Pool Pavilion
Gluck+

Conceived as a "rift" in the landscape, this recreational structure is less building than it is landform; an elongated span of grass, stone and glass that unites previously disparate elements of the site. This landscape rift is stretched, carved, and folded to house a complex program of indoor and outdoor recreation including a lap pool, spa, sauna, outdoor play fields, terraces, theater, and gym. The office, a two story copper clad structure, the sole vertical element of the building, rises up to create a solitary marker in the landscape. The exterior materials reflect the natural feel and texture of the site; locally quarried bluestone walls are an extension of the Adirondack geology; the copper cladding's patina ages and reflects its surroundings; and the green roof changes color to mirror the changing landscape.

An integrated environmental strategy weaves formal concerns with responsible building solutions. Massive overhangs protect from direct solar heating; inverted planes of the white fabric ceiling to disperse light in every direction to maximize day-lighting; sod roofs and buried program space create thermal mass to reduce heat exchange and the extensive green roof provides additional insulation, reduces storm water runoff and creates additional occupiable green spaces.
existing forested site
creating a central clearing
configure upper and lower play fields
add buried program and orient views
The fabric ceiling also provides complete acoustic transparency by adding acoustical insulation to what would typically be a reverberant pool space. The building uses the synergies of deep geothermal wells and a heat recovery dehumidification system to efficiently heat the pool, while cooling the rest of the building. The experience of the pool pavilion and its adjoining spaces suggest alternative ways of both viewing and participating in the Adirondack Landscape.
Project: Pool Pavilion
Location: Adirondack Mountains, NY, USA
Architects: Gluck+Kobayashi
Project team: Shinnoru Banbu, Richard Bednarz, John D'Agostin, Peter L. Gluck, Charlie Kaplan, Eric Shafir, Robert Wall, Douglas Weibel
Civil engineer: Diner Engineering
Structural engineer: Robert Silman Associates P.C.
MEP and Environmental engineer: HBC Engineering Services Inc.
Lighting engineer: Lux Populi
Area: 575 m²
Completion: 2009
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