

Polyfunctional Building Táborská

Construction pit – underpinning & retaining
Reinforced Jet Grouting, Micro-Berliner Wall, Anchors, Nails

Reference sheet

CLIENT:

Towns – Wadey & Co s.r.o.

REALIZATION PERIOD:

2005 - 2006

PRICE:

12,7 mil. CZK

VOLUMES:

Jet Grouting 651 m
(diam. 700 mm, 158 units)
Micro-Berliner Wall 355 m
(prof. I180 mm, 30 units)
Reinforcing Micropiles ... 1 186 m
(prof. 108/12,5 mm)
Temporary Anchors 1 654 m
Nails 245 m
Shot-Crete 315 m²
Earthworks

DESCRIPTION:

Typical Prague project with combination of foundation methods. Retaining system for construction pit (depth up to 10 m) based on reinforced Jet-grouting and Micro-Berliner walls. Combination with Jet-grouted underpinning of adjacent buildings. Works carried-out in confined space between existing building, in variable geology with boulders and rock.

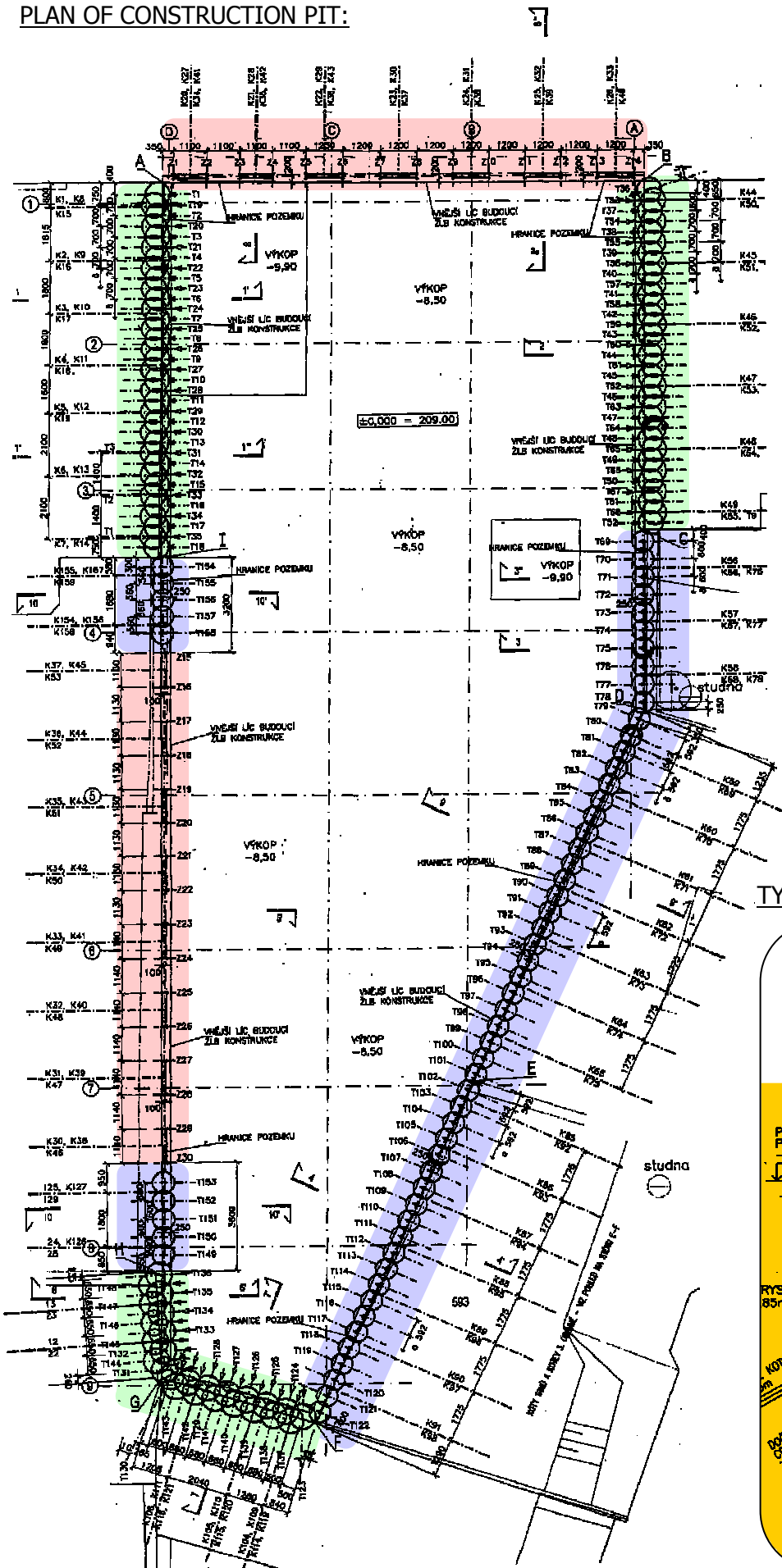


Combination of retaining methods



Confined space between existing buildings

PLAN OF CONSTRUCTION PIT:



RETAINING:
Micro Berliner Wall

RETAINING:
MP-Reinforced JG Wall

UNDERPINNING:
Jet Grouting

TYPICAL SECTION:

