The American Indian Housing Initiative

Completed Projects

2004: Technology Center
Northern Cheyenne Reservation, Montana

2004: Sweat Lodge
Northern Cheyenne Reservation, Montana

2003: Demonstration Home
Northern Cheyenne Reservation, Montana

2002: Adult Education Center
Northern Cheyenne Reservation, Montana

2001: Bear Quiver Residence
Northern Cheyenne Reservation, Montana

2000: Fast Wolf Residence
Pine Ridge Reservation, South Dakota

1999: White Residence
Crow Reservation, Montana
2004: **Technology Center**
Northern Cheyenne Reservation, Montana
Size: 4800 SF
Cost: $140,000

- **Day Lighting with Polycarbonate Glazing** system provides an energy efficient solution for day lighting.
- **Cellulose Insulation** made from recycled newspaper is safe & effective, and recycles a waste product.
- **Wheat Board** finish surfaces covered with PrimeBoard, a panel product made from straw.
- **Radiant Floor Heating** used to reduce concrete required in foundation.
- **Structurally Insulated Panel** roof construction increases energy efficiency and reduces material use.
- **Reflective Surfaces** maximize use of daylight.
- **Low VOC Paint** minimizes harmful and unhealthy air contaminants.
- **Straw Bale Walls** straw bales are stacked and strapped together to form sturdy, insulating walls.

2004: **Sweat Lodge**
Northern Cheyenne Reservation, Montana
Size: 20’ outside, 18’ inside diameter
Cost: $3500

- **Re-Use of Existing Foundation and Frame** reusing the existing steel frame and foundation saves materials, money, & energy.
- **Original structure and frame** with new construction.

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[Image sources: American Indian Housing Initiative]
2003: Demonstration Home
Northern Cheyenne Reservation, Montana
Size: 1100 SF
Cost: $51,000

Strawbale Walls
Durable and highly insulating, easy to construct

Structural Insulated (SIP) Roof Panels
High insulation value, minimize wood framing

Energy Efficient Windows
Reduce heating costs

Healthy Paint and Finish Materials
Reduce health risks from toxic materials

Insulated Concrete Forms
Reduces concrete needed in foundation, save energy

Radiant Floor Heating
Energy efficient and comfortable

2002: Adult Education Center
Northern Cheyenne Reservation
Lame Deer, Montana
Size: 1600 SF
Cost: $102,000
2001: **Bear Quiver Residence**
Northern Cheyenne Reservation
Busby, Montana
Size: 2100 SF
Cost: $65,000

2000: **Fast Wolf Residence**
Pine Ridge Reservation
Red Shirt, South Dakota
Size: 1600 SF
Cost: $45,000

1999: **White Residence**
Crow Reservation
Crow Agency, Montana
Size: 1100 SF
Cost: $58,000