



Technical Fact Sheet

SUSPENDING MEMORY- *Joseph Karadin with Hsin-Yi Wu*

Memorial elements:

- The proposal contains two memorial gardens at the tower footprints supported by columns and marked grids of glass columns above. The gardens are planted with flowering dogwood trees (20 feet on center) and lawn. The north garden contains a stone wall and water feature. The islands are illuminated at night to create the appearance of floating above the water. They are approximately 10 feet-20 feet below the level of the sidewalk.
- A memorial bridge connects the two gardens and is illuminated at night.
- Below the gardens is a reflecting pool, the "Pool of Tears." The pool is 2 feet deep and heated in the winter to deter freezing. The pool will be a place where floating memorials can be launched for special events.
- The proposal also includes street memorials, a series of markers outside the site which recreate the image of the original twin towers in the skyline.

Access to Memorial:

- The main entry is from September 11 Place via a stairway to the north memorial garden.
- There is a secondary stair entrance to the North memorial garden from Heroes Park (Fulton Street).
- The south memorial garden has stair entries at the south-west and north-east corners of the footprint.

* Recognition of each individual:

- There are 2,982 memorial columns. Each concrete column helps to support one of the gardens and extends upward through the planted surface as an illuminated cast and laminated glass column honoring an individual who died in 1993 and 2001. Columns are organized by birth date, and each column contains a timeline and personal information. Firefighters and police officers are recognized with a bronze fire helmet or police officer's hat hanging on the side of their column.
- There are 2,982 stones at the weeping water wall.
- The name of each victim from Pennsylvania and Virginia is etched into a glass plaque in the memorial bridge. The bridge contains glass supports and stone pavers, each representing a life lost in Pennsylvania or Virginia.

* Area for quiet contemplation and visitation:

- Each island contains a place of reflection whose walls are oriented along the paths of the planes that struck the twin towers. One area (in the south memorial garden) is for families. It is a space with niches between two parallel walls of polished granite. The other area marks the spot where the unidentified remains of the victims are kept below at the bedrock level. The public “Place of Reflection” (in the north memorial garden) is a sunken cascade of stairs, enclosed on three sides. It includes a metal and glass sculpture rising up out of a pool of water which contains all known names of the unidentified victims.

* Area for families and loved ones:

- The south memorial garden contains a quiet area for families and loved ones: two polished granite walls form a corridor with niches into which family members can place objects.

* Resting place for unidentified remains:

- The unidentified remains are located in a vault at bedrock below the north memorial garden.

* Delineation of footprints:

- The footprints are delineated by the memorial gardens.

Access to bedrock:

- There is access to bedrock at the slurry wall through stairs and elevators in the proposed cultural buildings.
- The LMDC will ensure that access to bedrock at the footprints is provided.

Asterisk (*) Program elements from the Memorial Competition Guidelines