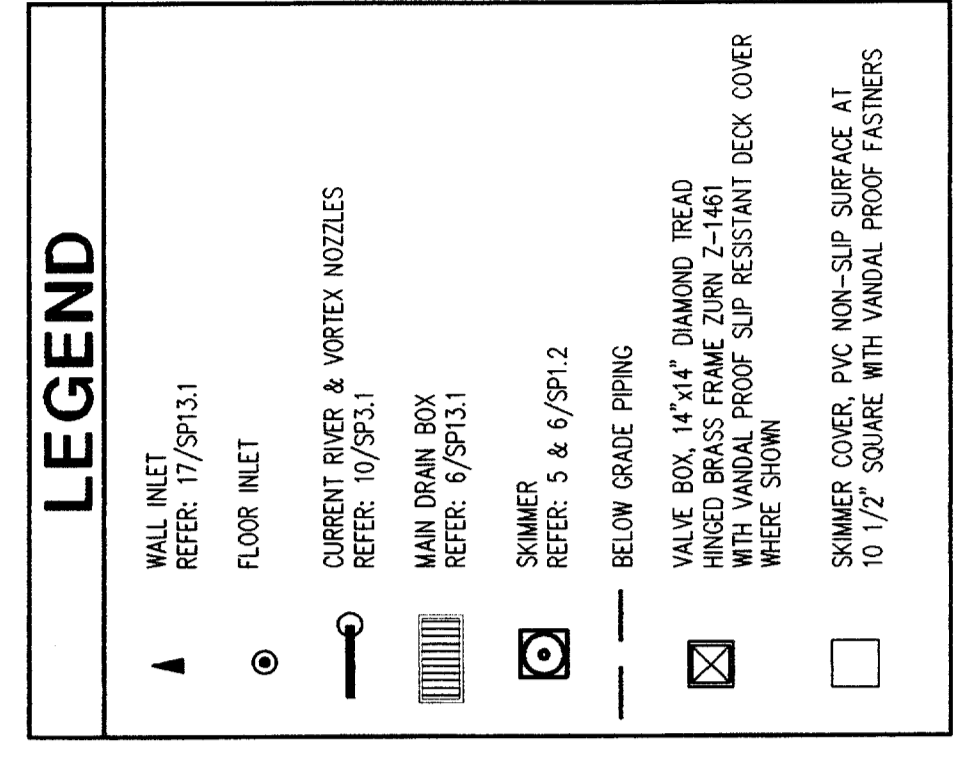


PIPING NOTES
 (PERTAINS TO ALL PIPING)

1. ALL PIPING SHOWN SHALL BE CONSIDERED DIAGRAMMATIC.
2. COORDINATE ALL PIPING WITH PLUMBING MECHANICAL AND ELECTRICAL.
3. ALL PIPING BELOW FLOOR FLOOR SHALL BE ENCASED IN CONCRETE.
4. COORDINATE ALL POOL PIPE ROUTING AND ELEVATIONS WITH ALL TRIMMES.
5. ALL ENCASED PIPES SHOWN ARE NOMINAL PIPE DIAMETERS, SCHEDULE 40 PVC, UNLESS OTHERWISE INDICATED. ALL OTHER PIPES SHALL BE SCHEDULE 80 PVC UNLESS OTHERWISE INDICATED.
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 SWITCHES AND/OR IMPACT FLOW METERS TO PIPE DIAMETERS DOWNSTREAM AND 3 PIPE DIAMETERS UPSTREAM OF ANY FITTING.
9. THE CHEMICAL SENSOR LINE SHALL BE A 1/2" PVC LINE EXTENDING FROM THE NET CELL SENSOR TO THE POOL'S RESPECTIVE FILL FUNNEL.

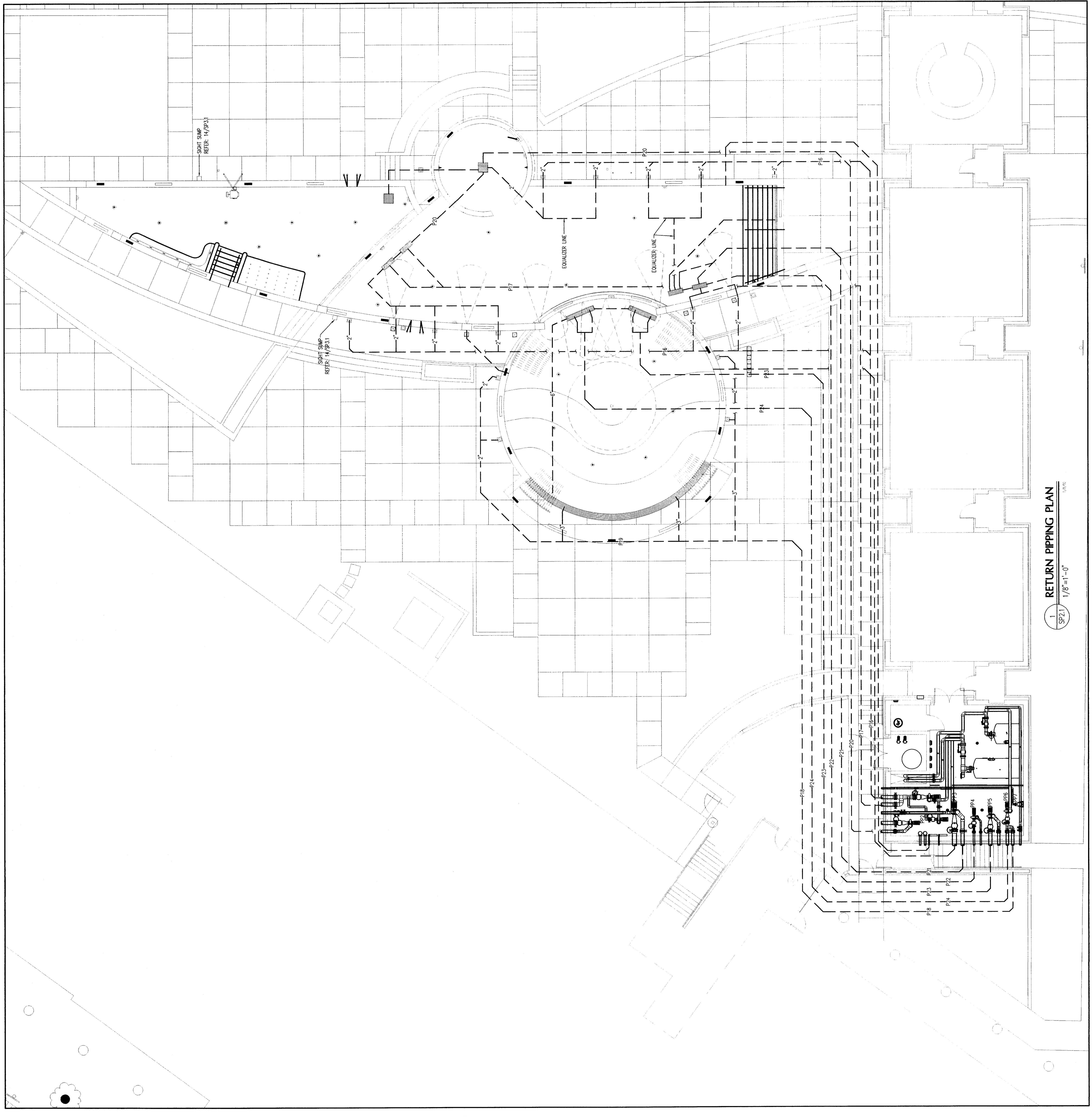


PUMP SCHEDULE

ID	DESCRIPTION	QPM	TDH	HP
PP1	LEISURE POOL RECIRCULATION PUMP	750	30	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 SCFM @ 75" H2O	3	-
PP8	STENGER PUMP	-	-	-
PP9	STENGER PUMP	-	-	-
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"	WATER FALL PRIMARY
P7	3"	LOWER POOL FEATURE
P8	6"	TO WATERBALL BRANCH
P9	3"	TO HYDROTHERAPY INLETS
P10	6"	TO WATER FEATURES VALVE BOX
P11	3"	TO SPANBAR
P12	4"	TO AERODUCT
P13	2"	TO WATER WHIRPLY
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	6"	FROM CHILDREN'S POOL SWIMMERS - 1
P19	4"	FROM CHILDREN'S POOL SWIMMERS - 2
P20	8"	FROM VORTEX MAIN DRAIN
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 T/P
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 RETURN PIPING PLAN
 1/8"=1'-0"