



CAMPANHÃ II / CASA DA MÚSICA II LINE (VIA MARQUÊS)

PRELIMINARY STUDY

Client: Metro do Porto, S.A. – Project Division / WS Atkins Portugal, S.A.

Location: Metro do Porto (OPORTO METRO COMPANY)

Design date: 2010 - 2010

Services: Preliminary Study

Summary:

Design and Technical Direction preliminary studies of the line, including: Alignments, Geotechnical, studies for electromechanical equipment, tunnel ventilation and HVAC, Safety and design all underground, at-grade and surface structures: Tunnels, stations (architecture, excavation, retaining, structures) and Bridges for a section of line with 6.2 kilometres long in an urban area.

The Line has a total 7 stations, 3 cut and cover, 1 viaduct and 3 other at-grade.

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