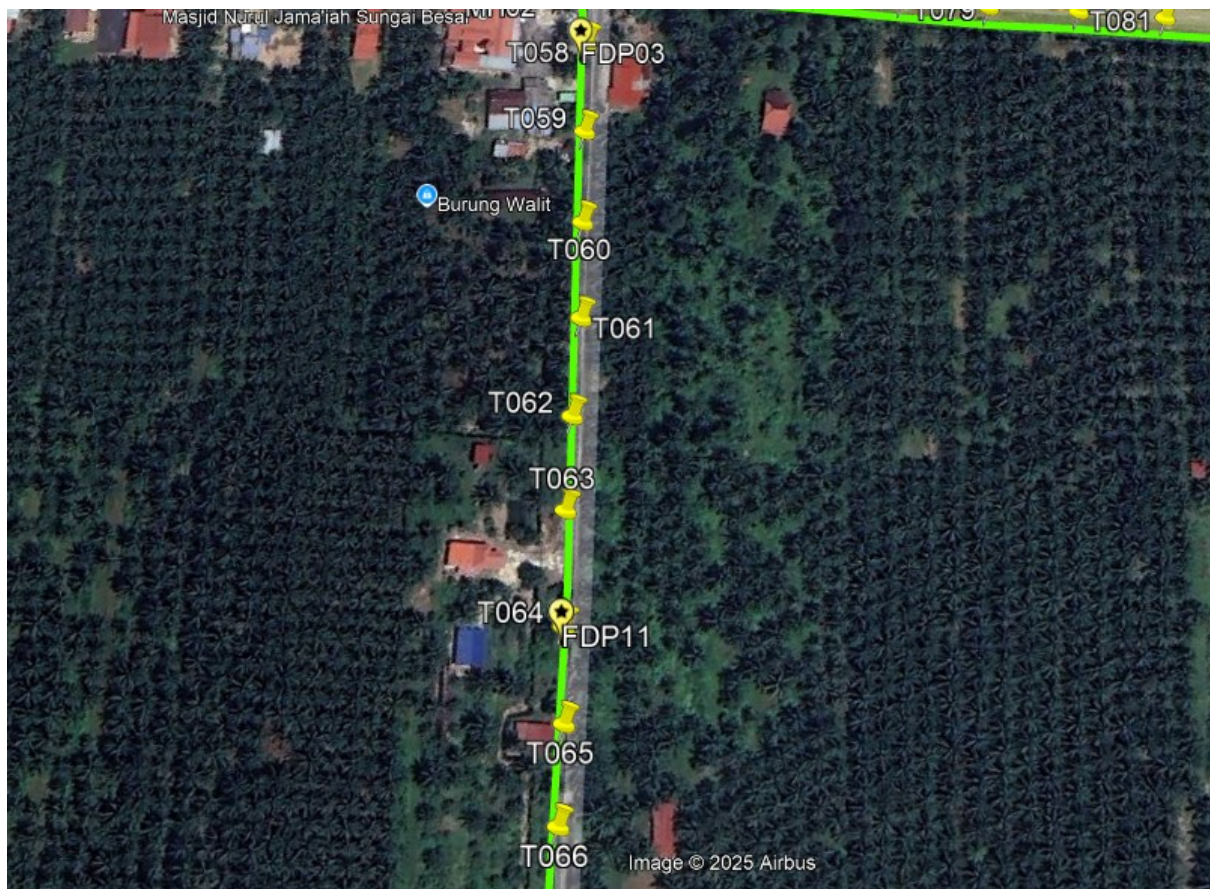


Route 1.3

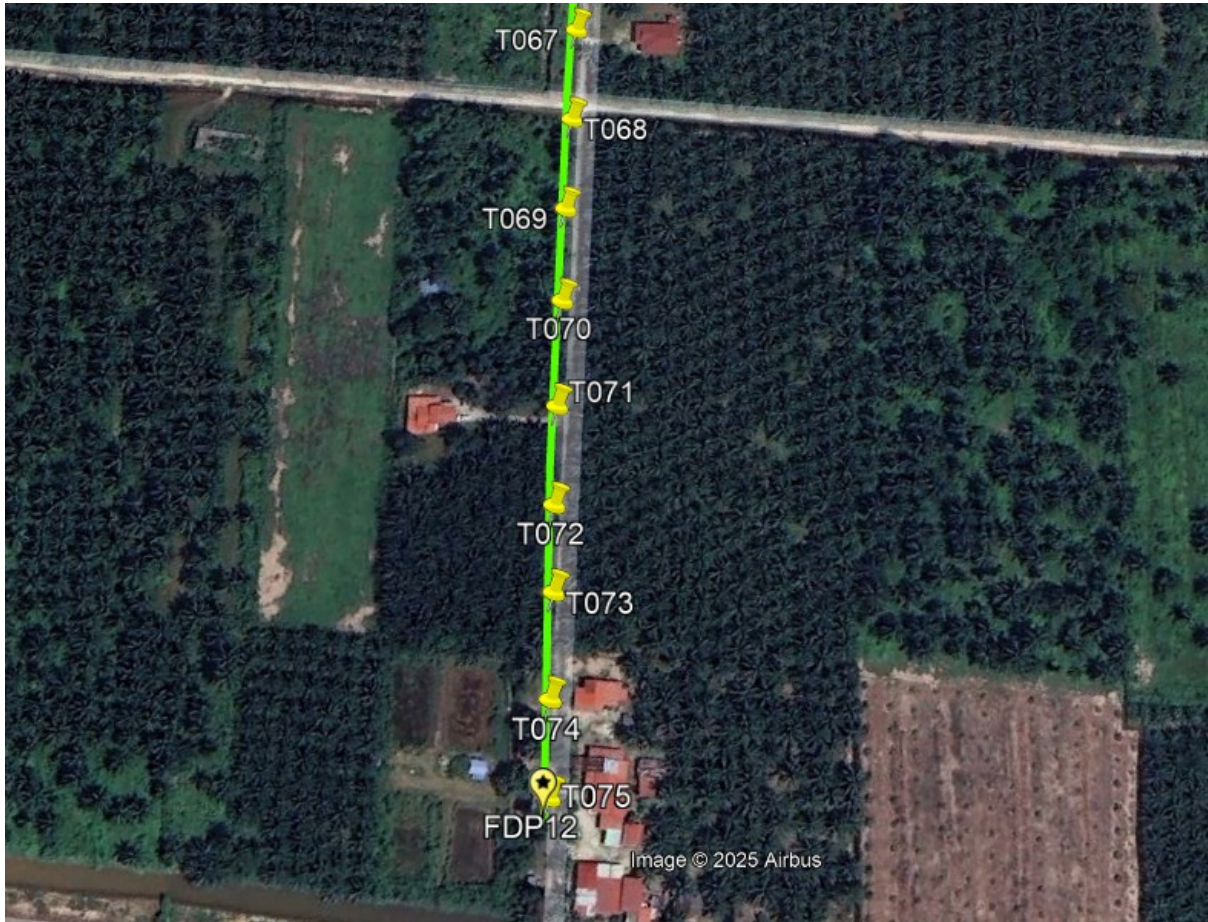


Route 1.4

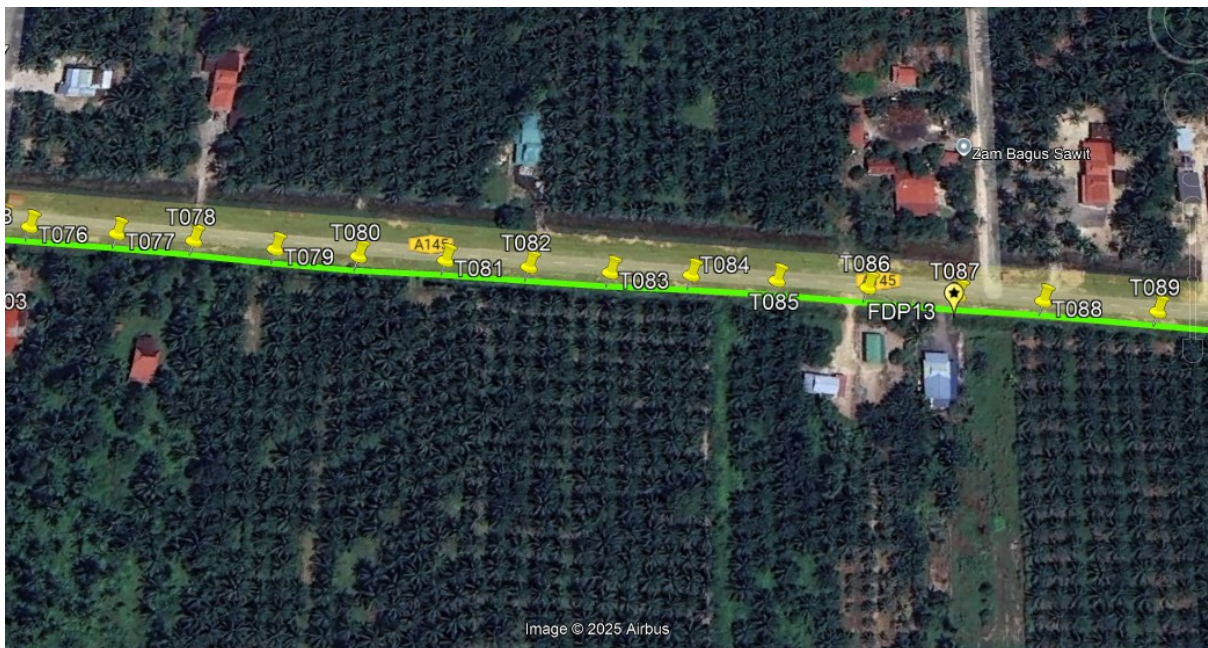
Route 2



Route 2.1



Route 2.2



Route 2.3



Route 2.4

Site Plan – KMZ Routing (Prop New Manhole)



Figure 1: Location 1 (MH1- 3.981918, 100.874725) (MH2- 3.981664, 100.875251)

KMZ Plan

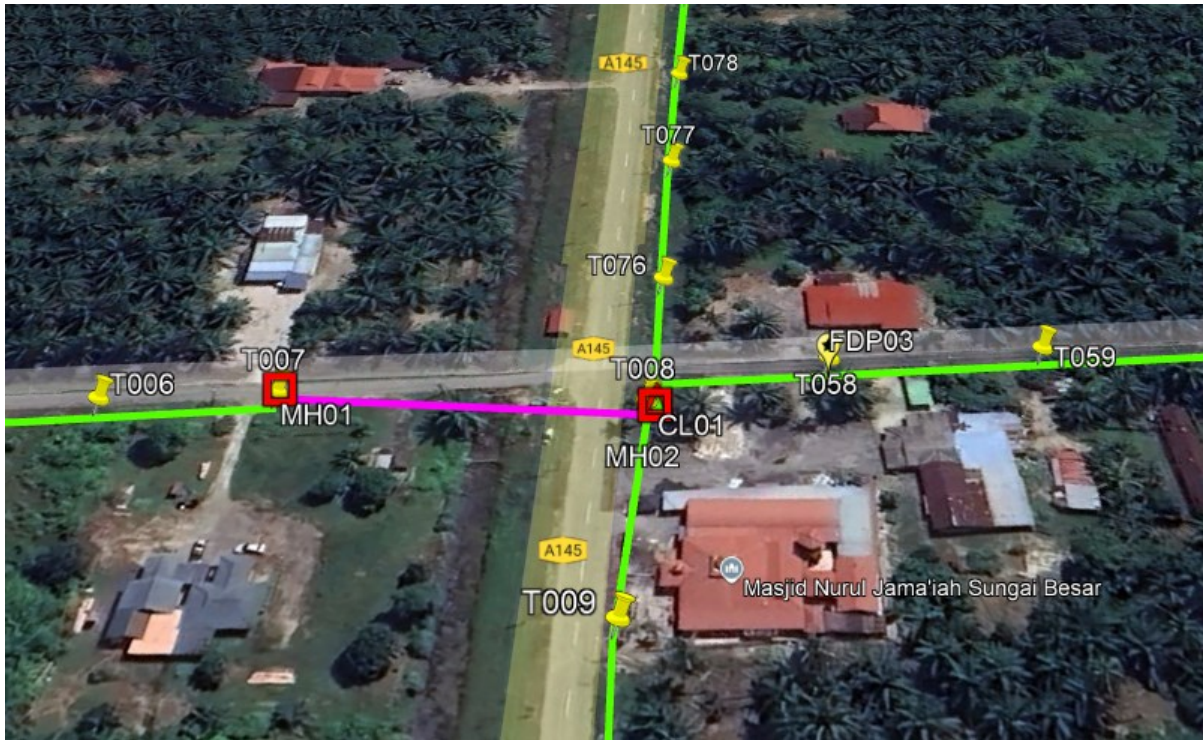


Figure 2: Location 1 (MH1- 3.981918, 100.874725) (MH2- 3.981664, 100.875251)

Site Plan – Google Map (routing plan, Manhole)





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Proposed New Manhole Lat & Long Table

| PROPOSED MANHOLE COORDINATE | | |
|-----------------------------|----------|------------|
| MANHOLE NUMBER | LATITUDE | LONGITUDE |
| MH01 | 3.981918 | 100.874725 |
| MH02 | 3.981664 | 100.875251 |

Site Plan – KMZ Routing (Proposed new Pole)



Overall Pole (Proposed New)

| No. | Pole ID | Distance (m) | Latitude | Longitude | Local Authority |
|-----|---------|--------------|-------------|-------------|---------------------------------|
| 1 | T000 | 0.00 | 3.982498 | 100.87303 | Majlis Perbandaran Perak Tengah |
| 2 | T001 | 20.67 | 3.98255837 | 100.8728544 | Majlis Perbandaran Perak Tengah |
| 3 | T002 | 54.25 | 3.982415039 | 100.8733202 | Majlis Perbandaran Perak Tengah |
| 4 | T003 | 35.09 | 3.982304572 | 100.8736154 | Majlis Perbandaran Perak Tengah |
| 5 | T004 | 33.31 | 3.982207399 | 100.8738984 | Majlis Perbandaran Perak Tengah |
| 6 | T005 | 35.71 | 3.982095741 | 100.8741991 | Majlis Perbandaran Perak Tengah |
| 7 | T006 | 30.24 | 3.98200737 | 100.874456 | Majlis Perbandaran Perak Tengah |
| 8 | T007 | 30.30 | 3.981918058 | 100.8747132 | Majlis Perbandaran Perak Tengah |
| 9 | T008 | 63.76 | 3.981681422 | 100.8752348 | JKR Perak Tengah |
| 10 | T009 | 46.21 | 3.981305226 | 100.8750594 | JKR Perak Tengah |
| 11 | T010 | 38.14 | 3.980984308 | 100.8749395 | JKR Perak Tengah |
| 12 | T011 | 34.13 | 3.980708922 | 100.8748047 | JKR Perak Tengah |
| 13 | T012 | 37.34 | 3.980393729 | 100.8746899 | JKR Perak Tengah |
| 14 | T013 | 35.93 | 3.980098113 | 100.8745603 | JKR Perak Tengah |
| 15 | T014 | 40.16 | 3.979763471 | 100.8744255 | JKR Perak Tengah |
| 16 | T015 | 38.26 | 3.979446747 | 100.8742922 | JKR Perak Tengah |
| 17 | T016 | 35.07 | 3.979154388 | 100.8741747 | JKR Perak Tengah |
| 18 | T017 | 37.88 | 3.978837719 | 100.8740503 | JKR Perak Tengah |
| 19 | T018 | 37.13 | 3.978527271 | 100.8739284 | JKR Perak Tengah |
| 20 | T019 | 36.83 | 3.978220629 | 100.8738042 | JKR Perak Tengah |
| 21 | T020 | 32.46 | 3.977953944 | 100.8736863 | JKR Perak Tengah |
| 22 | T021 | 33.47 | 3.977675661 | 100.8735725 | JKR Perak Tengah |
| 23 | T022 | 30.09 | 3.977430144 | 100.8734593 | JKR Perak Tengah |
| 24 | T023 | 33.42 | 3.977152087 | 100.8733462 | JKR Perak Tengah |
| 25 | T024 | 31.50 | 3.976890528 | 100.8732382 | JKR Perak Tengah |
| 26 | T025 | 33.48 | 3.976615365 | 100.8731167 | JKR Perak Tengah |
| 27 | T026 | 33.91 | 3.976330231 | 100.8730095 | JKR Perak Tengah |
| 28 | T027 | 31.16 | 3.976072743 | 100.8728998 | JKR Perak Tengah |
| 29 | T028 | 34.03 | 3.975791426 | 100.8727801 | JKR Perak Tengah |
| 30 | T029 | 28.37 | 3.975554028 | 100.8726875 | JKR Perak Tengah |
| 31 | T030 | 34.00 | 3.975268834 | 100.8725783 | JKR Perak Tengah |
| 32 | T031 | 32.96 | 3.975004539 | 100.8724448 | JKR Perak Tengah |
| 33 | T032 | 34.39 | 3.974717943 | 100.8723294 | JKR Perak Tengah |
| 34 | T033 | 32.95 | 3.974441967 | 100.8722225 | JKR Perak Tengah |
| 35 | T034 | 32.81 | 3.974164571 | 100.872123 | JKR Perak Tengah |
| 36 | T035 | 31.72 | 3.973906707 | 100.8720017 | JKR Perak Tengah |
| 37 | T036 | 33.59 | 3.973629233 | 100.8718831 | JKR Perak Tengah |
| 38 | T037 | 31.80 | 3.973368116 | 100.8717672 | JKR Perak Tengah |
| 39 | T038 | 32.93 | 3.973093574 | 100.871657 | JKR Perak Tengah |
| 40 | T039 | 32.12 | 3.972825845 | 100.8715493 | JKR Perak Tengah |
| 41 | T040 | 31.43 | 3.972566911 | 100.8714368 | JKR Perak Tengah |
| 42 | T041 | 31.92 | 3.972303313 | 100.8713239 | JKR Perak Tengah |



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| | | | | | |
|----|------|---------|-------------|-------------|---------------------------------|
| 43 | T042 | 32.58 | 3.972035661 | 100.8712054 | JKR Perak Tengah |
| 44 | T043 | 33.00 | 3.97176123 | 100.8710933 | JKR Perak Tengah |
| 45 | T044 | 33.98 | 3.971483347 | 100.870967 | JKR Perak Tengah |
| 46 | T045 | 34.37 | 3.9711985 | 100.870848 | JKR Perak Tengah |
| 47 | T046 | 32.85 | 3.970924876 | 100.8707374 | JKR Perak Tengah |
| 48 | T047 | 33.48 | 3.970647306 | 100.8706217 | JKR Perak Tengah |
| 49 | T048 | 33.90 | 3.970367051 | 100.8705024 | JKR Perak Tengah |
| 50 | T049 | 33.79 | 3.970085337 | 100.8703895 | JKR Perak Tengah |
| 51 | T050 | 35.39 | 3.969794684 | 100.8702607 | JKR Perak Tengah |
| 52 | T051 | 34.35 | 3.969510229 | 100.8701413 | JKR Perak Tengah |
| 53 | T052 | 38.46 | 3.969195039 | 100.8699997 | JKR Perak Tengah |
| 54 | T053 | 41.23 | 3.968854165 | 100.8698549 | JKR Perak Tengah |
| 55 | T054 | 40.23 | 3.968524872 | 100.8697059 | JKR Perak Tengah |
| 56 | T055 | 39.91 | 3.968191824 | 100.8695732 | JKR Perak Tengah |
| 57 | T056 | 41.33 | 3.96785207 | 100.8694235 | JKR Perak Tengah |
| 58 | T057 | 37.59 | 3.967539178 | 100.8692966 | JKR Perak Tengah |
| 59 | T058 | 1718.55 | 3.981660664 | 100.8755348 | Majlis Perbandaran Perak Tengah |
| 60 | T059 | 38.08 | 3.981552886 | 100.8758594 | Majlis Perbandaran Perak Tengah |
| 61 | T060 | 37.99 | 3.981447252 | 100.8761839 | Majlis Perbandaran Perak Tengah |
| 62 | T061 | 39.14 | 3.981339669 | 100.8765187 | Majlis Perbandaran Perak Tengah |
| 63 | T062 | 39.27 | 3.981208081 | 100.876846 | Majlis Perbandaran Perak Tengah |
| 64 | T063 | 36.68 | 3.981091389 | 100.8771542 | Majlis Perbandaran Perak Tengah |
| 65 | T064 | 44.08 | 3.980970591 | 100.8775313 | Majlis Perbandaran Perak Tengah |
| 66 | T065 | 36.03 | 3.980878343 | 100.8778415 | Majlis Perbandaran Perak Tengah |
| 67 | T066 | 37.12 | 3.980763718 | 100.8781546 | Majlis Perbandaran Perak Tengah |
| 68 | T067 | 35.79 | 3.980654088 | 100.8784569 | Majlis Perbandaran Perak Tengah |
| 69 | T068 | 37.50 | 3.980541653 | 100.8787744 | Majlis Perbandaran Perak Tengah |
| 70 | T069 | 36.82 | 3.980424792 | 100.8790839 | Majlis Perbandaran Perak Tengah |
| 71 | T070 | 37.00 | 3.980317587 | 100.8793985 | Majlis Perbandaran Perak Tengah |
| 72 | T071 | 41.33 | 3.980194088 | 100.8797486 | Majlis Perbandaran Perak Tengah |
| 73 | T072 | 37.78 | 3.980087339 | 100.8800708 | Majlis Perbandaran Perak Tengah |
| 74 | T073 | 32.61 | 3.980001441 | 100.8803508 | Majlis Perbandaran Perak Tengah |
| 75 | T074 | 39.14 | 3.979889515 | 100.8806842 | Majlis Perbandaran Perak Tengah |
| 76 | T075 | 35.14 | 3.979796054 | 100.8809857 | Majlis Perbandaran Perak Tengah |
| 77 | T076 | 670.43 | 3.981943865 | 100.8753591 | JKR Perak Tengah |
| 78 | T077 | 36.96 | 3.982250177 | 100.8754871 | JKR Perak Tengah |
| 79 | T078 | 32.53 | 3.982518337 | 100.8756032 | JKR Perak Tengah |
| 80 | T079 | 34.49 | 3.98280146 | 100.8757291 | JKR Perak Tengah |
| 81 | T080 | 34.95 | 3.983090194 | 100.8758524 | JKR Perak Tengah |
| 82 | T081 | 36.42 | 3.983396104 | 100.8759685 | JKR Perak Tengah |
| 83 | T082 | 34.88 | 3.983685549 | 100.8760886 | JKR Perak Tengah |
| 84 | T083 | 33.92 | 3.983967828 | 100.8762033 | JKR Perak Tengah |
| 85 | T084 | 33.65 | 3.984252231 | 100.8763058 | JKR Perak Tengah |
| 86 | T085 | 35.59 | 3.984549611 | 100.8764233 | JKR Perak Tengah |



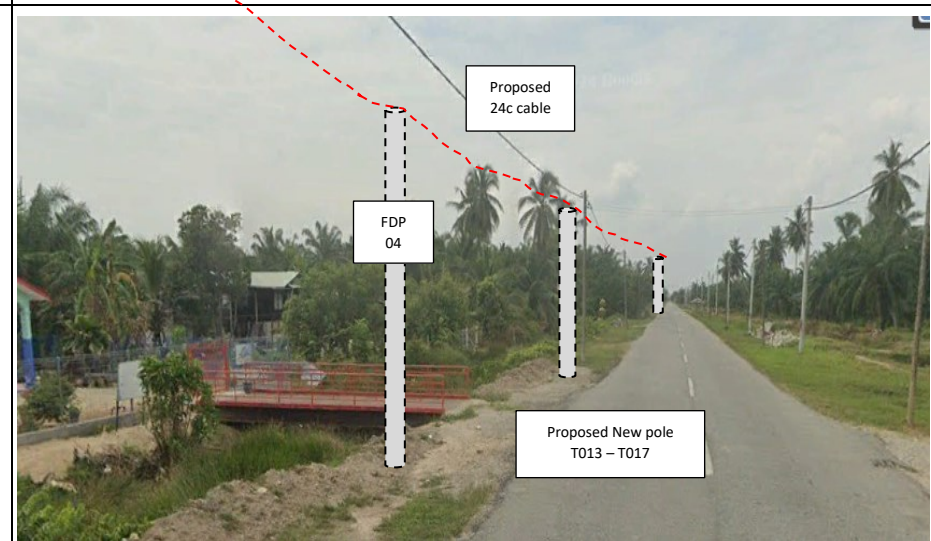
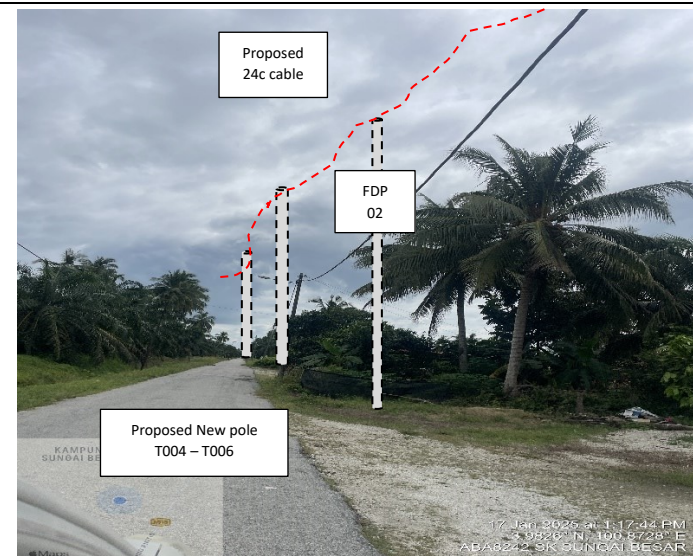
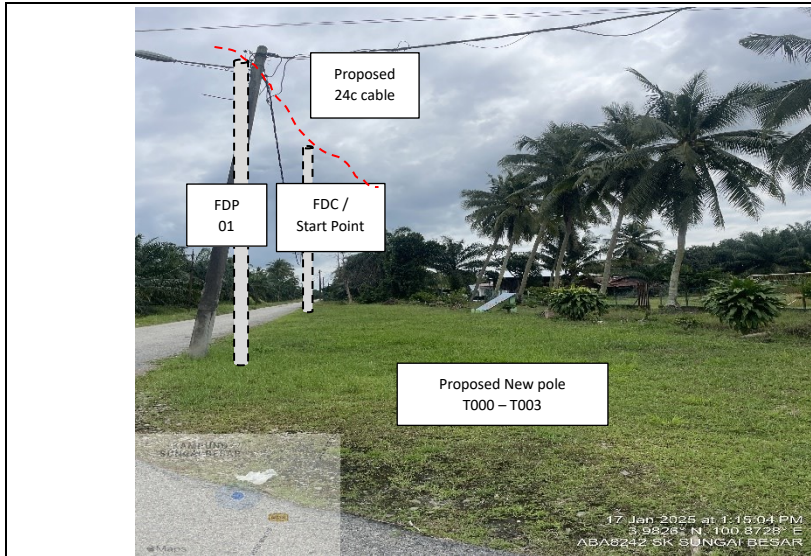
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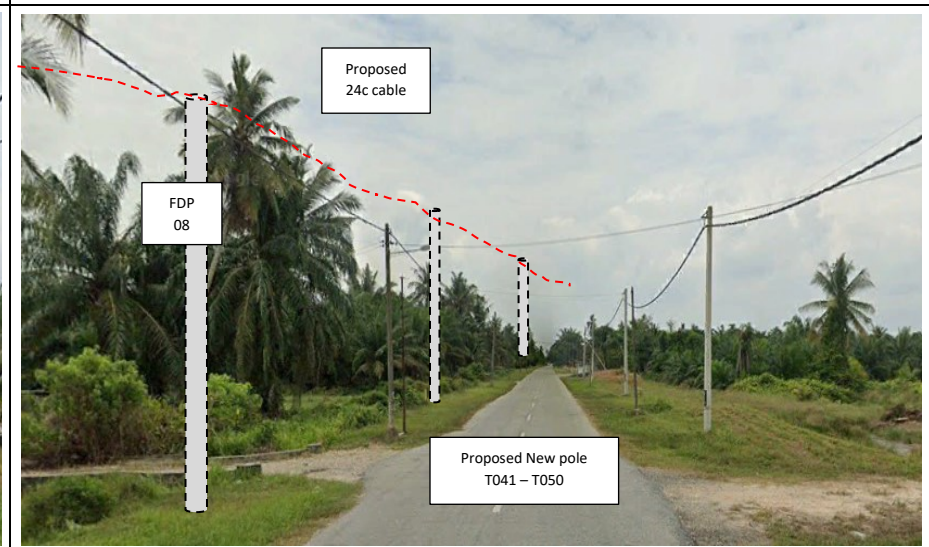
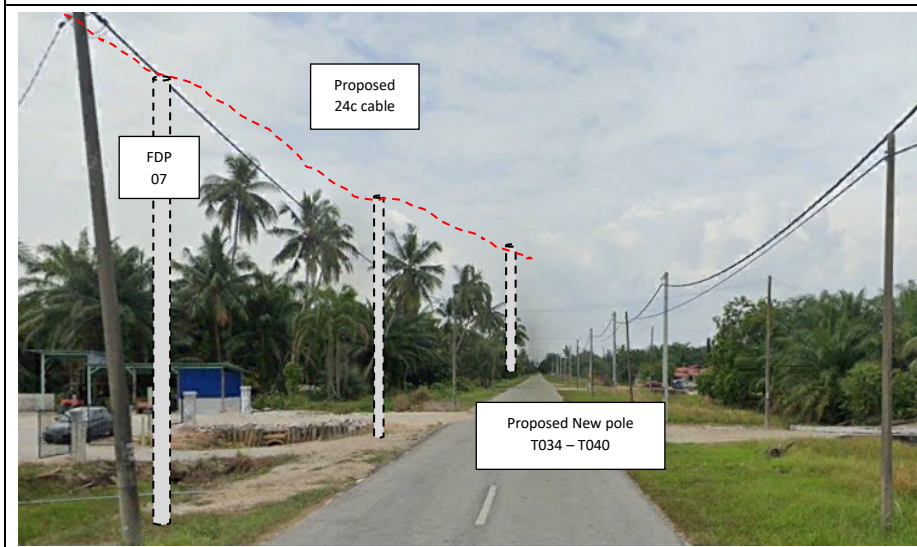
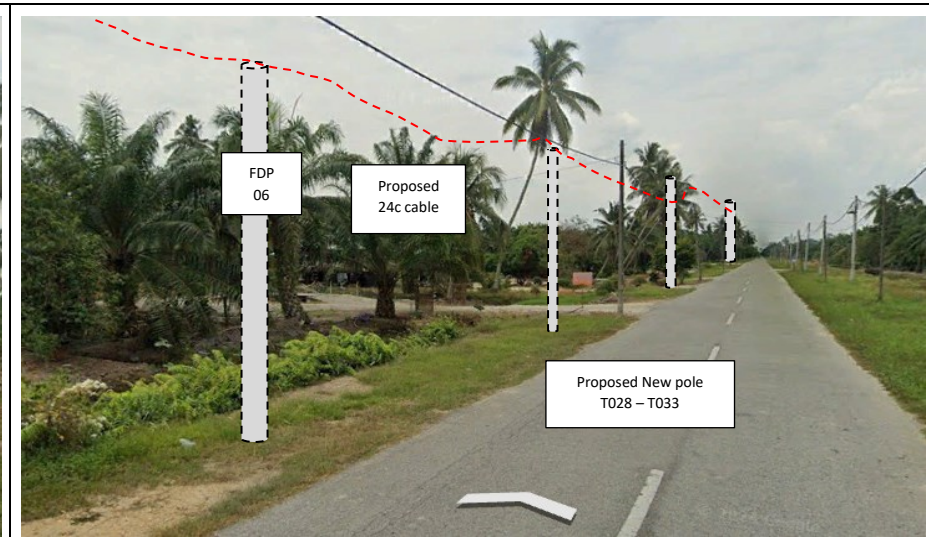
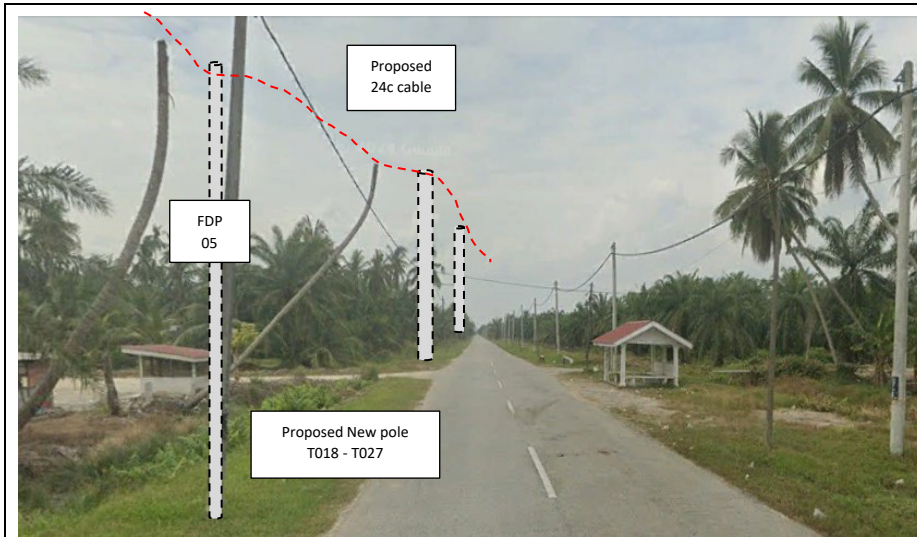


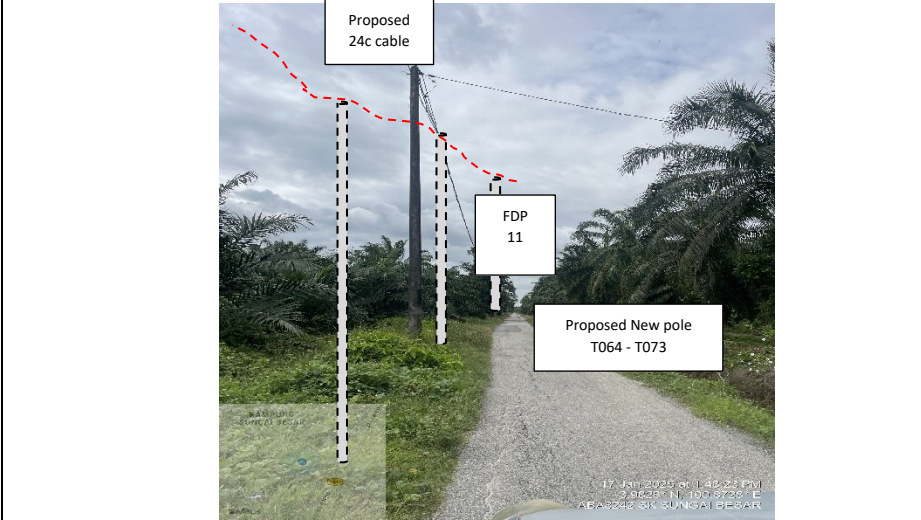
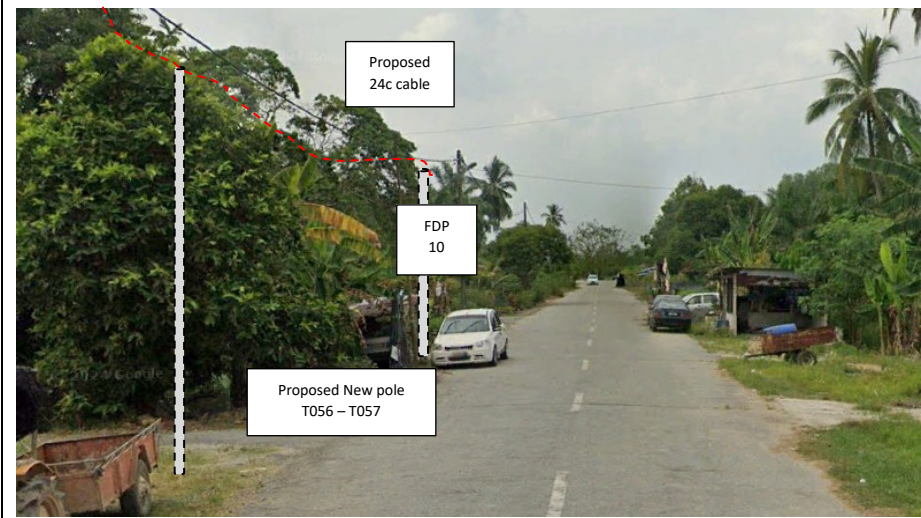
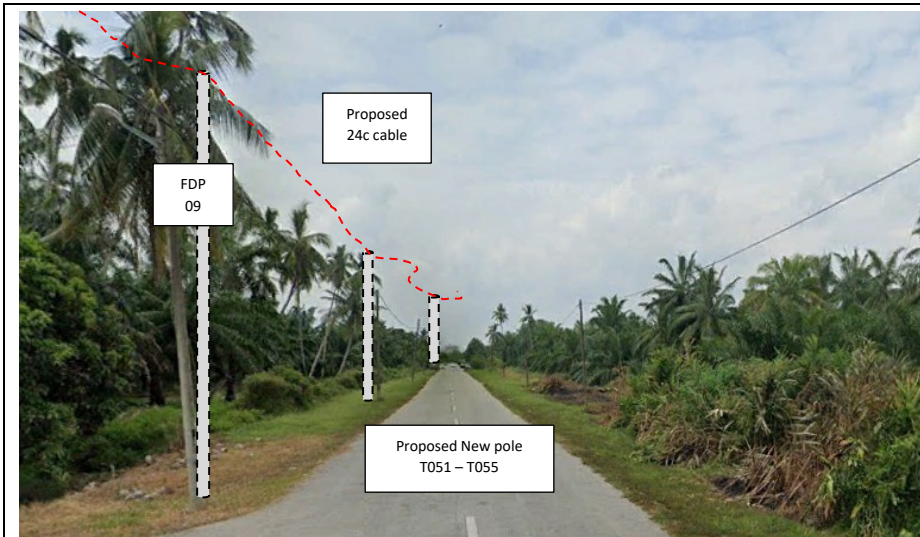
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|----|------|-------|-------------|-------------|------------------|
| 87 | T086 | 37.67 | 3.984861707 | 100.8765541 | JKR Perak Tengah |
| 88 | T087 | 37.26 | 3.985169943 | 100.8766846 | JKR Perak Tengah |
| 89 | T088 | 35.23 | 3.985463706 | 100.8768024 | JKR Perak Tengah |
| 90 | T089 | 47.08 | 3.985851684 | 100.8769707 | JKR Perak Tengah |
| 91 | T090 | 36.03 | 3.986149984 | 100.8770963 | JKR Perak Tengah |
| 92 | T091 | 35.38 | 3.986439724 | 100.8772269 | JKR Perak Tengah |
| 93 | T092 | 34.09 | 3.986721706 | 100.8773464 | JKR Perak Tengah |
| 94 | T093 | 34.93 | 3.987011606 | 100.8774664 | JKR Perak Tengah |
| 95 | T094 | 34.65 | 3.987296179 | 100.8775925 | JKR Perak Tengah |
| 96 | T095 | 33.61 | 3.987577837 | 100.8777012 | JKR Perak Tengah |
| 97 | T096 | 34.66 | 3.987866341 | 100.8778183 | JKR Perak Tengah |

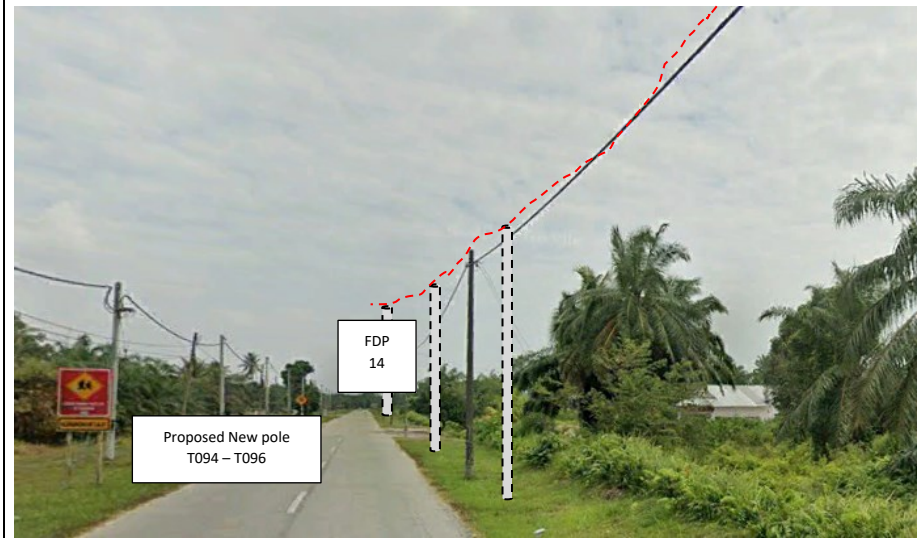
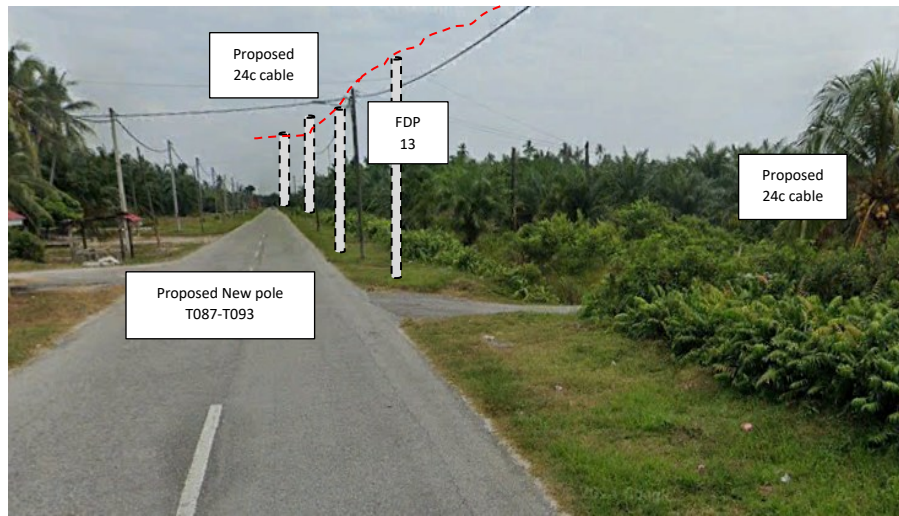
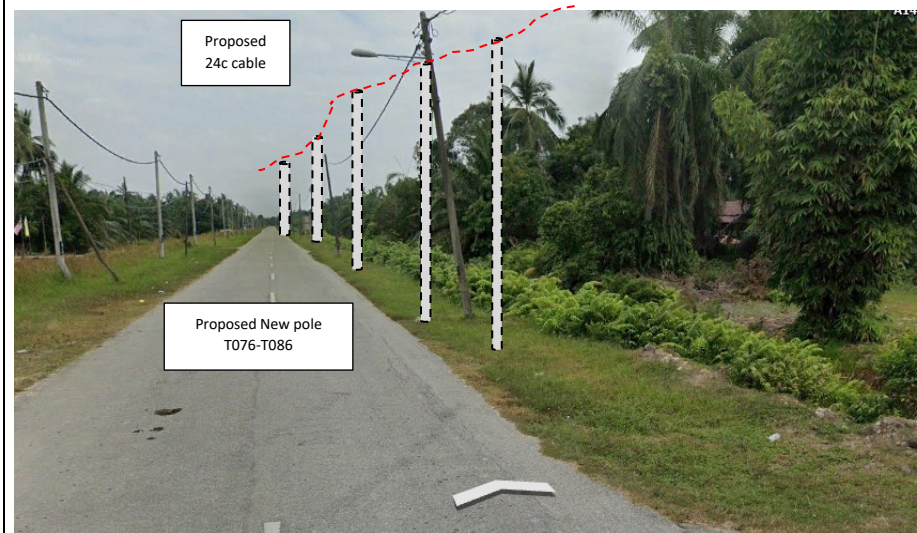
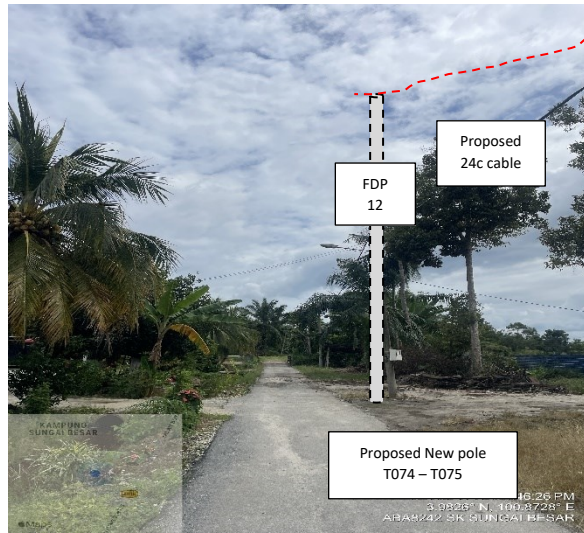
| Bil | Type | 7.5m | 9m | Total |
|-----|------------|------|----|-------|
| 1 | No Of Pole | 97 | 0 | 97 |

Site Photos – Proposed to install pole









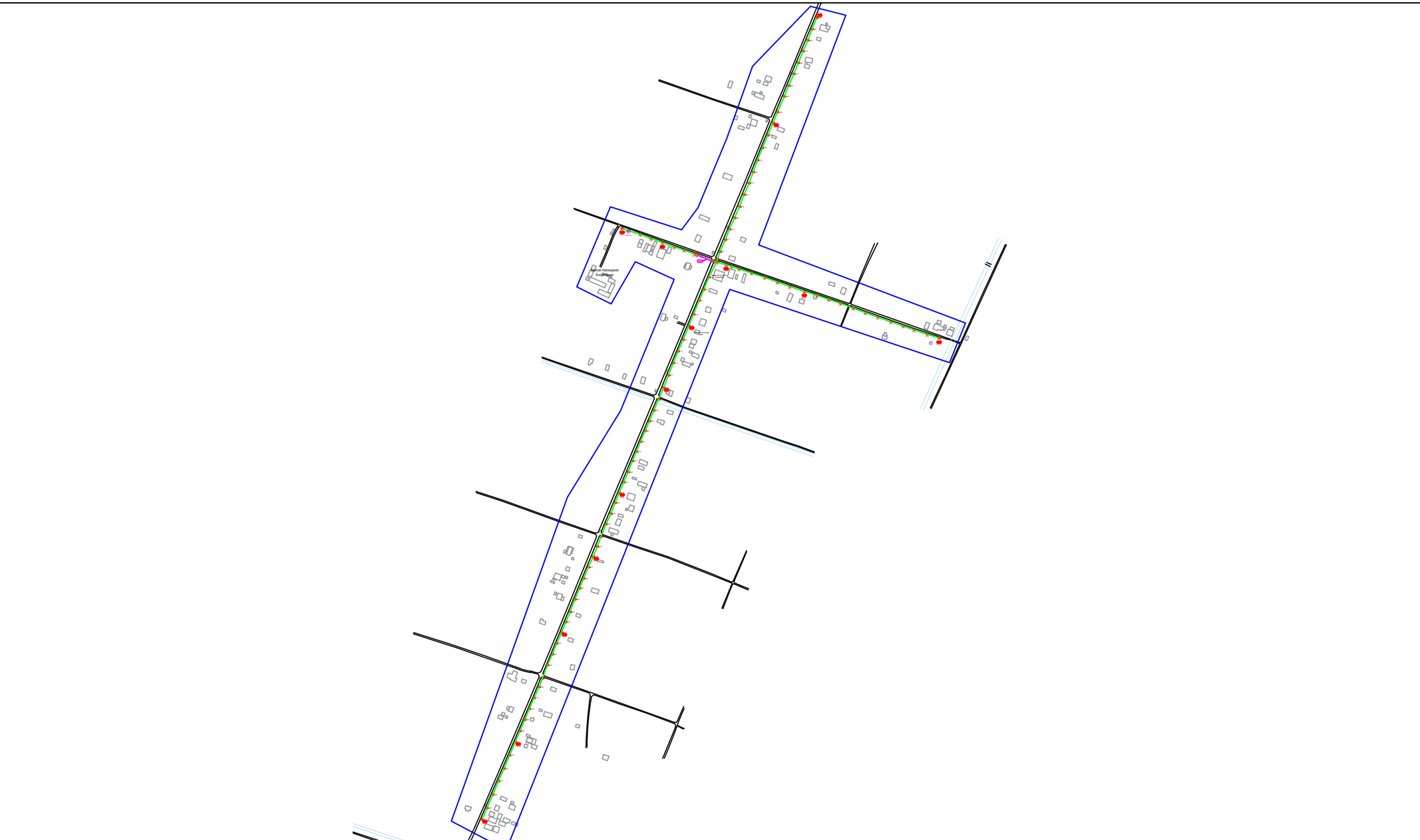


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3rd Parties Dependencies

| No. | Local Council/ Authority | Remark |
|-----|---------------------------------|--------|
| 1 | Majlis Perbandaran Perak Tengah | |
| 2 | Ladang/Private Estate | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |



| LEGEND | NOS. | NOS. | NOS. | NOS. | NOS. | NOS. | NOS. | NOS. | NOS. | | | |
|----------|------|-------------------------------------|------|-----------------------|------|-------------------------|------|------------------------|------|--------------------------|--|-----------------------------|
| 12C FOC | | Installed 1:4 / 1:8 / 1:32 splitter | | Installed Pole (9m) | | Suspension | | BS30 New Manhole (PIT) | | Micro-Trenching (Meter) | | MHI MH NO. |
| 24C FOC | 349 | Installed Patch Cord | | Installed Pole (7.5M) | 97 | Tension | | BS7 New Manhole(JRC7) | 2 | Temporary Infra (Meter) | | TKS-1 Existing TNB Pole NO. |
| 48C FOC | | FDC | 1 | Installed Pole (6.7M) | | Pole Ring | | FDP Boundary | | Loop / Coil (Meter) | | P001 New Pole NO. |
| 96C FOC | | Closure | 1 | Existing TNB Pole | | FDP with (1:8) splitter | 14 | HDD (Meter) | 70 | # Active Outdoor Cabinet | | CL01 Closure NO. |
| 144C FOC | | Existing Closure | | Installed Riser | | Existing Manhole | | Open Cut (Meter) | | 001 FDC NO. | | DP1 FDP NO. |

ACTUAL HOMEPASS :

KEY PLAN :

POP2 PROJECT IN PERAK

OWNER/DEVELOPER :



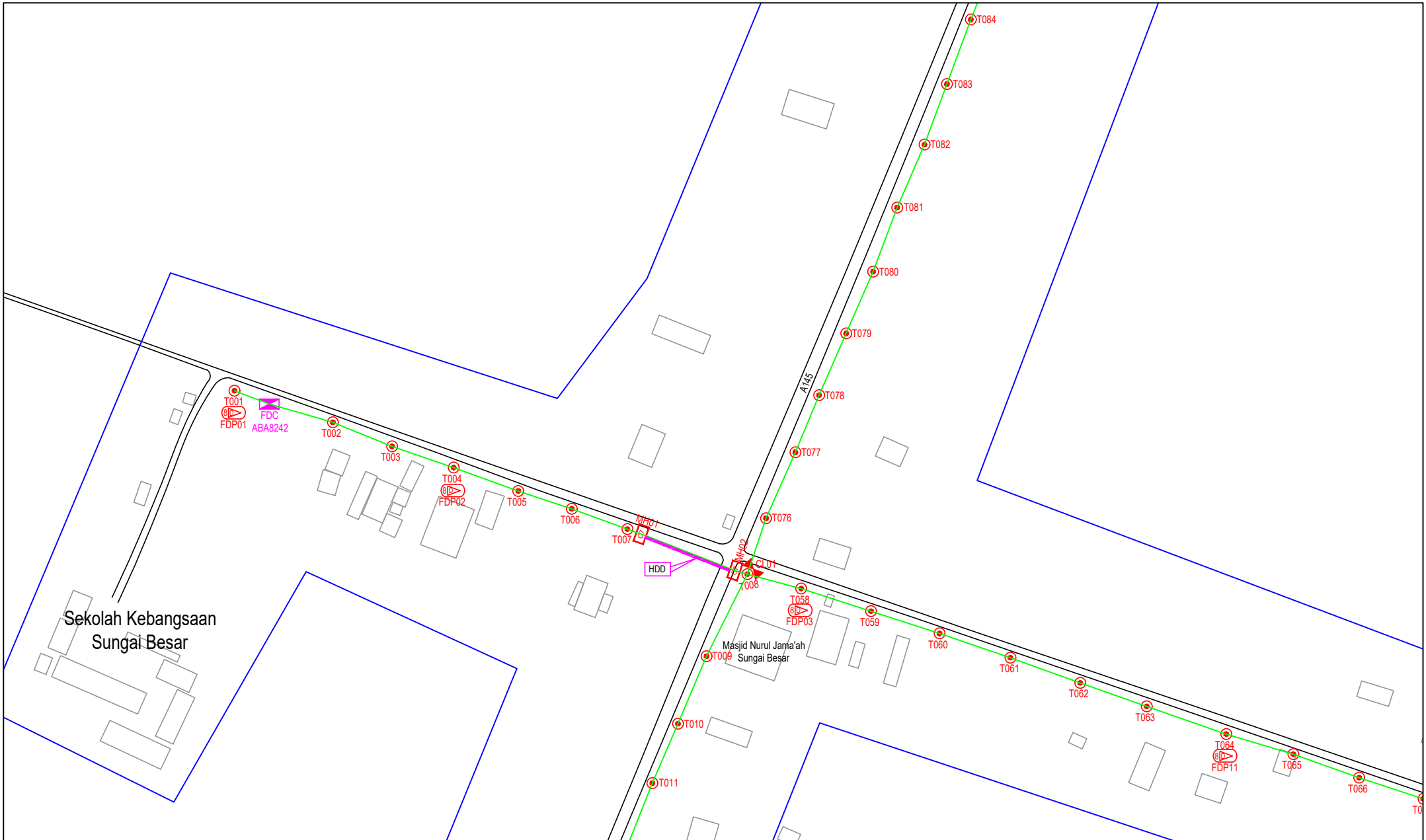
MAIN CONTRACTOR :

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

DRAWING TITLE:
AS-BUILT SITE PLAN DRAWING
ABA8242
SEKOLAH KEBANGSAAN SUNGAI BESAR

PROJECT PHASE:
POP 2

| | |
|--|----------------------|
| Design By : ENGINEER | Date : JAN 2025 |
| Drawn By : CAD ENGINEER | Scale : NOT TO SCALE |
| Checked By : ENGINEER | Job Number : 1 |
| DRAWING NUMBER : ABA8242-ABD-01 | Sheet : 1/8 |
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| Size : A3 | |

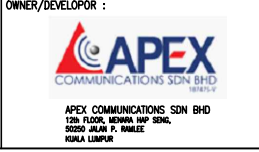
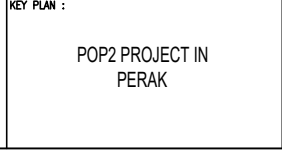


| | | | | | | | | | |
|----------|-------------------------------------|-----------------------|-------------------------|------------------------|-------------------------|-----------------------------|------|------|------|
| LEGEND | NOS. | NOS. | NOS. | NOS. | NOS. | NOS. | NOS. | NOS. | NOS. |
| 12C FOC | Installed 1:4 / 1:8 / 1:32 splitter | Installed Pole (9m) | Suspension | ES30 New Manhole (PIT) | Micro-Trenching (Meter) | MHI 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 | Installed 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. | DP1 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:

AS-BUILT SITE PLAN DRAWING
ABA8242
SEKOLAH KEBANGSAAN
SUNGAI BESAR

PROJECT PHASE:

POP 2

Design By : ENGINEER

Date : JAN 2025

Drawn By : CAD ENGINEER

Scale : NOT TO SCALE

Checked By : ENGINEER

Job Number : 1

DRAWING NUMBER :

ABA8242-ABD-01A

Sheet :

2/8

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Size :

A3




| LEGEND | NOS. | NOS. | NOS. | NOS. | NOS. | NOS. | NOS. | NOS. | NOS. | | | |
|----------|------|-------------------------------------|------|-----------------------|------|-------------------------|------|------------------------|------|--------------------------|--|-----------------------------|
| 12C FOC | | Installed 1:4 / 1:8 / 1:32 splitter | | Installed Pole (9m) | | Suspension | | BS30 New Manhole (PIT) | | Micro-Trenching (Meter) | | MH1 MH NO. |
| 24C FOC | 349 | Installed Patch Cord | | Installed Pole (7.5M) | 97 | Tension | | CS7 New Manhole(JRC7) | 2 | Temporary Infra (Meter) | | TKS-1 Existing TNB Pole NO. |
| 48C FOC | | FDC | 1 | Installed Pole (6.7M) | | Pole Ring | | FDP Boundary | | Loop / Coil (Meter) | | P001 New Pole NO. |
| 96C FOC | | Closure | 1 | Existing TNB Pole | | FDP with (1:8) splitter | 14 | HDD (Meter) | 70 | # Active Outdoor Cabinet | | CL01 Closure NO. |
| 144C FOC | | Existing Closure | | Installed Riser | | Existing Manhole | | Open Cut (Meter) | | 001 FDC NO. | | DP1 FDP NO. |

ACTUAL HOMEPASS :

KEY PLAN :

POP2 PROJECT IN PERAK

OWNER/DEVELOPER :



APEX COMMUNICATIONS SDN BHD
12th FLOOR, MENARA IMP 2008,
50250 JALAN P. RAMLEE
KUALA LUMPUR

MAIN CONTRACTOR :



WCWL COMMUNICATIONS SDN BHD
127, JALAN PAU 3/3, TAMAN PUNCAK JAYA,
MAYANG PUTRA PERIMA,
43300 SERI KEMBANGAN, SELANGOR
TEL : +603 9383 9383
E-MAIL : info@wcwlcommunications.com.my

PROJECT TITLE :

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

DRAWING TITLE:

AS-BUILT SITE PLAN DRAWING
ABA8242
SEKOLAH KEBANGSAAN
SUNGAI BESAR

PROJECT PHASE:

POP 2

| | |
|--|----------------------|
| Design By : ENGINEER | Date : JAN 2025 |
| Drawn By : CAD ENGINEER | Scale : NOT TO SCALE |
| Checked By : ENGINEER | Job Number : 1 |
| DRAWING NUMBER : ABA8242-ABD-01B | Sheet : 3/8 |
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| LEGEND | NOS. | NOS. | NOS. | NOS. | NOS. | NOS. | NOS. | NOS. | NOS. | NOS. | |
|----------|------|-----------------------|------|-------------------------|------|-------------------|------|-------------------------|------|-------|-----------------------|
| 12C FOC | | Installed Pole (9m) | 97 | Suspension | | New Manhole (PIT) | | Micro-Trenching (Meter) | | MHI | MH NO. |
| 24C FOC | 349 | Installed Pole (7.5M) | | Tension | | New Manhole(JRC7) | 2 | Temporary Infra (Meter) | | TKS-1 | Existing TNB Pole NO. |
| 48C FOC | | Installed Pole (6.7M) | | Pole Ring | | FDP Boundary | | Loop / Coil (Meter) | | P001 | New Pole NO. |
| 96C FOC | | Existing TNB Pole | | FDP with (1:8) splitter | 14 | HDD (Meter) | 70 | Active Outdoor Cabinet | | CL01 | Closure NO. |
| 144C FOC | | Installed Riser | | Existing Manhole | | Open Cut (Meter) | | FDC NO. | | DP1 | FDP NO. |

ACTUAL HOMEPASS :

KEY PLAN :


POP2 PROJECT IN PERAK

OWNER/DEVELOPER :



APEX COMMUNICATIONS SDN BHD
12th FLOOR, MENARA IMP 2008,
50250 JALAN P. RAMLEE
KUALA LUMPUR

MAIN CONTRACTOR :



WCWL COMMUNICATIONS SDN BHD
127, JALAN PAU 3/3, TAMAN PUNCAK JAYA,
BANDAR PUTRA PERAI,
43300 SERI KEMBANGAN, SELANGOR
TEL: +603 9538 9933
E-MAIL: info@wcwlcommunications.com.my

PROJECT TITLE :

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

DRAWING TITLE:

AS-BUILT SITE PLAN DRAWING
ABA8242
SEKOLAH KEBANGSAAN SUNGAI BESAR

PROJECT PHASE:
POP 2

| | |
|--|----------------------|
| Design By : ENGINEER | Date : JAN 2025 |
| Drawn By : CAD ENGINEER | Scale : NOT TO SCALE |
| Checked By : ENGINEER | Job Number : 1 |
| DRAWING NUMBER : ABA8242-ABD-01C | Sheet : 4/8 |
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| Size : A3 | |

Design By : ENGINEER

Date : JAN 2025

Drawn By : CAD ENGINEER

Scale : NOT TO SCALE

Checked By : ENGINEER

Job Number : 1

DRAWING NUMBER :
ABA8242-ABD-01C

Sheet :
4/8

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Size :
A3



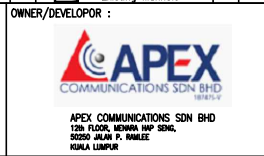
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|----------|------|-------------------------------------|------|-----------------------|------|-------------------------|------|------------------------|------|--------------------------|--|-----------------------------|--|
| 12C FOC | | Installed 1:4 / 1:8 / 1:32 splitter | | Installed Pole (9m) | | Suspension | | ES30 New Manhole (PIT) | | Micro-Trenching (Meter) | | MHI MH NO. | |
| 24C FOC | 349 | Installed Patch Cord | | Installed Pole (7.5M) | 97 | Tension | | ES7 New Manhole(JRC7) | 2 | Temporary Infra (Meter) | | TKS-1 Existing TNB Pole NO. | |
| 48C FOC | | FDC | 1 | Installed Pole (6.7M) | | Pole Ring | | FDP Boundary | | Loop / Coil (Meter) | | P001 New Pole NO. | |
| 96C FOC | | Closure | 1 | Existing TNB Pole | | FDP with (1:8) splitter | 14 | HDD (Meter) | 70 | # Active Outdoor Cabinet | | CL01 Closure NO. | |
| 144C FOC | | Existing Closure | | Installed Riser | | Existing Manhole | | Open Cut (Meter) | | 01 FDC NO. | | DP1 FDP NO. | |

ACTUAL HOMEPASS :

KEY PLAN :

POP2 PROJECT IN PERAK

OWNER/DEVELOPER :



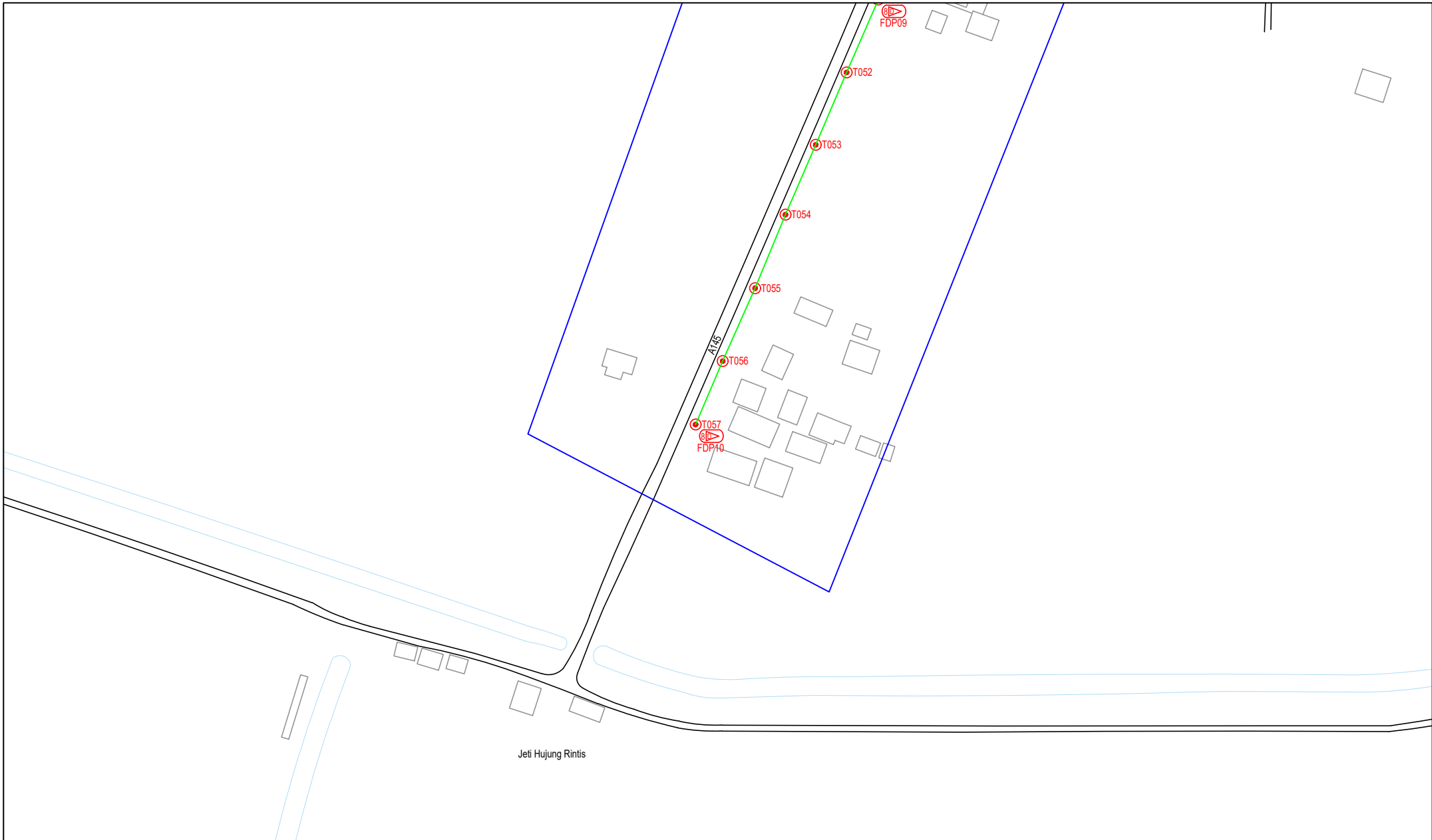
MAIN CONTRACTOR :

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

PROJECT TITLE :

DRAWING TITLE:
AS-BUILT SITE PLAN DRAWING
ABA8242
SEKOLAH KEBANGSAAN SUNGAI BESAR

| | |
|--|----------------------|
| Design By : ENGINEER | Date : JAN 2025 |
| Drawn By : CAD ENGINEER | Scale : NOT TO SCALE |
| Checked By : ENGINEER | Job Number : 1 |
| DRAWING NUMBER : ABA8242-ABD-01D | Sheet : 5/8 |
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| PROJECT PHASE : POP 2 | Size : A3 |



| LEGEND | NOS. | NOS. | NOS. | NOS. | NOS. | NOS. | NOS. | NOS. | NOS. |
|----------|------|-----------------------|------|-------------------------|------|-------------------|------|-------------------------|------|
| 12C FOC | | Installed Pole (9m) | 1 | Suspension | | New Manhole (PIT) | | Micro-Trenching (Meter) | |
| 24C FOC | 349 | Installed Pole (7.5M) | 97 | Tension | | New Manhole(JRC7) | 2 | Temporary Infra (Meter) | |
| 48C FOC | | Installed Pole (6.7M) | | Pole Ring | | FDP Boundary | | Loop / Coil (Meter) | |
| 96C FOC | | Closure | 1 | FDP with (1:8) splitter | 14 | HDD (Meter) | 70 | Active Outdoor Cabinet | |
| 144C FOC | | Existing Closure | | Existing Manhole | | Open Cut (Meter) | | FDC NO. | |

ACTUAL HOMEPASS :

KEY PLAN :
POP2 PROJECT IN PERAK

OWNER/DEVELOPER :

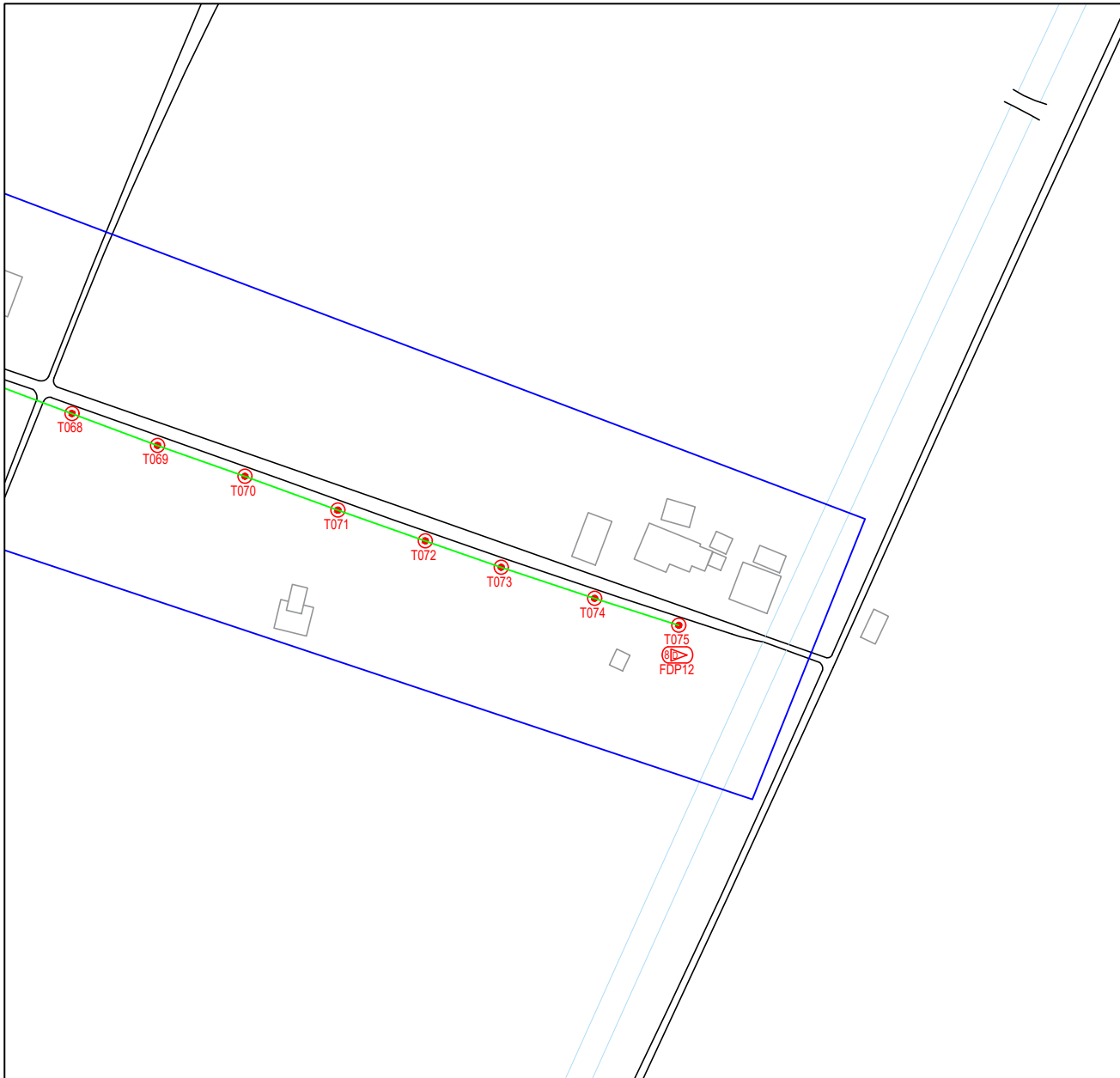


MAIN CONTRACTOR :
CONTRACTOR FOR SURVEY, TECHNICAL PROPOSAL AND WAYLEAVE, & PERMIT APPROVAL - POP2 PROJECT

PROJECT TITLE :
AS-BUILT SITE PLAN DRAWING ABAB242 SEKOLAH KEBANGSAAN SUNGAI BESAR

PROJECT PHASE :
POP 2

| | |
|--|-----------------------|
| Design By : ENGINEER | Date : JAN 2025 |
| Drawn By : CAD ENGINEER | Scale : NOT TO SCALE |
| Checked By : ENGINEER | Job Number : 1 |
| DRAWING NUMBER : ABAB242-ABD-01E | Sheet : 6/8 |
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| Size : A3 | |

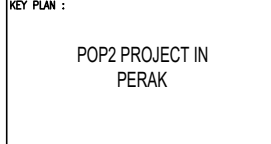


| LEGEND | NOS. | NOS. | NOS. | NOS. | NOS. | NOS. | NOS. | NOS. | NOS. | | | | |
|----------|------|-------------------------------------|------|-----------------------|------|-------------------------|------|-------------------|------|-------------------------|--|-------|-----------------------|
| 12C FOC | | Installed 1:4 / 1:8 / 1:32 splitter | | Installed Pole (9m) | | Suspension | | New Manhole (PIT) | | Micro-Trenching (Meter) | | MHI | MH NO. |
| 24C FOC | 349 | Installed Patch Cord | | Installed Pole (7.5M) | 97 | Tension | | New Manhole(JRC7) | 2 | Temporary Infra (Meter) | | TKS-1 | Existing TNB Pole NO. |
| 48C FOC | | FDC | 1 | Installed Pole (6.7M) | | Pole Ring | | FDP Boundary | | Loop / Coil (Meter) | | P001 | New Pole NO. |
| 96C FOC | | Closure | 1 | Existing TNB Pole | | FDP with (1:8) splitter | 14 | HDD (Meter) | 70 | # | | CL01 | Closure NO. |
| 144C FOC | | Existing Closure | | Installed Riser | | Existing Manhole | | Open Cut (Meter) | | 001 | | DP1 | FDP NO. |

ACTUAL HOMEPASS :

KEY PLAN :

POP2 PROJECT IN PERAK



OWNER/DEVELOPOR :

APEX COMMUNICATIONS SDN BHD
12th FLOOR, MENARA IMP 2006,
50250 JALAN P. RAMLEE
KUALA LUMPUR

MAIN CONTRACTOR :

WCWL COMMUNICATIONS SDN BHD
127, JALAN PAU 3/3, TAMAN PUNCAK JAYA,
BANDAR PUTRA PERAI,
43300 SERI KEMBANGAN, SELANGOR
TEL : +603 9558 9553
E-MAIL : info@wcwlcommunications.com.my

PROJECT TITLE :

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

DRAWING TITLE:
AS-BUILT SITE PLAN DRAWING
ABA8242
SEKOLAH KEBANGSAAN
SUNGAI BESAR

PROJECT PHASE:
POP 2

| | |
|--|----------------------|
| Design By : ENGINEER | Date : JAN 2025 |
| Drawn By : CAD ENGINEER | Scale : NOT TO SCALE |
| Checked By : ENGINEER | Job Number : 1 |
| DRAWING NUMBER : ABA8242-ABD-01F | Sheet : 7/8 |
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