



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 ABC6083 SEKOLAH JENIS KEBANGSAAN CINA PHOOI WAH (D-SIDE))

Company Name : Archway Mapping Services Sdn. Bhd.
Company Address : No 48-1, Jalan TU39A, Ayer Keroh Melaka
Prepared By : Muhammad Adham
Date : 3/12/2024



Starting Point

Site / Boundary Name : BATU KURAU
Address : SJKC PHOOI WAH
District : LARUT MATANG
Postcode : 34520
State : PERAK
GPS Coordinate : 5.012715, 100.809906
LRD : A

End Point

Site / Boundary Name : BATU KURAU
Address : JALAN PULASAN, KG JELAI, PERAK
District : LARUT MATANG
Postcode : 34500
State : PERAK
GPS Coordinate : 5.011966,100.807963
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 | 1543 |
| 2 | Install New Pole | ea | 49 |
| 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 | 2 |
| 7 | Estimated Time Required for Completion | days | 14 |

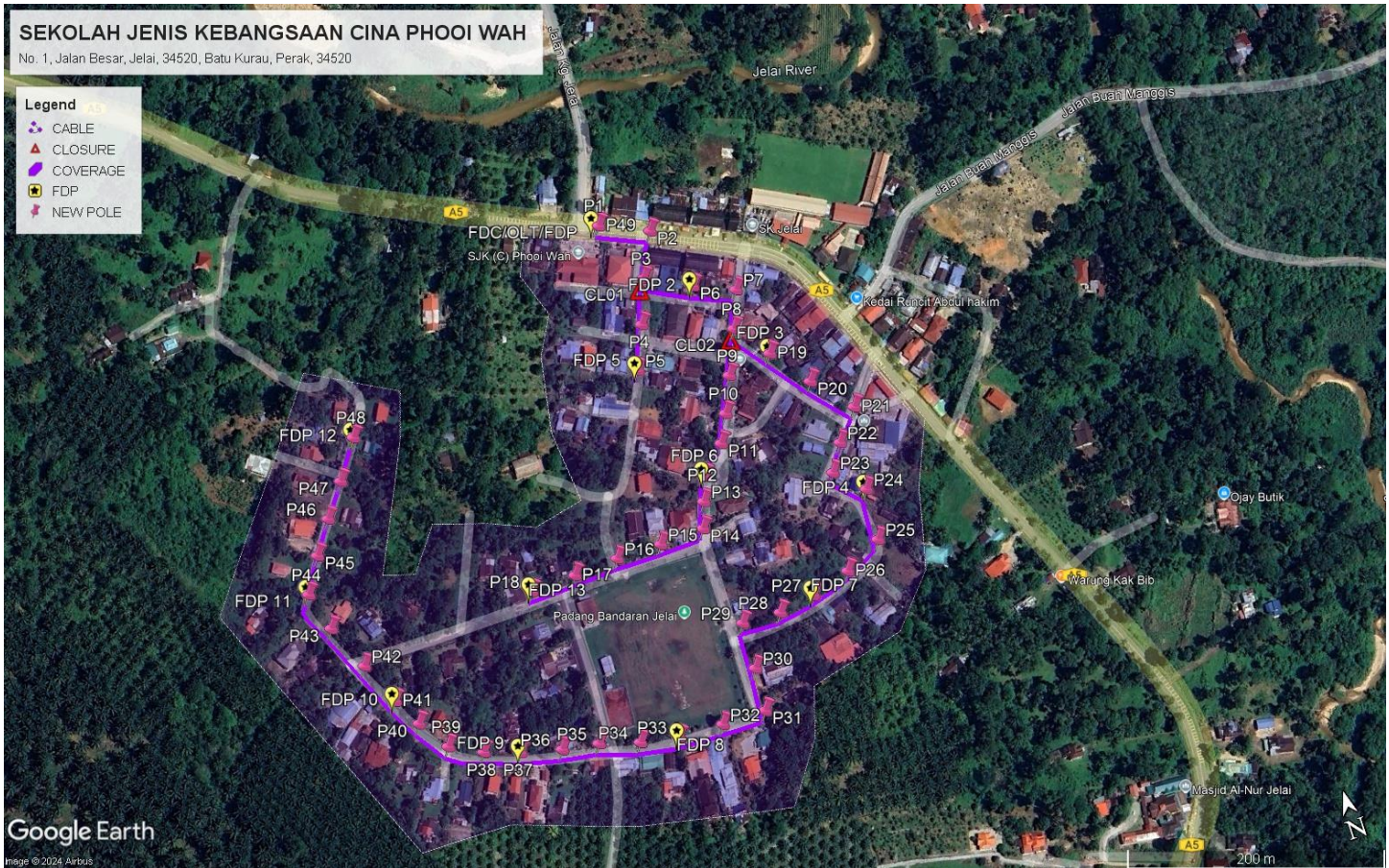
2.0 LOCAL AUTHORITY SUMMARY

Daerah Larut Matang

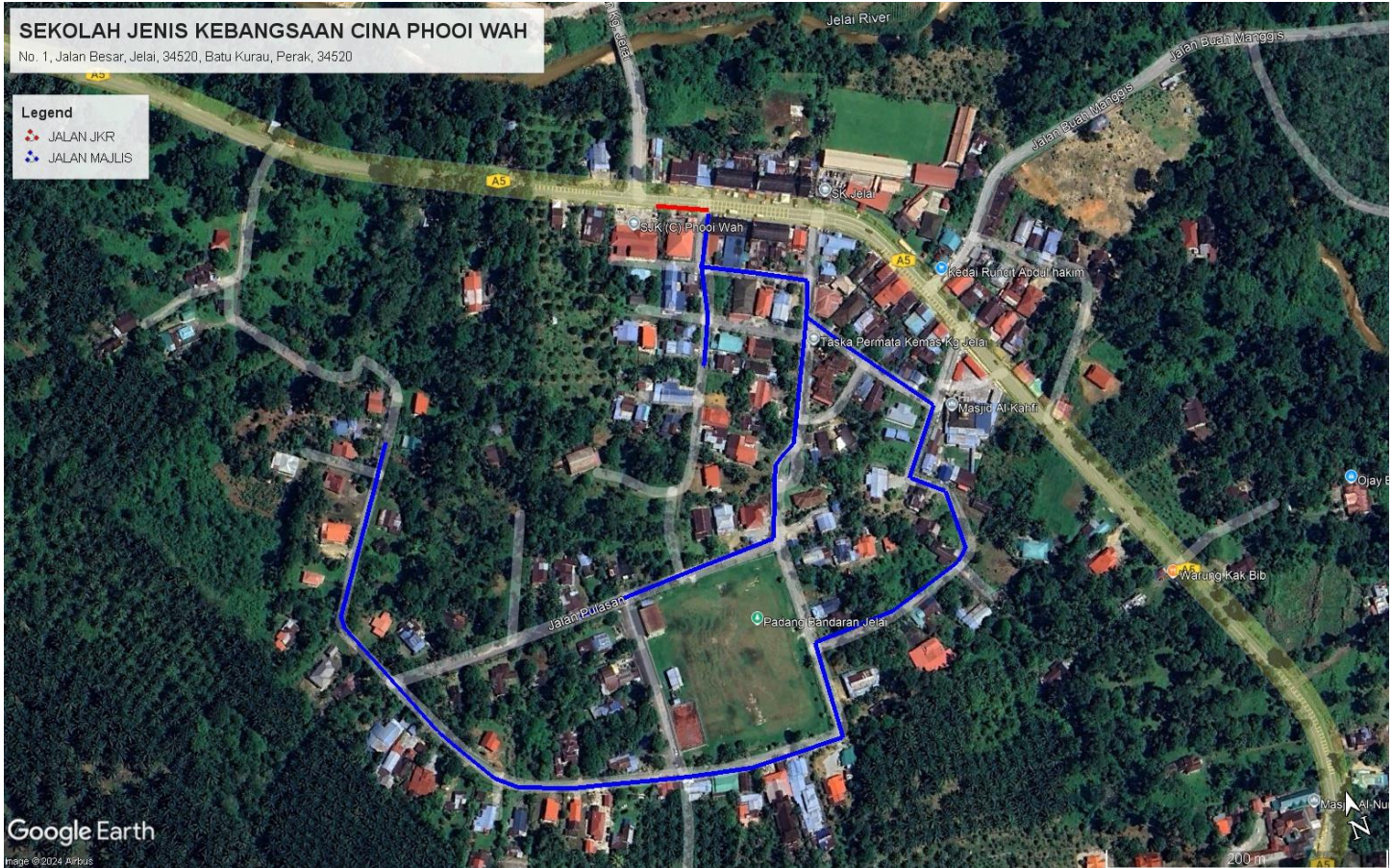
| Bil | Items | Owner | Quantity | Distance |
|-------|-------------------|-----------------------|----------|----------|
| 1 | HDD | JKR | - | - |
| | | Majlis | - | - |
| | | Estate / Private Land | - | - |
| 2 | New Pole | JKR | 3 | 40m |
| | | Majlis | 46 | 1503m |
| | | Estate / Private Land | - | - |
| 3 | Existing TNB Pole | JKR | - | - |
| | | Majlis | - | - |
| | | Estate / Private Land | - | - |
| Total | | | | 1543m |

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 - Majlis Road

4.0 PROPOSED NEW POLE FDP

| Proposed New Pole Coordinate | | | | | |
|------------------------------|-------------|--------------|----------|------------|--------------------|
| No. | Pole Number | Distance (m) | Latitude | Longitude | Local Authority |
| 1 | T001 | 0 | 5.012864 | 100.810054 | JKR Road |
| 2 | T002 | 35 | 5.012696 | 100.810401 | JKR Road |
| 3 | T003 | 35 | 5.012397 | 100.810256 | Majlis Daerah Road |
| 4 | T004 | 35 | 5.012082 | 100.810184 | Majlis Daerah Road |
| 5 | T005 | 35 | 5.011788 | 100.810058 | Majlis Daerah Road |
| 6 | T006 | 35 | 5.012233 | 100.810584 | Majlis Daerah Road |
| 7 | T007 | 35 | 5.012077 | 100.810861 | Majlis Daerah Road |
| 8 | T008 | 35 | 5.011873 | 100.810773 | Majlis Daerah Road |
| 9 | T009 | 35 | 5.011571 | 100.810640 | Majlis Daerah Road |
| 10 | T010 | 35 | 5.011320 | 100.810529 | Majlis Daerah Road |
| 11 | T011 | 35 | 5.011121 | 100.810444 | Majlis Daerah Road |
| 12 | T012 | 35 | 5.010934 | 100.810253 | Majlis Daerah Road |
| 13 | T013 | 35 | 5.010777 | 100.810185 | Majlis Daerah Road |
| 14 | T014 | 35 | 5.010592 | 100.810124 | Majlis Daerah Road |
| 15 | T015 | 35 | 5.010569 | 100.809803 | Majlis Daerah Road |
| 16 | T016 | 35 | 5.010561 | 100.809480 | Majlis Daerah Road |
| 17 | T017 | 35 | 5.010547 | 100.809147 | Majlis Daerah Road |
| 18 | T018 | 35 | 5.010515 | 100.808791 | Majlis Daerah Road |
| 19 | T019 | 35 | 5.011628 | 100.810951 | Majlis Daerah Road |
| 20 | T020 | 35 | 5.011346 | 100.811164 | Majlis Daerah Road |
| 21 | T021 | 35 | 5.011062 | 100.811391 | Majlis Daerah Road |
| 22 | T022 | 35 | 5.010876 | 100.811241 | Majlis Daerah Road |
| 23 | T023 | 35 | 5.010687 | 100.811096 | Majlis Daerah Road |
| 24 | T024 | 35 | 5.010475 | 100.811269 | Majlis Daerah Road |
| 25 | T025 | 35 | 5.010132 | 100.811264 | Majlis Daerah Road |
| 26 | T026 | 35 | 5.009998 | 100.811009 | Majlis Daerah Road |
| 27 | T027 | 35 | 5.009911 | 100.810724 | Majlis Daerah Road |
| 28 | T028 | 35 | 5.009883 | 100.810459 | Majlis Daerah Road |
| 29 | T029 | 35 | 5.009864 | 100.810159 | Majlis Daerah Road |
| 30 | T030 | 35 | 5.009534 | 100.810154 | Majlis Daerah Road |
| 31 | T031 | 35 | 5.009239 | 100.810147 | Majlis Daerah Road |
| 32 | T032 | 35 | 5.009238 | 100.809831 | Majlis Daerah Road |
| 33 | T033 | 35 | 5.009248 | 100.809509 | Majlis Daerah Road |
| 34 | T034 | 35 | 5.009299 | 100.809238 | Majlis Daerah Road |
| 35 | T035 | 35 | 5.009351 | 100.808962 | Majlis Daerah Road |
| 36 | T036 | 35 | 5.009351 | 100.808962 | Majlis Daerah Road |
| 37 | T037 | 35 | 5.009480 | 100.808395 | Majlis Daerah Road |
| 38 | T038 | 35 | 5.009562 | 100.808147 | Majlis Daerah Road |
| 39 | T039 | 35 | 5.009678 | 100.807919 | Majlis Daerah Road |



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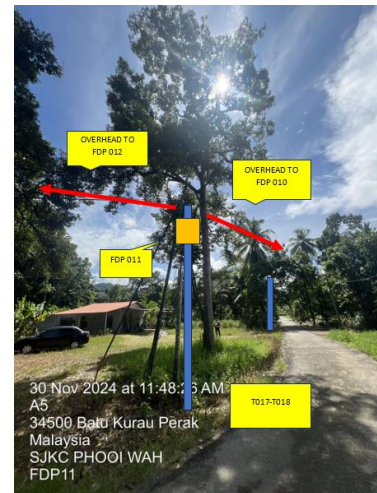
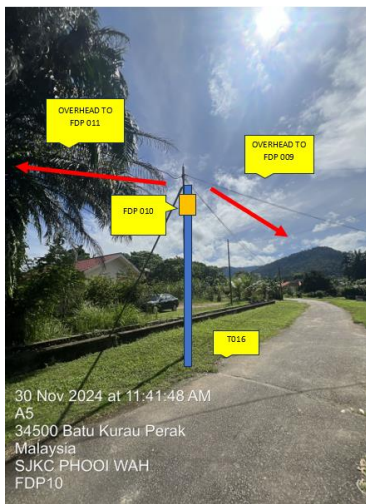


| | | | | | |
|----|------|----|----------|------------|--------------------|
| 40 | T040 | 35 | 5.009898 | 100.807776 | Majlis Daerah Road |
| 41 | T041 | 35 | 5.010104 | 100.807664 | Majlis Daerah Road |
| 42 | T042 | 35 | 5.010406 | 100.807531 | Majlis Daerah Road |
| 43 | T043 | 35 | 5.010730 | 100.807388 | Majlis Daerah Road |
| 44 | T044 | 35 | 5.011007 | 100.807312 | Majlis Daerah Road |
| 45 | T045 | 35 | 5.011251 | 100.807457 | Majlis Daerah Road |
| 46 | T046 | 35 | 5.011475 | 100.807609 | Majlis Daerah Road |
| 47 | T047 | 35 | 5.011702 | 100.807777 | Majlis Daerah Road |
| 48 | T048 | 35 | 5.011966 | 100.807963 | Majlis Daerah Road |
| 49 | T049 | 35 | 5.012864 | 100.810078 | JKR Road |

5.0 SITE PHOTOS - PROPOSED NEW POLE









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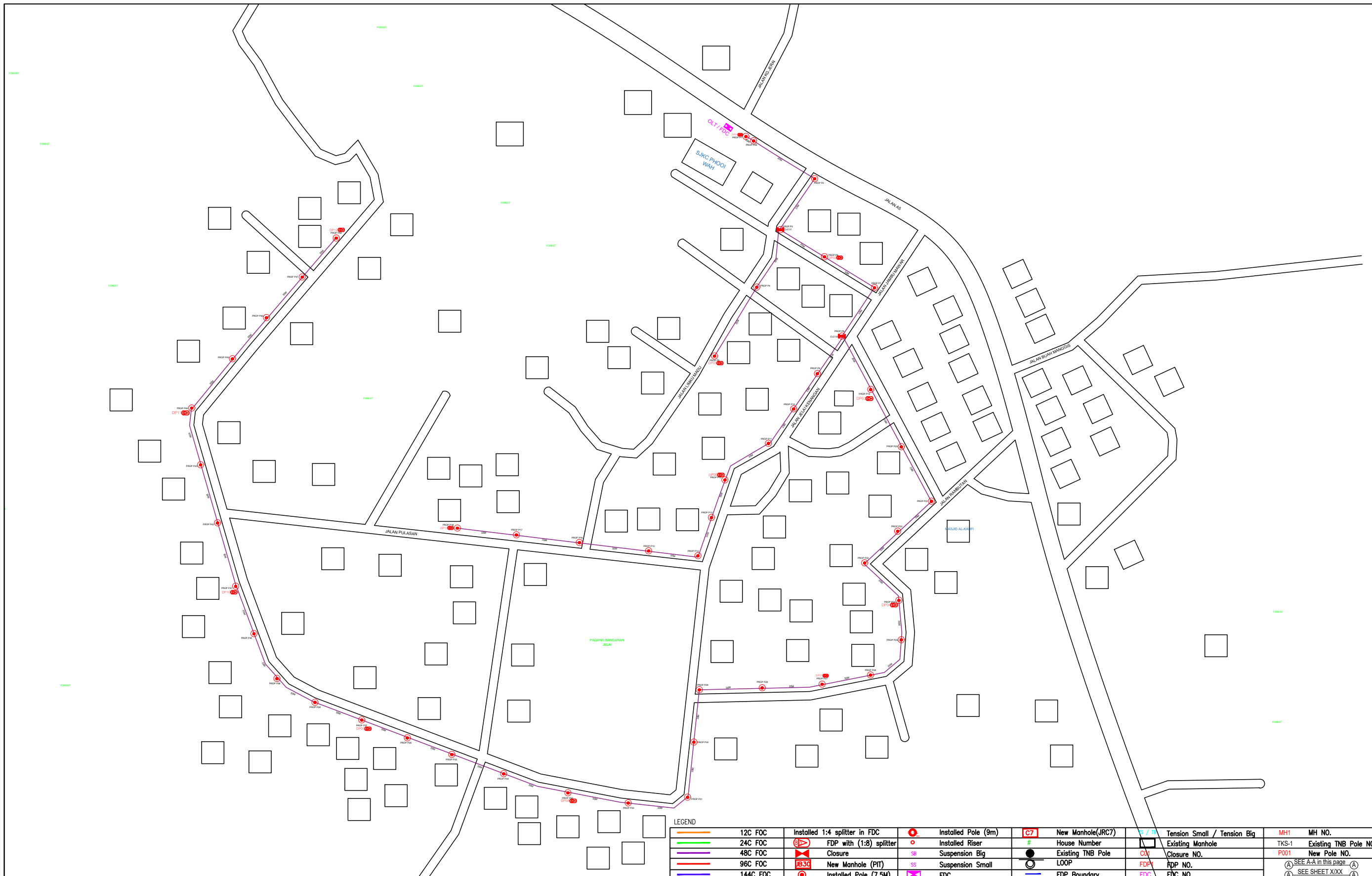


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6.0 3rd PARTIES DEPENDENCIES

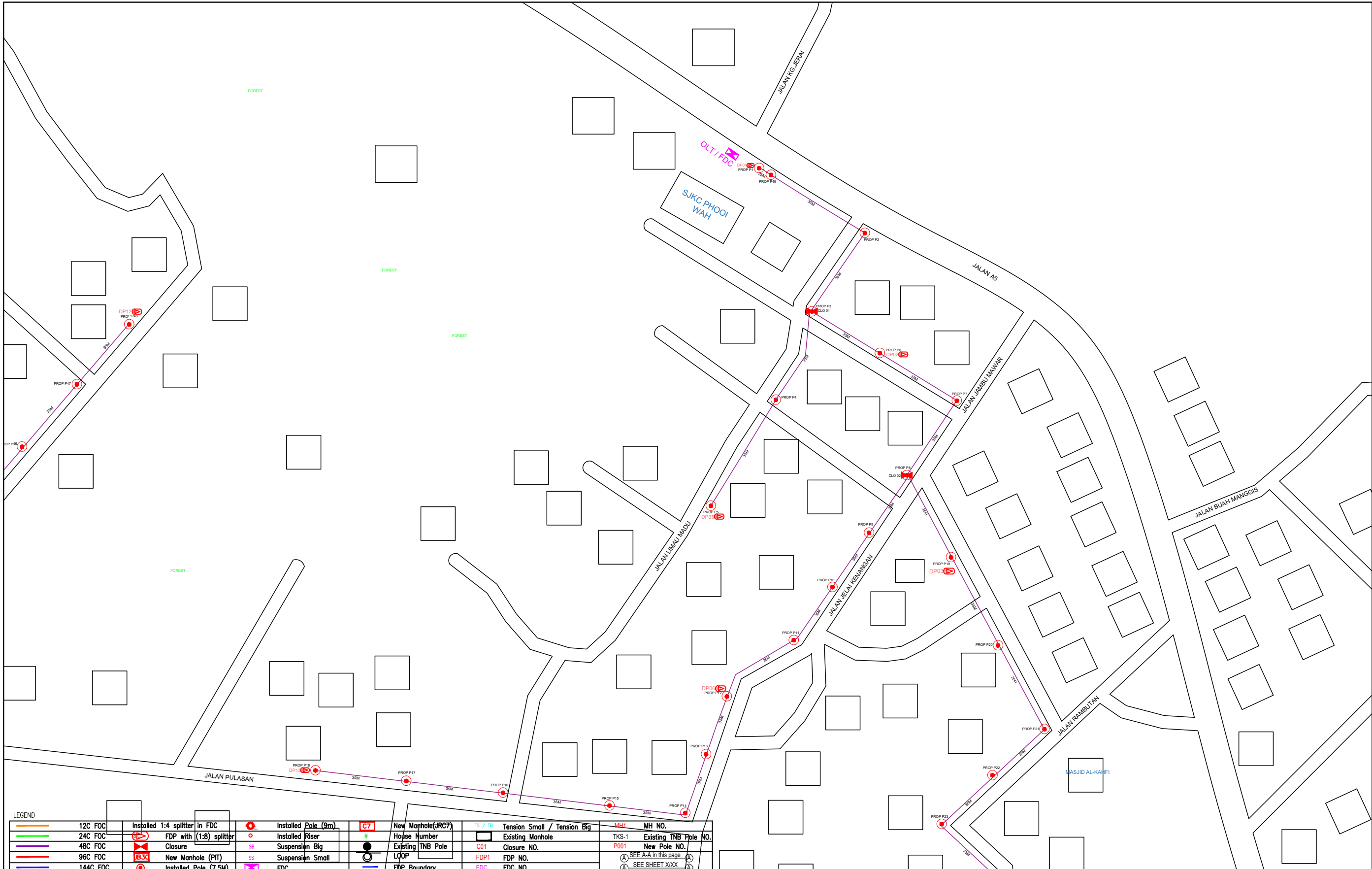
| NO | LOCAL COUNCIL / AUTHORITY | REMARK |
|----|----------------------------|--------|
| 1 | Majlis Daerah Larut Matang | 1543m |



LEGEND

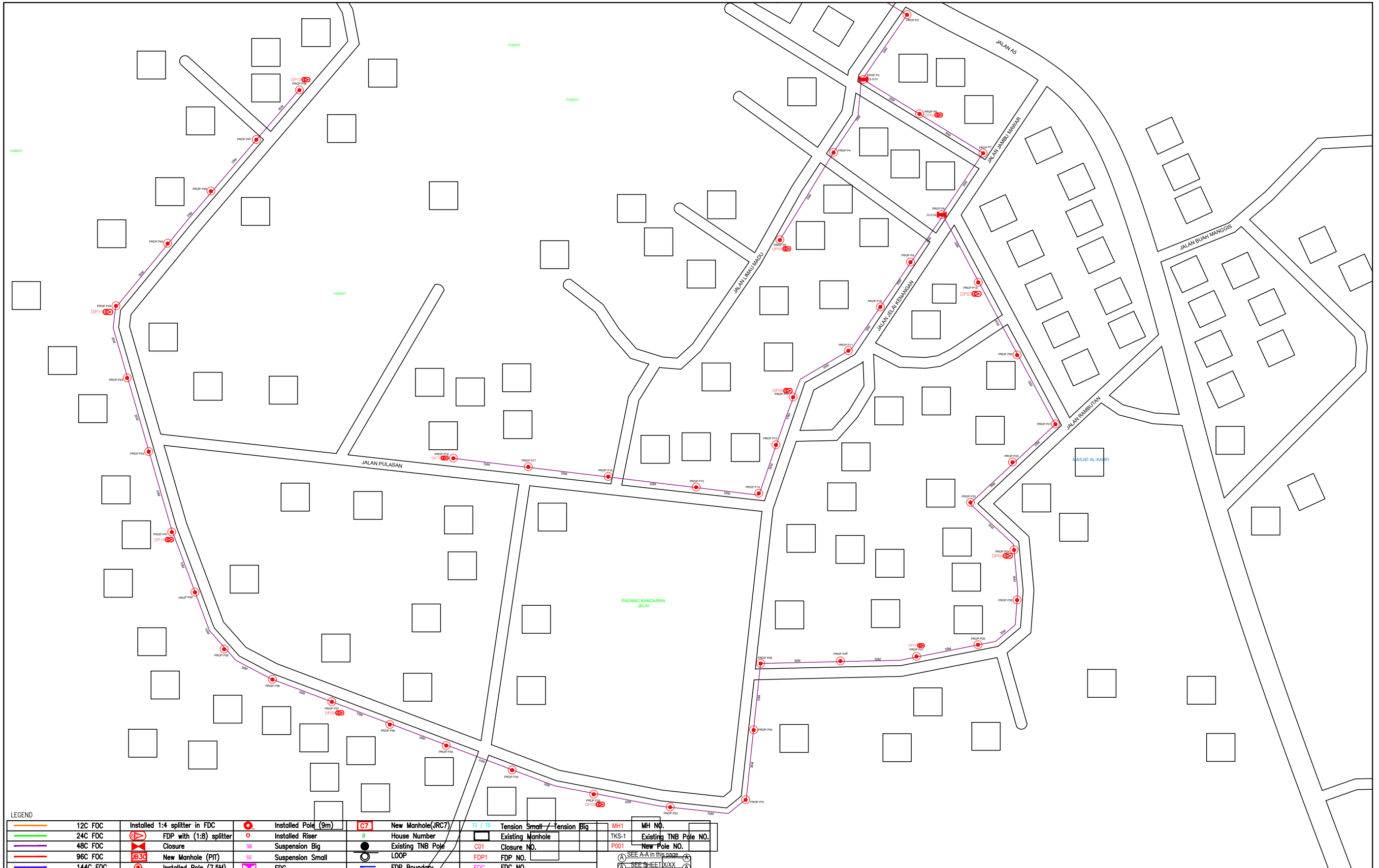
| | | | | | | | | | | | |
|--|----------|--|-------------------------------|--|-----------------------|--|-------------------|--|-----------------------------|-------|-----------------------|
| | 12C FOC | | Installed 1:4 splitter in FDC | | Installed Pole (9m) | | New Manhole(JRC7) | | Tension Small / Tension Big | MH1 | MH NO. |
| | 24C FOC | | FDP with (1:8) splitter | | Installed Pole (7.5M) | | House Number | | Existing Manhole | TKS-1 | Existing TNB Pole NO. |
| | 48C FOC | | Closure | | Suspension Big | | Existing TNB Pole | | Closure NO. | P001 | 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 : | MAIN CONTRACTOR | SUB-CONTRACTOR : | PROJECT TITLE: PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SJKC PHOOI WAH) TO PREMISES PASS AREA | DRAWING TITLE: SJKC PHOOI WAH | Design By : ENGINEER | Date : DATE | |
| | | | | | PROJECT PHASE: PROJECT PHASE | Drawn By : CAD ENGINEER | Scale : NTS | |
| | | | | | | Checked By : ENGINEER | Job Number : JOB/NUMBER | |
| | | | | | | DRAWING NUMBER : DRAWING/NUMBER | | Sheet : 1/1 |
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| LEGEND | |
|--------|-------------------------------------|
| | 12C FOC |
| | 24C FOC |
| | 48C FOC |
| | 96C FOC |
| | 144C FOC |
| | Installed Pole (9m) |
| | Installed Riser |
| | Suspension Big |
| | Suspension Small |
| | New Manhole (PIT) |
| | Installed Pole (7.5M) |
| | FDC |
| | New Manhole (JRC7) |
| | House Number |
| | Existing TNB Pole |
| | LOQP |
| | FDP Boundary |
| | TS / TB Tension Small / Tension Big |
| | Existing Manhole |
| | CD1 Closure NO. |
| | FDP1 FDP NO. |
| | FDC FDC NO. |
| | MH1 MH NO. |
| | TKS-1 Existing TNB Pole NO. |
| | P001 New Pole NO. |
| | SEE A-A in this page |
| | SEE SHEET XXX |

| | | | | | | |
|------------|---------------------|--|--|---|----------------------------------|---|
| KEY PLAN : | PROJECT OWNER : | MAIN CONTRACTOR : PRIVASAT | SUB-CONTRACTOR : 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: PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SJKC PHOOI WAH) TO PREMISES PASS AREA | DRAWING TITLE: SJKC PHOOI WAH | Design By : ENGINEER Date : DATE |
| | | | | | PROJECT PHASE: PROJECT PHASE | Drawn By : CAD ENGINEER Scale : NTS |
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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 | | Closure | | Suspension Big | | Closure NO. | | New Pole NO. |
| | 96C FOC | | New Manhole (PT) | | Suspension Small | | FDP NO. | | SEE A-A in this page |
| | 144C FOC | | Installed Pole (7.5M) | | FDC | | FDC NO. | | SEE SHEET XXX |

| | | | | | | | |
|------------|-----------------|-----------------|---|--|----------------|--|--------------------------------|
| KEY PLAN : | PROJECT OWNER : | MAIN CONTRACTOR | SUB-CONTRACTOR : | PROJECT TITLE: | DRAWING TITLE: | Design By : ENGINEER | Date : DATE |
| | | | | PROJECT FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SJKC PHOOI WAH) TO PREMISES PASS AREA | SJKC PHOOI WAH | 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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