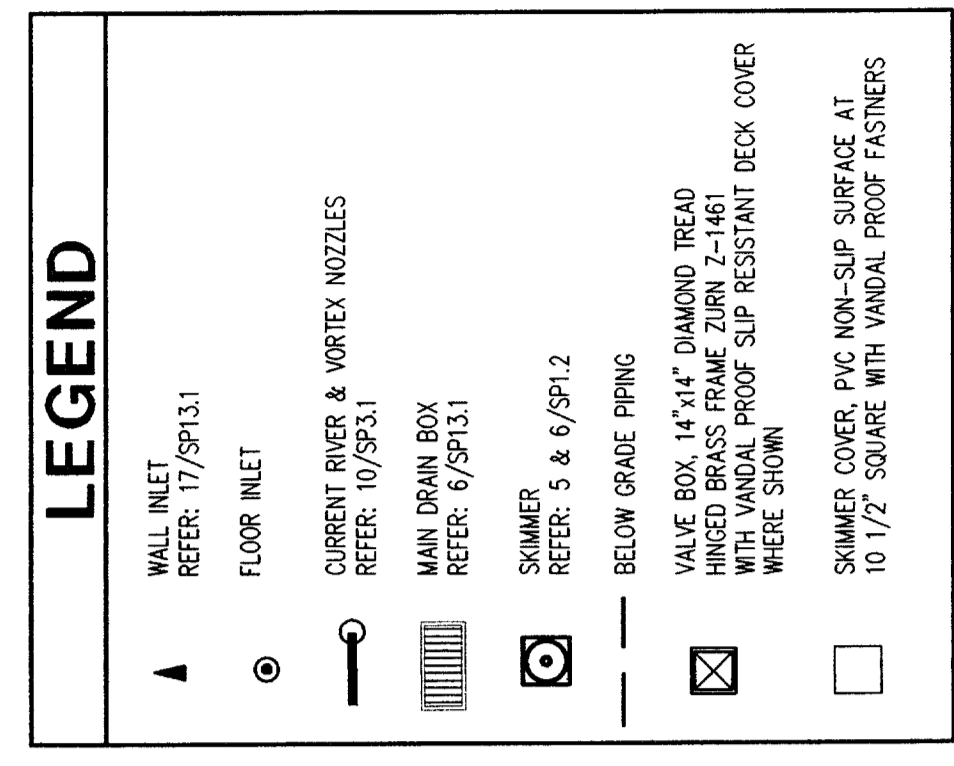


- PIPING NOTES**
 (PERTAINS TO ALL PIPING)
1. ALL PIPING SHOWN SHALL BE CONSIDERED DIAGRAMMATIC.
 2. COORDINATE ALL PIPING WITH PLUMBING MECHANICAL AND ELECTRICAL.
 3. ALL PIPING BELOW POOL FLOOR SHALL BE ENCASED IN CONCRETE.
 4. COORDINATE ALL POOL PIPE ROUTING AND ELEVATIONS WITH ALL TRACES.
 5. ALL ENCASED PIPES SHOWN ARE NOMINAL PIPE DIAMETERS, SCHEDULE 40 PVC, UNLESS OTHERWISE NOTED. NOMINAL PIPE DIAMETERS, SCHEDULE 80 PVC UNLESS OTHERWISE NOTED.
 6. ALL SWIMMING POOL PIPING MUST MEET ASTM D-1785 AND BE NSF APPROVED. SEE SPECIFICATIONS FOR MORE DETAIL.
 7. ALL DIMENSIONS ARE SHOWN TO INSIDE FINISHED WALLS AND DO NOT TAKE INTO ACCOUNT FLOOR SLOPES.
 8. INSTALL FLOW SENSORS AND/OR IMPACT FLOW METERS TO PIPE DIAMETERS DOWNSTREAM AND 5 PIPE DIAMETERS UPSTREAM OF ANY FITTING.
 9. THE CHEMICAL SENSOR LINE SHALL BE A 1/2" PVC LINE EXTENDING FROM THE MET CELL SENSOR TO THE POOL'S RESPECTIVE FIL PANEL.

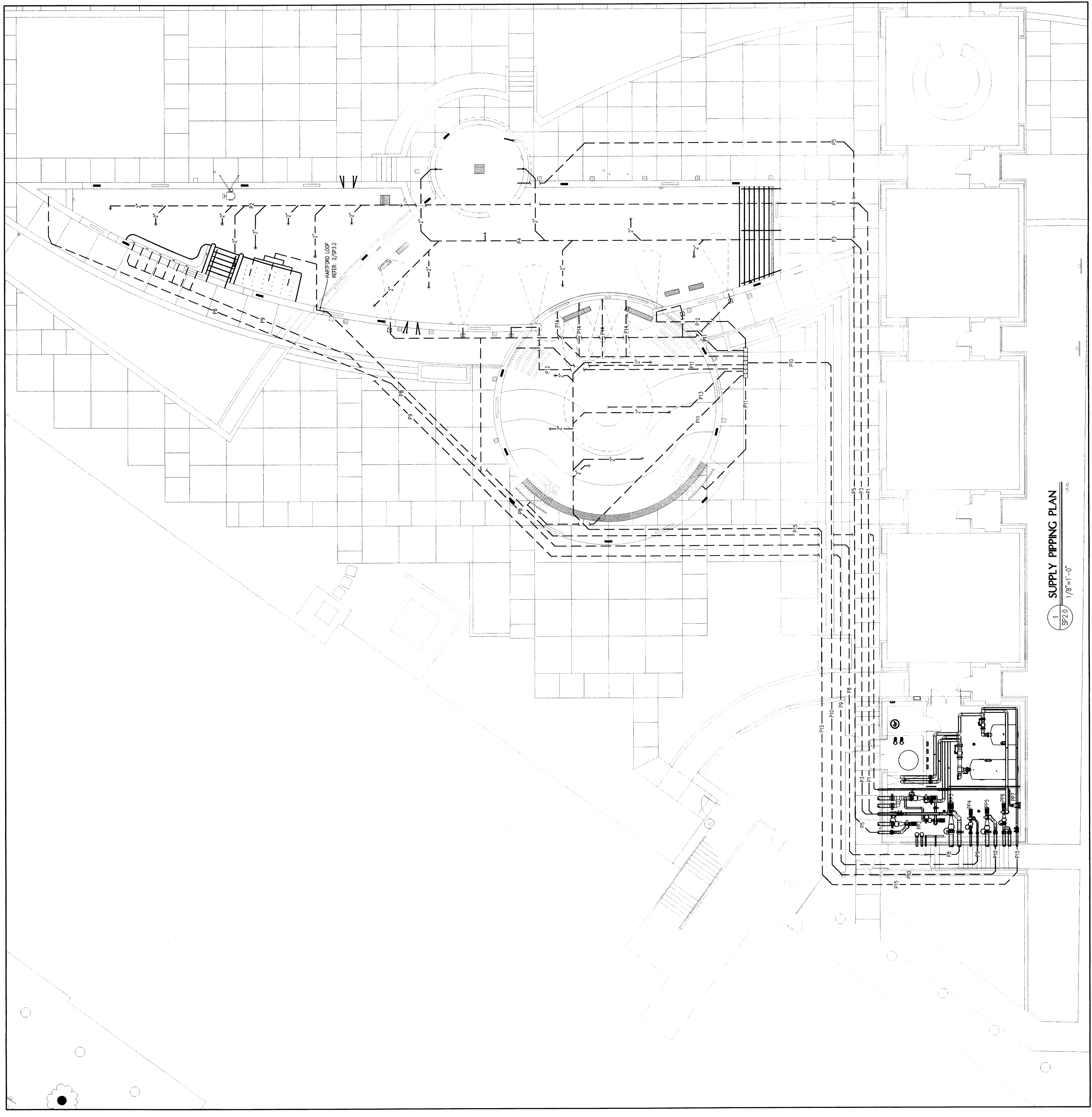


PUMP SCHEDULE

ID	DESCRIPTION	CSM	TDH	HP	SPECIFICATIONS
PP1	LEISURE POOL RECIRCULATION PUMP	750	60	20	
PP2	VORTEX PUMP	500	40	10	
PP3	WATER FALL PUMP	750	40	15	
PP4	LEISURE POOL HYDROTHERAPY PUMP	190	40	3	
PP5	CHILDREN'S WATER FEATURE PUMP	1000	40	15	
PP6	CHILDREN'S POOL RECIRCULATION PUMP	250	60	7.5	
PP7	AIR BLOWER	70	525M @ 75" H2O	3	
PP8	STEAMER PUMP	-	-	-	
PP9	SEASONAL BYPASS	-	-	-	
PP10	SEASONAL BYPASS	200	60	5	

PIPING SCHEDULE

ID	SIZE	DESCRIPTION
P1	6"	TO UPPER POOL INLETS - 1
P2	4"	TO UPPER POOL INLETS - 2
P3	4"	TO LOWER POOL INLETS - 1
P4	3"	TO LOWER POOL INLETS - 2
P5	6"	TO VORTEX NOZZLE
P6	6"	TO WATER FALL PRIMARY
P7	3"	LONGER POOL FEATURE
P8	6"	TO WATERFALL BRANCH
P9	3"	TO HYDROTHERAPY INLETS
P10	6"	TO WATER FEATURES VALVE BOX
P11	3"	TO SPRINKLER
P12	4"	TO AQUADUCT
P13	2"	TO WATER WHOPPY
P14	2"	TO WALLSPRAY
P15	4"	TO CHILDREN'S POOL INLETS
P16	8"	FROM LEISURE POOL SWIMMERS
P17	8"	FROM LEISURE POOL MAIN DRAINS
P18	4"	FROM CHILDREN'S POOL SWIMMERS - 1
P19	4"	FROM CHILDREN'S POOL SWIMMERS - 2
P20	8"	FROM VORTEX MAIN BRANCH
P21	8"	FROM WATER FALL MAIN DRAINS
P22	4"	FROM HYDROTHERAPY MAIN DRAIN
P23	8"	FROM WATER FEATURES MAIN DRAINS
P24	6"	FROM CHILDREN'S POOL MAIN DRAINS
P25	2"	EQUALIZER TP
P26	3"	FROM BLOWER TO BUBBLE COUCH
F1	3"	LEISURE POOL FILL LINE
F2	3"	CHILDREN'S POOL FILL LINE
S1	2"	LEISURE POOL STATIC LINE
S2	2"	CHILDREN'S POOL STATIC LINE



1 SUPPLY PIPPING PLAN
 SP2.0 1/8"=1'-0"