minimum / MAXIMUM
Program
-Site | 0.47 Acres, Blue Diamond, NV
-Unobstructed views of Red Rock Canyon and Blue Diamond Desert
-Programming Requirements
  -3,270 sf (livable), 1,260 sf (garage) = 4,530 sf overall
  -Three Bed, Three Bath, Powder, BOH (Laundry, Mud, Pantry), Living+Kitchen, Master Deck
  -Cost: Undisclosed

Concept
The site for minimum/maximum is one of those rare diamonds in the rough. Upon first viewing, the site seems cluttered in a maze of flora as it is layered with beautiful native plants and trees, but when one looks beyond that, it becomes clear that the site has some of the most panoramic and unobstructed views of Red Rock Canyon and Sandstone Bluff that one could ever hope for.

The initial question we were asked was how could we make the minimum impact to the existing lush landscape, while also maximizing the site’s picturesque views. After a few design charrettes, the solution became obvious. We elevated the main section above the desert landscape, leaving the landscape below and making the views of the desert backdrop even more dramatic. This created private zones for our client and unique open spaces that could be utilized with guests. Architecturally, our client wanted a concrete and steel glass “jewel box,” which we were happy to explore. The minimal forms contrast nicely against the dense vegetation and provide ample screening for adequate light diffusions through screen elements throughout the home. The materials will age and tell a story with time. Each year a new story will begin with a beautiful decay.
SUSTAINABLE DESIGN INTENT AND INNOVATION

- Minimal impact to the existing site with minimizing grade footprint
- Maximized views of the desert with innovative shading systems
- Reduce impact on native landscape, including re-vegetation to original intent
- Natural cross ventilation (passive heating/cooling) through operable windows/doors
- Natural daylight via large windows and sliding doors shielded by operable shade screens
- Existing trees provide natural shade
Concrete, weathered cor-ten steel, hot rolled steel, walnut, white oak, and soda glass. The primary materials were chosen for their straight forward approach to construction, durability, and relevance to the desert environment. The natural patina of the materials will compliment the existing site and contrast the minimal architectural design of the home. This will allow the natural vegetation to pop while the home blends into the site.
This aerial view shows the site in relationship to Las Vegas, Red Rock Canyon, Mt. Charleston, and Hoover Dam.
This aerial view shows the site in relationship to Blue Diamond. The site is lush with native desert plant life and the home has been designed in a way that minimizes the overall impact to the existing landscape, while maximizing the experience and unobstructed views to Red Rock Canyon.
EXISTING SITE AND NATIVE FLORA
FLOOR PLAN | Ground Level

GROUND LEVEL
1 GARAGE
2 BEDROOM
3 BATHROOM
4 PATIO
5 ZEN GARDEN
FLOOR PLAN | Main Level

MAIN LEVEL
1 ENTRY
2 LIVING
3 KITCHEN
4 DINING
5 BEDROOM
6 BATHROOM
7 VIEWING DECK
8 GREEN ROOF

RED ROCK CANYON NATIONAL CONSERVATION AREA
Visitors: 1.25 million
Area: 306.4 mi²

BLUE DIAMOND
Population: +/- 290
Area: 7.22 mi²

NVU17245

0 10' 25' 50'
RENDER | ENTRY APPROACH
RENDER | SIDE VIEW OF ENTRY BEYOND
RENDER | BIRDS EYE OF RED ROCK CANYON
RENDER | VIEWING DECK