SCHEMBERA
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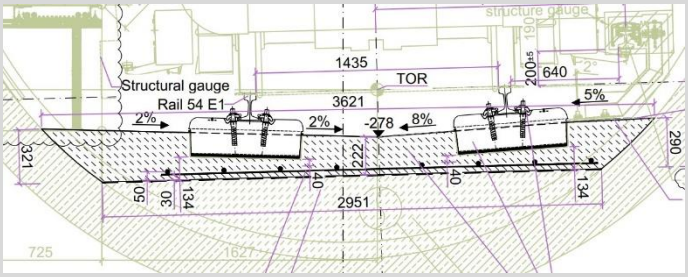
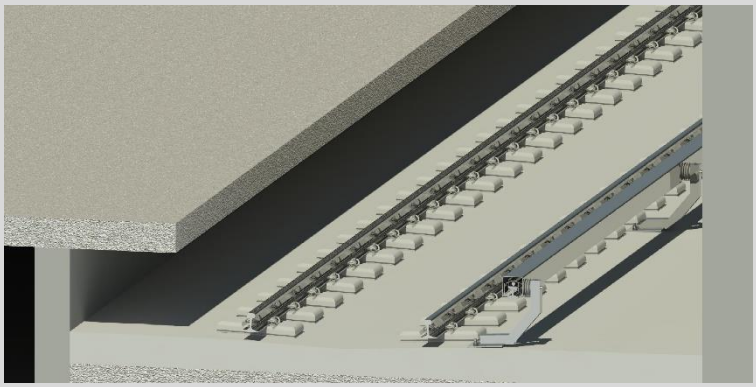
PROJECT SHEET





REFERENZ	Metro Copenhagen, Projekt Cityringen, Branch off to Sydhavnen,
LOCATION	Copenhagen, Denmark
CLIENT	Rhomberg Bahntechnik GmbH
PERIOD	August 2018, ongoing
DESCRIPTION	On behalf of Metroselskabet (MS), the subway network in Copenhagen will be expanded and shall include the Cityringen project. Part of this project is the 4.6 km long branch off to Sydhavnen. This section is located entirely in the tunnel and consists of 5 stations and 2 scissor crossovers. The tracks are being built in the track system LVT HA and as Mass-Spring System.
SERVICES	Technical Director, Design Manager, design of the turnouts in the railway track system LVT, design of the railway track in stations and tunnels in the track system LVT-HA, design of the railway track system in the Mass-Spring System areas. These design services were made in the preliminary design phase as well as in the detail design phase (execution plans and documents). In addition to this, the 3rd rail layout for the tunnel, the stations, flood gates and the scissor crossovers was designed in the design stage detail design and the detail design drawings were made. Therefore, an analysis of the constant contact of the vehicle collector shoe with the 3rd rail in the 3rd rail gaps was performed.

DI Bernhard Schembera – Consulting engineer for civil engineering
Schembera Consulting ZT, Capistrangasse 3/2/72, 1060 Vienna