



Memorial Complex

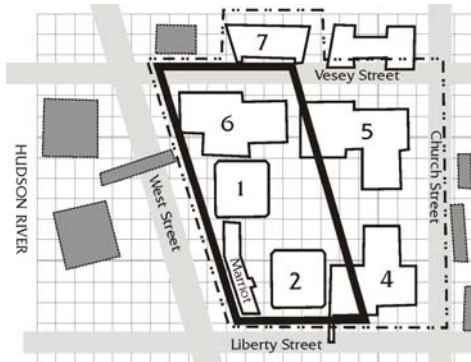
Lee Ielpi

In a presentation to Connecticut families on January 11, the Coalition emphasized the need to develop the memorial first. The memorial will be the focal point of the site and needs to be integrated with the surrounding development. As illustrated by designs released from world renown architects, the WTC memorial and all development at the site will stand to represent the significance of September 11th in history. The memorial will be the centerpiece. Attempting to design the setting without the memorial creates a lack of architectural continuity.

Coalition members displayed a map of the 9.5 acres within the slurry walls (the Bathtub area) where the Coalition is advocating for the Memorial Complex. Results of the FDNY GPS mapping from recovery operations illustrate this to be the primary area of concentration where our loved ones were found.

WTC Memorial Complex

N – Vesey
S – Liberty
W – West St
E – Greenwich



The interior of the slurry walls include both of the tower footprints, the Marriott hotel that was attached by a walkway to Tower 1, a portion of the plaza and WTC 6. The Coalition discussed the sacredness of this area with the LMDC and Governor Pataki, clearly stating the desire for the Memorial Complex to extend from the bedrock 7 stories down to surface level and above. Recovery of multiple layers of remains centered in this area must be respected. *Continued on page 3*

LMDC Memorial Mission Statement

Kathy Ashton

The Coalition of 9/11 Families encourages families to express your opinions to the LMDC on the WTC memorial mission statement and program for design of the memorial. While the LMDC is the official entity created by Governor Pataki and Mayor Giuliani to direct development of the WTC site, the Coalition serves to advocate for our families voices. Several founding members of the Coalition serve on the Family Advisory Council of the LMDC. This has allowed the Coalition to have a direct voice and channel your feedback in planning the memorial.

As a member of the Family Advisory Council for the LMDC, I was appointed to work with the Committee who drafted the Mission Statement for the WTC Memorial. The mission statement will serve to guide the creation of the memorial and its evolution as a symbolic representation of September 11th. Following is the final draft of the memorial mission statement published by the LMDC.

Remember and Honor the thousands of innocent men, women and children killed in the horrific attacks of September 11, 2001.

Respect this place made sacred through tragic loss.

Recognize the endurance of those who survived, the courage of those who risked their lives to save others and the compassion of all who supported us in our darkest hours.

May the lives remembered, the deeds recognized and the spirit reawakened be eternal beacons, which reaffirm respect for life, strengthen our resolve to preserve freedom and inspire an end to hatred, ignorance and intolerance.

This statement will be the guiding element of the WTC memorial. Information on the memorial program that outlines the aspirations the memorial should convey and the elements for designers to include are listed on the LMDC web site. We encourage your feedback to the Coalition over our web site at www.memorialfor911.com and to the LMDC at www.renewnyc.com.

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Public Reinforces Coalition

Beverly Eckert

Public hearings held by the LMDC concerning development at the WTC site and the memorial are reinforcing the public voice for a more democratic process. The LMDC has come under fire by architects, planners and many of the stakeholders in Lower Manhattan. The Port Authority, which owns the land, is also creating its own design plan for the site. Residents have valid concerns of economic revitalization and feasibly incorporating new development with east/west access. Paramount to all is an appropriate memorial. The Coalition is working to extend our position to other groups for support.



Together, we will ensure the WTC Memorial will be a place of reverence, honor and peace for future generations.

Independent Commission

Mary Fetchet

The 9/11 Independent Commission convened for the first time on January 27th, in Washington, DC. After a private session, members of the Family Steering Committee met informally with Governor Kean and the rest of the panel. Among the topics discussed were potential conflicts of interest, the urgency of the Commission's undertaking and the scope of the investigation. The Family Steering Committee is comprised of family members from the Campaign for an Independent Commission who were instrumental in getting the Independent Commission established. For further information check their web site www.9/11commission.org.

Memorial Park

Amy Mundoff, OCME

On December 23, a newly constructed area of Memorial Park was opened for family members to visit for private reflection. The remembrance wall at Memorial Park has been moved off 30th street to border the new entrance to the visiting area. There are tables inside Memorial Park for family members to leave personal items and light candles.

Memorial Park is open to family members and their guests daily from 9:00 am to 5:00 pm. Appointments are appreciated and may be made by calling the Office of the Chief Medical Examiner at (212) 447-7884.

WTC DNA Identification Update

Office of Chief Medical Examiner, City of New York

Two kinds of DNA are being used for identification in the World Trade Center disaster: nuclear DNA and mitochondrial DNA. Nuclear DNA is a combination of the DNA inherited from your mother and father. You inherit mitochondrial DNA only from your mother.

Nuclear DNA

To obtain a DNA profile for an individual, the Medical Examiner's laboratories attempt to measure the nuclear DNA at no less than 13 positions. These thirteen points (known as markers), along with a marker for gender make up a complete profile. This is the standard profile used for human identification in criminal casework, other disasters (American Airlines Flight 587) and identifying soldiers recovered from Vietnam, Korea and other military conflicts. Standard DNA profiles are generated from markers that are from 100-400 base pairs in length. You can think of a base pair as one rung on the 3 billion-rung ladder that makes up your DNA. The remains from the World Trade Center that were brought to the Medical Examiner's office were tested for DNA. Unfortunately, more than half of them have not yet yielded a DNA profile sufficient for identification. This is because decomposition, heat and water can break up the DNA, making it difficult to measure a specific marker. So, for example, we may be able to measure 9 of the 13 markers (or even fewer), which is not sufficient for identification (we say it "doesn't make statistics").

Two new technologies, Bode-Plex (pronounced "Bodie Plex") and SNPs (pronounced "snips") may allow us to get a profile from smaller areas of the DNA. Bode-Plex allows a profile to be extracted from a segment of 89-218 base pairs, while SNPs work with segments of 65-85 base pairs. Before these new techniques can be used for human identification, they must be validated by the New York State Department of Public Health, similar to the way in which the FDA approves a new drug for use. Bode-Plex has been validated and has just been introduced to the WTC identification process. SNPs is currently in the validation process and has therefore not yet been used for identification in the World Trade Center project.

Mitochondrial DNA

As Mitochondrial DNA (mtDNA) is inherited only from your mother, it is less helpful in identification than nuclear DNA. It is more robust (due to the fact that there are more copies of it in each cell, it is contained in more cells than nuclear DNA, it is smaller in size, and seems to be more resistant to deterioration), but less specific. Two siblings, for example, who have the same mother, will have the same mtDNA profile.

Mitochondrial DNA has been used for identification purposes in other disasters such as the Swiss Air crash. We are just starting to receive mtDNA information from Celera Laboratories in Rockville, Maryland. We are not currently using it extensively in the identification process, but we hope to once we obtain sufficient data. We expect to get all the mitochondrial data into our database by early summer, 2003. We already have used some mitochondrial information in the identification process.

Bode-Plex

Bode-Plex is a technique for extracting a nuclear DNA profiles from remains where standard techniques have failed. This technique was pioneered by the National Institutes of Standards and Technology and has been re-worked and is being applied to the WTC identification process by Bode Technologies, a forensics laboratory in Springfield, Virginia. Bode-Plex has never been used before in human identification - it was developed specifically for WTC and validation was completed in September.

Bode-Plex data are now being used by the Medical Examiner's for World Trade Center identifications. Initial estimates lead us to expect to receive around 2,000 profiles per month from Bode Laboratories. Bode-Plex data have already led to identifications that never would have been made otherwise and will assist extensively in linking additional remains to people who already have been identified. We are retesting all of the remains that did not yield a profile sufficient for identification along with all the family samples and personal effects. Bode-Plex is a

modification of the normal DNA process and was therefore easier to validate.

SNPs

SNPs stands for Single Nucleotide Polymorphisms. Unlike Bode-Plex, which is a variation on the standard DNA profiling technique, SNPs is a radical departure from the standard process and has not yet been validated for human identification. Initial validation studies of the SNPs technique have proven inconclusive and it is taking much longer for it to be validated than was anticipated. Once in place, it is hoped SNPs will assist in the identification of remains that were previously unidentifiable. We don't currently know when SNPs will be validated. The first pilot testing of WTC samples is promising.

Virtual Profiles

One of the ways Bode-Plex can help with the process is by providing an incomplete profile that can be combined with an existing incomplete profile to create what is known as a virtual profile. The DNA profile is made up of a series of numbers, measurements of repeating patterns at 13 separate markers. Sometimes, though, because of issues such as decomposition, we are unable to get the entire sequence of numbers from remains. Certain parts of the code may drop out. However, if we combine the parts of the code that different techniques produce, we can create a "virtual profile." Using this virtual profile (a profile made up of combined profiles), we can determine the entire DNA sequence for the remains and identify them. These virtual profiles can be used to identify remains that otherwise would have remained unidentified.

The Medical Examiner's office is committed to identifying as many of the World Trade Center victims as science will allow. Our WTC operations are funded through FEMA and are not impacted by government cutbacks in the city or state of New York. We know that our process will continue for at least another year and in all likelihood, much longer. Families who have any questions about the DNA process or about the identification process in general should call our WTC hotline at 212-447-7884, 9:00 am - 5:00 pm, seven days a week.

Memorial Complex

continued from page 1

Components or structures within the memorial complex may serve in different capacities to tell the story and events of September 11, 2001 to future generations.

Coalition members have also discussed with Governor Pataki the need for a repository to place the unidentified and unclaimed remains now located at the Medical Examiner's office. A facility needs to be built at the site to ultimately accommodate the continued identification process as technology advances. "Until our loved ones can be identified they should be respectfully returned to where they perished and held with dignity" stated family member Bill Doyle. There needs to be a reflective area to remember and an opportunity to pay respect to the lives lost so tragically.

LMDC Design Proposals

Bruce DeCell

On December 18, the LMDC unveiled 9 plans for development of the WTC site. The plans, designed by world renown architectural firms, were representations of the design program provided by the LMDC last October. The program included great detail on various new commercial, retail and transportation development. Unfortunately, the program did not include any specific detail for the memorial facilities to accommodate estimates of 5-10 million annual visitors. "After review of the program, there were apparent oversights in regard to the memorial," stated Jack Lynch. The Coalition met with the LMDC in October, following release of the program. Family members Kathy Ashton, Monica Iken and Jack Lynch reinforced the Coalition's primary concern to the LMDC that the memorial should be designed first in order to properly integrate within the WTC complex and the city. In addition, Coalition members reinforced our position on the sacredness of the interior of the slurry walls that the Memorial Complex should cover.

The final release of designs in January reflected the concerns of the Coalition with the LMDC program. Each of the architects proposed some element in their designs representing a tribute to the horrific events of 9/11 and the sacredness of the site. This attempt to represent the significance illustrates the design dilemma of creating a setting without the primary focal point.

National Park Service statistics indicate 5-10 million tourists will visit the WTC memorial annually. Accommodations and feasibility for this increase in tourism to Lower Manhattan have not been addressed. Ultimately, the small streets and compact surroundings may lead to gridlock. Planning should include adequate accommodations for the increase in tourism to the site and surroundings.

The plan from Daniel Libeskind *Gardens of the World* preserves the slurry walls as part of the memorial and the majority of the bathtub area that is consistent with the Coalition's position. This

The Coalition is committed to work together to support a memorial and complex that remembers and also teaches future generations the true story and significance of 9/11 in American history. History will be told. The heroism and spirit of America should be depicted in a manner that provides visitors inspiration. Primary issues the Coalition is focused on expressing to constituencies include:

- **Design the Memorial first.**
- **Structures within the Memorial Complex may serve multiple functions.**
- **A dignified place for the unidentified and unclaimed remains needs to be included within the complex.**

intriguing design creatively captures the significance and depth of destruction from the collapse. The Coalition expressed our reaction to the design plans at the Family Advisory Council meeting with the LMDC on January 7, in a statement read by Lee Ielpi.

"I am here as a member of the FAC and representative of the Coalition of 9/11 Families. We appreciate the efforts of the LMDC, its staff, the advisory councils, and particularly the competition architects. We understand many of the concerns and fully support the economic revitalization of Lower Manhattan. It is our genuine hope that working together we can enhance the city our family members loved, and provide a feasible and enlightened plan for residents who have suffered tremendously since 9/11. We also remain steadfast in our dedication to ensure an appropriate memorial is constructed over the sacred land where our loved ones perished.

We have reviewed the designs and offer the following comments. The Memorial should be the focal point of the site and should be designed first. Then other development can be properly integrated. Two of the design plans reflect the importance of the interior of the slurry wall area from bedrock to surface level and above where the greatest concentration of human remains were recovered. This marker must be acknowledged and a commitment made that the Memorial Complex will occupy this area. We call on those leading the process to affirm this commitment and to ensure this is not forgotten. The world is watching. They will see what and how we choose to remember. With all due respect, design the memorial first."

As the final plan is being decided this month, we strongly encourage family members to write or email LMDC Vice President Tara Snow at tsnow@empire.state.ny.us to reiterate the above statement, express support for the Libeskind plan and a stronger voice of family members in the decision making process.

RECOMMENDATIONS OF THE COALITION OF 9/11 FAMILIES TO THE LMDC REGARDING THE MEMORIAL AND FUTURE OF WTC SITE

RECOMMENDED GUIDING PRINCIPLES:

- The site must be treated with all of the reverence due a hallowed burial ground. For many families, it represents the final resting place of their loved ones.
- Treatment of the site must respect the personal grief of all families of victims of 9/11, and the collective pain and shock experienced by the city, state, nation and entire world.
- Treatment of the site must honor the heroism and sacrifice of the many who gave their lives, and the many still living who offered their time and services, for their fellow citizens.
- Future uses at the site should make a positive contribution to the cultural and spiritual life of the city and the nation.
- Structural development at the site should serve the purpose of memorializing the many facets of the events of September 11th for future generations.

RECOMMENDATIONS BASED ON PRINCIPLES:

- All discussions that pertain to development should have substantial input from families affected.
- The Coalition believes as much acreage as possible, including WTC Tower 1, Tower 2 and the Marriott, must be entirely devoted to a Memorial and should have permanently protected legal status. This includes the area inside the slurry wall quadrant of Greenwich (East side), West Street (West side), Vesey (North side), and Liberty (South side).
- The overriding purpose of architecture and landscaping at the site should be to make visitors aware of the enormity and reality of the events on 9/11 and the personal sacrifices of those involved.
- Treatment of the site should be parallel to sites of comparable importance in American history, such as Pearl Harbor, Gettysburg and Normandy that contribute to economic, cultural and social values of New Yorkers in the manner of Central Park, Lincoln Park and The Mall in Washington, D.C.
- The site can have a positive impact on the economy of the City through its contribution to tourism and to the cultural and spiritual life of New Yorkers.

Thanks for contributing your voice.

FAMILY MEMBER VOTE

1,392	Support Coalition's recommended principals.
182	Support a Memorial Park of 16 acres.
90	Support rebuilding with a small memorial.
103	Cannot address memorial issues.
<u>1,767</u>	Total Survey

Tribute

The final WTC site plan is being decided this month. Your Voice Counts!

The Coalition strongly encourages family members to write or email LMDC Vice President Tara Snow: tsnow@empire.state.ny.us

Reiterate support for:

- ✓ The memorial complex covering the Bathtub area.
- ✓ The Libeskind plan that preserves this area.
- ✓ The WTC memorial complex should include dignified placement for unidentified remains.
- ✓ Design the memorial first.

How Can I Help Support the Coalition?

Many family members have asked how to support Coalition efforts. Following is a list of ways you can help. To volunteer professional services contact the Coalition at 888-424-4685.

- ✓ *Email the LMDC support for the Coalition of 9/11 Families position and the Libeskind design;*
- ✓ *Voice your opinion on the Memorial and pass the word to additional family members to voice their opinion;*
- ✓ *Make a donation to the Coalition of 9/11 Families;*
- ✓ *Volunteer professional services in non profit organization, grant writing, graphics design, printing, web site updates, video editing, letter writing, etc;*
- ✓ *Attend public meetings to express the Coalition's collective voice of our families.*

We appreciate your support and look forward to creating a beautiful memorial together for future generations.

The Coalition of 9/11 Families extends our sincere appreciation to the Lutheran Disaster Response of New York for assistance in distributing the enclosed information to our families.

Families' Calendar

Thursday, March 13, 8:00 AM*
LMDC Board Meeting RSVP (212) 962-2300
One Liberty Plaza 20th Floor

Thursday, April 10, 8:00 AM*
LMDC Board Meeting RSVP (212) 962-2300
One Liberty Plaza 20th Floor

Thursday, May 8, 8:00 AM*
LMDC Board Meeting RSVP (212) 962-2300
One Liberty Plaza 20th Floor

Thursday, June 12, 8:00 AM*
LMDC Board Meeting RSVP (212) 962-2300
One Liberty Plaza 20th Floor

***RSVP Required (212) 962-2300**

Open for all 9/11 Families

Bring Memorial Park ID Card

OCME Memorial Park
520 East 30 St., at 1st Avenue
Call (212) 447-7884 for appointment

Family House at WTC Site
Washington & Liberty Street

Family Room at WTC Site
One Liberty Plaza, 20th Floor

Download Tribute, share with family and friends. Immediate family members are welcome to vote in support of the Coalition or express their voice on the WTC Memorial at:

www.Memorialfor911.com

 <p>Coalition OF 9/11 FAMILIES <i>WE REMEMBER</i></p>	<p>9/11 WIDOWS AND VICTIMS' FAMILIES ASSOCIATION</p>  <p>911WVFA.org</p>	<p>GIVE YOUR VOICE</p>  <p>GiveYourVoice.com</p>	<p>SEPTEMBER'S MISSION</p>  <p>SeptembersMission.org</p>	<p>WTC UNITED FAMILY GROUP</p>  <p>wtcunitedfamilygroup.org</p>
<p><i>Uniting to create a memorial in honor of the heroism and sacrifice of America on September 11, 2001.</i></p>	<p>SKYSCRAPER SAFETY CAMPAIGN</p>  <p>SkyscraperSafety.org</p>	<p>ST. CLARE'S WTC OUTREACH COMMITTEE</p>  <p>Email mckeond@att.com</p>	<p>TUESDAY'S CHILDREN</p>  <p>TuesdaysChildrenFund.org</p>	<p>VOICES OF SEPTEMBER 11TH</p>  <p>VoicesofSept11.org</p>

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