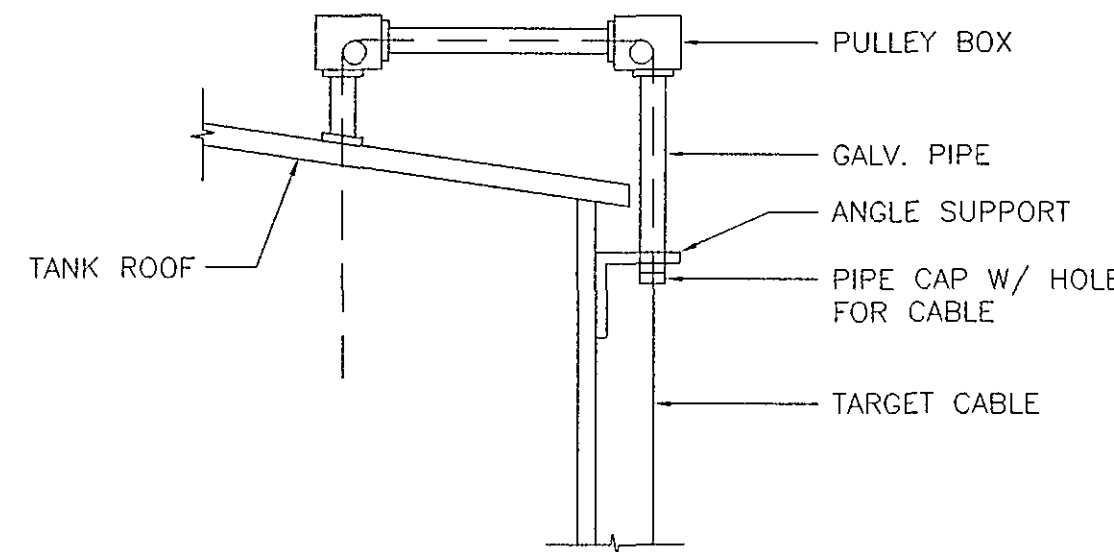
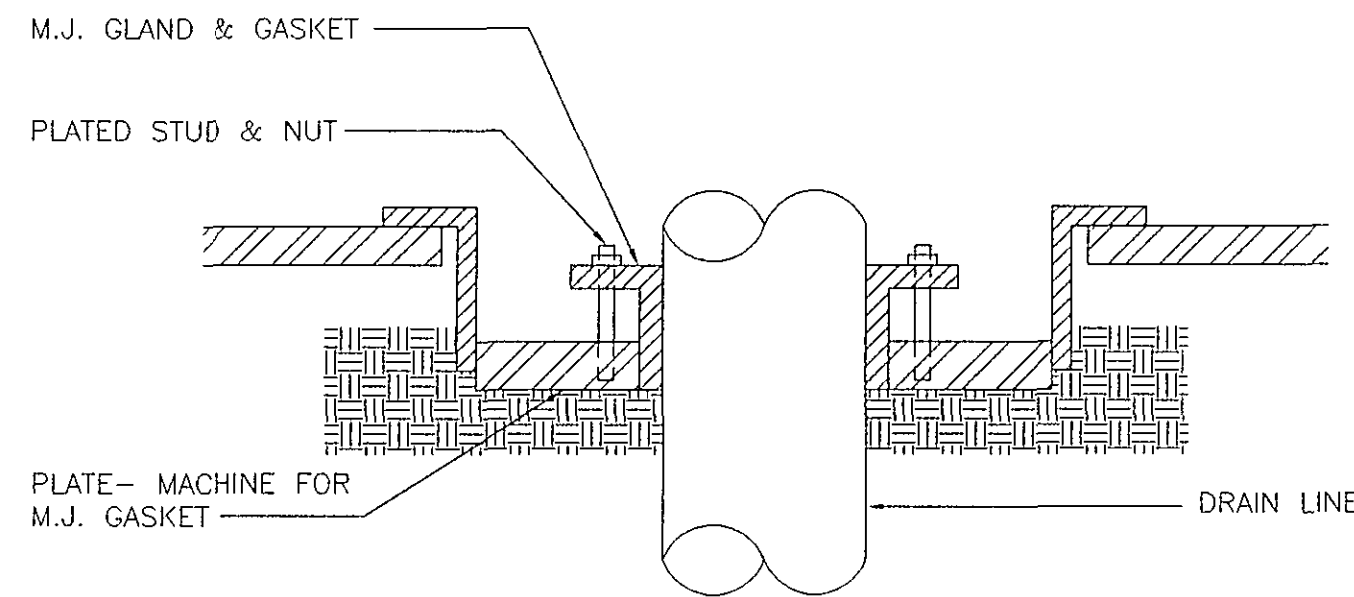


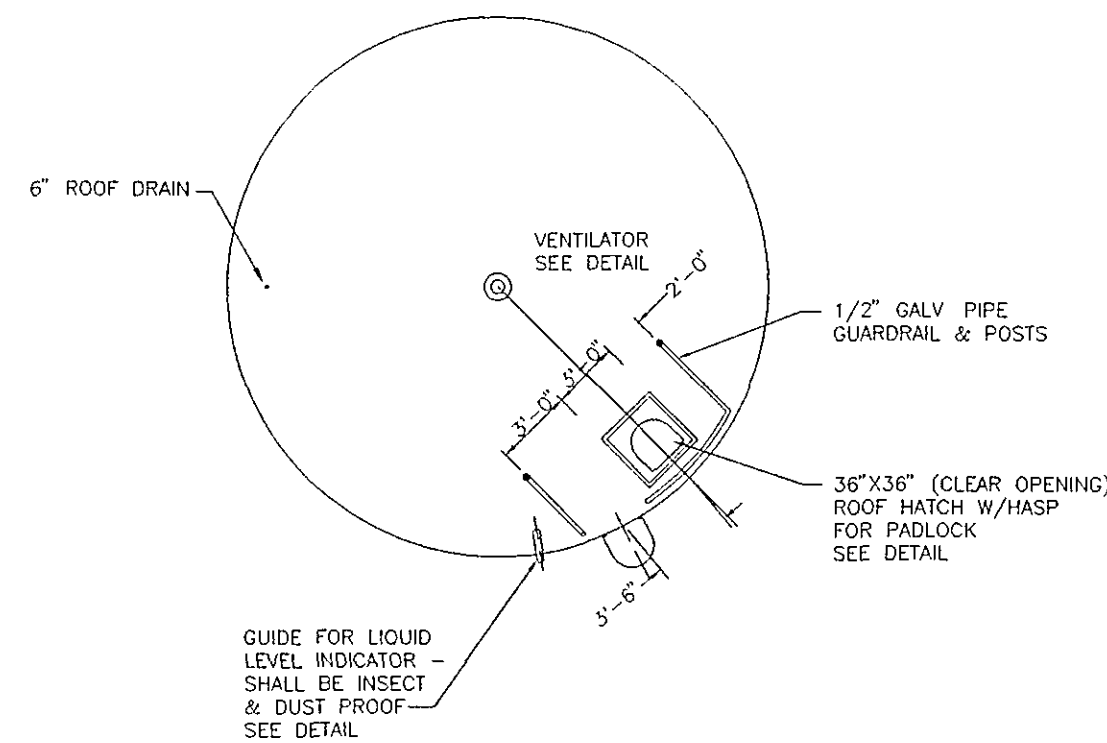
VENTILATOR DETAIL  
NTS



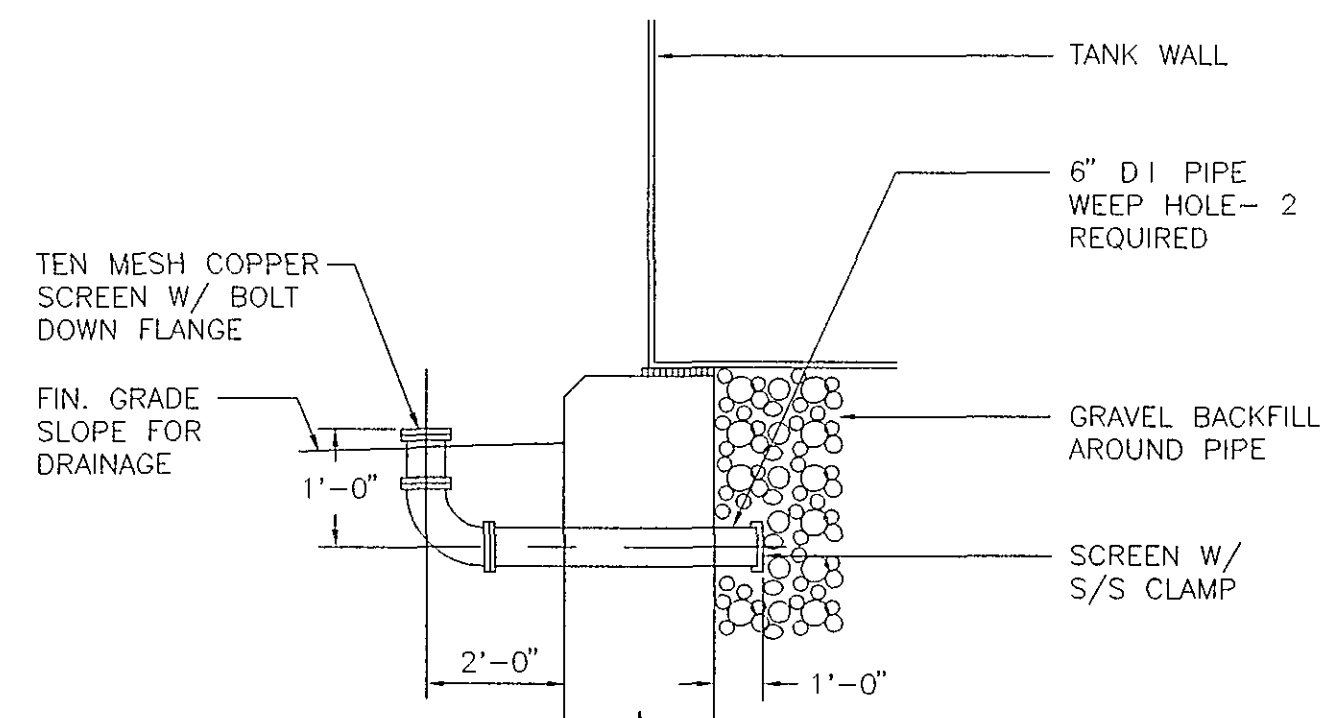
PULLEY BOX DETAIL  
NTS



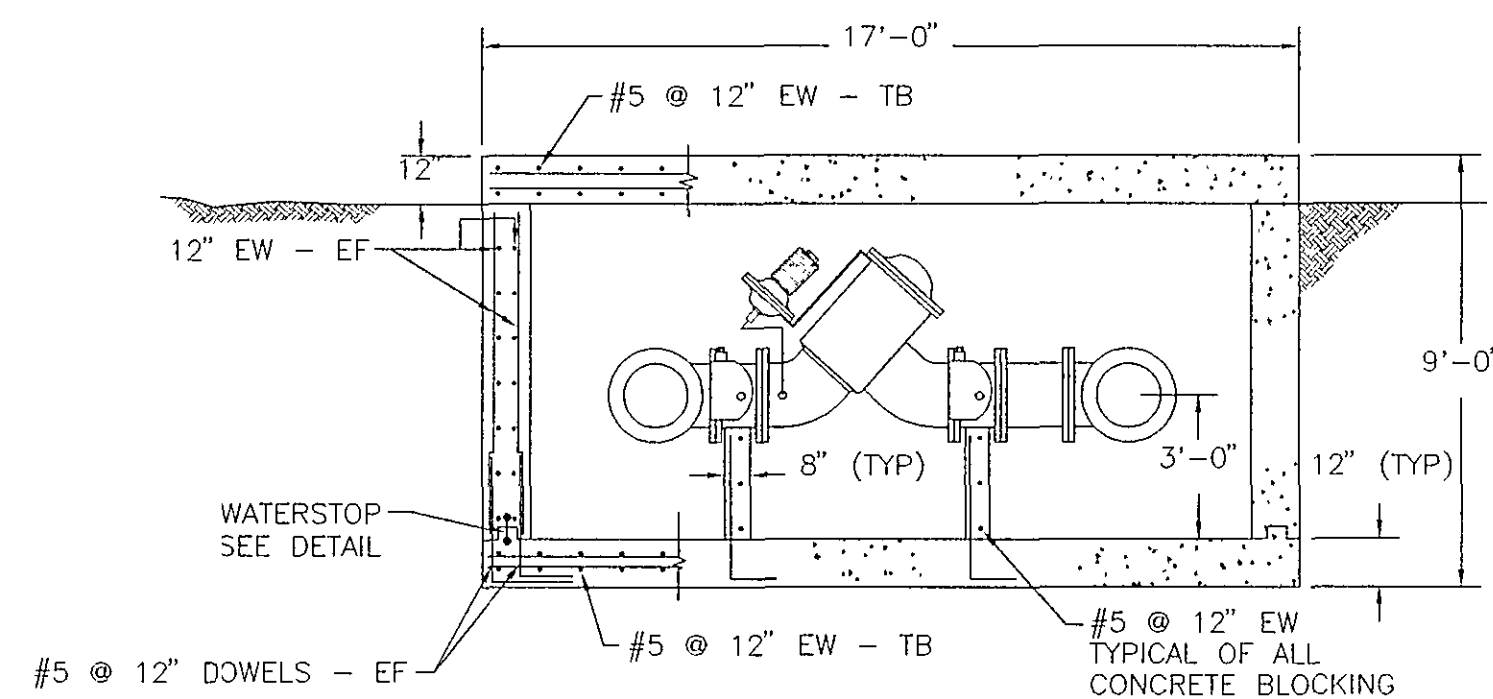
TANK DRAIN  
NTS



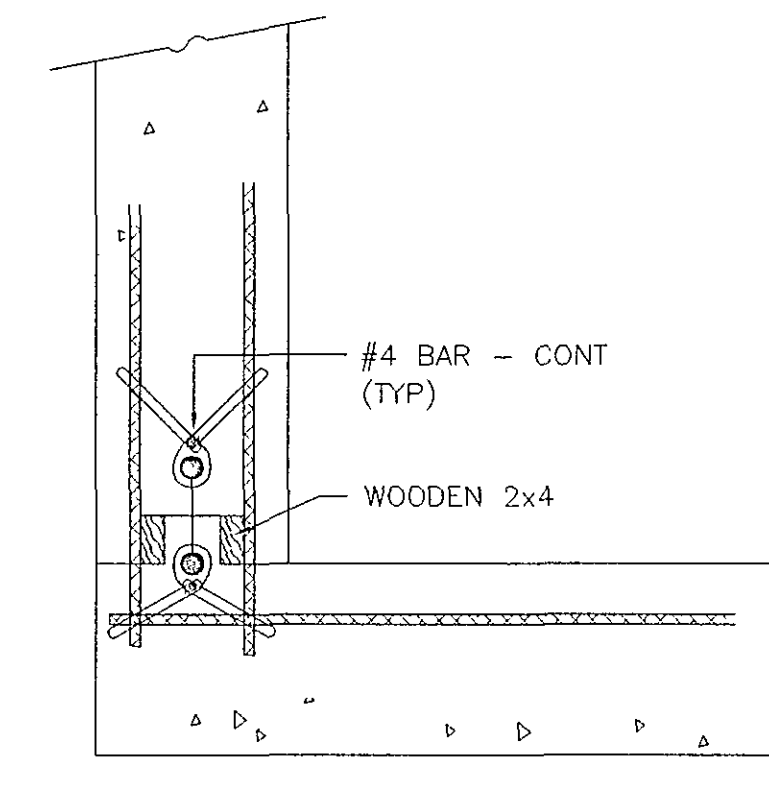
ROOF PLAN  
NTS



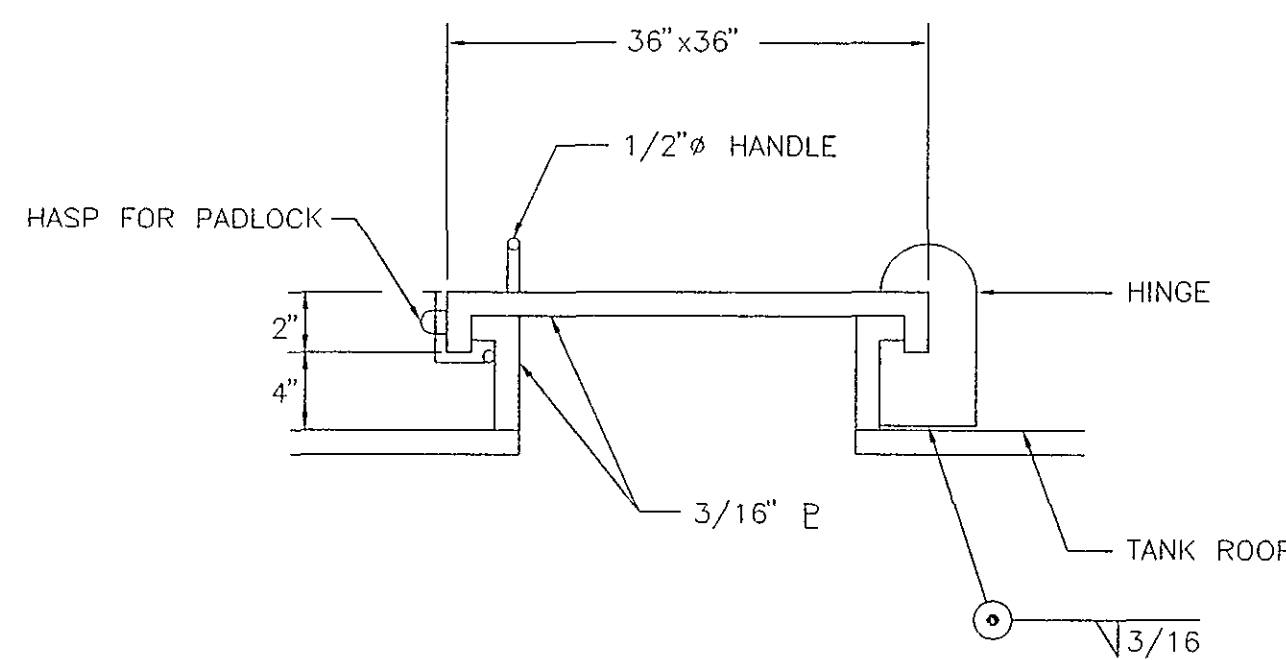
WEEP DETAIL  
NTS



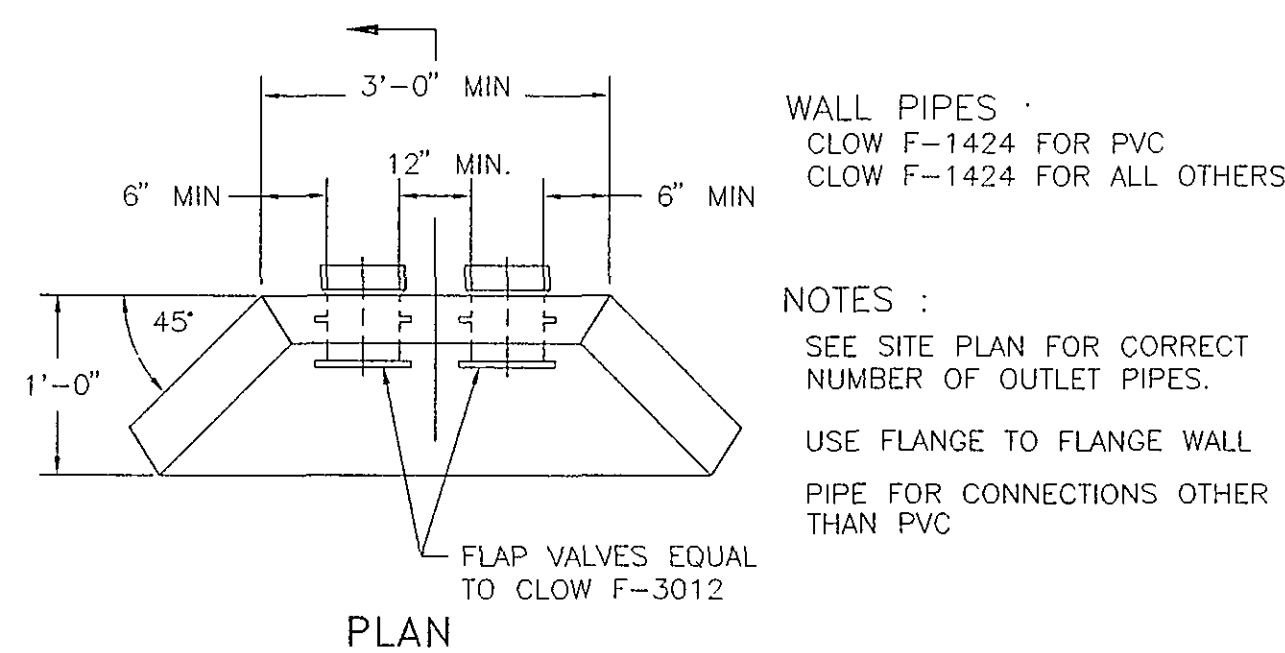
SECTION A-A  
NTS



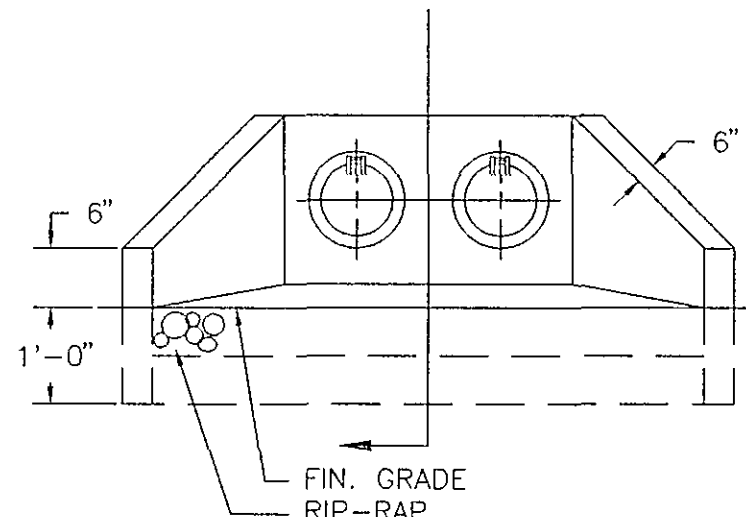
WATERSTOP DETAIL  
NTS



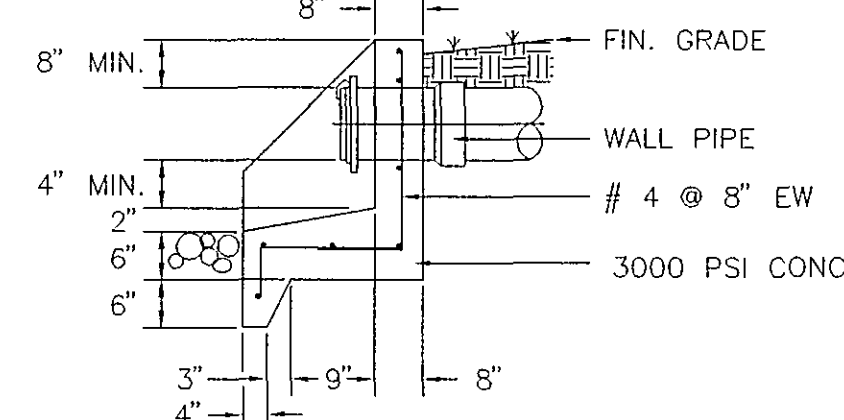
ROOF HATCH DETAIL  
NTS



PLAN

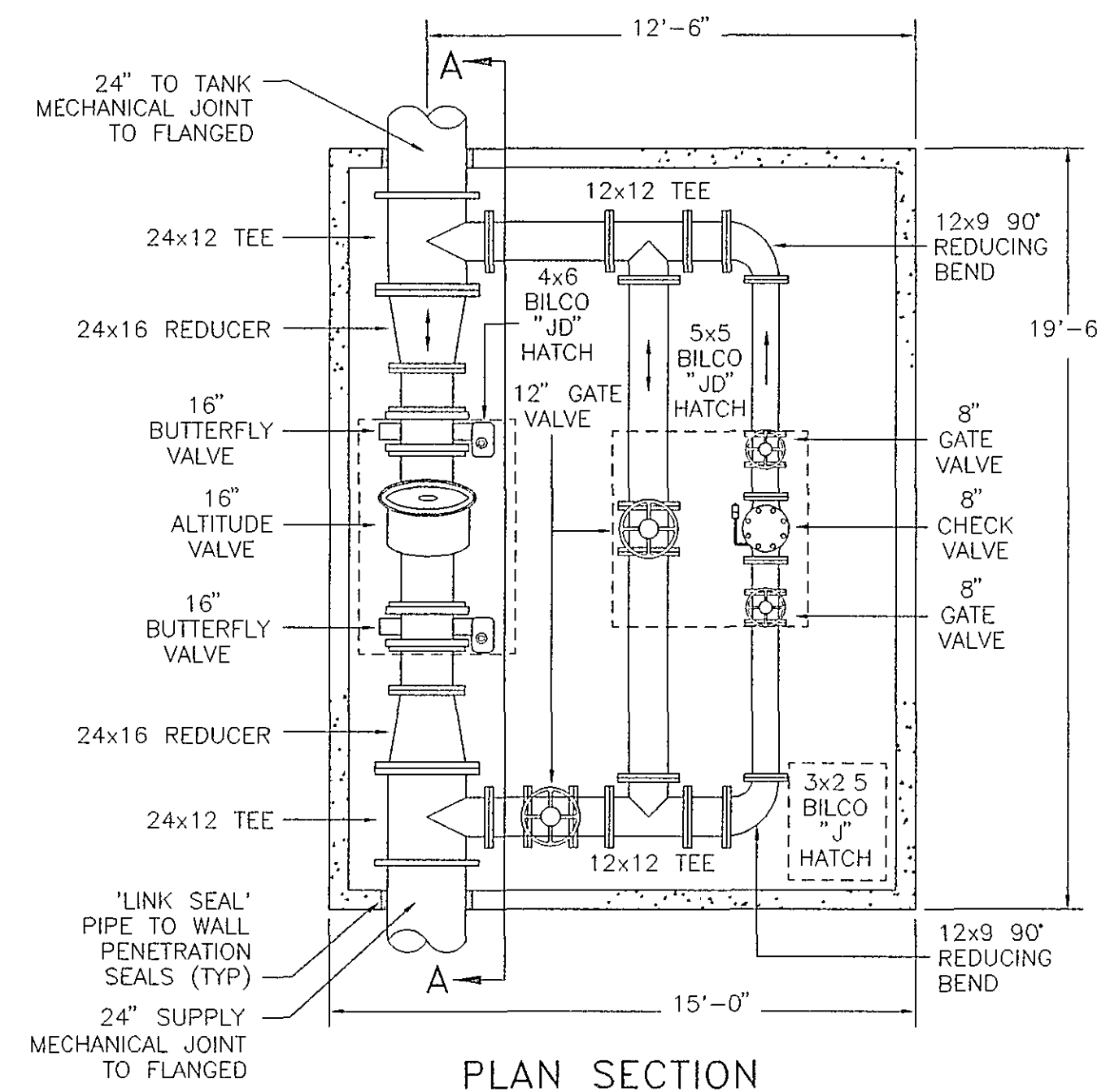


ELEVATION



SECTION

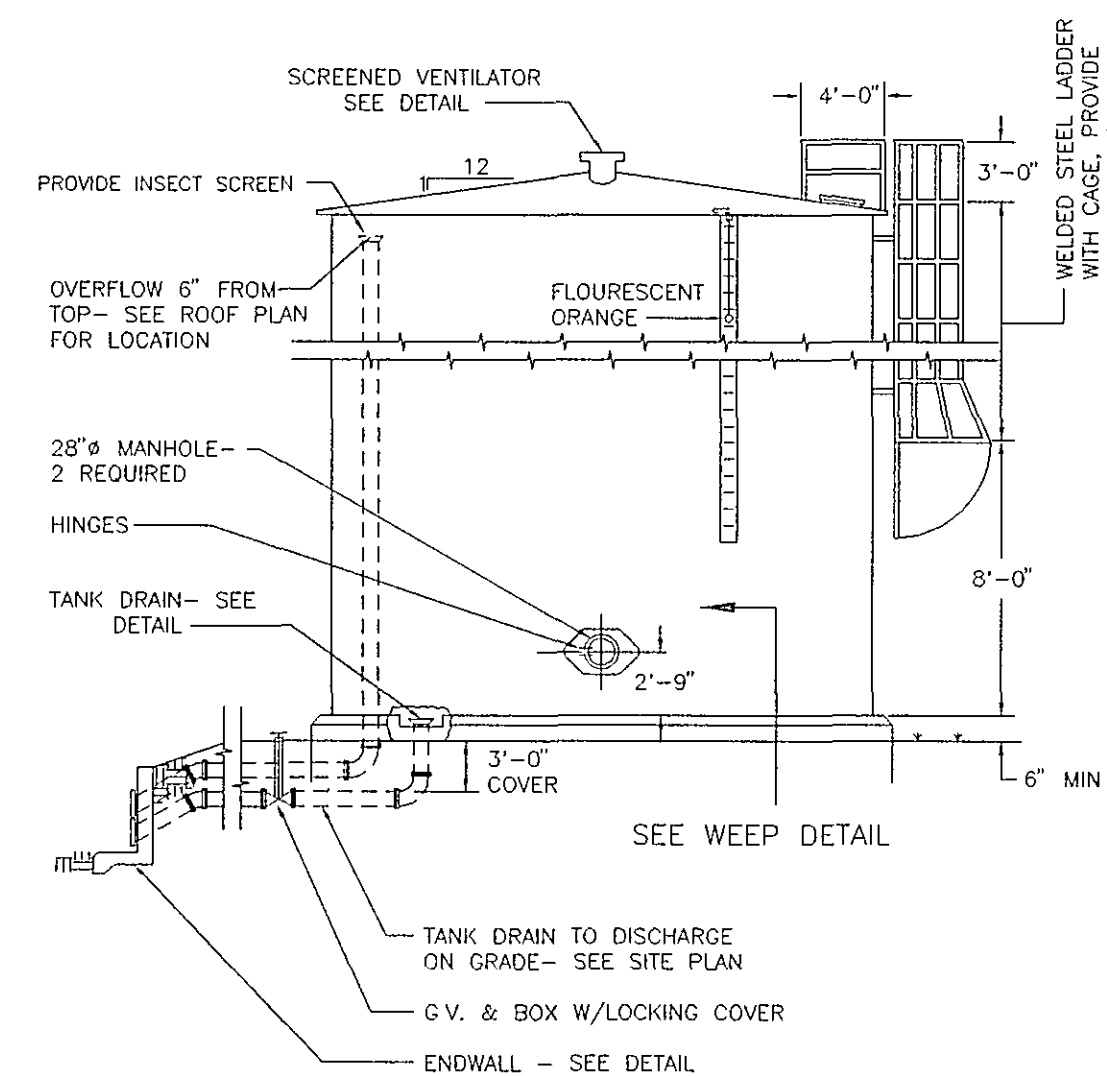
ENDWALL DETAILS  
NTS



PLAN SECTION

NOTE  
ALL PIPES AND FITTINGS ARE FLANGED EXCEPT WHERE NOTED.  
ALL BILCO HATCHES ARE STEEL

VALVE VAULT  
AT MILL MOUNTAIN TANK  
NTS

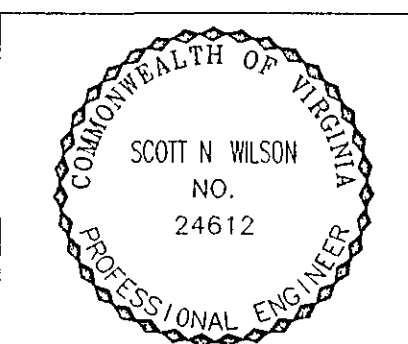


WATER TANK ELEVATION  
NTS

**TANK DATA**  
TANK CAPACITY. 1,000,000 GALLONS  
OVERFLOW ELEVATION. 1140.00'  
TANK HEIGHT. 24'-0"  
TOP OF FOUNDATION ELEV. 1116.00'  
TANK DIAMETER. 90'-0"

### GENERAL NOTES

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.
11. OVERFLOW PIPE SHALL BE EQUIPPED WITH AN INSECT SCREEN AS SHOWN



ENGINEER'S SEAL

AS BUILT

WATER DEP'T #93-25

Architects  
Engineers  
Planners  
Surveyors

**Dewberry & Davis**

5238 Valleypointe Parkway, Suite One-B  
Roanoke, Virginia 24019  
☎ 703 362-7725

**Carvins Cove, Phase II**  
City of Roanoke  
Roanoke, Virginia

**CONTRACT "C2"**  
**MILL MOUNTAIN**  
**GROUND STORAGE TANK**  
**DETAILS**

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