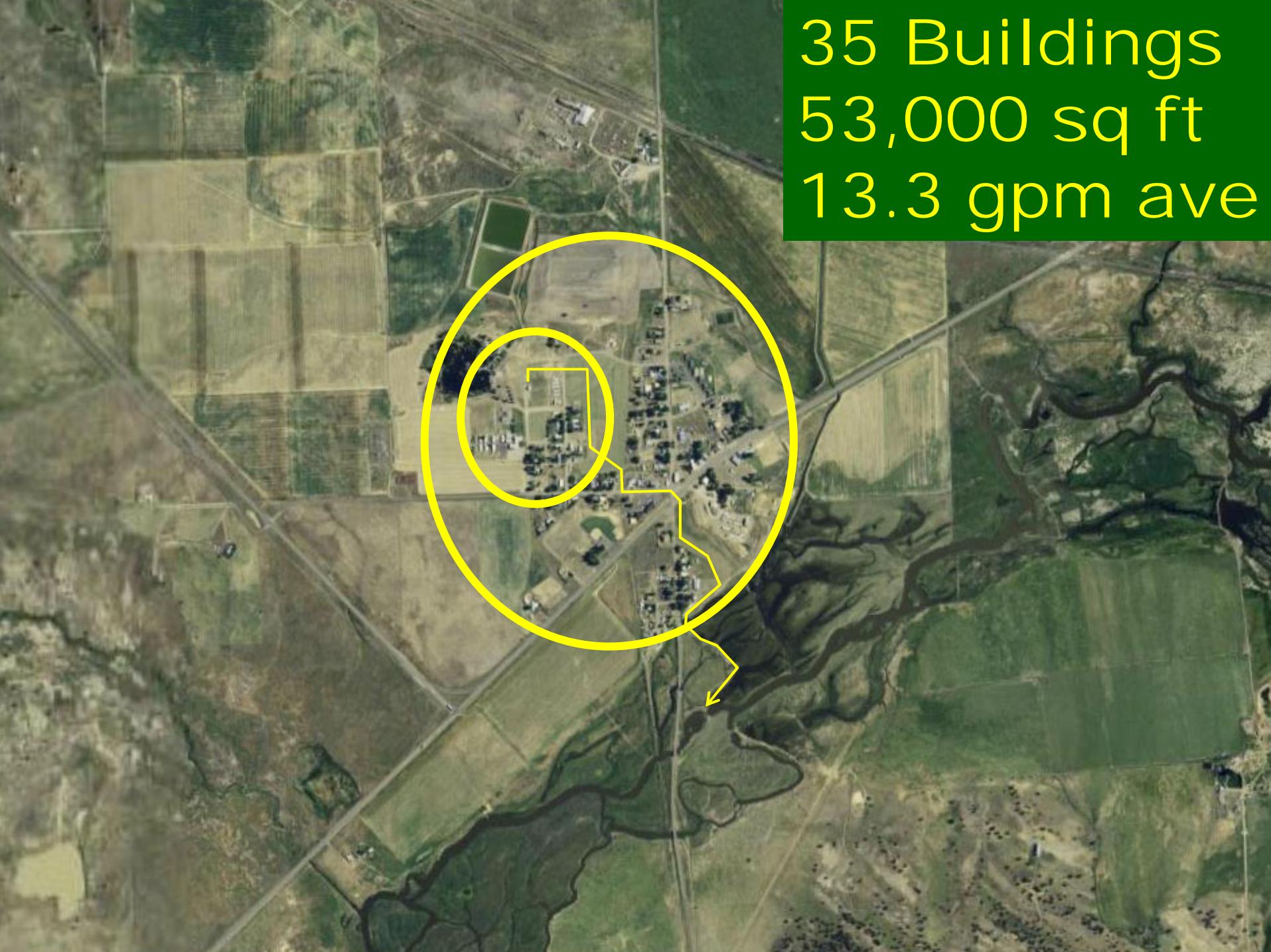


Ft. Bidwell Indian Reservation

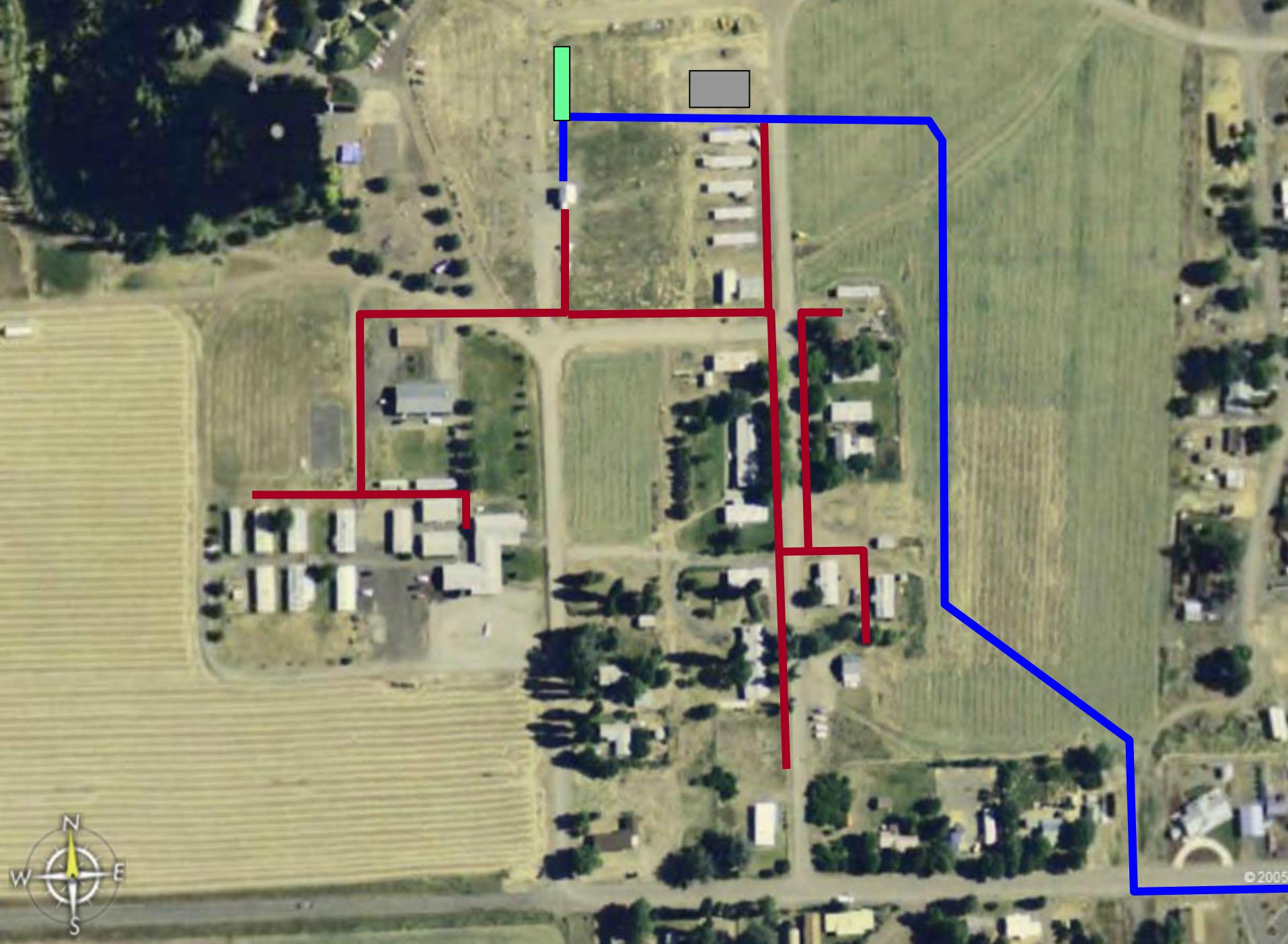
GEOTHERMAL

District Heating

Feasibility Study



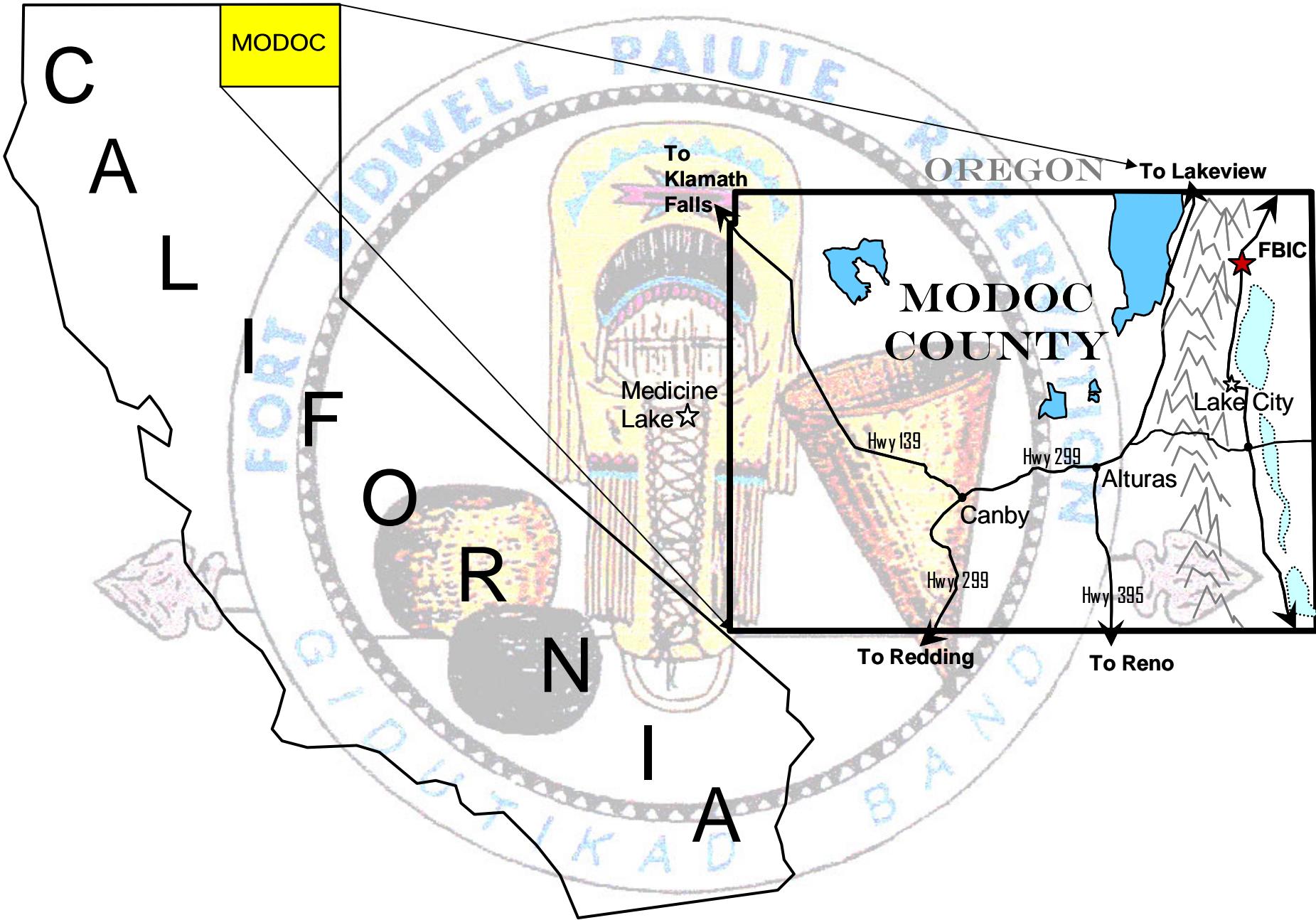
35 Buildings
53,000 sq ft
13.3 gpm ave



Pointer 41°26'42.38" N 120°52'29.42" W

Streaming ||| 100%

© 2005



TOUR Resource



Image © 2006 TerraMetrics
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Image © 2006 DigitalGlobe

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Resource



TOUR Resource

**Depth: 500 ft
Flow: 450 gpm
Temp: 116°F**



Image © 2006 TerraMetrics
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TOUR Resource

**Depth: 1260 ft
Flow: 1500 gpm
Temp: 96°F**

TOUR

2,500,000 Btu/hr - peak demand

14,000,000 Btu/hr – well capacity

**Depth: 2920 ft
Flow: 350 gpm
Temp: 198°F**



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GRC Annual Meeting, September 13, 2006

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Resource

TOUR Resource

Depth: ≈ 5500 ft
Flow: ??? gpm
Temp: $300+$ °F ?



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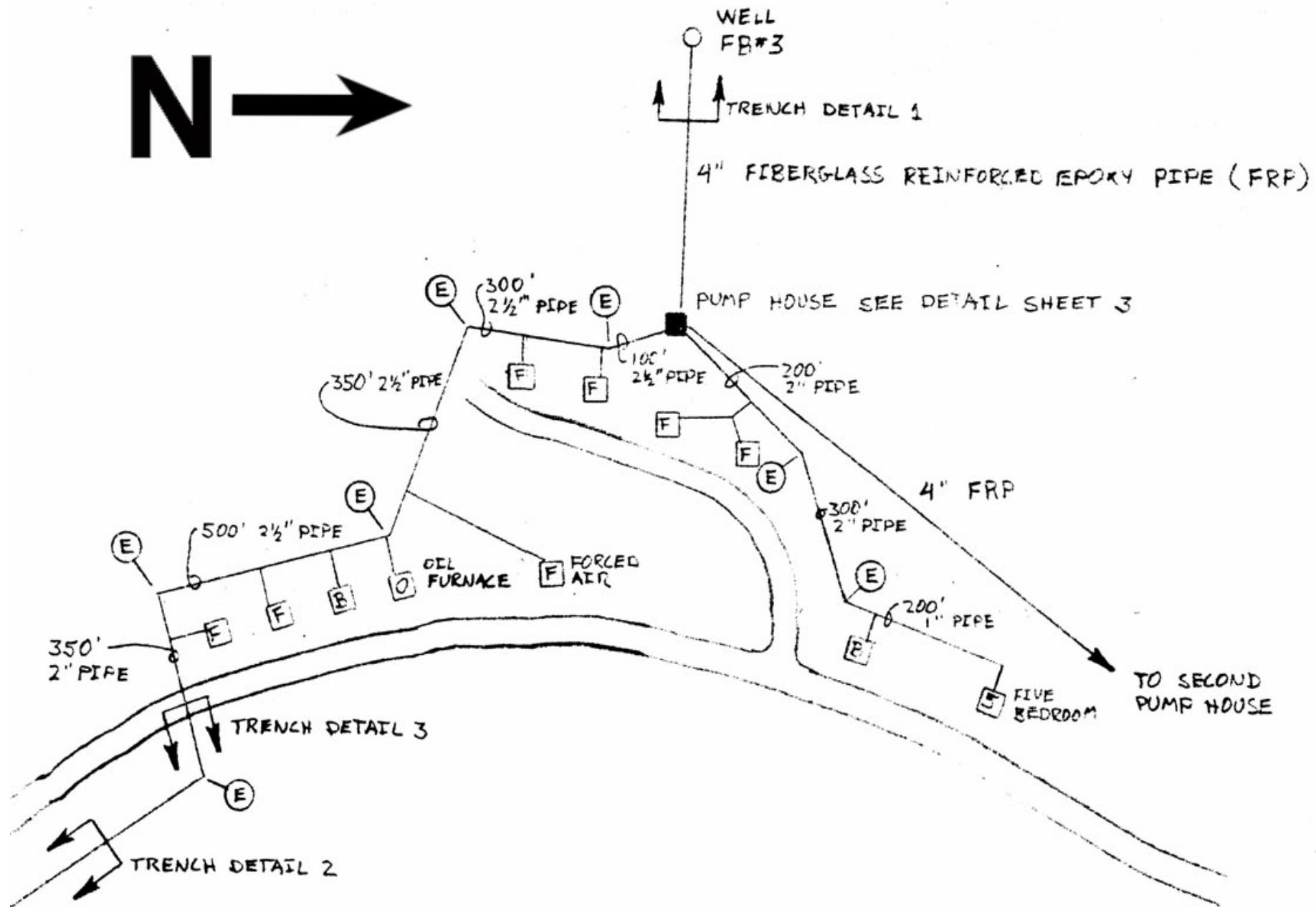
Image © 2006 DigitalGlobe

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Aerial satellite map of the Ft. Bidwell Indian Reservation. A yellow dashed line outlines the reservation boundary. Inside, a cluster of buildings is highlighted with a yellow dashed rectangle. Labels include "Hot Spring" at the top right and "Ft. Bidwell Indian Reservation" with a small icon below it. A large yellow arrow points from the text "3200 FT" towards the southern part of the reservation boundary.

3200 FT

56 Buildings
7 Tribal
49 Residential



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FB-4

FB-3

Hot Spring

Ft. Bidwell Indian Reservation



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- Building Identification and Heating Load Assessment
- Geothermal Resource Evaluation
- Technology Analysis and Preliminary System Design
- Environmental Evaluation
- Economic/Benefits Analysis
- Training, Professional Development, and Community Awareness
- Final Feasibility Report



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FINDINGS





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FORT BIDWELL INDIAN COMMUNITY CENTER

- SENIOR CENTER
- LEARNING CENTER

- MUSEUM
- ADMINISTRATION



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- Resource
 - Funding
 - Community Support
- 
- The seal of the Paiute Tribe of the Bitterroot Reservation is a circular emblem. The outer ring contains the text "PAIUTE TRIBE" at the top and "BITTERROOT RESERVATION" on the right side, with "QUA" and "TIKAD" partially visible on the left and bottom respectively. Inside the ring is a stylized illustration of a Native American figure holding a shield with a sunburst design. A bow and arrow are positioned behind the figure. Below the figure is a small circular emblem featuring a mountain scene.

