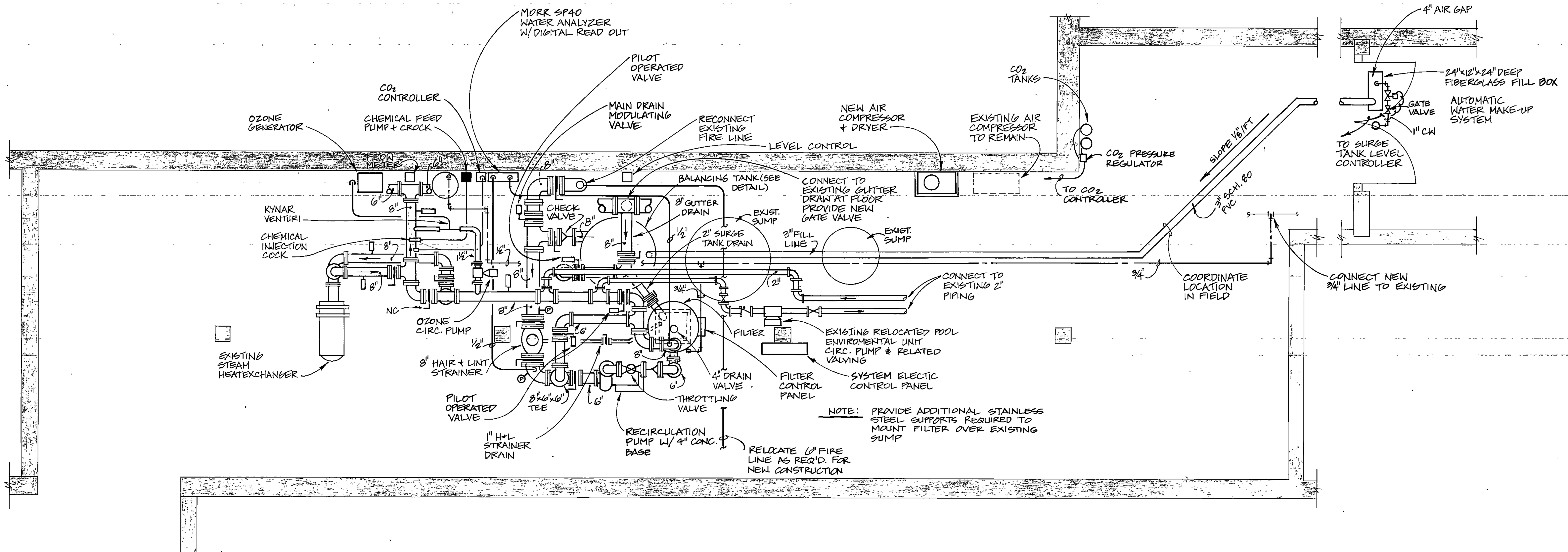
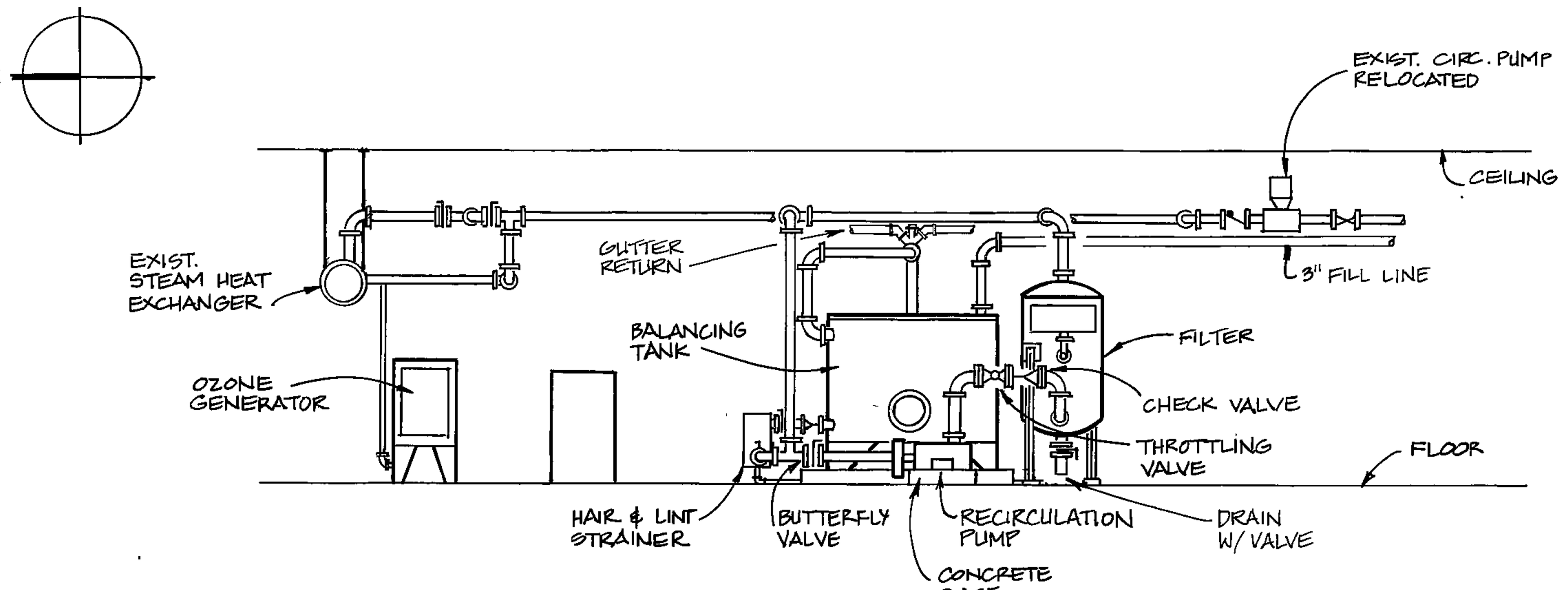
GENERAL NOTES

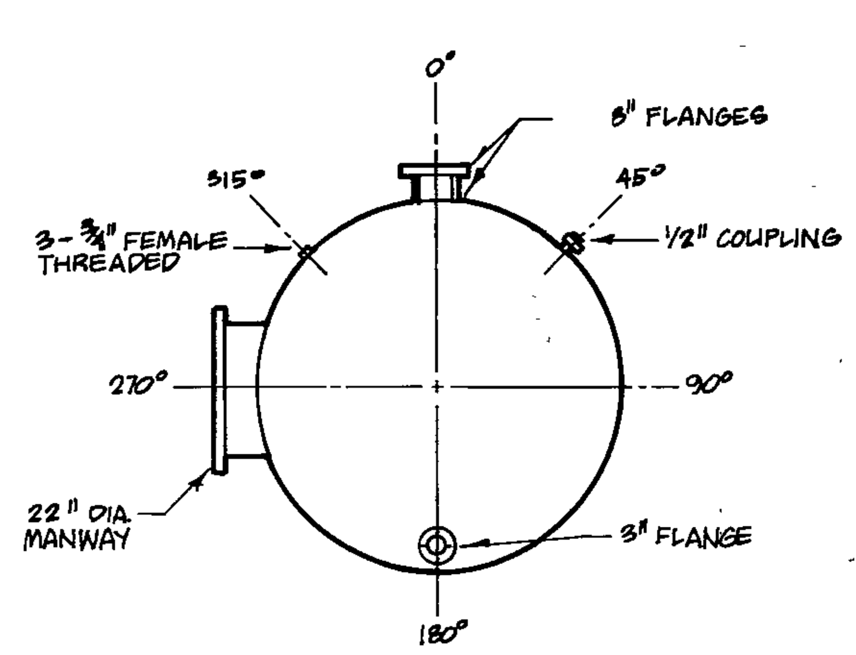
1. Connections to equipment shall conform to manufacturer's specifications.
2. All hanger systems for piping and equipment shall be secured to building's structure.
3. Provide and install 3/4" hose bibb and 3/4" piping from existing cold water system to precoat pot on filter. Install hose bibb in best location for ease of operation.
4. Reconnect any existing pool water temperature control equipment or wiring removed at demolition. System to maintain proper operation after reconnection.
5. Provide and install compound gauge at hair and lint strainer.
6. Provide and install 3/4" hose bibb and 3/4" piping from existing cold water system to existing chemical mix tanks. Install hose bibb in best location for ease of operation.
7. Pool shall be drained and filled in a slow and consistent manner. Coordinate method with building Owner.
8. Install support and bracing for filter piping at filter so as to provide adequate pipe stability during the filter regenerative process.
9. Contractor shall provide and install compressed air piping as required for filter control system.
10. Make all excavations at pool deck cut to the depth necessary to expose the existing piping at to allow ample room to work on the existing pool inlets. Exercise care to avoid undermining of the existing slab. Excavation shall be nearly as vertical as possible to the outside of the cut. On the pool side, the excavation shall be complete to the pool wall. New piping shall be supported from the existing angle supports with new hangers.
11. After the pipe has been installed, inspected and tested, backfill as follows: Place the excavated material in six inch layers and thoroughly tamp under and around the pipe and across the full width of the trench to a point one foot above the top of the piping. Provide moist, but not wet, backfill.
12. Under no conditions must backfilled materials be allowed to drop on the pipe. Install the remainder of the backfill in six inch layers and hand tamp each layer thoroughly before the next layer is placed.
13. Include in the base bid, the cost to perform compaction tests at the locations determined by the Engineer/Architect. The maximum number of tests in compliance with the compaction requirements of the specifications shall be four tests each for north, south, and east sides of the pool.
14. All new domestic water piping shall be of the type and/or schedule to match the existing. Insulate all new domestic water piping with 1/2" thick foamed plastic insulation.
15. Drawings are diagrammatic and generally indicative of the work. Piping and systems shall follow arrangement as much as possible, however actual field conditions shall dictate. Provide necessary modifications to meet field conditions and avoid conflict with existing equipment. In addition, the Drawings do not show all valves, fittings, appurtenances, elevation changes, and various other items called for by the Drawings and Specifications. Where required, these items shall be provided without additional cost for a complete and operating system.
16. Provide a EP switch to close the temperature control valves and stop the flow of steam to the to the pool heat exchanger, before the circulating pump stops for the recote cycle of the filter.



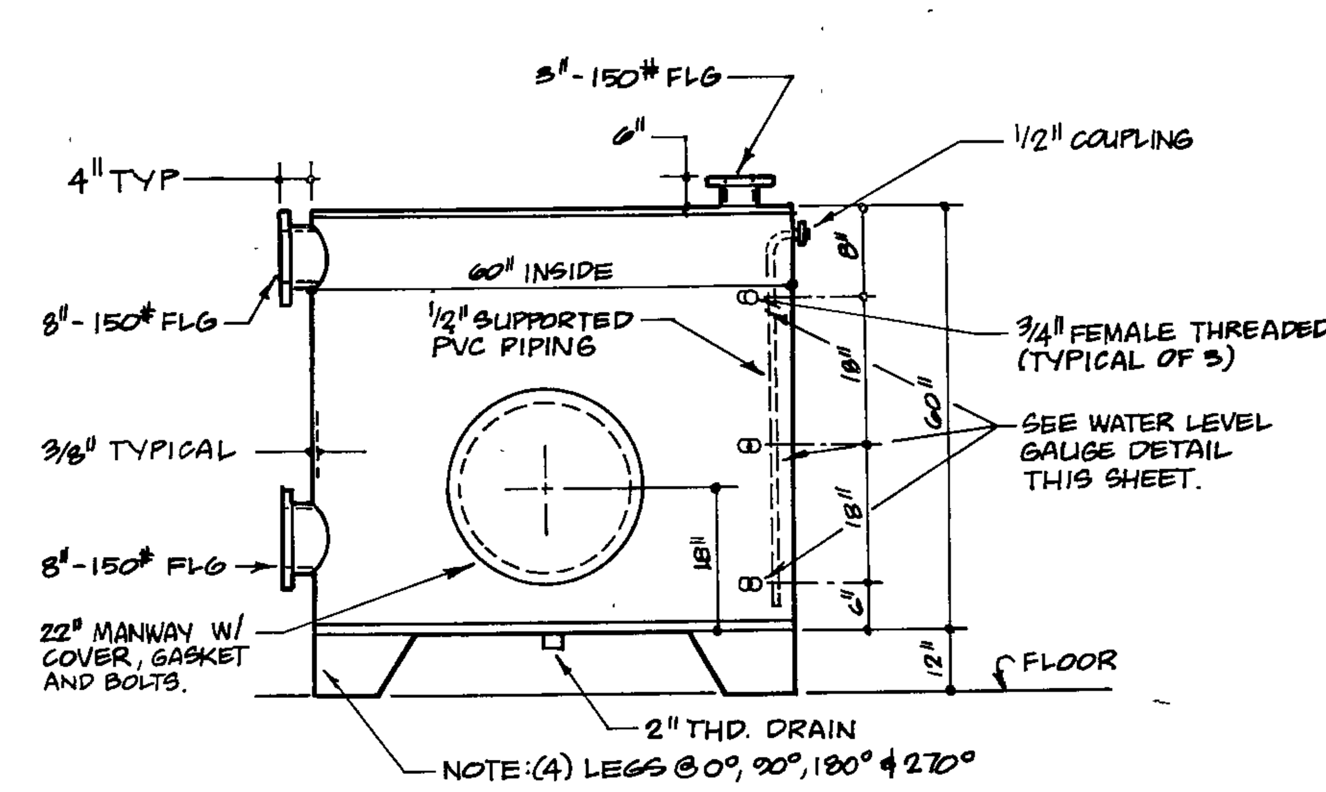
POOL EQUIPMENT ROOM PLAN
SCALE: 1/4"=1'-0



ELEVATION
NOT TO SCALE

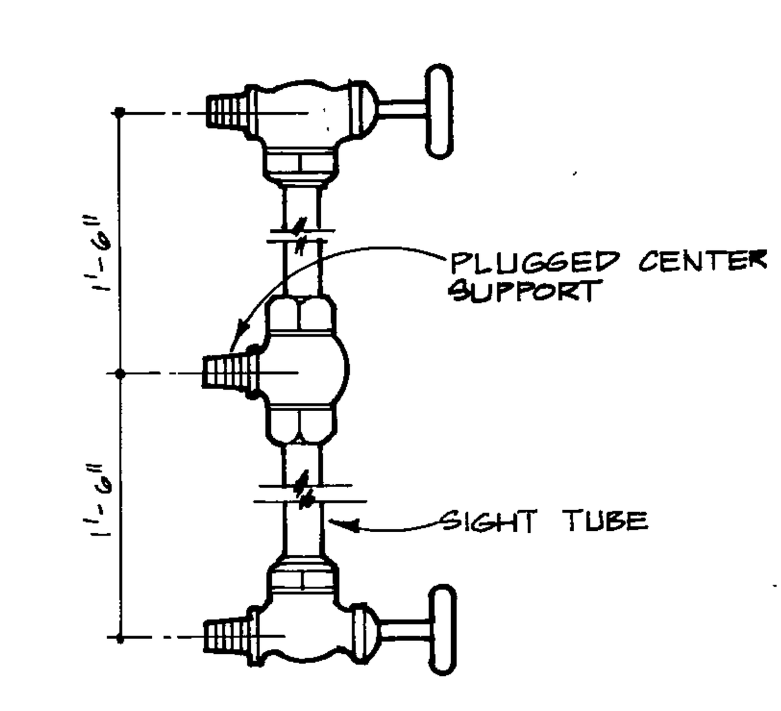


ORIENTATION VIEW



ELEVATION VIEW

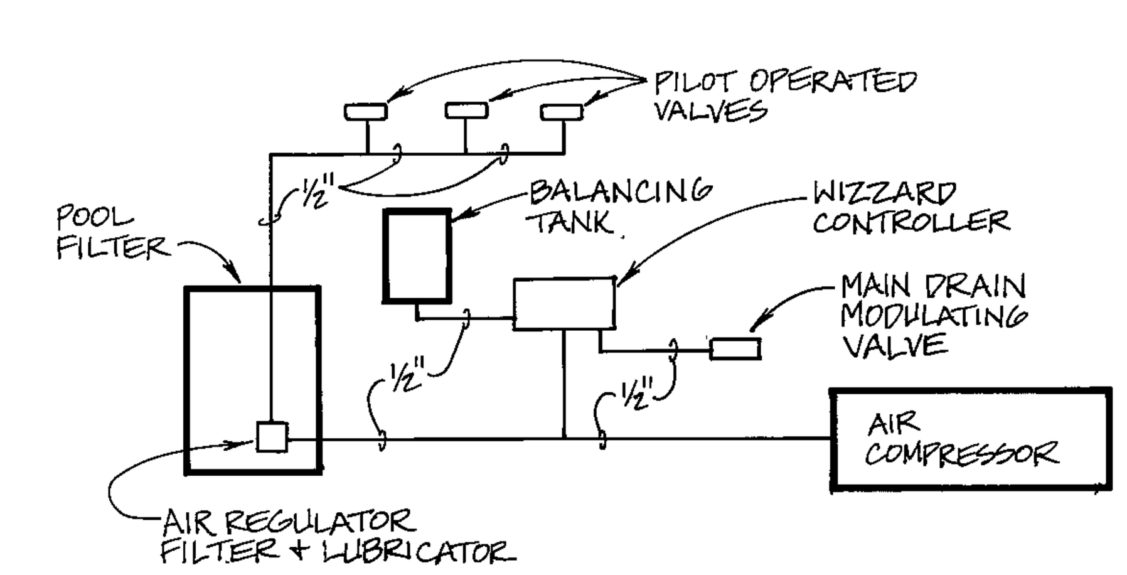
BALANCING TANK DETAIL
NOT TO SCALE



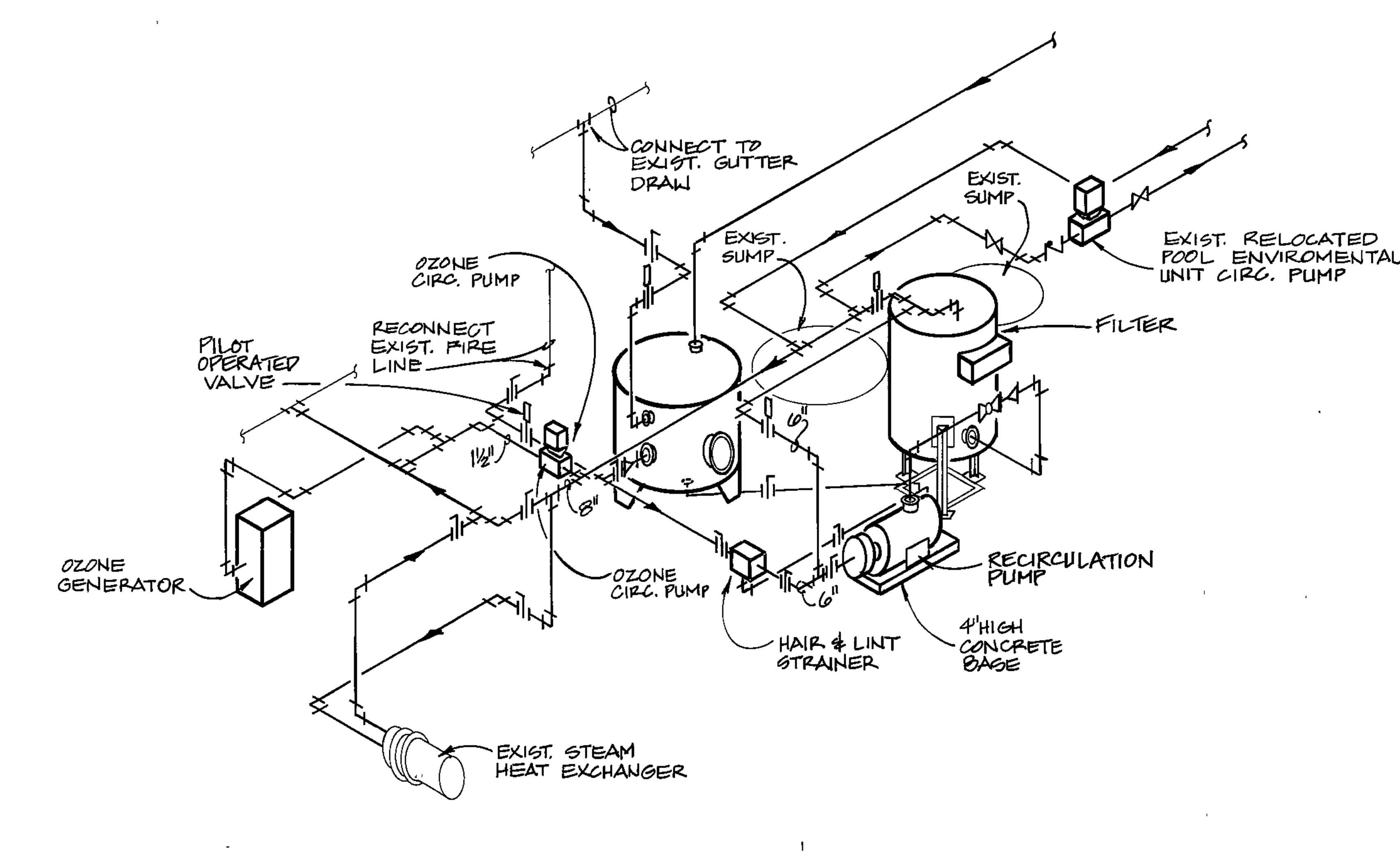
WATER LEVEL GAUGE
NOT TO SCALE

LEGEND

C	CONDUIT
E.C.	ELECTRICAL CONTRACTOR
M.C.	MECHANICAL CONTRACTOR
(P)	PRESSURE GAUGE
	THERMOMETER
	COLD WATER
—PS—	POOL SUPPLY
—GD—	GUTTER DRAIN
	BUTTERFLY VALVE
	MOTOR LOCATION
	COMBINATION MAGNETIC MOTOR STARTER AND DISCONNECT SWITCH
30A	NO FUSE DISCONNECT SWITCH. NUMBER INDICATES SIZE.
C	CONTROL CONNECTION
	EXISTING PANELBOARD
T	EXISTING TRANSFORMER
3#10-3/4"C	WIRE AND CONDUIT SIZE OTHER THAN MINIMUM SPECIFIED. CONDUIT SIZE, WIRE SIZE, NUMBER OF WIRES
	CONDUIT AND WIRE



AIR PIPING DETAIL
NOT TO SCALE



POOL FILTRATION PIPING SCHEMATIC
NOT TO SCALE

92-M-03

REVISIONS	BY

POOL EQUIPMENT ROOM

SWIMMING POOL FILTER & PIPING PROJECT
DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA
gerometta & kinel architects, inc. chesterton, indiana

THOMAS R. COOK REGISTERED No. 21346 STATE OF INDIANA PROFESSIONAL

Date	FEB. 18, 1992
Scale	AS NOTED
Drawn	M.T
Job	9201 A
Sheet	M-3
Of 5	Sheets