

TECHNICAL PROPOSAL

POP2 ABC3050 SEKOLAH JENIS KEBANGSAAN (CINA) NAM HUA (D-SIDE)

| | |
|------------------------|--|
| Company Name | : SEGALA DELIMA (M) SDN BHD |
| Company Address | : No. 8, Jalan Ampang Baru 6B, Pusat Perdagangan Baru, 31350 Ipoh, Perak |
| Prepared By | : Mohamad Helmi |
| Date | : 10/01/2025 |



Starting Point

| | |
|----------------------|--|
| Site / Boundary Name | : Sekolah Jenis Kebangsaan (C) Nam Hua |
| District | : Tanjong Piandang |
| Postcode | : 34250 |
| State | : Perak |
| GPS Coordinate | : 5.075810 100.386874 |
| LRD | : A |

End Point

| | |
|----------------------|--|
| Site / Boundary Name | : Sekolah Jenis Kebangsaan (C) Nam Hua |
| Address | : Jalan Piandang 1 |
| District | : Bagan Serai |
| Postcode | : 34250 |
| State | : Perak |
| GPS Coordinate | : 5.073331 100.381886 |
| LRD | : B |

1.0 WORK SUMMARY

| NO | PROPOSED DISTANCE AND METHOD | UNIT | QUANTITY |
|-------|---------------------------------------|------|----------|
| 1 | Horizontal Directional Drilling (HDD) | m | 146 |
| 2 | Carriage Way Open Trench(CW) | m | 0 |
| 3 | Grass Verge Open Trenching (GV) | m | 0 |
| 4 | Micro Trenching (MT) | m | 33 |
| Total | | | 179 |

| NO | OTHER INFORMATION | UNIT | QUANTITY |
|----|--|------|----------|
| 1 | Installation of Short Span ADSS Fiber Cables | m | 1409 |
| 2 | Install New Pole | ea | 52 |
| 3 | Install New JB30 Manhole | ea | 5 |
| 4 | Install GI Riser 100mm | ea | 5 |
| 5 | Install Fiber Distribution Point and Closure (Splicing, Termination and Testing) | ea | 15 |
| 6 | Estimated Time Required for Completion | days | 60 |

2.0 LOCAL AUTHORITY SUMMARY

Daerah Kerian

| NO | ITEMS | Owner | Quantity | Distance (m) |
|---------------------------|-----------------|-----------------------|----------|--------------|
| 1 | HDD | JKR | 2 | 146 |
| | | Majlis | - | - |
| | | Estate / Private Land | - | - |
| 2 | Micro Trenching | JKR | 3 | 33 |
| | | Majlis | - | - |
| | | Estate / Private Land | - | - |
| 2 | New Pole | JKR | 5 | 179 |
| | | Majlis | 47 | 1230 |
| | | Estate / Private Land | - | - |
| Total Distance (m) | | | | 1588 |

3.0 SITE PLAN (KMZ)

3.1 Overview Site Area (Propose New Pole)



3.2 Proposed FDP and Closure



3.3 Site Plan - KMZ Routing (All Local Authority)



Red Colour - JKR

Road Blue Colour - Majlis Road

3.0 PROPOSED NEW MANHOLE

| Proposed New Manhole Coordinate | | | | | |
|---------------------------------|----------------|--------------|----------|------------|-------------------|
| No. | Manhole Number | Distance (m) | Latitude | Longitude | Local Authority |
| 1 | MH01 | 15m | 5.075810 | 100.386892 | JKR Daerah Kerian |
| 2 | MH02 | 60m | 5.075849 | 100.386771 | JKR Daerah Kerian |
| 3 | MH03 | 86m | 5.075981 | 100.386311 | JKR Daerah Kerian |
| 4 | MH04 | 9m | 5.076125 | 100.385541 | JKR Daerah Kerian |
| 5 | MH05 | 9m | 5.076082 | 100.385424 | JKR Daerah Kerian |

4.0 PROPOSED NEW POLE

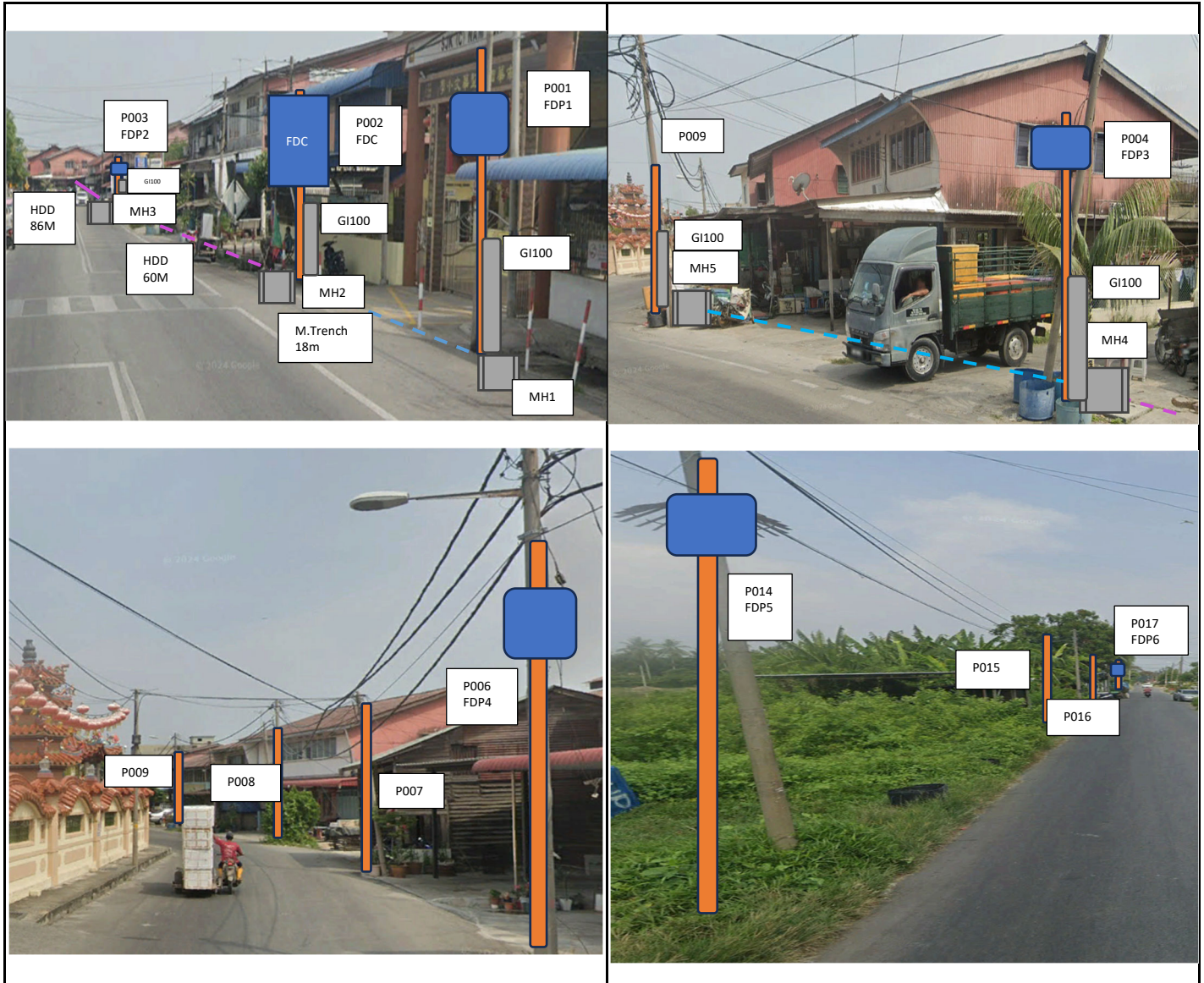
| Proposed New Pole Coordinate | | | | | |
|------------------------------|-------------|--------------|----------|-------------|----------------------|
| No. | Pole Number | Distance (m) | Latitude | Longitude | Local Authority |
| 1 | T001 | 20m | 5.075810 | 100.386874° | JKR Daerah Kerian |
| 2 | T002 | 20m | 5.075845 | 100.386754 | JKR Daerah Kerian |
| 3 | T003 | 30m | 5.075975 | 100.386290 | JKR Daerah Kerian |
| 4 | T004 | 15m | 5.076111 | 100.385525 | JKR Daerah Kerian |
| 5 | T005 | 25m | 5.076073 | 100.385401 | JKR Daerah Kerian |
| 6 | T006 | 25m | 5.076134 | 100.385189 | Majlis Daerah Kerian |
| 7 | T007 | 20m | 5.076198 | 100.385056 | Majlis Daerah Kerian |
| 8 | T008 | 20m | 5.076244 | 100.384900 | Majlis Daerah Kerian |
| 9 | T009 | 20m | 5.076253 | 100.384727 | Majlis Daerah Kerian |
| 10 | T010 | 20m | 5.076266 | 100.384545 | Majlis Daerah Kerian |
| 11 | T011 | 20m | 5.076260 | 100.384331 | Majlis Daerah Kerian |
| 12 | T012 | 30m | 5.076112 | 100.384243 | Majlis Daerah Kerian |
| 13 | T013 | 25m | 5.075952 | 100.384049 | Majlis Daerah Kerian |
| 14 | T014 | 25m | 5.075924 | 100.383906 | Majlis Daerah Kerian |
| 15 | T015 | 25m | 5.075895 | 100.383721 | Majlis Daerah Kerian |
| 16 | T016 | 25m | 5.075813 | 100.383287 | Majlis Daerah Kerian |
| 17 | T017 | 25m | 5.075758 | 100.383051 | Majlis Daerah Kerian |
| 18 | T018 | 25m | 5.075706 | 100.382721 | Majlis Daerah Kerian |
| 19 | T019 | 25m | 5.075658 | 100.382440 | Majlis Daerah Kerian |
| 20 | T020 | 25m | 5.075599 | 100.382101 | Majlis Daerah Kerian |
| 21 | T021 | 25m | 5.075556 | 100.381923 | Majlis Daerah Kerian |
| 22 | TP22 | 25m | 5.075484 | 100.381544 | Majlis Daerah Kerian |
| 23 | T023 | 25m | 5.075424 | 100.381286 | Majlis Daerah Kerian |
| 24 | T024 | 25m | 5.075372 | 100.380999 | Majlis Daerah Kerian |
| 25 | T025 | 25m | 5.075323 | 100.380688 | Majlis Daerah Kerian |
| 26 | T026 | 25m | 5.075289 | 100.380427 | Majlis Daerah Kerian |
| 27 | T027 | 25m | 5.075237 | 100.380301 | Majlis Daerah Kerian |
| 28 | T028 | 25m | 5.075078 | 100.380323 | Majlis Daerah Kerian |
| 29 | T029 | 35m | 5.074924 | 100.380457 | Majlis Daerah Kerian |
| 30 | T030 | 30m | 5.074604 | 100.380354 | Majlis Daerah Kerian |
| 31 | T031 | 25m | 5.074299 | 100.380269 | Majlis Daerah Kerian |
| 32 | T032 | 25m | 5.074125 | 100.380276 | Majlis Daerah Kerian |
| 33 | T033 | 25m | 5.073914 | 100.380290 | Majlis Daerah Kerian |

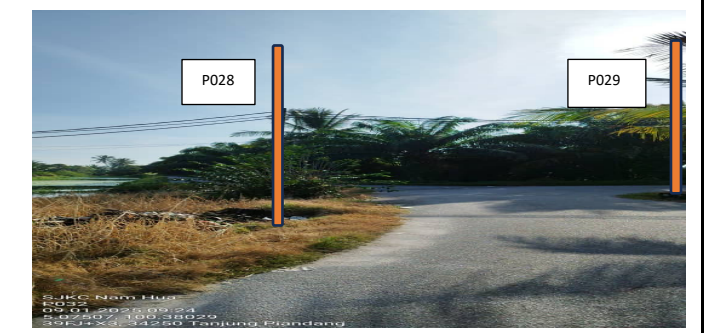
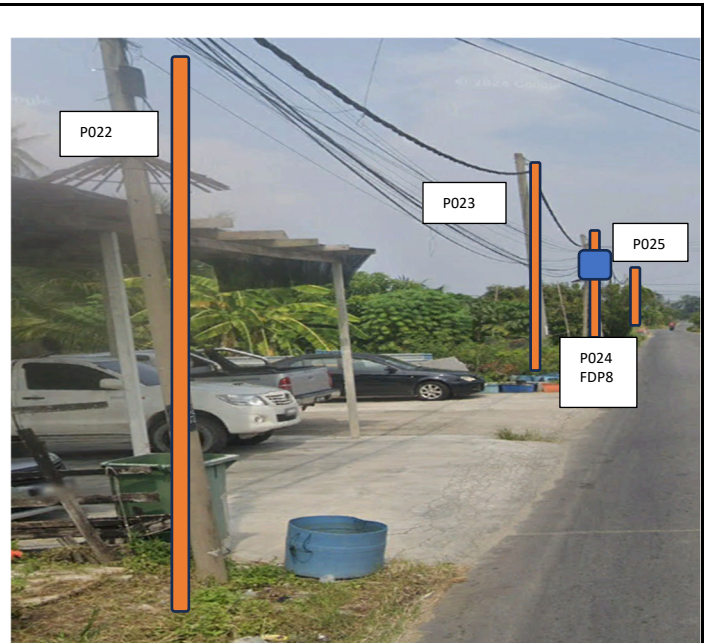
| Proposed New Pole Coordinate | | | | | |
|------------------------------|-------------|--------------|----------|------------|----------------------|
| No. | Pole Number | Distance (m) | Latitude | Longitude | Local Authority |
| 34 | T034 | 25m | 5.073931 | 100.380492 | Majlis Daerah Kerian |
| 35 | T035 | 25m | 5.073966 | 100.380772 | Majlis Daerah Kerian |
| 36 | T036 | 25m | 5.073985 | 100.380988 | Majlis Daerah Kerian |
| 37 | T037 | 25m | 5.073987 | 100.381199 | Majlis Daerah Kerian |
| 38 | T038 | 25m | 5.073999 | 100.381424 | Majlis Daerah Kerian |
| 39 | T039 | 25m | 5.074017 | 100.381651 | Majlis Daerah Kerian |
| 40 | T040 | 25m | 5.074032 | 100.381877 | Majlis Daerah Kerian |
| 41 | T041 | 25m | 5.074045 | 100.382024 | Majlis Daerah Kerian |
| 42 | T042 | 25m | 5.073693 | 100.380240 | Majlis Daerah Kerian |
| 43 | T043 | 25m | 5.073615 | 100.380522 | Majlis Daerah Kerian |
| 44 | T044 | 25m | 5.073624 | 100.380809 | Majlis Daerah Kerian |
| 45 | T045 | 25m | 5.073631 | 100.381060 | Majlis Daerah Kerian |
| 46 | T046 | 25m | 5.073661 | 100.381361 | Majlis Daerah Kerian |
| 47 | T047 | 25m | 5.073467 | 100.381365 | Majlis Daerah Kerian |
| 48 | T048 | 25m | 5.073312 | 100.381364 | Majlis Daerah Kerian |
| 49 | T049 | 25m | 5.073668 | 100.381564 | Majlis Daerah Kerian |
| 50 | T050 | 25m | 5.073674 | 100.381872 | Majlis Daerah Kerian |
| 51 | T051 | 25m | 5.073501 | 100.381892 | Majlis Daerah Kerian |
| 52 | T052 | 25m | 5.073331 | 100.381886 | Majlis Daerah Kerian |

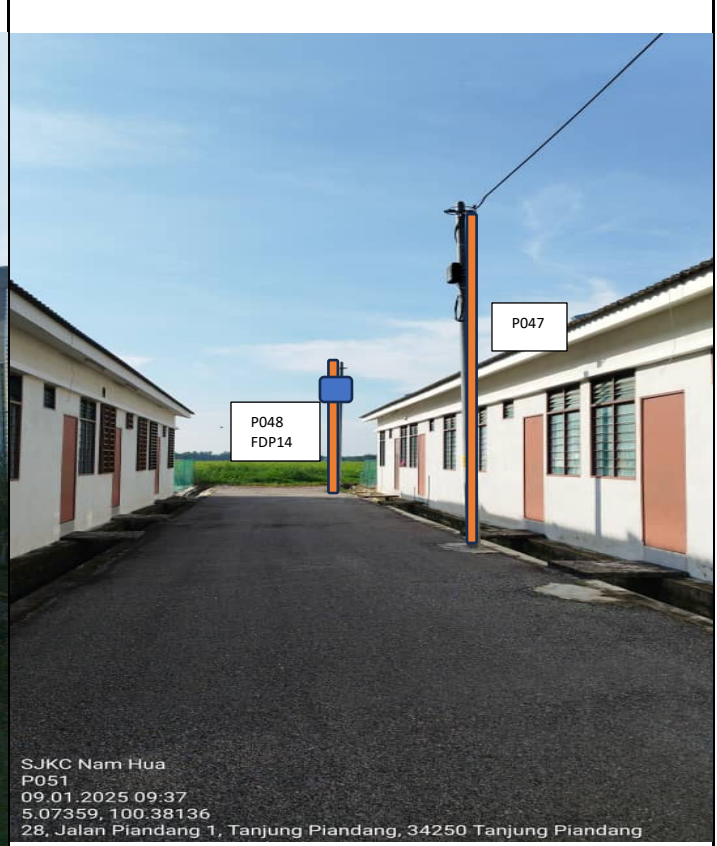
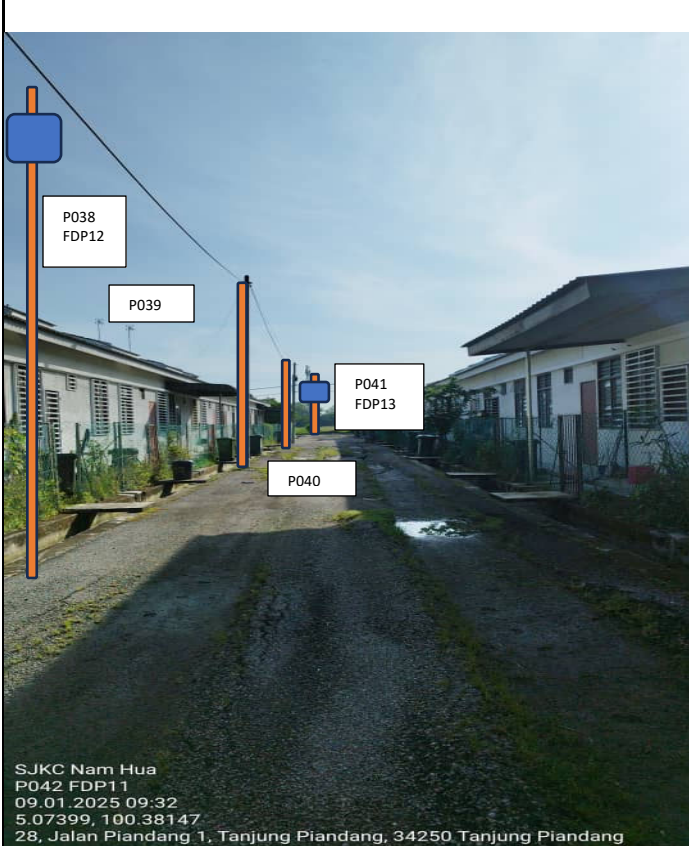
5.0 SITE PHOTOS - PROPOSED HDD AND NEW MANHOLE

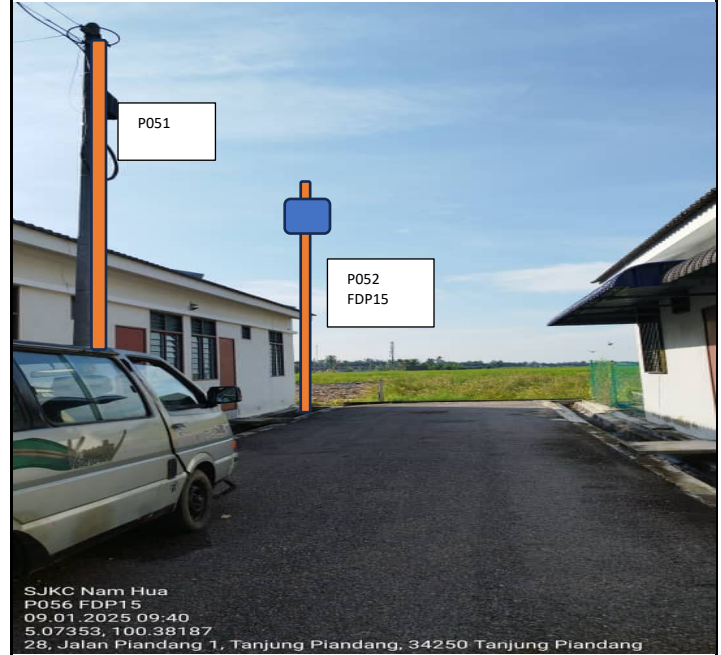


6.0 SITE PHOTOS - PROPOSED NEW POLE









| NO | LOCAL COUNCIL / AUTHORITY | REMARK |
|----|---------------------------|--------|
| 1 | Majlis Daerah Kerian | 1230m |
| 2 | JKR Daerah Kerian | 358m |



| | | | | | | | | | | |
|----------|-------------------------------------|-----------------------|-------------------------|------|-------------------|------|-------------------------|-----|-------|-----------------------|
| 12C FOC | Installed 1:4 / 1:8 / 1:32 splitter | Installed Pole (9m) | Suspension | JB30 | New Manhole (PIT) | 5 | Micro-Trenching (Meter) | 33m | MH1 | MH NO. |
| 24C FOC | 1409m Installed Patch Cord | Installed Pole (7.5M) | Tension | JRC7 | New Manhole(JRC7) | | Temporary Infra (Meter) | | TKS-1 | Existing TNB Pole NO. |
| 48C FOC | FDC | Installed Pole (6.7M) | Pole Ring | | FDP Boundary | | Loop / Coil (Meter) | | P001 | New Pole NO. |
| 96C FOC | Closure | Existing TNB Pole | FDP with (1:8) splitter | | HDD (Meter) | 146m | Active Outdoor Cabinet | | CL01 | Closure NO. |
| 144C FOC | Existing Closure | Installed Riser | Existing Manhole | | Open Cut (Meter) | | FDC NO. | | DP1 | FDP NO. |

ACTUAL HOMEPASS :

KEY PLAN:

PROJECT OWNER:




KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR:



APPEX COMMUNICATIONS SDN BHD
187475-V



PRIVASAT

SUB-CONTRACTOR:



SEGALA DELIMA (M) SDN BHD
NOB, JALAN AMPANG BARU 6B
PUSAT PERDAGANGAN AMPANG BARU
31350, IPOH PERAK

PROJECT TITLE:

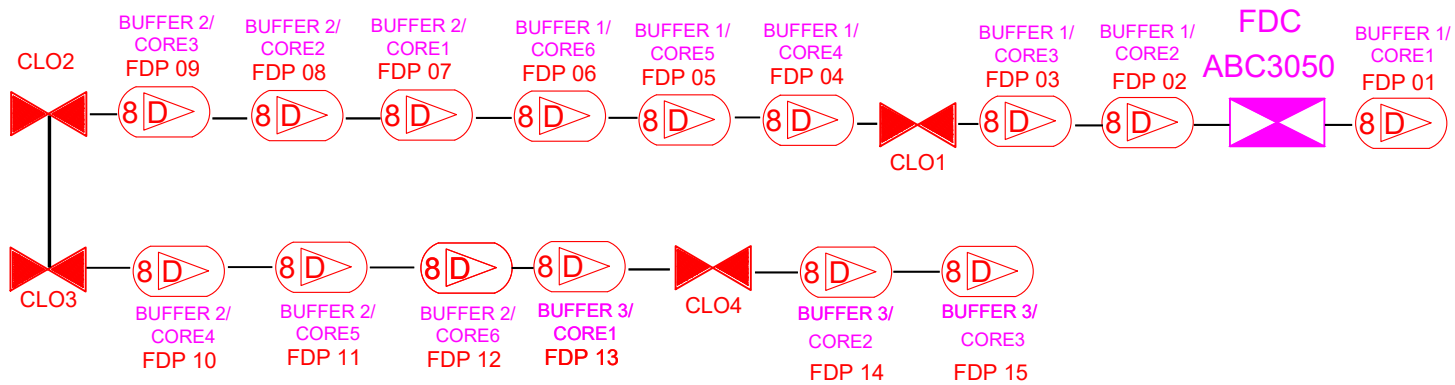
CONTRACT FOR SURVEY TECHNICAL
PROPOSE AND WAYLEAVE & PERMITTING
APPROVAL - POP 2 PROJECT

DRAWING TITLE:

ABC3050
SEKOLAH JENIS KEBANGSAAN (CINA) NAM HUA

PROJECT PHASE:
POP 2 PROJECT

| | |
|---|--------------------|
| Design By : HELMI | Date : 28 NOV 2024 |
| Drawn By : HELMI | Scale : 1 : 5000 |
| Checked By : (S.D PIC) | Job Number : |
| DRAWING NUMBER : | Sheet : 1 / 1 |
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|--|----------|-------------------------------------|--|-----------------------|--|-------------------------|--|-------------------|--|-------------------------|--|-----------------------|
| | 12C FOC | Installed 1:4 / 1:8 / 1:32 splitter | | Installed Pole (9m) | | Suspension | | New Manhole (PIT) | | Micro-Trenching (Meter) | | MH NO. |
| | 24C FOC | Installed Patch Cord | | Installed Pole (7.5M) | | Tension | | New Manhole (RC7) | | Temporary Infra (Meter) | | Existing TNB Pole NO. |
| | 48C FOC | FDC | | Installed Pole (6.7M) | | Pole Ring | | FDP Boundary | | Loop / Coil (Meter) | | New Pole NO. |
| | 96C FOC | Closure | | Existing TNB Pole | | FDP with (1:8) splitter | | HDD (Meter) | | Active Outdoor Cabinet | | Closure NO. |
| | 144C FOC | Existing Closure | | Installed Riser | | Existing Manhole | | Open Cut (Meter) | | FDC NO. | | FDP NO. |

| | | | | | | |
|-----------|--------------------|----------------------------------|---------------------|---|--|----------------------------|
| KEY PLAN: | PROJECT OWNER: | MAIN CONTRACTOR: PRIVASAT | SUB-CONTRACTOR: | PROJECT TITLE: ABC3050 SEKOLAH JENIS KEBANGSAAN (CINA) NAM HUA | DRAWING TITLE: CORE ASSIGNMENT DRAWING | Design By : Date : 2024 |
| | | | | | PROJECT PHASE: POP 2 | Scale : 1 : 5000 |
| | | | | | | Job Number: |
| | | | | | | Sheet : 1 / 1 |
| | | | | | | Size : A1 |

ACTUAL HOMEPASS :