

# TECHNICAL PROPOSAL

## (POP2 ABB8225 SEKOLAH KEBANGSAAN LAMBOR KANAN (D-SIDE))

**Company Name** : Archway Mapping Services Sdn. Bhd.  
**Company Address** : No 48-1, Jalan TU39A, Ayer Keroh Melaka  
**Prepared By** : Muhammad Adham  
**Date** : 22/09/2025



### Starting Point

**Site / Boundary Name** : PERAK TENGAH  
**Address** : SK LAMBOR KANAN  
**District** : LAMBOR KANAN  
**Postcode** : 32900  
**State** : PERAK  
**GPS Coordinate** : 4.268086, 100.903780  
**LRD** : A

### End Point

**Site / Boundary Name** : PERAK TENGAH  
**Address** : JLN PPRT RIMBA RAJA  
**District** : LAMBOR KANAN  
**Postcode** : 32900  
**State** : PERAK  
**GPS Coordinate** : 4.265808, 100.909488  
**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    | 335      |
| 2     | Carriage Way Open Trench (CW)         | m    | 0        |
| 3     | Grass Verge Open Trenching (GV)       | m    | 0        |
| 4     | Micro Trenching (MT)                  | m    | 0        |
| Total |                                       |      | 335      |

| NO | OTHER INFORMATION                            | UNIT | QUANTITY |
|----|--|------|----------|
| 1  | Installation of Short Span ADSS Fibre Cables | m    | 2120     |
| 2  | Install New Pole                             | ea   | 51       |
| 3  | Install New JRC7 Manhole                     | ea   | 4        |
| 4  | Install GI Riser 100mm                       | m    | 18       |
| 5  | Install Fiber Distribution Point             | ea   | 13       |
| 6  | Install Closure                              | ea   | 2        |
| 7  | Estimated Time Required for Completion       | days | 21       |

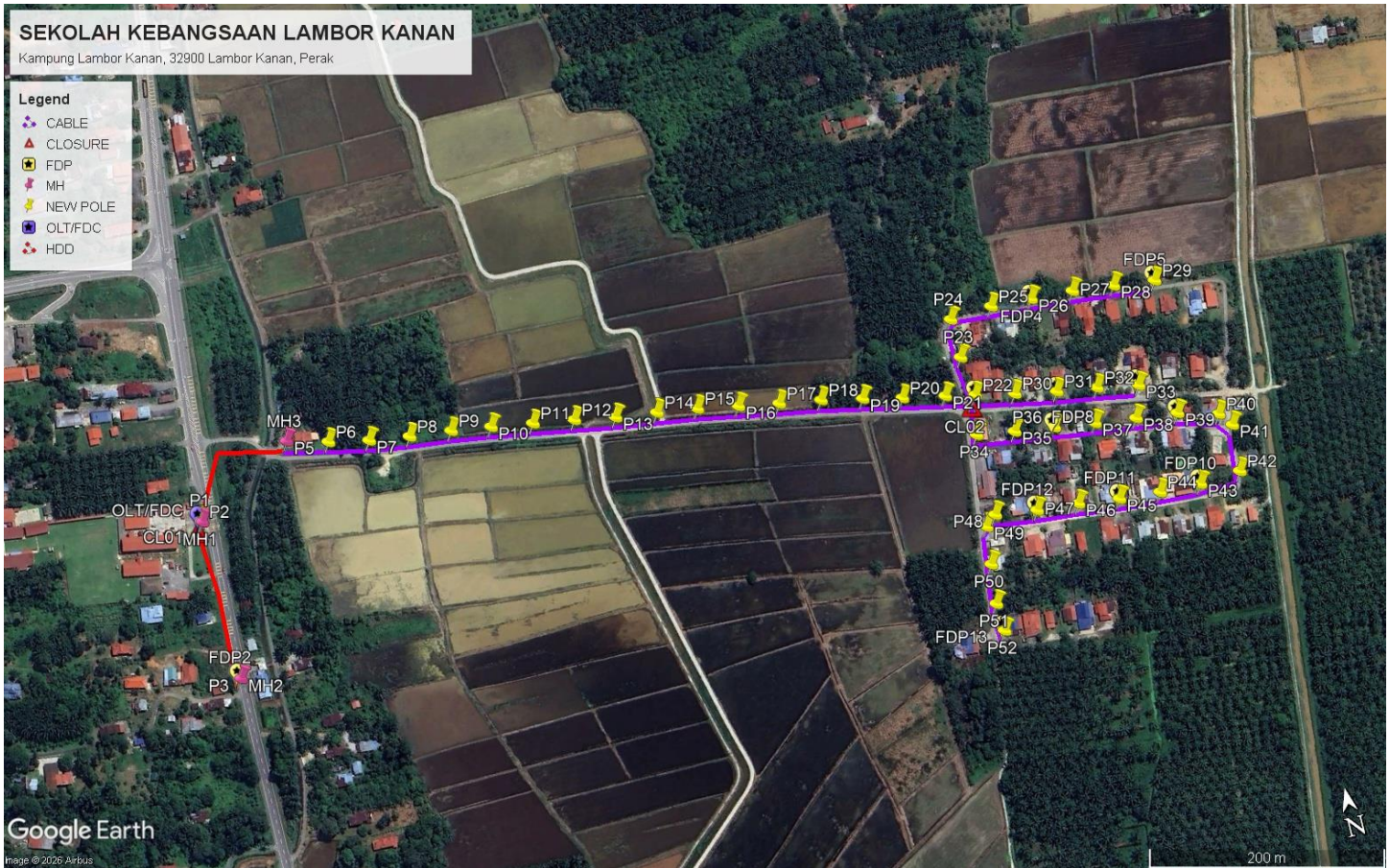
## 2.0 LOCAL AUTHORITY SUMMARY

Daerah Perak Tengah

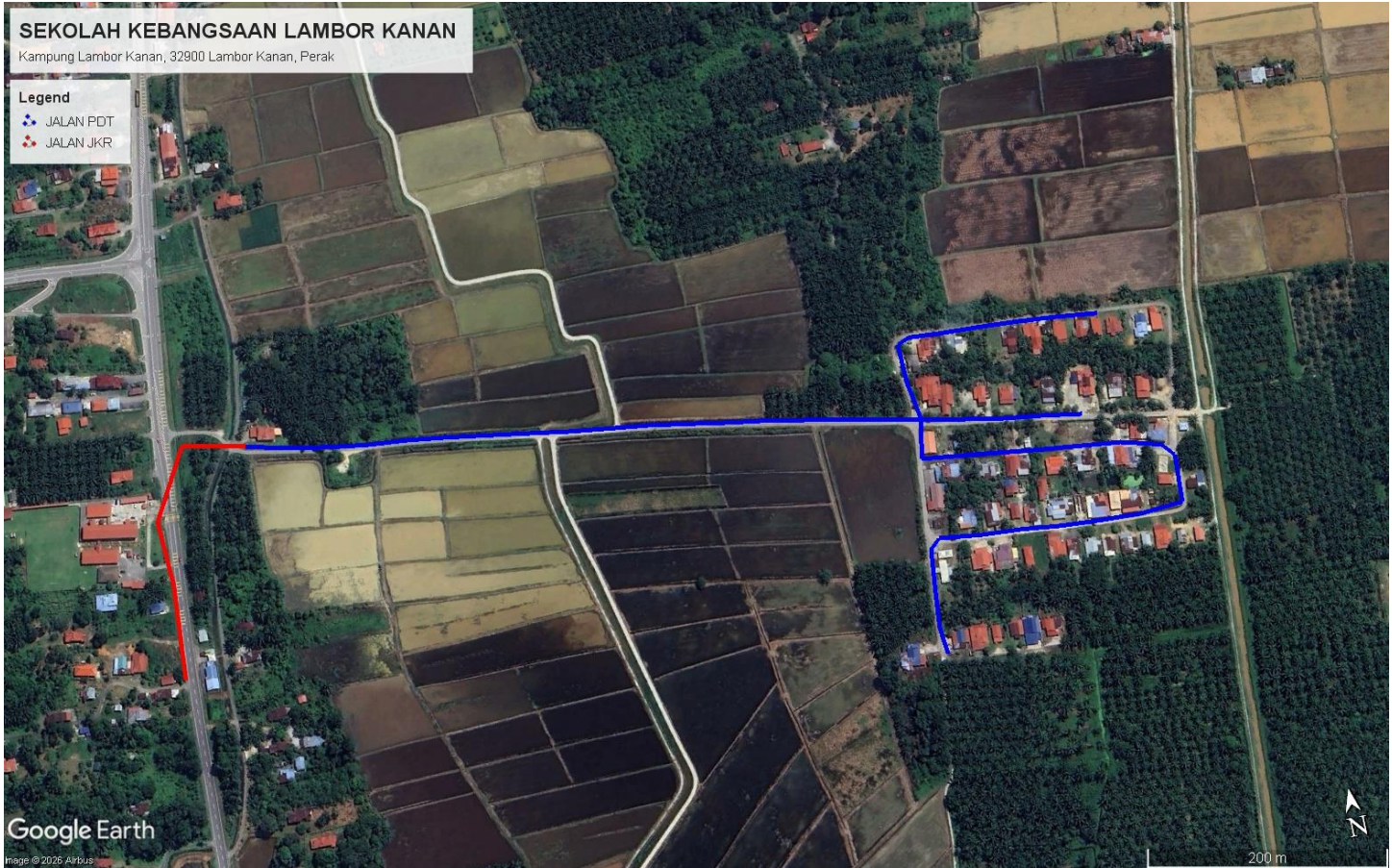
| Bil   | Items             | Owner                 | Quantity | Distance |
|-------|-------------------|-----------------------|----------|----------|
| 1     | HDD               | JKR                   | 1        | 335m     |
|       |                   | Majlis                | -        | -        |
|       |                   | Estate / Private Land | -        | -        |
| 2     | New Pole          | JKR                   | 3        | -        |
|       |                   | Majlis                | 48       | 1785m    |
|       |                   | Estate / Private Land | -        | -        |
| 3     | Existing TNB Pole | JKR                   | -        | -        |
|       |                   | Majlis                | -        | -        |
|       |                   | Estate / Private Land | -        | -        |
| Total |                   |                       |          | 2120m    |

### 3.0 SITE PLAN (KMZ)

#### 3.1 Overview Site Area



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



**Red Colour – JKR Road**

**Blue Colour - PDT Road**

#### 4.0 PROPOSED NEW POLE FDP

| Proposed New Pole Coordinate |             |              |          |            |                 |
|------------------------------|-------------|--------------|----------|------------|-----------------|
| No.                          | Pole Number | Distance (m) | Latitude | Longitude  | Local Authority |
| 1                            | T001        | 0            | 4.268086 | 100.903780 | JKR Road        |
| 2                            | T002        | 35           | 4.268078 | 100.903776 | JKR Road        |
| 3                            | T003        | 35           | 4.266844 | 100.903785 | JKR Road        |
| 4                            | T004        | 35           | 4.268521 | 100.904550 | Majlis Road     |
| 5                            | T005        | 35           | 4.268442 | 100.904860 | Majlis Road     |
| 6                            | T006        | 35           | 4.268380 | 100.905166 | Majlis Road     |
| 7                            | T007        | 35           | 4.268337 | 100.905473 | Majlis Road     |
| 8                            | T008        | 35           | 4.268304 | 100.905792 | Majlis Road     |
| 9                            | T009        | 35           | 4.268262 | 100.906096 | Majlis Road     |
| 10                           | T010        | 35           | 4.268213 | 100.906413 | Majlis Road     |
| 11                           | T011        | 35           | 4.268165 | 100.906726 | Majlis Road     |
| 12                           | T012        | 35           | 4.268110 | 100.907038 | Majlis Road     |
| 13                           | T013        | 35           | 4.268070 | 100.907354 | Majlis Road     |
| 14                           | T014        | 35           | 4.268027 | 100.907660 | Majlis Road     |
| 15                           | T015        | 35           | 4.267972 | 100.907971 | Majlis Road     |
| 16                           | T016        | 35           | 4.267918 | 100.908278 | Majlis Road     |
| 17                           | T017        | 35           | 4.267868 | 100.908595 | Majlis Road     |
| 18                           | T018        | 35           | 4.267804 | 100.908907 | Majlis Road     |
| 19                           | T019        | 35           | 4.267737 | 100.909204 | Majlis Road     |
| 20                           | T020        | 35           | 4.267676 | 100.909526 | Majlis Road     |
| 21                           | T021        | 35           | 4.267629 | 100.909750 | Majlis Road     |
| 22                           | T022        | 35           | 4.267935 | 100.909708 | Majlis Road     |
| 23                           | T023        | 35           | 4.268232 | 100.909703 | Majlis Road     |
| 24                           | T024        | 35           | 4.268257 | 100.910027 | Majlis Road     |
| 25                           | T025        | 35           | 4.268241 | 100.910338 | Majlis Road     |
| 26                           | T026        | 35           | 4.268226 | 100.910659 | Majlis Road     |
| 27                           | T027        | 35           | 4.268193 | 100.910974 | Majlis Road     |
| 28                           | T028        | 35           | 4.268157 | 100.911288 | Majlis Road     |
| 29                           | T029        | 35           | 4.267569 | 100.910046 | Majlis Road     |
| 30                           | T030        | 35           | 4.267510 | 100.910361 | Majlis Road     |
| 31                           | T031        | 35           | 4.267466 | 100.910668 | Majlis Road     |
| 32                           | T032        | 35           | 4.267409 | 100.910981 | Majlis Road     |
| 33                           | T033        | 35           | 4.267332 | 100.909688 | Majlis Road     |
| 34                           | T034        | 35           | 4.267289 | 100.909977 | Majlis Road     |
| 35                           | T035        | 35           | 4.267249 | 100.910279 | Majlis Road     |
| 36                           | T036        | 35           | 4.267207 | 100.910590 | Majlis Road     |
| 37                           | T037        | 35           | 4.267170 | 100.910904 | Majlis Road     |
| 38                           | T038        | 35           | 4.267133 | 100.911220 | Majlis Road     |
| 39                           | T039        | 35           | 4.267052 | 100.911524 | Majlis Road     |
| 40                           | T040        | 35           | 4.266948 | 100.911607 | Majlis Road     |



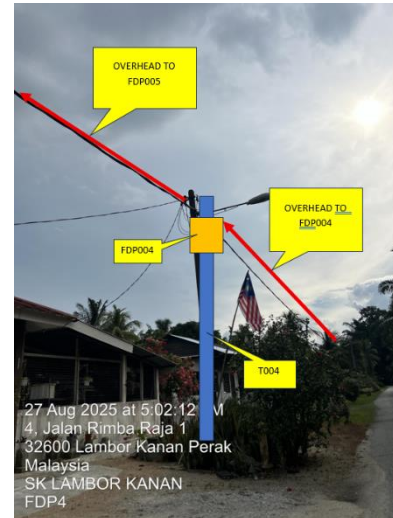
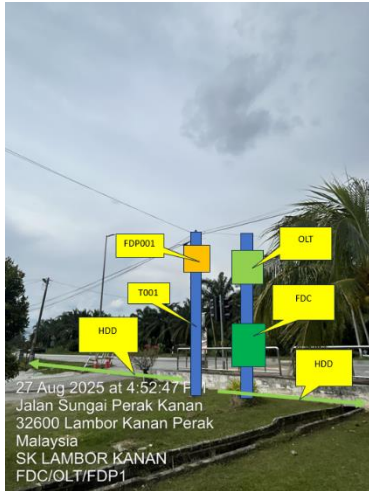
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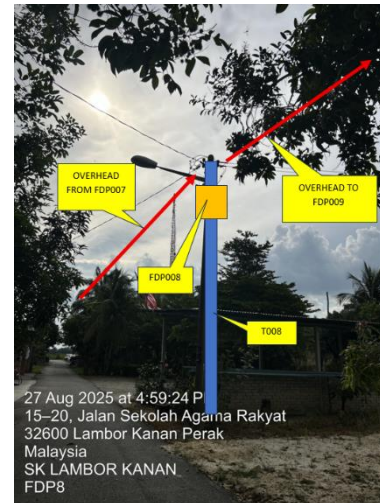
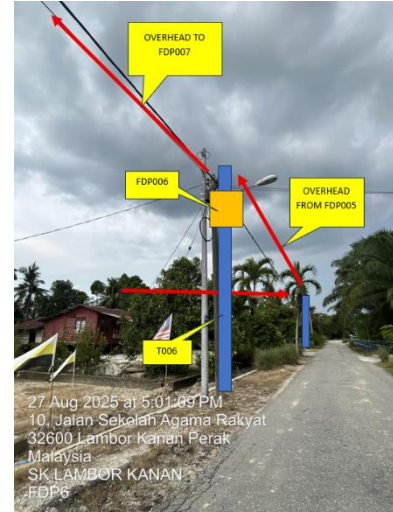
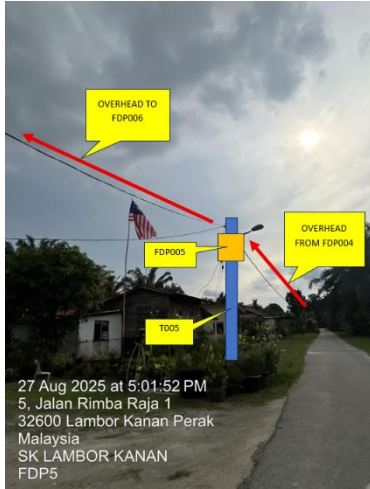


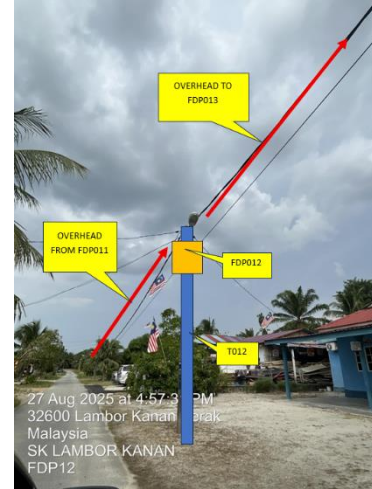
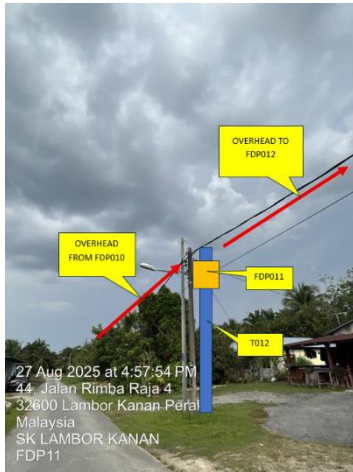
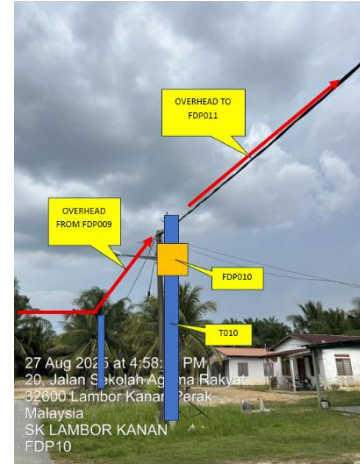
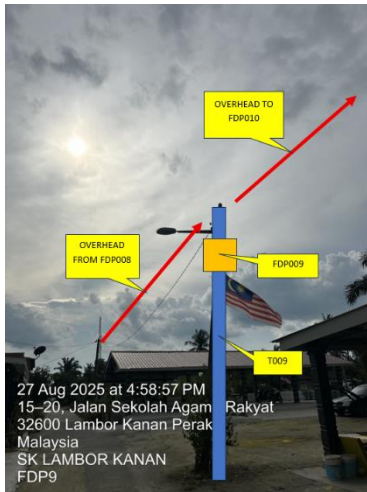
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|----|------|----|----------|------------|-------------|
| 41 | T041 | 35 | 4.266592 | 100.911578 | Majlis Road |
| 42 | T042 | 35 | 4.266567 | 100.911263 | Majlis Road |
| 43 | T043 | 35 | 4.266578 | 100.910949 | Majlis Road |
| 44 | T044 | 35 | 4.266602 | 100.910635 | Majlis Road |
| 45 | T045 | 35 | 4.266640 | 100.910322 | Majlis Road |
| 46 | T046 | 35 | 4.266665 | 100.910003 | Majlis Road |
| 47 | T047 | 35 | 4.266707 | 100.909683 | Majlis Road |
| 48 | T048 | 35 | 4.266658 | 100.909563 | Majlis Road |
| 49 | T049 | 35 | 4.266349 | 100.909530 | Majlis Road |
| 50 | T050 | 35 | 4.266031 | 100.909494 | Majlis Road |
| 51 | T051 | 35 | 4.265808 | 100.909488 | Majlis Road |

| BIL | TYPE       | 7.5m | 9m | TOTAL |
|-----|------------|------|----|-------|
| 1   | No of Pole | 50   | 1  | 51    |

5.0 SITE PHOTOS - PROPOSED NEW POLE

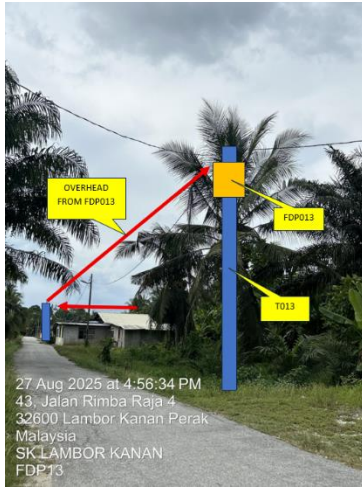








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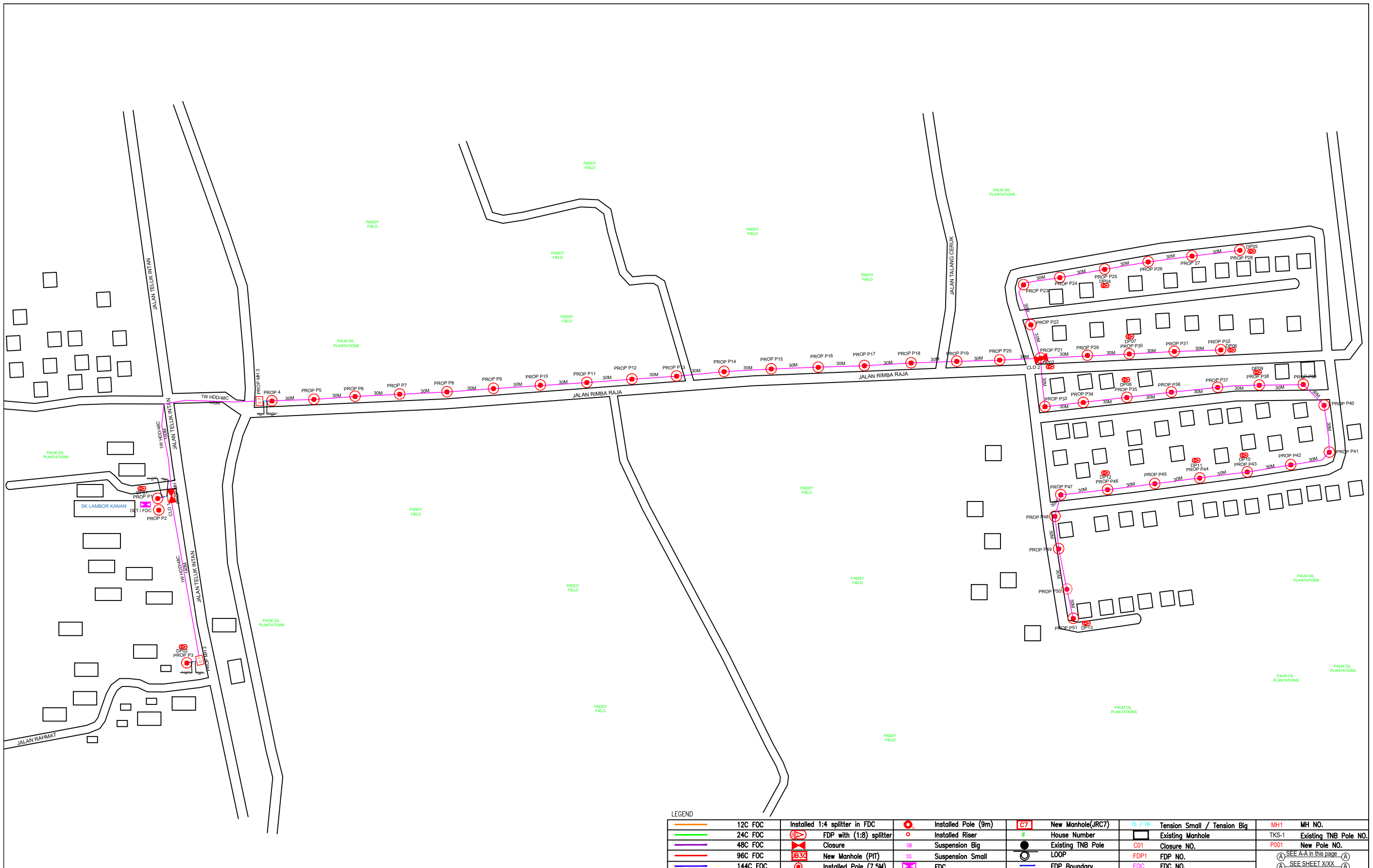


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(KKMM.400-11/17/132(1))



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

| NO | LOCAL COUNCIL / AUTHORITY  | REMARK |
|----|----------------------------|--------|
| 1  | Majlis Daerah Perak Tengah | 2120m  |



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

KEY PLAN :

PROJECT OWNER :



KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR




APEX COMMUNICATIONS SDN BHD



PRIVASAT

SUB-CONTRACTOR :



ARCHWAY

ARCHWAY MAPPING SERVICES SDN BHD

No 48 Jalan TU 39A, Taman Tasik Utama,  
75450 Ayer Keroh, Melaka

Tel: 606-233 9165 Fax: 606-233 9162  
Email: info@archwaymalaysia.com  
Website: www.archwaymalaysia.com

PROJECT TITLE:

PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK LAMBOR KANAN) TO PREMISES PASS AREA

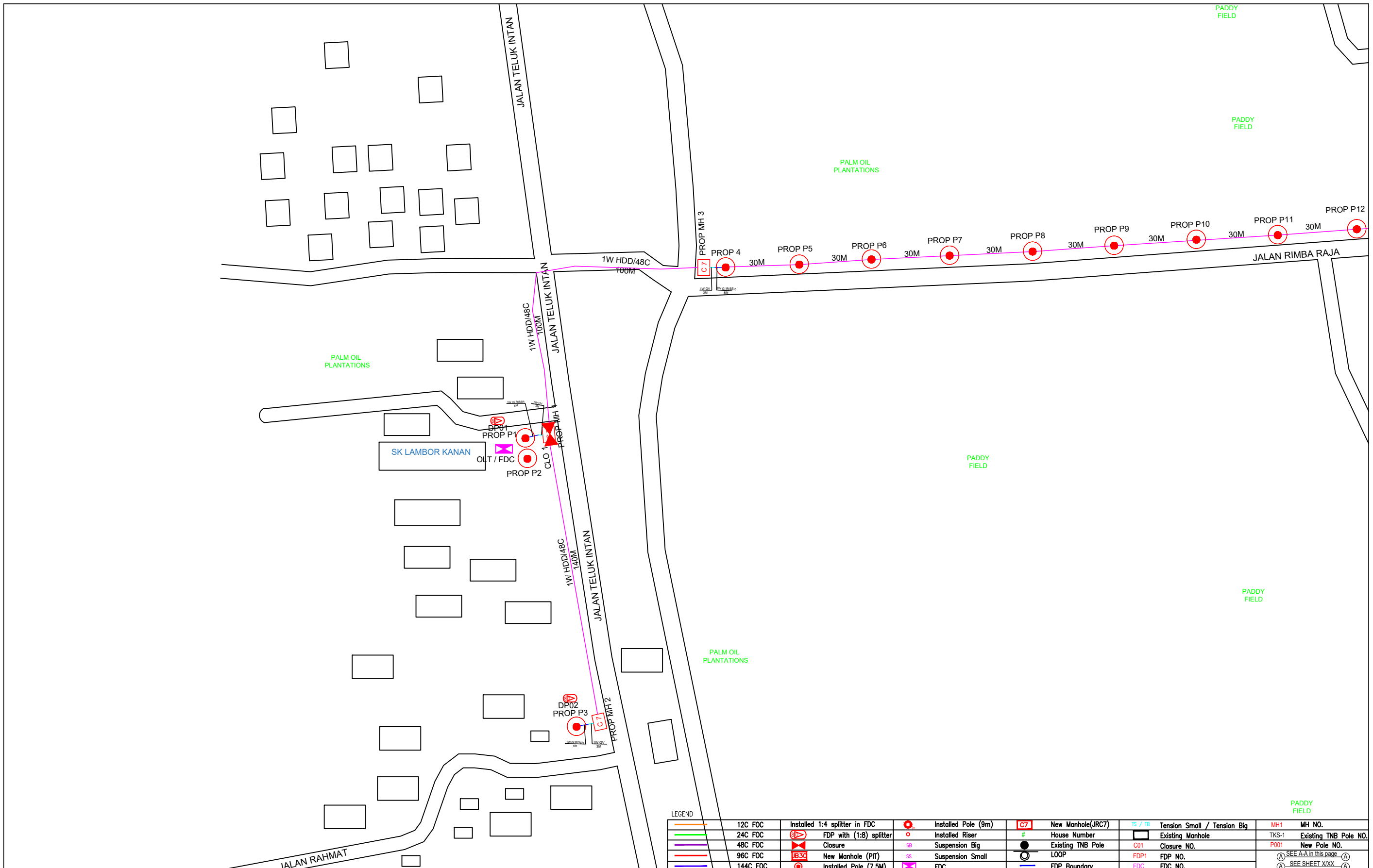
DRAWING TITLE:

SK LAMBOR KANAN

PROJECT PHASE:

PROJECT PHASE

|  |                         |
|--|-------------------------|
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| LEGEND                              |                               |
|-------------------------------------|-------------------------------|
| 12C FOC                             | Installed 1:4 splitter in FDC |
| 24C FOC                             | FDP with (1:8) splitter       |
| 48C FOC                             | Closure                       |
| 96C FOC                             | New Manhole (PIT)             |
| 144C FOC                            | Installed Pole (7.5M)         |
| Installed Pole (9m)                 | Installed Riser               |
| Suspension Big                      | Suspension Small              |
| New Manhole (JRC7)                  | House Number                  |
| Existing TNB Pole                   | LOOP                          |
| FDP Boundary                        | FDP Boundary                  |
| TS / TB Tension Small / Tension Big | Existing Manhole              |
| C01 Closure NO.                     | FDP1 FDP NO.                  |
| FDC FDC NO.                         | TKS-1 Existing TNB Pole NO.   |
|                                     | P001 New Pole NO.             |
|                                     | SEE A-A in this page          |
|                                     | SEE SHEET XXX                 |

KEY PLAN :

PROJECT OWNER :



KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR




APEX COMMUNICATIONS SDN BHD



PRIVASAT

SUB-CONTRACTOR :



ARCHWAY MAPPING SERVICES SDN BHD

No 48 Jalan TU 39A, Taman Tasik Utama, 75450 Ayer Keroh, Melaka

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Email: info@archwaymalaysia.com  
Website: www.archwaymalaysia.com

PROJECT TITLE:

PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK LAMBOR KANAN) TO PREMISES PASS AREA

DRAWING TITLE:

SK LAMBOR KANAN

PROJECT PHASE:

PROJECT PHASE

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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  |  | Suspension Big        |  | Existing TNB Pole |  | Closure NO.                 |  | New Pole NO.          |
|  | 96C FOC  |  | New Manhole (PIT)     |  | LOOP              |  | FDP NO.                     |  | SEE A-A in this page  |
|  | 144C FOC |  | Installed Pole (7.5M) |  | FDP Boundary      |  | FDC NO.                     |  | SEE SHEET XXX         |
|  |          |  | FDC                   |  |                   |  |                             |  |                       |

KEY PLAN :

PROJECT OWNER :

MAIN CONTRACTOR

**PRIVASAT**

SUB-CONTRACTOR :

ARCHWAY MAPPING SERVICES SDN BHD  
No 48 Jalan TU 39A, Taman Tasik Utama,  
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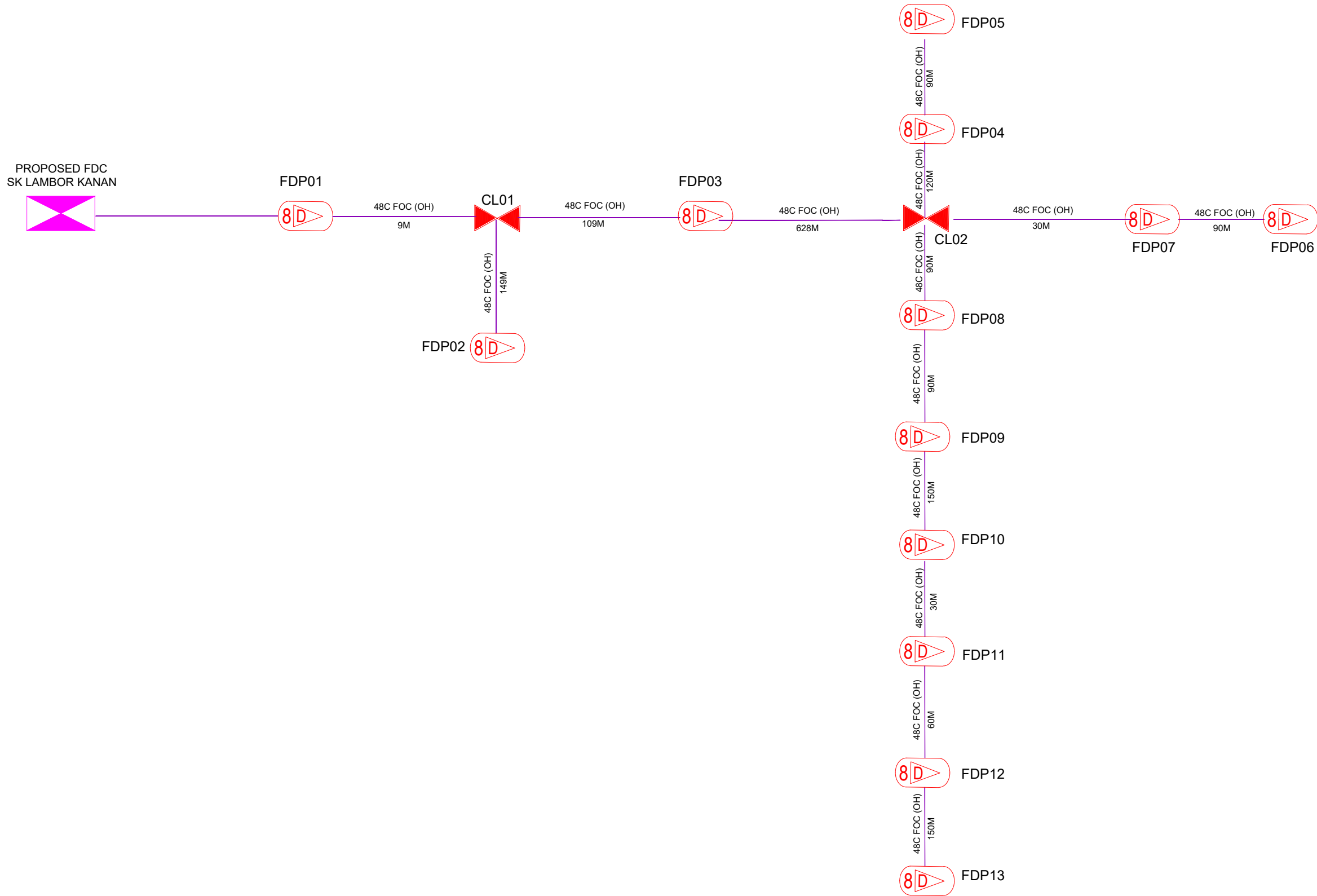
DRAWING TITLE:

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PROJECT PHASE:

PROJECT PHASE

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| LEGEND |                       |  |                         |  |                   |  |                             |  |                             |
|--------|-----------------------|--|-------------------------|--|-------------------|--|-----------------------------|--|-----------------------------|
|        | 12C FOC               |  | Installed Pole (9m)     |  | New Manhole(JRC7) |  | Tension Small / Tension Big |  | MH NO.                      |
|        | 24C FOC               |  | Installed Riser         |  | House Number      |  | Existing Manhole            |  | TKS-1 Existing TNB Pole NO. |
|        | 48C FOC               |  | FDP with (1:8) splitter |  | Suspension Big    |  | Existing TNB Pole           |  | P001 New Pole NO.           |
|        | 96C FOC               |  | Closure                 |  | Suspension Small  |  | LOOP                        |  | FDP NO.                     |
|        | 144C FOC              |  | New Manhole (PIT)       |  | FDC               |  | FDP Boundary                |  | FDC NO.                     |
|        | Installed Pole (7.5M) |  | FDC                     |  |                   |  |                             |  | SEE A:A in this page        |
|        |                       |  |                         |  |                   |  |                             |  | SEE SHEET XXX               |

|            |                     |                           |  |   |  |  |             |                       |
|------------|---------------------|---------------------------|--|---|--|--|-------------|-----------------------|
| KEY PLAN : | PROJECT OWNER :<br> | MAIN CONTRACTOR :<br><br> | 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>PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK LAMBOR KANAN) TO PREMISES PASS AREA | DRAWING TITLE:<br>D-SIDE - SK LAMBOR KANAN | Design By : ENGINEER   | Date : DATE |                       |
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