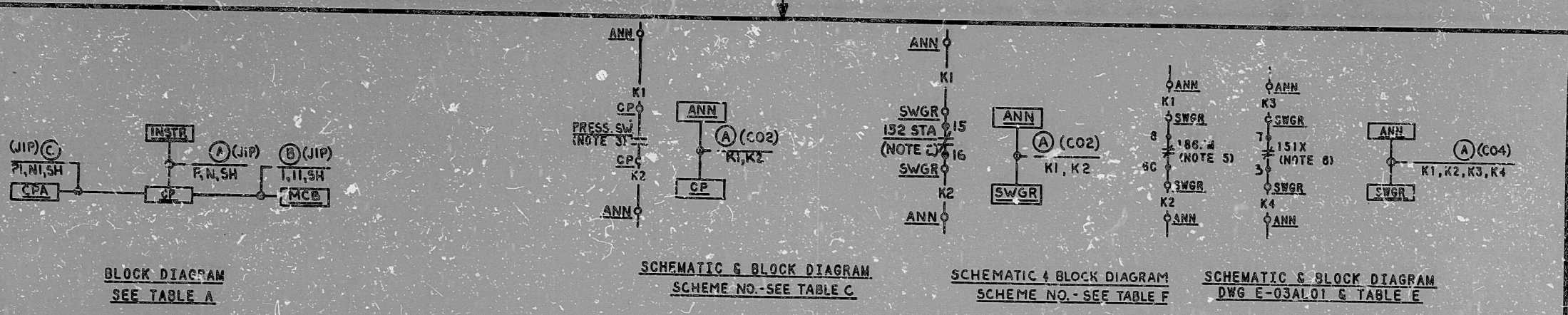


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**TABLE A - ESFAS LOW SUCTION PRESS MONITOR**

SCHEME NO.	PRESS XMTR LOC - INSTR	PWR SUPP LOC - CP	PRESS. IND. LOCATION - MCB	PRESS. IND. NO.	LOOP SCH. REF. DWG.	ESFAS PNL - CPA
1AL108A	ALPT37	RPO53AC	RLO26	ALPT37	J-110-0357	SA036A
2AL108B	ALPT38	RPO53DA	RLO26	ALPT38	J-110-0358	SA036C
4AL108C	ALPT39	RPO53BC	RLO26	ALPT39	J-110-0359	SA036B

**TABLE C - MOTOR DRIVEN PUMP DISC. PRESS.**

SCHEME NO.	PRESS. SW. NO. - PS	ANNUN. ANN	ANNUN. PT.	ANN. DWG. BECHTEL V.P. NO.	PRESS. SW. LOC - CP	LOOP REF. DWG.
5ALR08G	ALPSL16	RKO45C2	ALPAL13	J-108-0026	RPO53EA	J-110-0704
6ALR08H	ALPSL13	RKO45C4	ALPAL13	J-108-0024	RPO53EB	J-110-0703

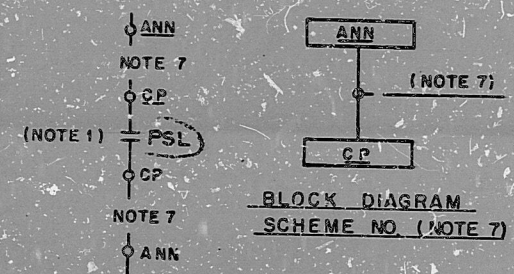
**TABLE E - MISC. SWGR ALARMS**

SCHEME NO.	SWGR NO.	ANN LOC ANN	ANN POINT	ANN. DWG. BECHTEL V.P. NO.
1ALR08N	NB0105	RKQ45A	ALQA43	J-108-0026
4ALR08P	NB0205	RKQ45B	ALQA44	J-108-0026

**TABLE F - MOTOR DRIVEN PUMP RUNNING**

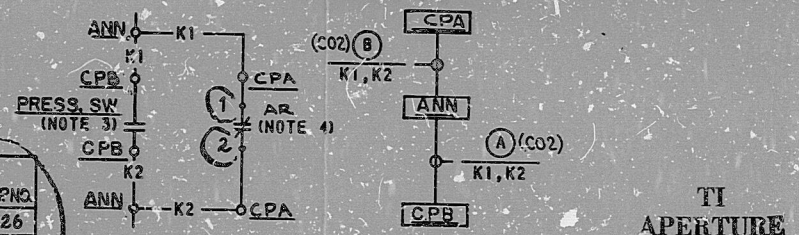
SCHEME NO.	SWGR	ANNUN. ANN	ANNUN. PT.	ANN. DWG. BECHTEL V.P. NO.
1ALR08Q	NB0105	RKQ45A	ALPAL13	J-108-0026
4ALR08Q	NB0205	RKQ45B	ALPAL13	J-108-0026

- CONTACT IS CLOSED WHEN MOV IS IN FULL OPEN POSITION. SEE DWG E-03AL03
- FOR CABLE PULL & WIRE NOS. SEE SCHEME REF. DWG. NO. (ASSOCIATED TABLE)
- CONTACT OPENS TO ALARM WHEN PUMP MOTOR CURRENT EXCEEDS 115% OF NORMAL RUNNING CURRENT REF DWG E-03AL01
- CONTACT OPENS TO ALARM WHEN BREAKER IS TRIPPED BY OVERCURRENT RELAYS REF DWG E-03AL01
- CONTACT OPENS WHEN TURBINE DRIVEN PUMP IS RUNNING. SEE DWG E-03FC23
- CONTACT OPENS TO ALARM WHEN PUMP DISCHARGE PRESS IS LOW
- CONTACT IS OPEN WHEN MOTOR DRIVEN PUMP IS RUNNING SEE TABLE F REF DWG. E-03AL01.
- CONTACT OPENS TO ALARM ON PUMP SUCTION PRESS LOW



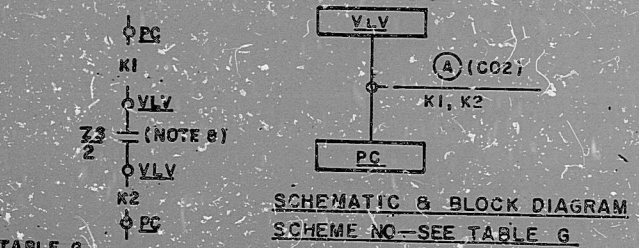
**TABLE B - MISC LOW PRESS ALARMS**

SCHEME REF. DWG.	PRESS SW. LOC - CP	PRESS SW. NO.	ANN LOC ANN	ANN POINT	LOOP SCH. REF. DWG.	CONTACT TERM. NO.	ANN. DWG. BECHTEL V.P. NO.
E-03RPO8	RPO53BC	ALPSL24	RKQ45B	ALPAL24	J-110-0346	18-27	J-108-0026
E-03RPO5	RPO53AC	ALPSL25	RKQ45A	ALPAL24	J-110-0347	18-26	J-108-0026
E-03RPO2	RPO53CB	ALPSL26	RKQ45C4	ALPAL24	J-110-0348	18-27	J-108-0026



**TABLE D - TURB AUX FWDTR PMP - LOW PRESS ALARM**

SCHEME NO	PRESS. SW. LOC - CPB	PRESS SW. NO. - PS	AUX REL LOC - CPA	AR & CONTACT	ANN LOC ANN	ANN POINT	ANN. DWG. BECHTEL V.P. NO.	LOOP REF. DWG.
6ALR08L	RPO53EB	ALPSL19	RP266	3XF019	RKQ45C4	ALPAL13	J-108-0026	J-110-0705



**TABLE G**

SCHEME NO.	VLV LOC - VLV	COMPUTER POINT	COMPUTER LOC - PC	COMPUTER DWG. BECHTEL V.P. NO.
4ALR08A	ALHV5	ALZ5	RJ150A	J-106-0115
4ALR08B	ALHV7	ALZ7	RJ150A	J-106-0115
1ALR08C	ALHY9	ALZ9	RJ159A	J-106-0115
1ALR08D	ALHV11	ALZ11	RJ159A	J-106-0115

REF. DWGS:  
M-02AL01  
J-02AL05

REVIEW LEVEL 3

REV. TABLES 3	DATE	BY	CHK	DESIGN	ENGR	PRG	ENGR
REV. TABLE 2							
REV. TABLE A, B, C, D, SCHEMATIC & BLOCK DIAGRAM							
REV. TABLE E & NOTE 8							
REVISED ALL TABLES							
ADDED CABLE CODES							
US SAVED FOR CONSTRUCTION							
NO. DATE	REVISIONS	BY	CHK	DESIGN	ENGR	PRG	ENGR
SCALE	DESIGNED JR	DRAWN CAD	CHKP	ENGR			
<b>BECHTEL</b> GAITHERSBURG, MARYLAND							
<b>SUPPS</b>							
SCHEMATIC DIAGRAM							
INSTRUMENTATION & ALARMS (SHEET 3)							
				UTILITY DRAWING NO.	REV		
				JOB NO	BECHTEL DRAWING NO.		
				10480	E-03AL08 (0)		
				DRAWING APPLICABLE TO UNIT			

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PDR RIDS

