



JARDIM OCEÂNICO STATION INTERNAL STRUCTURES DESIGN

BASE DESIGN AND DETAILED 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: 2014 - 2015

Construction date: 2014 - 2015

Services: Base Design and Detailed Design – Internal Structures; Technical Assistance

to the Construction.

Summary:

The Executive Project is a deep reformulation of an existing project.

The station has a deployment area of $3200~\text{m}^2$. It is a subterranean structure in reinforced concrete, but has a surface covering slab, suspended, using prestressing, by an arc with more than 70~m in length.

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