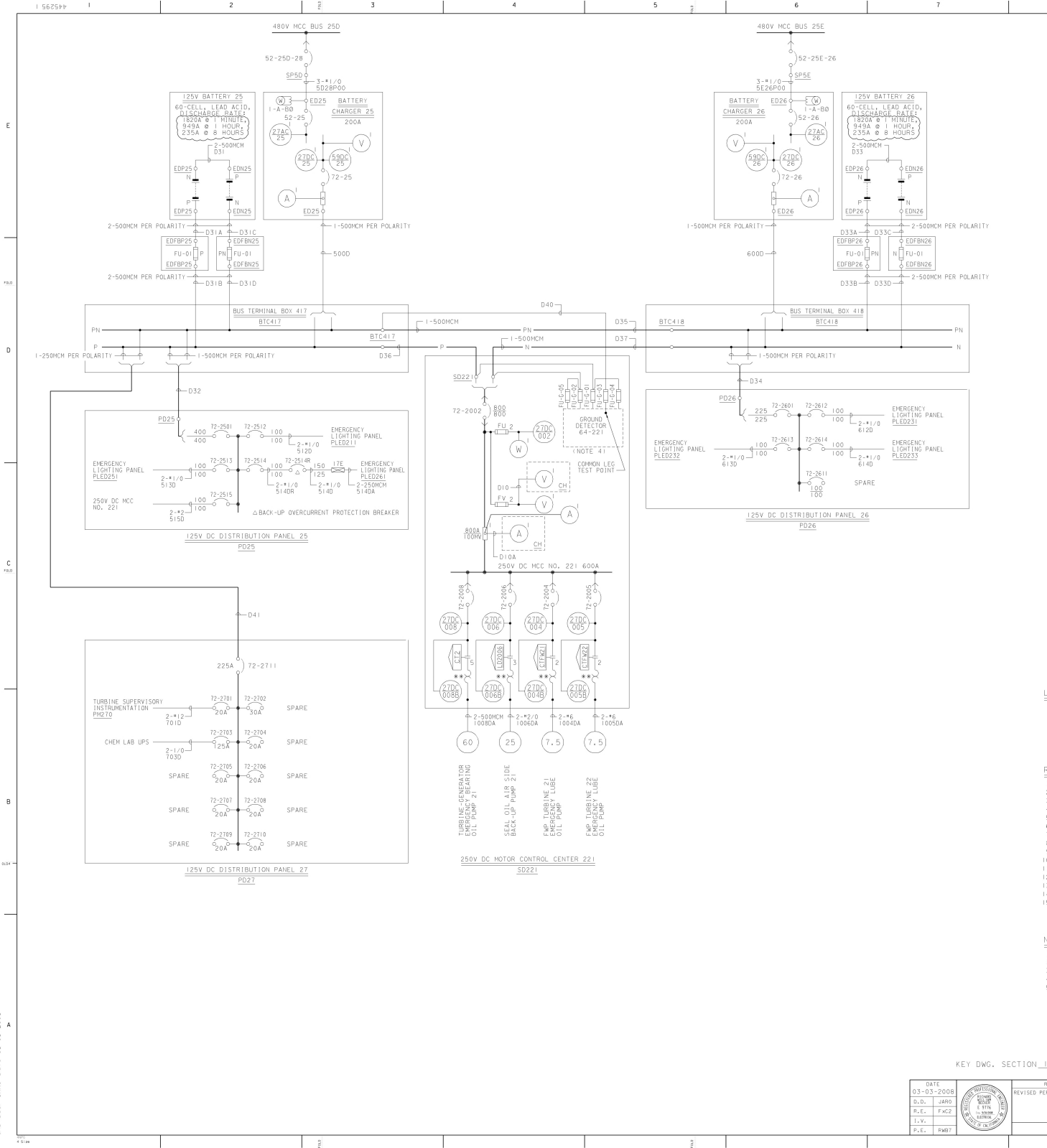




BREAKER TABLE									
DEVICE NUMBER	FUNCTION	RATING	TRIP RANGE	INSTANT	MFR	TYPE	REMARKS		
72-2002	250V DC FEEDER	250A	800A	1000A	ABB	K800	SEE NOTE 5	MANUALLY OPERATED	
72-2601	125V DC BATT CHARGER FEEDER	225A	225A	1000A	ABB	K800	MANUALLY OPERATED		
72-25, 26	125V DC BATT CHARGER FEEDER	100A	100A	1000A	ABB	K800	SEE REF 3, SH 38		
52-250-28, 52-25E-26	480V AC BATT CHARGER FEEDER	100A	100A	1000A	ABB	K800	SEE REF 5		
72-2501	125V DC BATT CHARGER FEEDER	100A	100A	1000A	ABB	K800	MANUALLY OPERATED		
72-2512, 2513, 2514, 2515, 2611, 2612, 2613, 2614, 2708	DISTR PANEL BRANCH BREAKER	100A	100A	1000A	ABB	K800	SEE REF 3, SH 38		
52-25, 26	125V DC BATT CHARGER	100A	100A	1000A	ABB	K800	SEE REF 3, SH 38		
72-2514R	DISTR PANEL BRANCH BREAKER	100A	100A	1000A	ABB	K800	SEE REF 3, SH 38		
72-2701, 2702, 2703, 2704, 2705, 2706, 2707	DISTR PANEL BRANCH BREAKER	100A	100A	1000A	ABB	K800	SEE REF 3, SH 38		

METER & RELAY TABLE									
DEVICE TYPE OR NUMBER	FUNCTION	RATING	MFR	TYPE	CATALOG NO. OR REF DWG	REMARKS			
27DC-004B	250V DC MOTOR STARTER	250V DC	GE	NGV1744	663345-93				
27DC-005B	CIRCUIT UV RELAY	250V DC	GE	NGV1744	663345-93				
27DC-006B	250V DC MOTOR STARTER	250V DC	GE	NGV1744	663345-93				
27DC-008B	250V DC MOTOR STARTER	250V DC	GE	NGV1744	663345-93				
AMMETER	BATTERY CHARGER	0-300A				CHARGERS NOS. 25 & 26			
AMMETER	MCC CURRENT	0-800A/100W				250V DC MCC221			
VOLTMETER	BATTERY CHARGER	0-150V				CHARGERS NOS. 25 & 26			
VOLTMETER	MCC	0-300V				250V DC MCC221			
27DC-004, 005, 006, 008	MOTOR UNDERVOLTAGE RELAY	250V DC	GE	NGV1744	663345-93	SEE REF 7, 8, 9, 10 & 11			
27DC-25, 26	BATTERY CHARGER UV RELAY	125V DC	SV	WESTINGHOUSE		ALARM, REF 14			
59DC-25, 26	BATT CHARGER OV AUX RELAY					ALARM, REF 14			
64-221	GROUND DETECTOR RELAY				DWG 333354	ALARM, REF 12			
27AC25, 26	BATTERY CHARGER UV RELAY					PART OF BATTERY CHARGER			
27DC-002	UNDERVOLTAGE RELAY	250V DC	GE	NGV1744	663345-93	250V DC MCC221			

LEGEND
LD2006 CONTROL STATION WITH AUTO STARTING DEVICE WITH LOCATION NUMBER

REFERENCES	DWG NO.
1. RECORD DRAWING BATTERY	663343
2. RECORD DRAWING 250V DC MOTOR CONTROL CENTER	663345
3. RECORD DRAWING BATTERY CHARGER	663344
4. SCHEMATIC DIAGRAM FOR GROUND DETECTOR 125/250V DC BUSES	333354
5. SINGLE LINE METER & RELAY DIAGRAM 480V SYS BUS SECTIONS 25D & 25E	441236
6. SINGLE LINE METER & RELAY DIAGRAM 25V DC SYS	441240
7. SCHEMATIC DIAGRAM MAIN TURBINE AUXILIARY PUMPS	441260
8. SCHEMATIC DIAGRAM SEAL OIL, STATOR COOLING & HYDROGEN CONTROL SYS	441250
9. SCHEMATIC DIAGRAM SEAL OIL, STATOR COOLING & HYDROGEN CONTROL SYS	441252
10. SCHEMATIC DIAGRAM MAIN ANNUNCIATOR	500782
11. SCHEMATIC DIAGRAM MAIN ANNUNCIATOR	500779
12. SCHEMATIC DIAGRAM MAIN ANNUNCIATOR	500790
13. BACK-UP OVERCURRENT BREAKER	6000378
14. SCHEMATIC DIAGRAM MAIN ANNUNCIATOR	500625
15. FUSE LIST	066145

NOTES
1. ** ALARM ONLY.
2. ALL BREAKERS IN DISTRIBUTION PANELS TO BE EQUIPPED WITH 1/4" INSIDE DIAMETER BRASS EYE BOLTS.
3. INTERRUPTING CAPACITY OF CIRCUIT BREAKERS SHALL BE NOT LESS THAN 20,000A AT 250V DC.
4. INTERRUPTING CAPACITY OF ALL FUSES SHALL BE NOT LESS THAN 50,000A AT 250V DC.
5. ALARMS FOR 250V DC BUS MCC 221 UNDERVOLTAGE & GROUND DETECTOR, SEE DWG 500790.

KEY DWG. SECTION 1C

DATE 03-03-2008 D.D. J.A.R. P.E. F.W.B.	REVISION DESCRIPTION ELECTRICAL SINGLE LINE METER AND RELAY DIAGRAM 125 VOLT AND 250 VOLT D.C. SYSTEM	UNIT 2 PACIFIC GAS AND ELECTRIC COMPANY SAN FRANCISCO, CALIFORNIA	DWG. SCALE BILL OF MATERIALS SHEET 1 OF 13 PAGE 10
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DATE: 03-03-2008
D.D.: J.A.R.
P.E.: F.W.B.