



Engineer: Muirs Associates
Main Contractor: Bowmer and Kirkland
Slipform Contractor: Mayo Civils



Hotel Indigo Development

Manchester

Development

Conversion of existing city buildings into 13 storey hotel development with associated bar and restaurant facilities, with ground floor retail area.

The Project

RFA-TECH along with Mayo Civil Engineering and Muir's Associates worked together to find a cost effective solution to enable the accurate installation of radiused couplers. The solution was the utilisation of a coupler rail which incorporated tapered threaded couplers spot welded to a rebar at agreed centres in this case the lacing rebar had to be considered as this had to be manipulated on site to suit the required radius. The main benefits of this system are ease and accurate installation and a 4.5m radius could be achieved which was not possible with traditional continuity systems. RFA TECH also managed to manufacture in such a timescale that allowed for JIT deliveries to site to allow for the completion of the slip form on time.

