

Duffy, Daniel

From: lbs4@columbia.edu
Sent: Friday, October 12, 2012 7:24 PM
To: Duffy, Daniel
Cc: Torres Rojas, Genara; Van Duyne, Sheree
Subject: Freedom of Information Online Request Form

Information:

First Name: Lynne
Last Name: Sagalyn
Company: Columbia Business School
Mailing Address 1: 3022 Broadway Uris 816
Mailing Address 2:
City: New York
State: NY
Zip Code: 10027
Email Address: lbs4@columbia.edu
Phone: 917.699.8130
Required copies of the records: Yes

List of specific record(s):

Email from Chief Engineer Frank Lombardi of the PA Engineering Department to Joan Gerner of the 911 Memorial Foundation, Re: Code Review of Prior Scheme to put a glass parapet around the Memorial Pools, likely approximate date 2006-2008.

THE PORT AUTHORITY OF NY & NJ

FOI Administrator

December 21, 2012

Ms. Lynne Sagalyn
Columbia Business School
3022 Broadway Uris 816
New York, NY 10027

Re: Freedom of Information Reference No. 13527

Dear Ms. Sagalyn:

This is a response to your October 12, 2012 request, which has been processed under the Port Authority's Freedom of Information Code, for a copy of an email from Chief Engineer Frank Lombardi to Joan Gerner of the 9/11 Memorial Foundation regarding Code Review of Prior Scheme to put a glass parapet around the Memorial Pools, likely approximate date 2006-2008

Material responsive to your request and available under the Code may be found on the Port Authority's website at <http://www.panynj.gov/corporate-information/foi/13527-WTC.pdf>. Paper copies of the available records may be requested.

Please refer to the above FOI reference number in any future correspondence relating to your request.

Very truly yours,



Daniel D. Duffy
FOI Administrator

From: Koch, Diane on behalf of Lombardi, Francis
Sent: Thursday, November 15, 2007 4:03 PM
To: 'jgerner@sept11mm.org'
Cc: 'rvega@sept11mm.org'; 'edsidor@sept11mm.org'; Goldstein, William H.; Plate, Steven; Lin, C. John; Bhol, Saroj; 'fatmaa@buildings.nyc.gov'; 'wenk@buildings.nyc.gov'
Subject: Memorial Fountain Parapet

Joan,

As discussed by phone today, here are the PA's comments:

While both parapet options appear to meet the code requirement which only stipulates the minimum standards, the Port Authority has the following comments/concerns on the horizontal option that need to be addressed in the design:

- *There will be a large number of visitors - some of whom will be small children. The 2" high curb will not be able to prevent small children from tripping over and possibly drowning in the pool. The low curb can also be a tripping hazard to others who may not be too mindful about the surroundings.*
- *Provide detectable warnings or other tactile surface covering on the walking surface around the pool to provide sufficient warning before the curb is reached.*
- *The glass railing must be designed to comply with the structural loading criteria for protective guards in the code .*

Frank

-----Original Message-----

From: Bhol, Saroj
Sent: Tuesday, November 13, 2007 3:11 PM
To: Lombardi, Frank
Cc: Lin, C. John; Zipf, Peter
Subject: FW: Memorial Fountain Parapet Mock-ups

Frank,

The Memorial Foundation managed to get Fatma to see the mock-up. Keith Wen, who works for Fatma and handles ADA issues at DOB, visited the mock-up with her and gave the comments to the Foundation. Now that the Foundation has DOB's comments, Ed Sidor, their Design Manager, is asking for our comments on the schemes.

Please advise.

Thanks

Saraj

---Original Message-----

From: Ronaldo Vega [mailto:rvega@sept11mm.org]
Sent: Tuesday, November 13, 2007 2:06 PM
To: Bhol, Saroj
Cc: Ed Sidor
Subject: Fw: Memorial Fountain Parapet Mock-ups

Ed asked me to forward keith's remarks on to you.

-----Original Message-----

From: Keith Wen <keithw@buildings.nyc.gov>

To: Joan Gerner

CC: Lou Mendes; Ed Sidor; John Lee <JohnLe@buildings.nyc.gov>; Fatma Amer <fatmaa@buildings.nyc.gov>; Ronaldo Vega

Sent: Thu Nov 01 08:36:24 2007

Subject: RE: Memorial Fountain Parapet Mock-ups

D <<LOW POOL SCHEME.pdf>> ear Ms. Gerner,

We thank you and Ron for providing us the opportunity to visit the mock-up and review the memorial fountain design. Based on the sketch that was given to us and the visit, we have the following observations:

We were informed that both a curb and detectable warning will be included. We suggest that the detectable warning be installed as an integral component of the walking surface, equipped with truncated domes complying with 4.29.2 of ADAAG, and be at least 24" wide running the full length of the pool. This will provide sufficient warning to cane users of the drop-off at the pool.

The curb should be placed between the detectable warning and the pool edge. There is no specification from ADAAG for curbs located adjacent to pools but Section 4.8.7 specifies a min. 2" curb at ramps and landings with drop-offs. Also using the upcoming revised ADAAG as a reference, Section 1005.3.1 (Fishing Piers and Platforms) requires that the curb be at least 2" high. Based on the current versions of available reference standards, it appears that 2" is an acceptable height for preventing wheelchairs from advancing beyond the edges.

The sketch that was provided to us indicates a pool depth of 18". Please note that a pool with an 18" depth at any point is subject to Building Code section 27-493 (b), which requires barriers 48" high around the pool. If barriers are not desired around the pool, the depth of the pool should be reduced to less than 18".

The glass parapet is at the correct height and appears to be an elegant solution.

Should you have any questions regarding our comments, please do not hesitate to contact us.

Keith Wen, R.A.
Technical Affairs
T: 212.566.3374

From: Ronaldo Vega [<mailto:rvega@sept11mm.org>]

Sent: Wednesday, October 31, 2007 12:12 PM

To: Fatma Amer

Cc: wenk@buildings.nyc.gov; leej@buildings.nyc.gov; gitelsonh@buildings.nyc.gov; Joan Gerner; Lou Mendes; Ed Sidor

Subject: Memorial Fountain Parapet Mock-ups

Fatma,

Would you be kind enough to share your thoughts on the parapets with our Executive V.P. Joan Gerner (jgerner@sept11mm.org). You may have already shared your thoughts (with Saroj), but now that you have seen the full size mock-ups you and your team may have some new insights to share with us. Thanks again for taking the time to escape to the Brooklyn Navy Yard and review the options with me.

Regards,

Ronaldo Vega, R.A.

Project Manager Memorial

National September 11 Memorial & Museum

at the World Trade Center

One Liberty Plaza, 20th Floor

New York, NY 10006.

212-312-8801 (p)

917-573-3152 (c)

rvega@sept11mm.org

www.national911memorial.org

Joan's contact info is as follows:

Joan Gerner

Executive Vice President, Design, Construction and Capital Planning

National September 11 Memorial & Museum

at the World Trade Center

One Liberty Plaza

New York, N. Y. 10006

(212) 312-8859

(212) 227-7931

jgerner@sept11mm.org

www.national911memorial.org