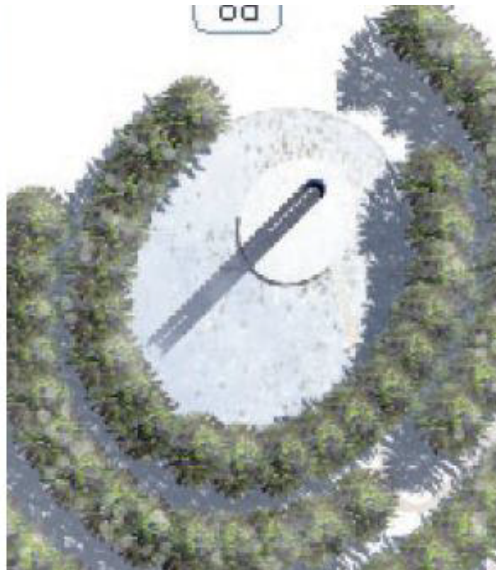
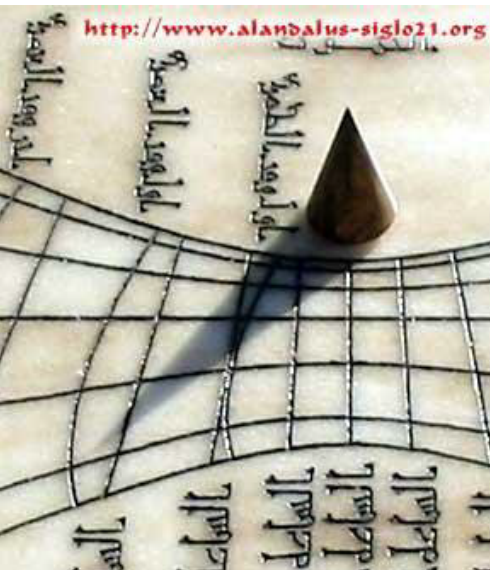


The Tower of Voices is a year-round-accurate Islamic prayer-time sundial

You can see the overt similarity just by looking:



On the left is a traditional Islamic sundial. The gnomon's shadow is just reaching the outer curved vertical, indicating time for Islamic afternoon prayers. On the right is the minaret-like Tower of Voices from the Flight 93 Memorial. Shadow calculations confirm that on any day of the year, when the Tower's shadow reaches the inner arc of trees, it will be time for Islamic afternoon prayers. The Tower of Voices IS a year-round accurate Islamic prayer-time sundial.

This is a very exacting structure that could simply never occur by accident

Islamic prayer times are determined by shadow length. Afternoon prayers commence when an object's shadow is equal to the length of it's noon shadow, plus its height. Thus the prayer line must be engraved (or planted as the case may be) a particular distance away from the gnomon, and it must follow a particular arc.

This construct has fewer degrees of freedom than a western sundial, which only looks at shadow angle (15° for each hour). There is no requirement in a western dial that the time indication marks be any specific distance from the gnomon, yet even a western sundial has never been seen to pop up by accident. To find a year round accurate *Islamic* sundial is very high-level proof of Islamic intent.

Verifying the shadow calculations takes a bit of work (instructions here if you want to try: <http://www.crescentofbetrayal.com/SundialCalculations.htm>). But you don't have to do the calculations yourself to know that the Park Service's grounds for dismissing the sundial claim are a total fraud.

The Park Service's ignorant comments prove they never even LOOKED at my sundial analysis

Asked by the *Post-Gazette* whether the Tower of Voices is really an Islamic sundial, Park Superintendent Joanne Hanley indicated that the Park Service had investigated this warning and found it to be a false alarm:

"As for the allegation that the Tower of Voices is really an Islamic sundial, Ms. Hanley said with an analysis like Mr. Rawls' then the Washington Monument could be perceived as one, as well."

It is true that any gnomon defines an Islamic afternoon prayer line, but does Superintendent Hanley really think that there is some structure in the vicinity of the Washington Monument that follows this prayer line? Fat chance. It

would have to be HUGE. What could she be referring to?

Her remarks were clarified by a more extensive interview with Memorial Project Chairman John Reynolds, who also claimed that the Washington Monument could be seen as an Islamic sundial. Turns out they are both under the impression that Islamic sundials work the same way that western sundials do, with times marked by shadow angle, not by shadow length. Reynolds:

"I've also thought about the Washington Monument. I mean, since 9/11 - you know, the Washington Monument, as you well know, sticks straight up out of the ground, and security around the Washington Monument was an issue, actually an issue before 9/11, but it became a huge issue after 9/11, and the resulting design is a circular wall. It stands about this high, ... it's big and it's thick and - you start thinking, well, gee, you know when the sun hits the angle as it hits the Washington Monument at the right time of day, it's going to point to a place on that circle. Is that a response to protecting the Washington monument, an Islamic response? No, absolutely not."

Reynolds clearly thinks that the time for Islamic prayers can be marked by a point on the protective wall around the Washington Monument. He is not aware that Islamic prayer times change constantly throughout the year, so that the shadow angle that coincides with the prayer time changes constantly throughout the year. To mark Islamic prayer times on the Memorial's protective wall you would have to make a different mark for each day of the year.

That is not how Islamic sundials work. Murdoch's Tower of Voices is a *traditional* Islamic sundial, mapping out the prayer-time shadow lengths. This is the first thing my sundial analysis explains, so the fact that Reynolds and Hanley didn't know it proves that they never even looked at my sundial

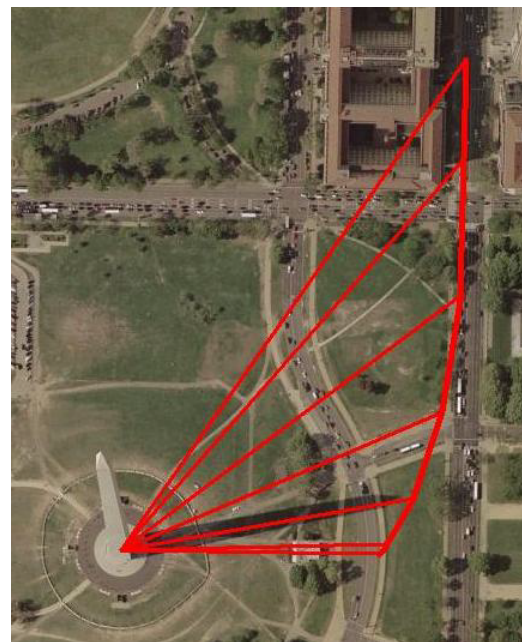
analysis. Yet they still assured the public that they had investigated this warning of a plot by our terror-war enemies and had found that there was nothing to it. Such irresponsibility is worse than feckless.

In legal terms, their failure to actually investigate the warning is "nonfeasance," while *claiming* to have investigated the warning when they did not is "misfeasance." If they actually knew that my sundial analysis is correct and were covering it up, then it becomes "malfeasance."

So what do we call it now, after I have long since explained to Reynolds et al. how their remarks prove that they never even looked at my sundial analysis? Their continued refusal to conduct a proper investigation means they *are* covering up. It is malfeasance, and it is still going on.

The Washington Monument's afternoon prayer line

The heavy curved red line superimposed on the image below is the Islamic afternoon prayer-line for the Washington Monument. To use the Washington Monument as an Islamic sundial you would have to build a wall along this red line, or plant an arc of trees along it, or in some other way make it substantive to people on the ground:



From November to February the prayer-time shadows are blocked by the Commerce Department building at the upper right, so even if you did build a prayer-line marker up 14th street, your Monument-sundial would still be unusable during these months.

This is why Islamic sundials are usually small: so Muslims don't have to walk 500 yards to see if the gnomon's shadow has reached the prayer-line yet. Murdoch's Tower-sundial will be the largest Islamic sundial ever built. There Muslims will still have to walk 70 yards to see whether prayer-time has arrived, but no worry. Other Muslims will be there to sing out the Islamic call to prayer ("Allahu akbar," etcetera) when the Tower's shadow reaches the inner arc of trees. After all, that is what Islamic sundials are for.

A traditional minaret is a literal tower of voices

The central part of the Flight 93 memorial, originally called Crescent of Embrace, is a giant Islamic-shaped crescent. That giant crescent (they call it a broken circle now) points to

Mecca. Geometrically, that makes it a *mihrab*: the Mecca-direction indicator around which every mosque is built.

Mosque design is based on a dozen typical mosque features, every one of which is manifest in architect Paul Murdoch's memorial design, all on the same epic scale as his giant mihrab. The Tower of Voices is his epic minaret. A mosque's minaret is used to issue the call to prayer. It is a literal "tower of voices." Murdoch's Tower-sundial is a figurative tower of voices, calling out the time to prayer by shadow position.

It's physical kinship with more traditional minarets is overt. Across most of the Islamic world, minarets are topped with an Islamic-shaped crescent (having a circular inner arc and a circular outer arc and usually covering about 2/3rds of a circle of arc, just like Murdoch's giant central crescent). The Tower of Voices is formed in the shape of an extruded Islamic crescent and is cut at an angle at the top so that its crescent arms reach up into the sky:



Visitors looking up at the Tower of Voices will see this symbol of the Islamic heavens soaring in the sky above the symbolic lives of the forty heroes, which literally dangle down below, gonging interminably, never to rest in peace. Is the Park Service trying to start a riot?

This insult is intentional on Murdoch's part. In fact it goes to the very heart his mosque design. In order for his mosque to be legitimate, it cannot honor infidels. Thus every place where our 40 heroes are represented in Murdoch's design, they are depicted as symbolically damned.

This is why his design drawings only show 38 Memorial Groves. These groves are attached to the giant central crescent, which makes them part of the symbolic Islamic heavens. That means they have to represent Murdoch's heroes, not ours. So how do 38 Memorial Groves represent 19 Islamic terrorists? Answer tomorrow.

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