



Ramona Band of Cahuilla Indians

**Tribal DOE
Presentation
October 24, 2006**

Presented by:

Karen Kupcha

Tribal Administrator

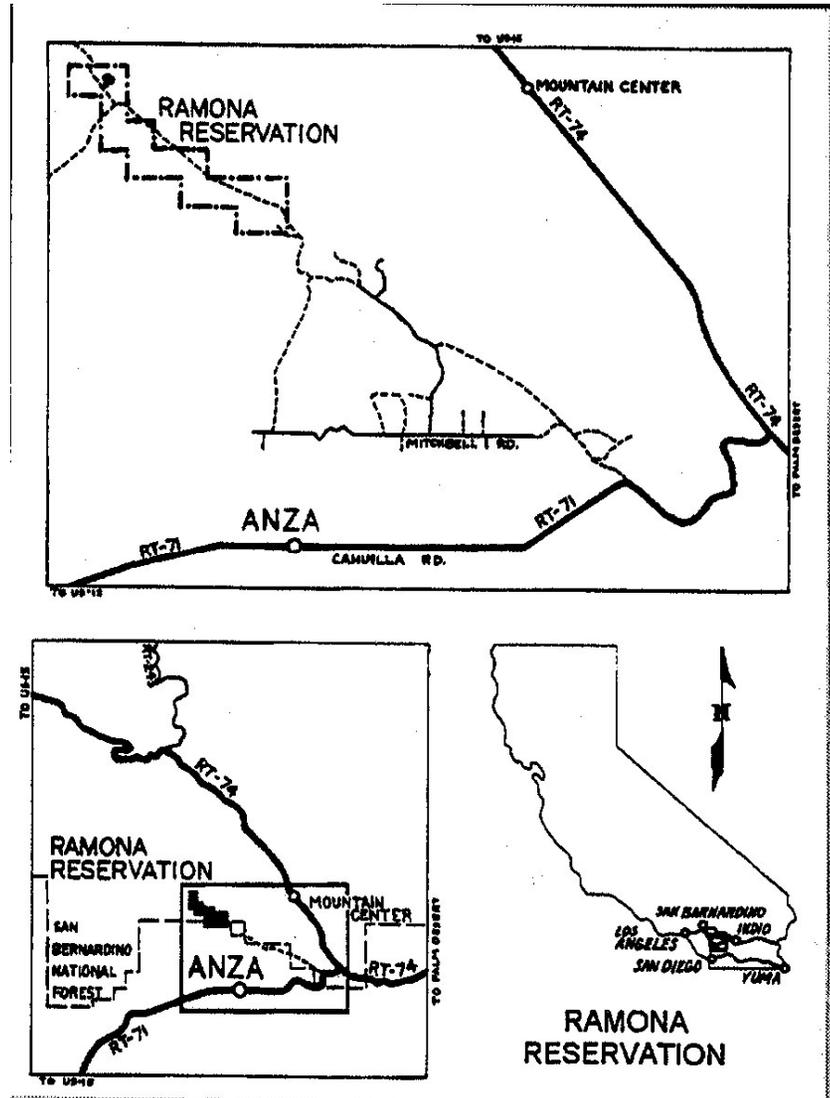


Ramona Tribe – Overview

- **ESTABLISHED 1883**
- **PLANNING BEGINS 1993**
- **ISSUES**
 - REMOTE AND RURAL**
 - LAND LOCKED**
 - UTILITY COSTS ARE PROHIBITIVE**

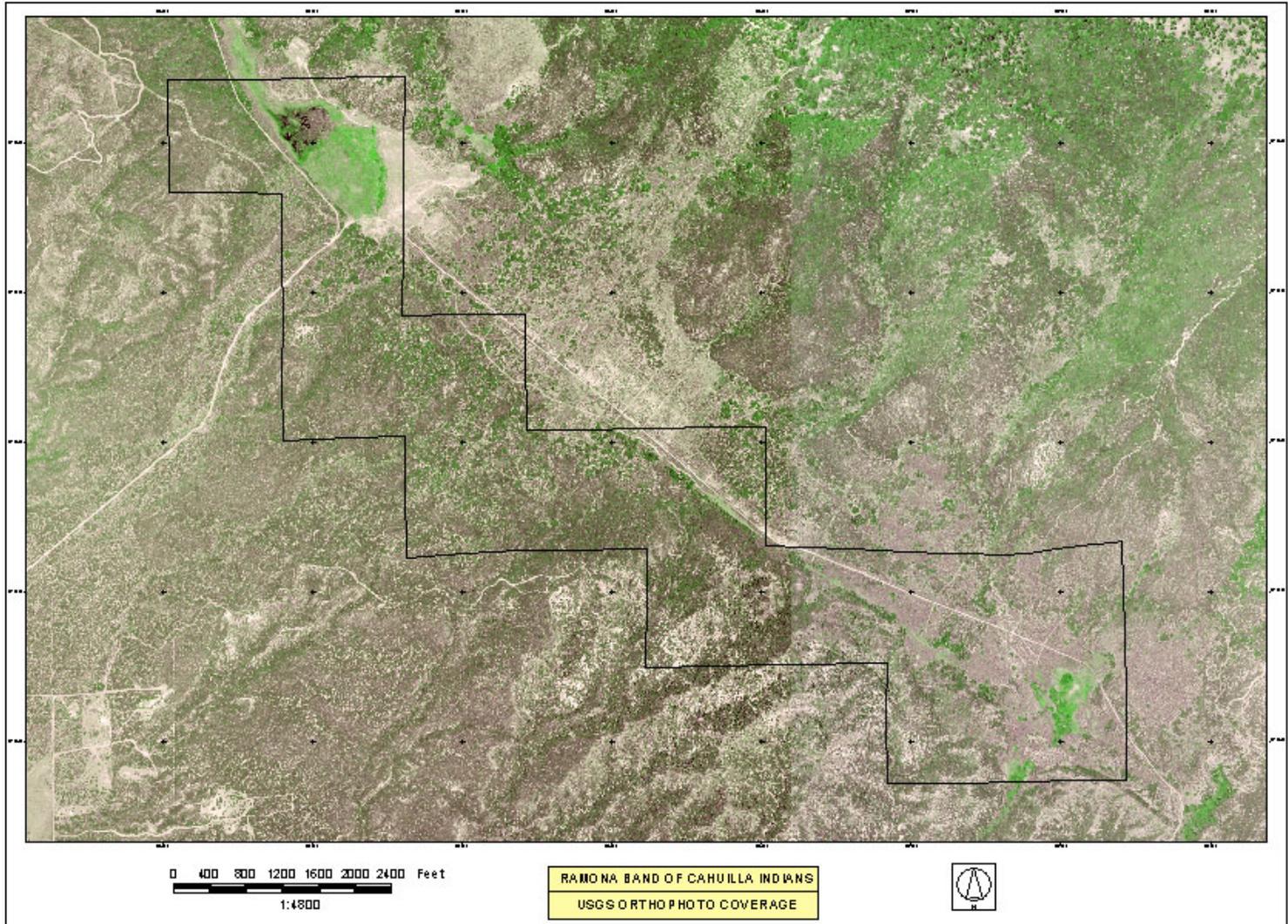


RAMONA LOCATION





RAMONA LOCATION





PROJECT PARTICIPANTS

- **AGENCIES**

TRIBE – SUPPLEMENTAL FUNDING

DOE – ECOTOURISM POWER

HUD CDBG – ECOLODGE

USDA RD - ECOTENTS

BOR – ECOTOURISM WATER

U.S. FOREST SERVICE – ROAD ACCESS



RAMONA PROJECT OBJECTIVE

- **TO PROVIDE POWER TO THE TRIBE'S ECOTOURISM BUSINESS VIA ALTERNATIVE ENERGY TECHNOLOGIES**



ECOTOURISM PROJECT POWER BUILDING





POWER BUILDING FRONT VIEW





POWER BUILDING SIDE VIEW





ABSOLYTE IIP BATTERIES



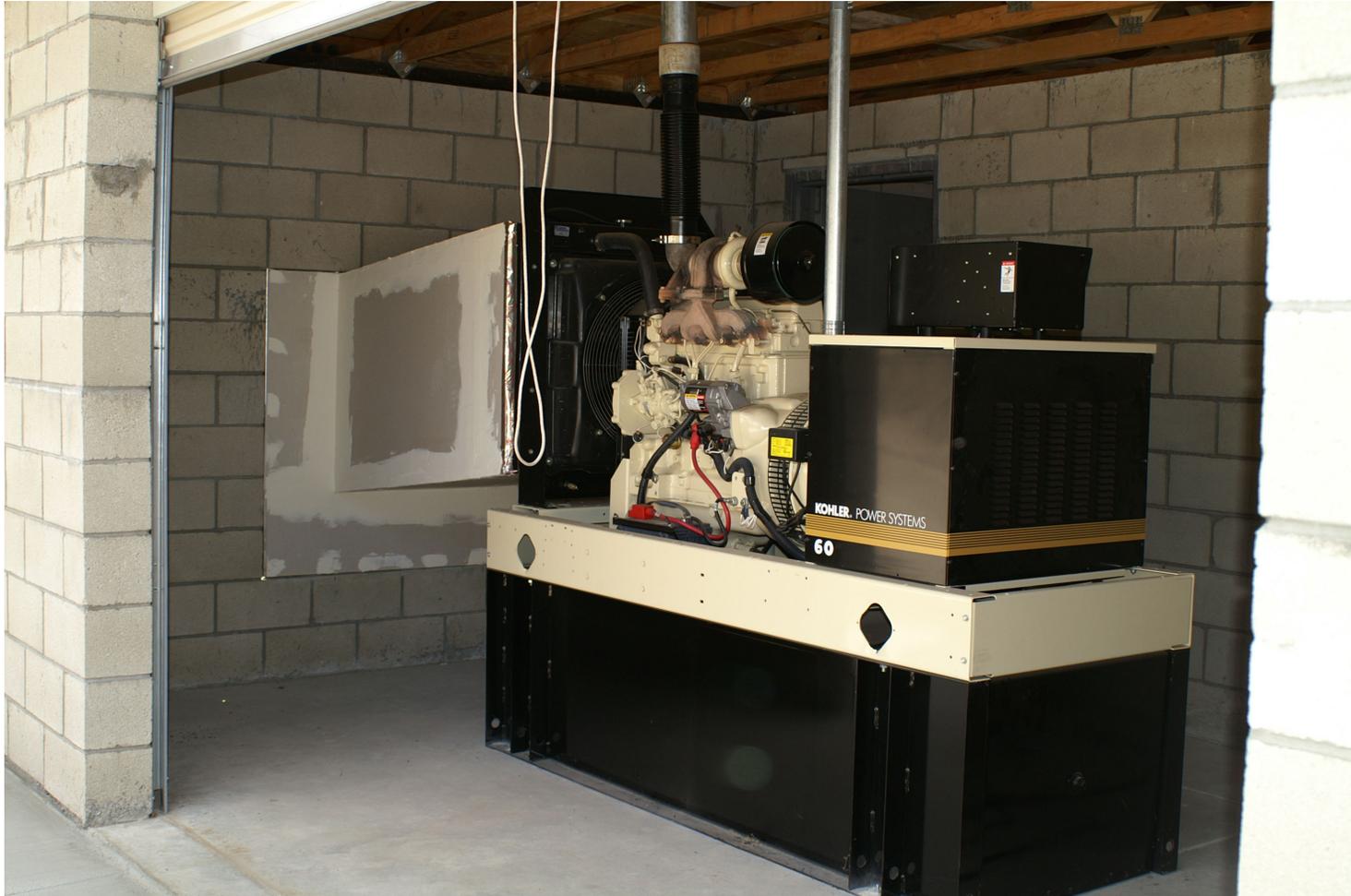


OUTBACK INVERTERS/CHARGERS





KOHLER 60HZ GENERATOR



EVERGREEN SOLAR CEDAR LINE PHOTOVOLTAIC MODULES EC-100 SERIES





SOLAR PANELS – SIDE VIEW





SOLAR PANELS – FRONT VIEW





SOLAR PANELS – SIDE VIEW



RAMONA ECOTENTS

Completion Date November, 2006
Funded by USDA Rural Development





Ramona Ecotents





ECOTENT SKYLIGHT OPENING





TECHNICAL/MANAGEMENT ISSUES

- **RETENTION OF PROJECT MANAGEMENT STAFF**
- **LOSS OF TECHNICAL CONSULTANT**
- **COORDINATION OF MULTI-AGENCIES WHICH SLOWS PROJECT PROGRESS**

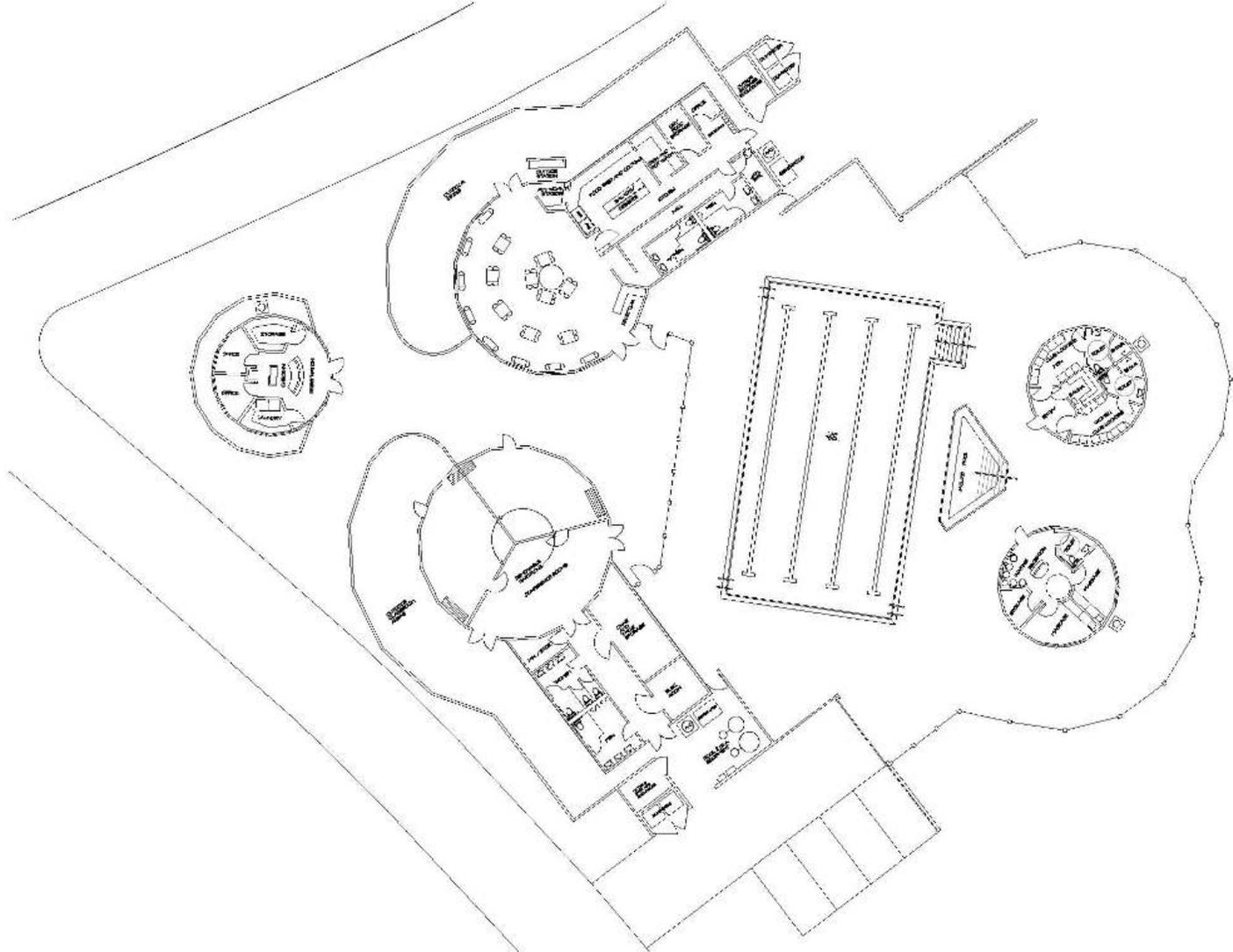


ACTIVITIES REMAINING

- **EXTEND LINES FROM POWER BUILDING TO ECOTENTS**
- **EXTEND LINES TO THE WATER SYSTEM**
- **EXTEND LINES TO THE ECOLODGE (RESTAURANT, EDUCATION CENTER, CONFERENCE CENTER, OFFICES, RESERVATION OFFICE, GIFT SHOP, ETC.) WHEN COMPLETE (SCHEDULED FOR FALL OF 2007)**



ECOLOGDGE – TRAINING CENTER, RESTAURANT, OFFICES/REGISTRATION, & GIFT SHOP





FUTURE PLANS

- **BUILD OUT OF THE ECOTOURISM DESTINATION RESORT INCLUDING ACQUIRING ADDITIONAL FINANCING**
- **DEVELOP ECOTOURISM PROGRAMS**
 - ALTERNATIVE ENERGY EDUCATION**
 - CULTURAL – LANGUAGE, BASKETRY, & POTTERY**
 - HERBOLOGY**
 - CO-MANAGEMENT WITH U.S. FOREST SERVICE AND BLM**