



SÃO CONRADO STATION INTERNAL STRUCTURES DESIGN

BASE DESIGN AND FINAL DESIGN - INTERNAL STRUCTURES; TECHNICAL ASSISTANCE TO THE CONSTRUCTION.





Client: Riotrilhos / CCRB - Consórcio Construtor Rio Barra / CJC - Engenharia e Projetos, Ltda.

Location: Rio De Janeiro Metro - Line 4, Rio de Janeiro, Brazil

Design date: 2012 - 2013

Construction date: 2014 - 2015

Services: Base Design and Final Design - Internal Structures; Technical Assistance to the Construction.

Summary:

This is a station with a deployment area with more than 9000 m². The structure includes an electrical substation, 3930 m² access and two ventilation shafts 24 and 33 m high and 17 m in diameter. Various external constraints have forced the adoption of several constructive ways: cut-and-cover, tunnel boring machine, indirect method and shaft excavation and prefabricated construction.

SEE ONLINE

These documents are property of NSE - Consultores de Engenharia, Lda. Its content is made available exclusively for the purpose of disclosure of the company's activity and its use is prohibited for any other purpose without the prior written consent of NSE.