

Featured Project

Fern Gardens Alzheimer's Center

Medford, Oregon

ArcSine Engineering prepared contract drawings for mechanical, electrical, plumbing (MEP), and lighting designs for a 30,000-square-foot residential Alzheimer's center.

Project requirements called for MEP and lighting design for a variety of space configurations, including:

- Patient rooms.
- Nurse stations.
- Living and dining room areas.
- Laundry facilities.
- Commercial-style kitchen.
- Common areas (lobby, corridors, restrooms, etc.).

Electrical
Mechanical
Lighting
Power Distribution
Construction Support
Energy Calculations
Plumbing
Utility Coordination

The project included:

- HVAC and lighting designs in patient rooms tailored to a residential-style appearance.
- Architect and Owner required HVAC split systems, incorporating economizers to meet Oregon Energy Code requirements.
- Design of a standby generator and automatic transfer switch.
- Building exterior, parking lot, and site lighting. The lighting style selected for this building set the example for the entire campus.

