

# SALA

## BMW Ecolodge Travel Studio

6th Year Architecture Studio | Fall 2009

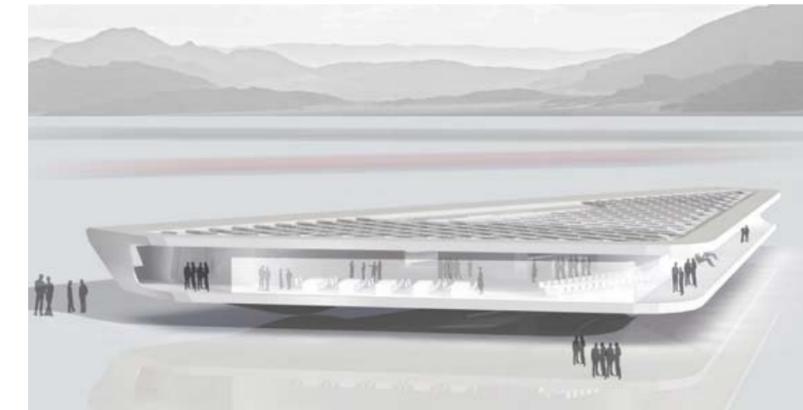
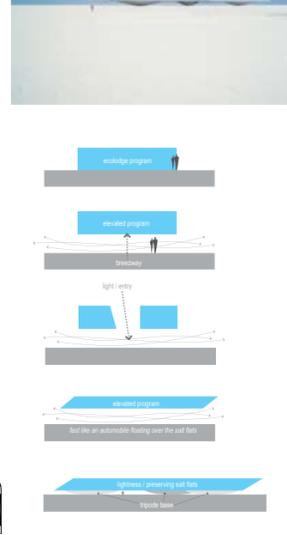
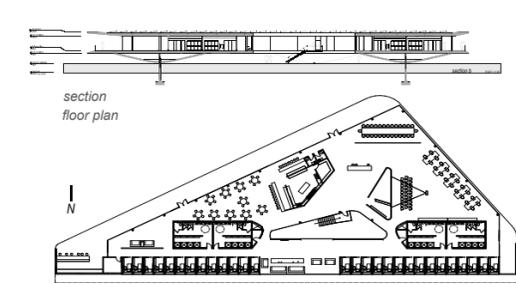


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### BMW Eco-Sled

Bonneville Salt Flats, UT

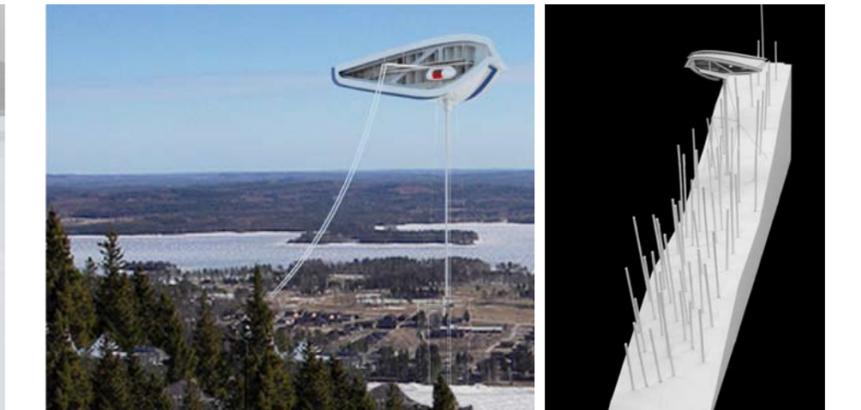
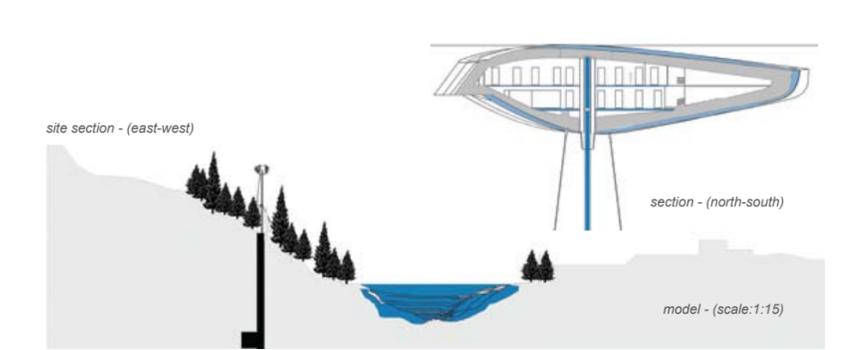
Ben Walker  
The Bonneville Salt Flats in Northern Utah is one of the most unique landscapes in the world. Due to a radical climate shift each year and a large salt deposit left from the evaporation of the Great Salt Lake, a pristine flat landscape is created. It is a place of complete solitude, breathtaking views, and speed breaking automobiles that all come together to create its unique presence. The new BMW Ecolodge will take full advantage of this unique place by capturing natural phenomena's that occur in the landscape year round; but also be a self sustaining building that guests can come to and relax, think, and collaborate to better the future of BMW. The new BMW Ecolodge is a place of sheer driving pleasure, and joy.



### BMW Snowbird

Tahkovouri, Nilsia, Finland

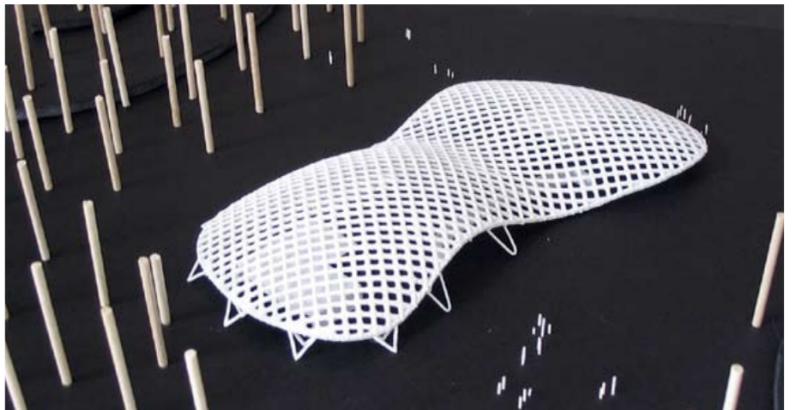
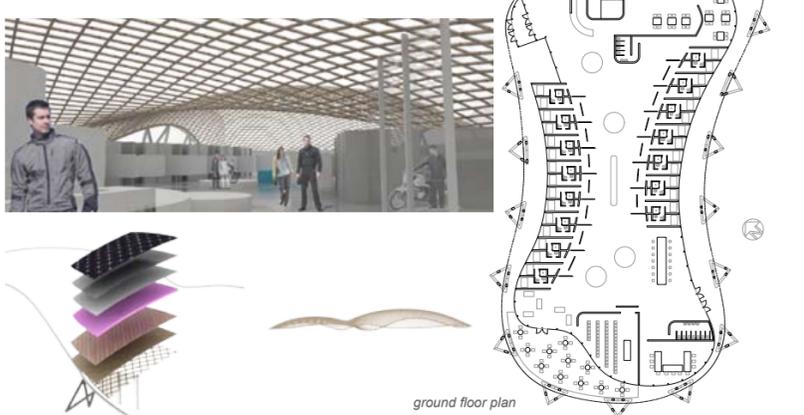
Onesimo A. Guerra  
Inspired by the image of the modern golf club this think tank borrows from the aesthetic and construction concepts of that product's design. Sited in Nilsia, Finland on the Tahkovouri ski resort, it uses the microarchitecture concept of a light footprint and economy of space for both architectural and environmental benefits. Ecologically "The Instrument" uses both wind energy and geothermal exchange techniques to set it apart from other BMW corporate architectures currently available.



### Ecodome

Ruette, Austria

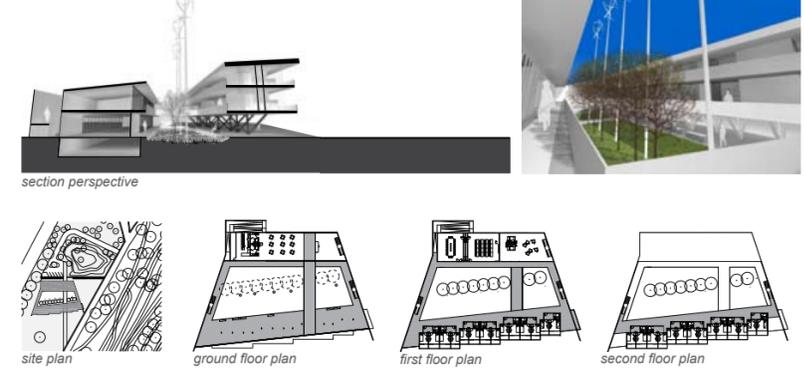
Gregg A Krum  
A seminar hotel for business leaders, government officials and NGOs to research and present on issues of sustainability and climate. The gridshell canopy over the program area is a realization of innovative use of sustainable materials. A theme for the client, BMW, to capitalize on.



### BMW Eco-Courtyard

Frottmanning, Munich, Germany

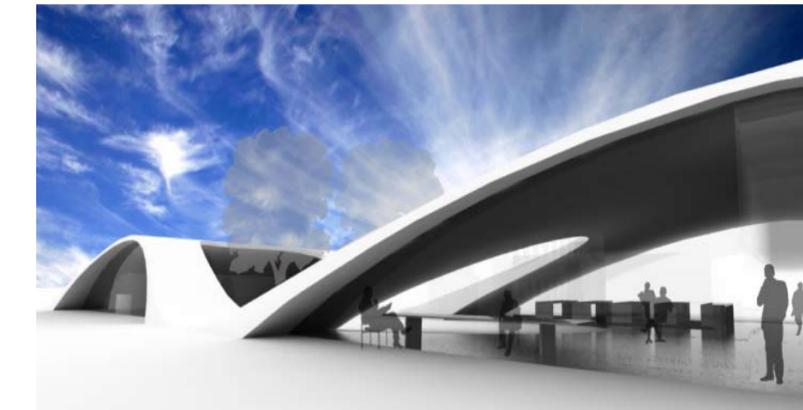
Kelly Vanyo  
The BMW Ecolodge is sited at the gateway to Munich and introduced to the site as an architectural artifact seen from the Autobahn laterally as a non-literal sign. The BMW Ecolodge is a research camp that demonstrates a relation to both BMW and the urban ecology of Munich using wind, geothermal, and solar energy concentrated in the interior courtyard. The design of a courtyard provides maximum south facia windows and privatized space for the inhabitants.



### BMW WAVE

Brandach, Germany

Alberto Varela  
The main concept of the BMW Ecolodge, located near Brandach, Germany, was the use of intelligent structure as in BMW design for a more efficient form. The form of the building was derived from a combination of design elements from the BMW aesthetic.

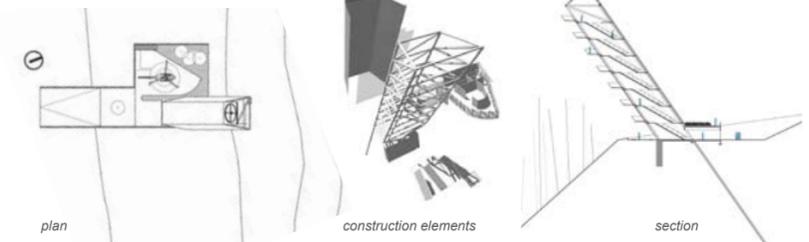
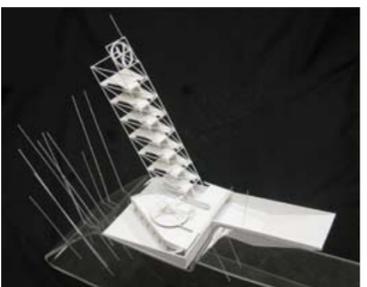


### LOGO-ECOlodge

Brenner Pass, Austrian Alps

Andrew Walker

The BMW ECOlodge is a research camp and is located along the famous Brenner Pass along the autobahn. The idea that the structure will become an island celebrating the natural systems of the Alps and the technological systems-the autobahn, the automobile, and the monumental bridge - as a spectacle. The lodge should fiction and showcase itself as a self-sustaining structure by integrating and adapting to the sites climatic patterns. Stucture becomes energy in this case.

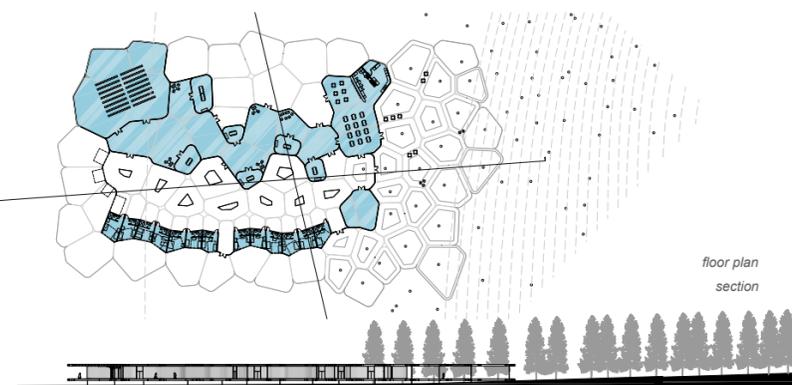


### Edge Dynamic

BMW EcoLodge near Ohlstadt Germany

Tristram Kesti

Just as the car reacts to the road and driving conditions, this building reacts to the environment. Establishing itself along an edge condition, it takes its tectonic cues from the landscape around it. Trees become the focal point as the building transitions across the edge, delineating program as a response to the transition and encouraging a work/live situation more connected with nature.



### Earth & Sky

Eloy, Arizona

Suzanne Snow

The BMW Ecolodge in the low desert draws porous boundaries between building, landscape, and night sky by forming the building from the earth of the site, while creating a cool sink below grade to create a comfortable microclimate despite the desert's extreme temperatures. Four cool towers offer a graceful landmark to the nearby interstate and communicate BMW's technological sophistication and commitment to environmental sustainability. From the Ecolodge, views of the western sky are intensified and framed for maximum dramatic impact while views of the immediate surroundings are minimized. The drought-resistant vegetation and gently graded landscape restore a site damaged by previous development and neglect.

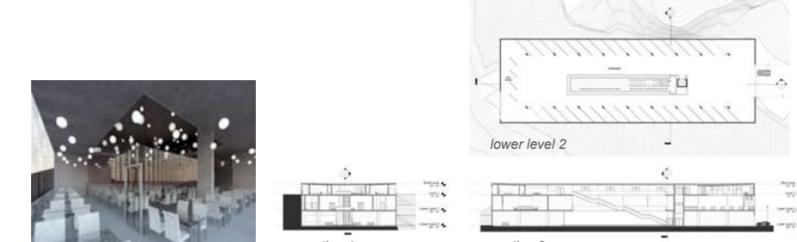


### Car Cloister in the Desert

Phoenix, AZ

Jen Pagel

Phoenix is a city of cars which is why it is a prime location for BMW. As one travels to the chosen site within the Phoenix Mountain Preserves, they travel from city to neighborhood to nature, similar to the ascension through the building, from public to private. This selected site is also ideal, because it was previously developed and allows for minimal destruction and restoration. The site allows for the building to be placed within the earth, one of the many ecological responses. The building is designed for energy generation and conservation. Using a simple form maximizes control over the harsh desert sun and creates opportunities for views to both the city and nature.

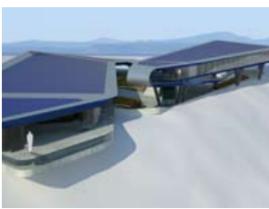
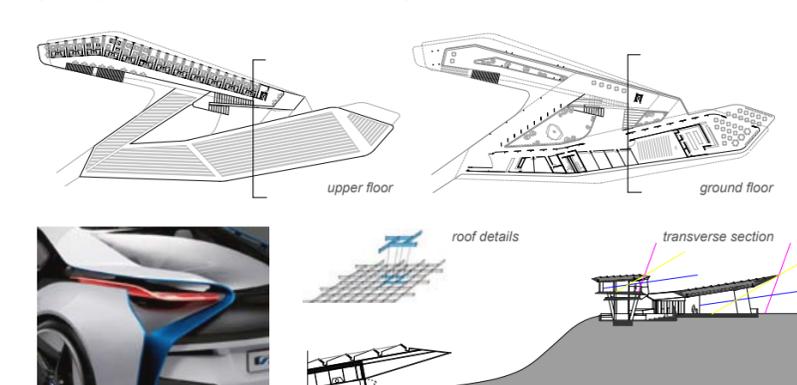


### Insolation Flux

BMW EcoLODGE: Taos County, NM

Vicente Castillo

Inspired by the BMW Vision Concept Car, the EcoLODGE seeks to bridge ecology and dynamic form. The design fosters a direct connection with the road and the Taos Plateau. Weaving across the hillside, it acts as an instrument to capture sunlight, photovoltaics and rainfall. The band forms a courtyard which acts as an informal gathering space and frames views of the surrounding landscape.



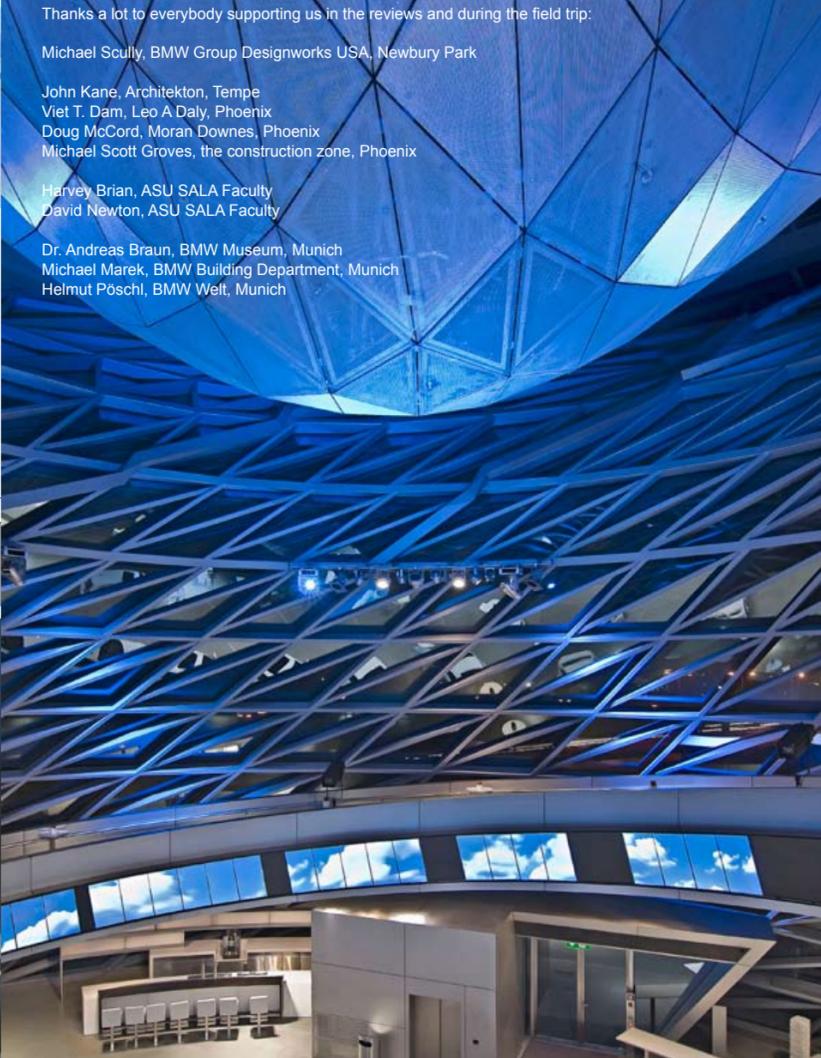
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The studio in front of the BMW Headquarters during the Munich Field Trip Sept 8th - 18th

