(V.A.)
The layout plan is proposed based on preliminary site survey by using simple measurement apparatus.
It will be finalized based on accurate topographic survey to be carried out in Detailed Design.

Gudikale East Basic School
### Plan And Profile Transmission Pipeline (8/10)

#### PLAN

- **Double Socket Bend**
  - DN400 × 22.1/2°
  - Existing Pipe Crossing Point

- **Double Socket Bend**
  - DN400 × 11 1/4°

- **Double Socket Bend**
  - DN400 × 45°

#### PROFILE

- **Existing Pipe Crossing Point**
- **Air Valve DN25**

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<th>Ground Elevation</th>
<th>Total Distance</th>
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**Engineering Details**

- **Transmission Pipe DN400mm L=4907.00m**
- **Existing Pipe Crossing Point**
- **Asphalt Pavement** L=251.00m L=502.00m
- **Unpaved Road** L=251.00m L=502.00m
Detail OF Transmission Pipe

Existing Pipe Crossing Point

Watercourse Crossing Point (1)

Watercourse Crossing Point (2)

Air Valve Point
The Project for the Improvement of Water Supply System of Juba in Southern Sudan

Ministry of Water Resources and Irrigation
Government of Southern Sudan

Japan International Cooperation Agency (JICA)

Southern Sudan Urban Water Corporation
Tokyo Engineering Consultants, Co., Ltd.

Distribution Pipe

Distribution Main and Secondary Pipelines-4

1/2000

Rev. 1.0

LEGEND

Proposed Pipeline Route
Stop Valve
Water Treatment Filling Station
Public Tap Service
Watermain Valve