

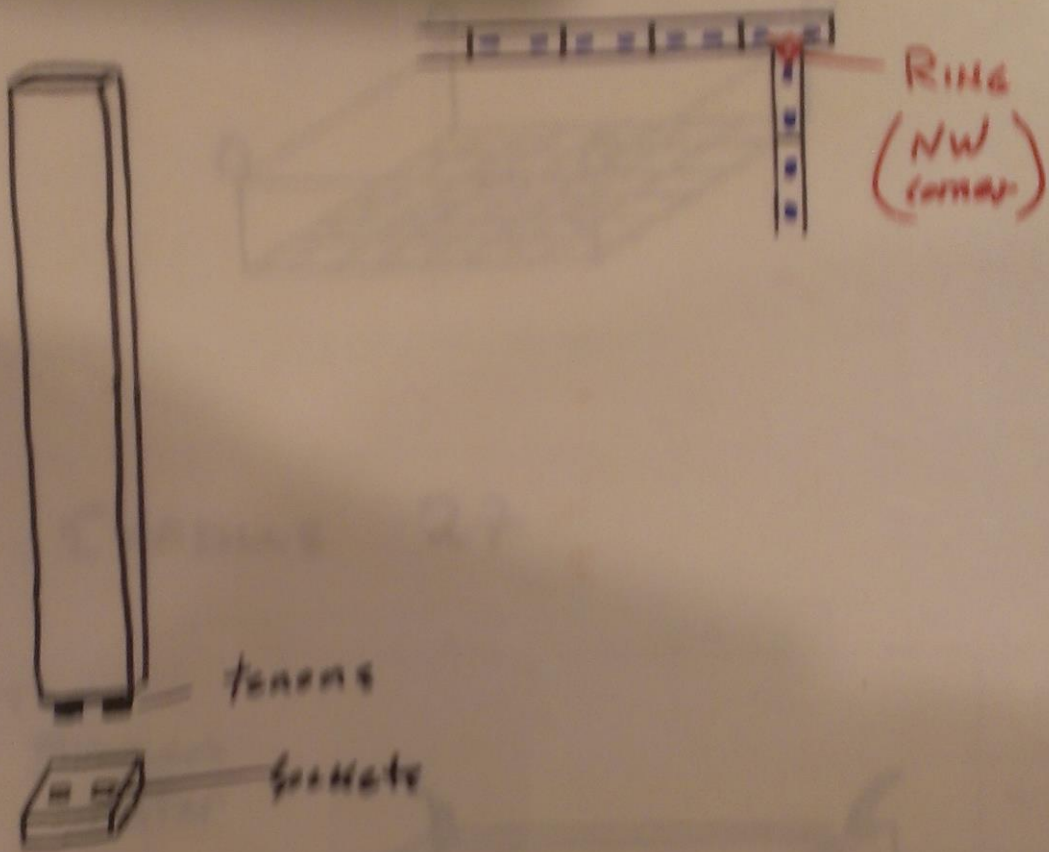


EXODUS 40

Tabernacle - assembled and
anointed

- ✓
1-16 the command
- 17-33 the completion
- 34-38 the cloud

EXODUS 26



- Badgers skins
- Reddish skin
- Goats skins
- Fine twisted linen



Gold

Gold is a chemical element with the symbol **Au** (L. *aurum*).

atomic number 79 atomic weight 197 nb [7+9+1+9+7=33]

Gold has only one stable naturally occurring isotope.

[36 radio isotopes have been synthesized, e.g. ^{171}Au , with $t_{1/2} = 30 \text{ microsec}$]

It is a metal : dense, soft, both malleable and ductile.

Malleability - a material's ability to deform under compressive stress; e.g. the material's ability to form a thin sheet by hammering or rolling.

Ductility - a solid material's ability to deform under tensile stress; e.g. the material's ability to be stretched into a wire.

Ductility and malleability are not always coextensive - for instance, lead has high malleability but low ductility.

Gold is the most malleable of all metals.

A single gram can be beaten into a sheet of 1 square meter;

An ounce (28 grams) into 300 square feet.

Gold leaf can be beaten thin enough to become transparent. The transmitted light appears greenish blue, because gold strongly reflects yellow and red.

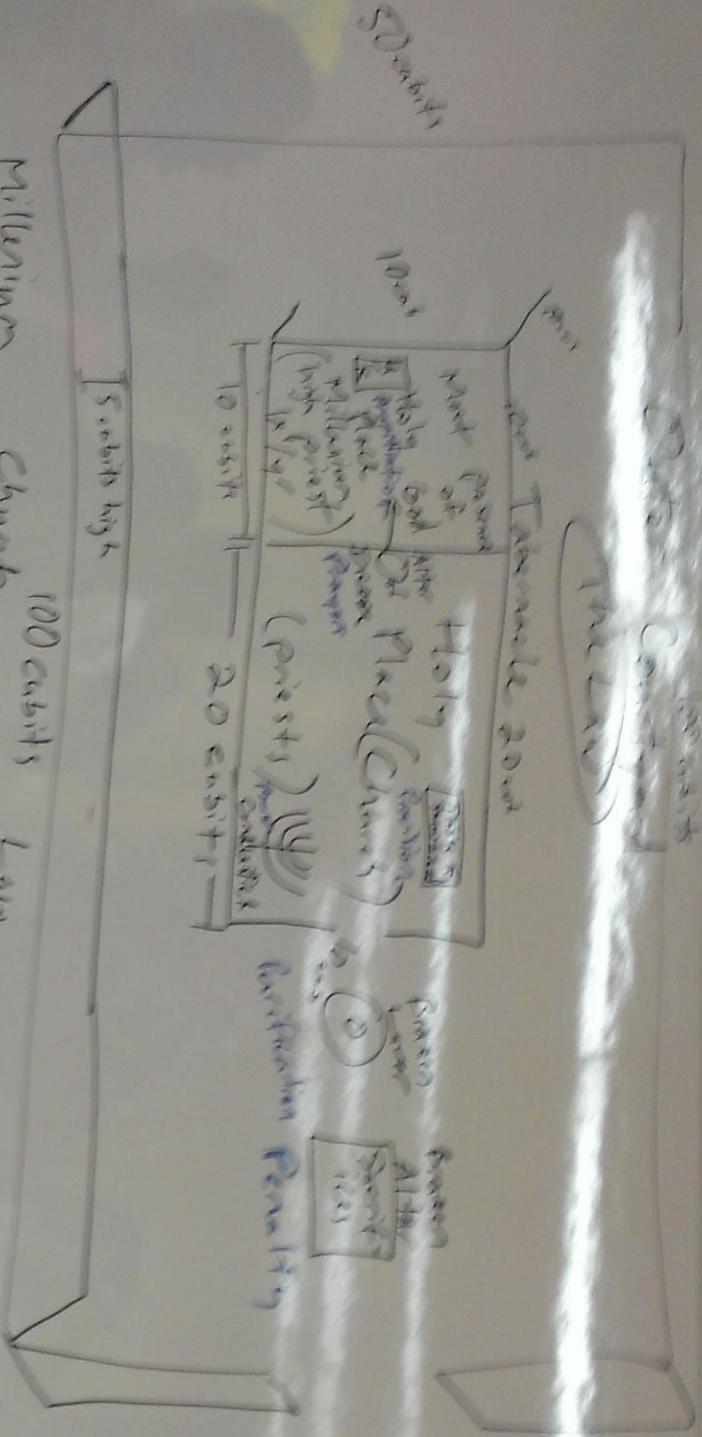
The metal therefore occurs often in free elemental (native) form, as nuggets or grains, in rocks, in veins and in alluvial deposits (L. *to wash against*).

Whereas most other pure metals are gray or silvery white,

gold has a bright yellow color and luster.

Gold resists attacks by individual acids.

It's properties remain without tarnishing when exposed to air or water.



Millennium
 $10 \times 10 \times 10 = 1,000$
 1,000 yrs of Millennium

Church 100 cubits
 $20 \times 10 \times 10 = 2,000$
 2,000 yrs of church

Law
 $100 \times 5 = 500$
 $100 \times 5 = 500$
 $50 \times 5 = 250$
 $50 \times 5 = 250$
 1,500 yrs of the Law