

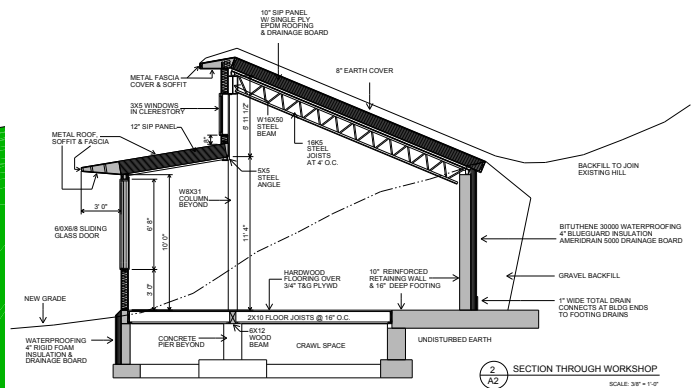
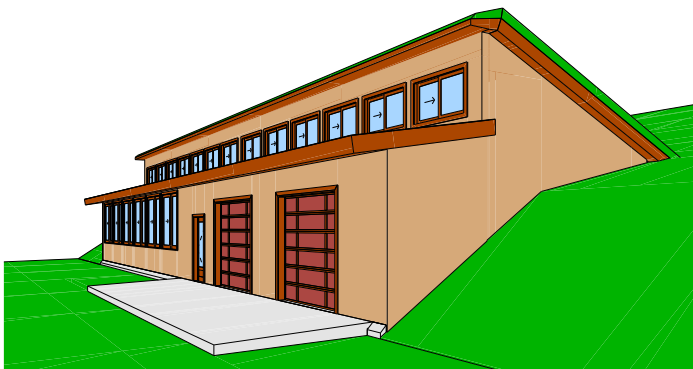
Gendler New Earth Sheltered Woodworking Shop & Garage

Description: New Passive Solar Earth Sheltered Woodworking Shop & 2 Car Garage, 2,006 SF

Location: Elk Township, Lake County, Michigan

Cost: \$150,000

Under-Construction: 2009-10



Gendler New Earth Sheltered Woodworking Shop & 2 Car Garage

The Owner, who is a master woodworking artist and craftsman who builds wonderful wood art objects and furniture, wished to build a New Passive Solar Earth Sheltered Woodworking Shop with an attached 2 Car Garage on his property near his residence overlooking the Manistee River in Elk Township, Lake County, MI.

The design solution included a large reinforced poured concrete retaining wall and footings on the north side to hold back the south sloping hillside it was built into, double glazed low-E south facing operable windows with operable clerestory windows above and an exterior superinsulated concrete building shell.

The woodworking shop has a wood floor over a crawl space to allow for wiring, heating ducts and relocatable sawdust collecting ducts for power woodworking equipment.

Building Attributes

- New Passive Solar Earth Sheltered Woodworking Shop
- New Attached 2 Car Garage
- Highly Insulated Building Shell
- New Double Glazed Low-E Wdws.
- New Treated Wood Siding