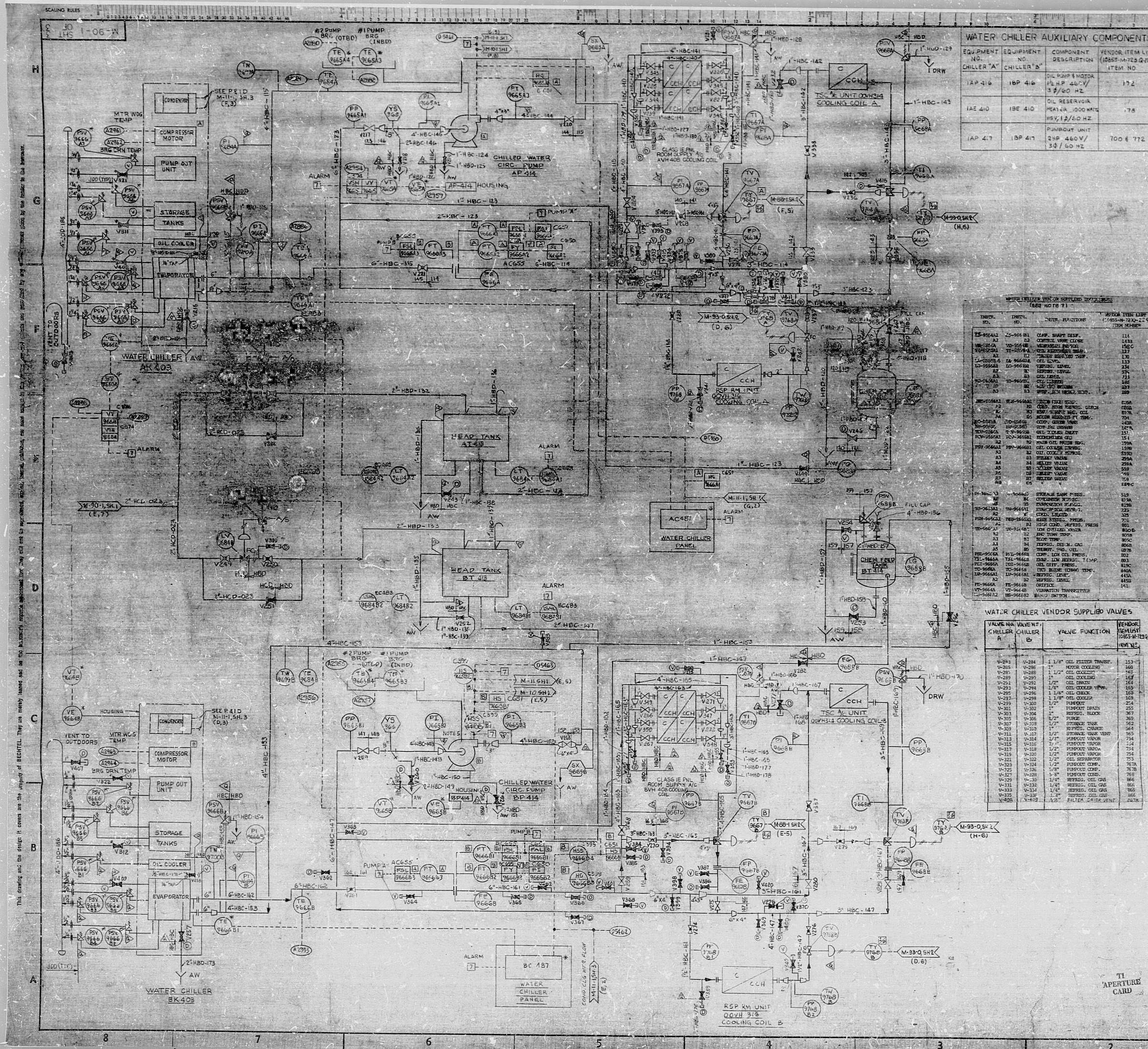




WATER CHILLER AUXILIARY COMPONENTS			
EQUIPMENT NO. CHILLER "A"	EQUIPMENT NO. CHILLER "B"	COMPONENT DESCRIPTION	YOSKOW ITEM LIST (15850-1A-723 QTY) ITEM NO.
1AP 316	1BP 316	OIL PUMP & MOTOR 12 HP 460V/ 3 #/60 HZ	172
1AE 410	1BE 410	OIL RESERVOIR "HEATER 1000Watts HSV, 12/60 HZ	173
1AP 417	1BP 417	PUMP/OUT UNIT 2HP 460V/ 3/60 HZ	700 & 772

SYSTEM - GU		
REF	REFERENCE	BECHTEL VENDOR
1	STATION SERVICE WATER P.I.D	M-10-1
2	DIESEL AREA CONTROL DIA P.T.D	M-54-1
3	SERVICE AREA CONTR DIA P.T.D	M-93-2
4	SAFETY AUX. COOLING SOPS P.T.D	M-2-1
5	DELETED	
6	SAFETY AUX. COOLING SOPS P.T.D	M-8-1
7	CONTROL AREA COOLED WATER TOWEL	M-50-0

[illegible]

WATER CHILLER VENDOR SUPPLY VALVES			
VALVE NO. VALVE NO. CHILLER A	CHILLER B	VALVE FUNCTION	VENDOR TELEPHONE 1065-54-7235-723
			NO. 1
V-281	V-284	1 1/8" OIL FILTER TRANS.	153
V-285	V-286	1" MOTOR COOLING	157
V-287	V-288	1 1/2" OIL COOLING	160
V-289	V-290	1" OIL COOLING	162
V-291	V-292	1 1/2" OIL COOLING	164
V-293	V-294	1" OIL COOLING W.P.	165
V-295	V-296	1 1/2" OIL COOLING	169
V-297	V-298	1 1/8" OIL COOLING	170
V-301	V-302	1" PURGE DRAIN	224
V-303	V-304	1" PURGE	255
V-305	V-306	1 1/2" PURGE	267
V-307	V-308	1" PURGE TRANS.	302
V-309	V-310	1" SUPPLY, CHARGE	344
V-311	V-312	1 1/2" SUPPLY, CHARGE	345
V-313	V-314	1 1/2" SUPPLY, CHARGE	564
V-315	V-316	1 1/2" SUPPLY, CHARGE	564
V-317	V-318	1" PERKOST VACUUM	751
V-319	V-320	1 1/2" PERKOST VACUUM	754
V-321	V-322	1 1/2" OIL SEPARATOR	755
V-323	V-324	1 1/2" OIL SEPARATOR	757
V-325	V-326	5/8" PERKOST VACUUM	768
V-327	V-328	1 1/2" PERKOST VACUUM	768
V-329	V-330	1 1/2" PERKOST OIL GAS	776
V-331	V-332	1 1/2" PERKOST OIL GAS	786
V-333	V-334	1 1/2" PERKOST OIL GAS	786
V-335	V-336	1 1/2" PERKOST OIL GAS	786
V-337	V-338	1 1/2" PERKOST OIL GAS	786
V-339	V-340	1 1/2" PERKOST OIL GAS	786
V-341	V-342	1" FILTER, CRISE VENT	2676

[illegible]

1. Robert W. Henderson III being a registered professional engineer, certify that this document defines the requirements prescribed in the subparagaphs NA-1252(d), (e) of ASME Boiler and Pressure Vessel Code, section III, 1974 Edition, with addenda through Winter 1977.

7	REVIEW TO MONITORATE RCA-123	OK	1/5	1/5			
8	REVISED INSTRUCTIONS OF 1013 M-1238 AND M-12397 AND 12398 M-12399 AND M-12400 M-12401 AND M-12402	OK	1/5	1/5	1/5	1/5	1/5
9	REVISED PER DEN'S R. PCA REVISED PER DEN'S R. 14985 R. 14986 AND R. 14987 R. 14988 AND R. 14989	OK	1/5	1/5	1/5	1/5	1/5
10	REVISED PER DEN'S R. 14990 AND R. 14991 AND R. 14992 AND R. 14993 AND R. 14994 AND R. 14995	OK	1/5	1/5	1/5	1/5	1/5
11	REVISED PER DEN'S R. 14996 AND R. 14997 AND R. 14998 AND R. 14999 AND R. 15000 AND R. 15001	OK	1/5	1/5	1/5	1/5	1/5
12	REVISED PER DEN'S R. 15002 AND R. 15003 AND R. 15004 AND R. 15005 AND R. 15006 AND R. 15007	OK	1/5	1/5	1/5	1/5	1/5
13	REVISED PER DEN'S R. 15008 AND R. 15009 AND R. 15010 AND R. 15011 AND R. 15012 AND R. 15013	OK	1/5	1/5	1/5	1/5	1/5
14	REVISED PER DEN'S R. 15014 AND R. 15015 AND R. 15016 AND R. 15017 AND R. 15018 AND R. 15019	OK	1/5	1/5	1/5	1/5	1/5
15	REVISED PER DEN'S R. 15020 AND R. 15021 AND R. 15022 AND R. 15023 AND R. 15024 AND R. 15025	OK	1/5	1/5	1/5	1/5	1/5
16	REVISED PER DEN'S R. 15026 AND R. 15027 AND R. 15028 AND R. 15029 AND R. 15030 AND R. 15031	OK	1/5	1/5	1/5	1/5	1/5
17	REVISED PER DEN'S R. 15032 AND R. 15033 AND R. 15034 AND R. 15035 AND R. 15036 AND R. 15037	OK	1/5	1/5	1/5	1/5	1/5
18	REVISED PER DEN'S R. 15038 AND R. 15039 AND R. 15040 AND R. 15041 AND R. 15042 AND R. 15043	OK	1/5	1/5	1/5	1/5	1/5
19	REVISED PER DEN'S R. 15044 AND R. 15045 AND R. 15046 AND R. 15047 AND R. 15048 AND R. 15049	OK	1/5	1/5	1/5	1/5	1/5
20	REVISED PER DEN'S R. 15050 AND R. 15051 AND R. 15052 AND R. 15053 AND R. 15054 AND R. 15055	OK	1/5	1/5	1/5	1/5	1/5
21	REVISED PER DEN'S R. 15056 AND R. 15057 AND R. 15058 AND R. 15059 AND R. 15060 AND R. 15061	OK	1/5	1/5	1/5	1/5	1/5
22	REVISED PER DEN'S R. 15062 AND R. 15063 AND R. 15064 AND R. 15065 AND R. 15066 AND R. 15067	OK	1/5	1/5	1/5	1/5	1/5
23	REVISED PER DEN'S R. 15068 AND R. 15069 AND R. 15070 AND R. 15071 AND R. 15072 AND R. 15073	OK	1/5	1/5	1/5	1/5	1/5
24	REVISED PER DEN'S R. 15074 AND R. 15075 AND R. 15076 AND R. 15077 AND R. 15078 AND R. 15079	OK	1/5	1/5	1/5	1/5	1/5
25	REVISED PER DEN'S R. 15080 AND R. 15081 AND R. 15082 AND R. 15083 AND R. 15084 AND R. 15085	OK	1/5	1/5	1/5	1/5	1/5
26	REVISED PER DEN'S R. 15086 AND R. 15087 AND R. 15088 AND R. 15089 AND R. 15090 AND R. 15091	OK	1/5	1/5	1/5	1/5	1/5
27	REVISED PER DEN'S R. 15092 AND R. 15093 AND R. 15094 AND R. 15095 AND R. 15096 AND R. 15097	OK	1/5	1/5	1/5	1/5	1/5
28	REVISED PER DEN'S R. 15098 AND R. 15099 AND R. 15100 AND R. 15101 AND R. 15102 AND R. 15103	OK	1/5	1/5	1/5	1/5	1/5
29	REVISED PER DEN'S R. 15104 AND R. 15105 AND R. 15106 AND R. 15107 AND R. 15108 AND R. 15109	OK	1/5	1/5	1/5	1/5	1/5
30	REVISED PER DEN'S R. 15110 AND R. 15111 AND R. 15112 AND R. 15113 AND R. 15114 AND R. 15115	OK	1/5	1/5	1/5	1/5	1/5
31	REVISED PER DEN'S R. 15116 AND R. 15117 AND R. 15118 AND R. 15119 AND R. 15120 AND R. 15121	OK	1/5	1/5	1/5	1/5	1/5
32	REVISED PER DEN'S R. 15122 AND R. 15123 AND R. 15124 AND R. 15125 AND R. 15126 AND R. 15127	OK	1/5	1/5	1/5	1/5	1/5
33	REVISED PER DEN'S R. 15128 AND R. 15129 AND R. 15130 AND R. 15131 AND R. 15132 AND R. 15133	OK	1/5	1/5	1/5	1/5	1/5
34	REVISED PER DEN'S R. 15134 AND R. 15135 AND R. 15136 AND R. 15137 AND R. 15138 AND R. 15139	OK	1/5	1/5	1/5	1/5	1/5
35	REVISED PER DEN'S R. 15140 AND R. 15141 AND R. 15142 AND R. 15143 AND R. 15144 AND R. 15145	OK	1/5	1/5	1/5	1/5	1/5
36	REVISED PER DEN'S R. 15146 AND R. 15147 AND R. 15148 AND R. 15149 AND R. 15150 AND R. 15151	OK	1/5	1/5	1/5	1/5	1/5
37	REVISED PER DEN'S R. 15152 AND R. 15153 AND R. 15154 AND R. 15155 AND R. 15156 AND R. 15157	OK	1/5	1/5	1/5	1/5	1/5
38	REVISED PER DEN'S R. 15158 AND R. 15159 AND R. 15160 AND R. 15161 AND R. 15162 AND R. 15163	OK	1/5	1/5	1/5	1/5	1/5
39	REVISED PER DEN'S R. 15164 AND R. 15165 AND R. 15166 AND R. 15167 AND R. 15168 AND R. 15169	OK	1/5	1/5	1/5	1/5	1/5
40	REVISED PER DEN'S R. 15170 AND R. 15171 AND R. 15172 AND R. 15173 AND R. 15174 AND R. 15175	OK	1/5	1/5	1/5	1/5	1/5
41	REVISED PER DEN'S R. 15176 AND R. 15177 AND R. 15178 AND R. 15179 AND R. 15180 AND R. 15181	OK	1/5	1/5	1/5	1/5	1/5
42	REVISED PER DEN'S R. 15182 AND R. 15183 AND R. 15184 AND R. 15185 AND R. 15186 AND R. 15187	OK	1/5	1/5	1/5	1/5	1/5
43	REVISED PER DEN'S R. 15188 AND R. 15189 AND R. 15190 AND R. 15191 AND R. 15192 AND R. 15193	OK	1/5	1/5	1/5	1/5	1/5
44	REVISED PER DEN'S R. 15194 AND R. 15195 AND R. 15196 AND R. 15197 AND R. 15198 AND R. 15199	OK	1/5	1/5	1/5	1/5	1/5
45	REVISED PER DEN'S R. 15200 AND R. 15201 AND R. 15202 AND R. 15203 AND R. 15204 AND R. 15205	OK	1/5	1/5	1/5	1/5	1/5
46	REVISED PER DEN'S R. 15206 AND R. 15207 AND R. 15208 AND R. 15209 AND R. 15210 AND R. 15211	OK	1/5	1/5	1/5	1/5	1/5
47	REVISED PER DEN'S R. 15212 AND R. 15213 AND R. 15214 AND R. 15215 AND R. 15216 AND R. 15217	OK	1/5	1/5	1/5	1/5	1/5
48	REVISED PER DEN'S R. 15218 AND R. 15219 AND R. 15220 AND R. 15221 AND R. 15222 AND R. 15223	OK	1/5	1/5	1/5	1/5	1/5
49	REVISED PER DEN'S R. 15224 AND R. 15225 AND R. 15226 AND R. 15227 AND R. 15228 AND R. 15229	OK	1/5	1/5	1/5	1/5	1/5
50	REVISED PER DEN'S R. 15230 AND R. 15231 AND R. 15232 AND R. 15233 AND R. 15234 AND R. 15235	OK	1/5	1/5	1/5	1/5	1/5
51	REVISED PER DEN'S R. 15236 AND R. 15237 AND R. 15238 AND R. 15239 AND R. 15240 AND R. 15241	OK	1/5	1/5	1/5	1/5	1/5
52	REVISED PER DEN'S R. 15242 AND R. 15243 AND R. 15244 AND R. 15245 AND R. 15246 AND R. 15247	OK	1/5	1/5	1/5	1/5	1/5
53	REVISED PER DEN'S R. 15248 AND R. 15249 AND R. 15250 AND R. 15251 AND R. 15252 AND R. 15253	OK	1/5	1/5	1/5	1/5	1/5
54	REVISED PER DEN'S R. 15254 AND R. 15255 AND R. 15256 AND R. 15257 AND R. 15258 AND R. 15259	OK	1/5	1/5	1/5	1/5	1/5
55	REVISED PER DEN'S R. 15260 AND R. 15261 AND R. 15262 AND R. 15263 AND R. 15264 AND R. 15265	OK	1/5	1/5	1/5	1/5	1/5
56	REVISED PER DEN'S R. 15266 AND R. 15267 AND R. 15268 AND R. 15269 AND R. 15270 AND R. 15271	OK	1/5	1/5	1/5	1/5	1/5
57	REVISED PER DEN'S R. 15272 AND R. 15273 AND R. 15274 AND R. 15275 AND R. 15276 AND R. 15277	OK	1/5	1/5	1/5	1/5	1/5
58	REVISED PER DEN'S R. 15278 AND R. 15279 AND R. 15280 AND R. 15281 AND R. 15282 AND R. 15283	OK	1/5	1/5	1/5	1/5	1/5
59	REVISED PER DEN'S R. 15284 AND R. 15285 AND R. 15286 AND R. 15287 AND R. 15288 AND R. 15289	OK	1/5	1/5	1/5	1/5	1/5
60	REVISED PER DEN'S R. 15290 AND R. 15291 AND R. 15292 AND R. 15293 AND R. 15294 AND R. 15295	OK	1/5	1/5	1/5	1/5	1/5
61	REVISED PER DEN'S R. 15296 AND R. 15297 AND R. 15298 AND R. 15299 AND R. 15300 AND R. 15301	OK	1/5	1/5	1/5	1/5	1/5
62	REVISED PER DEN'S R. 15302 AND R. 15303 AND R. 15304 AND R. 15305 AND R. 15306 AND R. 15307	OK	1/5	1/5	1/5	1/5	1/5
63	REVISED PER DEN'S R. 15308 AND R. 15309 AND R. 15310 AND R. 15311 AND R. 15312 AND R. 15313	OK	1/5	1/5	1/5	1/5	1/5
64	REVISED PER DEN'S R. 15314 AND R. 15315 AND R. 15316 AND R. 15317 AND R. 15318 AND R. 15319	OK	1/5	1/5	1/5	1/5	1/5
65	REVISED PER DEN'S R. 15320 AND R. 15321 AND R. 15322 AND R. 15323 AND R. 15324 AND R. 15325	OK	1/5	1/5	1/5	1/5	1/5
66	REVISED PER DEN'S R. 15326 AND R. 15327 AND R. 15328 AND R. 15329 AND R. 15330 AND R. 15331	OK	1/5	1/5	1/5	1/5	1/5
67	REVISED PER DEN'S R. 15332 AND R. 15333 AND R. 15334 AND R. 15335 AND R. 15336 AND R. 15337	OK	1/5	1/5	1/5	1/5	1/5
68	REVISED PER DEN'S R. 15338 AND R. 15339 AND R. 15340 AND R. 15341 AND R. 15342 AND R. 15343	OK	1/5	1/5	1/5	1/5	1/5
69	REVISED PER DEN'S R. 15344 AND R. 15345 AND R. 15346 AND R. 15347 AND R. 15348 AND R. 15349	OK	1/5	1/5	1/5	1/5	1/5
70	REVISED PER DEN'S R. 15350 AND R. 15351 AND R. 15352 AND R. 15353 AND R. 15354 AND R. 15355	OK	1/5	1/5	1/5	1/5	1/5
71	REVISED PER DEN'S R. 15356 AND R. 15357 AND R. 15358 AND R. 15359 AND R. 15360 AND R. 15361	OK	1/5	1/5	1/5	1/5	1/5
72	REVISED PER DEN'S R. 15362 AND R. 15363 AND R. 15364 AND R. 15365 AND R. 15366 AND R. 15367	OK	1/5	1/5	1/5	1/5	1/5
73	REVISED PER DEN'S R. 15368 AND R. 15369 AND R. 15370 AND R. 15371 AND R. 15372 AND R. 15373	OK	1/5	1/5	1/5	1/5	1/5
74	REVISED PER DEN'S R. 15374 AND R. 15375 AND R. 15376 AND R. 15377 AND R. 15378 AND R. 15379	OK	1/5	1/5	1/5	1/5	1/5
75	REVISED PER DEN'S R. 15380 AND R. 15381 AND R. 15382 AND R. 15383 AND R. 15384 AND R. 15385	OK	1/5	1/5	1/5	1/5	1/5
76	REVISED PER DEN'S R. 15386 AND R. 15387 AND R. 15388 AND R. 15389 AND R. 15390 AND R. 15391	OK	1/5	1/5	1/5	1/5	1/5
77	REVISED PER DEN'S R. 15392 AND R. 15393 AND R. 15394 AND R. 15395 AND R. 15396 AND R. 15397	OK	1/5	1/5	1/5	1/5	1/5
78	REVISED PER DEN'S R. 15398 AND R. 15399 AND R. 15400 AND R. 15401 AND R. 15402 AND R. 15403	OK	1/5	1/5	1/5	1/5	1/5
79	REVISED PER DEN'S R. 15404 AND R. 15405 AND R. 15406 AND R. 15407 AND R. 15408 AND R. 15409	OK	1/5	1/5	1/5	1/5	1/5
80	REVISED PER DEN'S R. 15410 AND R. 15411 AND R. 15412 AND R. 15413 AND R. 15414 AND R. 15415	OK	1/5	1/5	1/5	1/5	1/5
81	REVISED PER DEN'S R. 15416 AND R. 15417 AND R. 15418 AND R. 15419 AND R. 15420 AND R. 15421	OK	1/5	1/5	1/5	1/5	1/5
82	REVISED PER DEN'S R. 15422 AND R. 15423 AND R. 15424 AND R. 15425 AND R. 15426 AND R. 15427	OK	1/5	1/5	1/5	1/5	1/5
83	REVISED PER DEN'S R. 15428 AND R. 15429 AND R. 15430 AND R. 15431 AND R. 15432 AND R. 15433	OK	1/5	1/5	1/5	1/5	1/5
84	REVISED PER DEN'S R. 15434 AND R. 15435 AND R. 15436 AND R. 15437 AND R. 15438 AND R. 15439	OK	1/5	1/5	1/5	1/5	1/5
85	REVISED PER DEN'S R. 15440 AND R. 15441 AND R. 15442 AND R. 15443 AND R. 15444 AND R. 15445	OK	1/5	1/5	1/5	1/5	1/5
86	REVISED PER DEN'S R. 15446 AND R. 15447 AND R. 15448 AND R. 15449 AND R. 15450 AND R. 15451	OK	1/5	1/5	1/5	1/5	1/5
87	REVISED PER DEN'S R. 15452 AND R. 15453 AND R. 15454 AND R. 15455 AND R. 15456 AND R. 15457	OK	1/5	1/5	1/5	1/5	1/5
88	REVISED PER DEN'S R. 15458 AND R. 15459 AND R. 15460 AND R. 15461 AND R. 15462 AND R. 15463	OK	1/5	1/5	1/5	1/5	1/5
89	REVISED PER DEN'S R. 15464 AND R. 15465 AND R. 15466 AND R. 15467 AND R. 15468 AND R. 15469	OK	1/5	1/5	1/5	1/5	1/5
90	REVISED PER DEN'S R. 15470 AND R. 15471 AND R. 15472 AND R. 15473 AND R. 15474 AND R. 15475	OK	1/5	1/5	1/5	1/5	1/5
91	REVISED PER DEN'S R. 15476 AND R. 15477 AND R. 15478 AND R. 15479 AND R. 15480 AND R. 15481	OK	1/5	1/5	1/5	1/5	1/5
92	REVISED PER DEN'S R. 15482 AND R. 15483 AND R. 15484 AND R. 15485 AND R. 15486 AND R. 15487	OK	1/5	1/5	1/5	1/5	1/5
93	REVISED PER DEN'S R. 15488 AND R. 15489 AND R. 15490 AND R. 15491 AND R. 15492 AND R. 15493	OK	1/5	1/5	1/5	1/5	1/5
94	REVISED PER DEN'S R. 15494 AND R. 15495 AND R. 15496 AND R. 15497 AND R. 15498 AND R. 15499	OK	1/5	1/5	1/5	1/5	1/5
95	REVISED PER DEN'S R. 15500 AND R. 15501 AND R. 15502 AND R. 15503 AND R. 15504 AND R. 15505	OK	1/5	1/5	1/5	1/5	1/5
96	REVISED PER DEN'S R. 15506 AND R. 15507 AND R. 15508 AND R. 15509 AND R. 15510 AND R. 15511	OK	1/5	1/5	1/5	1/5	1/5
97	REVISED PER DEN'S R. 15512 AND R. 15513 AND R. 15514 AND R. 15515 AND R. 15516 AND R. 15517	OK	1/5	1/5	1/5	1/5	1/5
98	REVISED PER DEN'S R. 15518 AND R. 15519 AND R. 15520 AND R. 15521 AND R. 15522 AND R. 15523	OK	1/5	1/5	1/5	1/5	1/5
99	REVISED PER DEN'S R. 15524 AND R. 15525 AND R. 15526 AND R. 15527 AND R. 15528 AND R. 15529	OK	1/5	1/5	1/5	1/5	1/5
100	REVISED PER DEN'S R. 15530 AND R. 15531 AND R. 15532 AND R. 15533 AND R. 15534 AND R. 15535	OK	1/5	1/5	1/5	1/5	1/5
101	REVISED PER DEN'S R. 15536 AND R. 15537 AND R. 15538 AND R. 15539 AND R. 15540 AND R. 15541	OK	1/5	1/5	1/5	1/5	1/5
102	REVISED PER DEN'S R. 15542 AND R. 15543 AND R. 15544 AND R. 15545 AND R. 15546 AND R. 15547	OK	1/5	1/5	1/5	1/5	1/5
103	REVISED PER DEN'S R. 15548 AND R. 15549 AND R. 15550 AND R. 15551 AND R. 15552 AND R. 15553	OK	1/5	1/5	1/5	1/5	1/5
104	REVISED PER DEN'S R. 15554 AND R. 15555 AND R. 15556 AND R. 15557 AND R. 15558 AND R. 15559	OK	1/5	1/5	1/5	1/5	1/5
105	REVISED PER DEN'S R. 15560 AND R. 15561 AND R. 15562 AND R. 15563 AND R. 15564 AND R. 15565	OK	1/5</				

SCALE NONE	DESIGNED BY	WHAFFAN	DRAWN BY	ELM42
BECHTEL SAN FRANCISCO				
PUBLIC SERVICE ELECTRIC AND GAS COMPANY HOPE CREEK GENERATING STATION				
P-1-D AUXILIARY BUILDING CONTROL AREA CHILLED WATER SYSTEM				
SAFETY RELATED PANEL ROOM CHILLERS				
	JOB NO.	DRAWING NO.	REV.	
	10855	M-90-1	SHT-3	

PDR RIDS

8602280600

