



TANK CAPACITY: 1,000,000 GALLONS
OVERFLOW ELEVATION: 1140.0'
TANK HEIGHT: 24'-0"
TOP OF FOUNDATION ELEV: 1116.00'
TANK DIAMETER: 90'-0"

1. TANKS TO BE BUILT IN ACCORDANCE WITH AWWA D100.
2. TANKS TO BE FIELD LOCATED BY ENGINEER.
3. ALL TANKS TO BE EQUIPPED W/ PAINTERS TROLLEY AND SAFETY CLIMB DEVICE. (16' TALL AND ABOVE)
4. FOUNDATION SHALL EXTEND A MINIMUM OF 3'-0" BELOW FINISHED GRADE AND ALWAYS PENETRATE A MINIMUM OF 1'-0" INTO UNDISTURBED SOIL.
5. TOP OF OVERFLOW PIPE SHALL HAVE A MINIMUM OF CLEARANCE BELOW ROOF STRUCTURE AND SHALL BE VISIBLE THROUGH ROOF HATCH OPENING WHILE STANDING ON ROOF.
6. SOIL BEARING CAPACITY SHALL BE VERIFIED BY THE CONTRACTOR DURING EXCAVATION. A GEOTECHNICAL ENGINEER SHALL MAKE THIS VERIFICATION.
7. OVERFLOW PIPE SHALL BE ACCESSIBLE FROM 36"x36" ROOF HATCH OR AN ADDITIONAL 12"x12" HATCH SHALL BE PROVIDED FOR ACCESS TO OVERFLOW
8. DETAILS AND NOTES ON THIS SHEET ARE TO SHOW INTENT FOR THE ALTERNATE WELDED TANK. USE STANDARD DETAILS APPROVED BY THE VIRGINIA DEPARTMENT OF HEALTH FOR ALL OTHER TANKS.
9. TANK FOUNDATION DESIGN SHALL BE BY THE TANK MANUFACTURER IN ACCORDANCE WITH AWWA.
10. SEE MILL MOUNTAIN SITE PLAN (SHEET 19) FOR ORIENTATION OF LEVEL INDICATOR, HATCH, LADDER, AND PIPING.

Drawn By	ACF
Designed By	RBS
Checked By	SEH
Date	MARCH 93

Scale	AS NOTED
Plan Number	C2DTRWL5
Zoned	NONE
Sheet	20 of 25
File Number	C1160

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