Chapter 5

KHUFU BUILT THE BIG ONE

The Bible date for the Exodus is approximately 1445 B.C. Exodus 6:4 and Galatians 3:16-17 indicate that God made a covenant with Abraham 430 years before this date, about 1875 B.C. Soon after this date Abraham went to Egypt to escape the effects of a famine in the land of Canaan (Gen. 12:10). Josephus wrote that Abraham "communicated to them arithmetic, and delivered to them the science of astronomy; for before Abram came into Egypt they were unacquainted with those arts of learning; for that science came from the Chaldeans into Egypt." So Abraham may have helped the Egyptians to achieve the mathematical accuracy that is found in Khufu’s pyramid.
of the length of the four sides at the base. This feature suggests knowledge of the value of \( \pi \), something unknown to the Greeks.

The pyramid contains an estimated 2.3 million blocks of stone averaging 2.5 tons in weight each, with the biggest stone weighing a tonne, 15 tons. We do not know for sure how long it took to build the pyramids. If we accept Herodotus' report that Cheops' pyramid took 20 years to build, we can calculate the rate at which the construction crews worked were put in place. If we assume that the Egyptian builders worked 12 hours per day consistently for 20 years, the 2.3 million blocks would require 26,380 men to put in place each ton in six months or over 2 minutes.

To place each block, averaging 2.5 tons, properly in place, many more were used. By today's standards it is truly amazing to see how the ancient Romans were able to construct massive structures like the pyramids. In ancient Egypt, we know that the time of these entrances, which were probably placed every 13.5 seconds.

All this has led to wild speculations about how the pyramids were built, including pyramidologists who suggest that the pyramids were built by aliens. However, there is no evidence to support these theories, which are based on the suggestion that the pyramids were built by a single group of people. In ancient Egypt, the pyramids were built by teams of skilled laborers, who were responsible for the construction of each section. The construction of the pyramids was a complex process that involved the use of large stone blocks, which were carefully cut and shaped using elaborate tools and machines.