

DRAWING NUMBER

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PLANT HOLD CORPORATION • IRVINE, CALIFORNIA
REVISION BY NUMBER/DATE

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VALVE & INSTRUMENT LIST

ITEM	REQ.	BULK NO.	PART NO.	DESCRIPTION	REF. DWG. NO.	MATERIAL	MATERIAL SPEC.	WT./U.	U/M	S	REQ.	U/M	WT.
1	5	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71
2	11-9-70	CF	ADDED V-15	ADDED V-15	ADDED V-15	ADDED V-15	ADDED V-15	ADDED V-15	ADDED V-15	ADDED V-15	ADDED V-15	ADDED V-15	ADDED V-15
3	INSTRUMENT	NO. CORRECTED	NO. CORRECTED	NO. CORRECTED	NO. CORRECTED	NO. CORRECTED	NO. CORRECTED	NO. CORRECTED	NO. CORRECTED	NO. CORRECTED	NO. CORRECTED	NO. CORRECTED	NO. CORRECTED
4	12-18-70	11	12-18-70	12-18-70	12-18-70	12-18-70	12-18-70	12-18-70	12-18-70	12-18-70	12-18-70	12-18-70	12-18-70
5	4-7-71	71	4-7-71	4-7-71	4-7-71	4-7-71	4-7-71	4-7-71	4-7-71	4-7-71	4-7-71	4-7-71	4-7-71
6	7-21-71	KWP	7-21-71	7-21-71	7-21-71	7-21-71	7-21-71	7-21-71	7-21-71	7-21-71	7-21-71	7-21-71	7-21-71
7	10-12-71	71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71
8	10-12-71	71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71
9	10-12-71	71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71
10	10-12-71	71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71	10-12-71

LAST NO USED FOR BOTH UNITS AND SUPPLY A OR B TO TAG FOR UNITS 1A OR 1B

4"-AS-21 B.A. CONC. 1A WALL

4"-AS-22 B.A. CONC. 1B CONT. ON DWG. 8770-G-079

STEAM IN

3/4 PLUGGED VENT FOR HYDRO TEST ONLY

18" MANWAY

VAPOR SEPARATOR

200-G-12-D-I

3/4 PLUGGED VENT FOR HYDRO TEST ONLY

CONCENTRATOR

VENT OUT T.P. "O" 3/8 TUBE

401-B-1-V-I

206-G-1/2-D-I

199-G-3/4-I

207-G-1/2-D-I

208-G-1/2-D-I

209-G-1/2-D-I

210-G-1/2-D-I

211-G-1/2-D-I

212-G-1/2-D-I

213-G-1/2-D-I

214-G-1/2-D-I

215-G-1/2-D-I

216-G-1/2-D-I

217-G-1/2-D-I

218-G-1/2-D-I

219-G-1/2-D-I

220-G-1/2-D-I

221-G-1/2-D-I

222-G-1/2-D-I

223-G-1/2-D-I

224-G-1/2-D-I

225-G-1/2-D-I

226-G-1/2-D-I

227-G-1/2-D-I

228-G-1/2-D-I

229-G-1/2-D-I

230-G-1/2-D-I

231-G-1/2-D-I

232-G-1/2-D-I

233-G-1/2-D-I

234-G-1/2-D-I

235-G-1/2-D-I

236-G-1/2-D-I

237-G-1/2-D-I

238-G-1/2-D-I

239-G-1/2-D-I

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242-G-1/2-D-I

243-G-1/2-D-I

244-G-1/2-D-I

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253-G-1/2-D-I

254-G-1/2-D-I

255-G-1/2-D-I

256-G-1/2-D-I

257-G-1/2-D-I

258-G-1/2-D-I

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294-G-1/2-D-I

295-G-1/2-D-I

296-G-1/2-D-I

297-G-1/2-D-I

298-G-1/2-D-I

299-G-1/2-D-I

300-G-1/2-D-I

TO FEED PUMPS (BY OTHERS)

8"-AS-18 NIT 1A

8"-AS-19 UNIT 1B

CONT. ON DWG. 8770-G-079

STOP PUMPS ON HIGH LEVEL, START ON LOW

COND. OUT

101-G-1/2-RW

100-G-2-RW

112-G-1-CONC-I

113-G-1-CONC-I

109-G-1-CONC-I

110-G-1-CONC-I

108-G-1-CONC-I

107-G-1-CONC-I

106-G-1-CONC-I

105-G-1-CONC-I

104-G-1-CONC-I

103-G-1-CONC-I

102-G-1-CONC-I

101-G-1-CONC-I

100-G-1-CONC-I

99-G-1-CONC-I

98-G-1-CONC-I

97-G-1-CONC-I

96-G-1-CONC-I

95-G-1-CONC-I

94-G-1-CONC-I

93-G-1-CONC-I

92-G-1-CONC-I

91-G-1-CONC-I

90-G-1-CONC-I

89-G-1-CONC-I

88-G-1-CONC-I

87-G-1-CONC-I

86-G-1-CONC-I

85-G-1-CONC-I

84-G-1-CONC-I

83-G-1-CONC-I

82-G-1-CONC-I

81-G-1-CONC-I

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14-G-1-CONC-I

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11-G-1-CONC-I

10-G-1-CONC-I

9-G-1-CONC-I

8-G-1-CONC-I

7-G-1-CONC-I

6-G-1-CONC-I

5-G-1-CONC-I

4-G-1-CONC-I

3-G-1-CONC-I

2-G-1-CONC-I

1-G-1-CONC-I

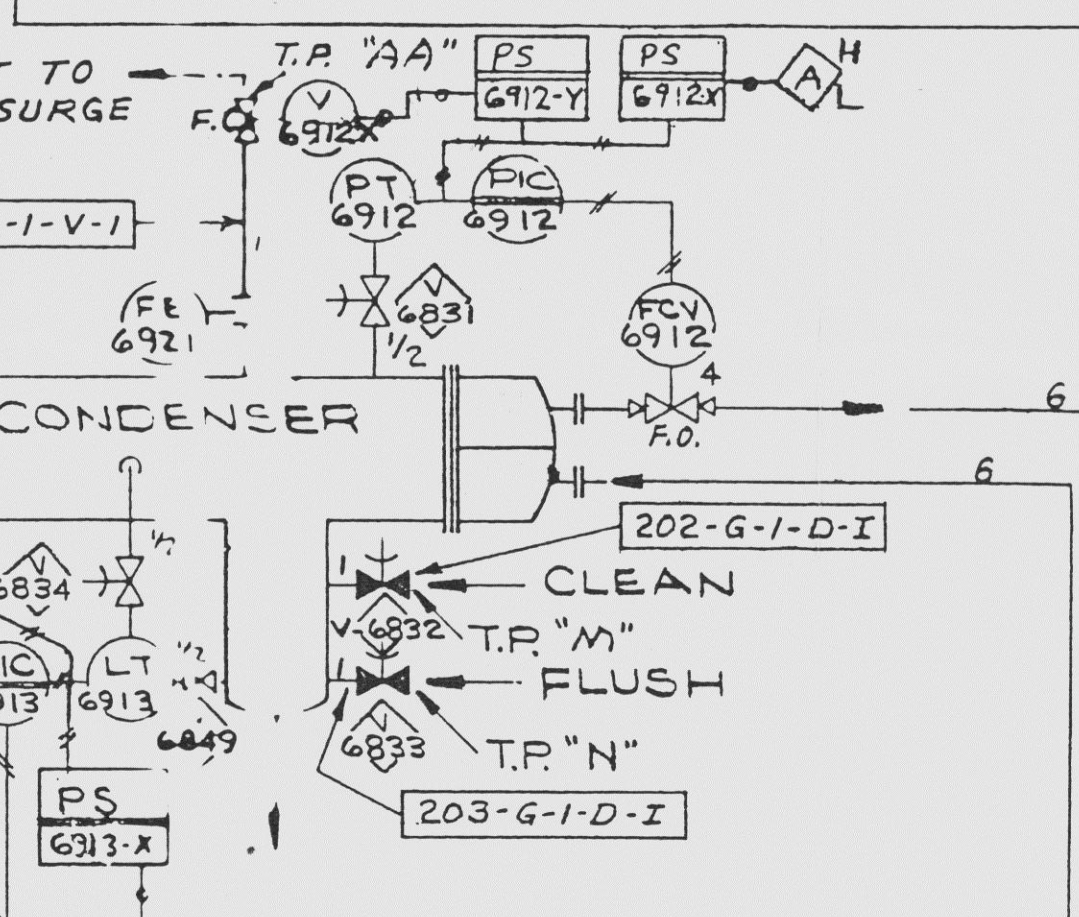
6"-CC-124 BORIC ACID CONCENTRATOR 1A FOR CONTINUATION SEE DWG. 8770-G-083

6"-CC-118 BORIC ACID CONCENTRATOR 1B FOR CONTINUATION SEE DWG. 8770-G-083

6"-CC-126 BORIC ACID CONCENTRATOR 1A FOR CONTINUATION SEE DWG. 8770-G-083

6"-CC-119 BORIC ACID CONCENTRATOR 1B FOR CONTINUATION SEE DWG. 8770-G-083

HUTCHINSON ISLAND PLANT-UNIT NO. 1 1973-890 MW INSTALLATION



VENT TO GAS SURGE HDR.

400-G-1-V-I

VENT OUT T.P. "O" 3/8 TUBE

401-B-1-V-I

206-G-1/2-D-I

199-G-3/4-I

207-G-1/2-D-I

208-G-1/2-D-I

209-G-1/2-D-I

210-G-1/2-D-I

211-G-1/2-D-I

212-G-1/2-D-I

213-G-1/2-D-I

214-G-1/2-D-I

215-G-1/2-D-I

216-G-1/2-D-I

217-G-1/2-D-I

218-G-1/2-D-I

219-G-1/2-D-I

220-G-1/2-D-I

221-G-1/2-D-I

222-G-1/2-D-I

223-G-1/2-D-I

224-G-1/2-D-I

225-G-1/2-D-I

226-G-1/2-D-I

227-G-1/2-D-I

228-G-1/2-D-I

229-G-1/2-D-I

230-G-1/2-D-I

231-G-1/2-D-I

232-G-1/2-D-I

233-G-1/2-D-I

234-G-1/2-D-I

235-G-1/2-D-I

236-G-1/2-D-I

237-G-1/2-D-I

238-G-1/2-D-I

239-G-1/2-D-I

240-G-1/2-D-I

241-G-1/2-D-I

242-G-1/2-D-I

243-G-1/2-D-I

244-G-1/2-D-I

245-G-1/2-D-I

246-G-1/2-D-I

247-G-1/2-D-I

248-G-1/2-D-I

249-G-1/2-D-I

250-G-1/2-D-I

251-G-1/2-D-I

252-G-1/2-D-I

253-G-1/2-D-I

254-G-1/2-D-I

255-G-1/2-D-I

256-G-1/2-D-I

257-G-1/2-D-I

258-G-1/2-D-I

259-G-1/2-D-I

260-G-1/2-D-I

261-G-1/2-D-I

262-G-1/2-D-I

263-G-1/2-D-I

264-G-1/2-D-I

265-G-1/2-D-I

266-G-1/2-D-I

267-G-1/2-D-I

268-G-1/2-D-I

269-G-1/2-D-I

270-G-1/2-D-I

271-G-1/2-D-I

272-G-1/2-D-I

273-G-1/2-D-I

274-G-1/2-D-I

275-G-1/2-D-I

276-G-1/2-D-I

277-G-1/2-D-I

278-G-1/2-D-I

279-G-1/2-D-I

280-G-1/2-D-I

281-G-1/2-D-I

282-G-1/2-D-I

283-G-1/2-D-I

284-G-1/2-D-I

285-G-1/2-D-I

286-G-1/2-D-I

287-G-1/2-D-I

288-G-1/2-D-I

289-G-1/2-D-I

290-G-1/2-D-I

291-G-1/2-D-I

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293-G-1/2-D-I

294-G-1/2-D-I

295-G-1/2-D-I

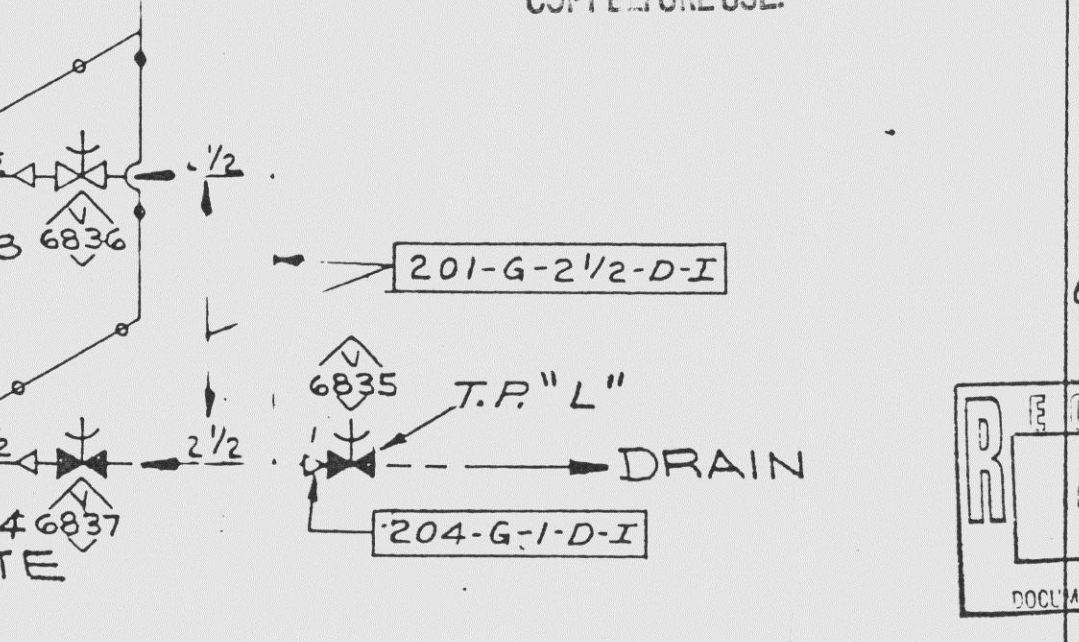
296-G-1/2-D-I

297-G-1/2-D-I

298-G-1/2-D-I

299-G-1/2-D-I

300-G-1/2-D-I



NOTES:-

1-T.P. = TERMINAL POINT (CUSTOMER CONN.)

2-H.T. = DUPLICATE HEAT TRACING TO 160°F. WITH ALARMS.

3-FOR SYMBOLS SEE DWG. 389-B-7792

ADD. O.A.N. SYMBOLS

R.R. = REFRACTORY (F.C.) = FAIL OPEN (F.C.) = FAIL CLOSED

TRACED PIPE LINE CONDITION

4-FOR CUSTOMER CONNECTIONS AND DESCRIPTION SEE DWG. 641-E-7850

5-PNEUMATIC VALVES ARE SOLENOID OPERATED:

6-TYPICAL

THIS DRAWING IS THE PROPERTY OF AQUA-CHEM, INC.

SCALE	DATE	BY	CHKD.	APP'D.
1"=20' GPM	5-11-70	JWA	N	
CODE IDENT. NO.	09647			
PIPING & INSTRUMENT DIAGRAM, 1				
MODEL RV-1200-3P				
DWG. NO.	G27-D-8156			

9999999999-25