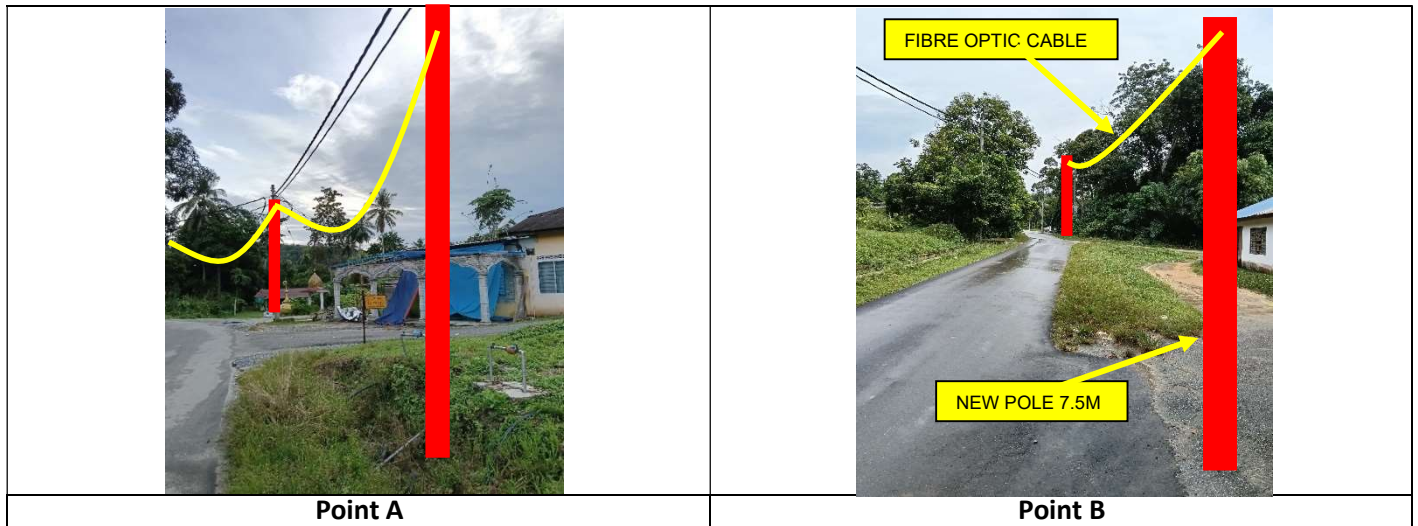


TECHNICAL PROPOSAL

ABA4058 - SEKOLAH KEBANGSAAN KAMPUNG NASIB (D-SIDE)

Company Name : ARATIMUR SDN BHD
Company Address : A-08-13, 8th Floor, Block A, Radia Office, Persiaran Singgahsana, 40150 Bukit Jelutong, Shah Alam, Selangor.
Prepared By : Muhammad Danieal Adikha Bin Zaidi
Date : 06/02/2025



Starting Point

Site / Boundary Name : SK KAMPUNG NASIB
Address : Jalan SK Kampung Nasib, Jalan Ipoh, Kampung Setia, 33660 Kuala Kangsar, Perak
District : Kuala Kangsar
Postcode : 36600
State : Perak
GPS Coordinate : 4.837984, 100.983943
LRD : A

End Point

Site / Boundary Name : Kampong Melayu
Address : Lot 765, RPT salak, Mukim, Kampung Tersusun Salak, 31050 Kuala Kangsar, Perak
District : Kuala Kangsar
Postcode : 36600
State : Perak
GPS Coordinate : 4.836658, 100.991572
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))



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 | 2,240 |
| 2 | Install New Pole | ea | 64 |
| 3 | Install New JRC7 Manhole | ea | 0 |
| 4 | Install GI Riser 100mm | ea | 0 |
| 5 | Install Fiber Distribution Point and Closure (Splicing, Termination and Testing) | ea | 17 |
| 6 | Estimated Time Required for Completion | days | 30 |



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))



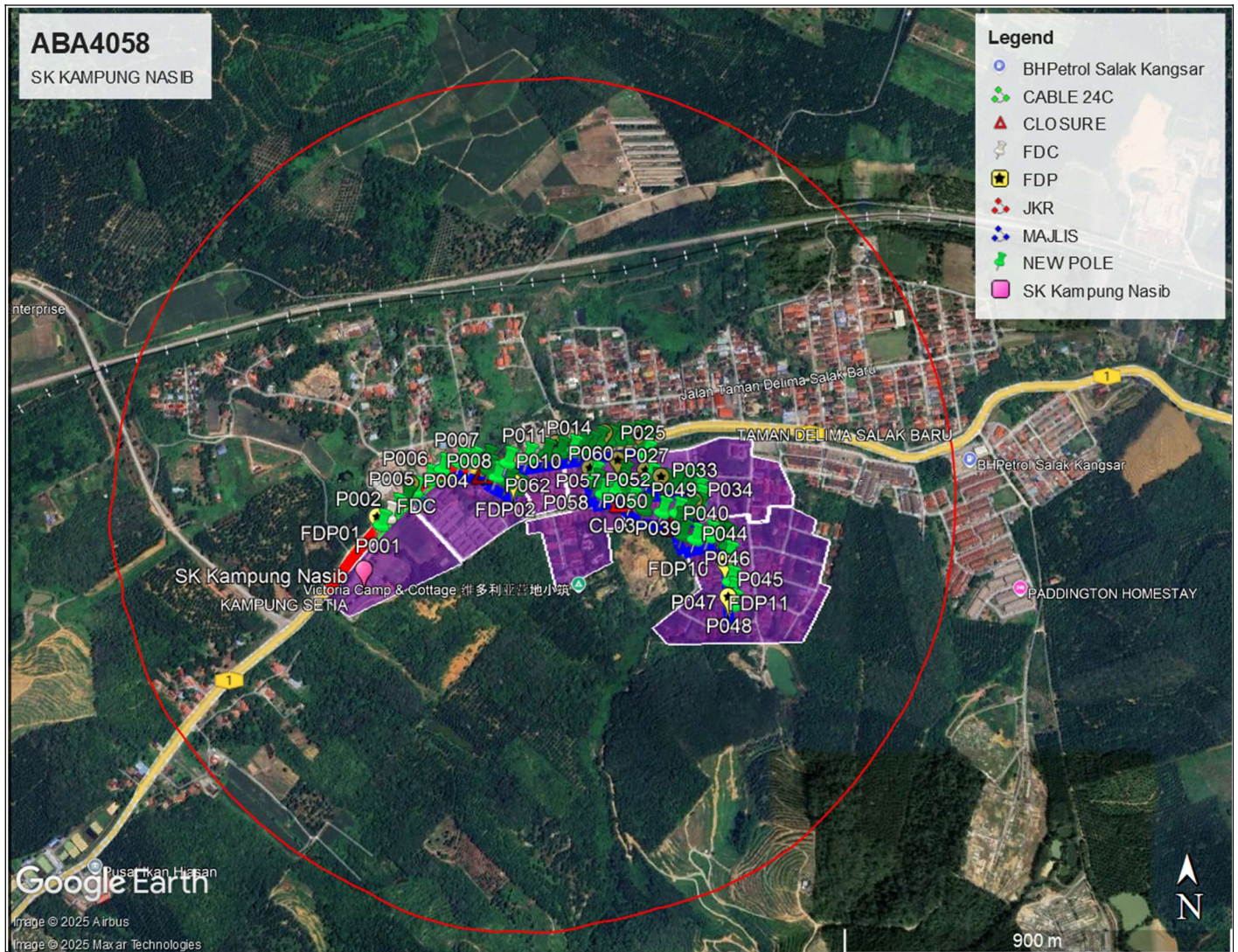
2.0 LOCAL AUTHORITY SUMMARY

| NO | ITEMS | Owner | Quantity | Distance (m) |
|---------------------------|----------|--------|----------|--------------|
| 1 | HDD | JKR | - | - |
| | | Majlis | - | - |
| | | PDT | - | - |
| 2 | New Pole | JKR | 9 | 315 |
| | | Majlis | 55 | 1,925 |
| | | PDT | - | - |
| Total Distance (m) | | | | 2,240 |

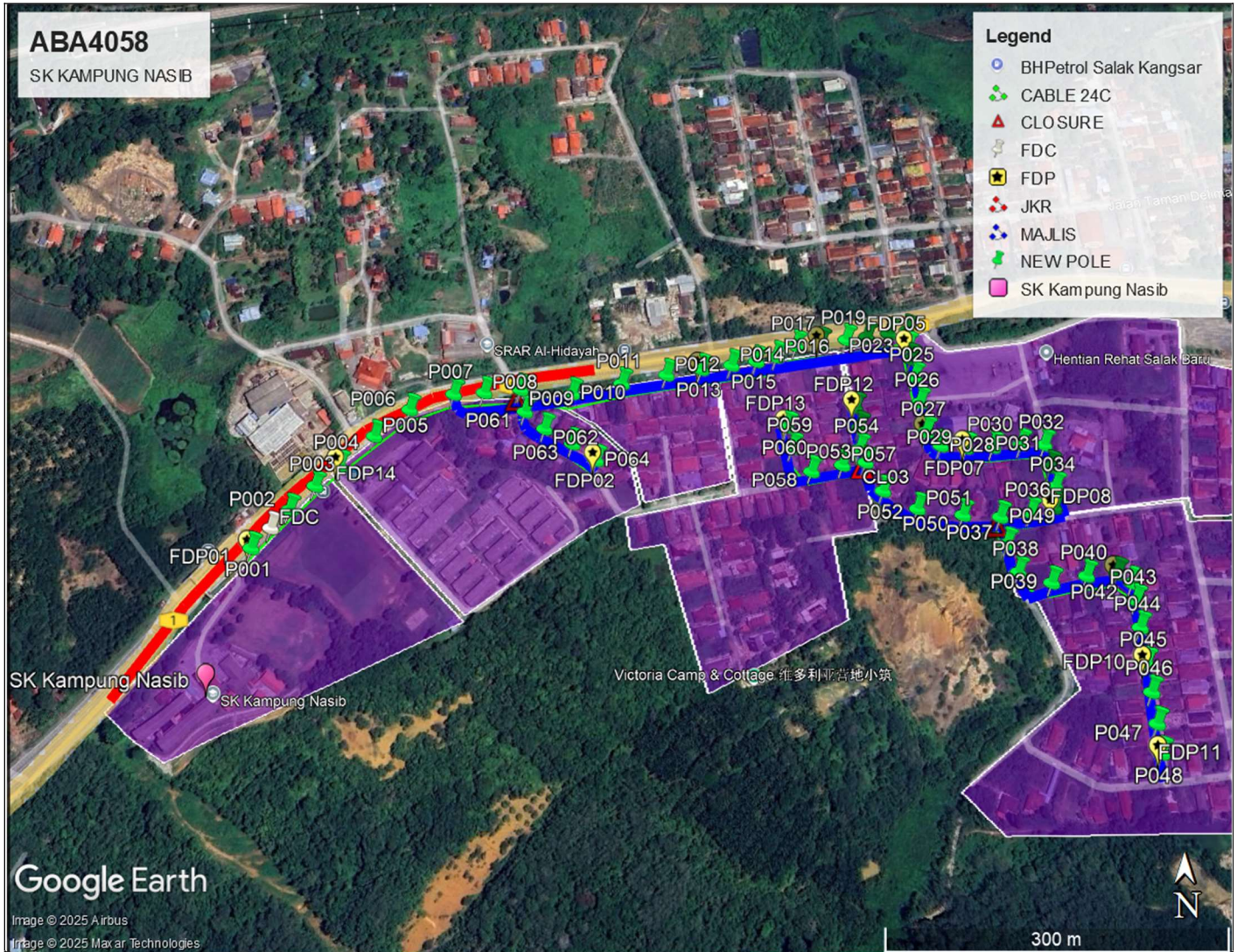
3.0 SITE PLAN (KMZ)

3.1 Overview Site Area

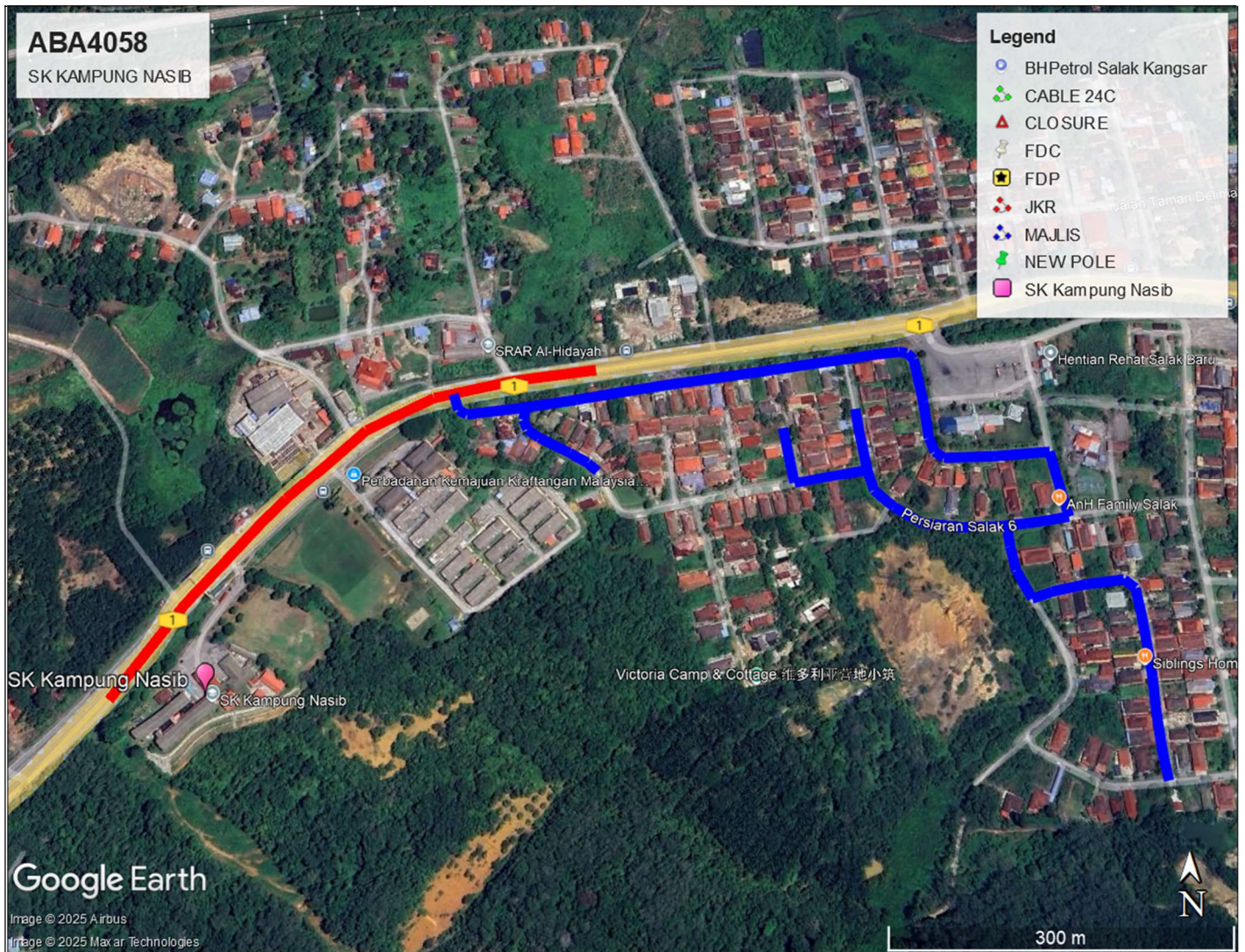
3.2



3.3 Site Boundary



3.3 Road Boundary



4.0 PROPOSED NEW POLE

| No. | Pole Number | Distance (m) | Latitude | Longitude | Local Authority |
|-----|-------------|--------------|-----------|-------------|--------------------------|
| 1 | P001 | 35 | 4.9230250 | 101.0687280 | JKR Daerah Kuala Kangsar |
| 2 | P002 | 35 | 4.9228880 | 101.0686210 | JKR Daerah Kuala Kangsar |
| 3 | P003 | 35 | 4.9226880 | 101.0684380 | JKR Daerah Kuala Kangsar |
| 4 | P004 | 35 | 4.9224910 | 101.0682620 | JKR Daerah Kuala Kangsar |
| 5 | P005 | 35 | 4.9227290 | 101.0663821 | JKR Daerah Kuala Kangsar |
| 6 | P006 | 35 | 4.9222600 | 101.0677220 | JKR Daerah Kuala Kangsar |
| 7 | P007 | 35 | 4.9221750 | 101.0674530 | JKR Daerah Kuala Kangsar |
| 8 | P008 | 35 | 4.9263387 | 101.0655977 | JKR Daerah Kuala Kangsar |
| 9 | P009 | 35 | 4.9221680 | 101.0670150 | JKR Daerah Kuala Kangsar |
| 10 | P010 | 35 | 4.9221600 | 101.0667400 | JKR Daerah Kuala Kangsar |
| 11 | P011 | 35 | 4.9221340 | 101.0665800 | JKR Daerah Kuala Kangsar |
| 12 | P012 | 35 | 4.9221240 | 101.0662930 | JKR Daerah Kuala Kangsar |
| 13 | P013 | 35 | 4.9233630 | 101.0656847 | JKR Daerah Kuala Kangsar |
| 14 | P014 | 35 | 4.9220550 | 101.0656620 | JKR Daerah Kuala Kangsar |
| 15 | P015 | 35 | 4.9220350 | 101.0654310 | JKR Daerah Kuala Kangsar |
| 16 | P016 | 35 | 4.9220280 | 101.0651500 | JKR Daerah Kuala Kangsar |
| 17 | P017 | 35 | 4.9260506 | 101.0627918 | JKR Daerah Kuala Kangsar |
| 18 | P018 | 35 | 4.9219640 | 101.0645800 | JKR Daerah Kuala Kangsar |
| 19 | P019 | 35 | 4.9219430 | 101.0643220 | JKR Daerah Kuala Kangsar |
| 20 | P020 | 35 | 4.9219300 | 101.0640050 | JKR Daerah Kuala Kangsar |
| 21 | P021 | 35 | 4.9219530 | 101.0637450 | JKR Daerah Kuala Kangsar |
| 22 | P022 | 35 | 4.9221780 | 101.0643150 | JKR Daerah Kuala Kangsar |
| 23 | P023 | 35 | 4.9224366 | 101.0645138 | JKR Daerah Kuala Kangsar |
| 24 | P024 | 35 | 4.9226390 | 101.0647080 | JKR Daerah Kuala Kangsar |
| 25 | P025 | 35 | 4.9221160 | 101.0653460 | JKR Daerah Kuala Kangsar |
| 26 | P026 | 35 | 4.9224470 | 101.0654690 | JKR Daerah Kuala Kangsar |
| 27 | P027 | 35 | 4.9240571 | 101.0648187 | JKR Daerah Kuala Kangsar |
| 28 | P028 | 35 | 4.9228770 | 101.0657990 | JKR Daerah Kuala Kangsar |
| 29 | P029 | 35 | 4.9247041 | 101.0658879 | JKR Daerah Kuala Kangsar |
| 30 | P030 | 35 | 4.9233250 | 101.0661780 | JKR Daerah Kuala Kangsar |
| 31 | P031 | 35 | 4.9234430 | 101.0662840 | JKR Daerah Kuala Kangsar |
| 32 | P032 | 35 | 4.9236150 | 101.0664400 | JKR Daerah Kuala Kangsar |
| 33 | P033 | 35 | 4.9245298 | 101.0652851 | JKR Daerah Kuala Kangsar |
| 34 | P034 | 35 | 4.9237850 | 101.0670840 | JKR Daerah Kuala Kangsar |
| 35 | P035 | 35 | 4.9281582 | 101.0733202 | JKR Daerah Kuala Kangsar |
| 36 | P036 | 35 | 4.9238720 | 101.0676060 | JKR Daerah Kuala Kangsar |
| 37 | P037 | 35 | 4.9240310 | 101.0677140 | JKR Daerah Kuala Kangsar |
| 38 | P038 | 35 | 4.9243070 | 101.0676410 | JKR Daerah Kuala Kangsar |
| 39 | P039 | 35 | 4.9245610 | 101.0674870 | JKR Daerah Kuala Kangsar |
| 40 | P040 | 35 | 4.9247680 | 101.0673310 | JKR Daerah Kuala Kangsar |

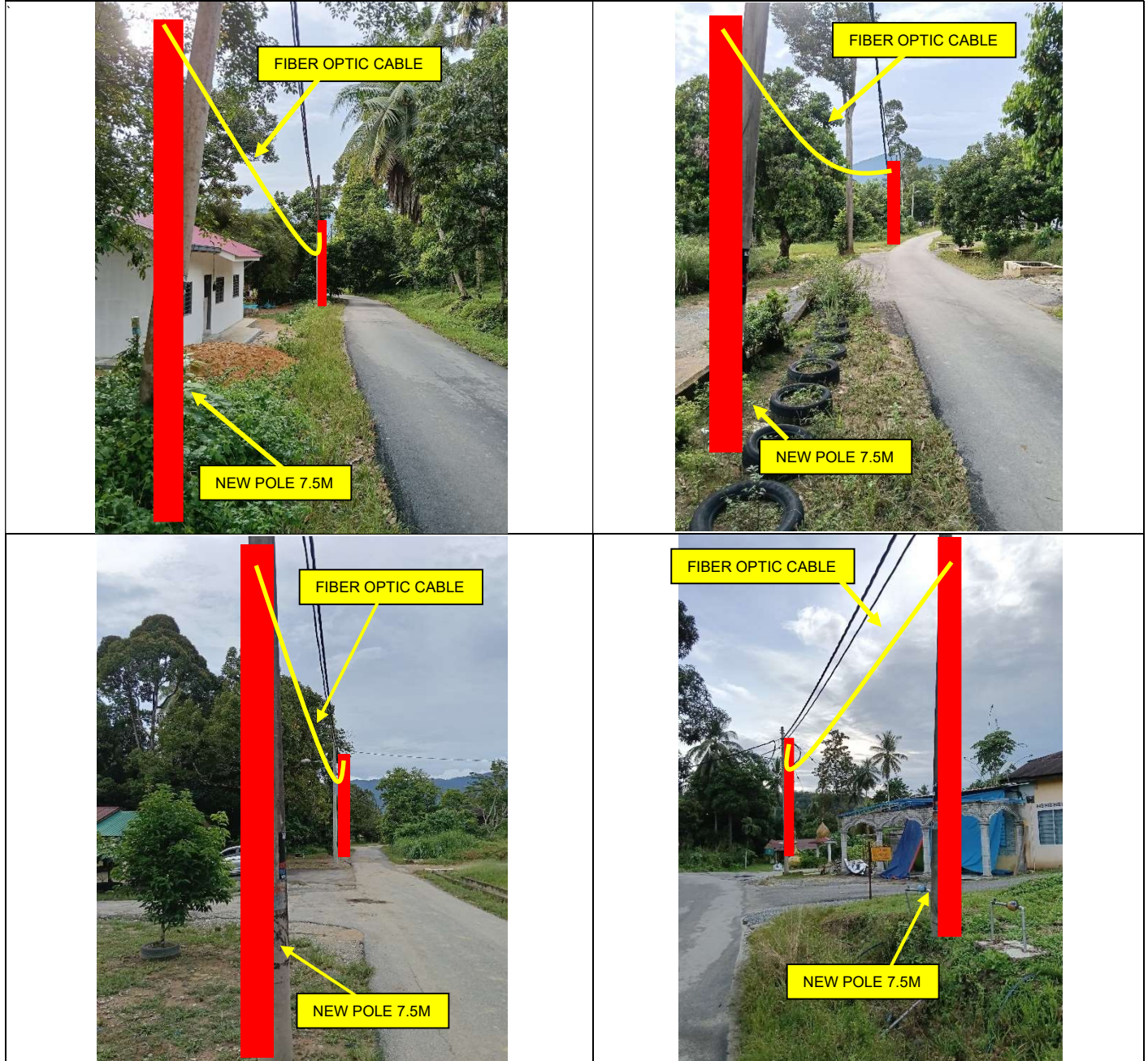


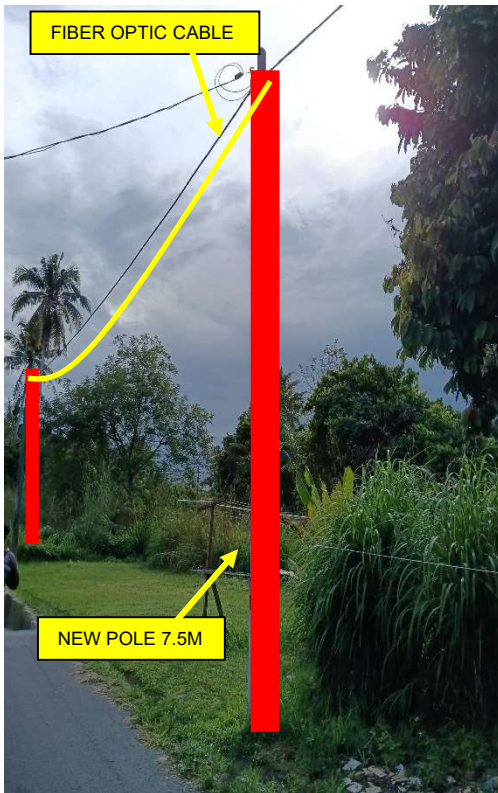
PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA (KKMM.400-11/17/132(1))

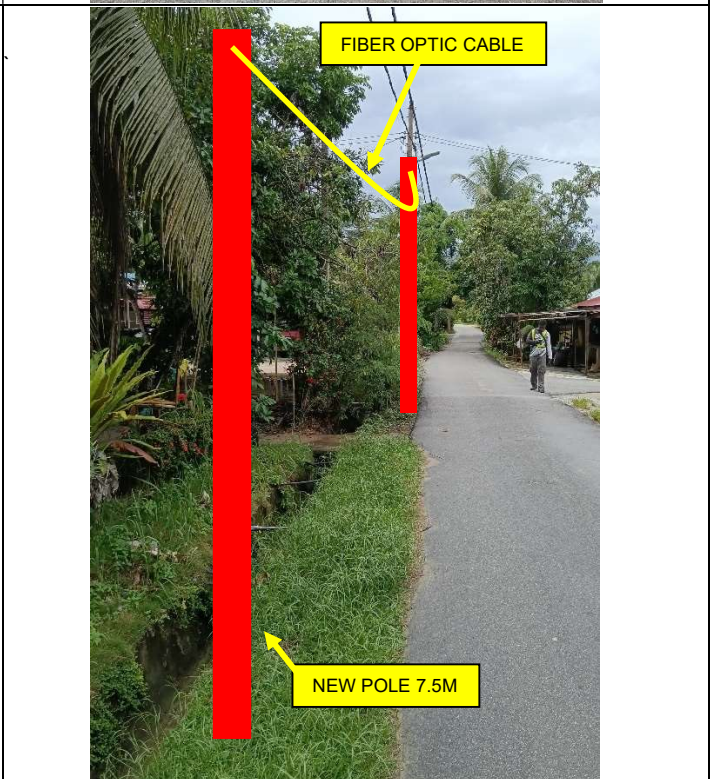
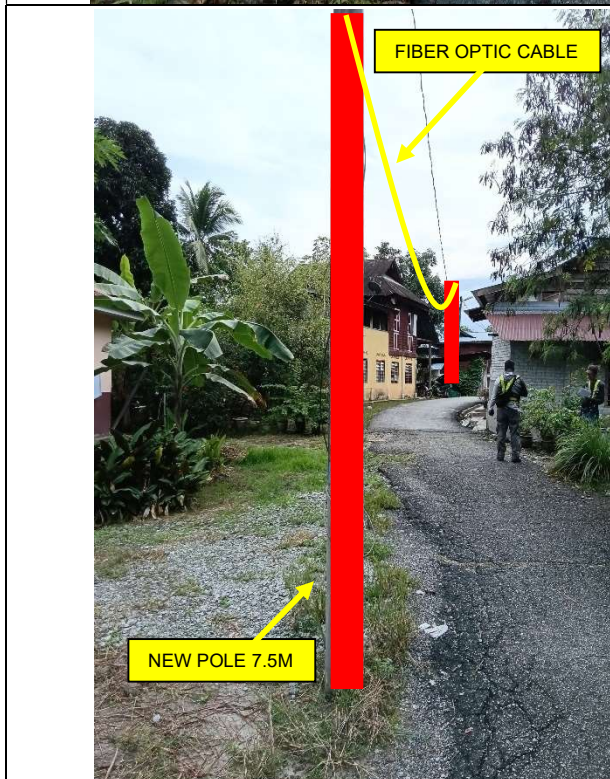
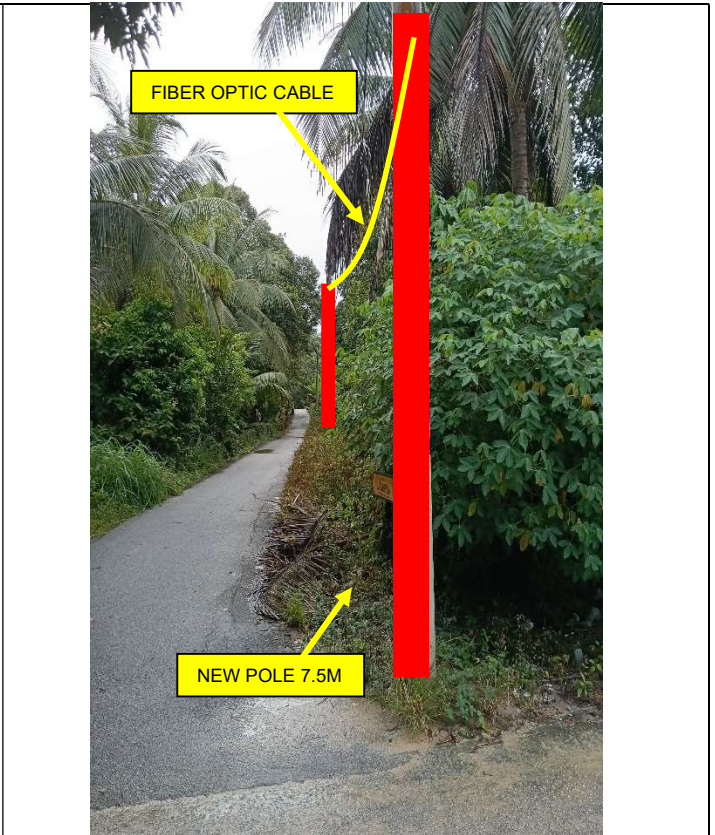


| No. | Pole Number | Distance (m) | Latitude | Longitude | Local Authority |
|-----|-------------|--------------|----------|------------|--------------------------|
| 41 | P041 | 35 | 4.838352 | 100.983997 | JKR Daerah Kuala Kangsar |
| 42 | P042 | 35 | 4.838533 | 100.984158 | JKR Daerah Kuala Kangsar |
| 43 | P043 | 35 | 4.838681 | 100.984302 | JKR Daerah Kuala Kangsar |
| 44 | P044 | 35 | 4.838889 | 100.984519 | JKR Daerah Kuala Kangsar |
| 45 | P045 | 35 | 4.839090 | 100.984731 | JKR Daerah Kuala Kangsar |
| 46 | P046 | 35 | 4.839337 | 100.985014 | JKR Daerah Kuala Kangsar |
| 47 | P047 | 35 | 4.839573 | 100.985315 | JKR Daerah Kuala Kangsar |
| 48 | P048 | 35 | 4.839711 | 100.985688 | JKR Daerah Kuala Kangsar |
| 49 | P049 | 35 | 4.839734 | 100.985955 | JKR Daerah Kuala Kangsar |
| 50 | P050 | 35 | 4.839756 | 100.986273 | JKR Daerah Kuala Kangsar |
| 51 | P051 | 35 | 4.839722 | 100.986722 | JKR Daerah Kuala Kangsar |
| 52 | P052 | 35 | 4.839814 | 100.987158 | JKR Daerah Kuala Kangsar |
| 53 | P053 | 35 | 4.839894 | 100.987553 | JKR Daerah Kuala Kangsar |
| 54 | P054 | 35 | 4.839944 | 100.987861 | JKR Daerah Kuala Kangsar |
| 55 | P055 | 35 | 4.839981 | 100.988125 | JKR Daerah Kuala Kangsar |
| 56 | P056 | 35 | 4.840017 | 100.988348 | JKR Daerah Kuala Kangsar |
| 57 | P057 | 35 | 4.840056 | 100.988522 | JKR Daerah Kuala Kangsar |
| 58 | P058 | 35 | 4.840161 | 100.988681 | JKR Daerah Kuala Kangsar |
| 59 | P059 | 35 | 4.840189 | 100.988917 | JKR Daerah Kuala Kangsar |
| 60 | P060 | 35 | 4.840219 | 100.989148 | JKR Daerah Kuala Kangsar |
| 61 | P061 | 35 | 4.840242 | 100.989322 | JKR Daerah Kuala Kangsar |
| 62 | P062 | 35 | 4.840272 | 100.989522 | JKR Daerah Kuala Kangsar |
| 63 | P063 | 35 | 4.840303 | 100.989688 | JKR Daerah Kuala Kangsar |
| 64 | P064 | 35 | 4.840150 | 100.989681 | JKR Daerah Kuala Kangsar |

5.0 SITE PHOTOS - PROPOSED NEW POLE









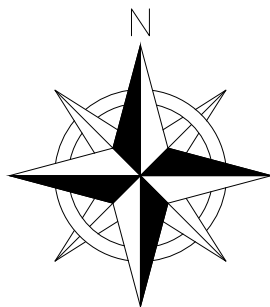


PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA (KKMM.400-11/17/132(1))



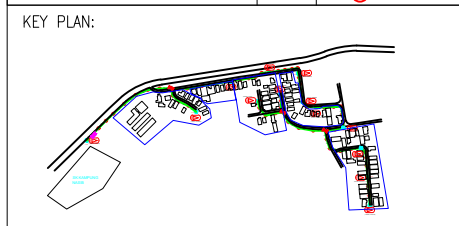
6.0 3rd PARTIES DEPENDENCIES

| NO | LOCAL COUNCIL / AUTHORITY | REMARK |
|----|---------------------------|--------|
| 1 | Majlis | 1,925m |
| 2 | JKR | 315m |



| | | | | | | | | | | |
|----------|------------------------------|-----------------------|-----------|-------------------------|-------------------------|---------------------|--------------------------|-----------------------|-------------|---------|
| 12C FOC | Installed 1:4 / 1:8 splitter | Existing TNB Pole | Pole Ring | 13 | Micro-Trenching (Meter) | # | Active Outdoor Numbering | CL01 | Closure NO. | |
| 24C FOC | 1731m | FDC | 1 | Installed Riser | JB3G | New Manhole (PIT) | NBD# | FDC NO. | DP1 | FDP NO. |
| 48C FOC | | Closure | 3 | FDP with (1:8) splitter | 7C | New Manhole(JRC7) | MH1 | MH NO. | | |
| 96C FOC | | Installed Pole (9m) | | Suspension | | Existing Manhole | TKS-1 | Existing TNB Pole NO. | | |
| 144C FOC | | Installed Pole (7.5m) | 64 | Tension | | Loop / Coil (Meter) | T01 | New Pole NO. | | |

ACTUAL HOMEPASS : 104



PROJECT OWNER:

MAIN CONTRACTOR:

SUB-CONTRACTOR:

WABTECH SDN BHD (1398387-X)
 101-1, JALAN METRO SENDAYAN 2,
 METRO SENDAYAN, BANDAR SRI SENDAYAN
 71950 SEREMBAN, NEGERI SEMBILAN.
 TEL: +606-6020063
 FAX: (60) 6 602 0063
 E-MAIL : wabgo@wabtech.solutions WEBSITE: www.wabtech.solutions

PROJECT TITLE:
CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 FOR - ABA4058 - SK KAMPUNG NASIB

DRAWING TITLE:
CONSTRUCTION DRAWING - SK KAMPUNG NASIB

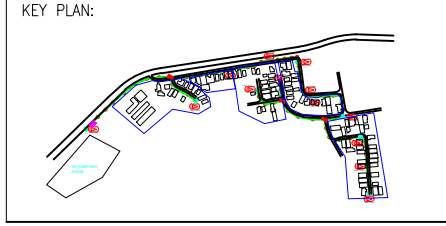
PROJECT PHASE:
SK KAMPUNG NASIB

| | |
|--|-------------------------|
| Design By : M. AFIQ HAKIMI | Date : 29 DECEMBER 2024 |
| Drawn By : M. AFIQ HAKIMI | Scale : |
| Checked By : (WABTECH PIC) | Job Number : |
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|----------|------------------------------|-------------------------|-----------|---------------------|-------------------------|-------|--------------------------|------|-------------|
| 12C FOC | Installed 1:4 / 1:8 splitter | Existing TNB Pole | Pole Ring | 14 | Micro-Trenching (Meter) | # | Active Outdoor Numbering | CL01 | Closure NO. |
| 24C FOC | FDC | Installed Riser | JB3C | New Manhole (PIT) | Temporary Infra (Meter) | NBD# | FDC NO. | DP1 | FDP NO. |
| 48C FOC | Closure | FDP with (1:8) splitter | 7C | New Manhole(JRC7) | FDP Boundary | MH1 | MH NO. | | |
| 96C FOC | Installed Pole (9m) | Suspension | S | Existing Manhole | HDD (Meter) | TKS-1 | Existing TNB Pole NO. | | |
| 144C FOC | Installed Pole (7.5m) | Tension | T | Loop / Coil (Meter) | Open Cut (Meter) | T01 | New Pole NO. | | |

ACTUAL HOMEPASS :



PROJECT OWNER:



KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR:




APPEX COMMUNICATIONS SDN BHD
187475-W



PRIVASAT

SUB-CONTRACTOR:



WABTECH SDN BHD
1398387-X)
101-1, JALAN METRO SENDAYAN 2,
METRO SENDAYAN, BANDAR SRI SENDAYAN
71950 SEREMBAN, NEGERI SEMBILAN.
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FAX: (60) 6 602 0063
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PROJECT TITLE:
CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE - POP 2 FOR - ABA4058 - SK KAMPUNG NASIB

DRAWING TITLE:
CONSTRUCTION DRAWING - SK KAMPUNG NASIB

PROJECT PHASE:
SK KAMPUNG NASIB

| | |
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| Design By : M. AFIQ HAKIMI | Date : 25 JANUARY 2025 |
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