

**UIRSD
FY24 Budget Process
Warrant Articles**

	<u>Est. (9%) OPM Costs</u>	<u>Est. (10%) Design Fees</u>	<u>Est. Equip & Install Cost*</u>	<u>(20%) Contingency</u>	<u>Est. Total Cost</u>	<u>Aquinnah Share</u>	<u>Chilmark Share</u>	<u>West Tisbury Share</u>
West Tisbury School - Electrical System Upgrades	\$ 6,750.00	\$ 7,500.00	\$ 75,000.00	\$ 15,000.00	\$ 104,250.00	\$ 10,112.25	\$ 10,737.75	\$ 83,400.00
West Tisbury School - HVAC Circulation Pumps Replacement	\$ 5,850.00	\$ 6,500.00	\$ 65,000.00	\$ 13,000.00	\$ 90,350.00	\$ 8,763.95	\$ 9,306.05	\$ 72,280.00
Total West Tisbury School Electrical/HVAC Cost	\$ 12,600.00	\$ 14,000.00	\$ 140,000.00	\$ 28,000.00	\$ 194,600.00	\$ 18,876.20	\$ 20,043.80	\$ 155,680.00
West Tisbury School - Space Needs Study (to supplement the Energy Efficiency Study conducted in FY22)					\$ 120,000.00	\$ 11,640.00	\$ 12,360.00	\$ 96,000.00

Assessment Based Upon Chilmark Site:	10.0000%	80.0000%	10.0000%
Assessment Based Upon West Tisbury Site:	9.7000%	10.3000%	80.0000%
Assessment Based Upon District Site:	12.2800%	20.4700%	67.2500%

Kitchen Electrical Upgrades

The middle school wing of the school is 1994. Our kitchen has always shared panels with the rest of the middle school wing. The issue that we have now run into is, there is no room left in the panel to accept another 100 amps of service. As of right now we have a new walk-in cooler that cannot be wired in and a new dishwasher on the way that also requires more than the current one. Having the kitchen on its own panel would make the most sense moving forward.

- Line run from the road by Eversource for kitchen
- New panel strictly dedicated for the kitchen
- New Dishwasher will need minimum of 50 amps of service
- New PolarKing walk-in freezer/dry storage unit will need around 50 amps of service
- Possibly moving existing electrical panels in kitchen
- Money being asked for will include an electrical engineer and plans

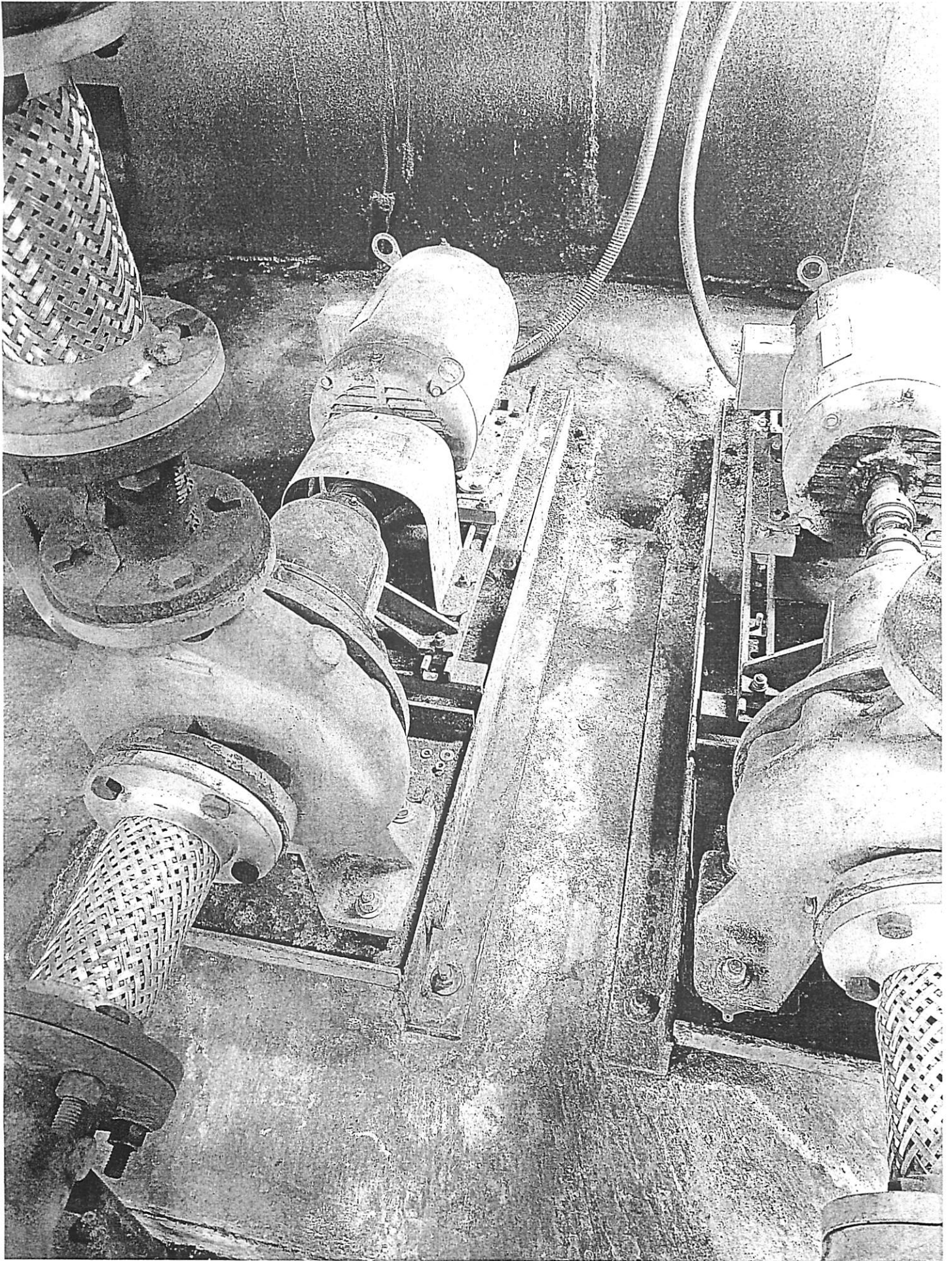
\$75,000-\$90,000

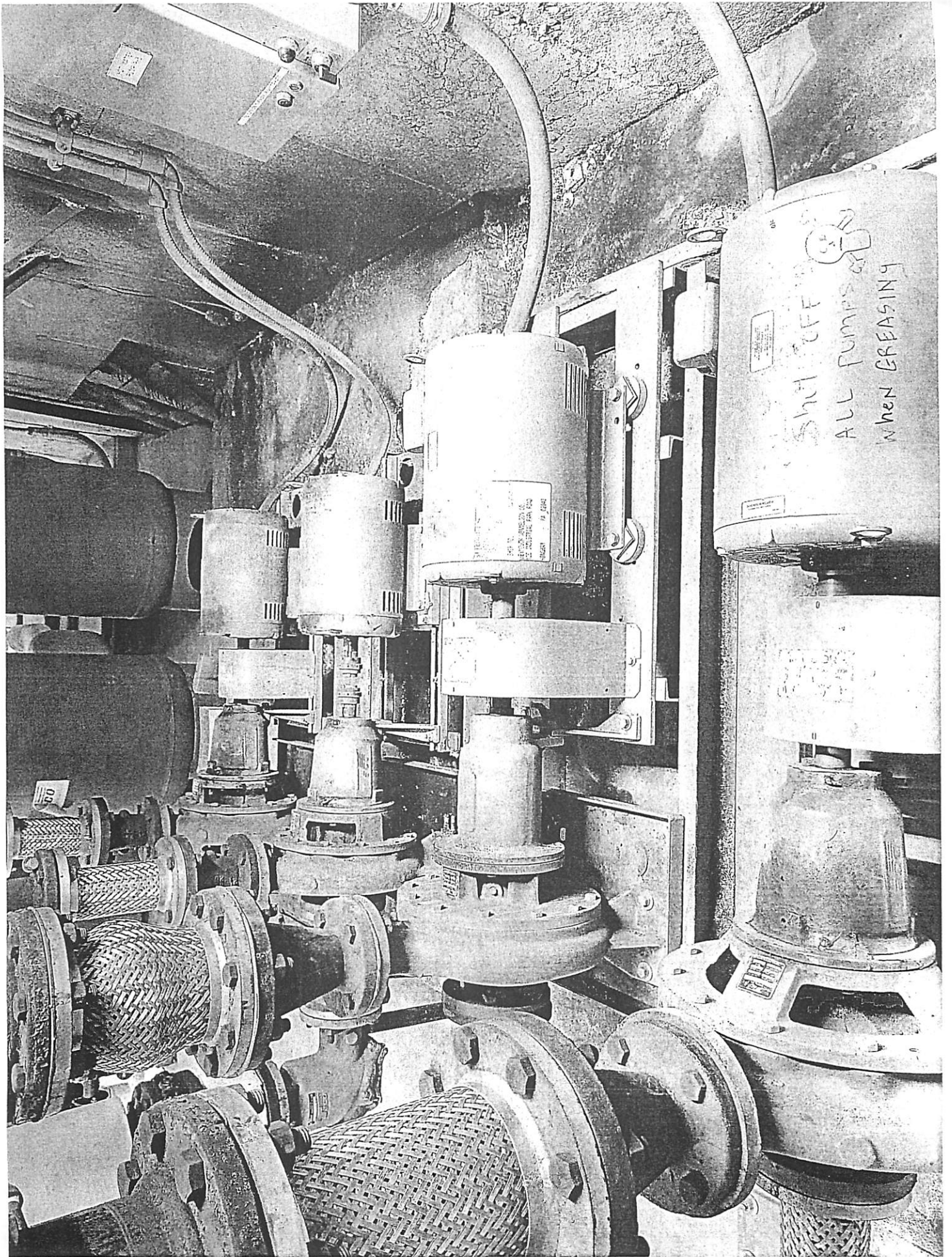
Circulation Pumps for Boilers

There are FOUR total circulator pumps that move hot water through the school during the heating season. The school is broken into TWO sections and each of the sections has two dedicated circulator pumps. As of right now we only have one functioning pump for each section of the school. All but one of the pumps are TWENTY-FIVE years old and have substantial wear and tear on them. Of the THREE pumps here is a breakdown of each: #1 works but is getting louder and and should be replaced, #2 leaks a lot and the motor needs replacement, and #3 has completely seized up and needs to be replaced. Each pump sits on a steel sled that houses it. Because of the leaks, and just the overall age of these sleds, they too should be replaced.

After speaking further with Alan Fortes about this project is very involved with many specially ordered parts. A welder will also be needed for this project adding to the cost. The pumps themselves are at best estimate are around \$15,000. The existing pumps are antiquated and finding replacement parts is extremely expensive and difficult. The steel they are working with is very brittle and takes a lot of effort and time to do things properly. The surface below the pumps will have to be leveled and may require a grinding and a skim coat of concrete as well.

\$65,000-&75,000





SHUT OFF
ALL PUMPS
WHEN GREASING



WESTINGHOUSE
MOTOR
SERIAL NO. 123456
MAY 1950

150

1117

CATALOG NO.

TYPE I ENCLOSURE, S
SQUARE D C

SQUARE D
UL
ELECTRICAL
ISSUE NO. 11-12-59

CATALOG NO. 1117
 SQUARE D COMPANY
 MADE IN U.S.A. JAN 1952 212 31

H18C
SQUARE D
TYPE I ENCLOSURE

SQUARE D COMPANY
PERU PLANT
F.O. 12 -
MADE IN U.S.A. JAN 1952 212 31

PANEL BOARD

1	Control Panel
2	Control Panel
3	Outlet for 100 Amp
4	Outlet for 100 Amp
5	Outlet for 100 Amp
6	Outlet for 100 Amp
7	Outlet for 100 Amp
8	Outlet for 100 Amp
9	Outlet for 100 Amp
10	Outlet for 100 Amp
11	Outlet for 100 Amp
12	Outlet for 100 Amp
13	Outlet for 100 Amp
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40	Outlet for 100 Amp
41	Outlet for 100 Amp

MADE IN U.S.A. SQUARE D

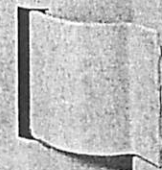
Vertical column of circuit breakers on the left side of the panel.

WALK IN
COOLER

WALK IN
B

WALK IN
FREEZER

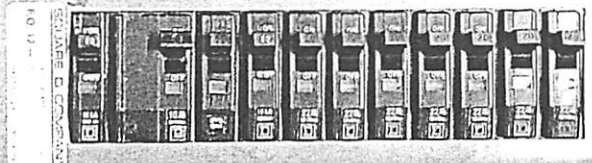
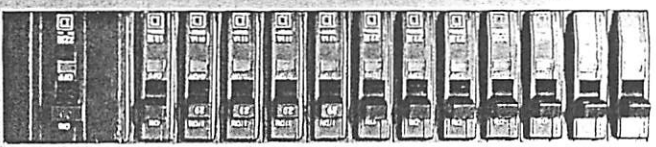
Vertical column of circuit breakers on the right side of the panel.





PKB

SAFETY INFORMATION
READ CAREFULLY



←
VOLT

SAFETY INFORMATION
READ CAREFULLY

MAIN
BREAKER

DANGER
A WARNING
DANGER
A WARNING
DANGER
A WARNING

SAFETY INFORMATION
READ CAREFULLY
SAFETY INFORMATION
READ CAREFULLY

DATE: 1/1/84

TEST DATE REGISTRATION

SAFETY INFORMATION
READ CAREFULLY

NO.	DESCRIPTION	TEST DATE	TESTER
1	120V AC		
2	240V AC		
3	120V AC		
4	240V AC		
5	120V AC		
6	240V AC		
7	120V AC		
8	240V AC		
9	120V AC		
10	240V AC		
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49	120V AC		
50	240V AC		

SAFETY INFORMATION
READ CAREFULLY