

THE PHAIDON ATLAS OF 21ST 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

38 Universities

8 International Airports



PHAIDON



90°

75°

60°

45°

30°

15°

0°

15°

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45°

60°

75°

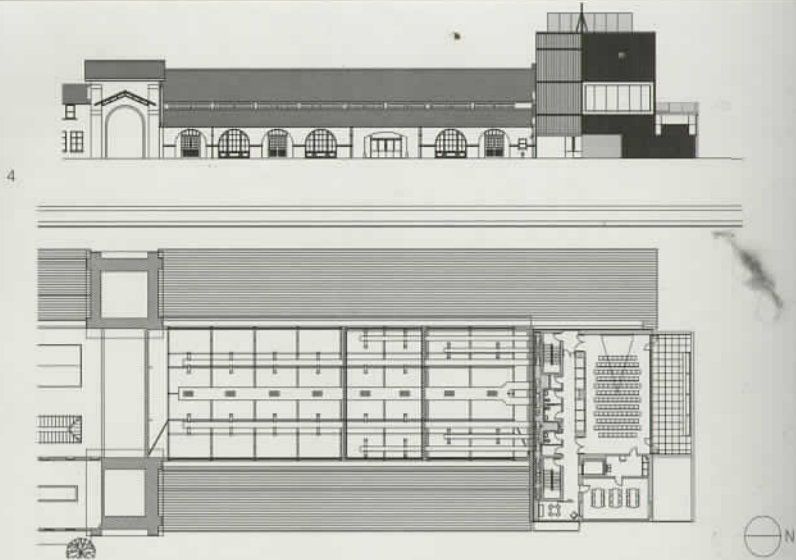
90°

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0853	San Diego, California, USA	Museum of Contemporary Art San Diego, Santa Fe Depot	Gluckman Mayner Architects	2007 CUL	0225 CUL Tokyo, Japan	0506 CUL Málaga, Spain
0854	Reno, Nevada, USA	Nevada Museum of Art	Will Bruder+Partners	2003 CUL	0858 RES Scottsdale, USA	

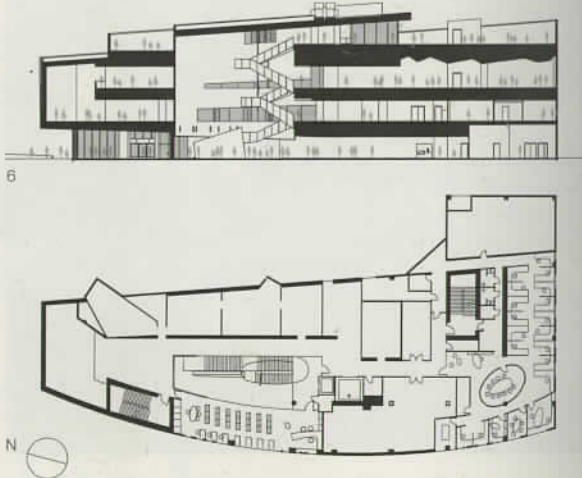


0853 This expanded satellite museum combines a historic railway baggage building with a new three-storey construction. It is situated in downtown San Diego in an area which has undergone revival since the 1980s. The museum was keen to both develop its presence here and expand its exhibition space. Adjacent is an important local landmark, the Santa Fe depot built in 1915, which continues to function as a transport hub. The most prominent element of the scheme is the brightly coloured addition. The exterior has a 3 m (10 ft) high board-marked concrete base, with corrugated metal and channel glass cladding panels above. This is a contemporary response to the historic depot buildings, which were constructed with a steel frame structure hidden by masonry walls. The metal, chosen to recall railcar box material, also creates a play of shadow and light similar to that of the existing terracotta roof tiles. This part of the museum accommodates offices, meeting rooms and other support spaces such as storage. All the mechanical equipment for both buildings is hidden on the roof behind the cladding, allowing the original steel roof trusses in the gallery spaces next door to be exposed. The museum's entrance and exhibition

spaces are in the restored baggage building. Associate architects Heritage Architecture and Planning worked on the restoration. Three large, day-lit galleries can function as a single space, or be subdivided by timber doors. There is also a small climate-controlled gallery for delicate works. New glass and aluminium storefronts are inserted in the historic facade, clearly marking the museum entrance. The exit near the tracks sits in a brick-paved arcade, where a site-specific Richard Serra sculpture is located.

- 1 View from northeast
- 2 Colonnaded arcade
- 3 Interior view of gallery space
- 4 East elevation
- 5 First-floor plan

Client
Museum of Contemporary Art San Diego
Area
2,548 m²/27,426 sq ft
Cost
US\$10,800,000
Coordinates
32.7165 -117.1700



0854 Reno is a desert town, more renowned for its casinos than its cultural buildings. The four-storey Nevada Museum of Art by Phoenix-based architect Will Bruder is inspired by the austerity of the nearby Black Rock Desert. The building has a black and white colour scheme both inside and out, in contrast to the neon facades of its downtown neighbours. In addition to providing over 1,393 m² (15,000 sq ft) of gallery space, the museum houses a 180-seat multimedia

theatre, a library, a museum shop and a café. The 250 m (820 ft) west-facing facade curves and tilts to between 5 and 12 degrees from vertical. Charcoal-grey zinc panels ribbed to various widths clad the structural steel frame, expressing the three main gallery levels as loosely stacked layers, with bands of windows in-between. The zinc absorbs the intense Nevada sun, and the building is engineered to shed this heat. To reduce construction costs, black-coloured stucco

covers the east facade, which is irregularly cut back and filled with glass panels to give views of the city, the desert and the Sierra Nevada mountain range. Visitors enter beneath the raked black ceiling of public spaces on the ground-floor and into a four-storey, sky-lit atrium. Suspended by a single beam anchored in the ceiling, a curving staircase leads to the upper levels. Internally, the third-floor gallery's curved wall and folded ceiling create spatial interest.

A highlight is the rooftop sculpture gallery. Here, the zinc panels project upwards to partially enclose the outdoor space.

- 1 Zinc cladding on west facade
- 2 View from northeast
- 3 View up through atrium
- 4 Gallery space interior
- 5 Rooftop sculpture gallery
- 6 Section through building
- 7 First-floor plan

Client
Nevada Museum of Art
Area
5,575 m²/60,009 sq ft
Cost
US\$12,000,000
Coordinates
39.5213 -119.8130

0858	Scottsdale, Arizona, USA	Loloma 5 Housing	Will Bruder+Partners	2004 RES	0854 CUL Reno, USA
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0859	Tubac, Arizona, USA	Tubac House	Rick Joy Architects	2000 RES	
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0858 Around 20 km (12.5 miles) south of the Frank Lloyd Wright Foundation in Taliesin West, past the country clubs and golf clubs surrounding the city of Scottsdale, is Loloma 5, a complex of five live/work units. The block sits on an urban infill site in an historic suburban area, making the most of views of Camelback Mountain to the northwest and the Papago Mountains to the southwest. Will Bruder is an important local architect living in one of the five units. This series of townhouses with office spaces

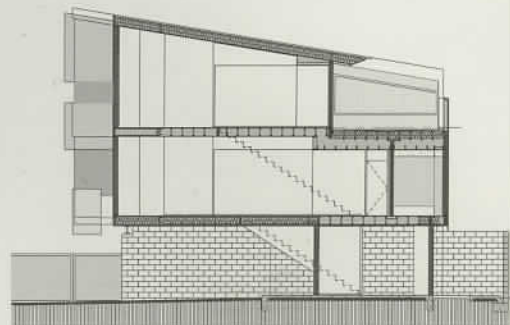
defies the local trend for large bungalows on ample sites. These spacious, multi-storey, airy homes compensate for the lack of horizontal spread, and provide a type of dwelling more often seen in densely inhabited cities. Although oriented to the north, the balconies slant to the north-west to catch a glimpse of the iconic Camelback Mountain. A roof terrace on the second floor is shaded to diffuse the desert light. Despite its urban typology, the construction materials relate the block of houses to its



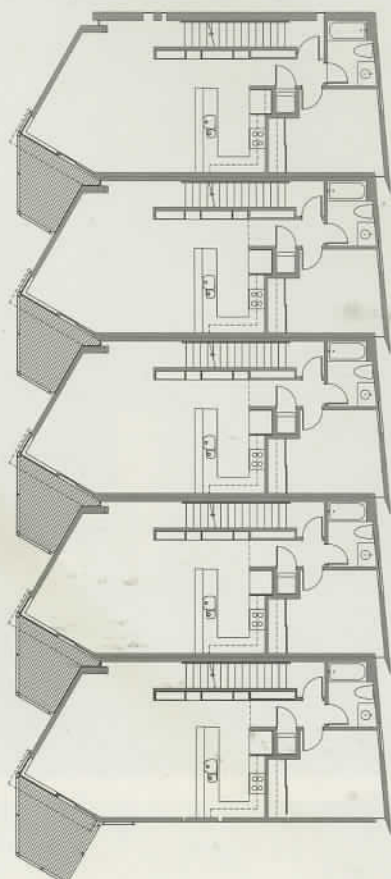
surrounding landscape. Corrugated steel is used in addition to sandblasted concrete masonry and zinc cladding, some of which was allowed to rust to create a colour palette appropriate to the desert setting.

- 1 View from northwest
- 2 Third-floor bedroom looking to Camelback Mountain
- 3 North facade of two units
- 4 Section through building
- 5 First-floor plan

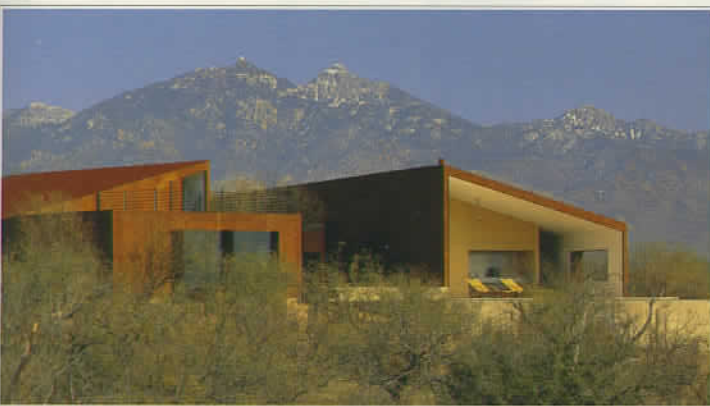
Client
Nicole Roberts, Loloma LLC
Area
720 m²/7,750 sq ft
Cost
US\$930,000
Coordinates
33.4906 -111.9280



4



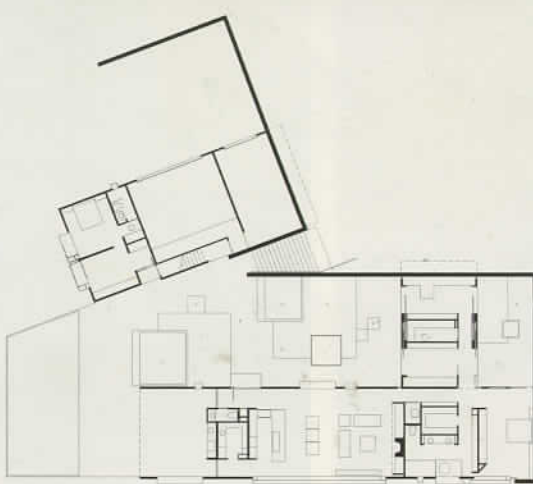
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5

0859 In the Sonoran desert outside Tucson, the Tubac House rests on a shallow shelf carved into a hillside. From the road, only the tops of its two shed-like forms are visible. One contains the main house, the other a workshop, garage and guesthouse. Each is characterized by a U-shaped, *in situ* cast concrete retaining wall. Between the two structures is a courtyard equal in size to the combined footprint of both buildings. Exterior walls and roofs are clad in panels of weathered steel – their ochre colour harmonizing with the surrounding landscape – and external doors are made from glass or maple framed with steel. Steel boxes protrude from the facades and form windows in an apparently random arrangement, but are in fact carefully placed to frame specific portions of the expansive landscape. The house is approached across a gravel driveway and through a garden of barrel cactuses. From here, a staircase wedged between two retaining walls leads down to the shady courtyard, at the west end of which a negative-edge pool looks out towards the desert. The refined palette of interior materials – white plaster, steel, maple and translucent glass – contrasts with the coarseness of weathered steel exterior to create a refuge from the harsh desert environment.

- 1 View from south
- 2 Facade detail with box windows
- 3 Pool and terrace overlooking desert
- 4 Living area
- 5 Ground-floor plan

Client
Confidential
Area
872 m²/8,900 sq ft
Cost
Confidential
Coordinates
31.6131 -111.0390