



RESIDENTIAL COMPLEX WIGGERWEG IN STRENGELBACH

Well-connected living – Network 41 connects the Wiggerweg residential estate

From sockets and ventilation systems to fire protection – everything is planned down the last detail and intelligently managed. Network 41 completes the elaborate electrical planning work for the Wiggerweg residential complex in Strengebach AG.

A huge wiring diagram in a total of 221 pages reflects just how much work project manager Alex Zemp and his team put into the professional networking of the large-scale residential estate in Strengebach. Network 41 was responsible for the entire electrical planning on the estate. "All in all we spent 780 hours on the planning for Wiggerweg over the last three years, including coordination with our partners," says Alex Zemp. This highly complex work is barely noticed by non-experts. But professionals will instantly take note of the intelligent overall concept that enables use of power and heat in the buildings in the first place.

NOTHING IS LEFT TO CHANCE

“Electrical planning is so diverse – I can hardly list everything we hooked up to the power grid,” says the project manager. It’s true: the list of devices and components is very impressive – ranging from simple sockets through to intelligently controlled emergency lighting systems: everything that required a power supply was precisely planned in advanced by Network 41 experts. This also includes the connections and cables for heating, ventilati-

lighting control: the lamps darken automatically at night and are interconnected by means of LOGO control. According to Alex Zemp, the biggest challenge on this project was the sheer scale and the need for ongoing coordination with various partners: “There were also lots of statutory requirements and individual adaptations. It all takes a lot of patience. But it was worth it in the end – after all, we don’t just offer run-of-the-mill solutions.”

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on, blinds, washing machines, lights, kitchens, bathroom facilities, multimedia systems, and intercom systems as well as smoke and heat extractor systems. “Everything can be intelligently controlled and adapted to individual customer preferences. The various items can even communicate with each other,” adds Alex Zemp.

INTELLIGENT LIGHTING

One impressive example is the planning for the exterior lighting and ambient lighting on the residential estate. The Network 41 lighting concept not only ensures minimum power consumption and optimum illumination, it also features intelligent



ALEX ZEMP – PROJECT MANAGER NETWORK 41
PROJECT LEAD “WIGGERWEG RESIDENTIAL ESTATE”

“What fascinates me most about my job as an electrical planner is the enormous diversity. The electrical sector never stands still – it’s constantly reinventing itself and introducing new technologies. This constant change is what makes planning and implementation with our partners so exciting.”