

The time scale around the edge of the disk was aligned to the exact star positions for the park's location. The park is located at $94^{\circ} 35'$ West longitude, $4^{\circ} 35'$ west of the center of the Central Time Zone. The disk is intended to show the location of the stars at the park's location at a given civil time. Civil time is the same at all locations within the time zone so the time scale alignment is adjusted by 18 min. 20 sec. to account for the fact that it takes a star that amount of time to travel from the time zone center to the meridian of the park. The meridian is accurately surveyed to the precise North/South line through the installation.

Just as an aside, the stereographic projection of the horizon for the park's latitude divides the meridian almost exactly by the Golden Ratio. The Golden Ratio is often used by artists and architects to provide an aesthetically pleasing balance. This somewhat surprising element adds to the artistic impact of the structure.