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JOB MEMORANDUM

TO: Joe Alrotta

FROM: Ron Pincott

CC: M. Maybaum
J. Dwyer
V. Lemeshev

RECEIVED
AUG 2 1999

SUBJECT: O.R.M. @ T.W.T.C.

JOB NO: 1854

DATE: July 6, 1999

RE: 7th Floor Domestic Booster System Bearing Drips

We have reviewed the domestic water booster system located on the 7th floor with the supplier of the system. The pump provided has bearings that are water cooled. This discharge is very limited in flow. To eliminate the problem of getting rid of this water, we propose the use of an automatic pump and collection tank unit. This unit will be installed adjacent to the pump package and will sit on the waterproofed floor.

The pump unit shall be:

- Federal Pump Corporation model A1TV automatic unit
- Heavy duty 10 gallon tank
- Pump: 1/3 h.p. 1750 RPM
  -Single phase 60 cyc. 115 volt with cord and plug
  -20 GPM - 10 ft. hd.
  -2" inlet - 1" discharge

Provide 2" trap and funnel on tank inlet for proposed I.W. from bearing seals of domestic pump system. Connect pump discharge pipe to the existing sump pump discharge pipe at the corridor wall. Provide check valve and shutoff valve in discharge piping.

A 120V 30 amp receptacle shall be provided at the location of the new pump for plug in connection. This shall be coordinated with the electrical contractor.

We are reviewing the building alternate to the self contained plump and tank unit.

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