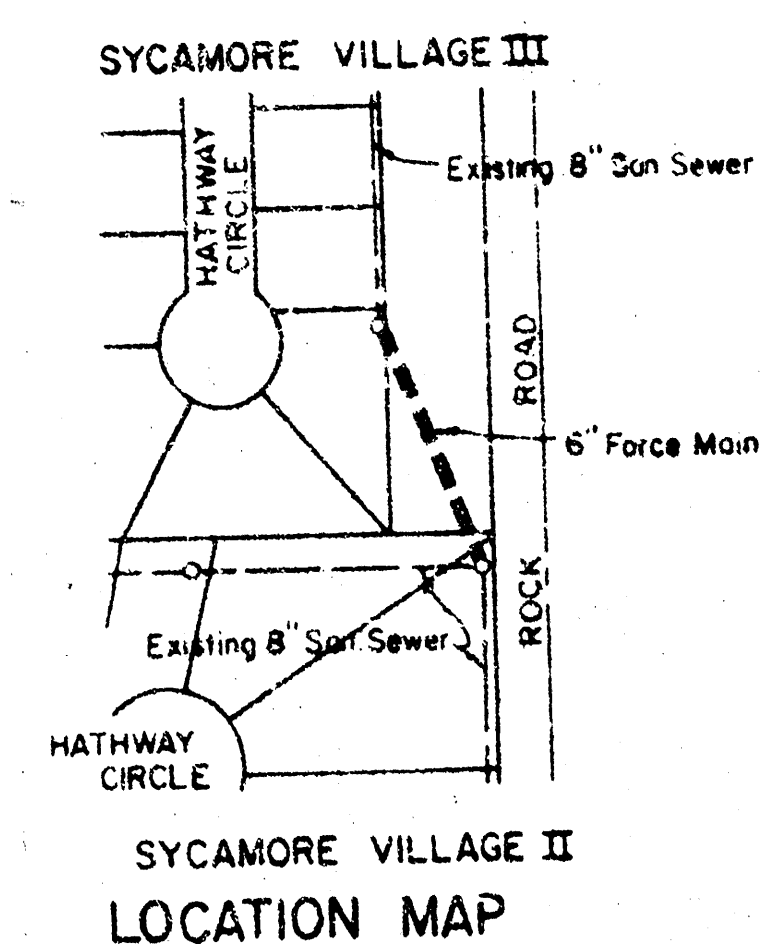
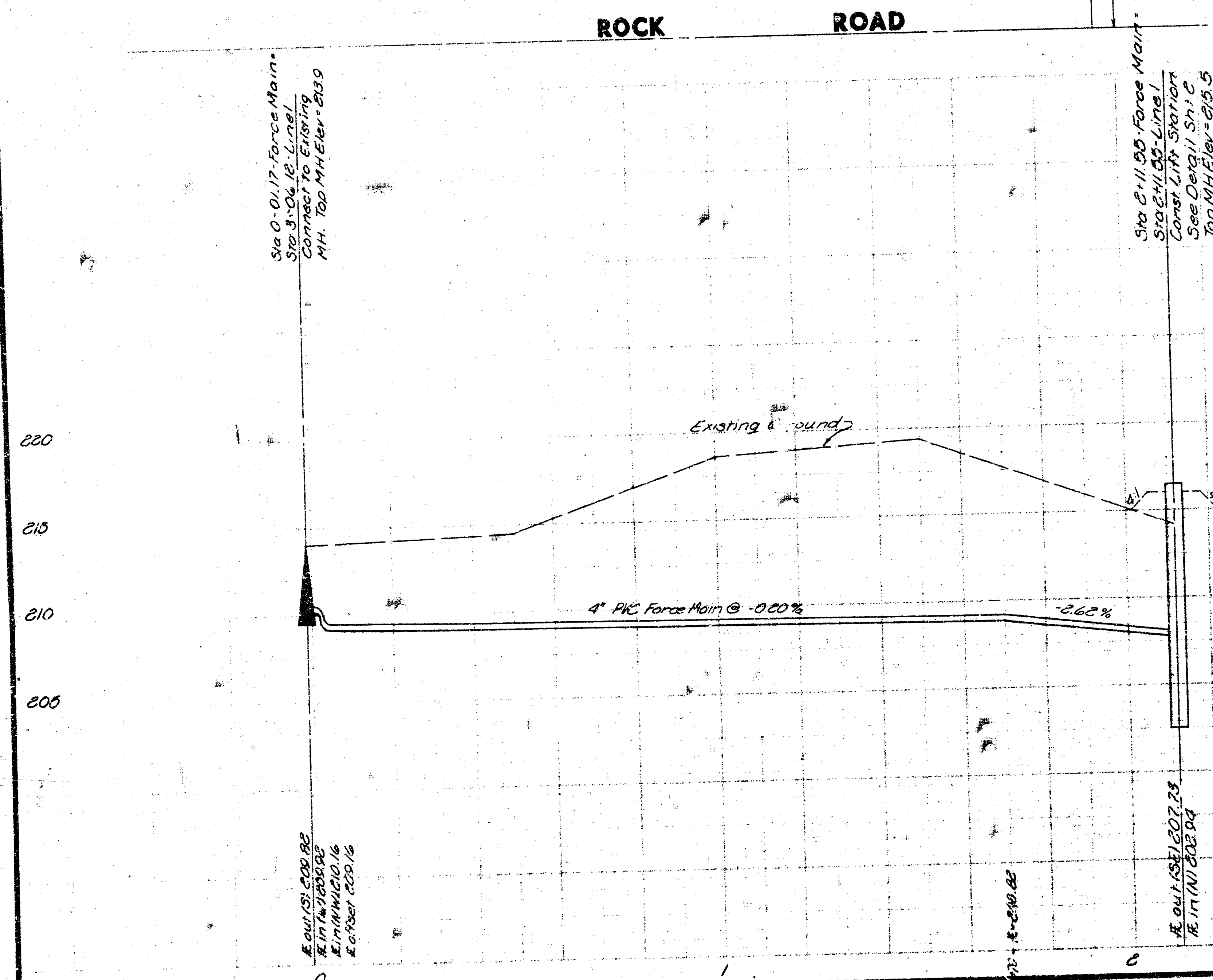
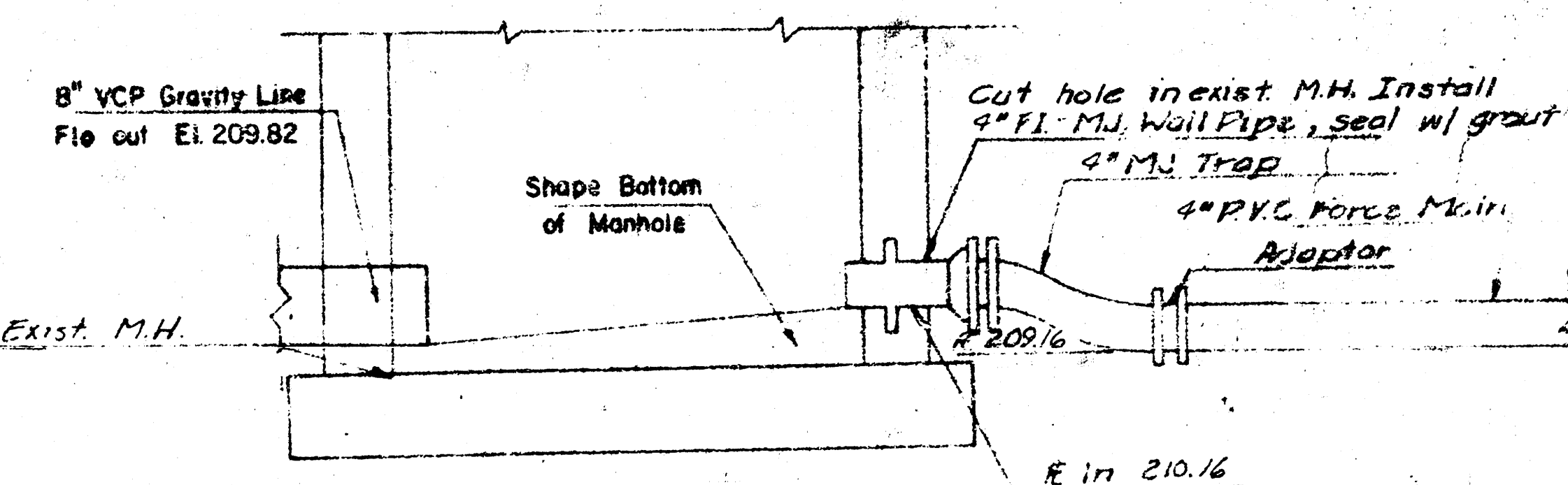




8M Srep Spikes W face 1st pp
N of 24th St N on E R/W
line of Rock Rd
Elev = 21570





The image contains three technical drawings of a machinery chamber:

- SECTIONAL ELEVATION:** A detailed side view of the chamber. It shows a hinged fiberglass cover at the top with a 500 watt heater and a vent. Inside, there's a control panel, a shut-off valve, a strainer, a vacuum pump, a float check valve, and a solenoid valve. The chamber is supported by a base with various elevations (Elev. 216.9, 216.0, 207.73, 197.5). It includes 4" discharge and plug valves, a 4" MJ sleeve, and 4" PVC force main. A 4" die discharge piping (CIP) and 4" die suction piping (CIP) are also shown. A venting blower is at the top right. Dimensions include 1'-6" Min, 2'-0" Min, 2'-0" Max, 9" Min, 3'-0" Min, 12", 7'-8", 9'-8", and 6" Min. A note "See Note 2" is present.
- CROSS SECTION:** A side view showing the internal components and the chamber's profile. It features a 4" dresser coupling (C.I. Pipe Fitting) by S&L, a 4"-0 Dia. suction pipe, and a 4"-0 Dia. discharge pipe. The chamber is supported by a base with elevations (Elev. 202.5, 202.0, 2000, 199.5, 197.5). Dimensions include 5'-4", 2'-10 1/8", 1'-6", 2'-0" Min, 2'-0" Max, 9" Min, 3'-0" Min, 12", 7'-8", 9'-8", and 6" Min. A note "See Note 2" is present.
- PLAN VIEW:** A top-down view of the machinery chamber. It shows the layout of the chamber, including the 4" discharge, 4" MJ sleeve, 4" PVC force main, 4" die discharge piping (CIP), and 4" die suction piping (CIP). The chamber is supported by a base with elevations (Elev. 202.5, 202.0, 2000, 199.5, 197.5). Dimensions include 5'-4", 2'-10 1/8", 1'-6", 2'-0" Min, 2'-0" Max, 9" Min, 3'-0" Min, 12", 7'-8", 9'-8", and 6" Min. A note "See Note 2" is present.

Smith & Loveless Pump
482 A Pump
Impeller 34223 -
875 RPM - 1.5 H.P.
100 GPM 15' TDH

General Notes

1. Check valves to be 8" for water.
2. Cast iron to furnish padlock for lift station.
3. Lift Station to be furnished with alarm, include high water alarm, to be connected to City of Water Alarm System or Maintenance Substation.
4. Lift Station to be furnished with Running Yellers.
5. Lift Station to be provided with manual transfer switch to facilitate connection of Auxiliary Standby Power.
6. Lift Station check valves are to be mounted above floor plate.

DESIGN	LAT. 1	MAIN 22 WLS.
CR. BY	PROJ. NO. 468-76-245-80768-000-000-008	
CR. BY		
DATE	LIFT STATION DETAILS	
JOB NO.		
94	VAN DOREN, MAZARD & TALLINGS	
	ARCHITECTS-ENGINEERS • WILMINGTON, DELAWARE	
	SHEET 2	
	OF 2	