The Engelstad Family Foundation believes in living investments and subscribes to the term philanthrocapitalism. The Foundation believes in investing in unrecognized human possibilities that are meant to change people's lives, while also making an impact to the local community. The Foundation has partnerships with select educational institutions, medical organizations, and non-profits in various sectors that are working every day to change people's lives for the better, after all, what else is there.

Architecturally, the contemporary industrial design of the Foundation ties in within the native environment, making an impact without any showboating. The geometry of the building pays homage to the surrounding Red Rock Mountain environment in subtle and simple ways with durable exterior materials (Blackened Steel, Concrete, Reclaimed Fir/Oak) that are meant to last the test of time and patina gracefully.

The refined brutalist exterior holds a chiseled jewel box inside with the indoor/outdoor materials contrasting soft fabric panel walls, burnished plaster, pietra grey stone, warm walnut, and earthy reclaimed wood cladding throughout. The exterior harmoniously engages with a lush native high desert environment by incorporating drought tolerant plants and trees, while also providing ample shading throughout. Importantly, the building’s design is very aware of the harsh desert climate it will live in and makes use of numerous natural sustainable technologies as described further in the packet. Functionally, the space will allow the Foundation to do even more as an incubator for social impact at a local, regional, and national level.

The Engelstad Family Foundation was created in 2002 by Ralph & Betty Engelstad for the purpose of partnering to create solutions in medical research, improving day to day living for people with disabilities and raising the possibilities for high risk individuals. In the past 13 years, Betty and Kris Engelstad have grown the Engelstad Family Foundation’s presence by focusing on education, healthcare, and childhood issues. Their contributions span the states of North Dakota, Mississippi, Utah, and Nevada.
Sustainable Design Intent and Innovation

1. **solar power**
   - Building-applied Photovoltaics are mounted on the garage roof as a grid-connected system.

2. **evaporative cooling**
   - The running fountain water introduces moisture to the dry desert air and creates a cool and serene exterior courtyard at the main entry.

3. **daylighting/ circadian health**
   - The design maximizes daylight and positively impacts the circadian system.

4. **natural ventilation**
   - Operable windows and a series of open courtyards allow for cross ventilation.

5. **thermal mass**
   - South facing 2'-0" thick concrete walls are used to heat and cool the building passively using thermal mass.
Materials

- PLASTER | BURNISHED
- PLASTER | TEXTURED
- WALNUT
- HOT ROLLED STEEL
- WEATHERED STEEL
- FORMED CONCRETE
- END GRAIN | PATTERN
- END GRAIN | BUTCHER BLOCK
- SHOU SUGI BAN
- HAND HEWN RECLAIMED WOOD
- RECLAIMED WHITE OAK
- SPLIT FACE BASALT
- MARBLE
- LIMESTONE
- MUTED POP COLORS
Programming and Analysis

- Main Building Volume
- Circulation & Public Space Dissection
- Identification of Canyon Flow
- Forming of Surrounding Cliffs (Program Volumes)
1 GARAGE
2 ENTRANCE
3 PARKING
4 WATER FEATURE
5 COURTYARD
6 GARDEN
7 ROCK GARDEN
Elevations

WEST ELEVATION

EAST ELEVATION
Section Perspectives

- Cross ventilation
- Deep overhangs for shading
- Natural daylight
- Evaporative cooling
- Deciduous trees for summer shading and winter direct gains
- Roof openings for cross & stack ventilation
- Shade screen
Exterior Entry
Exterior Private Courtyard
Exterior Deck
Interior Lobby
Interior Lobby
Interior Reception
Interior Lounge
Interior Office
Interior Office Suite
Interior Office Suite
Exterior Front