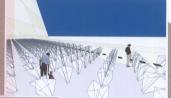


## Eternal Flame



### Garden of Memories





## Design Details:

Carden of Memories perimeter is demarcated by inset of black marble every I meter, on the same period and size structural columns of the WTC 

A cantilevered roof, d to the Cultural Museum, extends over the entire footprint, g the space from sun and weather. The interior roof is faceted scrive, symbolically multiplying out issess. There is a void in above the Eternal Flame, opening the flame to the sky. I clear glass Memorial Cases site between 3 and 4 feet high, and to txi 1.5 feet across at the top. Arrayed on the North Tower [iii] in pairs, on a period of 3 by 6 feet, this arrangement space for over 3100 cases plus paths and room for the Flame. The cases are sealed from the weather, but can be to insert Memorial Trays.

## Hands of Honor

Heroes deserve their own special memorial [6]. Their actions

Hands of Honor Memorial is situated on the ground, half way along the Descent Memorial recalls the helping hands of the Fireman digging fistful by fistful through It recalls the helping hands of the volunteers opening their homes and restaurants rescue workers. It honors the hands which brought a plane full of terrorists to fore they could lake even more inconcent lives:





# World

"Seek Stability, Embrace Change"

## Trade

Goals: This proposal integrates the stated goals of the commission with the additional theme change and stability. The memorial can accommodate large crowds and special occasions, yet lifled with numerous private niches for personal reflection. In addition, the design makes tangili those images burned into our collective subconscious during the iconic, short history of Septem 11<sup>8</sup>. Such powerful images include the tortured envelope of the original WTC rising from the ash the somber empty bathtub with its simple geometric ramp, the "Arissing" posters and the passion focus on individual loss. The slurry walls are kept free of ornamentation, the bathtub left start open, the footprints preserved for a new mission, and the monument arranged as a story thou



Recognize each individual who was a victim of the attacks An area for quiet visitation and contemplation An area for families and loved ones of victims Final resting-place for the unidentified remains from the WTC site Make visible the footprints of the original World Trade Center towers Acknowledge all those who aided in rescue, recovery and healing

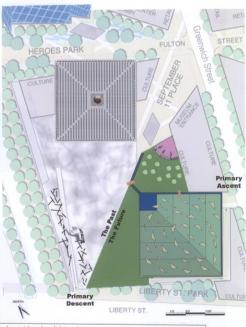
## Center

Center

Narrative and Circulation: Although the Memorial can be accessed from more than six directions, the primary entrance and the first chapter in the story of September 11° is along the ramp on Liberty and West, called the DESCENT. The Descent passes along and through reclaimed exterior panels and rubble from the WTC towers-reminding the visitor of the bornible destruction on that day. The ramp leads down and along the exposed "bathtub" wall- and is directly aligned with the corner of the north footprint of the Tade Center containing the memorial case for the youngest of the victims. Visitors can circulate on the bare concrete floor to the left, taking the stairs to bedrock, or enter the CARDEN OF MEMORIES [8]. Within the Carden are memory cases for each victim [8]. containing personal items bringing their lives and our loss into focus. At the center of the Carden is the ETRANLE ILANE, guarding the TOMB OF THE UNINKOWN's remains [8]. The Carden is both the formal and personal center of the Memorial [2].

Leaving the Carden, the visitor follows the Descent back to the HANDS OF HONOR Memorial, recognizing the professional guardians and volunteens [6] whose bravery and dedication counterbalanced the despair over the terrorist attacks. Those visitors who desire more detailed information on the history of the event and recent progress against anarchy, can take the escalators up to the Museums of Culture Then, with the story of the destruction, loss and renewal completes, the visitor returns to the memorial and walks across the concrete floor to a grassy area dedicated to the future. Here, they can visit the SANCTUM, where family members may gather [2] iii in a quiet and supportive environment. Finally, they can pause to contemplate the meaning of their visit by resign on the ASCENT [8] because the waterfall and above the reflecting pond-looking back into the "past". The Ascent is illuminated by the 1776 Tower mirrors. Five times daily, at the moment of each attack, reflected light is passed from the Memorial, ac

# Memorial



Final selection of materials, colors, lighting placement, etc. must be coordinated with Libeskind design. Grooves cut in the concrete slab delineate patterns of activity and memorial directions. Paths through the grassy area will be constructed to match the wear pattern from actual traffic flow.



# The Illumination

Memorials should not be forgotten or ignored.

While the Libeskind plan is very powerful sensitively preserving the "abuthub" and tower footprints - its impact remains muted away from the World Trade Center site. And, a static monument in the midst of a commercial plaza quickly fades into the background over time.

We can honor the spirit and the meaning of the World Trade Center Memorial by hamessing the purifying power of light -- a nearly universal, cross-cultural theme. The WTC footprints and 1776 Towers face nearly due south. By replacing some of the windows in the towers with movable mirrors, light from the sun or moon can be steered to the South Footprint [- continuously tracking these orbs during their daily traversal of the heavens.

A beam of light, illuminating the normally shaded South Footprint (partially hidden by the bathtub walls and waterfall), conveys the possibility of hope for a better future. Five times every day, at the moments or each attack, the mirrors reverentially shift position—lifting the footprint of light from the ground, towards the site of each event, and up to the sky. And so releasing the loss outl's spirits.

Visitors will congregate at the Memorial waiting for the Illumination to rise skyward. Allions of inhabitants with a clear view of the new towers will see its façade ripple in color as the mirrors make their daily transit. At other times, the ramps on the South Footprint Ascert will be suffused with a remarkable glow - one that changes with the soasons and the weather. In this way, every day, the Memorial is an ever-present, ever-changing reminder of the events of September 11th, and at true icon on the Marnhattan skyline.



This concept was tested manually on a 30 story building, and works as described There are typically 200 sunny or partially sunny days in NYC each year- but eve with cloudy skies the footprints will glow subtly, yet powerfully.

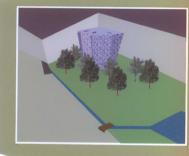
Approximately 200 mirrors are required, covering 2000 ft windows in the tower. Preferably, the mirrors are the windows, so the actuators reside within the body of the towers for easy installation and maintenance.

#### Sanctum

waits strict the families from the distractors or noise the public.

The outer-face of the Sanctum projects as four faces into the garden- one for each for the four events honored by this monument. About 60 feet on a side and 2800 sq. finarea, the building overlooks the terminus between the past and future. The interior will be designed in concert with family groups, to meet their special needs.

The Sanctum is reserved for family occasion-such as memorial tray dedication ceremonies, maringes, prayer meetings and christenings. Or as a place to meditate and reflect on what has been, and what will come.



## South Footprint Viewed fro



# The Ascent

The Ascent represents the Future and our Hope for a better world. The Ascent is the last nation completing a visit to the Memorial. It is illuminated by reflected sunlight in daytime, and ted moonlight at night. While the Ascent is a place to contemplate [2] the Memorial's message to transitioning back to our daily lives, it is also a destination unto itself.

The Ascent is part of the new World Trade Center's daily rhythm. People will bring their Junch it a quiet and thoughtful environment. Children, perhaps bored or unmindful of the significance of temorial, have own to run. The space can be used for public events and ceremonies, acting as a wing stand facing the more formal PAST. The lower wall beneath the Culture Museum cantilever louble as a projection screen supporting those public events, or as a display surface (hidden and ct from the Carden of Memories).

The Ascent also represents change. Most tantly, the Illumination changes five times day on the moments of the four attacks the bombing, when the planes hit each tower, the gon building and when Flight 39 fell from the or Pennsylvania.



