

The Multi Service Group.

Hans-Otto-Theater

Potsdam, Germany



50 years after its total destruction in the Second World War, the Hans-Otto-Theater in Potsdam had to be rebuilt.

Works included the construction of the excavation pit and the installation of deep foundation for the theater.

As retaining wall of the 3.5 m deep excavation, 1,100 m² of sheet pile wall were installed.

Sealing works of the 700 m² large base consisted of a 1.00 m thick jet around column slab.

The former gasworks site was contaminated. By executing a value engineering proposal with deep foundation using a driven 'Franki' pile solution, substantial savings could be excavation material.

Quantities: ^

1,100 m² sheet pile wall, length = 8.50 m

700 m² jet grouting slab, d = 1.00 m

144 Nos. driven, cast in situ concrete piles, System Franki

Contract Value (net):

1.08 Mio EURO

Constructed Period:

03/2003 - 10/2003

Client:

Stadtverwaltung der
Landeshauptstadt Potsdam

14461 Potsdam

GERMANY

Services:

Sheet pile wall

Driven Piles

Jet grouting slab

Earthworks

Dewatering

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