

TECHNICAL PROPOSAL

POP2 ABD6116 SEKOLAH JENIS KEBANGSAAN (TAMIL) LADANG GETAH TAIPING (D-SIDE)

Company Name : Archway Mapping Services Sdn. Bhd.
Company Address : No 48-1, Jalan TU39A, Ayer Keroh Melaka
Prepared By : Muhammad Adham
Date : 13/03/2025



Starting Point

Site / Boundary Name : TERONG
Address : SJKT LADANG GETAH TAIPING
District : LARUT MATANG
Postcode : 34800
State : PERAK
GPS Coordinate : 4.686452,100.716361
LRD : A

End Point

Site / Boundary Name : TERONG
Address : JALAN TERONG, PERAK
District : LARUT MATANG
Postcode : 34800
State : PERAK
GPS Coordinate : 4.682161,100.713494
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 | 200 |
| 2 | Carriage Way Open Trench (CW) | m | 0 |
| 3 | Grass Verge Open Trenching (GV) | m | 9 |
| 4 | Micro Trenching (MT) | m | 0 |
| Total | | | 209 |

| NO | OTHER INFORMATION | UNIT | QUANTITY |
|----|--|------|----------|
| 1 | Installation of Short Span ADSS Fibre Cables | m | 1007 |
| 2 | Install New Pole | ea | 26 |
| 3 | Install New JRC7 Manhole | ea | 3 |
| 4 | Install GI Riser 100mm | m | 18 |
| 5 | Install Fiber Distribution Point | ea | 9 |
| 6 | Install Closure | ea | 1 |
| 7 | Estimated Time Required for Completion | days | 14 |

2.0 LOCAL AUTHORITY SUMMARY

Daerah Larut Matang

| Bil | Items | Owner | Quantity | Distance |
|-------|-------------------|-----------------------|----------|----------|
| 1 | HDD | JKR | 2 | 209 |
| | | Majlis | - | - |
| | | Estate / Private Land | - | - |
| 2 | New Pole | JKR | 6 | 70m |
| | | Majlis | 20 | 728m |
| | | Estate / Private Land | - | - |
| 3 | Existing TNB Pole | JKR | - | - |
| | | Majlis | - | - |
| | | Estate / Private Land | - | - |
| Total | | | | 1007m |

3.0 SITE PLAN (KMZ)

3.1 Overview Site Area



3.2 Site Plan - KMZ Routing (All Local Authority)



Red Colour – JKR Road

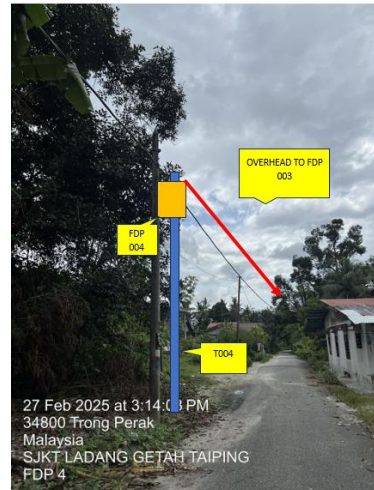
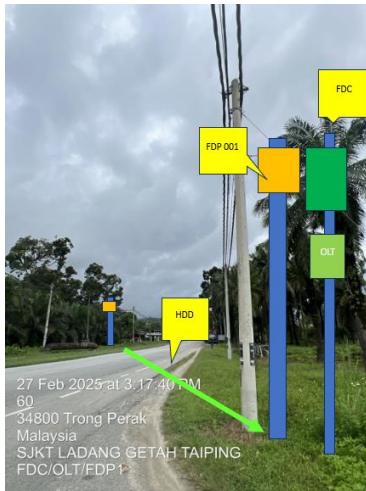
Blue Colour - PBT Road

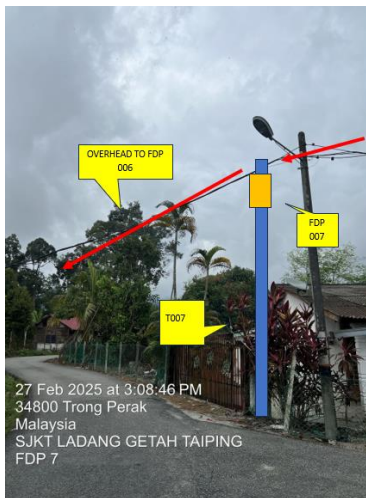
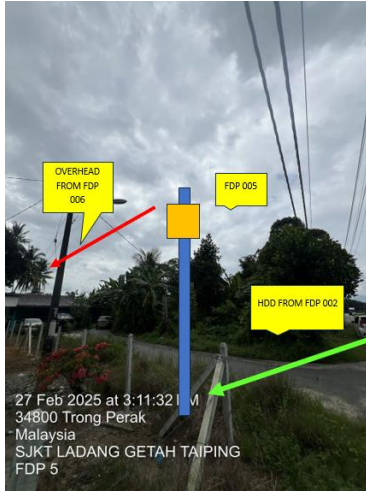
4.0 PROPOSED NEW POLE FDP

| Proposed New Pole Coordinate | | | | | |
|------------------------------|-------------|--------------|----------|------------|-----------------|
| No. | Pole Number | Distance (m) | Latitude | Longitude | Local Authority |
| 1 | T001 (9m) | 0 | 4.686452 | 100.716361 | JKR Road |
| 2 | T002 | 1 | 4.686426 | 100.716362 | JKR Road |
| 3 | T003 (9m) | 100 | 4.685711 | 100.716590 | JKR Road |
| 4 | T004 (9m) | 40 | 4.685388 | 100.716638 | JKR Road |
| 5 | T005 (9m) | 40 | 4.685069 | 100.716692 | JKR Road |
| 6 | T006 | 40 | 4.685081 | 100.716941 | PBT Road |
| 7 | T007 | 40 | 4.685097 | 100.717179 | PBT Road |
| 8 | T008 | 40 | 4.685110 | 100.717448 | PBT Road |
| 9 | T009 | 40 | 4.685148 | 100.717759 | PBT Road |
| 10 | T010 | 40 | 4.684746 | 100.716605 | JKR Road |
| 11 | T011 | 40 | 4.684757 | 100.716414 | PBT Road |
| 12 | T012 | 40 | 4.685023 | 100.716113 | PBT Road |
| 13 | T013 | 40 | 4.685186 | 100.715729 | PBT Road |
| 14 | T014 | 40 | 4.685095 | 100.715459 | PBT Road |
| 15 | T015 | 40 | 4.685071 | 100.715236 | PBT Road |
| 16 | T016 | 40 | 4.684963 | 100.714894 | PBT Road |
| 17 | T017 | 40 | 4.684608 | 100.714808 | PBT Road |
| 18 | T018 | 40 | 4.684242 | 100.714739 | PBT Road |
| 19 | T019 | 40 | 4.683879 | 100.714679 | PBT Road |
| 20 | T020 | 40 | 4.683534 | 100.714584 | PBT Road |
| 21 | T021 | 40 | 4.683181 | 100.714541 | PBT Road |
| 22 | T022 | 40 | 4.682816 | 100.714571 | PBT Road |
| 23 | T023 (9m) | 40 | 4.682456 | 100.714574 | PBT Road |
| 24 | T024 (9m) | 40 | 4.682655 | 100.714233 | PBT Road |
| 25 | T025 | 40 | 4.682249 | 100.713891 | PBT Road |
| 26 | T026 | 40 | 4.682161 | 100.713494 | PBT Road |

| BIL | TYPE | 7.5m | 9m | TOTAL |
|-----|------------|------|----|-------|
| 1 | No of Pole | 20 | 6 | 26 |

5.0 SITE PHOTOS - PROPOSED NEW POLE







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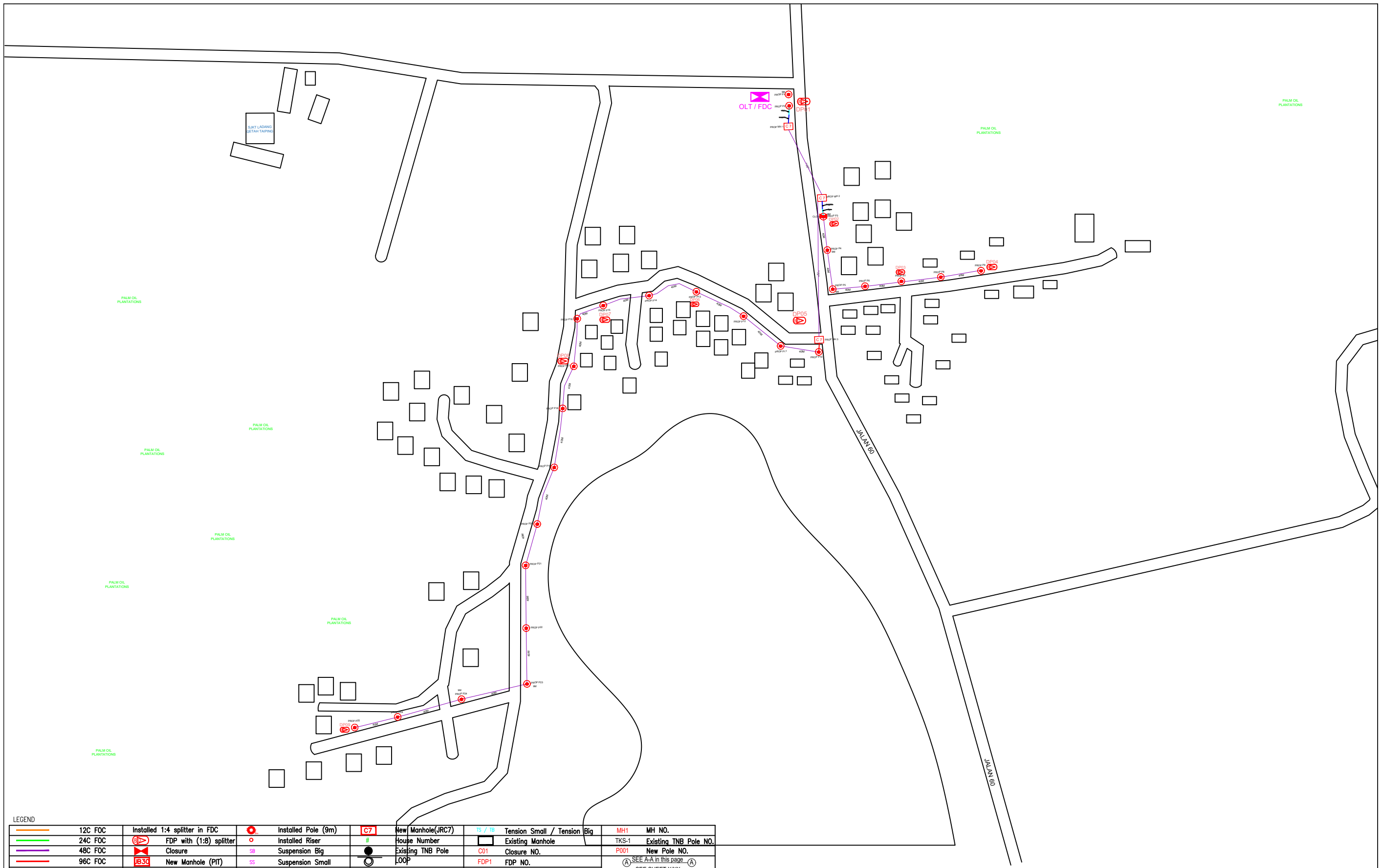


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6.0 3rd PARTIES DEPENDENCIES

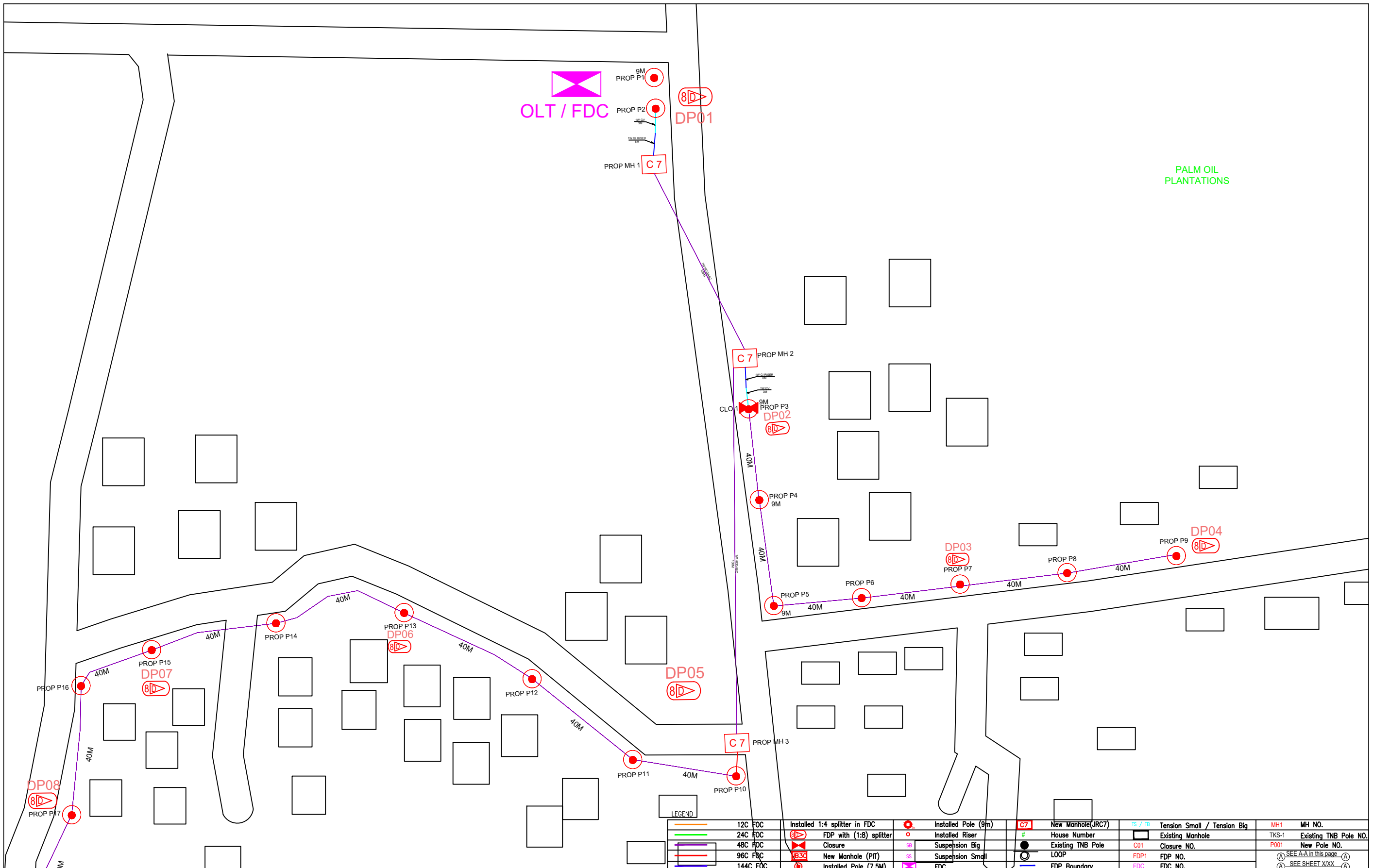
| NO | LOCAL COUNCIL / AUTHORITY | REMARK |
|----|----------------------------|--------|
| 1 | Majlis Daerah Larut Matang | 1007m |



LEGEND

| | | | | | | | | | | |
|-------------|----------|-------------------------------|---------------------|---------------------|-----------------|-------------------|------------------|-----------------------------|-----------------------|--------------|
| Orange line | 12C FOC | Installed 1:4 splitter in FDC | Red circle with dot | Installed Pole (9m) | Red box with C7 | New Manhole(JRC7) | TS / TB | Tension Small / Tension Big | MH1 | MH NO. |
| Green line | 24C FOC | FDP with (1:8) splitter | Red circle with dot | Installed Riser | # | House Number | Existing Manhole | TKS-1 | Existing TNB Pole NO. | |
| Purple line | 48C FOC | Closure | Red circle with dot | Suspension Big | ● | Existing TNB Pole | C01 | Closure NO. | P001 | New Pole NO. |
| Red line | 96C FOC | New Manhole (PIT) | SS | Suspension Small | ○ | LOOP | FDP1 | FDP NO. | SEE A-A in this page | |
| Blue line | 144C FOC | Installed Pole (7.5M) | FDC | FDP Boundary | --- | FDP NO. | FDC | FDC NO. | SEE SHEET XXX | |

| | | | | | | | |
|------------|-----------------|-------------------|---|--|---------------------------|--|-------------------------|
| KEY PLAN : | PROJECT OWNER : | MAIN CONTRACTOR : | SUB-CONTRACTOR : | PROJECT TITLE: | DRAWING TITLE: | Design By : ENGINEER | Date : DATE |
| | | | | PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SJKT LADANG GETAH TAIPING) TO PREMISES PASS AREA | SJKT LADANG GETAH TAIPING | Drawn By : CAD ENGINEER | Scale : NTS |
| | | | | | PROJECT PHASE: | Checked By : ENGINEER | Job Number : JOB/NUMBER |
| | | | 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 PHASE | DRAWING NUMBER : DRAWING/NUMBER | |
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KEY PLAN :

PROJECT OWNER :



KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR




APEX COMMUNICATIONS SDN BHD



PRIVASAT

SUB-CONTRACTOR :



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

PROJECT TITLE:

PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SMK JELAI) TO PREMISES PASS AREA

DRAWING TITLE:

SJKT LADANG GETAH TAIPING

PROJECT PHASE:

PROJECT PHASE

| | |
|--|-------------------------|
| Design By : ENGINEER | Date : DATE |
| Drawn By : CAD ENGINEER | Scale : NTS |
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| 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 |
| | TS / TB Tension Small / Tension Big |
| | Existing Manhole |
| | Closure NO. |
| | FDP NO. |
| | FDC NO. |
| | MH1 MH NO. |
| | TKS-1 Existing TNB Pole NO. |
| | P001 New Pole NO. |
| | SEE A-A in this page |
| | SEE SHEET XXX |

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KEMENTERIAN KOMUNIKASI DAN DIGITAL

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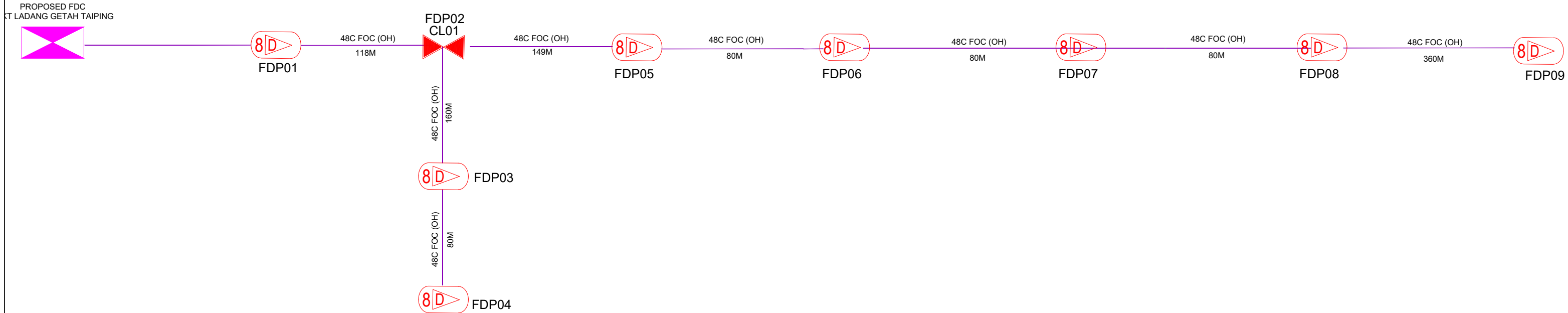
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| LEGEND | | | | | | | | | |
|--------|----------|--|-----------------------|--|-------------------|--|-----------------------------|--|-----------------------|
| | 12C FOC | | Installed Pole (9m) | | New Manhole(JRC7) | | Tension Small / Tension Big | | MH NO. |
| | 24C FOC | | Installed Pole (7.5M) | | House Number | | Existing Manhole | | Existing TNB Pole NO. |
| | 48C FOC | | Installed Pole (7.5M) | | Closure NO. | | Existing TNB Pole | | New Pole NO. |
| | 96C FOC | | Installed Pole (7.5M) | | FDP NO. | | LOOP | | FDC NO. |
| | 144C FOC | | Installed Pole (7.5M) | | FDP NO. | | FDP NO. | | FDC NO. |
| | 144C FOC | | Installed Pole (7.5M) | | FDP NO. | | FDP NO. | | FDC NO. |

KEY PLAN :

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DRAWING TITLE:
D-SIDE _SJKT LADANG GETAH TAIPING

PROJECT PHASE:
PROJECT PHASE

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