

02/11/00 FRI 16:58 FAX 2126458962

KABACK

*** AMBASSADOR

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From: Preferred Utili LIC NY To: Donald Murphy

Date: 2/10/00 Time: 11:50:12 AM

FAX DOCUMENT

Preferred Utilities Manufacturing Corp.

129-02 Northern Boulevard Corona, N. Y. 11368

Phone 718-424-3350 Fax 718-424-3577

Date: 2/10/00

3 Page(s) total

To: Kaback Enterprises, Inc.

Attn: Donald Murphy

Re: Mayors Office-7 World Trade Center

Dear Donald,

After our meeting last week at the 7 World Trade Center job-site, please note the following comments and suggestions.

After a visual inspection of the system layout, I recommend the following changes.

- The Anti Syphon Valve should be removed from the pump suction pipe.
- A check valve should be installed as close to the tank inlet as possible. This check valve will help keep the suction line primed (A review of the existing job files for this particular building did not confirm the existence of a foot valve in the supply line).
- One item I did not notice was whether all of the pump sets had check valves on their respective suction pipe. If not, I recommend installation of a check valve on each. This will prevent the siphoning effect from any of the sets when any one or more of the units are in the run mode.
- The 2" suction pipe diameter is sufficient for the smaller pump sets (total 1,189 GPH) during normal fill operation, as well as the tenant tank fill pump set (1,900 GPH). We supplied in clocks on our tenant tank fill pump set to prevent the pump set from functioning simultaneously with the other sets. This will reduce the required diameter for the suction pipe. The existing 2" supply line will require approximately 11.24' Hg. of lift for the either the tenant set or the three smaller sets combined.

One other issue:

In regards to my observation of the leak sensors mounted inside the 55-gallon drums: The leak sensors should be removed immediately. As installed this application could be a possible explosion hazard.

Mount units through the wall from outside as near the bottom of the drum as possible. Punch a hole in the drum, then weld (complete) the boss in place. The switch is screwed through the boss for the proper lever action.

If you have any further questions please don't hesitate to call.

Best Regards,
Preferred Utilities Manufacturing Corp.

John F. Haber

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