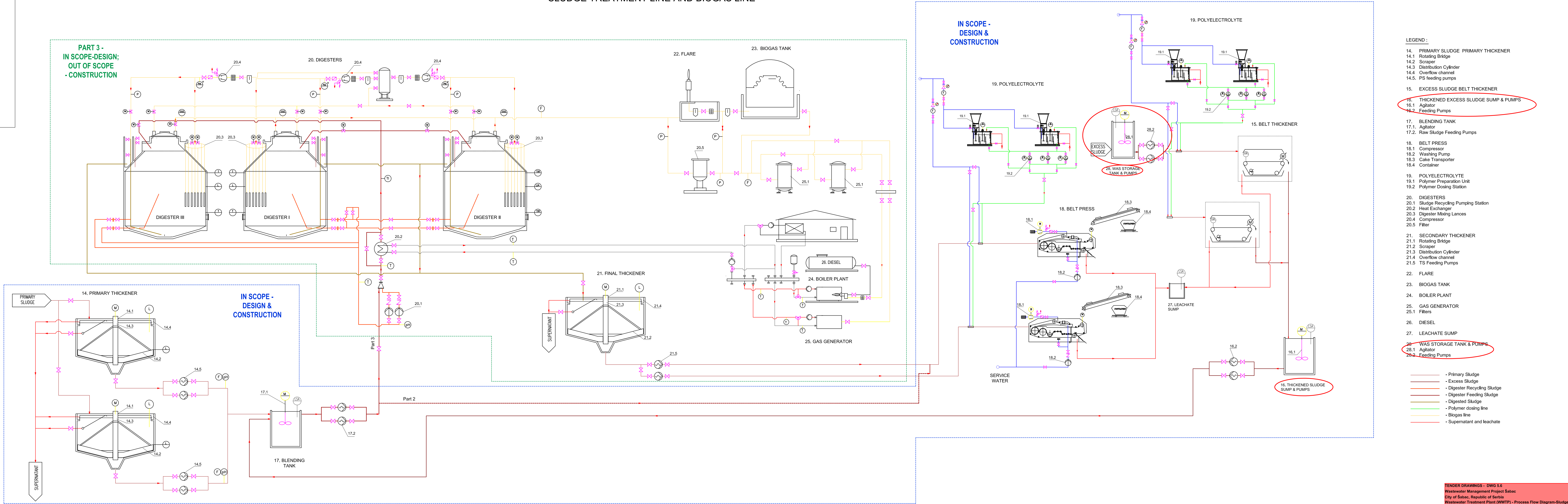


# PROCESS FLOW DIAGRAM SLUDGE TREATMENT LINE AND BIOGAS LINE



- LEGEND :**
- 14. PRIMARY THICKENER
    - 14.1 Rotating Bridge
    - 14.2 Scraper
    - 14.3 Distribution Cylinder
    - 14.4 Overflow channel
    - 14.5 PS feeding pumps
  - 15. EXCESS SLUDGE BELT THICKENER
  - 16. THICKENED EXCESS SLUDGE SUMP & PUMPS
    - 16.1 Agitator
    - 16.2 Feeding Pumps
  - 17. BLENDING TANK
    - 17.1 Agitator
    - 17.2 Raw Sludge Feeding Pumps
  - 18. BELT PRESS
    - 18.1 Compressor
    - 18.2 Washing Pump
    - 18.3 Cake Transporter
    - 18.4 Container
  - 19. POLYELECTROLYTE
    - 19.1 Polymer Preparation Unit
    - 19.2 Polymer Dosing Station
  - 20. DIGESTERS
    - 20.1 Sludge Recycling Pumping Station
    - 20.2 Heat Exchanger
    - 20.3 Digester Mixing Lances
    - 20.4 Compressor
    - 20.5 Filter
  - 21. SECONDARY THICKENER
    - 21.1 Rotating Bridge
    - 21.2 Scraper
    - 21.3 Distribution Cylinder
    - 21.4 Overflow channel
    - 21.5 TS Feeding Pumps
  - 22. FLARE
  - 23. BIOGAS TANK
  - 24. BOILER PLANT
  - 25. GAS GENERATOR
    - 25.1 Filters
  - 26. DIESEL
  - 27. LEACHATE SUMP
  - 28. WAS STORAGE TANK & PUMPS
    - 28.1 Agitator
    - 28.2 Feeding Pumps
- 
- Primary Sludge
  - Excess Sludge
  - Digester Recycling Sludge
  - Digested Sludge
  - Polymer dosing line
  - Biogas line
  - Supernatant and leachate