



PRC
APERTURE
CARD

30X

- NOTES:
1. THIS LINE SHALL BE KEPT AS SHORT AS POSSIBLE FROM THE DISCULATION LINES TO THE METERING PUMPS IN THE SOLID WASTE SYSTEM. (SEE P&ID M-425, SM 2)
 2. OPM-0748 A & B SHOULD BE LOCATED WITHIN THREE FEET OF TANK NOZZLES.
 3. VACUUM RELIEF VALVE INLET LINES TO BE PROVIDED WITH LOPS TO PREVENT RUST ACCUMULATION.
 4. PRESSURE POINTS FOR PUMPS OP-02E A & B MAY BE USED FOR TESTING AND FLUSHING DURING PUMP MAINTENANCE.
 5. THE LOOP ISOLATION VALVE SHOULD BE CONVENIENTLY LOCATED IN A LOW LOCATION TO ALLOW FILLING OF THE LOOP BY DEPRESSURIZED WATER. A NORMALLY OPEN ISOLATION VALVE SHOULD BE INCLUDED UP STREAM OF THE TUBING WHICH MAY BE MANIPULATED FOR THE LOOP SERVICE MAINTENANCE.
 6. ALL HEAT TRACING OF THIS TUBING IS ELECTRICAL.
 7. THIS IS NOT INSTRUMENT TUBING. INSTRUMENT TUBING IS SHOWN ON P&ID M-425, SM 2, CO-8.

REVISION	NO.	DATE	BY	DESCRIPTION
1	1	11/15/54	AL JONES	ISSUED FOR CONSTRUCTION
2	2	11/15/54	AL JONES	REVISIONS FOR P&ID
3	3	11/15/54	AL JONES	REVISIONS FOR P&ID
4	4	11/15/54	AL JONES	REVISIONS FOR P&ID
5	5	11/15/54	AL JONES	REVISIONS FOR P&ID
6	6	11/15/54	AL JONES	REVISIONS FOR P&ID
7	7	11/15/54	AL JONES	REVISIONS FOR P&ID
8	8	11/15/54	AL JONES	REVISIONS FOR P&ID
9	9	11/15/54	AL JONES	REVISIONS FOR P&ID
10	10	11/15/54	AL JONES	REVISIONS FOR P&ID

BECHTEL
AND ASSOCIATES

MIDLAND PLANT UNITS 1 & 2
COMSUMERS POWER COMPANY

PIPING AND INSTRUMENT DIAGRAM
LIQUID WASTE UNIT 1 & 2

JOB NO.	7220	ISSUED BY	M-407 SH 2B	REV.	3
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