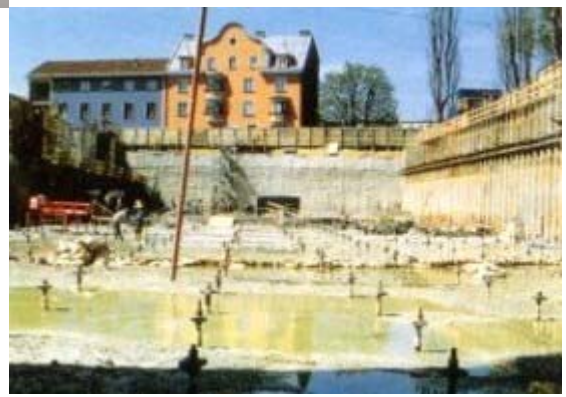
Domestic Buildings



Parking Garage, School and Sport Facilities "Lower Town", Hall, Tyrol, Austria

Reference Details:

Owner City of Hall, Tyrol
Stadtwerke Hall GesmbH +++ **Design consultant**
Stadtbauamt Hall, Dipl.-Ing. Franz Nock +++
Prime contractor
ARGE TIEFBAU: Fröschl Bau AG & Co. KG, K. Innerebner GesmbH, Hinteregger GesmbH +++
Subcontractor for Excavation and Uplift Anchoring Bauer Spezialtiefbau GmbH

DSI Services Supply of 120 DYWIDAG temporary Strand Anchors 2 to 6-0.6", including anchor testing; Supply of 800 double corrosion protected *GEWI* ® Piles dia. 50mm, St 500/550; Technical support.

Project:

Parking garage with three subterranean levels and a sports field on top, as well as a school building immediately adjacent

System:

2 to 6 x 0.6" DYWIDAG temporary strand anchors; double corrosion protected 50 mm Ø *GEWI* ® piles (St 500/550)

Application:

Tie back of the excavation walls; uplift control during and after construction

Special Features:

DSI proposal and redesign to optimize *GEWI* ® tension pile distribution; simplified load transfer during construction via bond; installation of *GEWI* ® piles from a floating platform

Construction Period (excavation and geotechnical works):

September 1996 - April 1997

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