

Fresnel Thermoelectric Generator System

Design and Operation

Material Technology

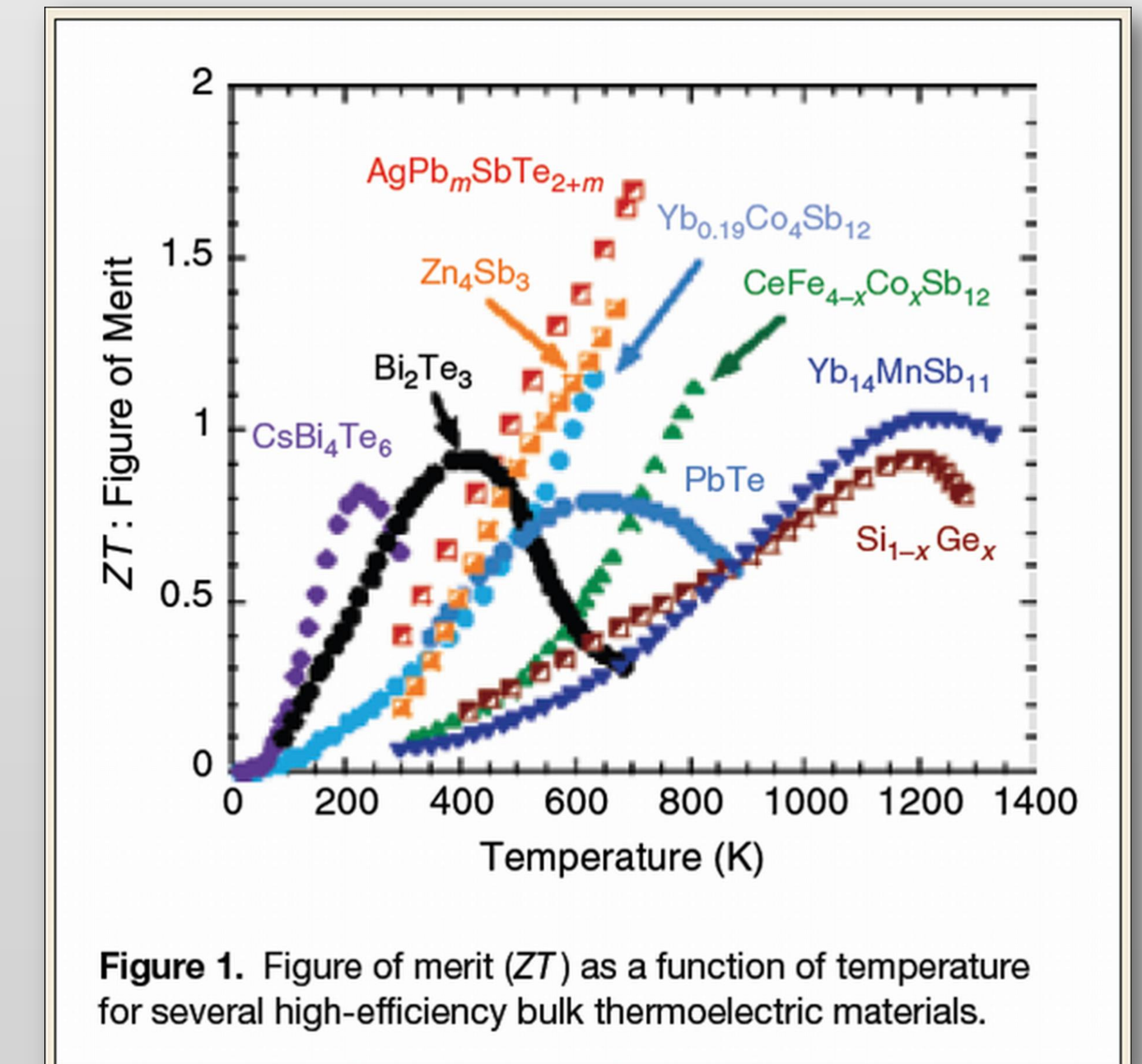
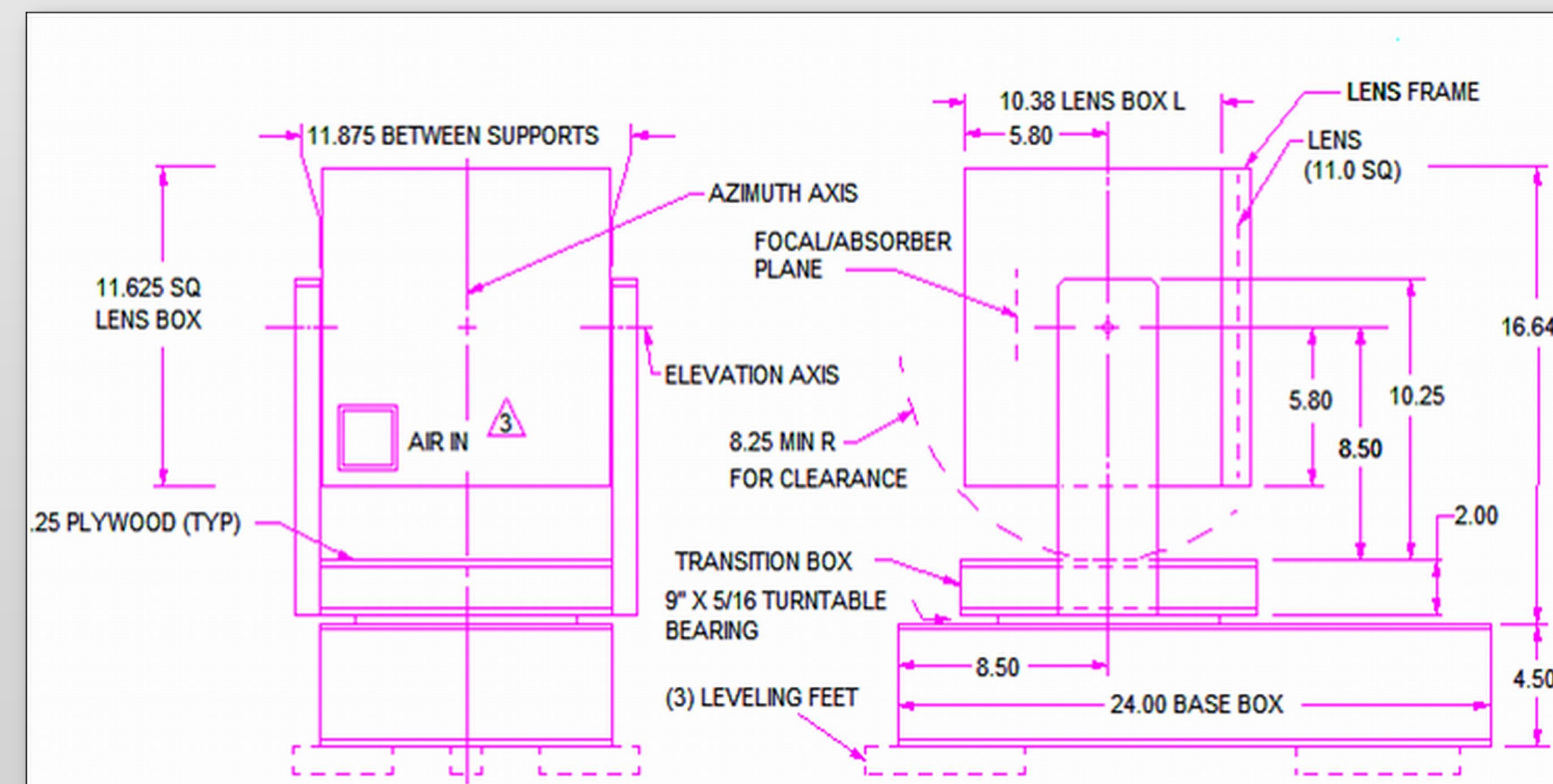
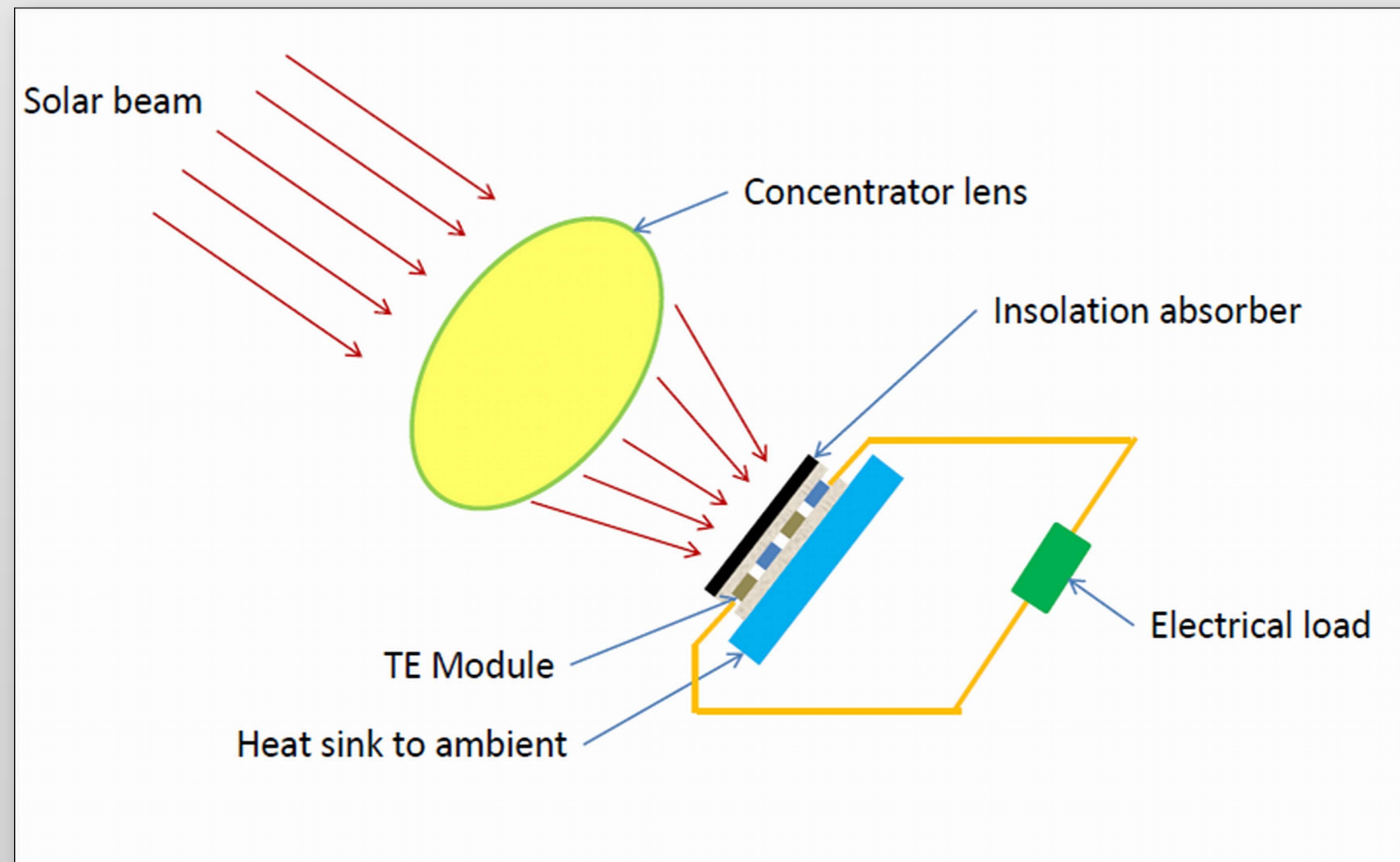
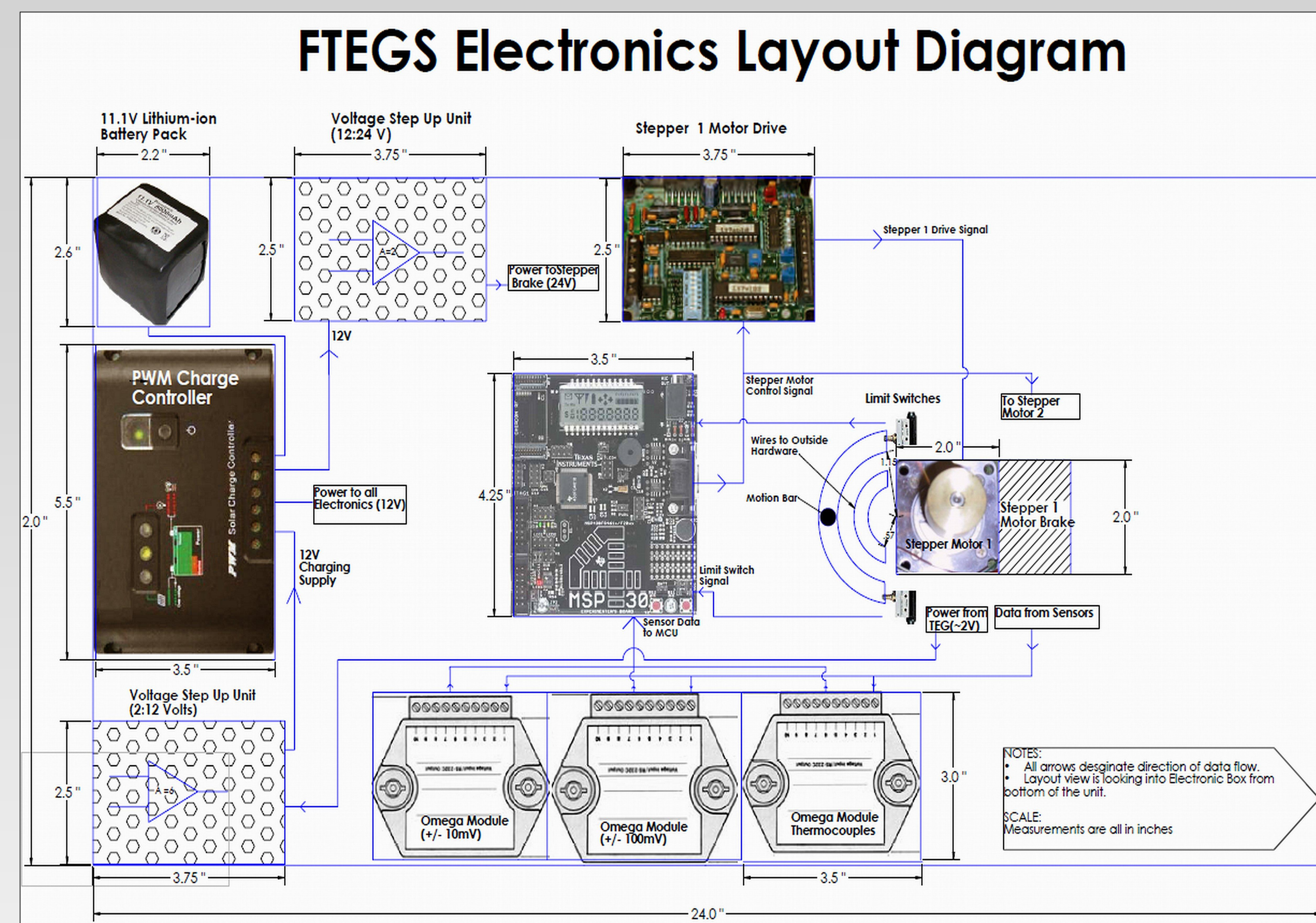


Figure 1. Figure of merit (ZT) as a function of temperature for several high-efficiency bulk thermoelectric materials.

Our Goal

Building a self-sustainable power system that can be deployed anywhere in the world.

Our system tracks the sun throughout the day and uses a Fresnel lens to focus solar energy onto a thermoelectric plate, converting that energy and storing it in a battery for later use.



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