

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 TRADES.
5. ALL ENCASED PIPES SHOWN ARE NOMINAL PIPE DIAMETERS, SCHEDULE 40 PVC. ALL EXPOSED PIPES ARE NOMINAL PIPE DIAMETERS, 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 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 WET CELL SENSOR TO THE POOL'S RESPECTIVE FILL FUNNEL.

LEGEND

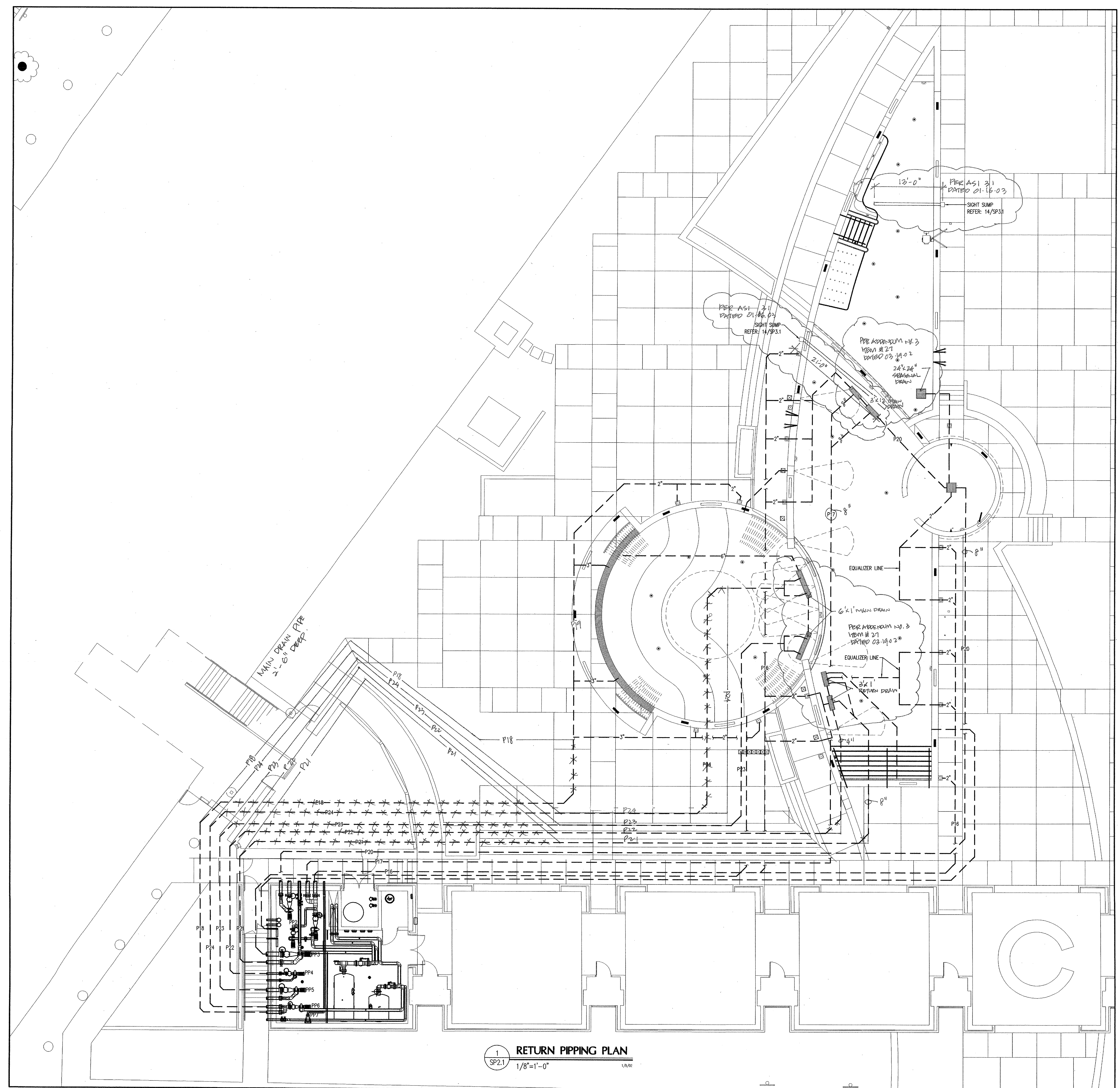
- ▲ WALL INLET
REFER: 17/SP13.1
- FLOOR INLET
- ⌋ CURRENT RIVER & VORTEX NOZZLES
REFER: 10/SP3.1
- ▭ MAIN DRAIN BOX
REFER: 6/SP13.1
- ⊙ SKIMMER
REFER: 5 & 6/SP1.2
- BELOW GRADE PIPING
- ⊠ VALVE BOX, 14"x14" DIAMOND TREAD HINGED BRASS FRAME ZURN Z-1461 WITH VANDAL PROOF SLIP RESISTANT DECK COVER WHERE SHOWN
- SKIMMER COVER, PVC NON-SLIP SURFACE AT 10 1/2" SQUARE WITH VANDAL PROOF FASTENERS

PUMP SCHEDULE

ID	DESCRIPTION	SPECIFICATIONS		
		GPM	TDH	HP
PP1	LEISURE POOL RECIRCULATION PUMP	790	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 SCFM @ 75" H2O		3
PP8	STENNER PUMP	-	-	-
PP9	STENNER 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 WATERFALL BRANCH
P9	3"	TO HYDROTHERAPY INLETS
P10	6"	TO WATER FEATURES VALVE BOX
P11	3"	TO SPRAYBAR
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 SKIMMERS
P17	8"	FROM LEISURE POOL MAIN DRAINS
P18	6"	FROM CHILDREN'S POOL SKIMMERS - 1
P19	4"	FROM CHILDREN'S POOL SKIMMERS - 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 TAP
P26	3"	FROM BLOWER TO BUBBLE COUGH
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
 SP2.1
 1/8"=1'-0"