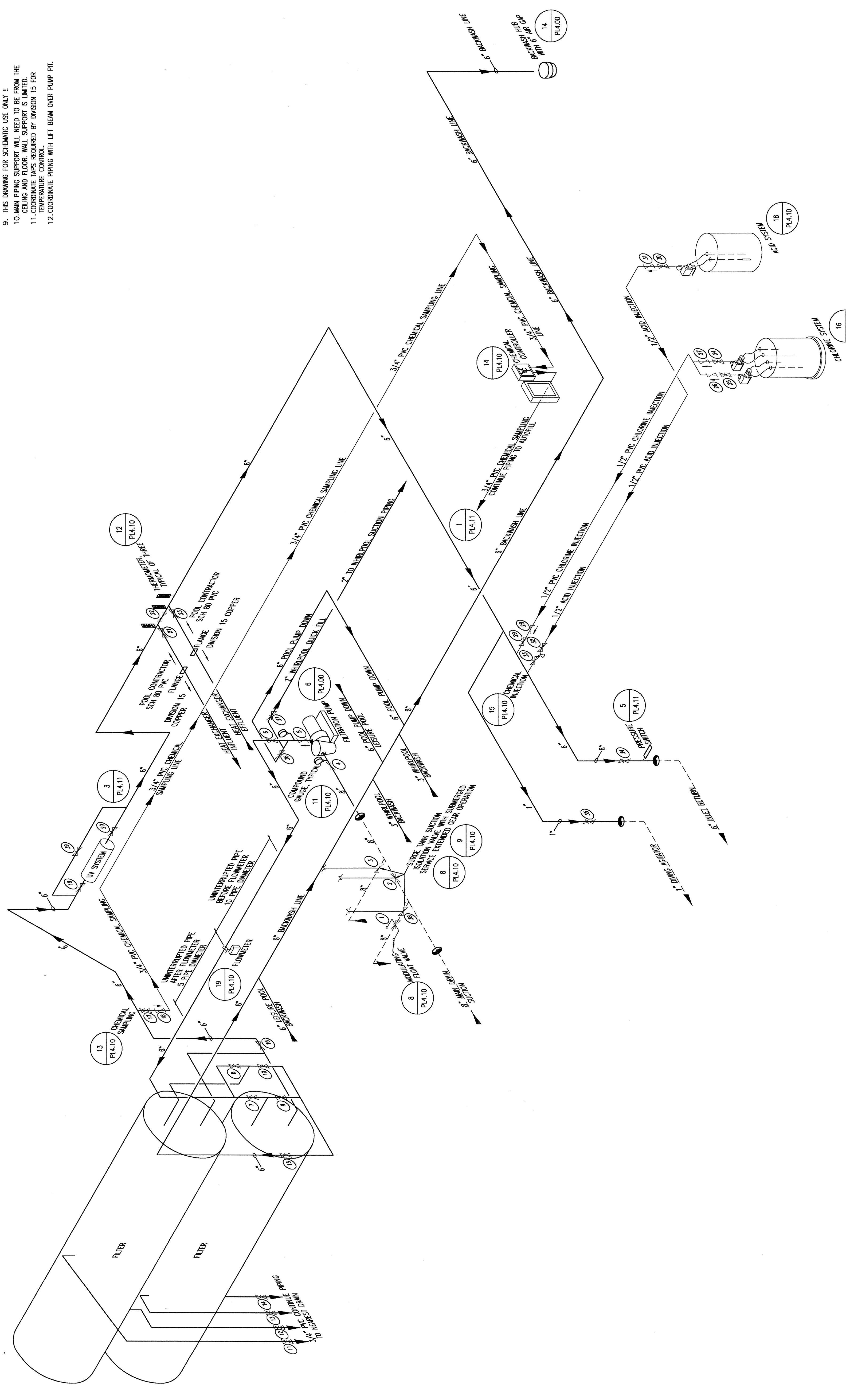


- NOTES**
- SEE PL4.10 FOR EQUIPMENT LOCATIONS.
 - ALL EQUIPMENT TO BE MOUNTED ON HOUSING KEYS. 15150 CONTRACTOR SHALL VERIFY EQUIPMENT PRO HEIGHTS WITH THE MANUFACTURER.
 - SUPPORT PIPES PER DETAIL PL4.10-12.3.4.5.6. & 7.
 - SEE DETAIL PL4.10-3 FOR REMEDIATION AT CONNECTIONS.
 - SEE DETAIL PL4.10-4 FOR REMEDIATION AT PIPING.
 - SEE SHEET PL4.10-1 FOR CONTINUATION OF PIPING.
 - REFER TO VALVE LEGEND FOR VALVE NUMBERS, LOCATION AND QUANTITIES.
 - ARROWS DENOTE DIRECTION OF FLOW.
 - THIS DRAWING FOR SCHEMATIC USE ONLY !!
 - MAIN PIPING SUPPORT WILL NEED TO BE FROM THE CEILING AND FLOOR. WALL SUPPORT IS LIMITED.
 - TEMPERATURE CONTROL REQUIRED BY DESIGN IS FOR TEMPERATURE CONTROL.
 - COORDINATE PIPING WITH LIFT BEAM OVER PUMP PIT.



NUMBER	TYPE	OPERATOR	DESCRIPTION
1	MODULATING	---	MAIN DRAIN
2	BUTTERFLY	S.S.C.G.	ISOLATION VALVE
3	BUTTERFLY	S.S.C.G.	PUMP SUCTION
4	BUTTERFLY	GEAR	FILTRATION PUMP DISCHARGE
5	CHECK	---	FILTRATION PUMP DISCHARGE
6	BUTTERFLY	GEAR	FILTRATION PUMP THROTTLING
7	3-WAY BUTTERFLY	LEVER	FILTER BACKWASH
8	3-WAY BUTTERFLY	LEVER	FILTER BACKWASH
9	3-WAY BUTTERFLY	LEVER	FILTER INFLUENT
10	3-WAY BUTTERFLY	LEVER	FILTER AIR RELEASE
11	TU.B.V.	---	FILTER DRAIN
12	TU.B.V.	---	FILTER AIR RELEASE
13	TU.B.V.	---	FILTER DRAIN
14	TU.B.V.	---	FILTER DRAIN
15	BUTTERFLY	GEAR	BACKWASH THROTTLING
16	BUTTERFLY	GEAR	PRIORITY VALVE
17	TU.B.V.	---	CHEMICAL SAMPLING LINE
18	TU.B.C.	---	CHEMICAL SAMPLING LINE
19	BUTTERFLY	LEVER	UV INFLUENT
20	BUTTERFLY	LEVER	UV EFFLUENT
21	BUTTERFLY	LEVER	HEAT EXCHANGER INFLUENT
22	BUTTERFLY	LEVER	HEAT EXCHANGER BY-PASS
23	BUTTERFLY	LEVER	HEAT EXCHANGER EFFLUENT
24	TU.B.V.	---	CHLORINE PUMP DISCHARGE
25	TU.B.V.	---	CHLORINE PUMP DISCHARGE
26	TU.B.C.	---	CHLORINE PUMP THROTTLING
27	TU.B.C.	---	CHLORINE PUMP THROTTLING
28	TU.B.C.	---	CHLORINE INJECTION
29	TU.B.V.	---	CHLORINE INJECTION
30	TU.B.V.	---	ACID PUMP DISCHARGE
31	TU.B.C.	---	ACID PUMP THROTTLING
32	TU.B.V.	---	ACID INJECTION
33	TU.B.V.	---	ACID INJECTION
34	BUTTERFLY	GEAR	INLET RETURN THROTTLING
35	TU.B.V.	---	AGITATOR THROTTLING
36	BUTTERFLY	LEVER	POOL PUMP DOWN
37	TU.B.V.	---	WHIRLPOOL QUICK FILL
38	BUTTERFLY	S.S.C.G.	MAIN DRAIN ISOLATION
39	BUTTERFLY	GEAR	UV BY-PASS

TU.B.V. = TURNED UP WITH FULCRUM
 TU.B.C. = TRUE UNION BALL CHECK
 S.S.C.G. = SUBMERGED SERVICE EXTENDED GEAR
 S.S.C.G. = SUBMERGED SERVICE EXTENDED GEAR
 IF ALL VALVES REQUIRED FOR THIS PROJECT ARE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE ALL PIPES REQUIRED.

COMPETITION POOL VALVE LEGEND

SCALE: NONE

COMPETITION POOL FILTRATION ISOMETRIC

PL4.12-4

THIS SPACE NOT USED

PL4.12-2

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PL4.12-3

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PL4.12-5

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PL4.12-6

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PL4.12-10

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PL4.12-11

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PL4.12-34

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PL4.12-35

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PL4.12-36

THIS SPACE NOT USED



Drawn By: JWH
 Checked By: JC
 Date: 4/25/2005
 Revision / Date: 2/7/05
 PERMITS ISSUE: 3/1/05
 PERMITS RE-OPEN: 4/1/05
 BRD ISSUE: 4/25/05

Sheet Title: COMPETITION POOL ISOMETRIC & VALVE LEGEND

PL4.12