

MAR. 21. 2000 12:52PM

SWANKE HAYDEN CONNELL ARCHITECTS

NO. 3497 P. 2/3

SWANKE HAYDEN CONNELL ARCHITECTS**Memorandum**

TO: Glenn Pymonto
DCAS/DRES

FROM: Juan M. Mejia

SUBJECT: Mayor's Office of Emergency Management
7 World Trade Center
SHCA Project No. 5576A
"P.A. Inspectors request for Fuel Tank Room."

DATE: March 21, 2000

Dear Glenn:

As a result of a preliminary walk-through for the final inspection of the fuel oil tank room, the Port Authority has requested that the access hatch to the tank room be self-closing and be tied in to the Inergen discharge system.

We have contacted Ambassador Construction and are in the process of producing a wiring diagram and pricing for this work.

CC: Mr. Joe Aliotta / SHCA

Swanke Hayden Connell Ltd.
Swanke Hayden Connell & Partners LLP
295 Lafayette Street, New York, New York 10012
(212) 226-8696, Fax (212) 213-0059

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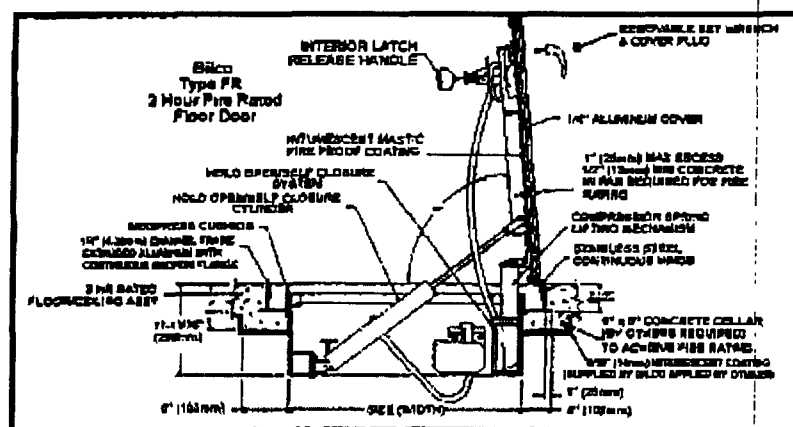
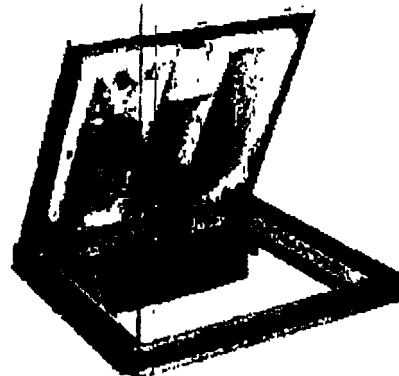
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NO. 3497 Pa. 3/3 1



Type "FR" 2-Hour Fire Rated, UL Listed



Click on the drawing above to download DXF file in .exe format

SPECIFICATIONS: Type FR. Fire rated floor access door shall be Type FR-_____ as manufactured by The Bilco Company. Door and frame assembly shall be tested in accordance with ASTM E 119 and UL Listed as having a 2-hour fire rating when exposed to fire from the underside. In the closed position, the temperature on the unexposed surface of the door assembly shall not exceed 325 degrees F (162 degrees C) above ambient for the duration of the 2-hour period. Manufacturer shall submit a test report certifying this performance.

Door leaf shall have a 1" (25.4mm) fillable pan to receive concrete and _____ (specify flooring material type and weight). Door leaf shall be constructed of 1/4" (6.35mm) aluminum and built to withstand a live load of 150 psf (732 kg per sq. meter). Frame shall be 1/4" (6.35mm) extruded aluminum with neoprene cushion and continuous anchor flange.

Door shall be equipped with a self-contained, pneumatic, automatic closing system which will close and latch the door leaf in the event of fire. A hydraulic hold-open system shall automatically hold the door in the open position.

Compression spring operators enclosed in telescopic tubes shall be provided for smooth, easy operation throughout the entire arc of opening and closing. Continuous hinge shall be heavy duty Type 316 stainless steel. A Type 316 stainless steel slam latch with gasketed cover plug and removable turn handle (topside) and cable release handle (underside) shall be provided. Factory finish shall be mill finish aluminum with bituminous coating applied to the exterior of the frame.

Door assembly shall be installed in a UL Listed fire rated floor/ceiling assembly in strict accordance with manufacturer's instructions and details. Manufacturer shall guarantee against defects in material and workmanship for a period of five (5) years.

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