NATIVE PLANT SELECTION
GEOTHERMAL HEAT EXCHANGE SYSTEM
PHOTOVOLTAIC PANELS AND BI-FACIAL PHOTOVOLTAIC PANELS
VEGETABLE/EDUCATIONAL GARDENS
CROSS VENTILATION
RECLAIMED WATER FOR IRRIGATION
RIPARIAN CORRIDOR AS BIO-FILTRATION
REDUCTION OF HEAT ISLANDS
The solar panels at the entry are bifacial allowing students and community to learn about sustainable, renewable energy.
Playa Vista Elementary School, as seen from the bluffs of Loyola Marymount University with whom the school is partnered for teacher training and connects directly to the adjacent Discovery Park.
Natural light from the north defines the reading area at the library.
A custom graphic demonstrating tessellation patterns wraps the colorful multipurpose room. Large bi-fold doors at left, connect to the exterior.
Working with an education team from Loyola Marymount University, the standard LAUSD classroom was modified to maximize teacher flexibility where each wall was conceived as a teaching surface. Every classroom has expansive glazing for view and ventilation on at least two walls. Systems are exposed to teach students about building systems.
SUSTAINABILITY ICONOGRAPHY
A series of metal "alien like" symbols are inlaid into the concrete. The markers signify locations where the various sustainable strategies employed are exposed.