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REGISTRATION
 PROFESSIONAL OF RECORD: E. RIVERO, P.E.
 DISCIPLINE: ELECTRICAL ENGINEERING
 REGISTRATION NO.: 42709

ISSUE

01-29-10	DRN REVIEW COMMENTS
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MARK	DATE	DESCRIPTION
PROJECT NO:		60028604
DRAWN BY:		
CHECKED BY:		
DATE:		10-22-2009
KEY PLAN		

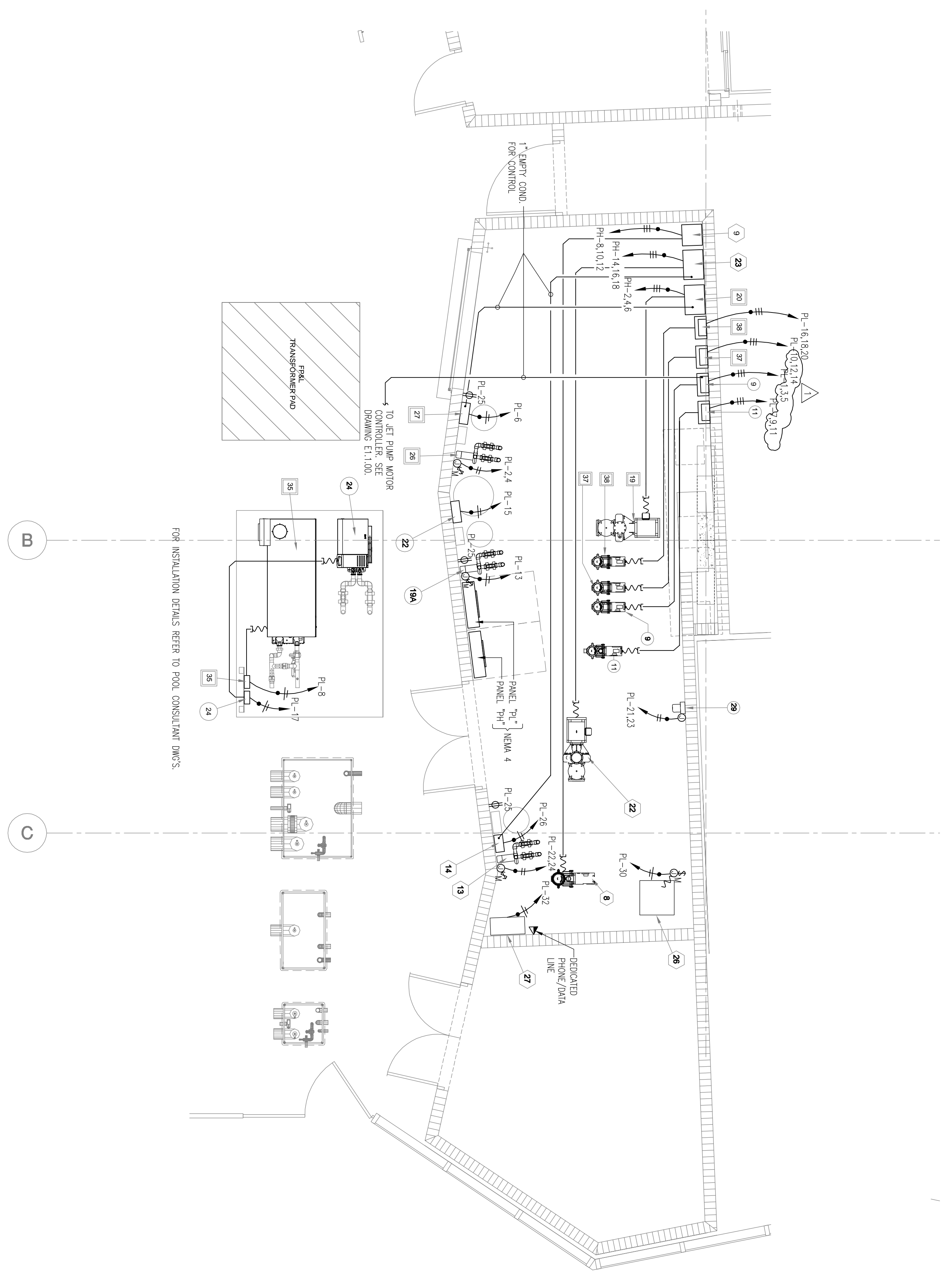
SHEET TITLE
ENLARGED POOL
EQUIPMENT ROOM
POWER PLAN

E3.1.02

EQUIPMENT LEGEND (1)

ID#	DESCRIPTION	VOLT / Ø / Hz	VA (HP)	REMARKS
19	FILTER PUMP	480 / 3 / 60	(14 HP)	
20	PO-1	480 / 3 / 60	17000 VA	FOR FILTER PUMP
26	BOOSTER PUMP	208 / 1 / 60	(1 HP)	INTRODUCED FILTER PUMP
27	CHEMICAL CONTROLLER	120 / 1 / 60	1536 VA	FOR CHEMICAL PUMP PANEL CONTROLS
36	GAS HEATER	208 / 3 / 60	(1.5 HP)	
37	SLIDE PUMP	208 / 3 / 60	(3 HP)	
38	LEFT BEACH ENTRY PUMP	208 / 3 / 60	(3 HP)	
4	FILTER PUMP	480 / 3 / 60	(2.5 HP)	FOR FILTER PUMP
9	VFD 2	480 / 3 / 60	9645 VA	
13	BOOSTER PUMP	208 / 1 / 60	1620 VA	
14	CHEMICAL CONTROLLER	120 / 1 / 60	1536 VA	
17	CHEMICAL DOSE SYSTEM	120 / 1 / 60	(14 HP)	
22	FEATURE PUMP	480 / 3 / 60	17000 VA	
23	VFD	120 / 1 / 60	1920 VA	
26	AIR COMPRESSOR	120 / 1 / 60	2880 VA	PROVIDE DEDICATED TELEPHONE LINE
27	CONTROL BOX	120 / 1 / 60	2880 VA	
9	SPA LEFT PUMP	208 / 3 / 60	(2 HP)	
11	FILTER PUMP	208 / 3 / 60	(1 HP)	
18A	BOOSTER PUMP	208 / 1 / 60	(1.2 HP)	
22	CHEMICAL CONTROLLER	120 / 1 / 60	1560 VA	
24	GAS HEATER	120 / 1 / 60	240 VA	
27	LEFT PUMP MOTOR CONTROLLER	120 / 1 / 60	1500 VA	
29	AIR BLOWER	208 / 1 / 60	(2 HP)	

(1) FOR COMPRESSOR TO POOL CONSULTANT DRAWINGS
 (2) FOR CHEMICAL CONTROLLER TO POOL CONSULTANT DRAWINGS
 (3) FOR INSULATION DETAILS REFER TO POOL CONSULTANT DWG'S



POOL EQUIPMENT ENLARGEMENT ELECTRICAL POWER
 SCALE: 1/4" = 1'-0"