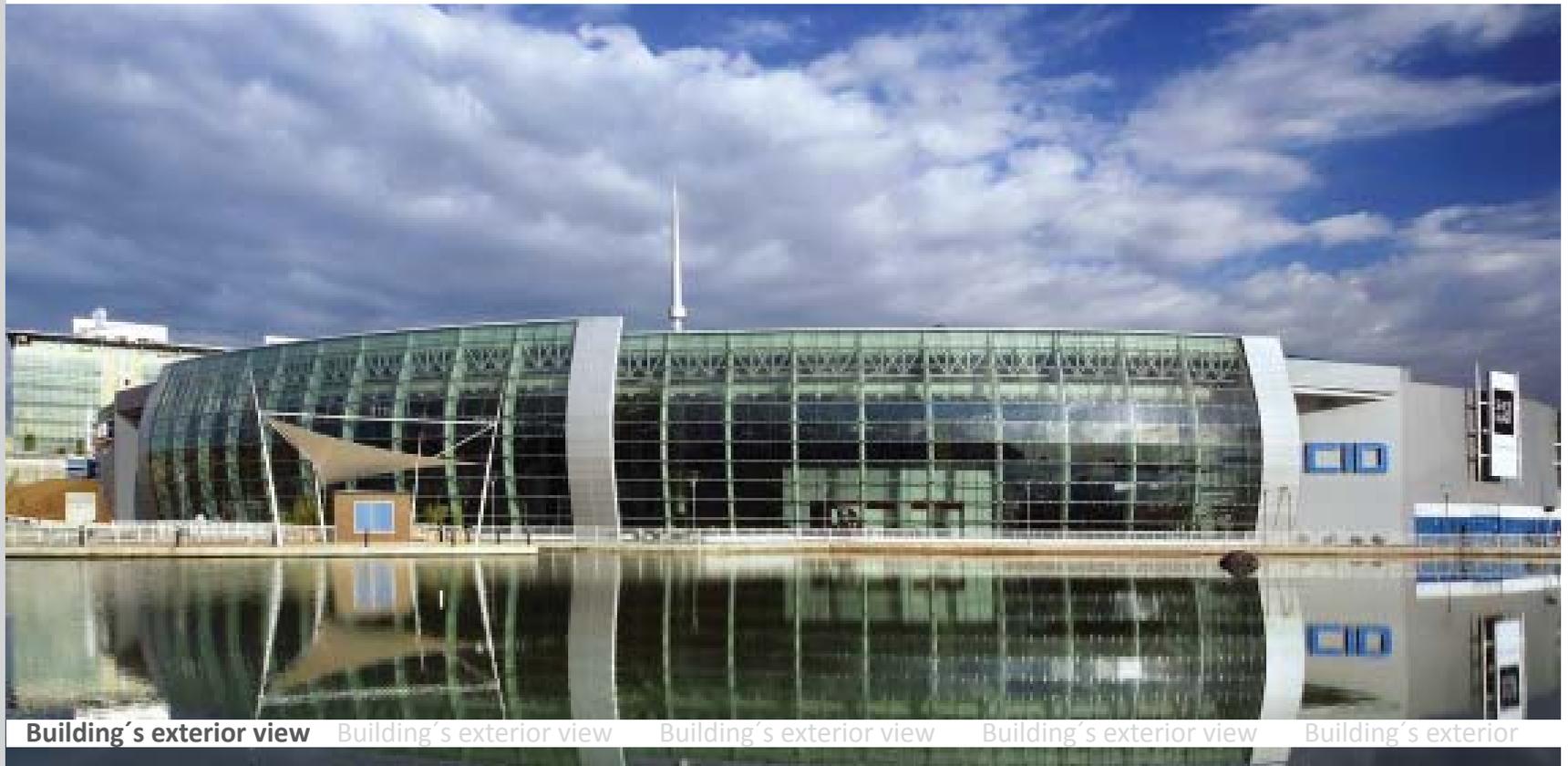


Leisure Park

Rivas Futura

CLIENT	Chapman Taylor
PROJECT DATE	2005-2006
LOCATION	Rivas Futura, Madrid, Spain
FIELD OF ACTION	Construction Project and Technical assistance during construction



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Building's exterior view Building's exterior view Building's exterior view Building's exterior view Building's exterior



Leisure Park

Rivas Futura

H2O is a reference shopping mall in Madrid. The leisure park counts with two floors with a total surface of 50,000 m² and a unique metal roof. The leisure park has two very specific isolated modules: The Music and the Food Court, which distinguish themselves from the rest of the mall by their geometry with many curves and plans with unique angles of their respective decks.

In addition to the main building, the complex includes an artificial lake, a restaurant next to it, a quay and a box office area. The movie theaters are inside the main hall, in sector 2.

The structure of the decks of the different levels, which present 8 x 8 m grids and 8x 16 m in areas over supermarkets, all of them are fully solved with solid concrete slabs of different width (35 cm to 50 cm in areas of bigger spans) and with expansion joints up to 64 m separation.

The vertical structure is composed by pillars, concrete retaining walls and numerous types of retaining walls. Due to its great spans and its very singular geometry (Food and Music Court, arched skylights, open circular skylights, etc.) the deck is made of steel. Finally, some benches were placed on top of the plain surfaces of the metal roof.



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