

CASE HISTORY

- >> SITE PREPARATION
- >> NEW CONSTRUCTION

REMEDIAL REPAIR

>> HELICAL PULLDOWN[®] MICROPILE

ATLAS RESISTANCE[®] PIERS

HELICAL UNDERPINNING

EARTH RETENTION

RETAINING WALLS

HELICAL TIEBACK

SOIL SCREW[®]

PIPELINE STABILIZATION

TELECOM/SUBSTATION

UTILITY/SOLAR

CERTIFIED INSTALLER

EBS GEOSTRUCTURAL
Breslau, Ontario

STRUCTURAL ENGINEER

**PRETIUM ANDERSON WATERLOO
(FOUNDATION) / EXP
(SUPERSTRUCTURE)**

LEAD CONTRACTOR

TROW ASSOCIATE, INC.

Hubbell Power Systems, Inc. is the world's leading helical pile/anchor manufacturer. The CHANCE[®] brand offers a technically advanced, cost effective solution for the Civil Construction and Electric Utility and Telecommunications markets.

Waterscapes Condominium



PROJECT

An existing factory had been removed years earlier from this site. The varying fill surface soils were unsuitable for shallow footings and required deep foundations. Construction of new 12 storey condominium on remediated soil adjacent to the Grand River.

SOLUTION

Design/build with CHANCE[®] Helical Piers were chosen due to the ability of the pile to navigate the soils with small obstructions and penetrate the cobble rich material (SPT >100). Installation of 730 helical piers with 6" diameter grout column. SLS load of 150 kips in compression. Seven ASTM load tests on sacrificial piles performed in compression

