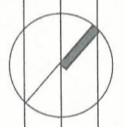


THE  
PHARADON  
ATLAS  
OF 21<sup>ST</sup>  
CENTURY  
WORLD  
ARCHITECTURE

1,037 Buildings	244 Single Houses	18 Libraries
	63 Schools	8 Embassies
653 Architects	11 Art Galleries	28 Hotels
	76 Museums	6 Railway Stations
6 Geographical Regions	7 Swimming Pools	
	2 Town Halls	
	57 Office Buildings	
89 Countries	38 Universities	
	8 International Airports	



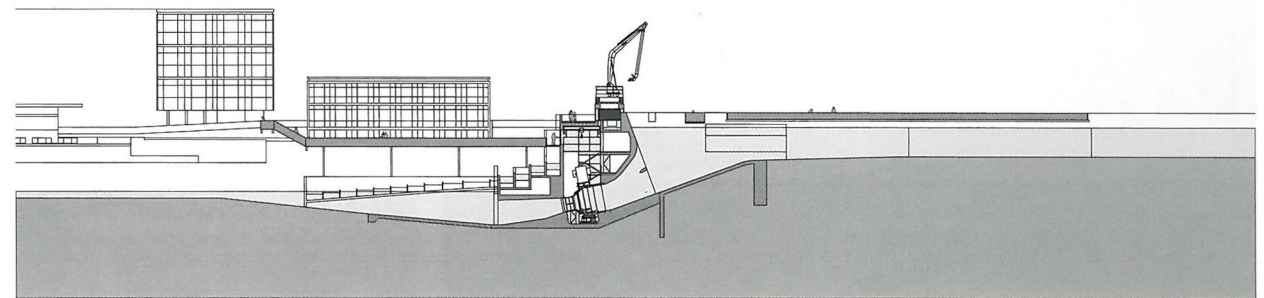


**0620** The new Hochwuhrl hydroelectric Power Plant is situated in the gorge of the Ill River. Close by is the medieval centre of Feldkirch, a small town in western Austria. Dramatic rocks rise on one side of the site, where the river's water drops almost 10 m (33 ft), generating enough energy to supply an average of 4,000 households per year. Besides energy production, the power plant is also conceived as a belvedere offering views into the gorge as well as towards the historic buildings of Feldkirch. The components of the

power plant are reduced to their technically necessary parts – the expanse of exposed concrete and steel elements tell of the immense forces they control. The station itself is located on the eastern riverbank, reaching out towards the city with a new footbridge which completes a riverside promenade. A sunken park surrounds a special open canal called a 'fish ladder,' enabling fish to migrate upstream. The turbine hall opens up to this public space with generous glazing, providing passers-by with glimpses of the technical



2



3

processes. On top of the turbine hall is the viewing platform, a spacious terrace neatly shaped by smooth concrete parapets. This space merges directly into the dam crossing the river. All open-air areas are accessible to the public, making the project a combination of technical construction and landscape design. At night, the structure is carefully illuminated. The Austrian artist Peter Sandbichler designed a lighting concept which plays with the contrast of reflective water surfaces, smooth but matte concrete

textures and glowing interiors visible from the windows of the turbine hall. Through these openings, the fish ladder and the cascading water look like intriguing ornamental waterworks.

- 1 Aerial view southwest across site
- 2 View southeast towards dam
- 3 Section through building

**Client**  
Stadtwerke Feldkirch  
**Area**  
Not available  
**Cost**  
1,200,000  
**Coordinates**  
47.2333 9.5989