



LEED-CI

RIVERHOUSE

ON THE DESCHUTES

The Riverhouse Convention Center

LEED Innovation Summary

- Established Public/Private partnership for the construction of storm water collection/storage facilities serving the building and adjoining public ROW and the new Mt. Washington Drive bridge without using dry wells or drainage into the Deschutes River.
- Reduced irrigation requirements by more than 50%; by preserving existing native areas, using automatically controlled drip and micro-emitter watering systems and by extensive use of native drought tolerant plant varieties.
- Reduced on-site parking and impervious hard surface area by sharing available parking spaces throughout The Riverhouse Hotel and Resort.
- Implemented a sophisticated computer controlled Crestron dimming system for all lighting in the building. The typical conference room has 8 or more separate lighting zones and can be illuminated using 20 to 45% less energy.
- HVAC systems are all high efficiency package units with built-in economizers controlled via a computerized building management system and event based programming.
- Large Ponderosa Pine trees that were removed within the building footprint were milled locally and reused as exterior columns and arbors. Existing rock from the site was reused in landscape and water features.
- Low VOC materials were used in all interior finish materials, carpet flooring, wall fabrics and wall carpet on movable sound wall partitions.
- Aggressive recycling programs were put in place including implementation of the first program in Oregon for the recycle of gypsum board. This included diverting more than 50% of the construction waste from the landfills.
- Reduced potable water use by more than 20% using automatic sensors and low flow controls on all rest room fixtures.
- Used more than 20% “regionally manufactured” building materials thereby reducing transport costs and emissions.
- Provided automatic day lighting controls and sensors in office areas.