



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))



## TECHNICAL PROPOSAL ((POP2 ABA6041 SEKOLAH KEBANGSAAN ULU MENKUNANG (D-SIDE))

**Company Name** : Archway Mapping Services Sdn. Bhd.  
**Company Address** : No 48-1, Jalan TU39A, Ayer Keroh Melaka  
**Prepared By** : Muhammad Adham  
**Date** : 16/01/2025



### Starting Point

**Site / Boundary Name** : RANTAU PANJANG  
**Address** : SK ULU MENKUNANG  
**District** : SELAMA  
**Postcode** : 34140  
**State** : PERAK  
**GPS Coordinate** : 5.212920, 100.764615  
**LRD** : A

### End Point

**Site / Boundary Name** : RANTAU PANJANG  
**Address** : KG, PERAK  
**District** : SELAMA  
**Postcode** : 34140  
**State** : PERAK  
**GPS Coordinate** : 5.211511,100.776973  
**LRD** : B



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## 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 |                                       |      |          |

| NO | OTHER INFORMATION                            | UNIT | QUANTITY |
|----|--|------|----------|
| 1  | Installation of Short Span ADSS Fibre Cables | m    | 3911     |
| 2  | Install New Pole                             | ea   | 92       |
| 3  | Install New JRC7 Manhole                     | ea   | 0        |
| 4  | Install GI Riser 100mm                       | m    | 0        |
| 5  | Install Fiber Distribution Point             | ea   | 13       |
| 6  | Install Closure                              | ea   | 3        |
| 7  | Estimated Time Required for Completion       | days | 21       |

## 2.0 LOCAL AUTHORITY SUMMARY

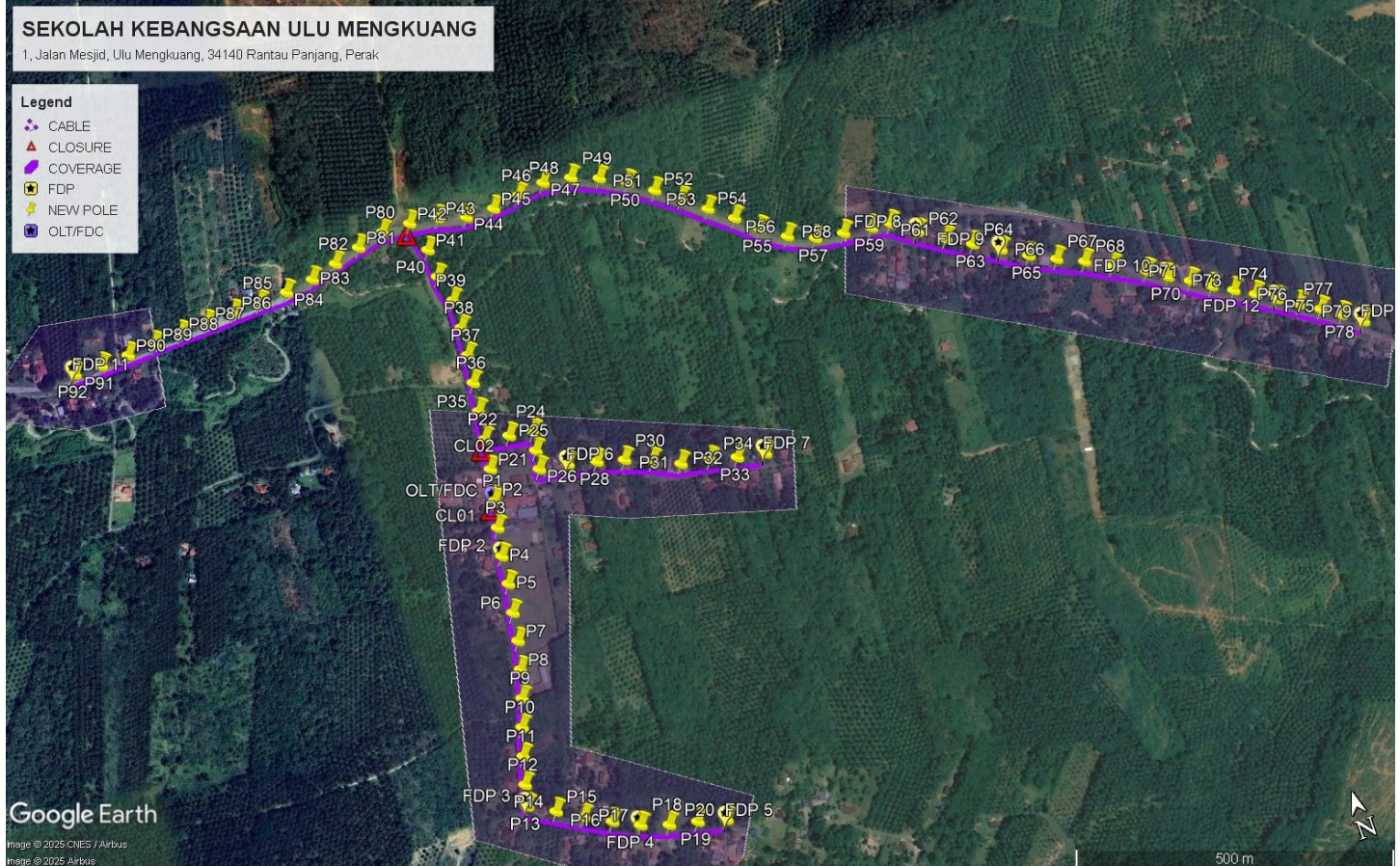
Daerah Selama

| Bil   | Items             | Owner                 | Quantity | Distance |
|-------|-------------------|-----------------------|----------|----------|
| 1     | HDD               | JKR                   | -        | -        |
|       |                   | Majlis                | -        | -        |
|       |                   | Estate / Private Land | -        | -        |
| 2     | New Pole          | JKR                   | 43       | 1736m    |
|       |                   | Majlis                | 49       | 2175m    |
|       |                   | Estate / Private Land | -        | -        |
| 3     | Existing TNB Pole | JKR                   | -        | -        |
|       |                   | Majlis                | -        | -        |
|       |                   | Estate / Private Land | -        | -        |
| Total |                   |                       |          | 3911m    |

### 3.0 SITE PLAN (KMZ)

#### 3.1 Overview Site Area

5.017300



### 3.2 Site Plan - KMZ Routing (All Local Authority)



**Red Colour – JKR Road**

**Blue Colour - Majlis Road**

#### 4.0 PROPOSED NEW POLE FDP

| Proposed New Pole Coordinate |                |              |          |            |                    |
|------------------------------|----------------|--------------|----------|------------|--------------------|
| No.                          | Pole Number    | Distance (m) | Latitude | Longitude  | Local Authority    |
| 1                            | T001           | 0            | 5.212920 | 100.764615 | Majlis Daerah Road |
| 2                            | T002           | 45           | 5.212946 | 100.764621 | Majlis Daerah Road |
| 3                            | T003           | 45           | 5.212546 | 100.764532 | Majlis Daerah Road |
| 4                            | T004           | 45           | 5.212144 | 100.764459 | Majlis Daerah Road |
| 5                            | T005           | 45           | 5.211743 | 100.764422 | Majlis Daerah Road |
| 6                            | T006           | 45           | 5.211334 | 100.764351 | Majlis Daerah Road |
| 7                            | T007           | 45           | 5.210935 | 100.764293 | Majlis Daerah Road |
| 8                            | T008           | 45           | 5.210540 | 100.764196 | Majlis Daerah Road |
| 9                            | T009           | 45           | 5.210148 | 100.764088 | Majlis Daerah Road |
| 10                           | T010           | 45           | 5.209761 | 100.763956 | Majlis Daerah Road |
| 11                           | T011           | 45           | 5.209370 | 100.763841 | Majlis Daerah Road |
| 12                           | T012           | 45           | 5.208982 | 100.763734 | Majlis Daerah Road |
| 13                           | T013           | 45           | 5.208687 | 100.763670 | Majlis Daerah Road |
| 14                           | T014           | 45           | 5.208487 | 100.764032 | Majlis Daerah Road |
| 15                           | T015           | 45           | 5.208287 | 100.764379 | Majlis Daerah Road |
| 16                           | T016           | 45           | 5.208095 | 100.764742 | Majlis Daerah Road |
| 17                           | T017           | 45           | 5.207917 | 100.765104 | Majlis Daerah Road |
| 18                           | T018           | 45           | 5.207791 | 100.765490 | Majlis Daerah Road |
| 19                           | T019           | 45           | 5.207703 | 100.765888 | Majlis Daerah Road |
| 20                           | T020           | 45           | 5.207957 | 100.766285 | Majlis Daerah Road |
| 21                           | T021 (Pole 9M) | 45           | 5.213368 | 100.764703 | Majlis Daerah Road |
| 22                           | T022 (Pole 9M) | 45           | 5.213798 | 100.764763 | Majlis Daerah Road |
| 23                           | T023           | 45           | 5.213733 | 100.765110 | Majlis Daerah Road |
| 24                           | T024           | 45           | 5.213677 | 100.765452 | Majlis Daerah Road |
| 25                           | T025           | 45           | 5.213409 | 100.765402 | Majlis Daerah Road |
| 26                           | T026           | 45           | 5.213142 | 100.765365 | Majlis Daerah Road |
| 27                           | T027           | 45           | 5.213078 | 100.765773 | Majlis Daerah Road |
| 28                           | T028           | 45           | 5.212978 | 100.766179 | Majlis Daerah Road |
| 29                           | T029           | 45           | 5.212875 | 100.766561 | Majlis Daerah Road |
| 30                           | T030           | 45           | 5.212734 | 100.766934 | Majlis Daerah Road |
| 31                           | T031           | 45           | 5.212559 | 100.767307 | Majlis Daerah Road |
| 32                           | T032           | 45           | 5.212486 | 100.767721 | Majlis Daerah Road |
| 33                           | T033           | 45           | 5.212387 | 100.768099 | Majlis Daerah Road |
| 34                           | T034           | 45           | 5.212312 | 100.768499 | Majlis Daerah Road |
| 35                           | T035           | 45           | 5.214204 | 100.764810 | Majlis Daerah Road |
| 36                           | T036           | 45           | 5.214615 | 100.764865 | Majlis Daerah Road |
| 37                           | T037           | 45           | 5.215014 | 100.764918 | Majlis Daerah Road |
| 38                           | T038           | 45           | 5.215416 | 100.764954 | Majlis Daerah Road |

|    |                |    |          |            |                    |
|----|----------------|----|----------|------------|--------------------|
| 39 | T039           | 45 | 5.215826 | 100.764970 | Majlis Daerah Road |
| 40 | T040           | 45 | 5.216220 | 100.764868 | Majlis Daerah Road |
| 41 | T041           | 45 | 5.216630 | 100.764862 | Majlis Daerah Road |
| 42 | T042 (Pole 9M) | 45 | 5.217076 | 100.764734 | JKR Road           |
| 43 | T043           | 45 | 5.217017 | 100.765145 | JKR Road           |
| 44 | T044           | 45 | 5.216899 | 100.765535 | JKR Road           |
| 45 | T045           | 45 | 5.216890 | 100.765945 | JKR Road           |
| 46 | T046           | 45 | 5.216952 | 100.766346 | JKR Road           |
| 47 | T047           | 45 | 5.217014 | 100.766738 | JKR Road           |
| 48 | T048           | 45 | 5.216953 | 100.767141 | JKR Road           |
| 49 | T049           | 45 | 5.216813 | 100.767525 | JKR Road           |
| 50 | T050           | 45 | 5.216622 | 100.767887 | JKR Road           |
| 51 | T051           | 45 | 5.216389 | 100.768223 | JKR Road           |
| 52 | T052           | 45 | 5.216151 | 100.768540 | JKR Road           |
| 53 | T053           | 45 | 5.215889 | 100.768861 | JKR Road           |
| 54 | T054           | 45 | 5.215637 | 100.769181 | JKR Road           |
| 55 | T055           | 45 | 5.215379 | 100.769470 | JKR Road           |
| 56 | T056           | 45 | 5.215145 | 100.769814 | JKR Road           |
| 57 | T057           | 45 | 5.214989 | 100.770188 | JKR Road           |
| 58 | T058           | 45 | 5.214929 | 100.770594 | JKR Road           |
| 59 | T059 (Pole 9M) | 45 | 5.214872 | 100.771000 | JKR Road           |
| 60 | T060 (Pole 9M) | 45 | 5.214844 | 100.771274 | JKR Road           |
| 61 | T061           | 45 | 5.214607 | 100.771608 | Majlis Daerah Road |
| 62 | T062           | 45 | 5.214379 | 100.771956 | Majlis Daerah Road |
| 63 | T063           | 45 | 5.214178 | 100.772297 | Majlis Daerah Road |
| 64 | T064           | 45 | 5.213975 | 100.772657 | Majlis Daerah Road |
| 65 | T065           | 45 | 5.213762 | 100.773005 | Majlis Daerah Road |
| 66 | T066           | 45 | 5.213586 | 100.773367 | Majlis Daerah Road |
| 67 | T067           | 45 | 5.213424 | 100.773738 | Majlis Daerah Road |
| 68 | T068           | 45 | 5.213232 | 100.774093 | Majlis Daerah Road |
| 69 | T069 (Pole 9M) | 45 | 5.213003 | 100.774534 | JKR Road           |
| 70 | T070 (Pole 9M) | 45 | 5.212830 | 100.774796 | JKR Road           |
| 71 | T071           | 45 | 5.212669 | 100.775080 | JKR Road           |
| 72 | T072           | 45 | 5.212500 | 100.775345 | JKR Road           |
| 73 | T073           | 45 | 5.212341 | 100.775624 | JKR Road           |
| 74 | T074           | 45 | 5.212187 | 100.775899 | JKR Road           |
| 75 | T075           | 45 | 5.212021 | 100.776169 | JKR Road           |
| 76 | T076           | 45 | 5.211850 | 100.776445 | JKR Road           |
| 77 | T077           | 45 | 5.211684 | 100.776712 | JKR Road           |
| 78 | T078           | 45 | 5.211511 | 100.776973 | JKR Road           |
| 79 | T079           | 45 | 5.211320 | 100.777236 | JKR Road           |
| 80 | T080 (Pole 9M) | 45 | 5.217083 | 100.764323 | JKR Road           |
| 81 | T081           | 45 | 5.216985 | 100.763930 | JKR Road           |
| 82 | T082           | 45 | 5.216872 | 100.763540 | JKR Road           |
| 83 | T083           | 45 | 5.216765 | 100.763154 | JKR Road           |



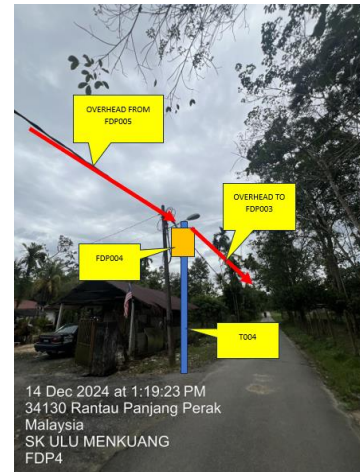
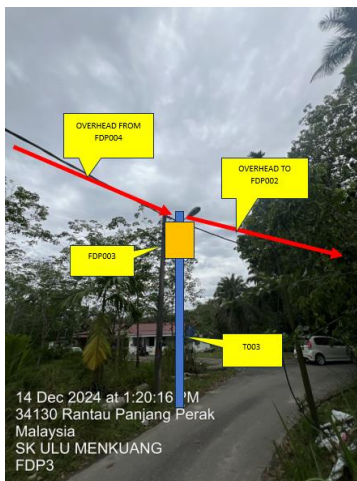
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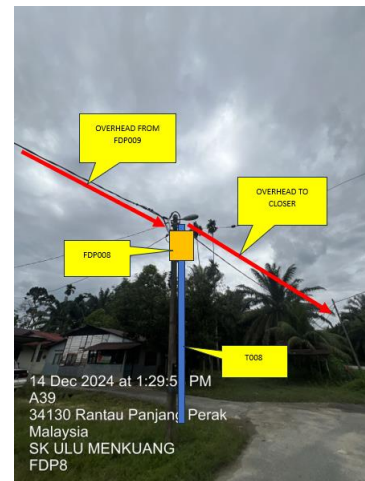
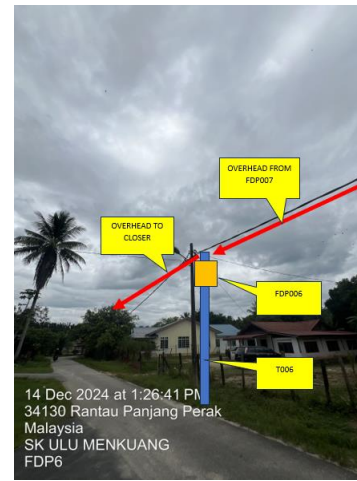
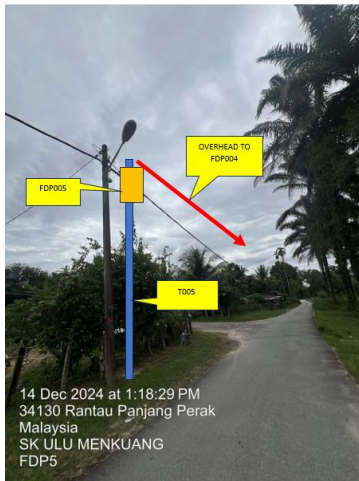


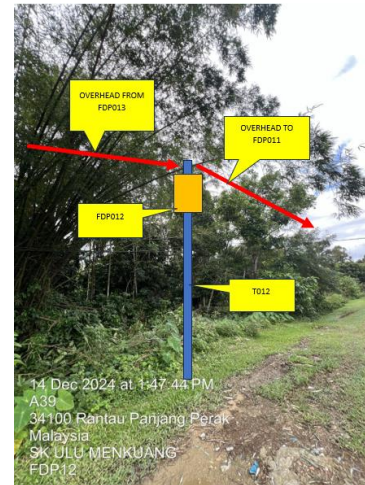
|    |      |    |          |            |          |
|----|------|----|----------|------------|----------|
| 84 | T084 | 45 | 5.216708 | 100.762745 | JKR Road |
| 85 | T085 | 45 | 5.216687 | 100.762331 | JKR Road |
| 86 | T086 | 45 | 5.216675 | 100.761937 | JKR Road |
| 87 | T087 | 45 | 5.216656 | 100.761529 | JKR Road |
| 88 | T088 | 45 | 5.216635 | 100.761123 | JKR Road |
| 89 | T089 | 45 | 5.216613 | 100.760719 | JKR Road |
| 90 | T090 | 45 | 5.216586 | 100.760313 | JKR Road |
| 91 | T091 | 45 | 5.216567 | 100.759901 | JKR Road |
| 92 | T092 | 45 | 5.216574 | 100.759502 | JKR Road |

| BIL | TYPE       | 7.5m | 9m | TOTAL |
|-----|------------|------|----|-------|
| 1   | No of Pole | 84   | 8  | 92    |

5.0 SITE PHOTOS - PROPOSED NEW POLE









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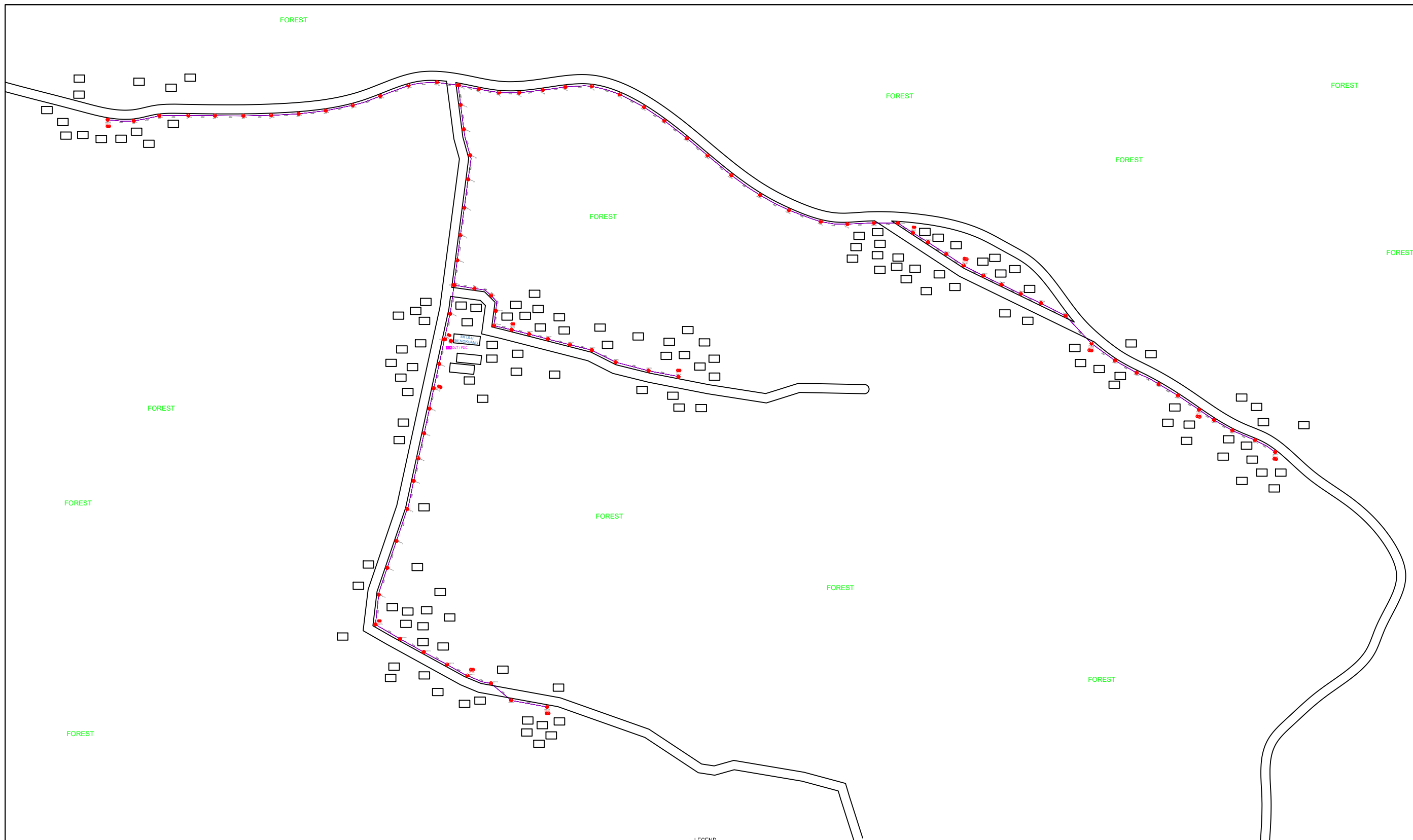


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## 6.0 3<sup>rd</sup> PARTIES DEPENDENCIES

| NO | LOCAL COUNCIL / AUTHORITY | REMARK |
|----|---------------------------|--------|
| 1  | Majlis Daerah Selama      | 3911m  |

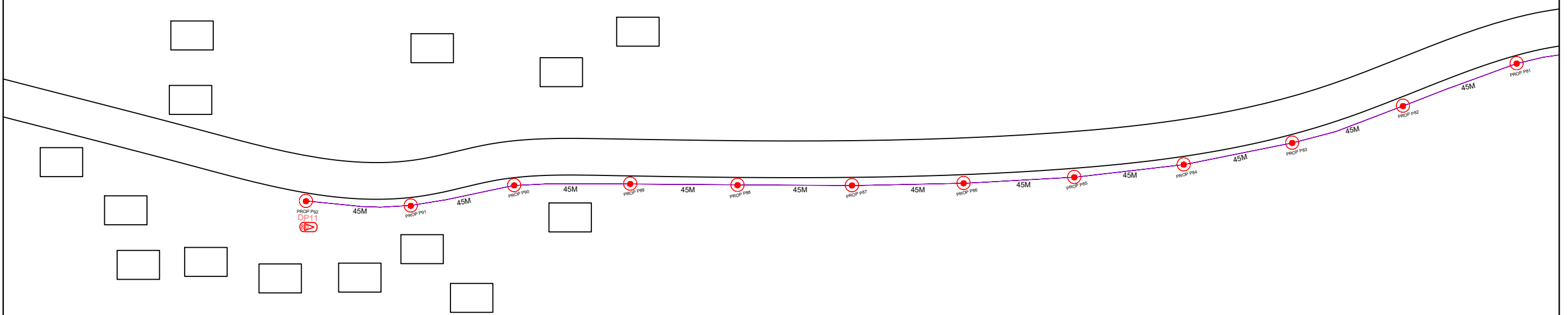


LEGEND

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

|            |                     |  |  |  |                                    |   |                         |                |
|------------|---------------------|--|--|--|------------------------------------|---|-------------------------|----------------|
| KEY PLAN : | PROJECT OWNER :<br> | MAIN CONTRACTOR<br><br><b>PRIVASAT</b> | SUB-CONTRACTOR :<br><br>ARCHWAY MAPPING SERVICES SDN BHD<br>No 48 Jalan TU 39A, Taman Tasik Utama,<br>75450 Ayer Keroh, Melaka<br>Tel: 606-233 9165 Fax: 606-233 9162<br>Email : info@archwaymalaysia.com<br>Website : www.archwaymalaysia.com | PROJECT TITLE:<br>PROPOSAL FOR FIBER INFRASTRUCTURE<br>AND OPTICAL FIBER CABLE<br>FROM POP (SK ULU MENGGUANG)<br>TO PREMISES PASS AREA | DRAWING TITLE:<br>SK ULU MENGGUANG | Design By : ENGINEER  | Date : DATE             |                |
|            |                     |  |  |  | PROJECT PHASE:<br>PROJECT PHASE    | Drawn By : CAD ENGINEER   | Scale : NTS             |                |
|            |                     |  |  |  |                                    | Checked By : ENGINEER   | Job Number : JOB/NUMBER |                |
|            |                     |  |  |  |                                    | DRAWING NUMBER :<br><b>DRAWING/NUMBER</b>                                   |                         | Sheet :<br>1/1 |
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# FOREST



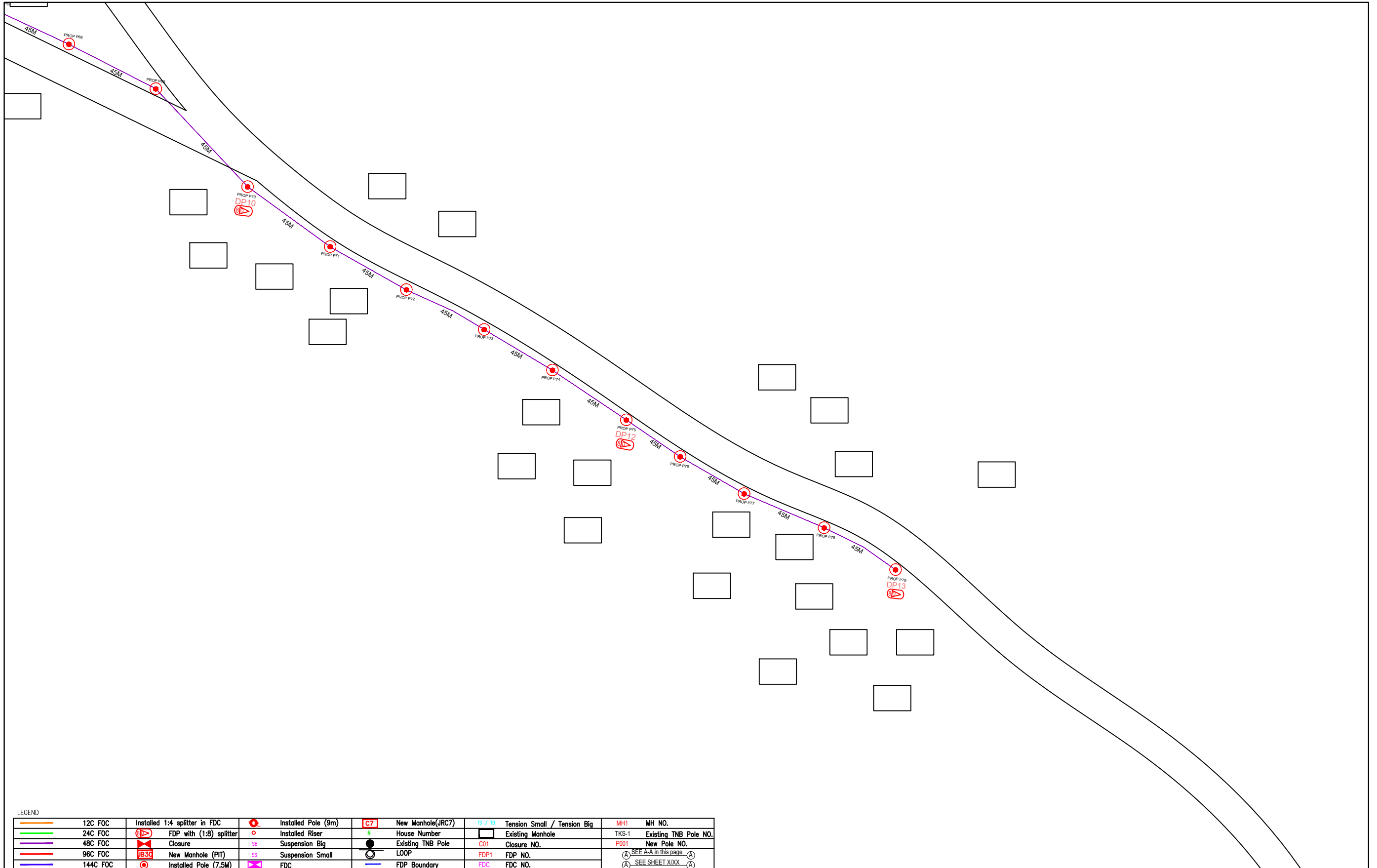
LEGEND

|          |                               |                     |    |                   |         |                             |       |                          |
|----------|-------------------------------|---------------------|----|-------------------|---------|-----------------------------|-------|--------------------------|
| 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 (A) |
| 144C FOC | Installed Pole (7.5M)         | FDC                 | FM | FDP Boundary      | FDC     | FDC NO.                     | (A)   | SEE SHEET XXX (A)        |




|  |                     |                     |                      |   |                                    |                         |             |
|--|---------------------|---------------------|----------------------|---|------------------------------------|-------------------------|-------------|
| KEY PLAN :   | PROJECT OWNER :<br> | MAIN CONTRACTOR<br> | SUB-CONTRACTOR :<br> | PROJECT TITLE:<br>PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK ULU MENGGUANG) TO PREMISES PASS AREA | DRAWING TITLE:<br>SK ULU MENGGUANG | Design By : ENGINEER    | Date : DATE |
|  |                     |                     |                      |   | PROJECT PHASE:<br>PROJECT PHASE    | Drawn By : CAD ENGINEER | Scale : NTS |
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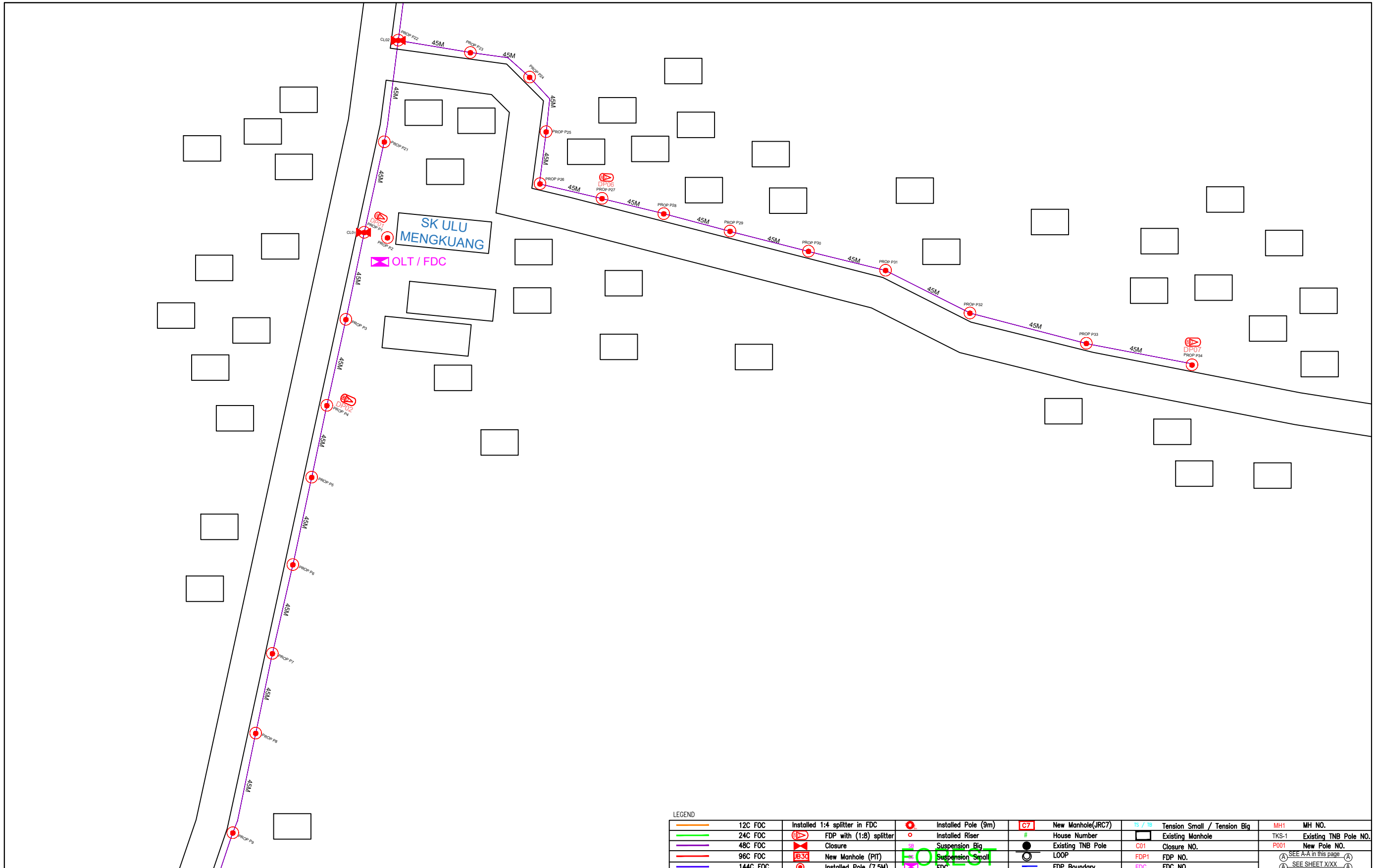






| LEGEND   |                               |                     |                   |                  |                             |                       |              |                          |  |  |
|----------|-------------------------------|---------------------|-------------------|------------------|-----------------------------|-----------------------|--------------|--------------------------|--|--|
| 12C FOC  | Installed 1:4 splitter in FDC | Installed Pole (9m) | New Manhole(JRC7) | TS / TB          | Tension Small / Tension Big | MH1                   | MH NO.       |                          |  |  |
| 24C FOC  | FDP with (1:8) splitter       | Installed Riser     | #                 | 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        |  |  |

|  |  |   |  |   |                                    |                         |             |
|--|--|---|--|---|------------------------------------|-------------------------|-------------|
| KEY PLAN :   | PROJECT OWNER :<br><br>KEMENTERIAN KOMUNIKASI DAN DIGITAL | MAIN CONTRACTOR<br><br>PRIVASAT | SUB-CONTRACTOR :<br><br>No 48 Jalan TU 39A, Taman Tasik Utama, 75450 Ayer Keroh, Melaka<br>Tel: 606-233 9165 Fax: 606-233 9162<br>Email : info@archwaymalaysia.com<br>Website : www.archwaymalaysia.com | PROJECT TITLE:<br>PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK ULU MENGGUANG) TO PREMISES PASS AREA | DRAWING TITLE:<br>SK ULU MENGGUANG | Design By : ENGINEER    | Date : DATE |
|  |  |   |  |   | PROJECT PHASE:<br>PROJECT PHASE    | Drawn By : CAD ENGINEER | Scale : NTS |
| DRAWING NUMBER :   |  |   |  |   |                                    | Sheet :                 |             |
| DRAWING/NUMBER   |  |   |  |   |                                    | 4/6                     |             |
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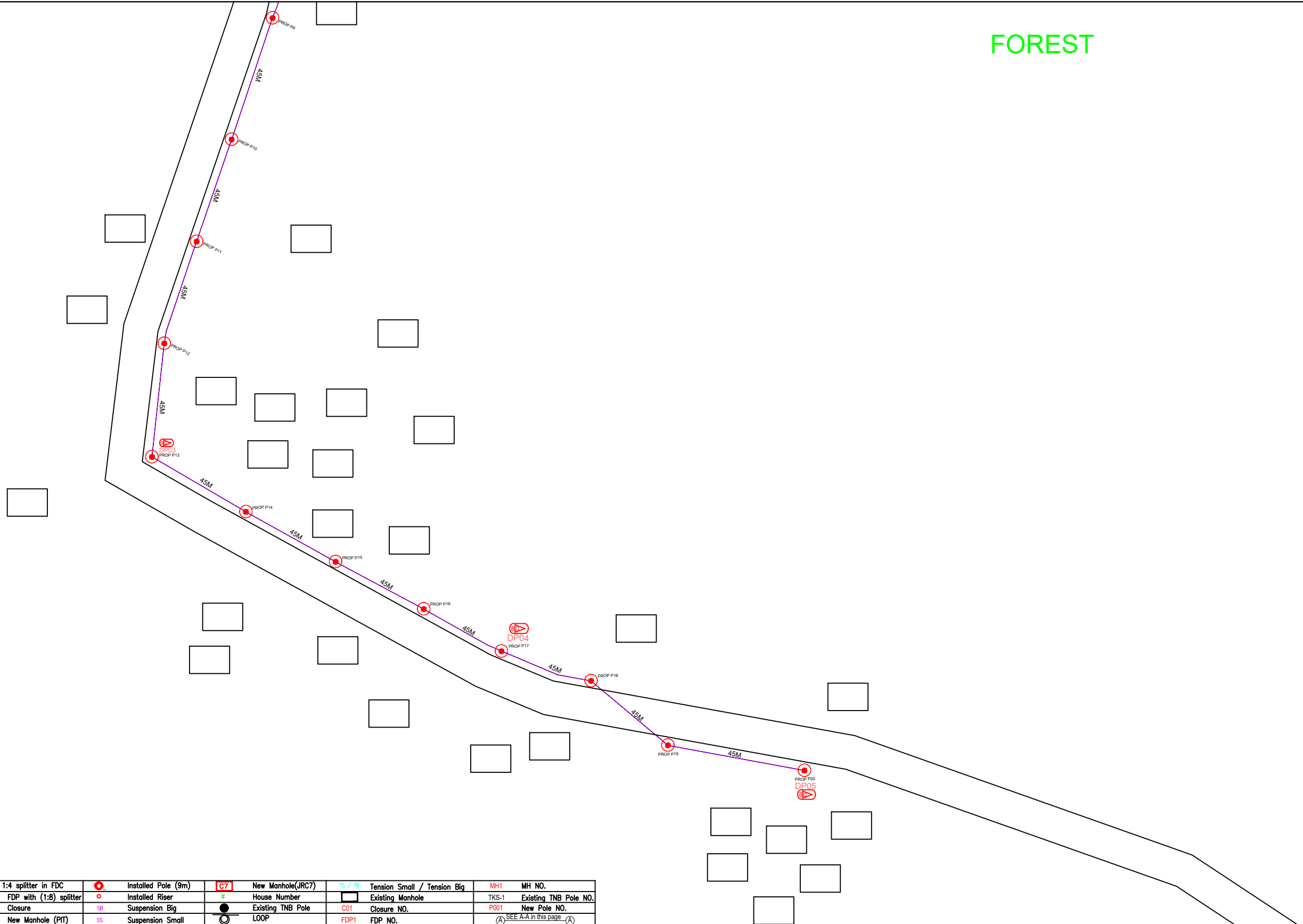


LEGEND

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

|            |                     |  |  |  |                                    |   |             |                       |
|------------|---------------------|--|--|--|------------------------------------|---|-------------|-----------------------|
| KEY PLAN : | PROJECT OWNER :<br> | MAIN CONTRACTOR :<br><br><b>PRIVASAT</b> | SUB-CONTRACTOR :<br><br>ARCHWAY MAPPING SERVICES SDN BHD<br>No 48 Jalan TU 39A, Taman Tasik Utama,<br>75450 Ayer Keroh, Melaka<br>Tel: 606-233 9165 Fax: 606-233 9162<br>Email : info@archwaymalaysia.com<br>Website : www.archwaymalaysia.com | PROJECT TITLE:<br>PROPOSAL FOR FIBER INFRASTRUCTURE<br>AND OPTICAL FIBER CABLE<br>FROM POP (SK ULU MENGKUANG)<br>TO PREMISES PASS AREA | DRAWING TITLE:<br>SK ULU MENGKUANG | Design By : ENGINEER  | Date : DATE |                       |
|            |                     |  |  |  | PROJECT PHASE:<br>PROJECT PHASE    | Drawn By : CAD ENGINEER   | Scale : NTS | Checked By : ENGINEER |
|            |                     |  |  |  |                                    | THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY<br>OF ALLO TECHNOLOGY SDN BHD |             | Size :<br>A3          |

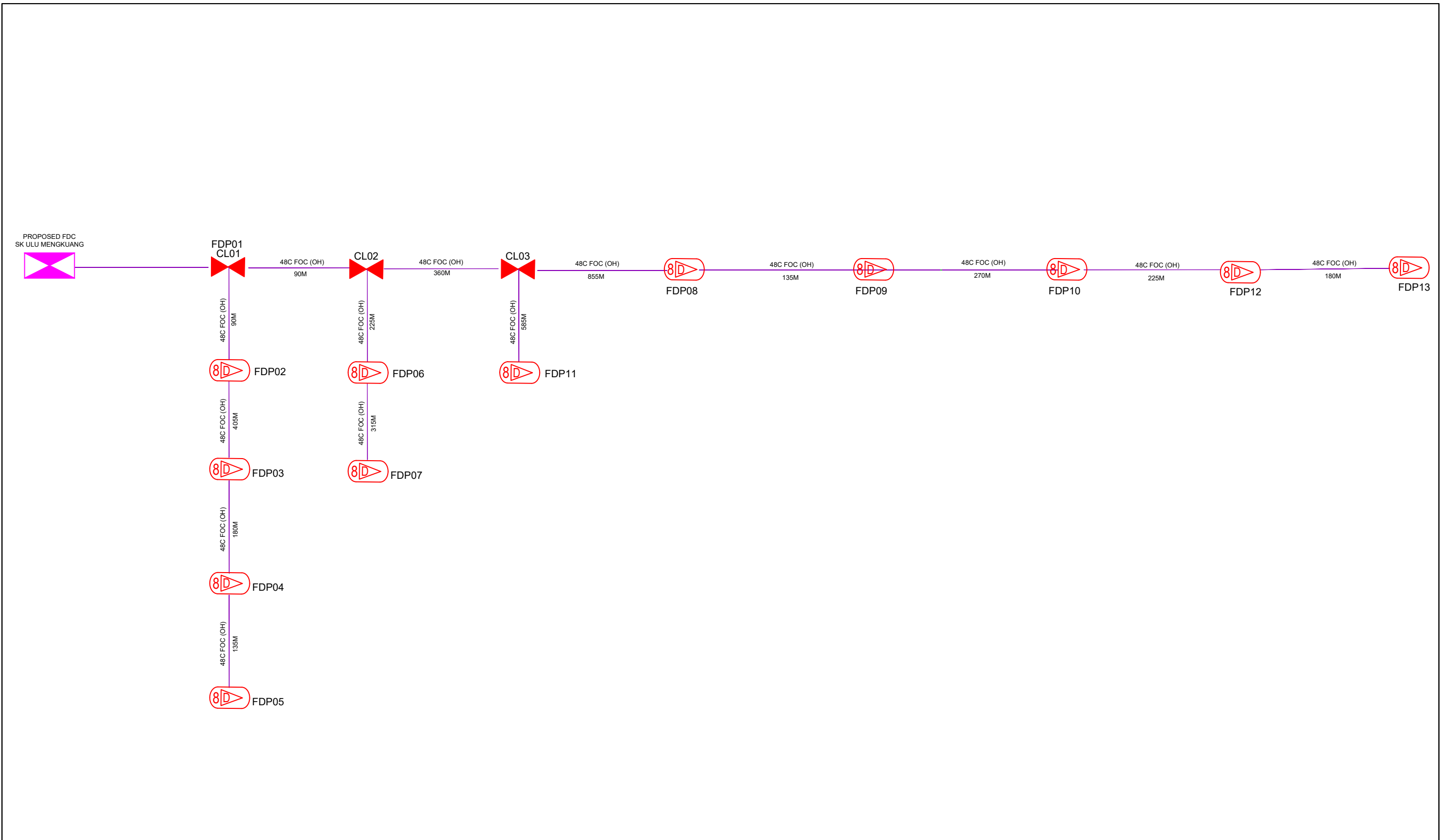
FOREST



LEGEND

|  |          |  |                         |  |                       |  |                             |  |                       |
|--|----------|--|-------------------------|--|-----------------------|--|-----------------------------|--|-----------------------|
|  | 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  |  | FDP with (1:8) splitter |  | Closure               |  | Closure NO.                 |  | New Pole NO.          |
|  | 96C FOC  |  | Closure                 |  | New Manhole (PIT)     |  | LOOP                        |  | SEE A-A in this page  |
|  | 144C FOC |  | New Manhole (PIT)       |  | Installed Pole (7.5M) |  | FDP NO.                     |  | SEE SHEET XXX         |
|  |          |  | Installed Pole (7.5M)   |  | FDC                   |  | FDC NO.                     |  |                       |

|            |                 |  |                              |                       |                         |  |             |
|------------|-----------------|--|------------------------------|-----------------------|-------------------------|--|-------------|
| KEY PLAN : | PROJECT OWNER : | MAIN CONTRACTOR  | SUB-CONTRACTOR :             | PROJECT TITLE:        | DRAWING TITLE:          | Design By : ENGINEER   | Date : DATE |
|            |                 |  |                              |                       |                         |  |             |
|            |                 | ARCHWAY MAPPING SERVICES SDN BHD<br>No 48 Jalan TU 39A, Taman Tasik Utama, 75450 Ayer Keroh, Melaka<br>Tel: 606-233 9165 Fax: 606-233 9162<br>Email : info@archwaymalaysia.com Website : www.archwaymalaysia.com | PROJECT PHASE: PROJECT PHASE | Checked By : ENGINEER | Job Number : JOB/NUMBER |  |             |
|            |                 |  |                              |                       |                         |  |             |
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LEGEND

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

|  |                     |                     |                      |   |   |                         |             |
|--|---------------------|---------------------|----------------------|---|---|-------------------------|-------------|
| KEY PLAN :   | PROJECT OWNER :<br> | MAIN CONTRACTOR<br> | SUB-CONTRACTOR :<br> | PROJECT TITLE:<br>PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK ULU MENGKUANG) TO PREMISES PASS AREA | DRAWING TITLE:<br>D-SIDE_SK ULU MENGKUANG | Design By : ENGINEER    | Date : DATE |
|  |                     |                     |                      |   | PROJECT PHASE:<br>PROJECT PHASE           | Drawn By : CAD ENGINEER | Scale : NTS |
| DRAWING NUMBER : DRAWING/NUMBER  |                     |                     |                      |   |   | Sheet : 1/1             |             |
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