

| | | | |
|--------------|--|--|--|
| Co-signature | | | |
| Subject | | | |
| Name | | | |
| Date | | | |



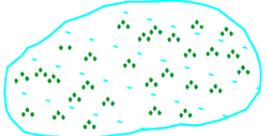
PRD
FOR

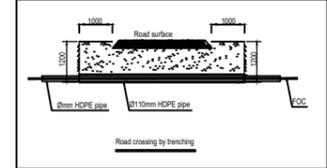


AIRTEL 107

KAAGA SITE COLOCATION

| |
|--------------|
| Date |
| Name |
| Subject |
| Co-signature |

| | | | | | |
|---|---|---|-----------------------------------|---|-------------------------|
|  | New Route |  | A Drawing connect |  | Groove |
|  | Existing Duct |  | Ω10 Cable reservation in man hole |  | Electric line |
|  | Handhole |  | Label for special case |  | Railway |
|  | Existing manhole |  | Tree |  | Drainage |
|  | New Manhole |  | Dry land |  | mountain or hill |
|  | Existing Kplc Pole |  | Hurst |  | Road and street |
|  | Existing LIT Pole |  | Grass |  | Under construction road |
|  | Proposed Pole(P.P) |  | Building |  | Pond or lake |
|  | OFC joint |  | Concrete bridge |  | Compass |
|  | MIDSPAN LOOP (10meters length for maintenance) INSIDE MANHOLE |  | metalic bridge |  | GPS |
|  | SPLICE LOOP (15meters each side of OFC) INSIDE MANHOLE |  | Culvert |  | Fence |
|  | Power cable |  | River |  | Oil site |
|  | Internet cable (CAT6) |  | Swamp |  | Tower |
|  | Existing equipment | | | | |
|  | New equipment | | | | |



RC

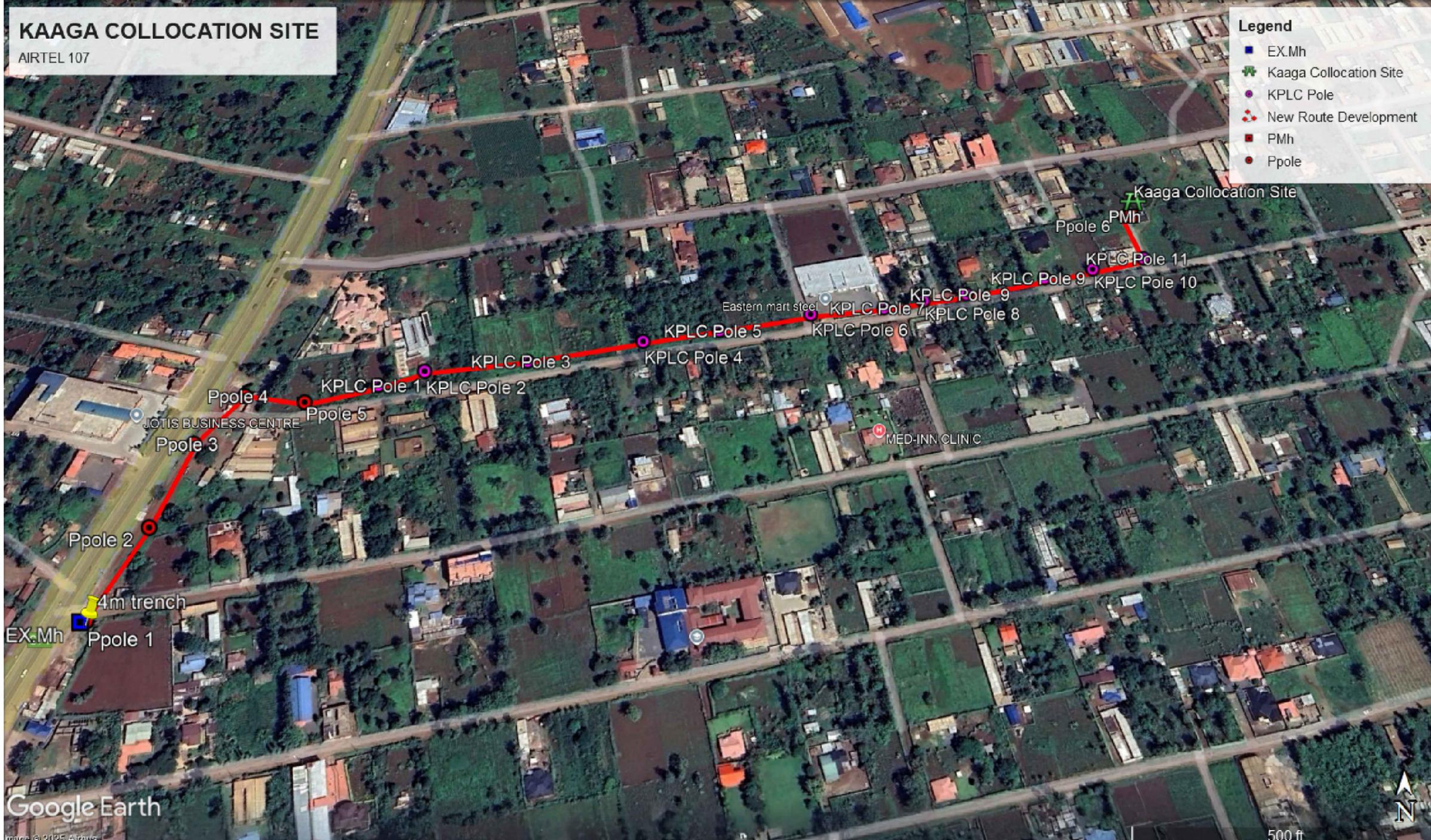
| | | | | | | | | | |
|---------------------------------|--|------------------|--|-----------------|-------------|------------|------------------|---------|--|
| LIQUID INTELLIGENT TECHNOLOGIES | | CALIKEN NETWORKS | | PROJECT NAME : | | | DRAWING NAME : | | |
| APPROVED BY | | CHECKED BY | | AIRTEL 107 | | | KAAGA COLOCATION | | |
| DATE | | DATE | | DESIGN MANAGER: | Drawing BY: | DATE: | SCALE: | VERSION | |
| | | | | | ELIZABETH | 25/08/2025 | N/A | VER.1 | |
| | | | | Drawing No:2 | | | | | |

| | |
|--------------|--|
| Date | |
| Name | |
| Subject | |
| Co-signature | |

KAAGA COLLOCATION SITE
AIRTEL 107

Legend

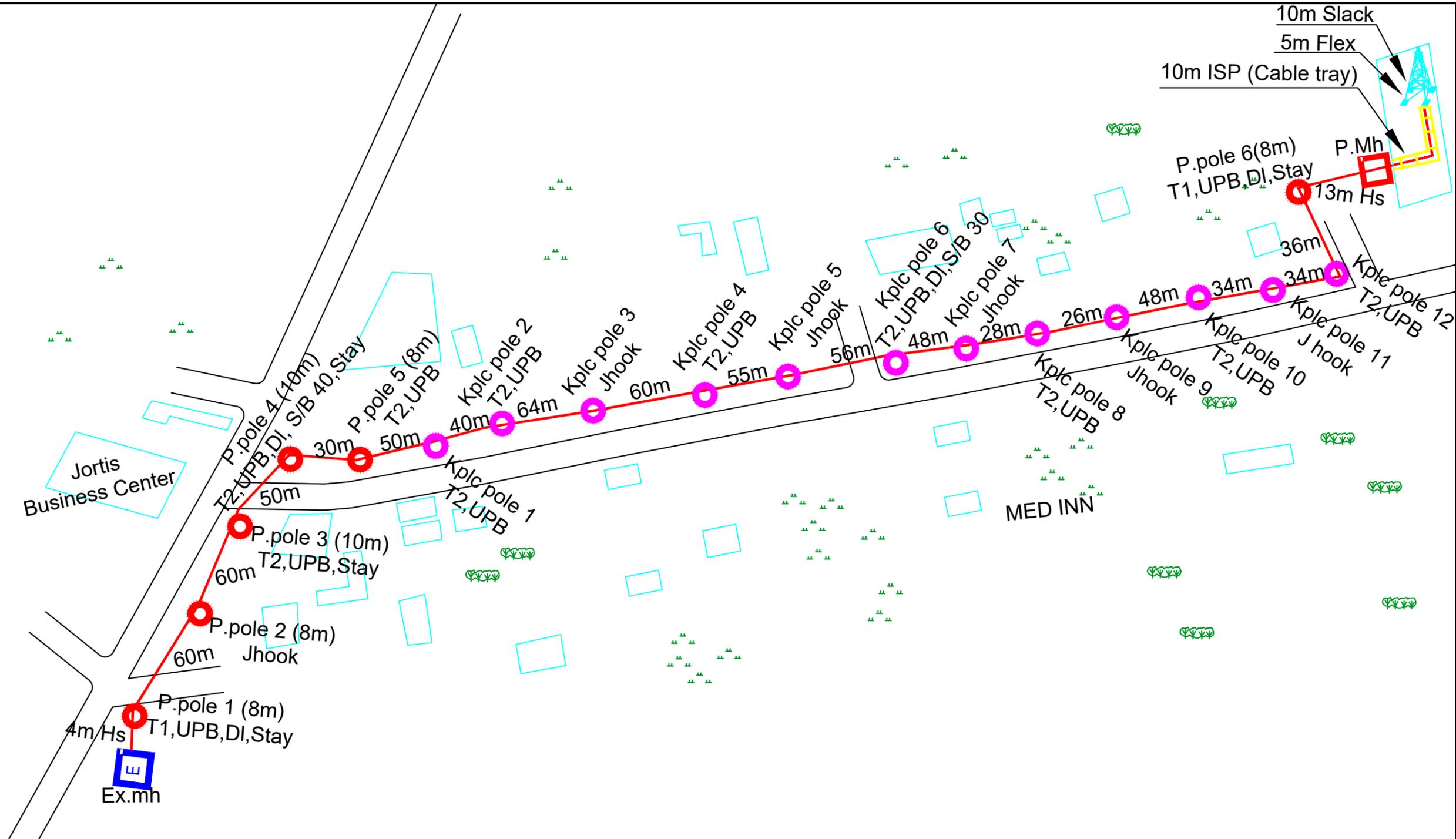
- EX.Mh
- ⊕ Kaaga Collocation Site
- KPLC Pole
- ⋯ New Route Development
- PMh
- Ppole



Google Earth
Image © 2025 Airbus

| | | | | | | | | | |
|---------------------------------|--|------------------|--|-----------------|-------------|------------------|--------|---------|--|
| LIQUID INTELLIGENT TECHNOLOGIES | | CALIKEN NETWORKS | | PROJECT NAME : | | DRAWING NAME : | | | |
| APPROVED BY | | CHECKED BY | | AIRTEL 107 | | KAAGA COLOCATION | | | |
| DATE | | DATE | | DESIGN MANAGER: | Drawing BY: | DATE: | SCALE: | VERSION | |
| | | | | | ELIZABETH | 25/08/2025 | N/A | VER.1 | |
| Drawing No:3 | | | | | | | | | |

| | |
|--------------|--|
| Date | |
| Name | |
| Subject | |
| Co-signature | |



| Main Workload | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------------|--------------------------------|------|----|-------|------------------|-----|-----|-------|---------------|----------|----------------|----------------|--------------|---------------|-----------|------------|-----------|-----------|------------|--------------|-----------------|-------------|-----------------|--------------|
| Route survey | Route clean | Break and recover road surface | | | | OSP Soil Profile | | | | ISP SCOPE | | | Joint Box(pcs) | Warning tape | Manhole (pcs) | PVC (Pcs) | ADSS Scope | | | | | | | | |
| | | ASP | CON. | SR | Cabro | SR. | HS. | CON | Cabro | GI.Pipe (pcs) | Flex (m) | Trunking (pcs) | | | | | P.P (8m) | P.P (10m) | P.P (12m) | Kplc Poles | Ex.LIT Poles | Linear Cable(m) | O.H B (pcs) | Storage Slag(m) | ADSS Slag(m) |
| 935 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 17 | 1 | 0 | 4 | 2 | 0 | 12 | 0 | 793 | 2 | 70 | 863 |

| HDPEΦ110 | | Concrete envelop | 1 way Micro duct | 2 way 32mm duct | | Breaking wall(pcs) | Breaking ceiling(pcs) | Open window in manhole(pcs) | BOSAL Works | | Cable Size |
|--------------|--------------|------------------|------------------|-----------------|-----------|--------------------|-----------------------|-----------------------------|-------------|----------|------------|
| Thrustboring | Bridge/ Drng | | | Existing duct | Trenching | | | | Above 5m | Under 5m | |
| 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 24C |

| LIQUID INTELLIGENT TECHNOLOGIES | | CALIKEN NETWORKS | | PROJECT NAME : | | | DRAWING NAME : | | |
|---------------------------------|--|------------------|--|-----------------|-------------|------------|------------------|---------|--|
| APPROVED BY | | CHECKED BY | | AIRTEL 107 | | | KAAGA COLOCATION | | |
| DATE | | DATE | | DESIGN MANAGER: | Drawing BY: | DATE: | SCALE: | VERSION | |
| | | | | | ELIZABETH | 25/08/2025 | N/A | VER.1 | |
| Drawing No:4 | | | | | | | | | |

Main Workload

| Route survey | Route clean | Break and recover road surface | | | | OSP Soil Profile | | | | ISP SCOPE | | | Joint Box(pcs) | Warning tape | Manhole (pcs) | PVC (Pcs) | ADSS Scope | | | | | | | | |
|--------------|-------------|--------------------------------|------|----|-------|------------------|-----|-----|-------|---------------|----------|----------------|----------------|--------------|---------------|-----------|------------|-----------|-----------|------------|--------------|---------------------|------------------|--------------|-------------|
| | | ASP. | CON. | SR | Cabro | SR. | HS. | CON | Cabro | Gi.Pipe (pcs) | Flex (m) | Trunking (pcs) | | | | | P.P (8m) | P.P (10m) | P.P (12m) | Kpic Poles | Ex.LIT Poles | Linear O.H Cable(m) | Storage. B (pcs) | ADSS Slag(m) | ADSS Survey |
| 935 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 5 | 0 | 0 | 17 | 1 | 0 | 4 | 2 | 0 | 12 | 0 | 793 | 2 | 70 | 863 |

| HDPEΦ110 | | | Concrete envelop | 1 way Micro duct | 2 way 32mm duct | | Breaking wall(pcs) | Breaking ceiling(pcs) | Open window in manhole(pcs) | BOSAL Works | | Cable Size |
|--------------|--------------|-----------|------------------|------------------|-----------------|-----------|--------------------|-----------------------|-----------------------------|-------------|----------|------------|
| Thrustboring | Bridge/ Dmng | Trenching | | | Existing duct | Trenching | | | | Above 5m | Under 5m | |
| 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 24C | |