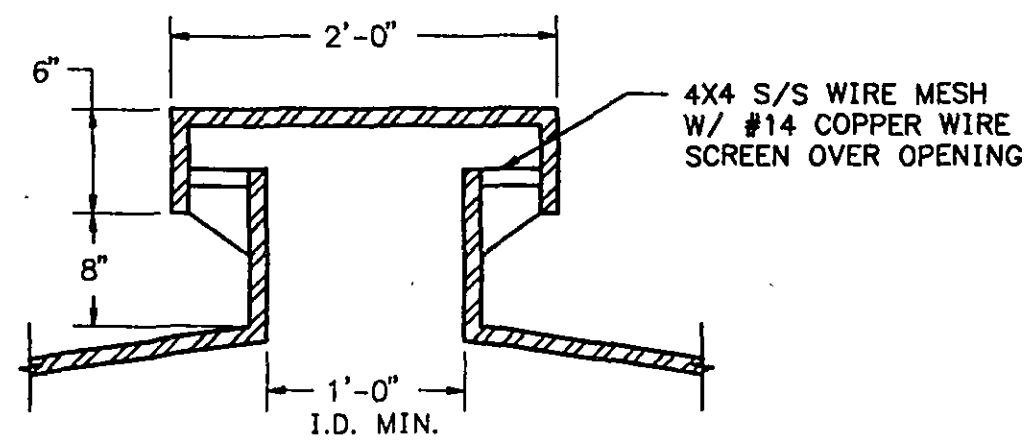
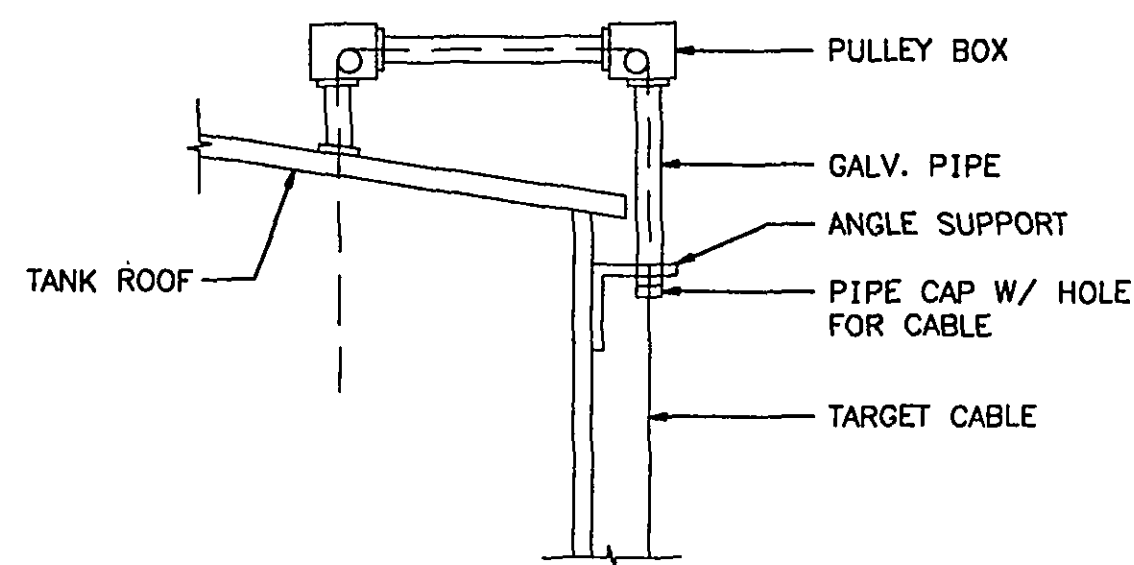
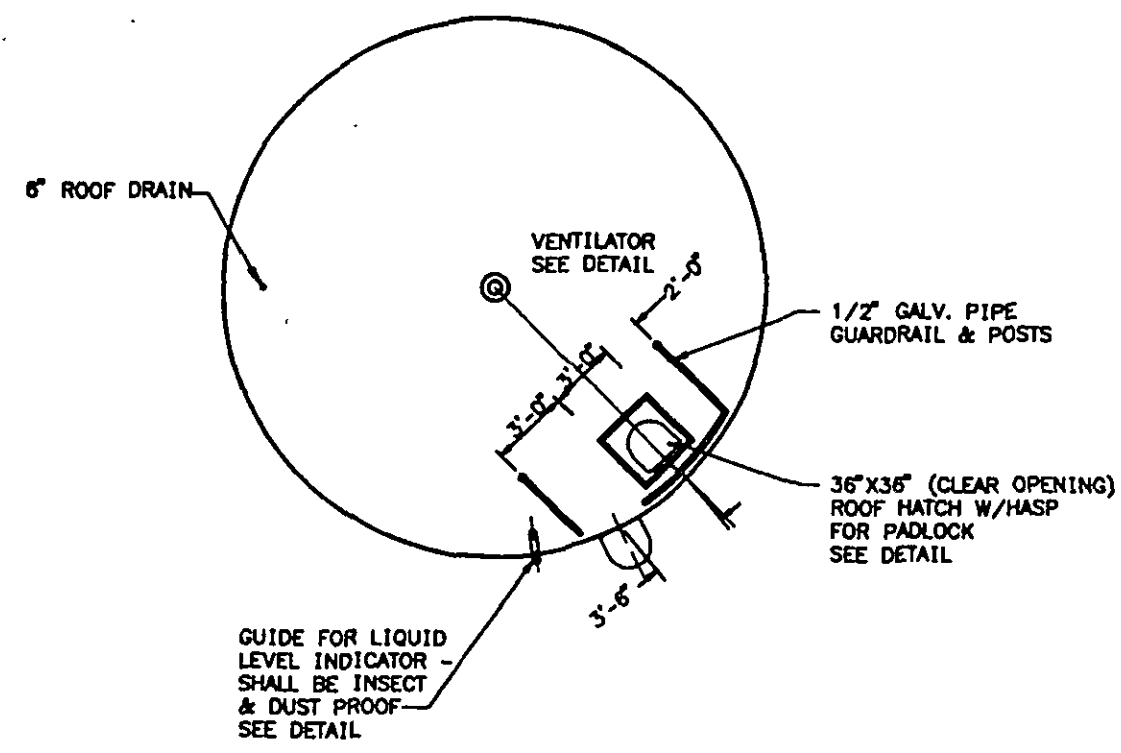




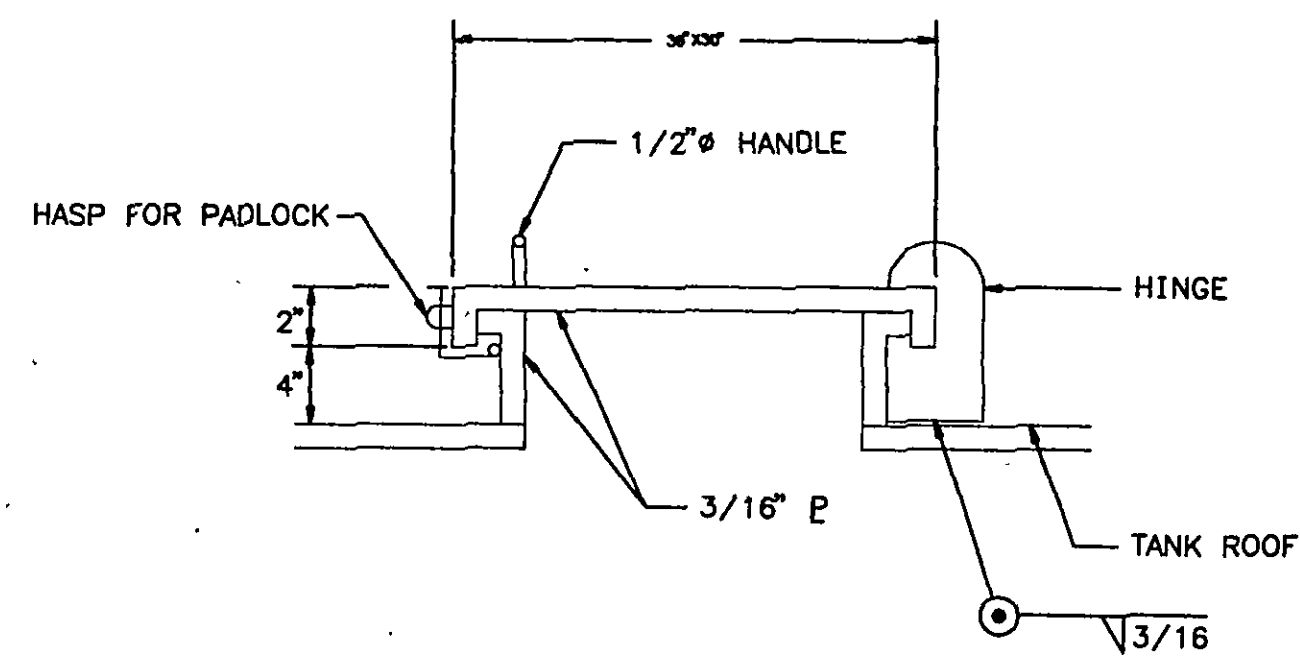
VENTILATOR DETAIL
NTS R_{WL}-23A



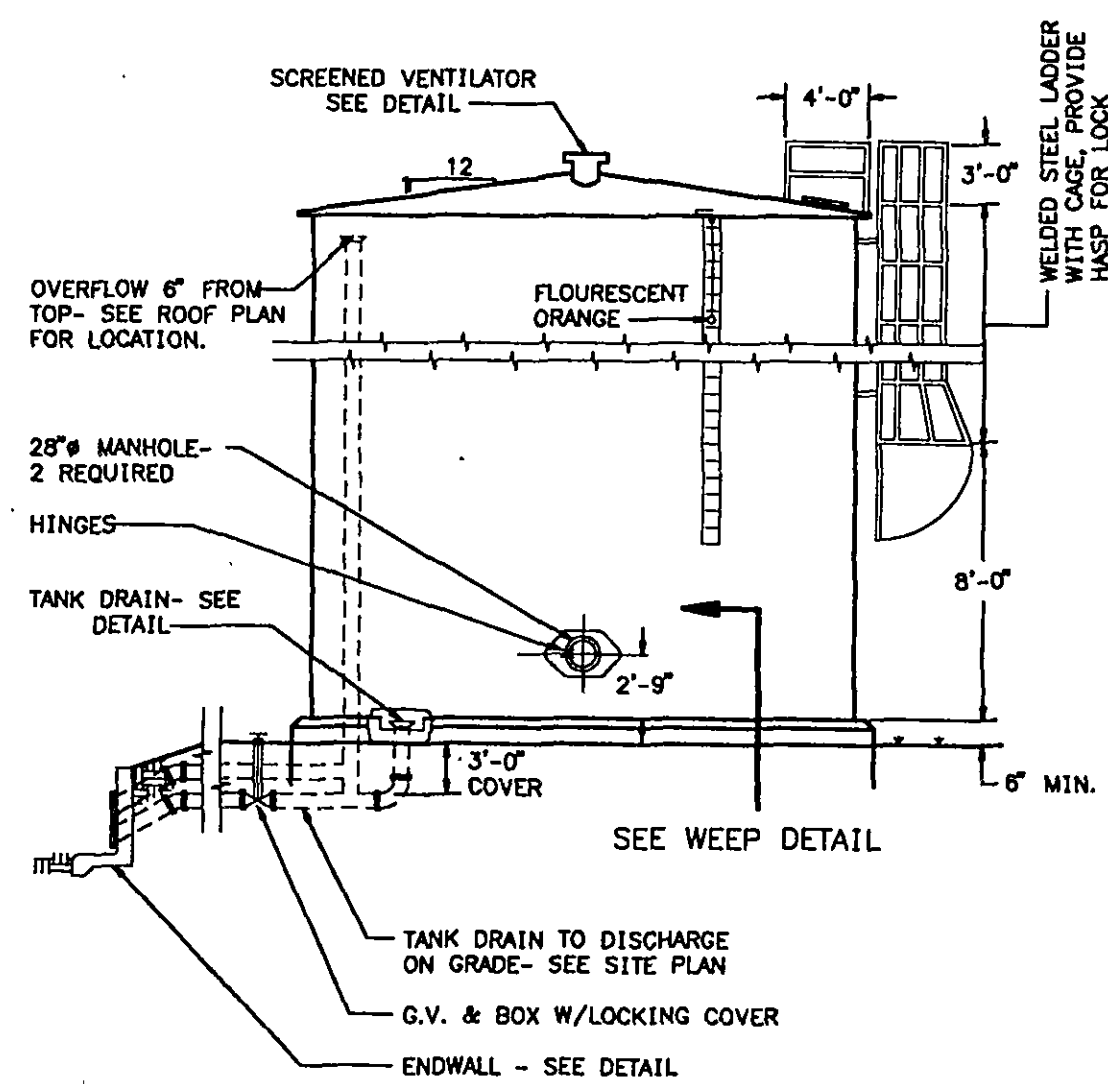
PULLEY BOX DETAIL
NTS R_{WL}-23D



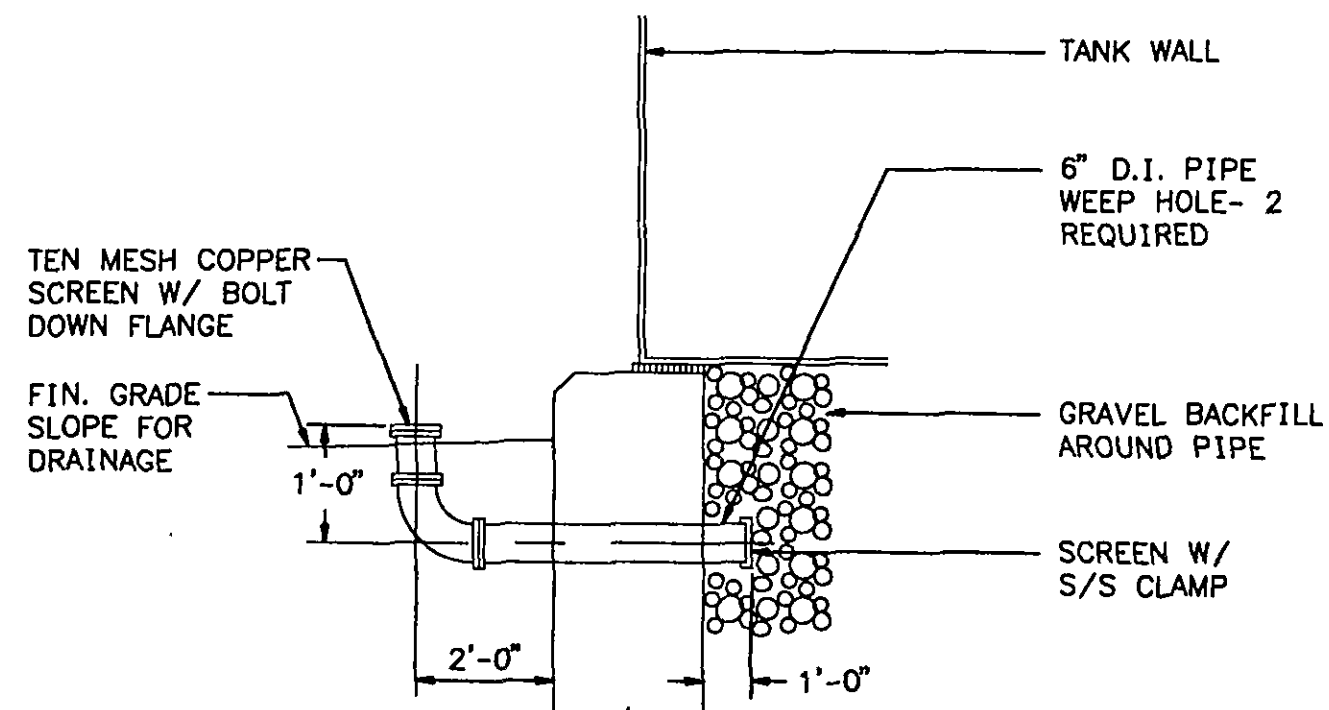
ROOF PLAN
NTS R_{WL}-23B



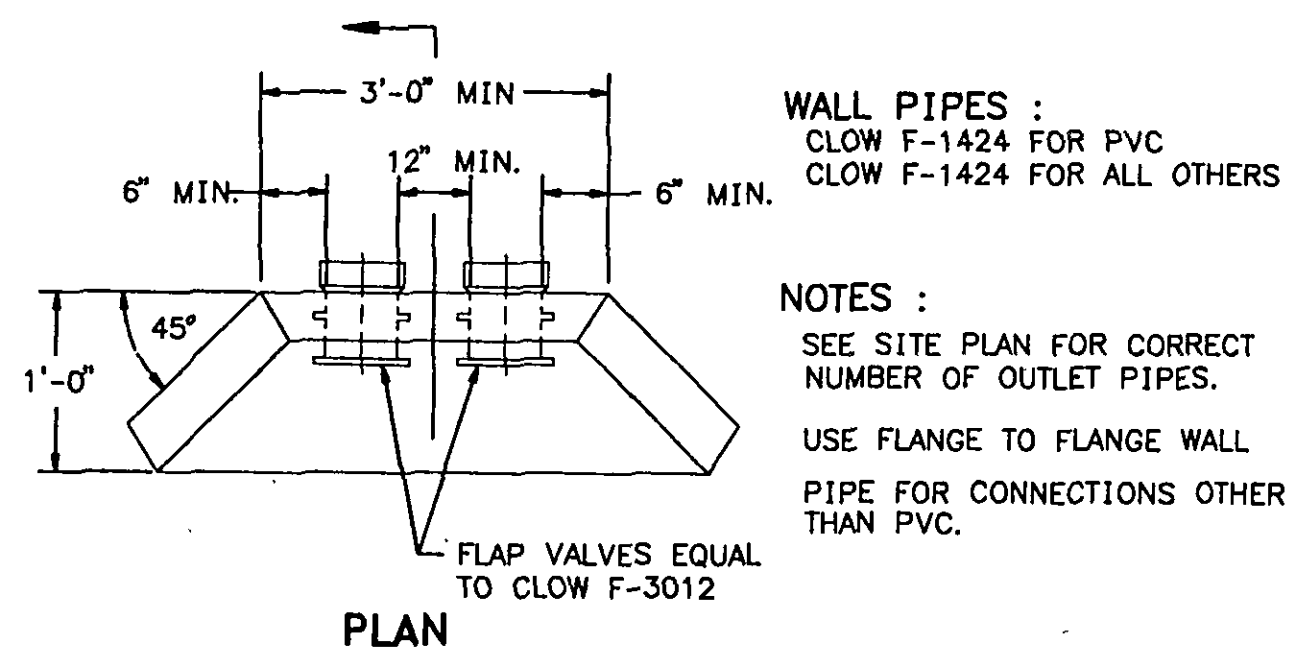
ROOF HATCH DETAIL
NTS R_{WL}-23E



WATER TANK ELEVATION
NTS R_{WL}-23C

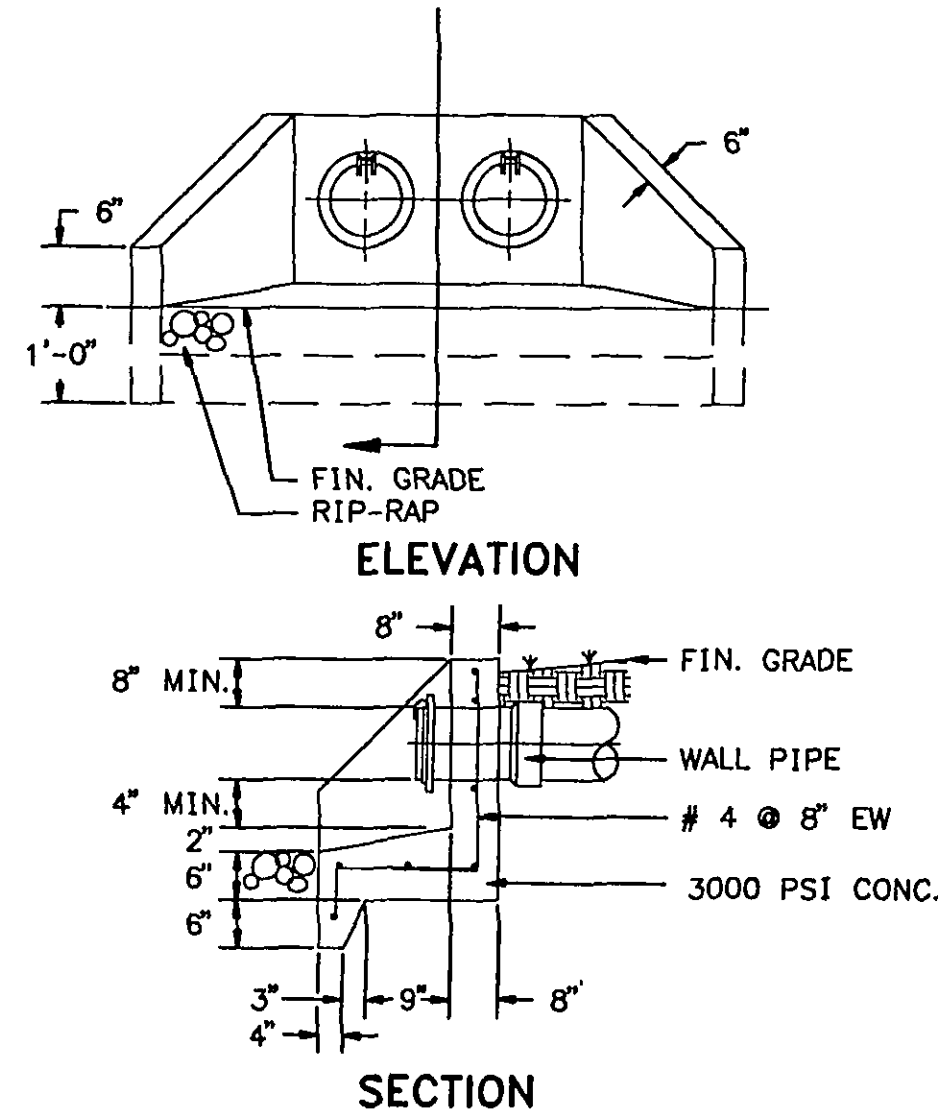


WEEP DETAIL
NTS R_{WL}-23G

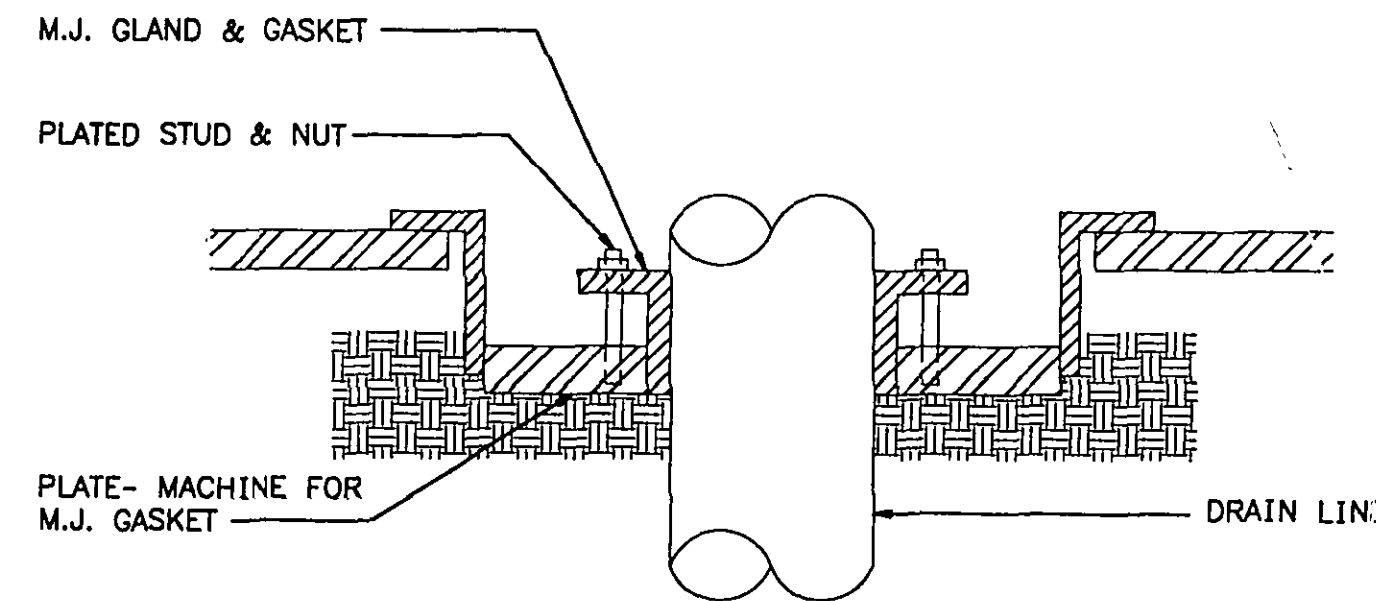


WALL PIPES :
CLOW F-1424 FOR PVC
CLOW F-1424 FOR ALL OTHERS

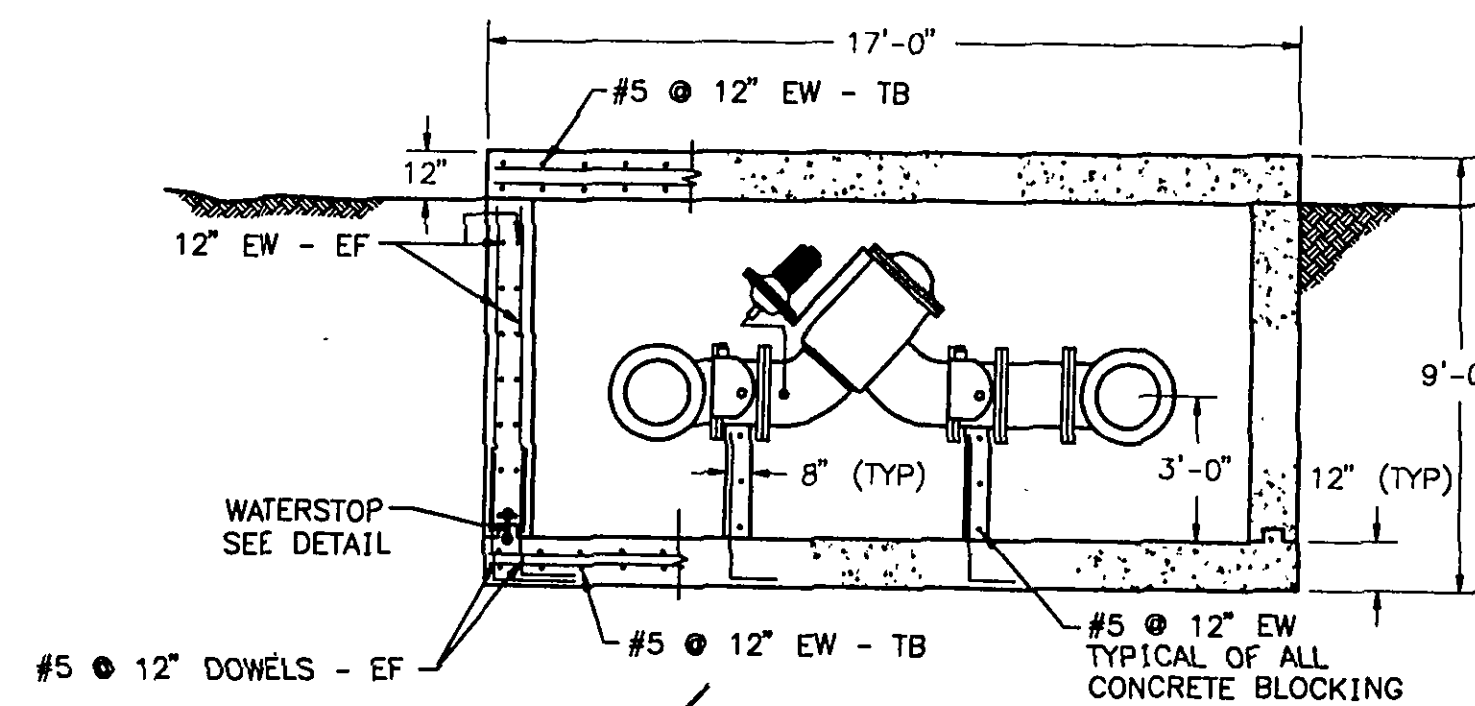
NOTES :
SEE SITE PLAN FOR CORRECT
NUMBER OF OUTLET PIPES.
USE FLANGE TO FLANGE WALL
PIPE FOR CONNECTIONS OTHER
THAN PVC.



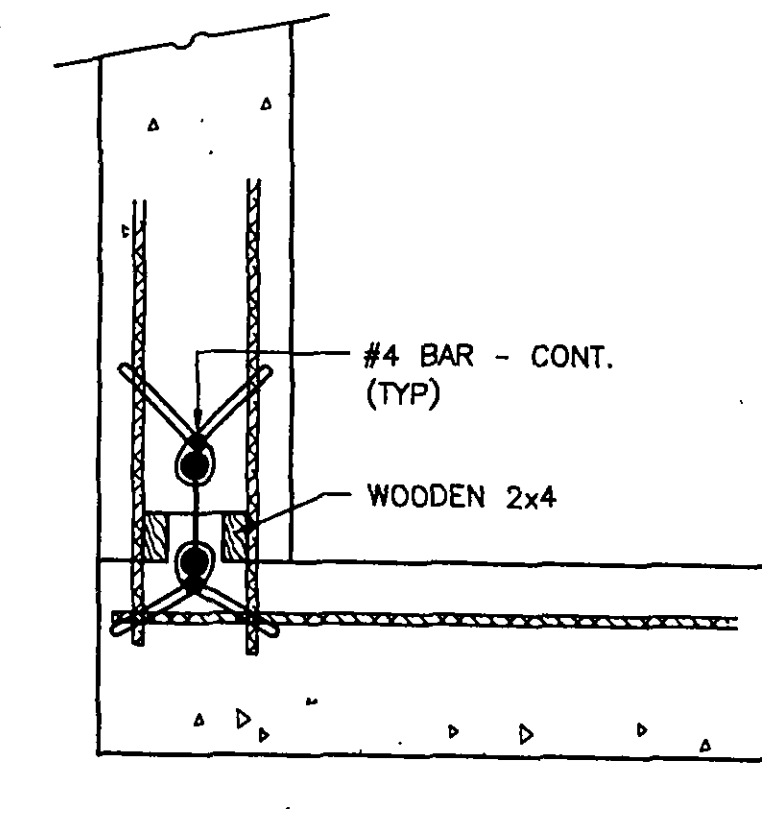
ENDWALL DETAILS
NTS R_{WL}-23J



TANK DRAIN
NTS R_{WL}-23F



SECTION A-A
NTS R_{WL}-23L



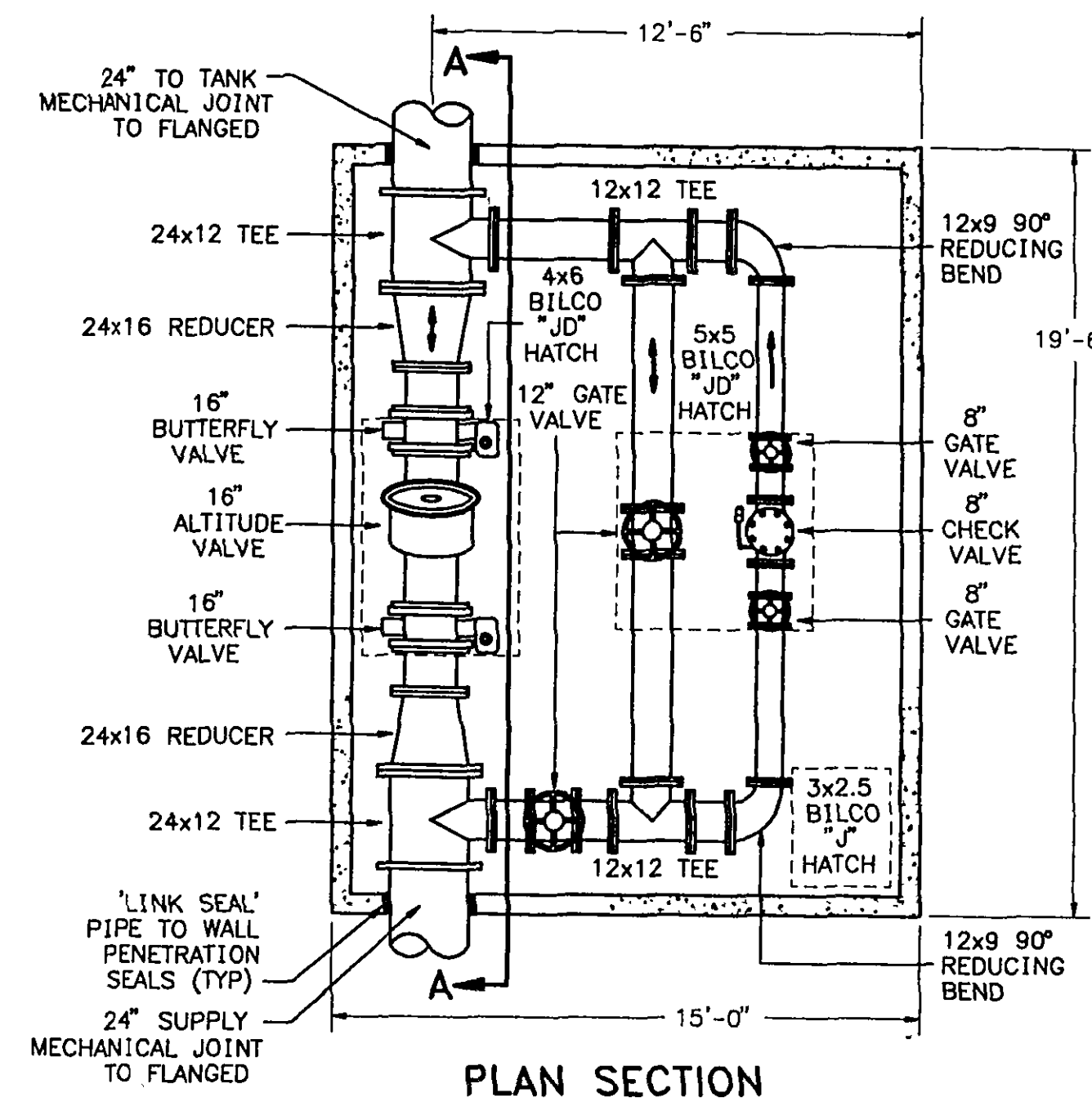
WATERSTOP DETAIL
NTS R_{WL}-23K

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

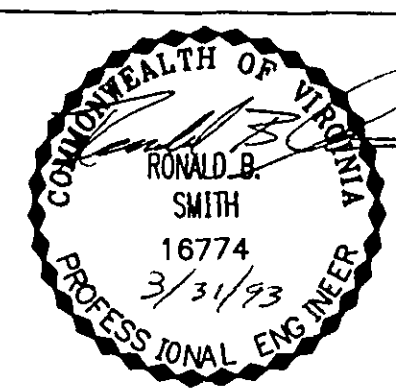
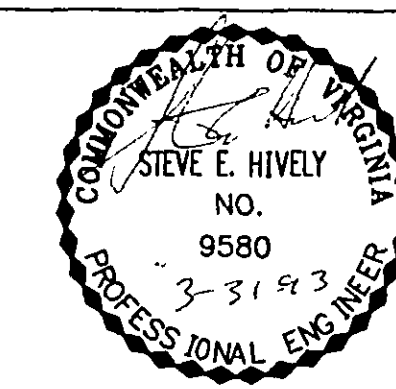
1. TANKS TO BE BUILT IN ACCORDANCE WITH AWWA D100.
2. TANKS TO BE FIELD LOCATED BY ENGINEER.
3. ALL TANKS TO BE EQUIPPED W/ PAINTERS TROLLEY AND SAFETY CLIMB DEVICE. (16' TALL AND ABOVE)
4. FOUNDATION SHALL EXTEND A MINIMUM OF 3'-0" BELOW FINISHED GRADE AND ALWAYS PENETRATE A MINIMUM OF 1'-0" INTO UNDISTURBED 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.



PLAN SECTION

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

VALVE VAULT
AT MILL MOUNTAIN TANK
NTS R_{WL}-19



ENGINEER'S SEAL

ENGINEER'S SEAL

Architects
Engineers
Planners
Surveyors

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Carvins Cove, Phase II
City of Roanoke
Roanoke, Virginia

CONTRACT "C2"
River and Lake
(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