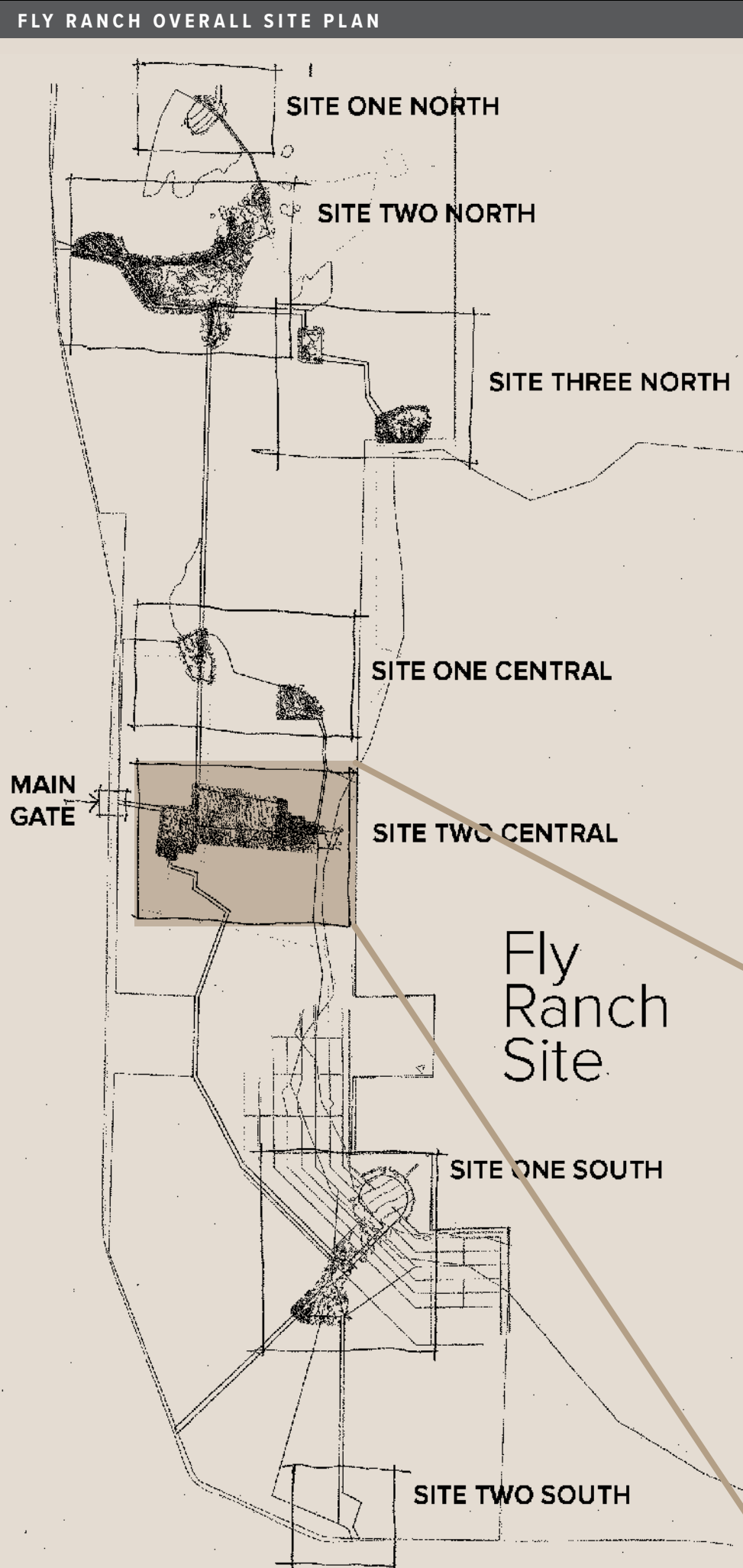


Fly Ranch: A Desert Oasis Created For Civilized Spaces to Teach, Learn, and Grow Year-Round

- Outdoor Venues
- Indoor Venues
- Classroom / Research
- Agriculture
- Operations Buildings
- Fresh Water Capturing
- Waste Water Solutions
- Electricity Generation
- Carbon Negative

Design Strategy
Each main hub of activity within the site will be designed to be independent of the other hubs. There are three main hubs: North, Central, and South. Each section will have power generation, storage, and distribution on site. Water storage, distribution, and treatment will also be on site. If an infrastructure service must be turned off for maintenance, other hubs of Fly Ranch will still be operational.

The North, Central, and South Zones will be independently powered with onsite solar arrays within each zone. Any power generated will be distributed through a microgrid. Utilizing microgrids allows each zone of Fly Ranch to operate independently by powering on-site infrastructure as needed, such as a wastewater treatment facility. Multiple wind generation technologies are available depending upon the final look and layout of Fly Ranch.



Fly Ranch Site 2 Central Facility — Conference Center / Research Facility / Exhibit Spaces

