

SOUTHERN OREGON CHAPTER AIA
Regular Monthly Meeting
October 17, 2007

The meeting was called to order at 12:00 pm in Room 340 of the Medford City Hall. Members Jeffrey Bender, Allen Crutcher, Steve Ennis, Brian Hawkins, Joanne Krippaehne, Mark McKechnie, Bruce Richey, James Robillard, Stuart Smith, Doug Snider, Dave Straus, Beverly Thruston, David Thruston, associate member Thomas Whitney and Theodore Mularz, Emeritus Member were present. Guests included Roger Thom, Tom Marineau, B. Carpenter, Don McCoy and Jason Zook.

Mark McKechnie asked members to consider contributing to PAC. He noted that AIA strongly supports Measure 49.

Program: Light Gauge Steel Construction

Presented by Nabil Taha, P.E. and Don McCoy

Examples of Light Gauge Steel Projects were given. Some advantages were:

- Cost effective
- Pest proof
- Rot proof
- Higher quality
- Fireproof
- Material is recyclable
- Stronger than wood
- Lower maintenance

Showed several examples of house fires including one with wood construction and one with steel construction.

Fabrication: One machine can fabricate floor, wall and roof members. Described the framing connections such as headers, beams, etc.

Example Residence: McCoy described the construction of a steel framed house in Medford. Four inches of extruded polystyrene insulation was applied to the exterior. Tested air change was 2.7/hr.

Earth Advantage and Energy Star programs were described.

Showed examples of apartment complexes constructed of light gauge steel members.

Current Oregon Residential Code has prescriptive method for light gauge steel members.

Questions and answers followed the presentation.

The meeting was adjourned at 1:10 pm.

The Chapter will submit to the AIA for Learning Unit credits.

Submitted by Bruce Richey, AIA, Chapter Secretary.