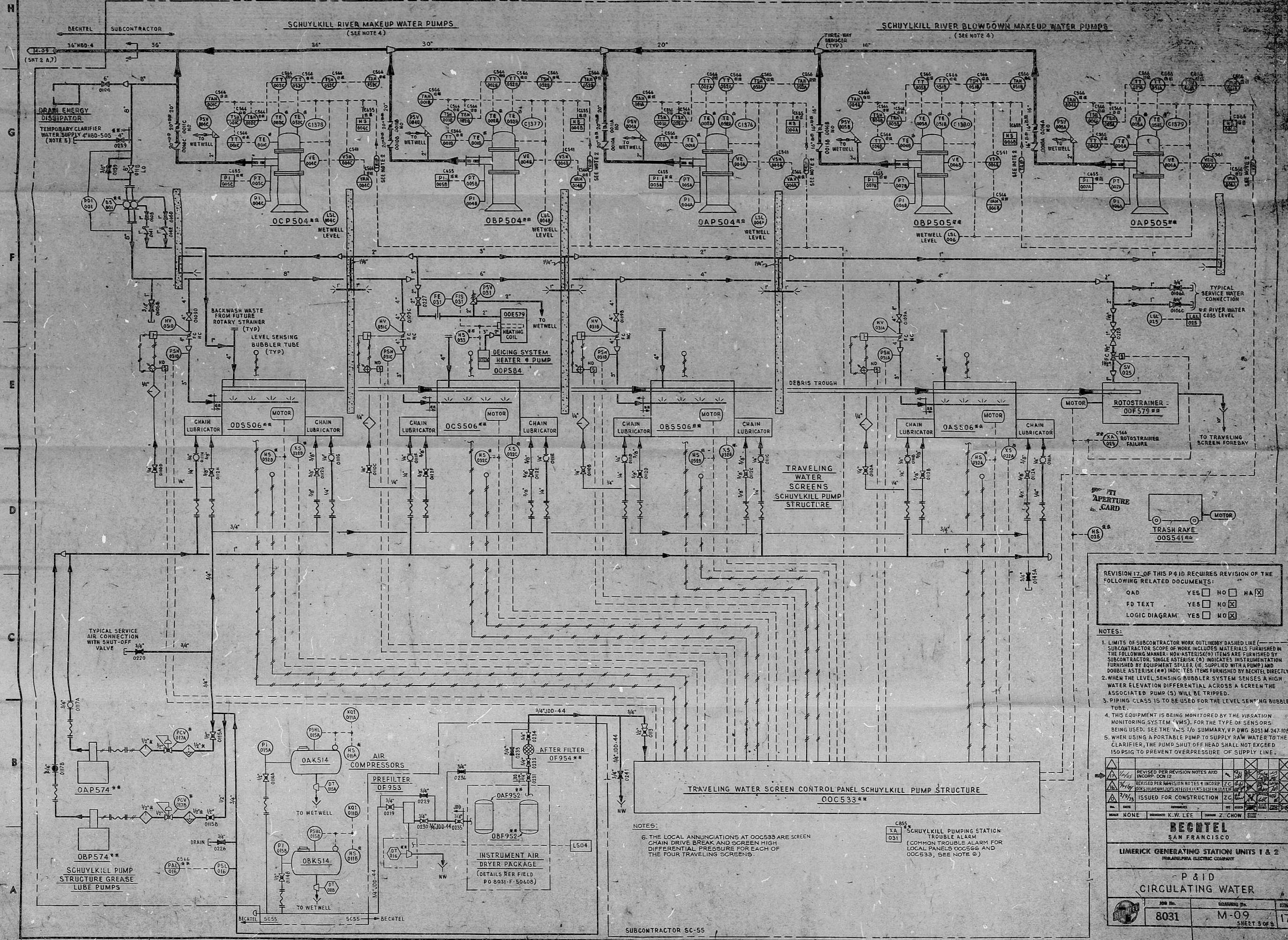




REVISION 17 OF THIS P&ID REQUIRES REVISION OF THE FOLLOWING RELATED DOCUMENTS:

DOC	YES	NO	NA
QAD	☐	☐	☒
FD TEXT	☐	☐	☒
LOGIC DIAGRAM	☐	☐	☒

- NOTES:
- LIMITS OF SUBCONTRACTOR WORK OUTLINED BY DASHED LINE. SUBCONTRACTOR SCOPE OF WORK INCLUDES MATERIALS FURNISHED IN THE FOLLOWING MANNER: NON-ASTERISK (*) ITEMS ARE FURNISHED BY SUBCONTRACTOR; SINGLE ASTERISK (*) INDICATES INSTRUMENTATION FURNISHED BY EQUIPMENT SUPPLIER (IE. SUPPLIED WITH A PUMP); AND DOUBLE ASTERISK (**) INDICATES ITEMS FURNISHED BY BECTEL DIRECTLY.
 - WHEN THE LEVEL SENSING BUZZER SYSTEM SENSES A HIGH WATER ELEVATION DIFFERENTIAL ACROSS A SCREEN THE ASSOCIATED PUMP(S) WILL BE TRIPPED.
 - PIPING CLASS 15 IS TO BE USED FOR THE LEVEL SENSING BUZZER TUBE.
 - THIS EQUIPMENT IS BEING MONITORED BY THE VIBRATION MONITORING SYSTEM (VMS). FOR THE TYPE OF SENSORS BEING USED, SEE THE VMS I/O SUMMARY, VP DWG 8031-M-247-108.
 - WHEN USING A PORTABLE PUMP TO SUPPLY RAW WATER TO THE CLARIFIER, THE PUMP SHUT-OFF HEAD SHALL NOT EXCEED 150 PSIG TO PREVENT OVERPRESSURE OF SUPPLY LINE.

REV	DATE	BY	CHKD	APPD	DESCRIPTION
1	12/15/88	K.W. LEE	Z. CHOW		REVISED PER REVISION NOTES AND INCORP. CDR 12
2	12/15/88	K.W. LEE	Z. CHOW		REVISED PER REVISION NOTES AND INCORP. CDR 12
3	12/15/88	K.W. LEE	Z. CHOW		ISSUED FOR CONSTRUCTION

BECTEL
SAN FRANCISCO

LIMERICK GENERATING STATION UNITS 1 & 2
FRAZER & PIERCE ELECTRIC COMPANY

P&ID
CIRCULATING WATER

8031 M-09
SHEET 3 OF 3

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PDR RIDS

