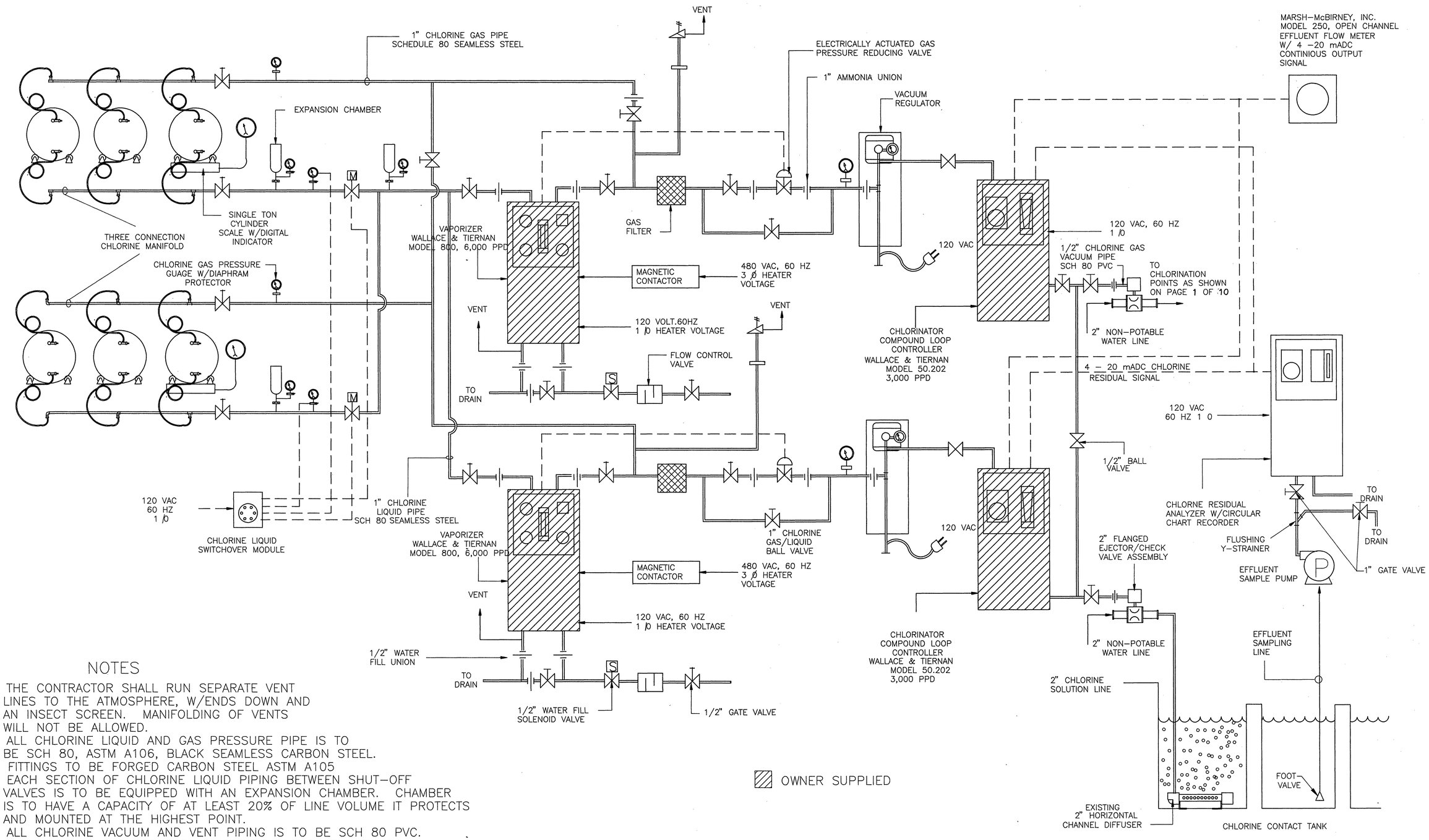

NOTES

1. THE CONTRACTOR SHALL RUN SEPARATE VENT LINES TO THE ATMOSPHERE, W/ENDS DOWN AND AN INSECT SCREEN. MANIFOLDING OF VENTS WILL NOT BE ALLOWED.
2. ALL CHLORINE LIQUID AND GAS PRESSURE PIPE IS TO BE SCH 80, ASTM A106, BLACK SEAMLESS CARBON STEEL. FITTINGS TO BE FORGED CARBON STEEL ASTM A105
3. EACH SECTION OF CHLORINE LIQUID PIPING BETWEEN SHUT-OFF VALVES IS TO BE EQUIPPED WITH AN EXPANSION CHAMBER. CHAMBER IS TO HAVE A CAPACITY OF AT LEAST 20% OF LINE VOLUME IT PROTECTS AND MOUNTED AT THE HIGHEST POINT.
4. ALL CHLORINE VACUUM AND VENT PIPING IS TO BE SCH 80 PVC.
5. ALL CHLORINE GAS PRESSURE LINES ARE TO BE HEAT TRACED.

OWNER SUPPLIED

CLEAN WATER ENGINEERS, INC.
P.O. BOX 218
FINCASTLE, VIRGINIA 24090

ROANOKE WATER POLLUTION CONTROL FACILITY
CHLORINATION/DECHLORINATION FACILITIES
CHLORINE GAS DELIVERY SYSTEM

COMMONWEALTH OF VIRGINIA
DAVID J. RIGBY
No. 8169
CERTIFIED PROFESSIONAL ENGINEER

REVISIONS		
NO.	DATE	BY
1	5-9-89	DJR

DESIGNED: WGP	SHEET: 5 OF 10
DRAWN: CAD	SCALE: AS SHOWN
CHECKED: DJR	DATE: JAN 1989
APPROVED: DJR	PROJECT: 87025