



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 ABC6085 SEKOLAH JENIS KEBANGSAAN (C) POAY ENG (D-SIDE)

Company Name : Archway Mapping Services Sdn. Bhd.
Company Address : No 48-1, Jalan TU39A, Ayer Keroh Melaka
Prepared By : Muhammad Adham
Date : 12/11/2024



Starting Point

Site / Boundary Name : KUALA SEPETANG
Address : SJK C POAY ENG
District : LARUT MATANG
Postcode : 34650
State : PERAK
GPS Coordinate : 4.501208, 100.374571
LRD : A

End Point

Site / Boundary Name : KUALA SEPETANG
Address : TAMAN KUALA SEPETANG
District : LARUT MATANG
Postcode : 34650
State : PERAK
GPS Coordinate : 4.501373,100.375133
LRD : B



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1.0 WORK SUMMARY

| NO | PROPOSED DISTANCE AND METHOD | UNIT | QUANTITY |
|-------|---------------------------------------|------|----------|
| 1 | Horizontal Directional Drilling (HDD) | m | 160 |
| 2 | Carriage Way Open Trench (CW) | m | 0 |
| 3 | Grass Verge Open Trenching (GV) | m | 6 |
| 4 | Micro Trenching (MT) | m | 0 |
| Total | | | 166 |

| NO | OTHER INFORMATION | UNIT | QUANTITY |
|----|--|------|----------|
| 1 | Installation of Short Span ADSS Fibre Cables | m | 1870 |
| 2 | Install New Pole | ea | 47 |
| 3 | Install New JRC7 Manhole | ea | 2 |
| 4 | Install GI Riser 100mm | m | 12 |
| 5 | Install Fiber Distribution Point | ea | 16 |
| 6 | Install Closure | ea | 2 |
| 7 | Estimated Time Required for Completion | days | 14 |

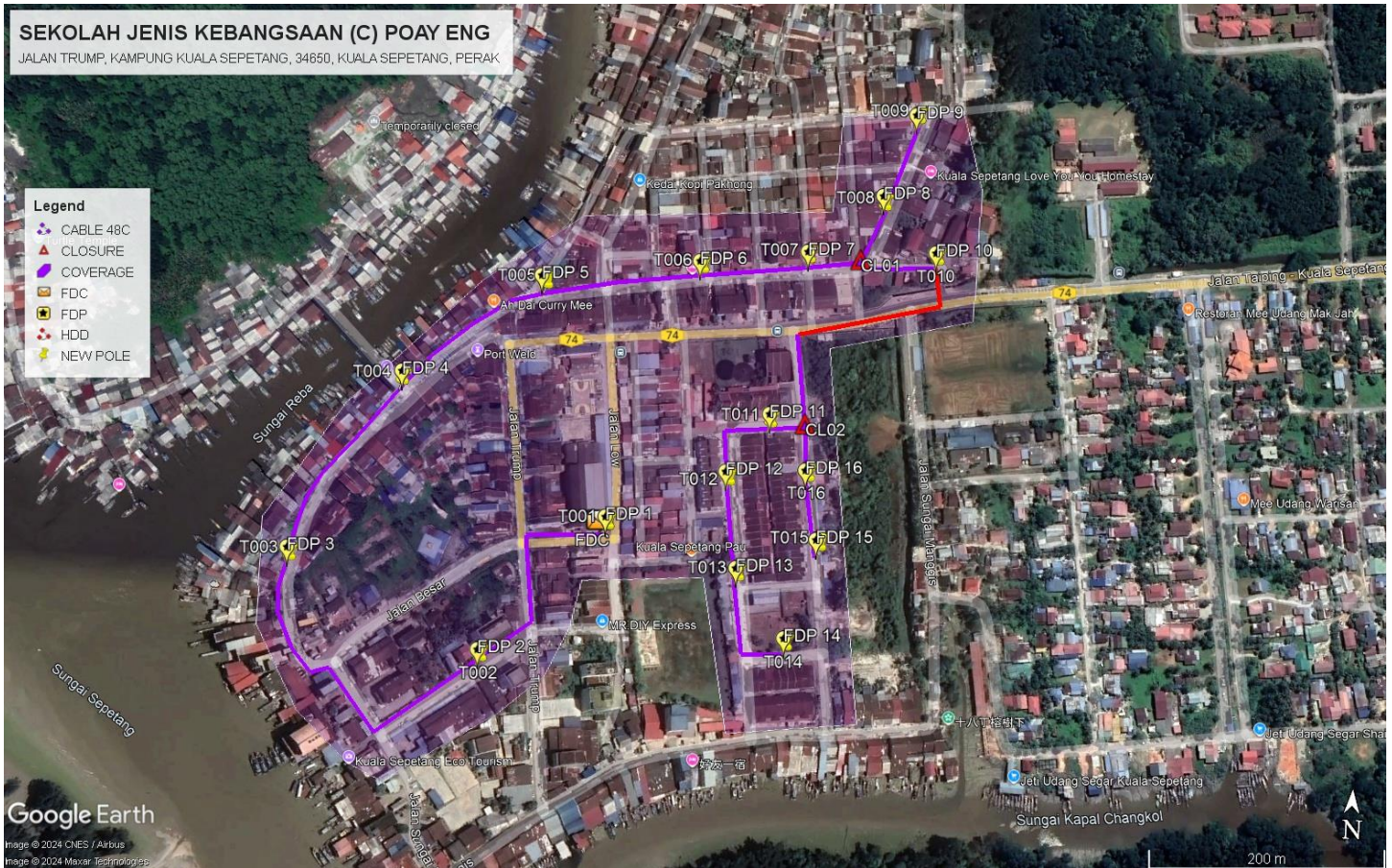
2.0 LOCAL AUTHORITY SUMMARY

Daerah Larut Matang

| Bil | Items | Owner | Quantity | Distance |
|-------|-------------------|-----------------------|----------|----------|
| 1 | HDD | JKR | 1 | 160m |
| | | Majlis | - | - |
| | | Estate / Private Land | - | - |
| 2 | New Pole | JKR | - | - |
| | | Majlis | 47 | 1710m |
| | | Estate / Private Land | - | - |
| 3 | Existing TNB Pole | JKR | - | - |
| | | Majlis | - | - |
| | | Estate / Private Land | - | - |
| Total | | | | 1870m |

3.0 SITE PLAN (KMZ)

3.1 Overview Site Area



4.0 PROPOSED NEW POLE FDP

| Proposed New Pole Coordinate | | | | | |
|------------------------------|-------------|--------------|----------|------------|--------------------|
| No. | Pole Number | Distance (m) | Latitude | Longitude | Local Authority |
| 1 | FDC | 0 | 4.501208 | 100.374571 | Majlis Daerah Road |
| 2 | T001 | 3 | 4.501209 | 100.374585 | Majlis Daerah Road |
| 3 | T002 | 40 | 4.501195 | 100.374491 | Majlis Daerah Road |
| 4 | T003 | 40 | 4.501184 | 100.374381 | Majlis Daerah Road |
| 5 | T004 | 40 | 4.501075 | 100.374389 | Majlis Daerah Road |
| 6 | T005 | 40 | 4.500958 | 100.374402 | Majlis Daerah Road |
| 7 | T006 | 40 | 4.500903 | 100.374329 | Majlis Daerah Road |
| 8 | T007 | 40 | 4.500828 | 100.374255 | Majlis Daerah Road |
| 9 | T008 | 40 | 4.500728 | 100.374101 | Majlis Daerah Road |
| 10 | T009 | 40 | 4.500634 | 100.373989 | Majlis Daerah Road |
| 11 | T010 | 40 | 4.500708 | 100.373925 | Majlis Daerah Road |
| 12 | T011 | 40 | 4.500792 | 100.373857 | Majlis Daerah Road |
| 13 | T012 | 40 | 4.500830 | 100.373752 | Majlis Daerah Road |
| 14 | T013 | 40 | 4.500931 | 100.373712 | Majlis Daerah Road |
| 15 | T014 | 40 | 4.501074 | 100.373710 | Majlis Daerah Road |
| 16 | T015 | 40 | 4.501223 | 100.373738 | Majlis Daerah Road |
| 17 | T016 | 40 | 4.501364 | 100.373818 | Majlis Daerah Road |
| 18 | T017 | 40 | 4.501470 | 100.373916 | Majlis Daerah Road |
| 19 | T018 | 40 | 4.501578 | 100.373985 | Majlis Daerah Road |
| 20 | T019 | 40 | 4.501660 | 100.374062 | Majlis Daerah Road |
| 21 | T020 | 40 | 4.501740 | 100.374151 | Majlis Daerah Road |
| 22 | T021 | 40 | 4.501819 | 100.374252 | Majlis Daerah Road |
| 23 | T022 | 40 | 4.501870 | 100.374372 | Majlis Daerah Road |
| 24 | T023 | 40 | 4.501898 | 100.374516 | Majlis Daerah Road |
| 25 | T024 | 40 | 4.501924 | 100.374659 | Majlis Daerah Road |
| 26 | T025 | 40 | 4.501938 | 100.374807 | Majlis Daerah Road |
| 27 | T026 | 40 | 4.501958 | 100.374949 | Majlis Daerah Road |
| 28 | T027 | 40 | 4.501984 | 100.375104 | Majlis Daerah Road |
| 29 | T028 | 40 | 4.502000 | 100.375255 | Majlis Daerah Road |
| 30 | T029 | 40 | 4.502143 | 100.375310 | Majlis Daerah Road |
| 31 | T030 | 40 | 4.502269 | 100.375364 | Majlis Daerah Road |
| 32 | T031 | 30 | 4.502397 | 100.375394 | Majlis Daerah Road |
| 33 | T032 | 30 | 4.501990 | 100.375368 | Majlis Daerah Road |
| 34 | T033 | 30 | 4.501998 | 100.375464 | Majlis Daerah Road |
| 35 | T034 | 160 | 4.501788 | 100.375096 | Majlis Daerah Road |
| 36 | T035 | 35 | 4.501661 | 100.375111 | Majlis Daerah Road |
| 37 | T036 | 35 | 4.501522 | 100.375126 | Majlis Daerah Road |
| 38 | T037 | 35 | 4.501517 | 100.375020 | Majlis Daerah Road |
| 39 | T038 | 35 | 4.501510 | 100.374906 | Majlis Daerah Road |



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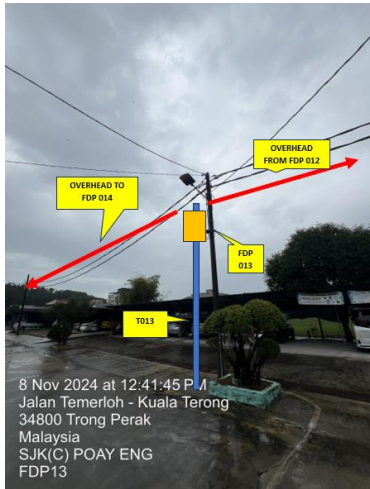
| | | | | | |
|----|------|----|----------|------------|--------------------|
| 40 | T039 | 35 | 4.501427 | 100.374913 | Majlis Daerah Road |
| 41 | T040 | 35 | 4.501350 | 100.374913 | Majlis Daerah Road |
| 42 | T041 | 35 | 4.501222 | 100.374937 | Majlis Daerah Road |
| 43 | T042 | 35 | 4.501089 | 100.374952 | Majlis Daerah Road |
| 44 | T043 | 35 | 4.501005 | 100.374965 | Majlis Daerah Road |
| 45 | T044 | 35 | 4.500905 | 100.374983 | Majlis Daerah Road |
| 46 | T045 | 35 | 4.500906 | 100.375095 | Majlis Daerah Road |
| 47 | T046 | 35 | 4.501373 | 100.375133 | Majlis Daerah Road |
| 48 | T047 | 35 | 4.501184 | 100.375174 | Majlis Daerah Road |

5.0 SITE PHOTOS - PROPOSED NEW POLE



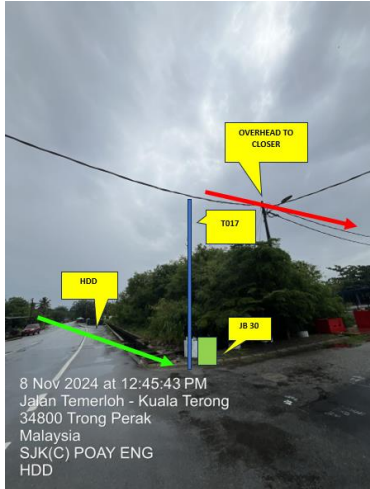








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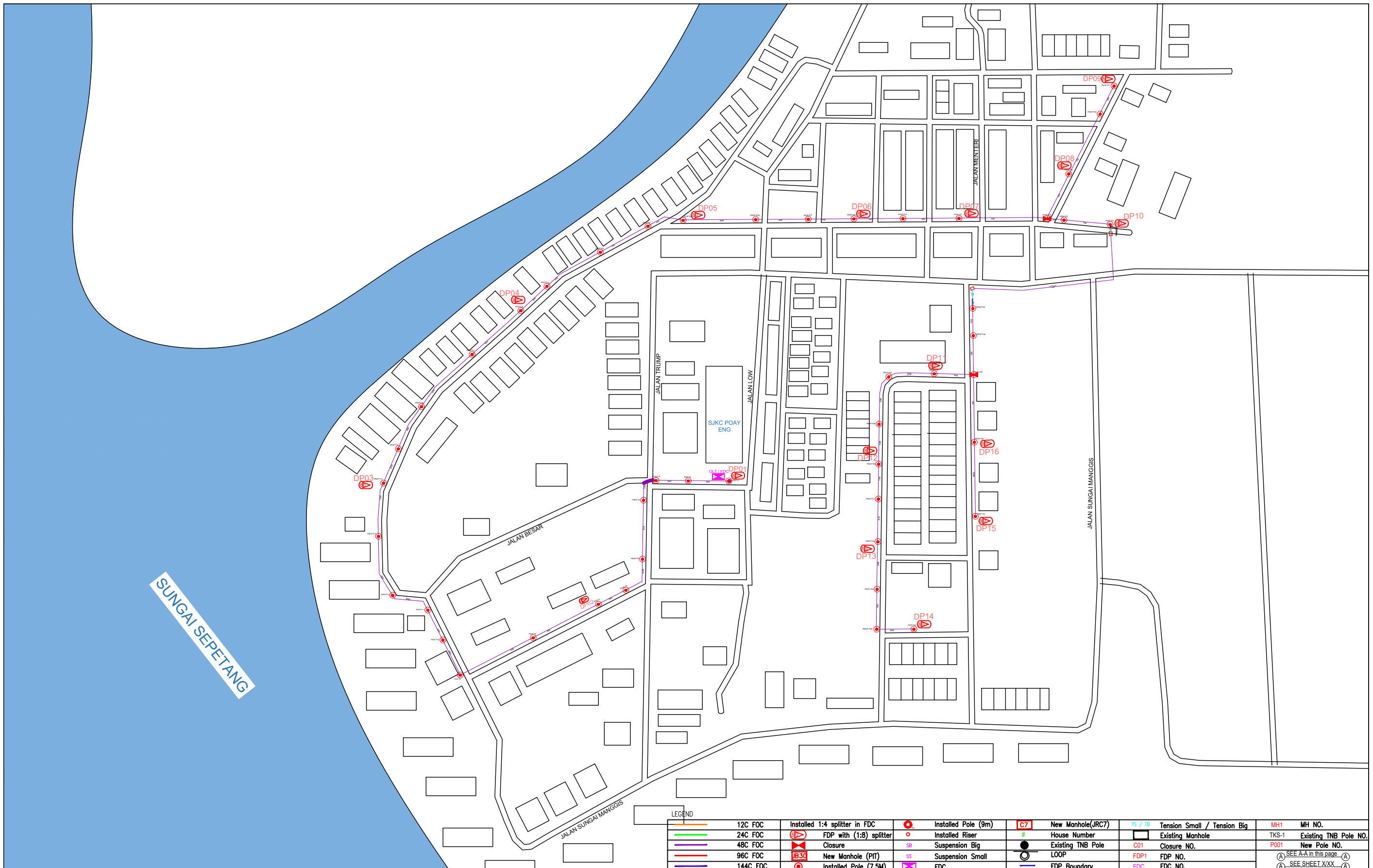


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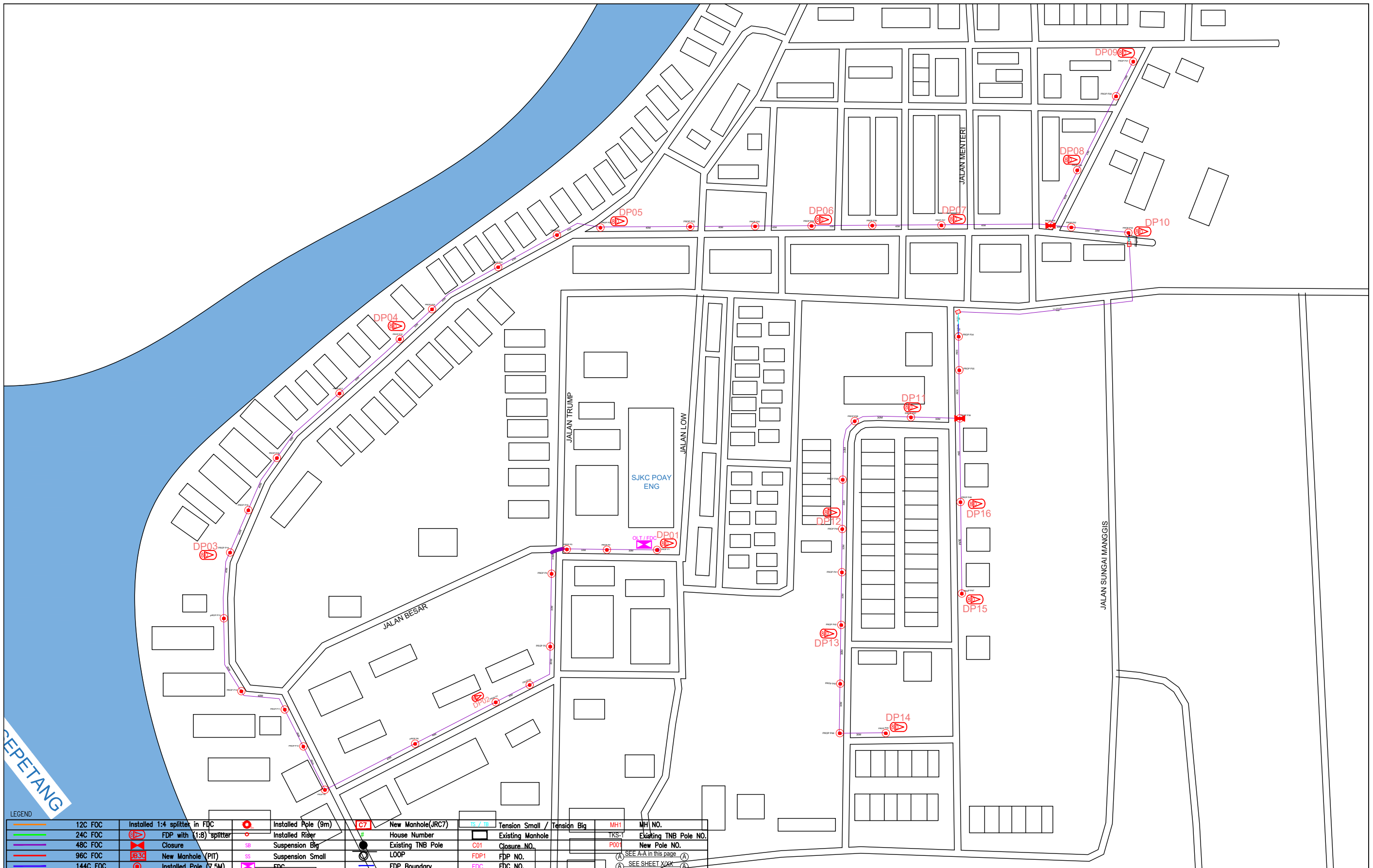
6.0 3rd PARTIES DEPENDENCIES

| NO | LOCAL COUNCIL / AUTHORITY | REMARK |
|----|----------------------------|--------|
| 1 | Majlis Daerah Larut Matang | 1870m |



| 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 : | 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: PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SJKC POAY ENG) TO PREMISES PASS AREA | DRAWING TITLE: SJKC POAY ENG | Design By : ENGINEER Date : DATE |
| | | | | PROJECT PHASE: PROJECT PHASE | Checked By : ENGINEER Job Number : JOB/NUMBER | Scale : NTS |
| DRAWING NUMBER : DRAWING/NUMBER | | | | | Sheet : 1/1 | |
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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 Risers |
| Suspension Big | Suspension Small |
| New Manhole(JRC7) | House Number |
| Existing TNB Pole | LOOP |
| FDP Boundary | FDP NO. |
| Tension Small / Tension Big | Existing Manhole |
| MH1 | Existing TNB Pole NO. |
| TKS-1 | New Pole NO. |
| P001 | SEE A-A in this page |
| FDC | SEE SHEET XXX |

KEY PLAN :

PROJECT OWNER :



KEMENTERIAN KOMUNIKASI DAN DIGITAL

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

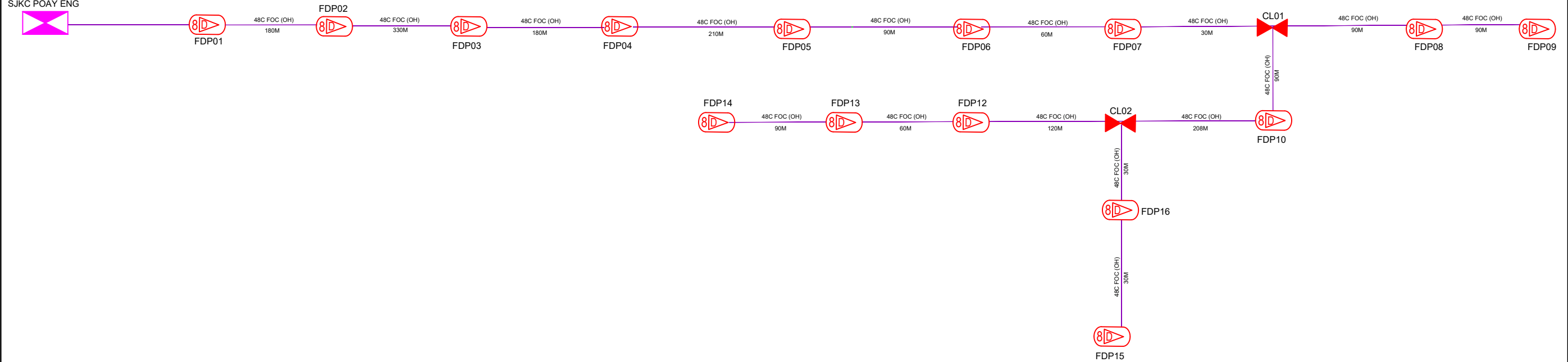
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DRAWING TITLE:
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PROJECT PHASE:
PROJECT PHASE

| | |
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PROPOSED FDC
SJKC POAY ENG



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

| | | | | | | | | |
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