

# TECHNICAL PROPOSAL (POP2 ABA6025 SEKOLAH KEBANGSAAN KAMPUNG GUDANG (D-SIDE))

**Company Name** : Archway Mapping Services Sdn. Bhd.  
**Company Address** : No 48-1, Jalan TU39A, Ayer Keroh Melaka  
**Prepared By** : Muhammad Adham  
**Date** : 19/12/2024



**Starting Point**

**Site / Boundary Name** : BATU KURAU  
**Address** : SK KAMPUNG GUDANG  
**District** : LARUT MATANG  
**Postcode** : 34520  
**State** : PERAK  
**GPS Coordinate** : 5.040946, 100.806629  
**LRD** : A

**End Point**

**Site / Boundary Name** : BATU KURAU  
**Address** : KAMPUNG HAJI MAT ASEK, PERAK  
**District** : LARUT MATANG  
**Postcode** : 34520  
**State** : PERAK  
**GPS Coordinate** : 5.030954,100.80000  
**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    | 106      |
| 2     | Carriage Way Open Trench (CW)         | m    | 0        |
| 3     | Grass Verge Open Trenching (GV)       | m    | 6        |
| 4     | Micro Trenching (MT)                  | m    | 0        |
| Total |                                       |      | 112      |

| NO | OTHER INFORMATION                            | UNIT | QUANTITY |
|----|--|------|----------|
| 1  | Installation of Short Span ADSS Fibre Cables | m    | 2681     |
| 2  | Install New Pole                             | ea   | 62       |
| 3  | Install New JRC7 Manhole                     | ea   | 2        |
| 4  | Install GI Riser 100mm                       | m    | 12       |
| 5  | Install Fiber Distribution Point             | ea   | 13       |
| 6  | Install Closure                              | ea   | 2        |
| 7  | Estimated Time Required for Completion       | days | 21       |

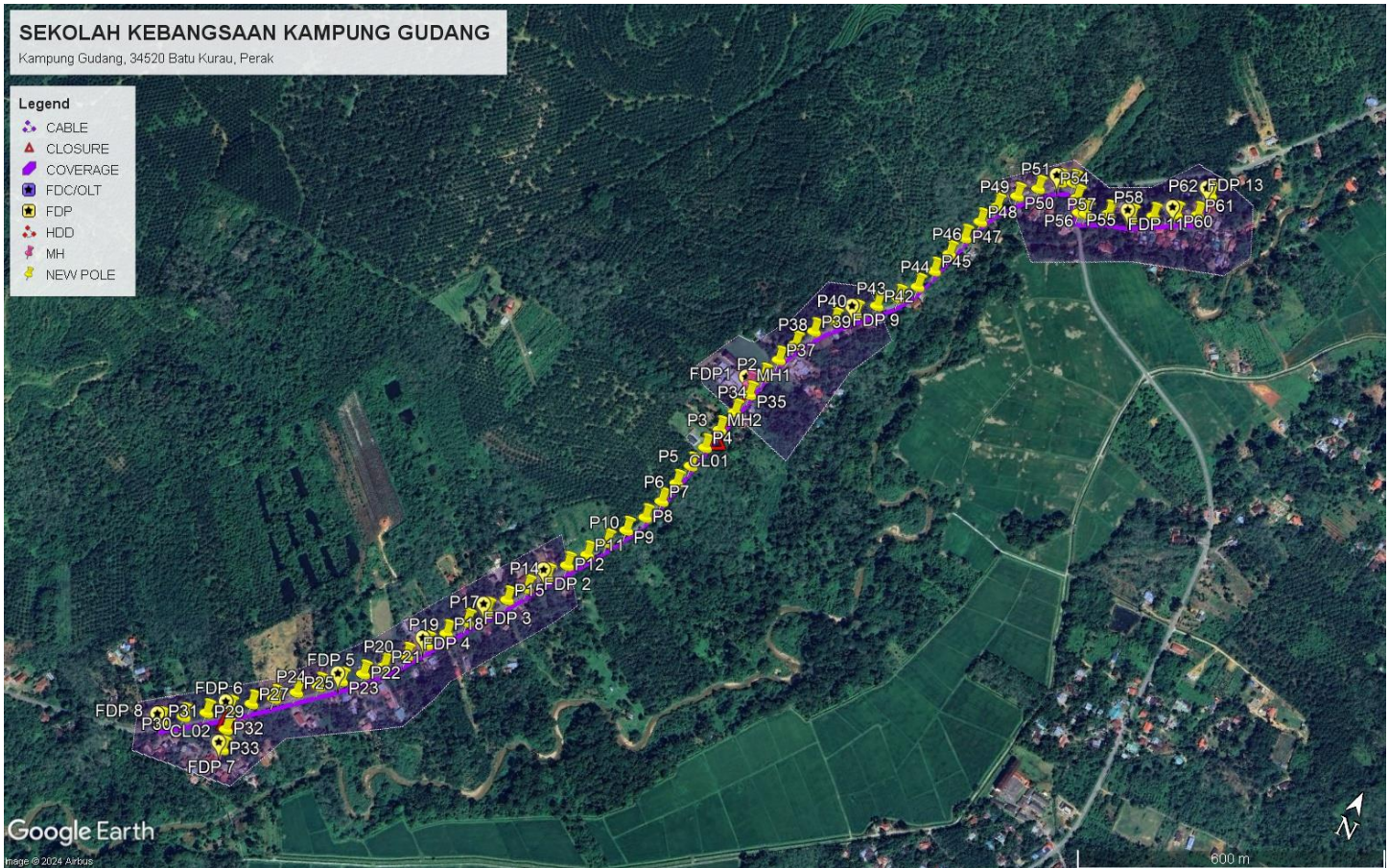
## 2.0 LOCAL AUTHORITY SUMMARY

Daerah Larut Matang

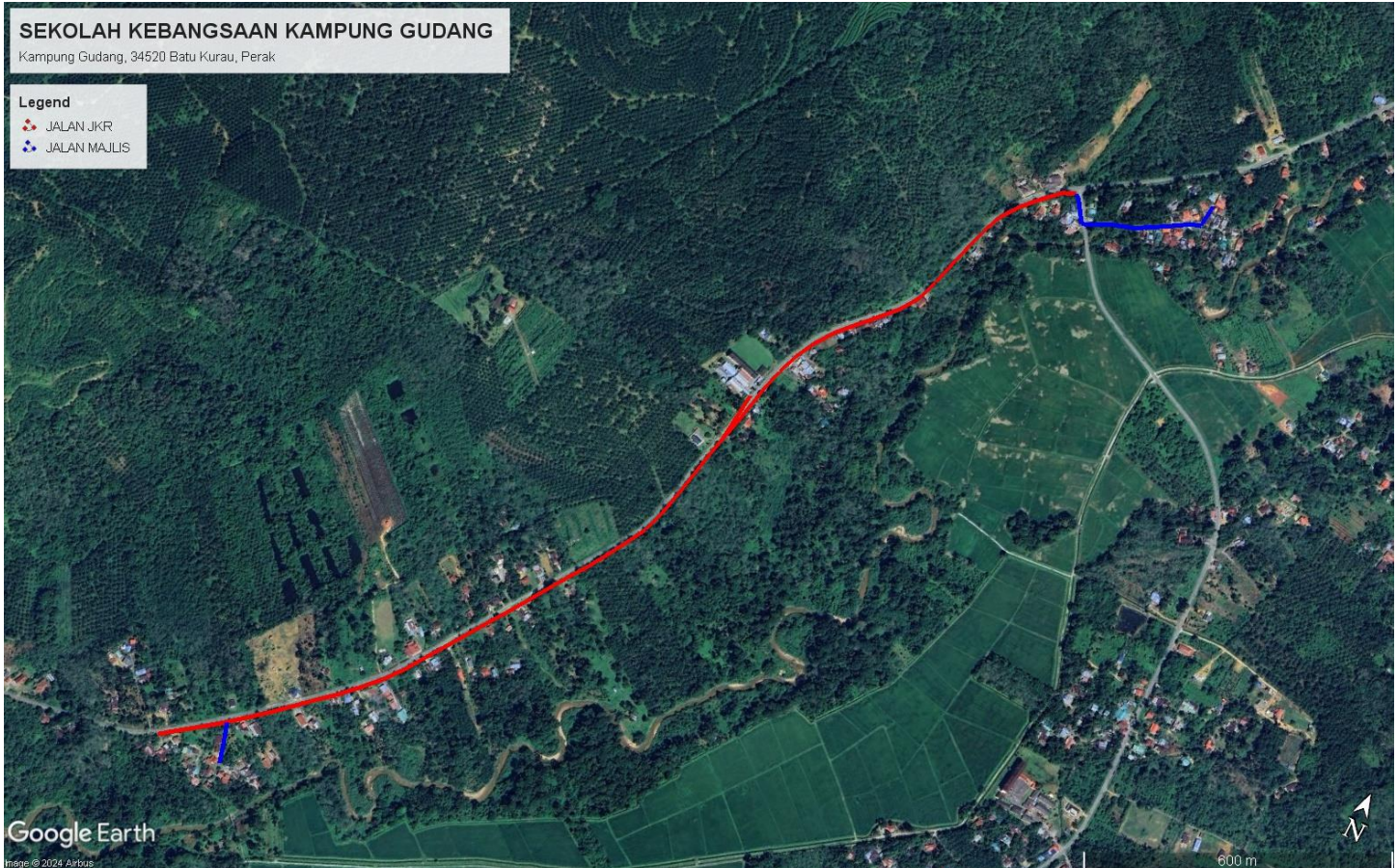
| Bil   | Items             | Owner                 | Quantity | Distance |
|-------|-------------------|-----------------------|----------|----------|
| 1     | HDD               | JKR                   | 1        | 112      |
|       |                   | Majlis                | -        | -        |
|       |                   | Estate / Private Land | -        | -        |
| 2     | New Pole          | JKR                   | 51       | 2143m    |
|       |                   | Majlis                | 11       | 426m     |
|       |                   | Estate / Private Land | -        | -        |
| 3     | Existing TNB Pole | JKR                   | -        | -        |
|       |                   | Majlis                | -        | -        |
|       |                   | Estate / Private Land | -        | -        |
| Total |                   |                       |          | 2681m    |

### 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            | 5.040946 | 100.806629 | JKR Road           |
| 2                            | T002        | 45           | 5.040910 | 100.806624 | JKR Road           |
| 3                            | T003        | 45           | 5.039948 | 100.806515 | JKR Road           |
| 4                            | T004        | 45           | 5.039548 | 100.806423 | JKR Road           |
| 5                            | T005        | 45           | 5.039144 | 100.806343 | JKR Road           |
| 6                            | T006        | 45           | 5.038754 | 100.806253 | JKR Road           |
| 7                            | T007        | 45           | 5.038349 | 100.806162 | JKR Road           |
| 8                            | T008        | 45           | 5.037966 | 100.806032 | JKR Road           |
| 9                            | T009        | 45           | 5.037614 | 100.805833 | JKR Road           |
| 10                           | T010        | 45           | 5.037264 | 100.805619 | JKR Road           |
| 11                           | T011        | 45           | 5.036918 | 100.805408 | JKR Road           |
| 12                           | T012        | 45           | 5.036590 | 100.805175 | JKR Road           |
| 13                           | T013        | 45           | 5.036251 | 100.804946 | JKR Road           |
| 14                           | T014        | 45           | 5.035910 | 100.804724 | JKR Road           |
| 15                           | T015        | 45           | 5.035574 | 100.804498 | JKR Road           |
| 16                           | T016        | 45           | 5.035240 | 100.804266 | JKR Road           |
| 17                           | T017        | 45           | 5.034907 | 100.804040 | JKR Road           |
| 18                           | T018        | 45           | 5.034566 | 100.803809 | JKR Road           |
| 19                           | T019        | 45           | 5.034234 | 100.803580 | JKR Road           |
| 20                           | T020        | 45           | 5.033893 | 100.803353 | JKR Road           |
| 21                           | T021        | 45           | 5.033558 | 100.803084 | JKR Road           |
| 22                           | T022        | 45           | 5.033280 | 100.802816 | JKR Road           |
| 23                           | T023        | 45           | 5.032997 | 100.802524 | JKR Road           |
| 24                           | T024        | 45           | 5.032735 | 100.802214 | JKR Road           |
| 25                           | T025        | 45           | 5.032463 | 100.801913 | JKR Road           |
| 26                           | T026        | 45           | 5.032195 | 100.801609 | JKR Road           |
| 27                           | T027        | 45           | 5.031933 | 100.801294 | JKR Road           |
| 28                           | T028        | 45           | 5.031680 | 100.800985 | JKR Road           |
| 29                           | T029        | 45           | 5.031437 | 100.800657 | JKR Road           |
| 30                           | T030        | 45           | 5.031199 | 100.800330 | JKR Road           |
| 31                           | T031        | 45           | 5.030954 | 100.800000 | JKR Road           |
| 32                           | T032        | 45           | 5.031334 | 100.801098 | Majlis Daerah Road |
| 33                           | T033        | 45           | 5.030995 | 100.801198 | Majlis Daerah Road |
| 34                           | T034        | 45           | 5.040346 | 100.806616 | JKR Road           |
| 35                           | T035        | 45           | 5.040743 | 100.806706 | JKR Road           |
| 36                           | T036        | 45           | 5.041142 | 100.806789 | JKR Road           |
| 37                           | T037        | 45           | 5.041534 | 100.806897 | JKR Road           |
| 38                           | T038        | 45           | 5.041911 | 100.807040 | JKR Road           |

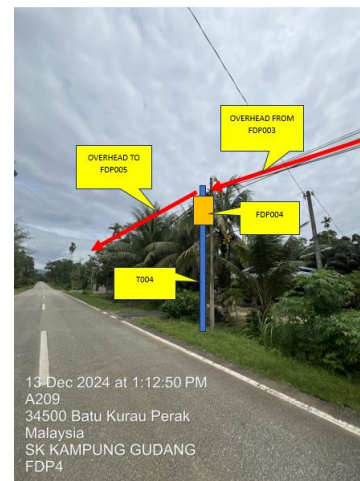


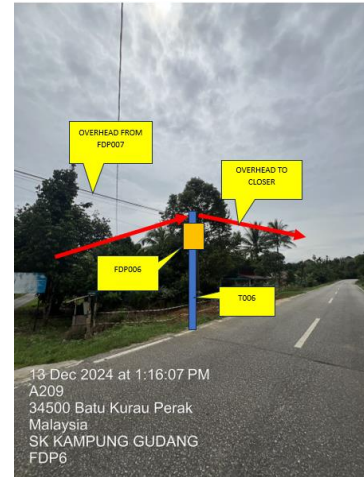
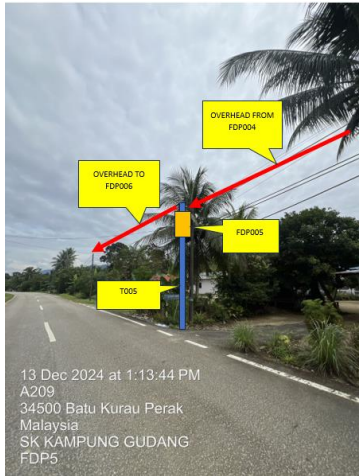
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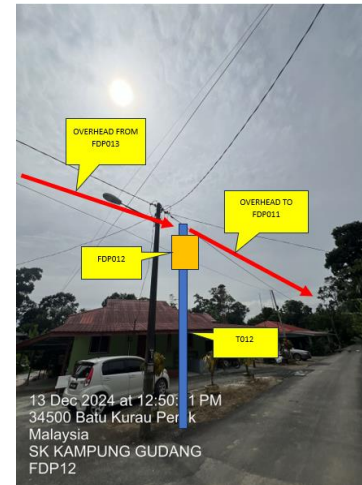
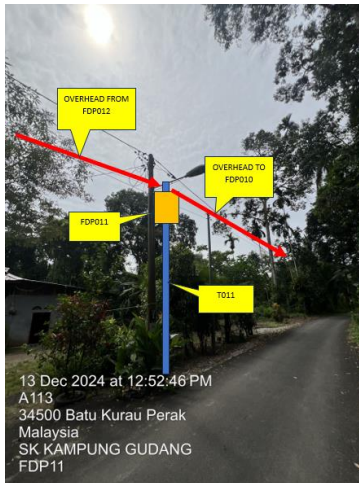
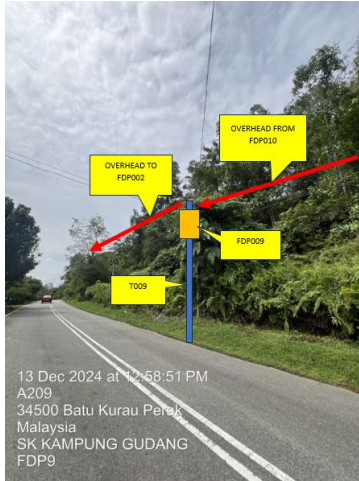


|    |      |    |          |            |                    |
|----|------|----|----------|------------|--------------------|
| 39 | T039 | 45 | 5.042270 | 100.807235 | JKR Road           |
| 40 | T040 | 45 | 5.042601 | 100.807476 | JKR Road           |
| 41 | T041 | 45 | 5.042894 | 100.807750 | JKR Road           |
| 42 | T042 | 45 | 5.043185 | 100.808034 | JKR Road           |
| 43 | T043 | 45 | 5.043483 | 100.808316 | JKR Road           |
| 44 | T044 | 45 | 5.043819 | 100.808536 | JKR Road           |
| 45 | T045 | 45 | 5.044206 | 100.808674 | JKR Road           |
| 46 | T046 | 45 | 5.044602 | 100.808784 | JKR Road           |
| 47 | T047 | 45 | 5.044984 | 100.808901 | JKR Road           |
| 48 | T048 | 45 | 5.045373 | 100.809024 | JKR Road           |
| 49 | T049 | 45 | 5.045752 | 100.809172 | JKR Road           |
| 50 | T050 | 45 | 5.046084 | 100.809411 | JKR Road           |
| 51 | T051 | 45 | 5.046374 | 100.809690 | JKR Road           |
| 52 | T052 | 45 | 5.046656 | 100.809990 | JKR Road           |
| 53 | T053 | 45 | 5.046751 | 100.810210 | JKR Road           |
| 54 | T054 | 45 | 5.046535 | 100.810387 | Majlis Daerah Road |
| 55 | T055 | 45 | 5.046310 | 100.810534 | Majlis Daerah Road |
| 56 | T056 | 45 | 5.046351 | 100.810651 | Majlis Daerah Road |
| 57 | T057 | 45 | 5.046532 | 100.811017 | Majlis Daerah Road |
| 58 | T058 | 45 | 5.046658 | 100.811408 | Majlis Daerah Road |
| 59 | T059 | 45 | 5.046855 | 100.811756 | Majlis Daerah Road |
| 60 | T060 | 45 | 5.047063 | 100.812105 | Majlis Daerah Road |
| 61 | T061 | 45 | 5.047224 | 100.812459 | Majlis Daerah Road |
| 62 | T062 | 45 | 5.047650 | 100.812505 | Majlis Daerah Road |

**5.0 SITE PHOTOS - PROPOSED NEW POLE**









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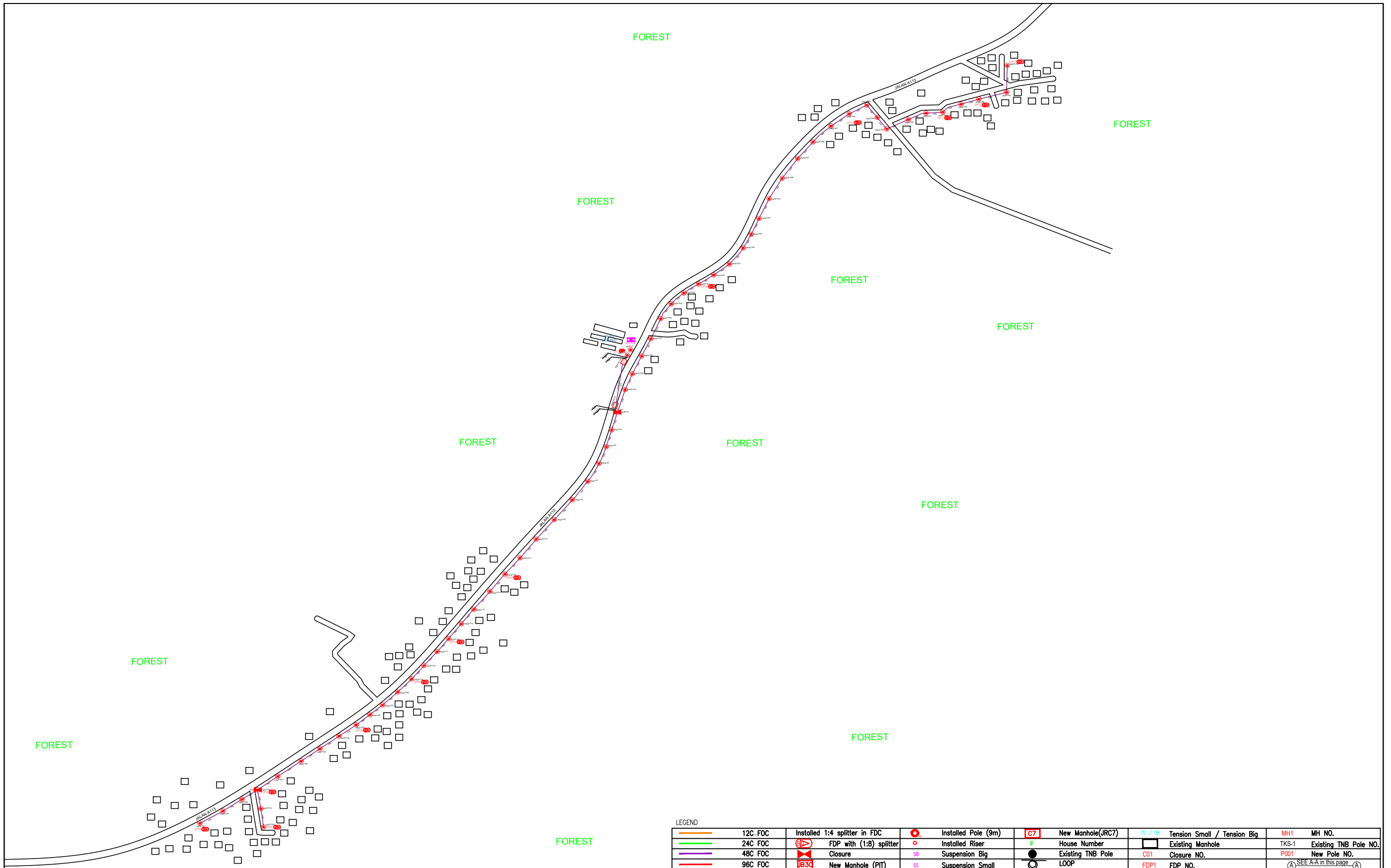


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## 6.0 3<sup>rd</sup> PARTIES DEPENDENCIES

| NO | LOCAL COUNCIL / AUTHORITY  | REMARK |
|----|----------------------------|--------|
| 1  | Majlis Daerah Larut Matang | 2681m  |



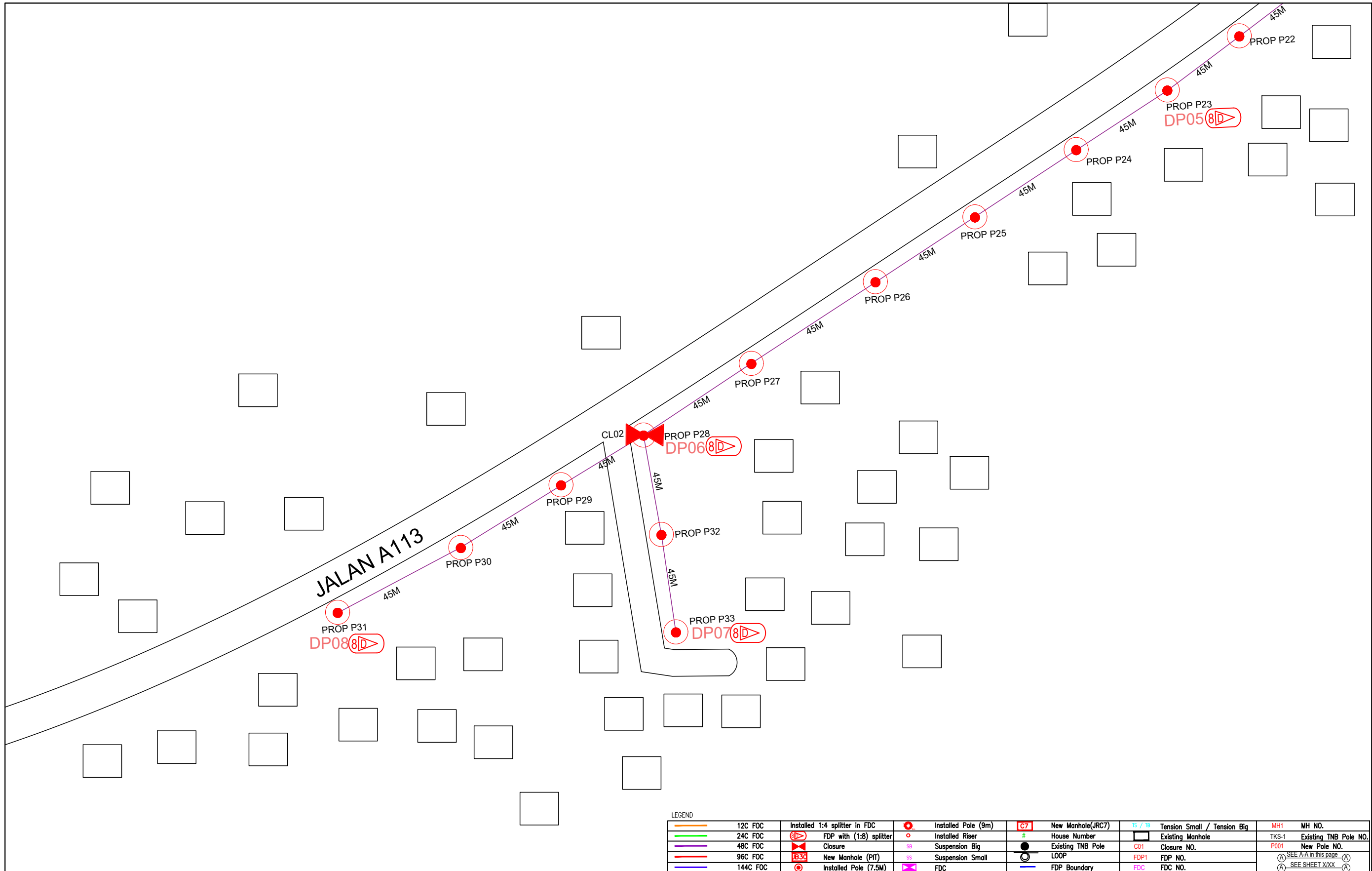
| LEGEND   |                               |                     |    |                   |                  |                             |                       |              |                      |  |  |
|----------|-------------------------------|---------------------|----|-------------------|------------------|-----------------------------|-----------------------|--------------|----------------------|--|--|
| 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      | 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.                     |                       |              | SEE A-A in this page |  |  |
| 144C FOC | Installed Pole (7.5M)         | FDC                 | ◀▶ | FDP Boundary      | FDC              | FDC NO.                     |                       |              | SEE SHEET XXX        |  |  |

|            |  |   |   |   |                                 |  |             |                       |
|------------|--|---|---|---|---------------------------------|--|-------------|-----------------------|
| KEY PLAN : | PROJECT OWNER :<br><br>KEMENTERIAN KOMUNIKASI DAN DIGITAL | MAIN CONTRACTOR<br><br>PRIVASAT | 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 AND OPTICAL FIBER CABLE FROM POP (SK KG GUDANG) TO PREMISES PASS AREA | DRAWING TITLE:<br>SK KG GUDANG  | 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 OF ALLO TECHNOLOGY SDN BHD |             | Size :<br>A3          |









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            | TKS-1   | Existing TNB Pole NO. |                      |
|  | 48C FOC  |  | Installed Pole (7.5M) |  | Existing TNB Pole |  | Closure NO.                 | P001    | New Pole NO.          |                      |
|  | 96C FOC  |  | Installed Pole (7.5M) |  | LOOP              |  | FDP1                        | FDP NO. |                       | SEE A-A in this page |
|  | 144C FOC |  | Installed Pole (7.5M) |  | FDP Boundary      |  | FDC                         | FDC NO. |                       | SEE SHEET XXX        |
|  | 144C FOC |  | Installed Pole (7.5M) |  | FDC               |  | FDC                         | FDC NO. |                       | SEE SHEET XXX        |

|            |                     |  |   |  |                                 |  |                                |
|------------|---------------------|--|---|--|---------------------------------|--|--------------------------------|
| 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 Task 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 KG GUDANG) TO PREMISES PASS AREA | DRAWING TITLE:<br>SK KG GUDANG  | Design By : ENGINEER   | Date : DATE                    |
|            |                     |  |   |  | PROJECT PHASE:<br>PROJECT PHASE | Drawn By : CAD ENGINEER  | Scale : NTS                    |
|            |                     |  |   |  |                                 | Checked By : ENGINEER  | Job Number : JOB/NUMBER        |
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