



- BEARING DESIGNATION**
- ① TOP GUIDE BEARING
 - ② TOP THRUST BEARING
 - ③ BOTTOM GUIDE BEARING
 - ④ PUMP GUIDE BEARING

- NOTES (CONT'D)**
5. USE BRONZE OR BRASS NIPPLES ON DOWNSTREAM SIDE OF INTAKE COOLER VENT AND DRAIN VALVES (R-0107). UPSTREAM MATERIAL SHALL BE COMPATIBLE WITH FABRICATION MATERIAL OF COOLER.
 6. ADDITIONAL 6" OUTLET TO DIVERT WATER DISCHARGE FROM CWP 2-2 SUCTION BAY TO CWP 2-1 SUCTION BAY VIA 6" FLEXIBLE HOSE & 6" SCH 40 C.S. PIPE.
 7. INTAKE COOLER HEAD TANK 2-1 DC 663020-1
 8. 3"Ø CAMLOK COUPLING
 9. 10" CHECK VALVE, CENTERLINE, MODEL #10C06067F5
 10. DOW PLASTIC PIPING PRODUCTS B"-FIG 355 CHECK VALVE WITH LINING
 11. PUMP IS LOCATED IN UNIT 1 INTAKE BAY.
 12. FOR 6" AND 8" PVC PIPING SEE DWG 515969.
 13. HOSE CONNECTION FROM INTAKE COOLER 2-1 INLET WATERBOX DRAIN TO CWP 2-2 LINE 4520 IS USED FOR DEMUSSELLING ONLY. THIS TIE-IN DOES NOT EXIST ON CWP 2-1.
 14. 3/4" LADISH GATE VALVE, FIG NO 8252
 15. 8" ASAHI 150" AV GATE VALVE, TYPE C.
 16. 6" ASAHI BUTTERFLY VALVE U-PVC SERIES EPDM.
 17. 3/4" FLEX HOSE CONNECTION IS FOR ALTERNATE WATER SUPPLY SOURCE TO CWP 2-1 SEAL DURING DEMUSSELLING ONLY. IN-SERVICE PUMP AS ALTERNATIVE SOURCE WILL SUPPLY WATER TO BOTH CWP'S MECH SEALS.
 18. WHITEY/SWAGelok SS-4558
 19. BALL VALVE (WHITEY-4456)
 20. KEYSTONE FIG. 122

21. PORTIONS OF THIS PIPING ARE "S13" SPEC. SEE PIPING ISOMETRIC FOR DETAIL.
22. 3/4" FLEX HOSE, SYNFLX 3130-12, S/C 78-2930, WITH 3/4" NPT X HOSE COUPLINGS, S/C 17-2185 (OR EQUIV)
23. 3/4" BALL VALVE, STAINLESS STEEL, S/C 75-7197 (OR EQUIV)
24. SEE ISOMETRIC 230290 FOR DIFFERENT MATERIALS.
25. BALL VALVE, APOLLO #70-140-01
26. BALL VALVE, BRONZE, THD-McMASTER CARR, MOD. 4726K39 (STR 61), MOD. 4726K12 (STR'S 61A & 61B)
27. TUBING (FLEX), NALGENE 980 CLEAR BRAIDED VINYL, 1 1/4" (STR 61), 1" (STR'S 61A & 61B)
28. USE TP316 INSTEAD OF TP304, IF AVAILABLE
29. FOR STRAINERS STR-61, 61A, AND 61B INSULATING BUSHINGS OR PVC PIPE NIPPLES MAY BE USED TO ISOLATE THE BRONZE STRAINERS FROM BRASS PIPE OR COMPONENTS
30. TI-742 IS A DUAL ELEMENT T/C, TI-742 & TI-742A. TI-742A IS SPARE.

CIRCULATING WATER PUMP 2-1 MOTOR COOLING SYSTEM AND CWP TOP COVER DRAINAGE SYSTEM
(REFER TO SH. 6A FOR CWP 2-2 SYS)

UNIT 2
DIABLO CANYON POWER PLANT - PG&E CO.
SALTWATER SYSTEM

DRAWING	SHEET	PAGE	REV
108017	6	0	96

RASTER=108017-6-0.dgn
DCN=108017-6-0.dgn
CAD User: ZNS4 DDate: 03-02-2018

03-02-2018	ZNS4	FXC2	N/A	NOT REQUIRED PER CF3. ID5	-	-	-	Revised Per DDT-4*1686
DATE	DWN	RE	IV	PROFESSIONAL ENGINEER	PE DISC.	PE#	PE EXP.	