

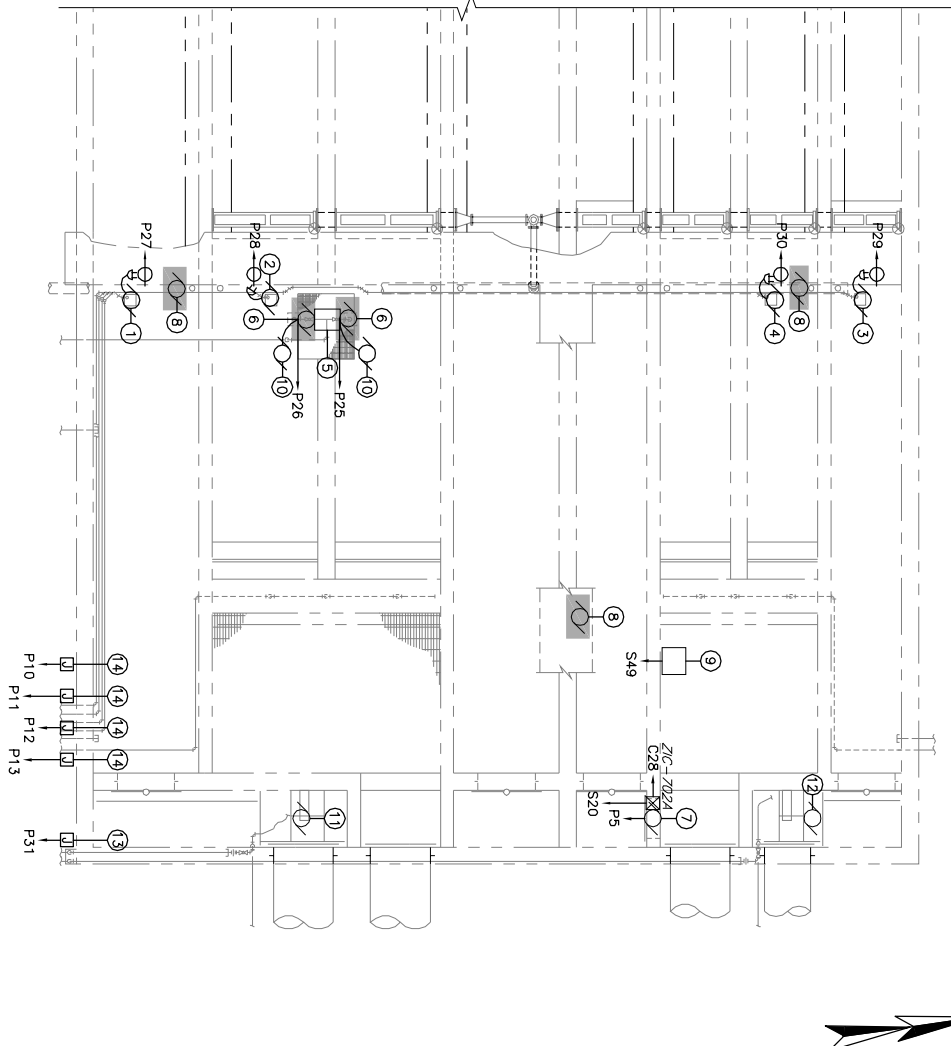
**EXISTING PANELBOARD LCD-SEC-1**

PROJECT: PORTLAND WATER DISTRICT		PROJECT NO. 10301C	
PANEL DESIGNATION: LCD		PANEL LOCATION: HYPOCHLORITE BUILDING	
VOLTAGE: 120/208		FEEDER POINT: MDP-HB CRT #3	
PHASE: 3		MOUNTING: WALL	
WIRE: 4		MAIN RATINGS: 250A MCB	
MCC:			
CRT NO.	AMPS POLES	NO. POLES	AMPS NO.
1	20	1	20
2	20	1	20
3	20	1	20
4	20	1	20
5	20	1	20
6	20	1	20
7	20	1	20
8	20	1	20
9	20	1	20
10	20	1	20
11	20	1	20
12	20	1	20
13	20	1	20
14	20	1	20
15	20	1	20
16	20	1	20
17	20	1	20
18	20	1	20
19	20	1	20
20	20	1	20
21	20	1	20
22	20	1	20
23	20	1	20
24	20	1	20

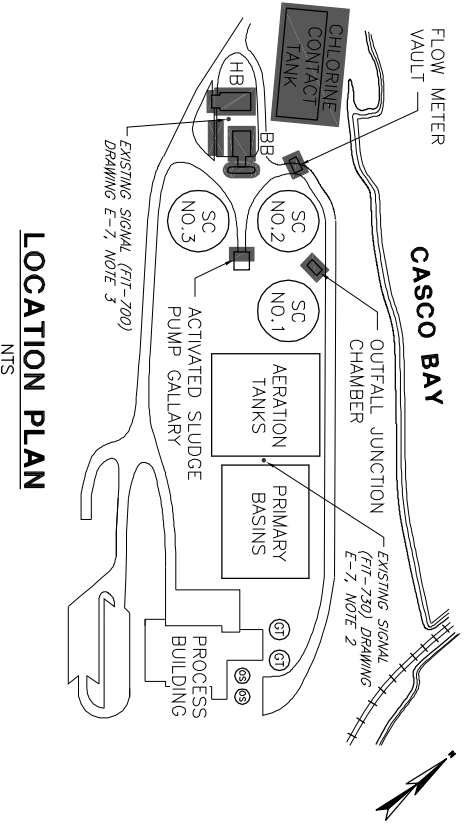
**NOTE:**  
THE CONTRACTOR SHALL VERIFY ALL AFFECTED CIRCUITS AND LOADS BEFORE COMMENCING WORK. THE CONTRACTOR SHALL PROVIDE UPDATED PANELBOARD SCHEDULES FOR EACH SECTION WHICH REFLECT AS-BUILT CONDITIONS.

**EXISTING PANELBOARD LCD-SEC-2**

PROJECT: PORTLAND WATER DISTRICT		PROJECT NO. 10301C	
PANEL DESIGNATION: LCD		PANEL LOCATION: HYPOCHLORITE BUILDING	
VOLTAGE: 120/208		FEEDER POINT: MDP-HB CRT #3	
PHASE: 3		MOUNTING: WALL	
WIRE: 4		MAIN RATINGS: 250A MCB	
MCC:			
CRT NO.	AMPS POLES	NO. POLES	AMPS NO.
25	20	1	20
26	20	1	20
27	20	1	20
28	20	1	20
29	20	1	20
30	20	1	20
31	20	1	20
32	20	1	20
33	20	1	20
34	20	1	20
35	20	1	20
36	20	1	20
37	20	1	20
38	20	1	20
39	20	1	20
40	20	1	20
41	20	1	20
42	20	1	20
43	20	1	20
44	20	1	20
45	20	1	20
46	20	1	20
47	20	1	20
48	20	1	20
49	20	1	20
50	20	1	20
51	20	1	20
52	20	1	20
53	20	1	20
54	20	1	20
55	20	1	20
56	20	1	20
57	20	1	20
58	20	1	20
59	20	1	20
60	20	1	20
61	20	1	20
62	20	1	20
63	20	1	20
64	20	1	20



**ELECTRICAL DEMOLITION AND MODIFICATION  
CHLORINE CONTACT TANK**  
SCALE: 1/8" = 1'-0"



**LOCATION PLAN**  
NTS

- EQUIPMENT LEGEND**
- ① SAMPLE PUMP CR5-1 (NOTE 3)
  - ② SAMPLE PUMP CR5-2 (NOTE 3)
  - ③ SAMPLE PUMP CR5-3 (NOTE 3)
  - ④ SAMPLE PUMP CR5-4 (NOTE 3)
  - ⑤ CARRIER WATER PUMP CONTROL PANEL TO REMAIN (NOTE 4)
  - ⑥ CARRIER WATER PUMP (TP 2) TO BE REMOVED (NOTE 4)
  - ⑦ MOTOR-OPERATED SLUDGE GATE TO REMAIN
  - ⑧ SAMPLE PUMP (TP 3) TO BE REMOVED
  - ⑨ COMPOSITE EFFLUENT SAMPLER TO REMAIN
  - ⑩ NEW CARRIER WATER PUMP (TP 2) (NOTE 4)
  - ⑪ SECONDARY MIXER MK-1
  - ⑫ BYPASS MIXER MK-2
  - ⑬ HEAT TRACE POWER SUPPLY, HYPOCHLORITE FEEDS TO MIXER
  - ⑭ HEAT TRACE POWER SUPPLIES FOR CARRIER WATER LINES (TP 4)

- NOTES:**
1. FOR LEGEND AND GENERAL NOTES, REFER TO DRAWING E-1.
  2. FOR GENERAL DEMOLITION NOTES, REFER TO DRAWING E-5.
  3. PROVIDE WEATHERPROOF-WHILE-IN-USE TYPE SINGLE RECEPICLES FOR EACH SAMPLE PUMP AS SHOWN.
  4. EXISTING SUBMERSIBLE CARRIER WATER PUMPS SHALL BE REMOVED. EXISTING PLUGS AND RECEPICLES FOR PUMPS (MOUNTED ON SIDE OF CONTROL PANEL) SHALL REMAIN FOR REUSE. NEW SUBMERSIBLE CARRIER WATER PUMPS SHALL BE CONNECTED TO EXISTING PLUGS.

DWG E-6 30 OF 33	PORTLAND WATER DISTRICT <b>PORTLAND, MAINE</b> EAST END WWTF DISINFECTION AND DECHLORINATION SYSTEMS UPGRADE CHLORINE CONTACT TANK ELECTRICAL DEMOLITION AND MODIFICATION	Offices throughout New England www.wright-pierce.com	DRAWN BY SJM CHECKED BY DWL/PFB DATE 2-18-05 APPROVED BY DWL/PFB DATE 2-18-05 BOOK NO. - PROJECT NO. 10301C SCALE AS NOTED	REVISIONS APP'D DATE PROGRESS PRINTS ISSUED FOR REVIEW: 12-15-04 ISSUED FOR BIDDING: 2-18-05 VALT LOCATION: LAST WORKED ON: FILENAME:
			NO. 1 NO. 2 NO. 3 NO. 4	