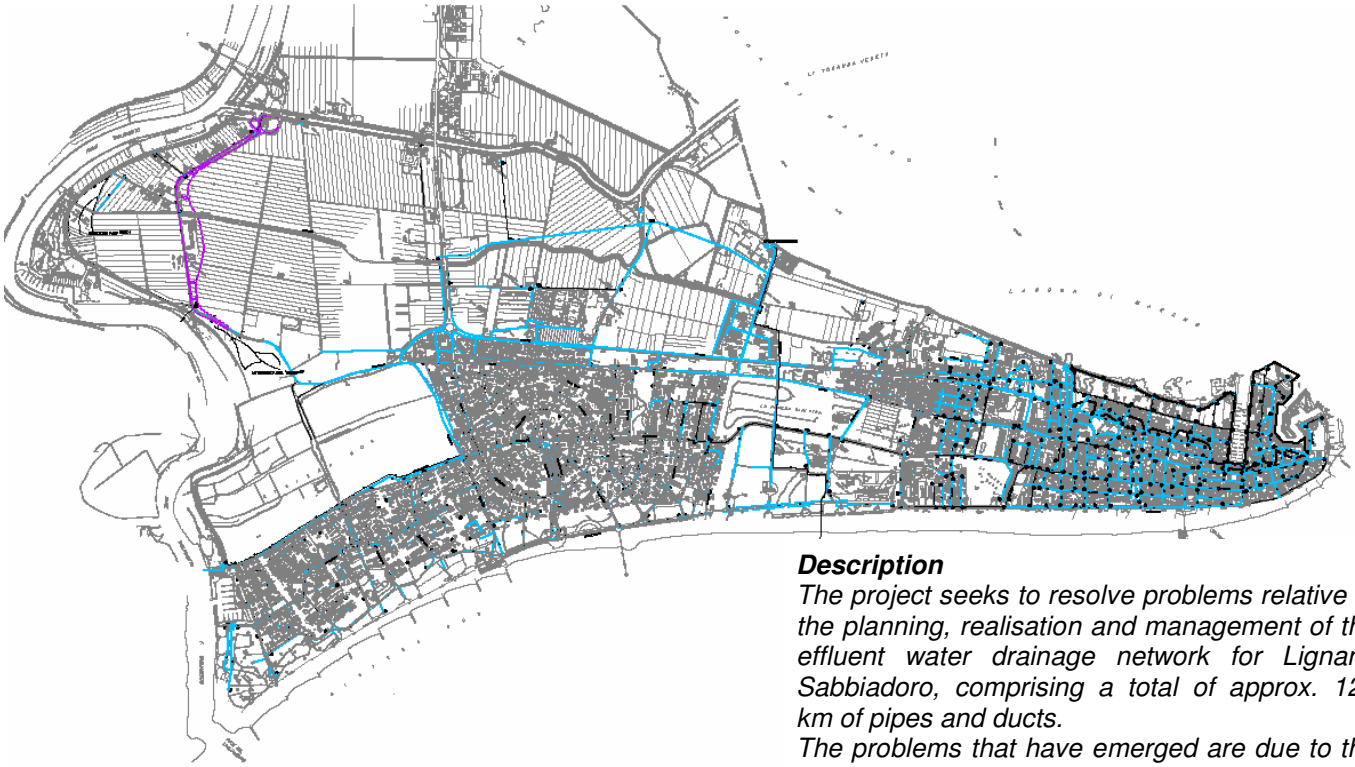
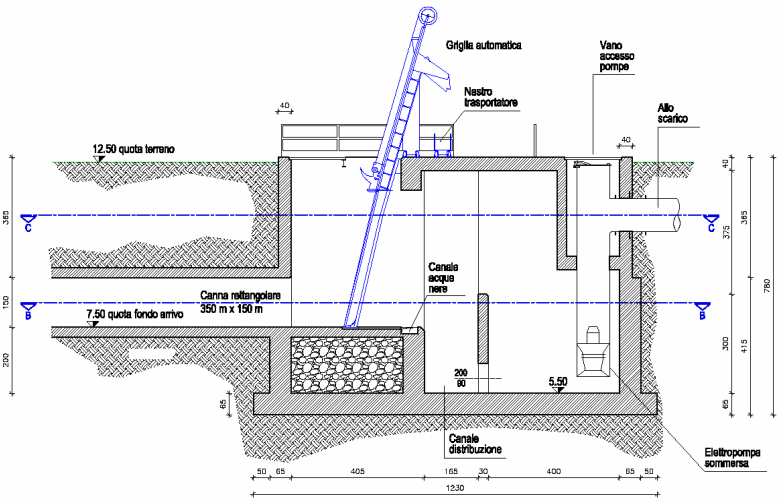
General project concerning Lignano sewer network, Italy

Locality
Lignano Sabbiadoro (UD)

Customer
Comune di Lignano Sabbiadoro (UD)

Value of Work
€ 25.000.000,00 approx.





Description

The project seeks to resolve problems relative to the planning, realisation and management of the effluent water drainage network for Lignano Sabbiadoro, comprising a total of approx. 120 km of pipes and ducts.

The problems that have emerged are due to the inadequate functional features of the existing network as well as the specific features of the locality:

- *Existing infrastructures were adapted relative to forecasts regarding town planning interventions and new construction work realised over the last decade;*
- *Adoption of materials offering high seal levels, as regards both eliminating the possibility of pollution and avoiding the presence of brackish or ground water that can affect the final cleaning process (pipes in ceramic gres, glass fibre, PVC, polyethylene);*
- *Seasonal and daily fluctuation in the numbers of residents due to the considerable level of tourism in the area in question.*

In addition to the network, accessory structures have also been planned and designed e.g. spillways, pumping stations, etc.

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