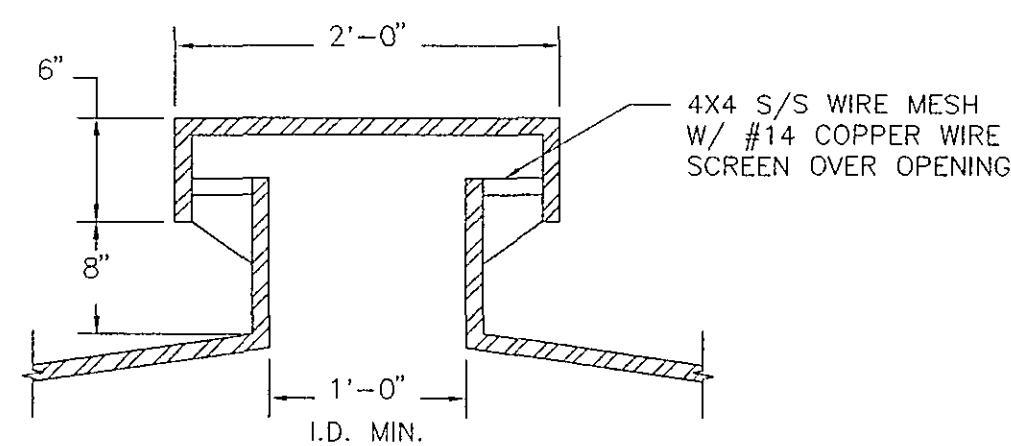
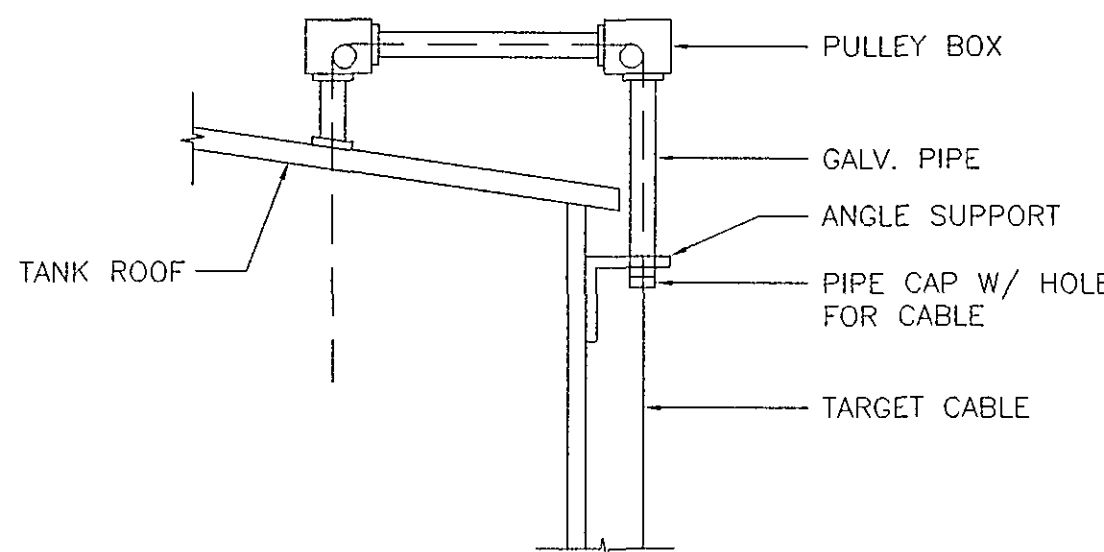
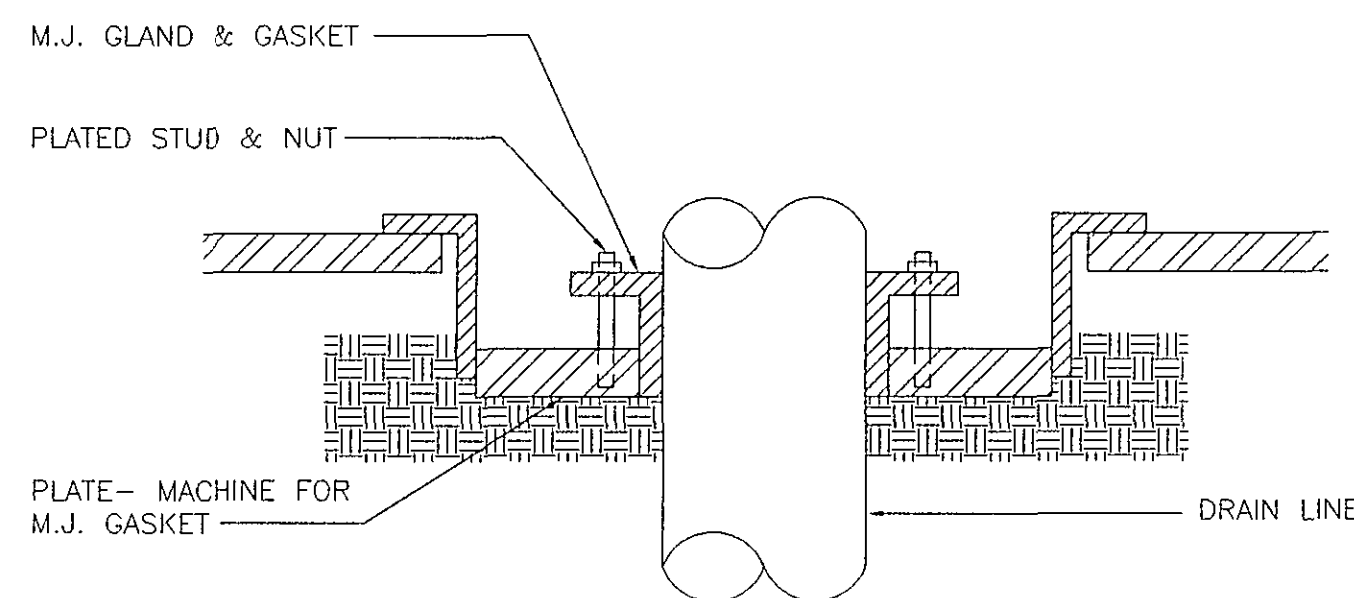




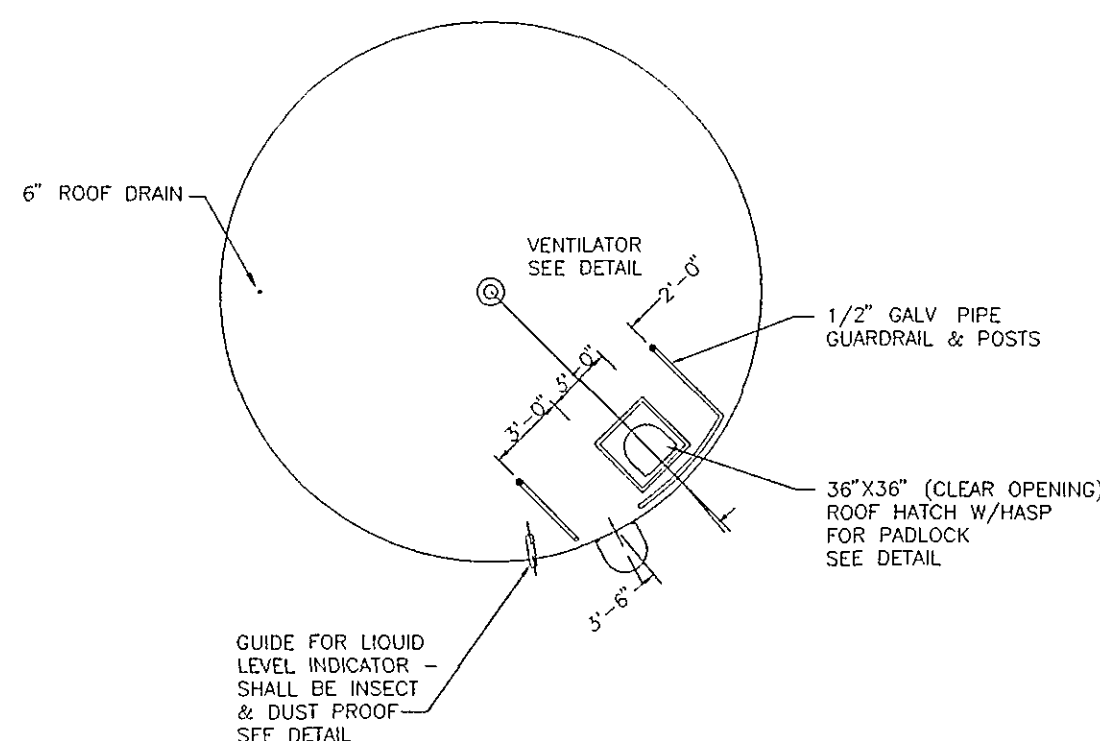
VENTILATOR DETAIL
NTS



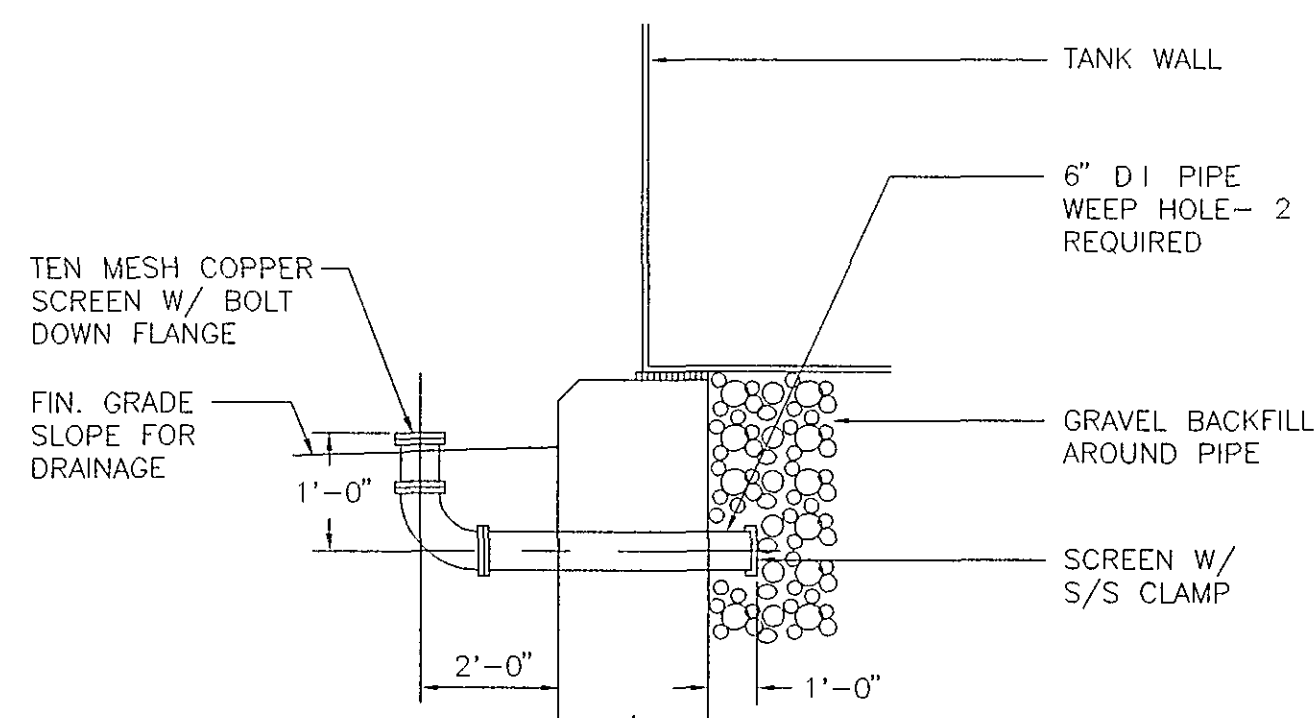
PULLEY BOX DETAIL
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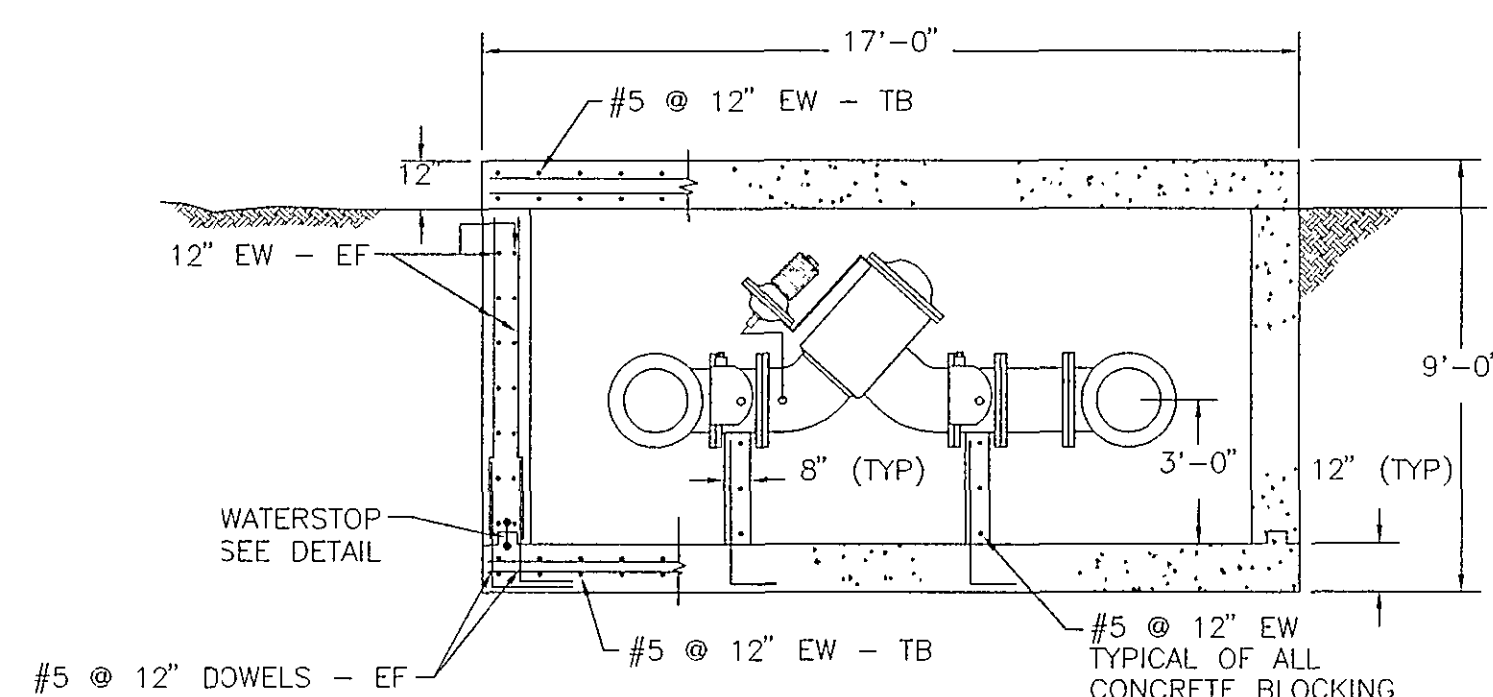
TANK DRAIN
NTS



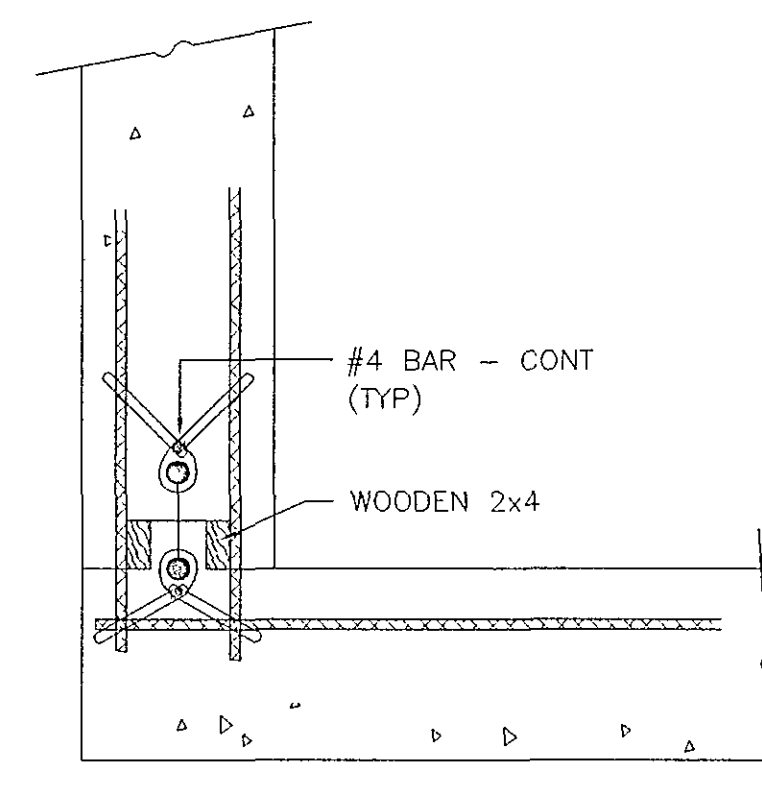
ROOF PLAN
NTS



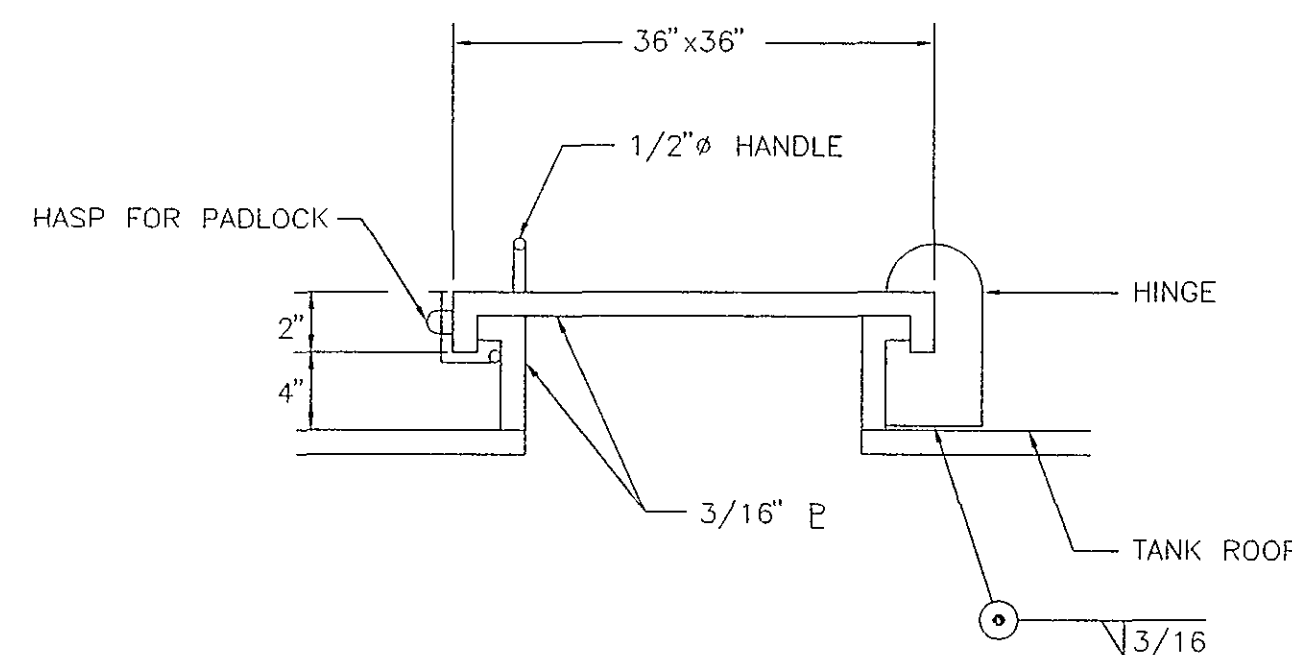
WEEP DETAIL
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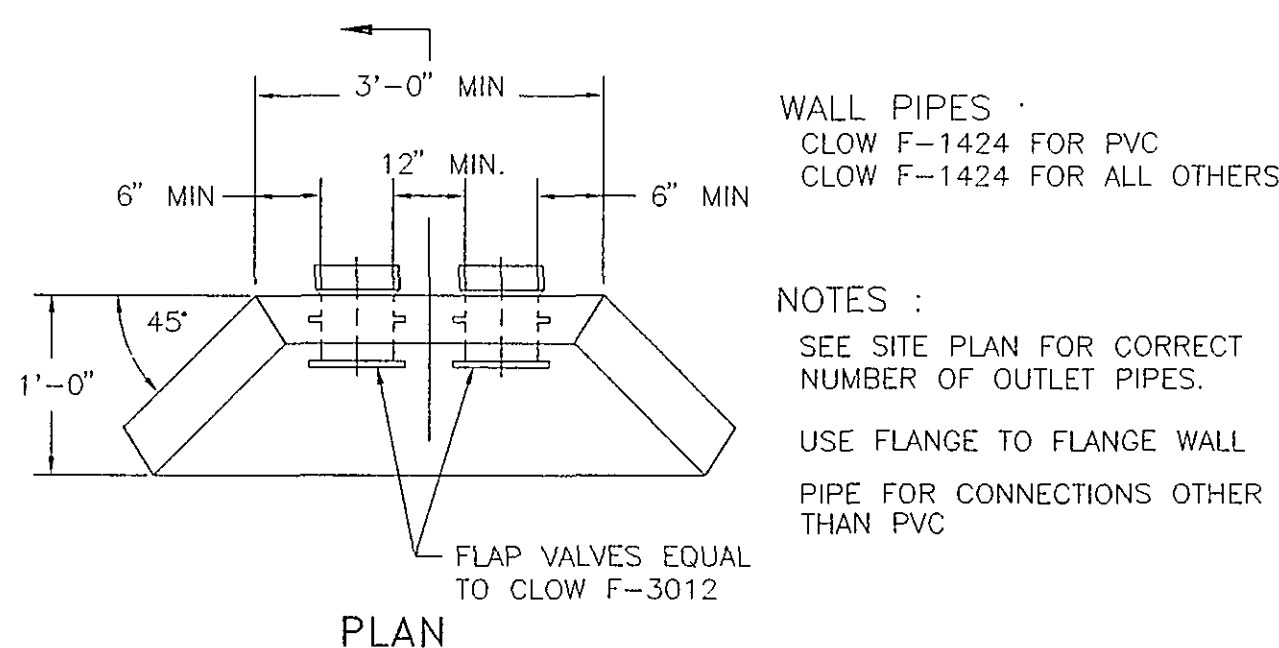
SECTION A-A
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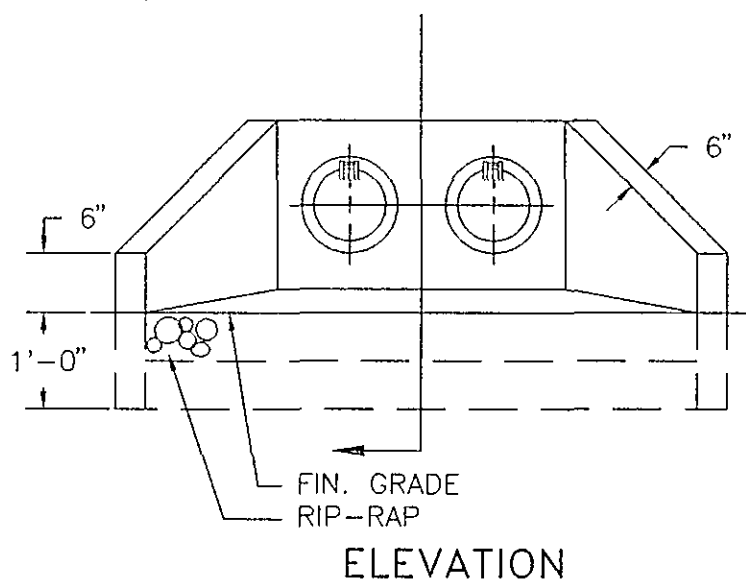
WATERSTOP DETAIL
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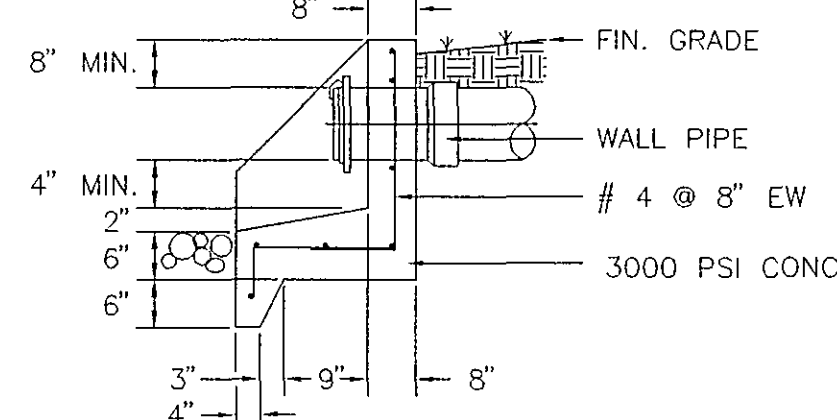
ROOF HATCH DETAIL
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PLAN

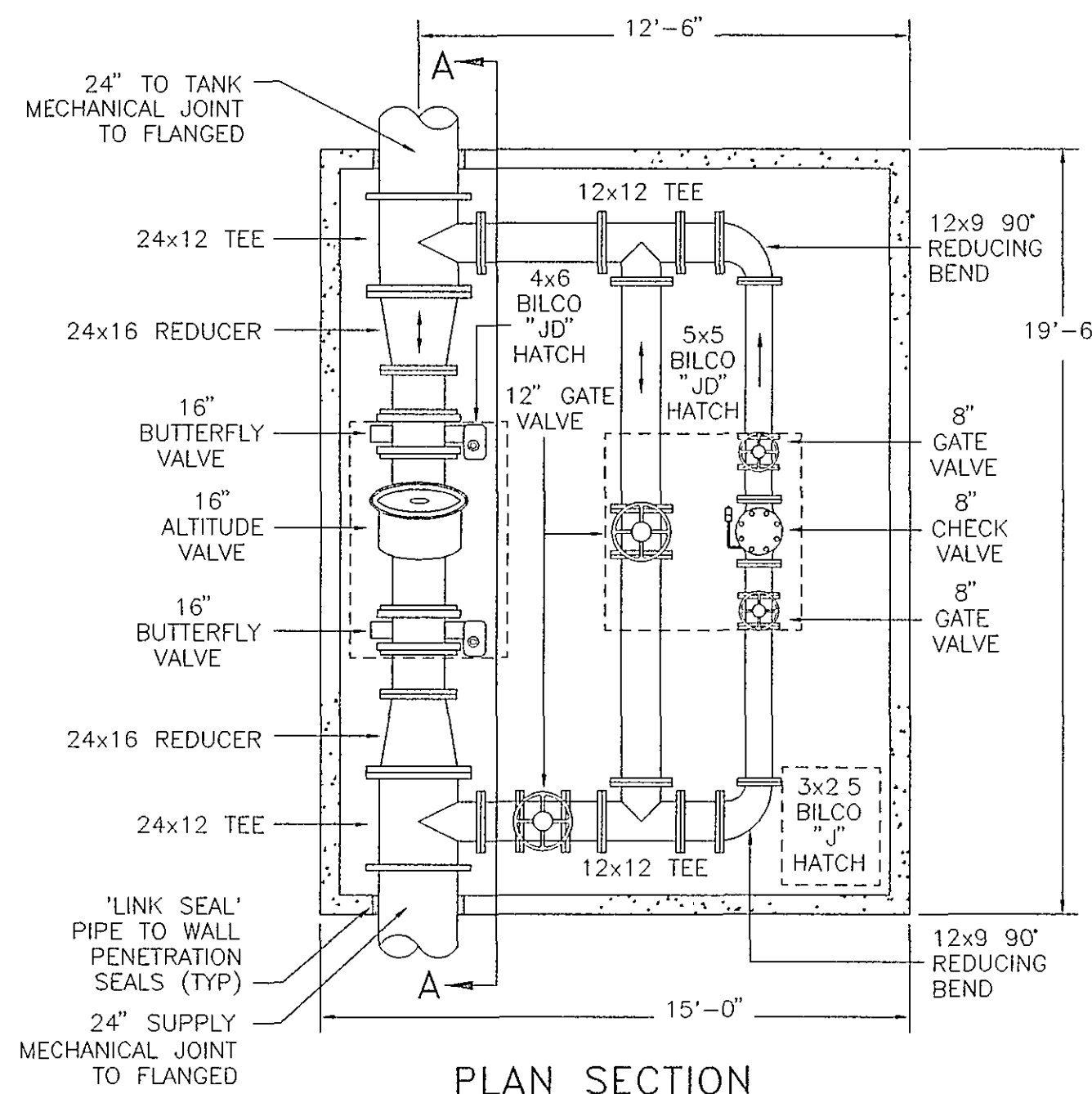


ELEVATION



SECTION

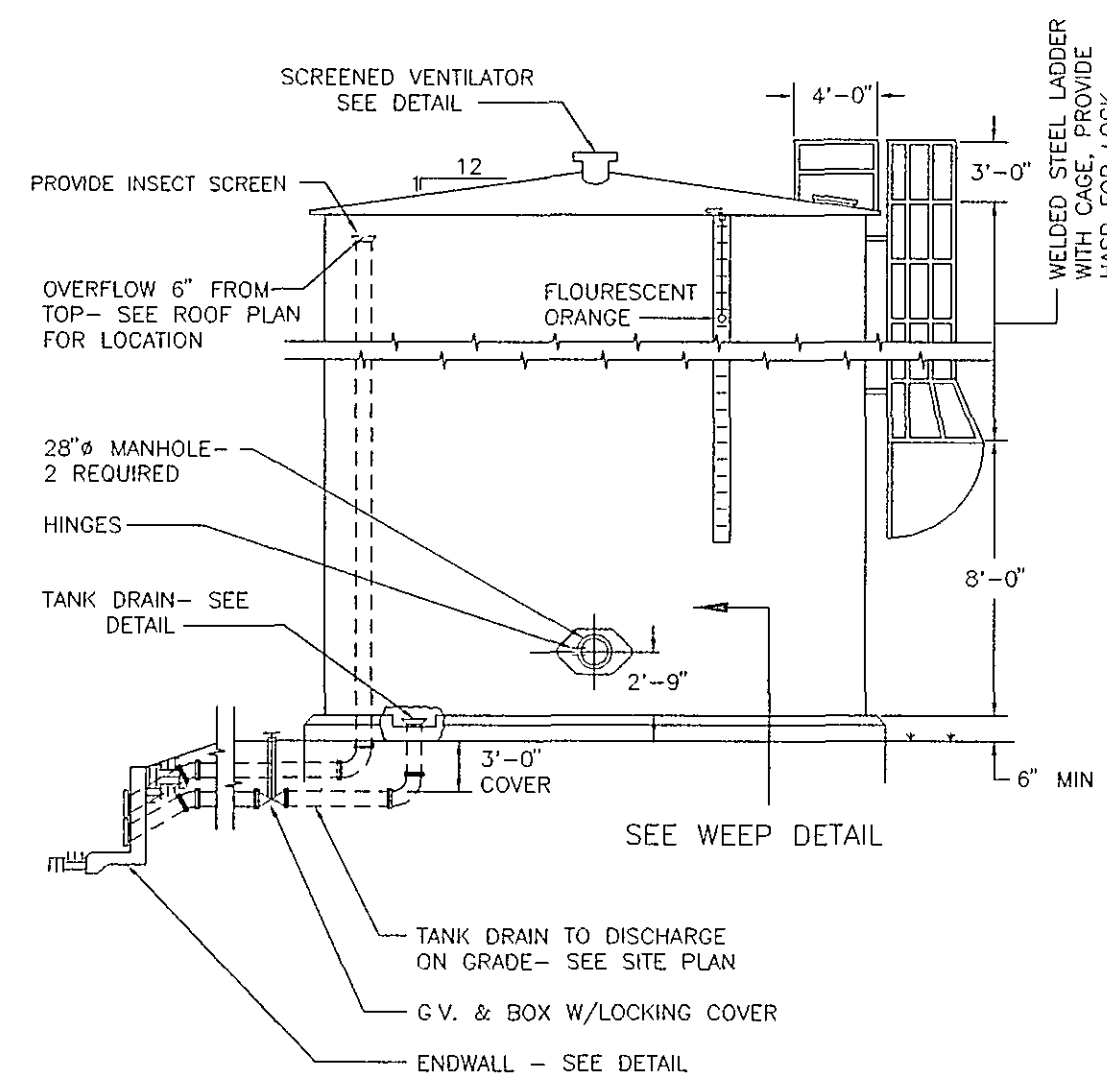
ENDWALL DETAILS
NTS



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

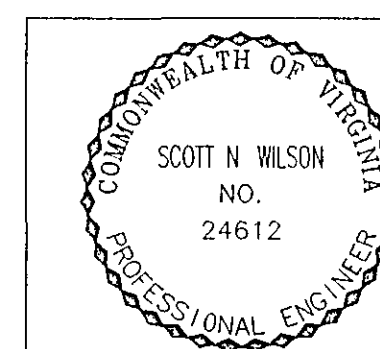
TANK DATA
TANK CAPACITY. 1,000,000 GALLONS
OVERFLOW ELEVATION. 1140.00'
TANK HEIGHT. 24'-0"
TOP OF FOUNDATION ELEV. 1116.00'
TANK DIAMETER. 90'-0"

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

AS BUILT

WATER DEP'T #93-25



ENGINEER'S SEAL

Architects
Engineers
Planners
Surveyors

Dewberry & Davis

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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