

The Mountain  
of אֶרֶז  
Make Me A  
Sanctuary





# The Camp Site Before The Mountain



Huge camp site plain, just beyond the small ridges

Golden Calf

Altar

Archer

Petroglyphs

Lake bed

Playing

Petroglyphs

Brook

bed

Altar of

Moses

Looking east from the base of Mount Sinai towards the camp site

# The Camp Site Before The Mountain



Looking west at Mount Sinai from the camp site

# A Recently Found Petroglyph

- Found by Randall Lee near the campsite area of Israel east of Mount Sinai



# Going Back Towards Mount Sinai



# Make Me A Sanctuary

- And **אֵלֹהִים** spoke to Moses, saying, Speak to the children of Israel, and take first-fruits of all, who may be disposed in their heart to give; and **ye shall take My first-fruits**. And this is the offering which ye shall take of them; gold and silver and brass... And **thou shalt make Me a sanctuary,** and I will appear among you. And thou shalt make for Me according to all things which I shew thee in the mountain; even the pattern of the tabernacle, and the pattern of all its furniture: so shalt thou make it. (Exodus 25:1-3/7-8, LXXE)



# The Tabernacle Was Made

- And אֶפְרַיִם spoke to Moses, saying, Behold, I have called by name Beseleel... And I have filled him a divine spirit of wisdom, and understanding, and knowledge, to invent in every work, ...to labour in gold, and silver, and brass, ...and works in stone, and for artificers' work in wood, to work at all works. (Exodus 31:1-5, LXXE)
- And this was the construction of the tabernacle of witness, accordingly as it was appointed to Moses; so that the public service should belong to the Levites, through Ithamar the son of Aaron the priest. And Beseleel the son of Urias of the tribe of Juda, did as אֶפְרַיִם commanded Moses. (Exodus 36:19-20, LXXE)





# Metal Works First Glimpse (December 15, 2022)

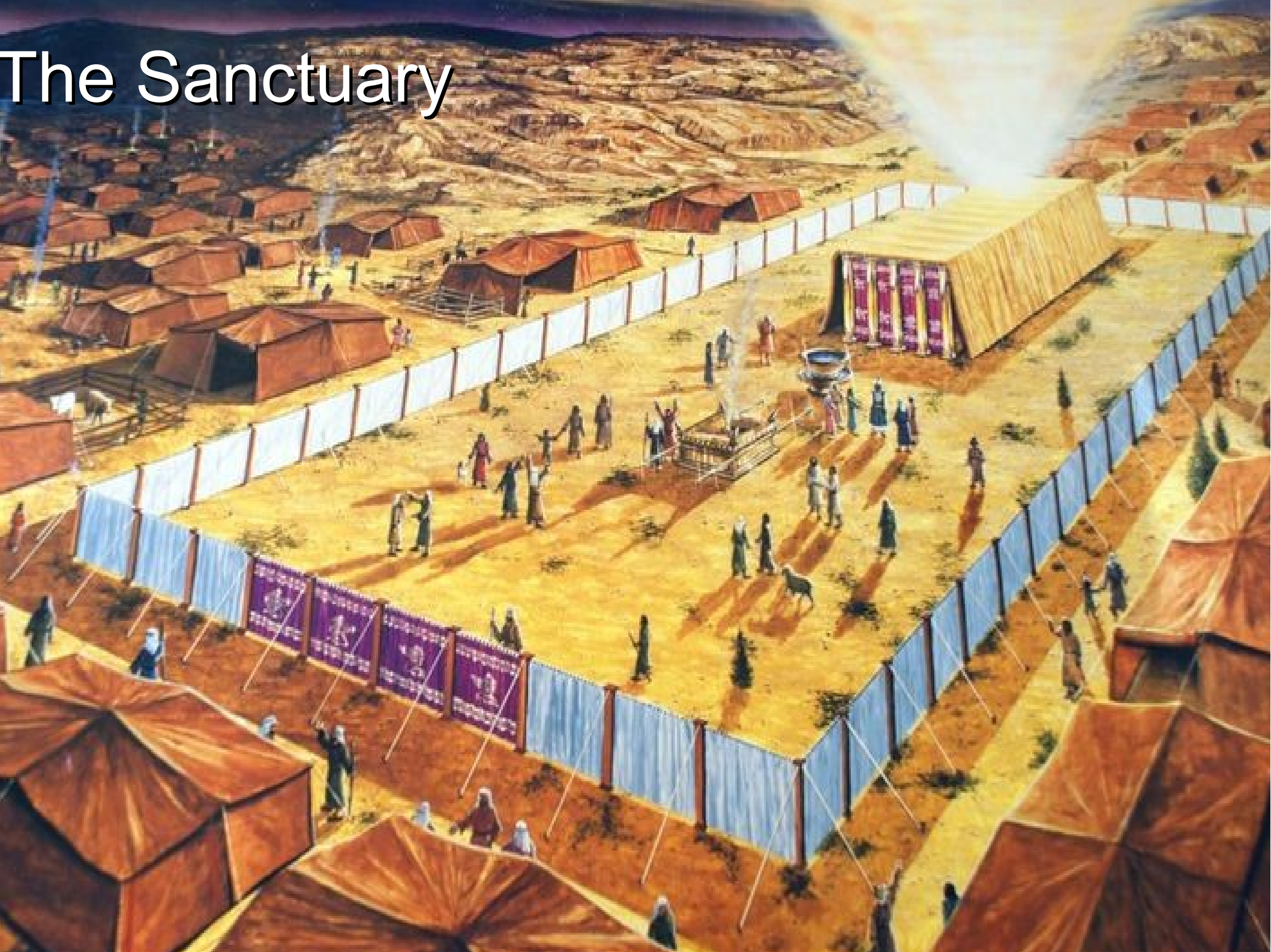


# The Tabernacle Set Up At Sinai

- And it came to pass in the first month, in the second year after their going forth out of Egypt, ...that the tabernacle was set up...And he set up the court round about the tabernacle and the altar; and Moses accomplished all the works. (Exodus 40:17/27, LXXE)
- And it came to pass in the second year, in the second month, on the twentieth day of the month, the cloud went up from the tabernacle of witness. And the children of Israel set forward with their baggage in the wilderness of Sinai; and the cloud rested in the wilderness of Pharan. (Numbers 10:11-12, LXXE)



# The Sanctuary



# The First Furnace

- About 15 feet in diameter and 5 feet high
- Hollow structure
- Precisely laid stones to regulate oxygen and temperature
- Possible ash inside the structure at base



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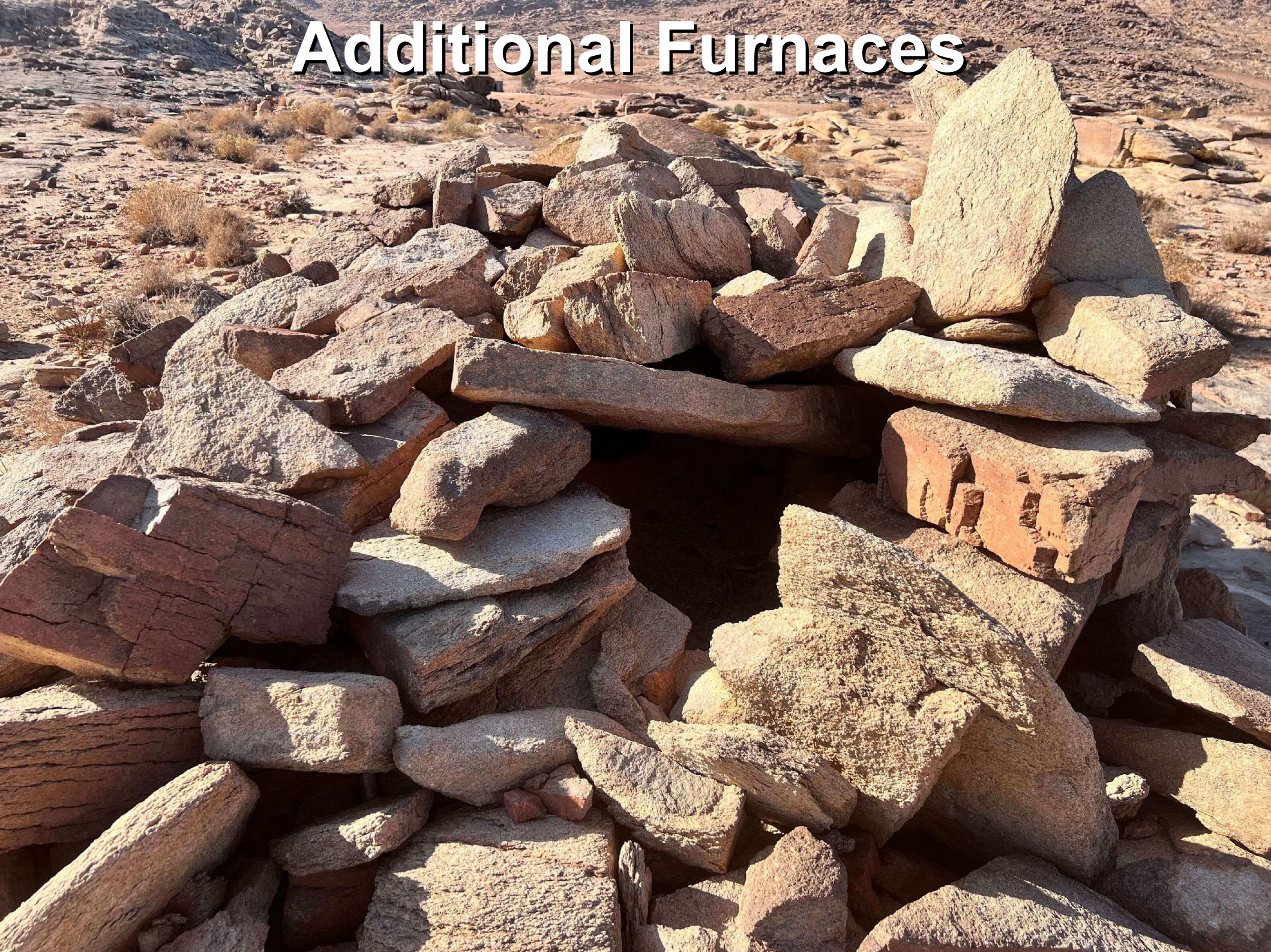
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# Additional Furnaces



# Additional Furnaces





# Stone Forms

- Two stone form areas found, located close to a furnace
- This first form may have been used to produce pillars, pins, rings, clips, sockets, and decorative items
- Similar to other ancient forms



# Armenian Stone Form

- Metallurgical complex dated to between the third and first millennium BC (Metsamor, Armenia).
- Big and small smelting furnaces also found at the Metsamor site



<https://allinnet.info/antiquities/armenia-an-ancient-center-of-metallurgy/>

<https://www.ancient-origins.net/artifacts-ancient-technology/legacy-armenia-trade-metallurgy-and-forging-precious-metals-ancient-020759>

# First Stone Form

- Mount Sinai →
- About 3 feet by 2 ½ feet



# First Stone Form



# First Stone Form



# The Forms

- The forms are close to the furnaces to quickly pour the molten metals
- The molten metals could be poured directly into the form or into specifically formed and fired ceramic clay containers placed into the form



# Metal Works Area

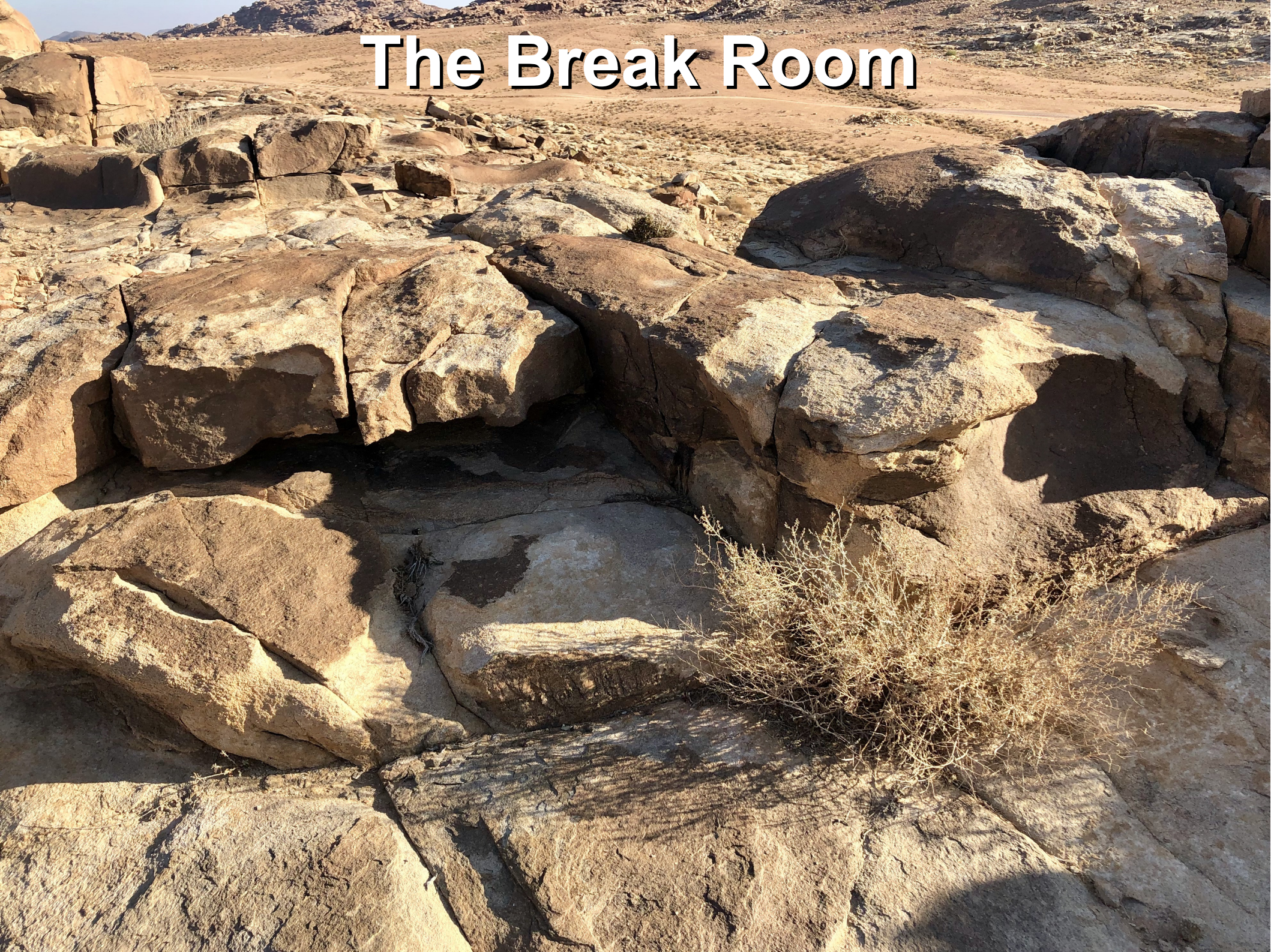
“Break Room”



Furnace



# The Break Room





# Make The Ark of Testimony

- And thou shalt make the ark of testimony of incorruptible wood; the length of two cubits and a half, and the breadth of a cubit and a half, and the height of a cubit and a half... And thou shalt make two cherubs graven in gold, and thou shalt put them on both sides of the propitiatory... The cherubs shall stretch forth their wings above, overshadowing the propitiatory with their wings; and their faces shall be toward each other, the faces of the cherubs shall be toward the propitiatory.  
(Exodus 25:9/17/19, LXXE)



# With The Wings Above Overshadowing The Mercy Seat

- And Beseleel made the ark... And he made the propitiatory over the ark of pure gold, and the **two cherubs of gold**; one cherub on the one end of the propitiatory, and another cherub on the other end of the propitiatory, **overshadowing the propitiatory with their wings**. (Exodus 38:1/5-8, LXXE)
- And over it the cherubims of glory shadowing the mercyseat; of which we cannot now speak particularly. (Hebrews 9:5)

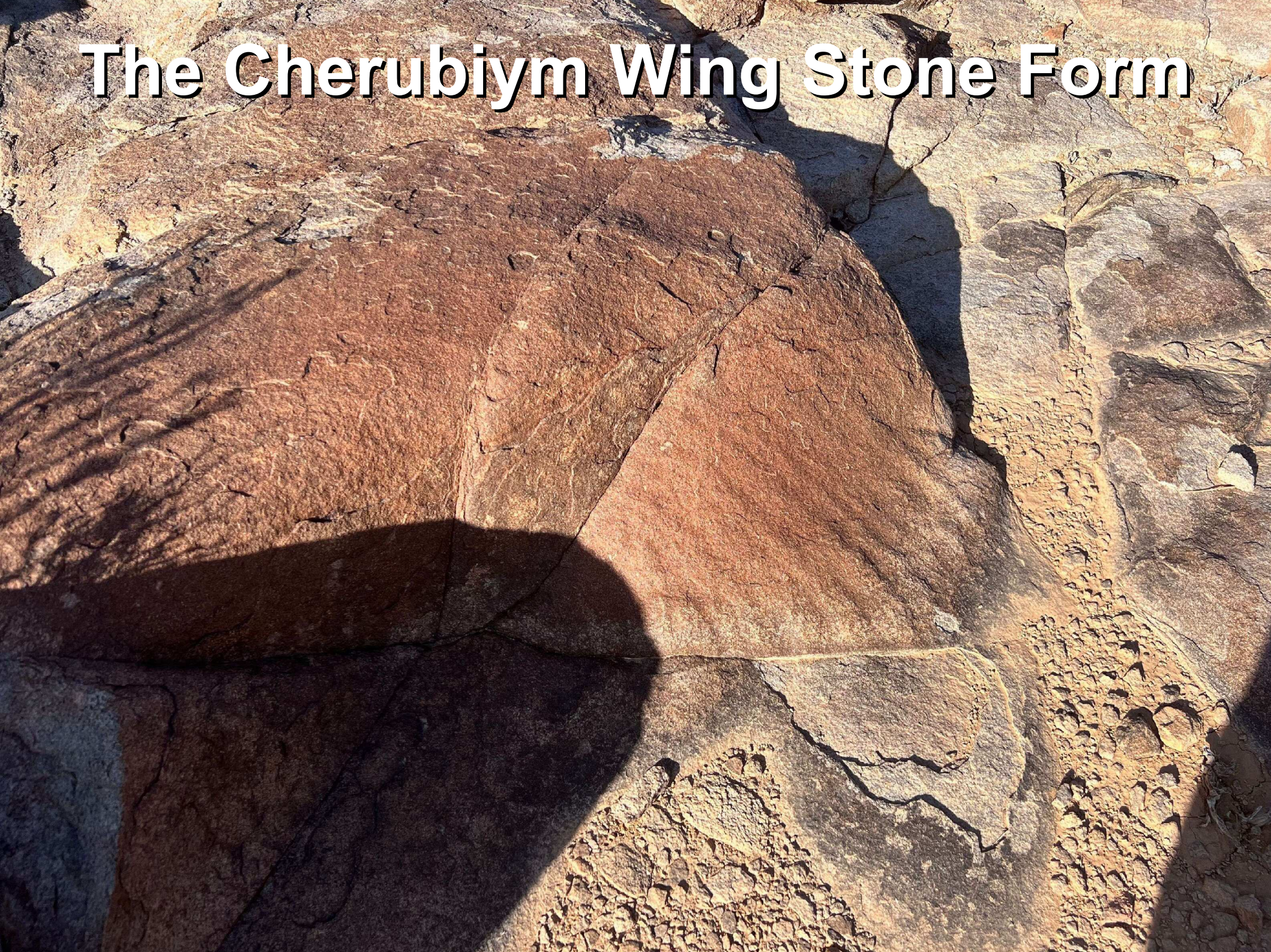


# The Second Stone Form

- The stone form used to make a hammered cherub wing for the ark of the covenant



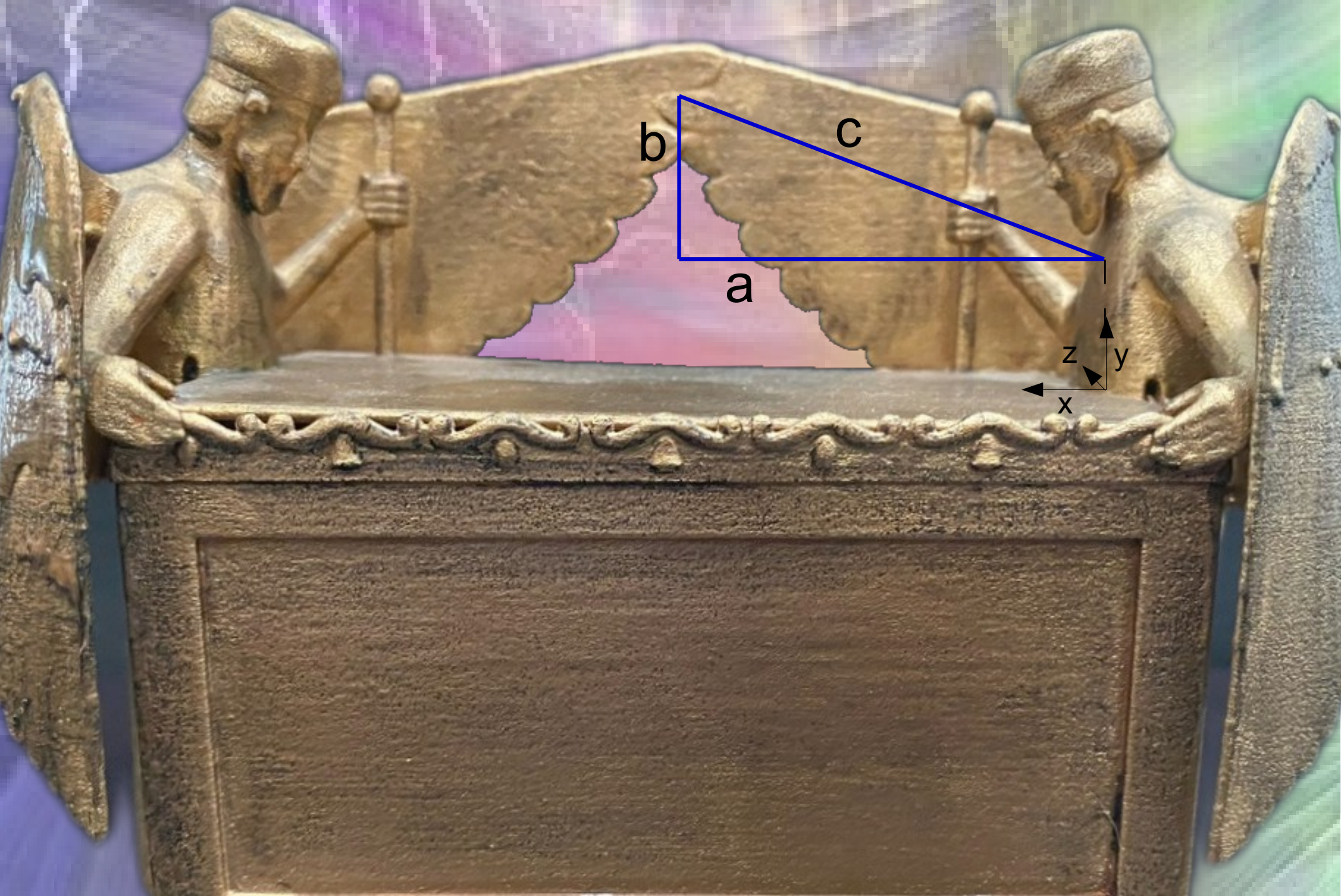
# The Cherubiym Wing Stone Form



# The Cherubiym Wing Stone Form



# Length of the Cherubim Wing



# Wing Calculation:

- Hypotenuse of a right triangle (where c is the hypotenuse):
  - $a^2 + b^2 = c^2$
- Cherubim wing length, where c is the wing length
  - Known: The length of the ark is 2.5 cubits (Exodus 25:9)
    - 1 cubit = 20.62 inches
    - Assume: z coordinate plane offset from the cherubim side connection point to the wing tip is negligible to calculated length of a
      - $a = \frac{1}{2}$  the length of the ark = 2.5 cubits \* (20.62 in/cubit) = 25.775 in
  - Estimate: the vertical height of the wing, from the middle of the base to the middle of the tip, using the ark model as the basis of estimate
    - $b = 12$  in
  - $a^2 + b^2 = c^2$ :  $12^2 + 25.775^2 = 808.35 = c^2$ ;  $c = 28.4$  in
  - Additional length required, using the ark model as the basis of estimate
    - Wing tip extension beyond the midpoint of the ark length (b-c intersection) = 2 inches (estimate)
    - Wing base extension beyond the end of the ark (a-c intersection) = 6 inches (estimate)
  - Wing length: 28.4 in + 2 in + 6 = **36.4 inches**

# Make The Ark of Testimony

- And thou shalt make the ark of testimony... the length of two cubits and a half... (Exodus 25:9, LXXE)
  - 1 royal cubit = 20.62 inches, thus the ark was 51.5 inches across.
  - Each wing would be about 36 inches to span half of the ark's width
  - The stone wing form is the perfect size





# Make Me A Sanctuary

- Behold, I have painted thy walls on My hands, and thou art continually before Me. (Isaiah 49:16, LXXE)
- He shall sit to melt and purify as it were silver, and as it were gold: and He shall purify the sons of Levi, and refine them as gold and silver, and they shall offer to אֵלֹהִים an offering in righteousness. (Malachi 3:3, LXXE)
- Many must be tested, and thoroughly whitened, and tried with fire, and sanctified; but the transgressors shall transgress: and none of the transgressors shall understand; but the wise shall understand. (Daniel 12:10, LXXE)
- Beloved, think it not strange concerning the fiery trial which is to try you, as though some strange thing happened unto you: But rejoice, inasmuch as ye are partakers of Messiah's sufferings; that, when His glory shall be revealed, ye may be glad also with exceeding joy. (1 Peter 4:12-13)

**Surely I come quickly**

(Revelation 22:20)

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