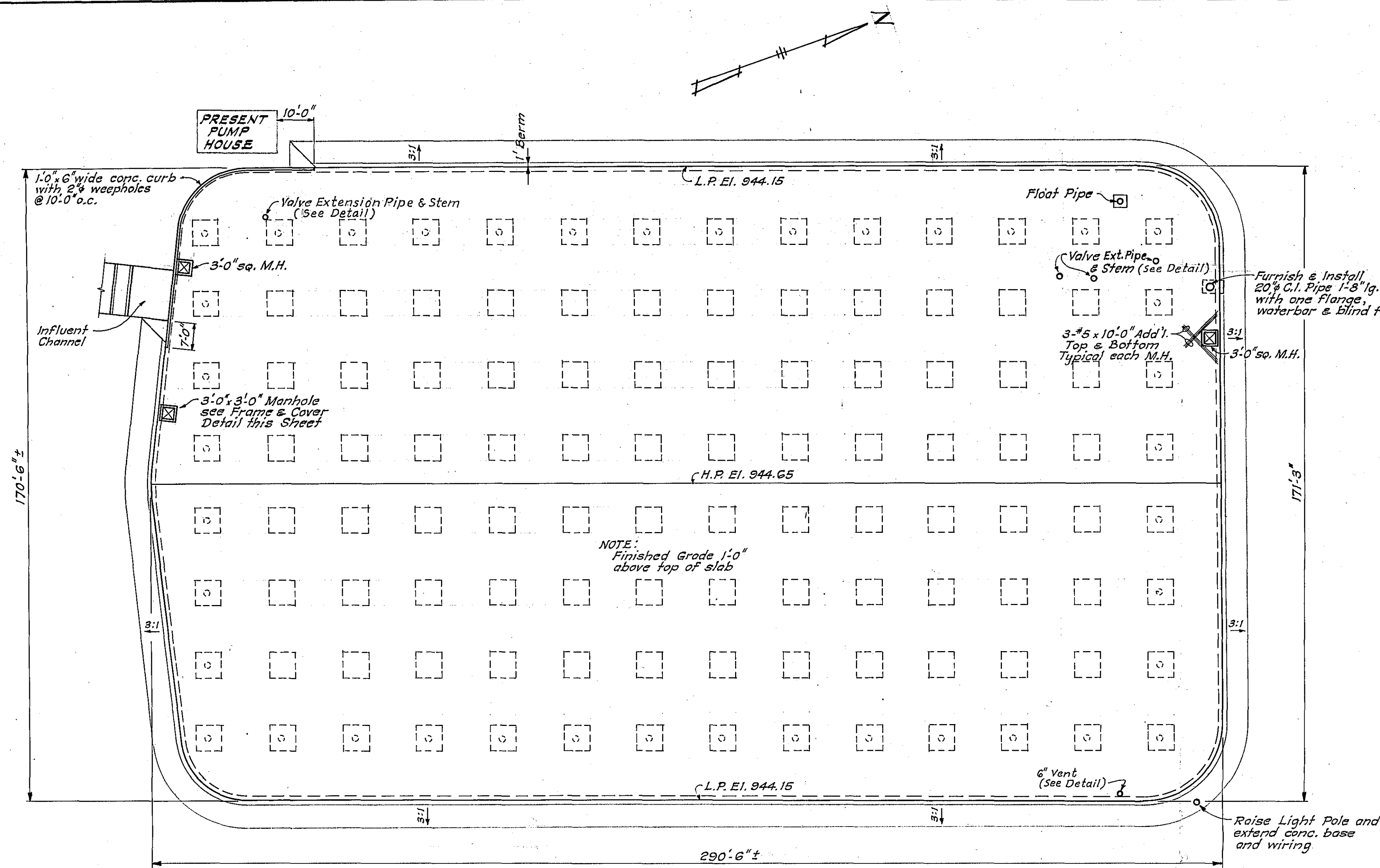
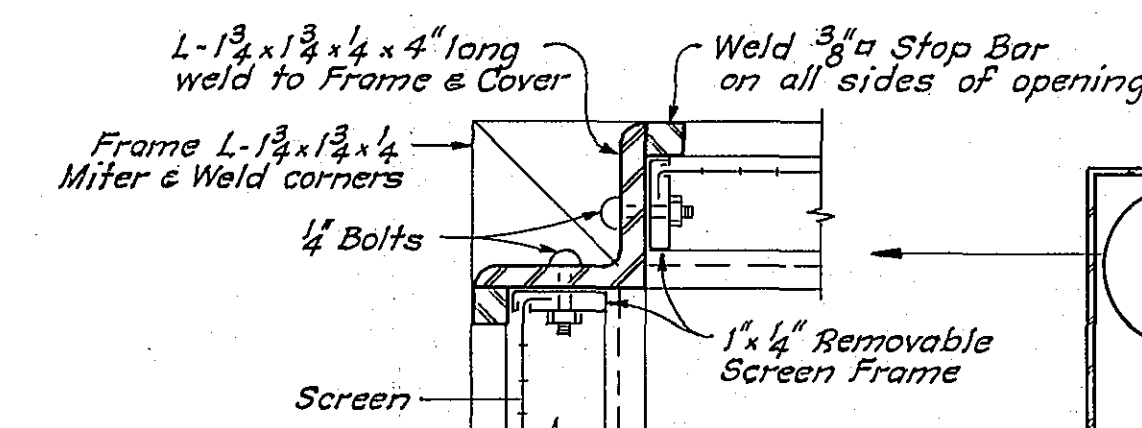
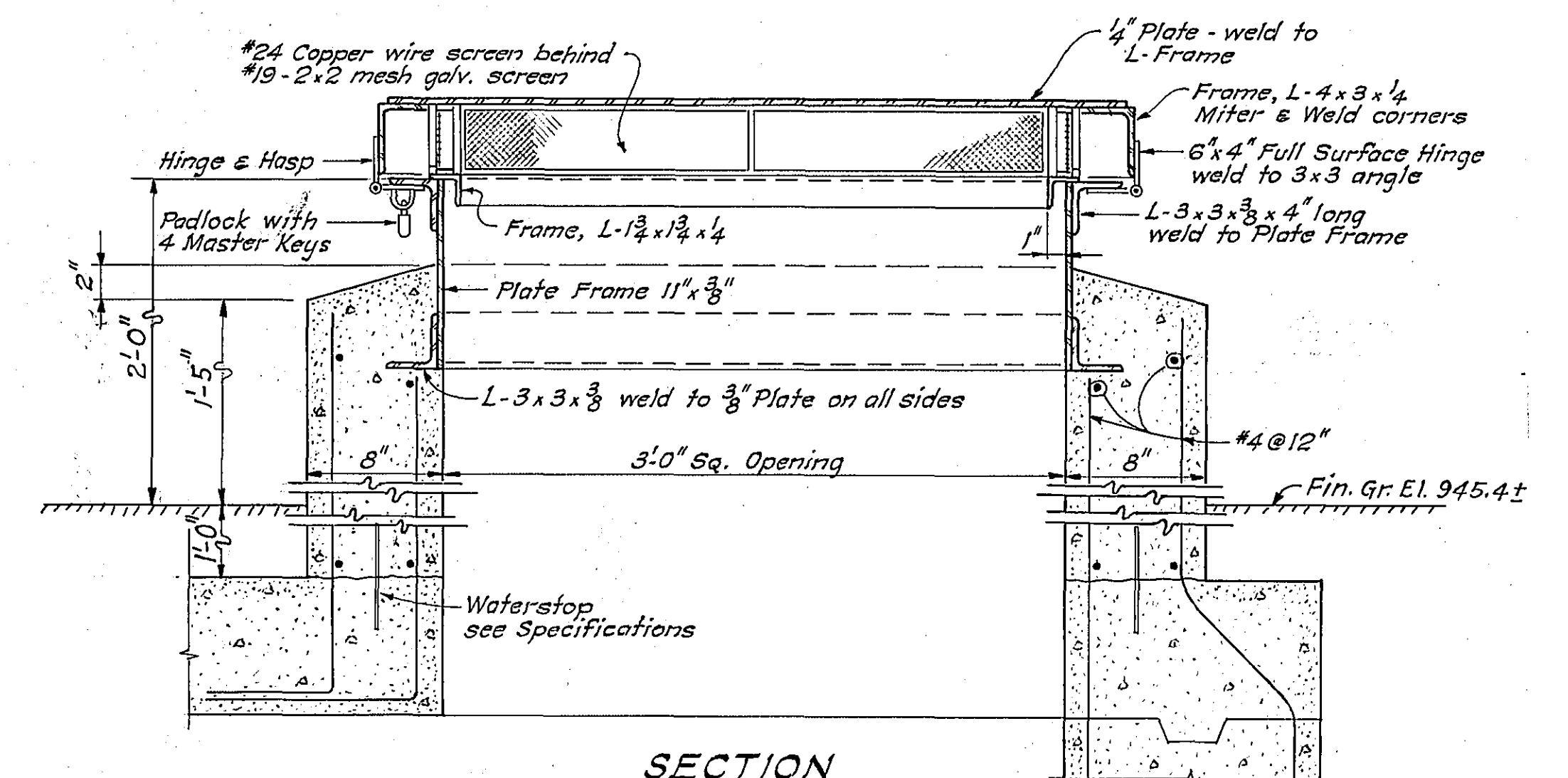




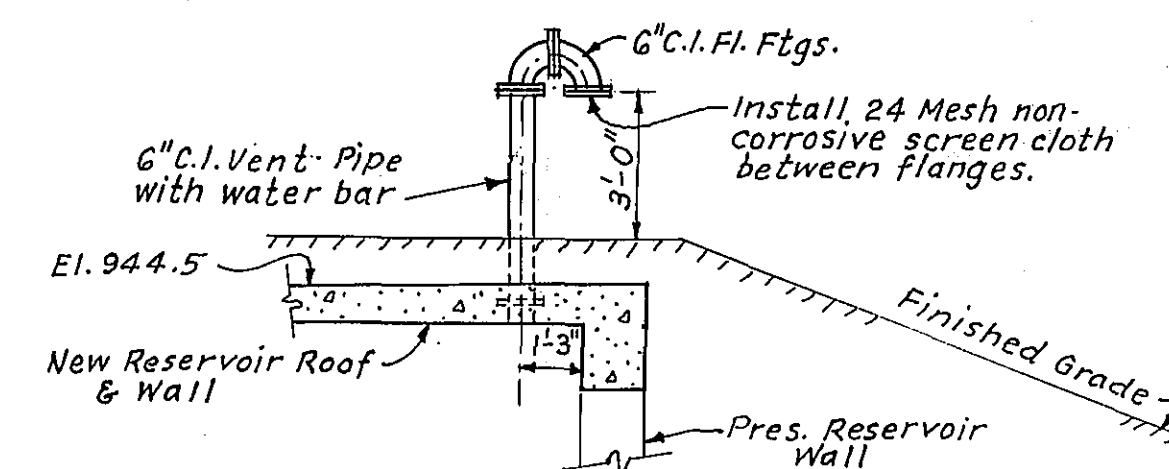
ROOF PLAN
Scale: 1" = 20'



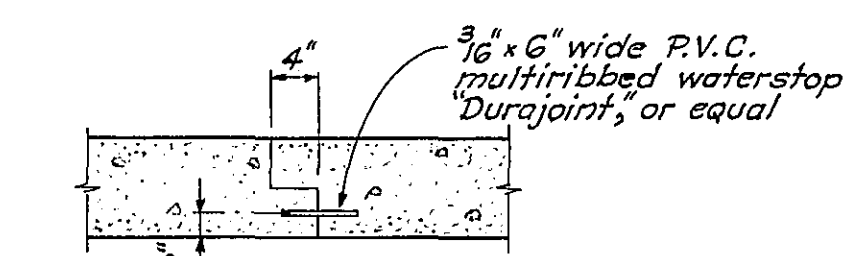
SECTIONAL PLAN



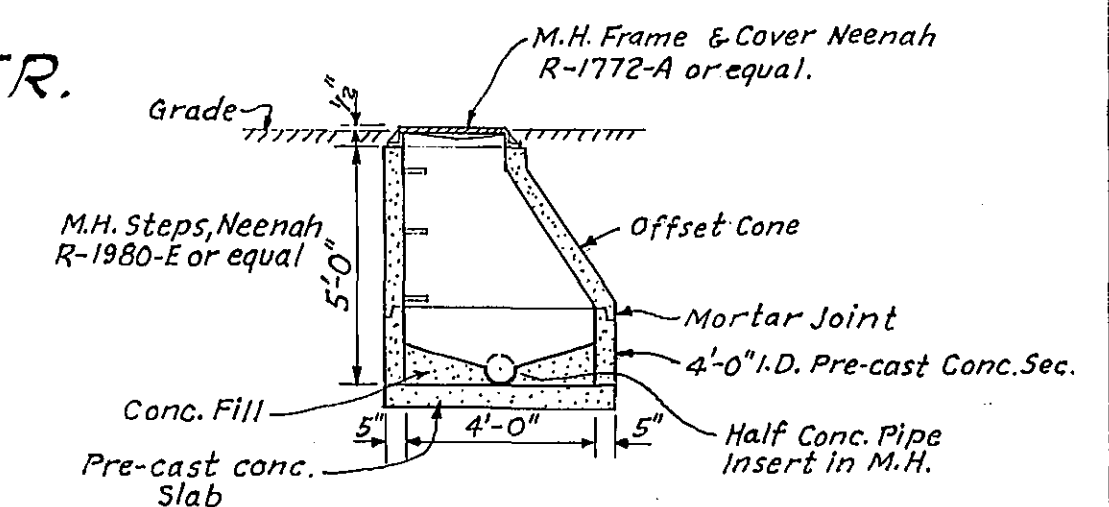
SECTION
DETAILS OF MANHOLE FRAME & COVER
Scale: 1/2" = 1'-0"



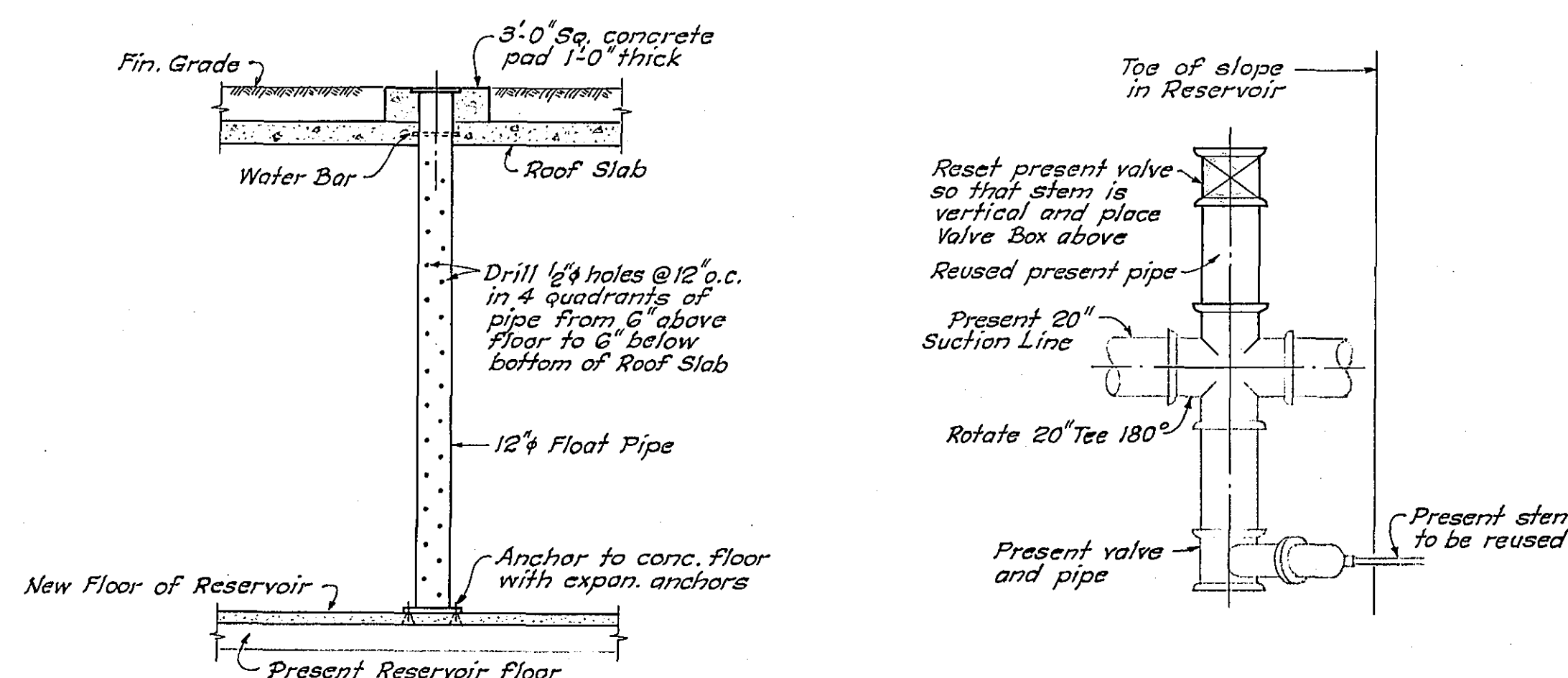
DETAIL OF VENT
Scale: 1/4" = 1'-0"



SLAB CONSTR. JOINT
Scale: 3/4" = 1'-0"

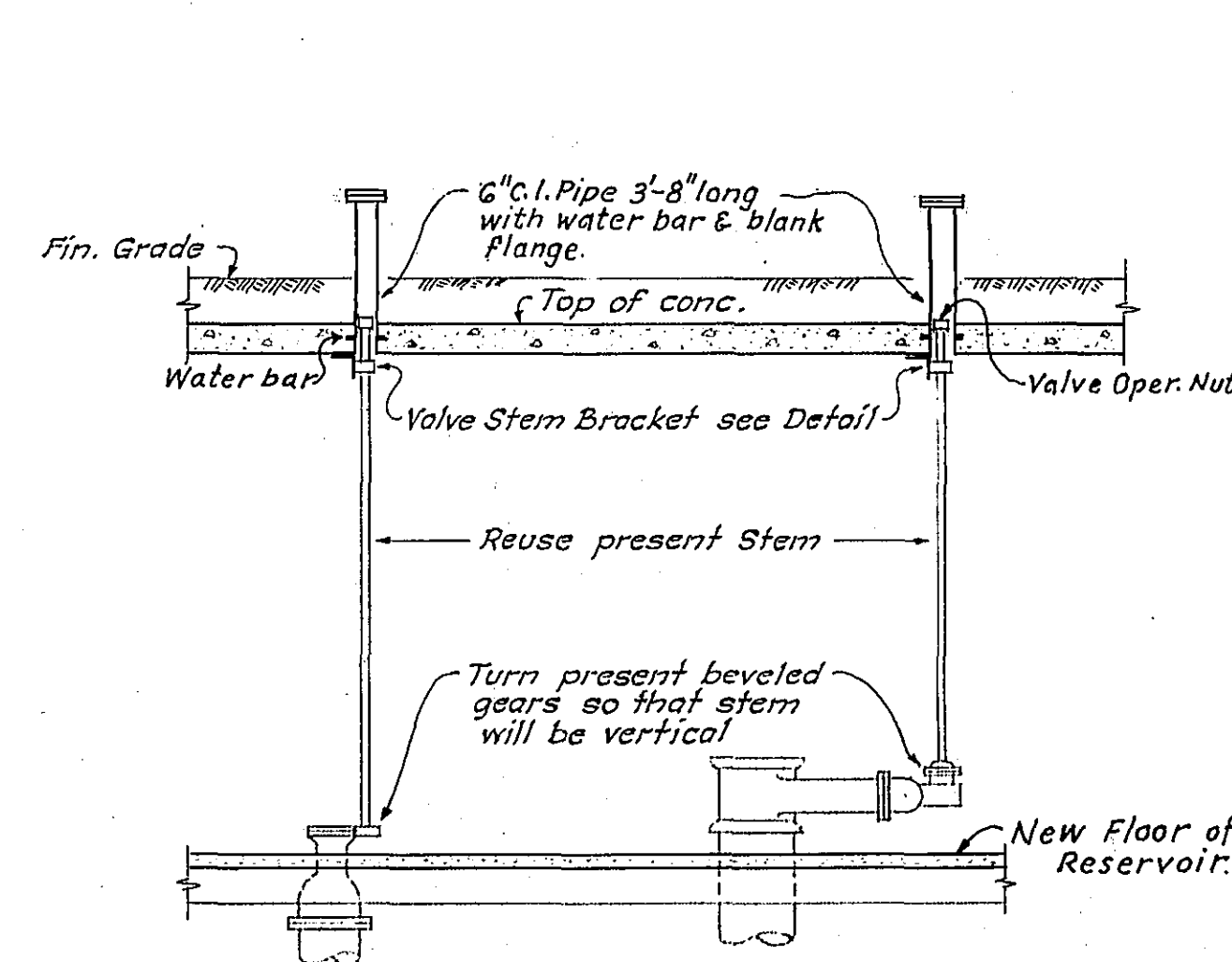


DETAIL OF MANHOLE
Scale: 1/4" = 1'-0"

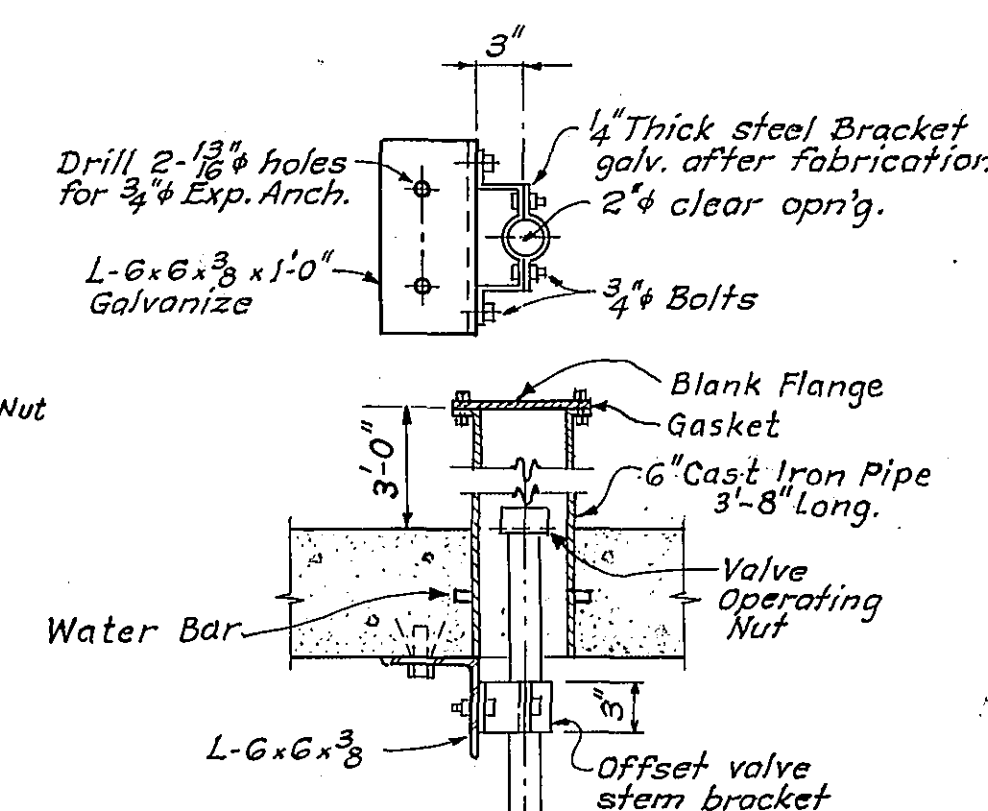


DETAIL OF FLOAT PIPE
Scale: 1/4" = 1'-0"

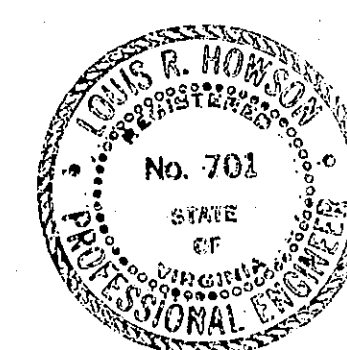
DETAIL OF RELOCATED 20" VALVE & PIPE
Scale: 1/4" = 1'-0"



DETAIL OF VALVE EXTENSION PIPE & STEM
Scale: 1/4" = 1'-0"



DETAIL OF VALVE STEM BRACKET
Scale: 1" = 1'-0"



CRYSTAL SPRING RESERVOIR & PUMPING STATION IMPROVEMENTS
ROOF PLAN & DETAILS
CITY OF ROANOKE WATER DEPARTMENT
ROANOKE, VIRGINIA
ALVORD, BURDICK & HOWSON
ENGINEERS CHICAGO
1968