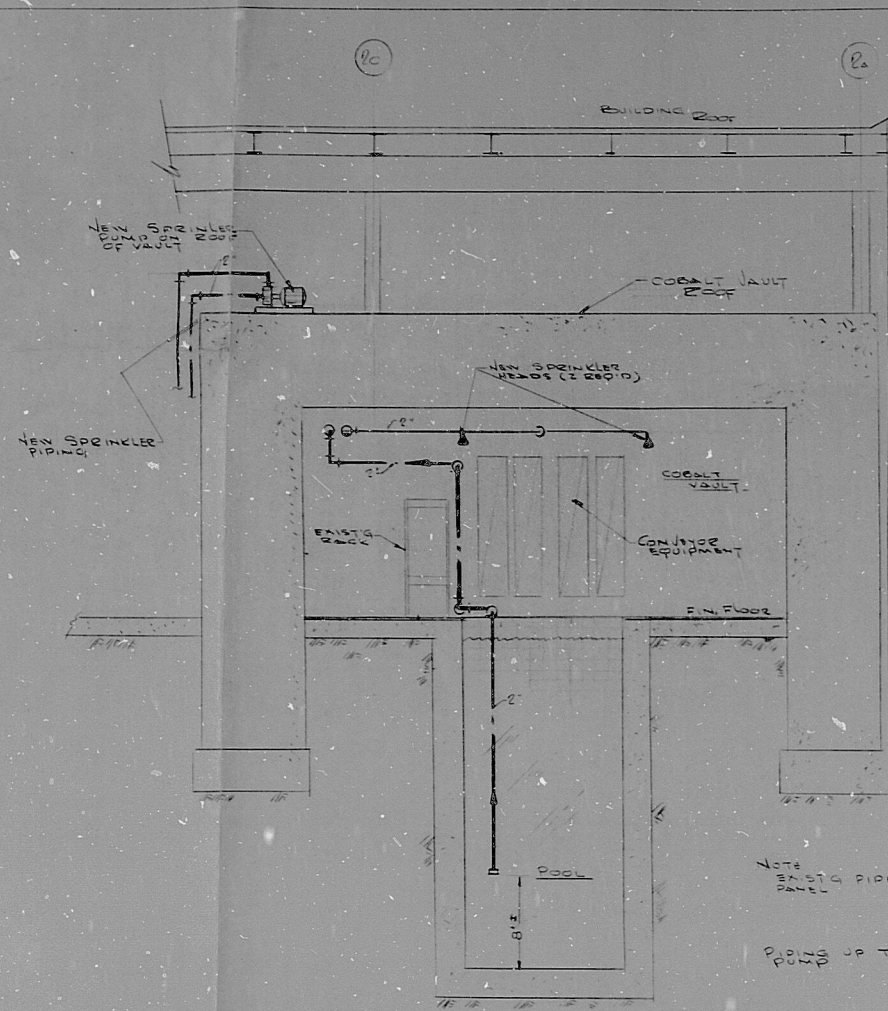
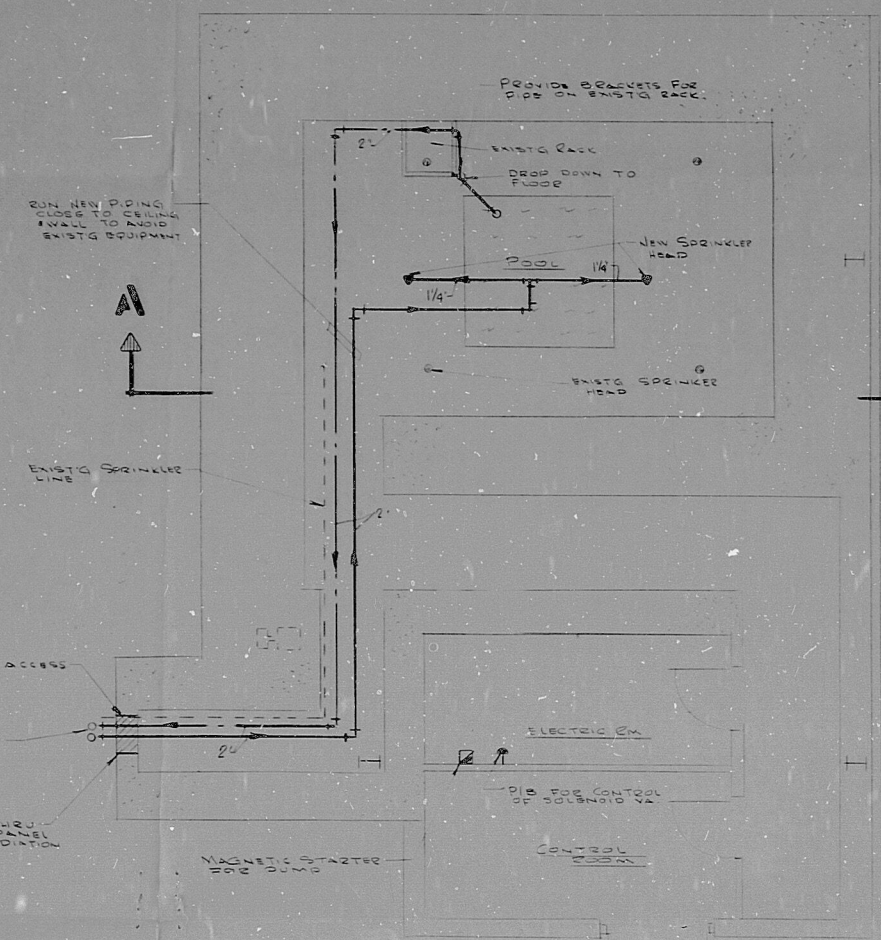




SECTION A-A

- NOTES:
1. PROVIDE ALL LABOR AND MATERIALS FOR A NEW POOL WATER RECIRCULATION SYSTEM FOR FIRE PROTECTION.
 2. NEW PIPING SHALL BE RUN THROUGH EXISTING ACCESS PANEL, AS SHOWN. PROVIDE ALL NECESSARY RADIATION SHIELDING IN PANEL AFTER PIPE INSTALLATION. ENTIRE AREA SHALL BE TESTED FOR RADIATION LEAKS AFTER INSTALLATION IS COMPLETED.
 3. ALL PIPING, FITTINGS AND VALVES SHALL BE 1628 STAINLESS STEEL.
 4. PROVIDE ALL NECESSARY ELECTRICAL WORK TO INSTALL THE SYSTEM. ALL WORK SHALL BE IN ACCORDANCE WITH THE N.E.C., 1981 EDITION.
 5. ALL WORK SHALL BE COORDINATED WITH THE STERILIZATION DEPARTMENT AND SAFETY RULES AND REGULATIONS.
 6. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL LAWS.

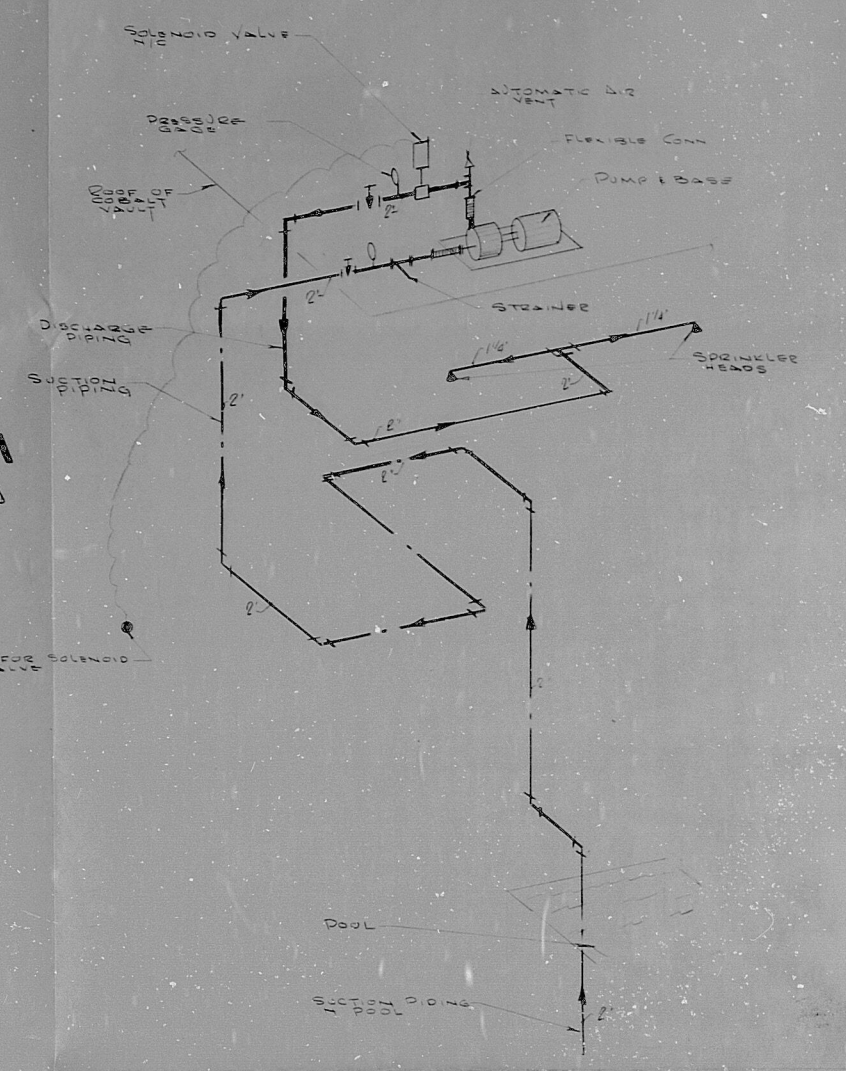


PLAN - COBALT VAULT
SCALE 1/4" = 1'-0"

NEW SPRINKLER PUMP
ITT MARLOW MODEL NO. 14-HL-10, 50 G.P.M. @ 77 FOOT HEAD - 3450 R.P.M.
3 HP AT 480 VOLTS, 3 PHASE.

CONTROLS
THE NEW SPRINKLER PUMP SHALL BE MANUALLY STARTED THROUGH A MAGNETIC STARTER. PROVIDE A N/C SOLENOID VALVE WITH SEPARATE PUSH-BUTTON CONTROLS.

SEQUENCE - PUMP SHALL BE INTERLOCKED THROUGH RELAY SO THAT IT CAN NOT START UNLESS SOLENOID VALVE IS OPENED WITH ITS CONTROLLER. THIS IS TO PREVENT ACCIDENTAL WATER DISCHARGE INTO THE VAULT.



SCHEMATIC PIPING CONNECTIONS

PRC
APERTURE
CARD

	Luongo Associates, PA. consulting engineers 235 moore st. HACKENSACK, N.J. 07601
	SPRINKLER SYSTEM FOR COBALT VAULT
SECTION DICKINSON COBALT VAULT	COMM'D DATE 1/1/82
PETER J. LUONGO, P.E.	DWG NO. S-1

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RIDS

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