

MAY 27 1998 1:26PM

SWANKE HAYDEN CONNELL ARCHITECTS

NO. 0971 P. 1/12

SWANKE HAYDEN CONNELL ARCHITECTS**Fax Message**

Re Mayor's Office of Emergency Management Emergency Operations Center-7 World Trade Center	From Joseph J. Aliotta Job No. 5576A Date 05/27/98 (Wed)	Pages 12 Time 11:55 AM
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Distribution: (Please deliver to person(s) indicated by '✓')

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Message

Attached please find SHCA sketches and product data for the OEM requested protective enclosure around the EOC and adjacent spaces deemed critical to be protected in the event of hurricane forces sufficient to blow out windows. The sketches are as follows:

Protective Wall Type 'A' & 'B' - 23rd Floor Plan dated 05-26-98
 Protective Wall Type 'A' dated 05-26-98
 Protective Wall Type 'B' dated 05-26-98
 Cantor Seinuk Structural Information and Super Stud Data
 Overly Pre-Engineered Blast Door Product Data
 Ruskin Industrial Air Dampers.

A general description of the requested revised scope of work is as follows:

Currently, the approved 100% C.D. set dated 05-04-98 & Addendum # 1 dated 05-15-98 show a heavy duty drywall partition in front of the windows. OEM has requested that the design of this wall be upgraded to withstand Category IV hurricane forces and requested the increase of the envelope of this protective wall beyond the exterior wall as indicated on the attached plan sketch. The new proposed protective wall shown on the attached sketches is designed to withstand 155 mph winds at a wind pressure of 240 PSF (420 PSF at

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SWANKE HAYDEN CONNELL ARCHITECTS

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SWANKE HAYDEN CONNELL ARCHITECTS

OEM Fax: Additional Service Authorization-Consultant Proposals

Date: May 27, 1998

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corners). While the structural design and protection of penetrations has been upgraded, the required venting of the cavity between the windows and this upgraded structural drywall partition and access via access doors remains the same as the partition currently shown on the OEM/DCAS/Silverstein/Port Authority approved drawings. Some of the additional upgrades are as follows:

Under normal operations, this cavity between the windows and the protective wall requires to be vented for heating in winter and venting of heat away from the windows during summer to prevent blow-out by heat build-up (2 grilles per bay; one top, one bottom). In addition, 24" x 24" access doors are required to allow maintenance personnel to perform any repairs or cleaning necessary (one per bay). Under normal conditions the vents will be operational. Under hurricane conditions, OEM shall control from the command podium motorized air dampers to shut down the grilles. All doors and access doors penetrating this wall shall be weather-stripped, pre-engineered blast doors to withstand the above noted design loads. All penetrations through this wall must be carefully reviewed and detailed. Where possible, we will look at ways to avoid penetrating this wall by re-routing.

At the request of OEM/DCAS, SHCA has prepared the attached preliminary package for your review and approval. Per previous correspondence from DCAS, DCAS acknowledged that this scope of work is an additional service to the SHCA project team and the revised drawings will result in a Bulletin/Change Order to Ambassador Construction. DCAS has requested that Ambassador prepare a preliminary budget based upon the attached information. SHCA is preparing an Additional Service Authorization design proposal for your review and approval.

Should Silverstein or Ambassador have any questions or need clarification in order to perform your review/budgeting, please call me at your earliest convenience. SHCA will not proceed any further until it receives approval and direction from Silverstein Properties, Inc.

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