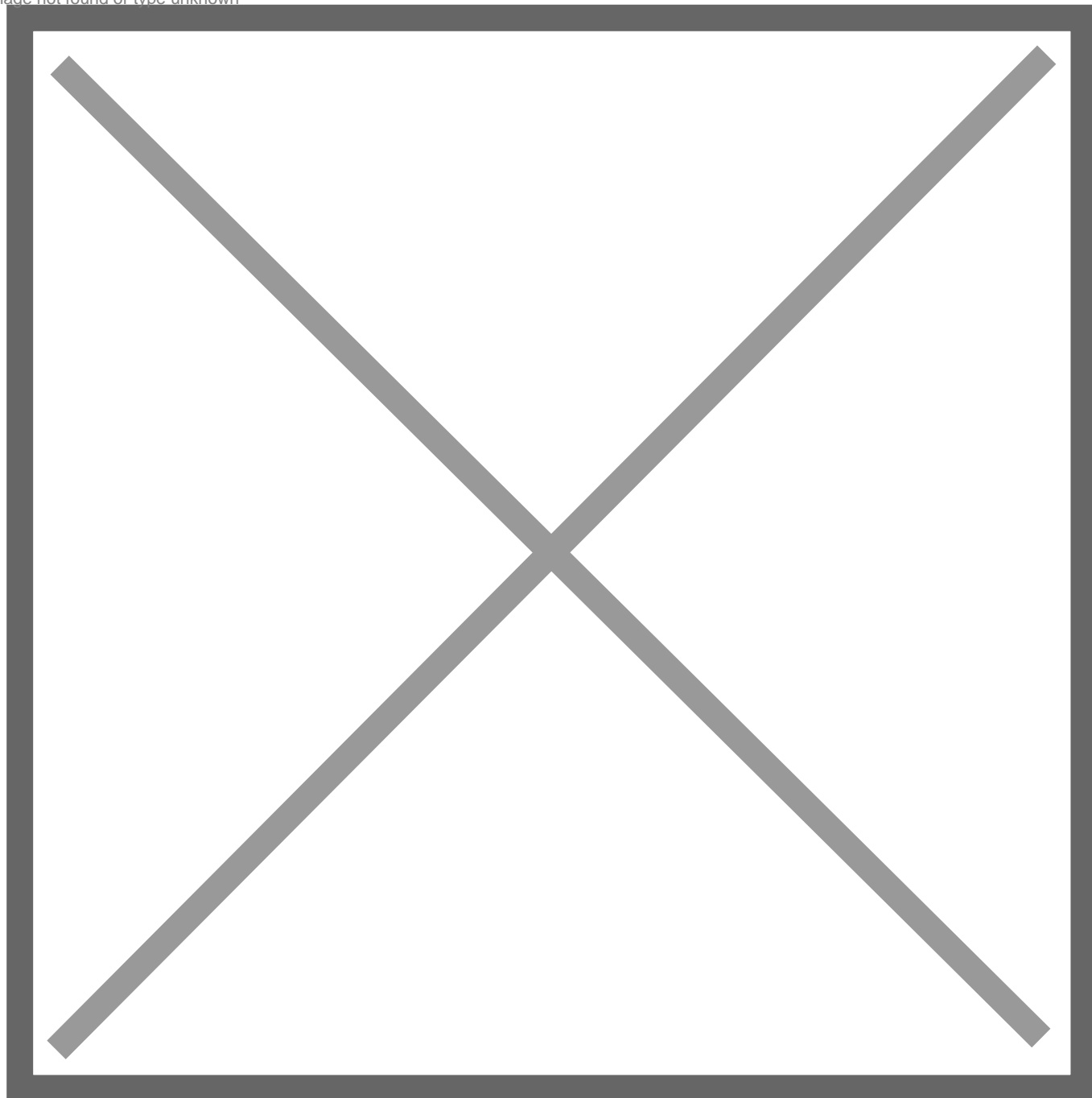Image not found or type unknown

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Tinghøj Vandreservoir [Tinghøj Water Reservoir]

Denmark

Vandtårnsvej
Hovedstaden (Region) Gladsaxe (Municipality)
2860 Gladsaxe

Commission

1930

Completion

1957

Original use

Transportation and infrastructure/water reservoir

Current use

Transportation and infrastructure/water reservoir

Architects

Ib Lunding

Concrete by reinforcement

Reinforced concrete

Construction method

Cast-in-place concrete, in-situ concrete

Architectural concrete

Architectural concrete

Structural types

Two-dimensional/Slab

Description

The Danish architect Ib Lunding was remarkable for his extraordinary versatility. He was a jewelery and furniture designer and developed a well-known urban streetcar system. He published a number of books and worked as a municipal architect for the city of Copenhagen for more than 40 years. From the city council, he defended modernization and the identification of public architecture and design with functionalism and rationalism.

In the early 1930s, Lunding drew up the plans for the underground reservoir system that supplies water to the city of Copenhagen. Construction went on for several decades until the ten reservoirs that still exist today were completed.

Although this urban infrastructure was largely underground, Lunding approached the project with care, both globally and in the details, in the visible aspects and in the parts that would remain hidden. The design drawings are precise in their attention to the architectural details but also in the design of valves and pipe systems, and they stand out as a beautiful example of functionalism. When construction on the reservoir began, the use of reinforced concrete in Denmark was restricted by law to industrial architecture. Lunding took advantage of the situation as an opportunity to exhibit the material's expressive possibilities. A beautiful example of the refinement in the details can be seen in the access points: small parabolic domes that combine concrete, steel and copper, which periodically dot the enormous surface of the Tinghøj reservoir.

Links

[Danmarks Naturfredningsforening](#)