



■ Commercial Buildings



Reference Details:

Owner Development Group, LLC, Fort Lauderdale, FL, USA
+++ **General Contractor** Hunt Construction Group, Tampa, FL, USA
+++ **Sub-Contractor** Baker Concrete, Medley, FL, USA
+++ **Engineer** Jenkins & Charland, Inc., FL, USA

DSI Unit DSI USA, BU Monostrand, FL, USA
DSI Scope Supply of 800 km of DYWIDAG Monostrand Tendons incl. accessories



Use of DYWIDAG Monostrand Tendons in the Venice of America

W Hotel in Fort Lauderdale, FL, USA

Due to its many waterways, Fort Lauderdale is also referred to as the "Venice of America". Every year it attracts many tourists who fish in its waterways or cruise with their yachts. With its blue waves and golden sand, the beach of Fort Lauderdale is one of the most beautiful regions in Florida. Meanwhile, the city is accelerating its conversion to an elegant and superior coastal resort, leading to a true construction boom of new 5 star hotels.

One of those is the new W design hotel of the Starwood Hotels and Resorts Group. "W" is the fastest growing hotel brand in the 5 star hotel business. The new facility consists of two 23-storey high-rise buildings which offer views of the beach and the famous intercoastal waterway from nearly all windows. The west tower accommodates 171 luxurious apartments, whereas the east tower

houses the 346 rooms of the W hotel.

All floor slabs of the 23 storeys are stressed with DYWIDAG Monostrand Tendons. This important project once more illustrates the advantages of the DSI strategy to be represented with local facilities all over the world. The investor's requirements for a construction period as short Use of DYWIDAG Monostrand Tendons in the Venice of America W Hotel in Fort Lauderdale, FL, USA as possible could also be met due to the fact that DSI USA was able to supply the approximately 800 km of DYWIDAG Monostrand Tendons just in time, since the DSI plant in Florida is only about 15 km away.

Due to their small size of 0.5" dia., DYWIDAG Unbonded Monostrand Tendons consisting of cold-drawn 7-wire strand tendons are perfectly suited for extremely thin prestressed concrete slabs of 114 mm as they are used in the W hotel. The new W hotel in Fort Lauderdale will open in early 2008.