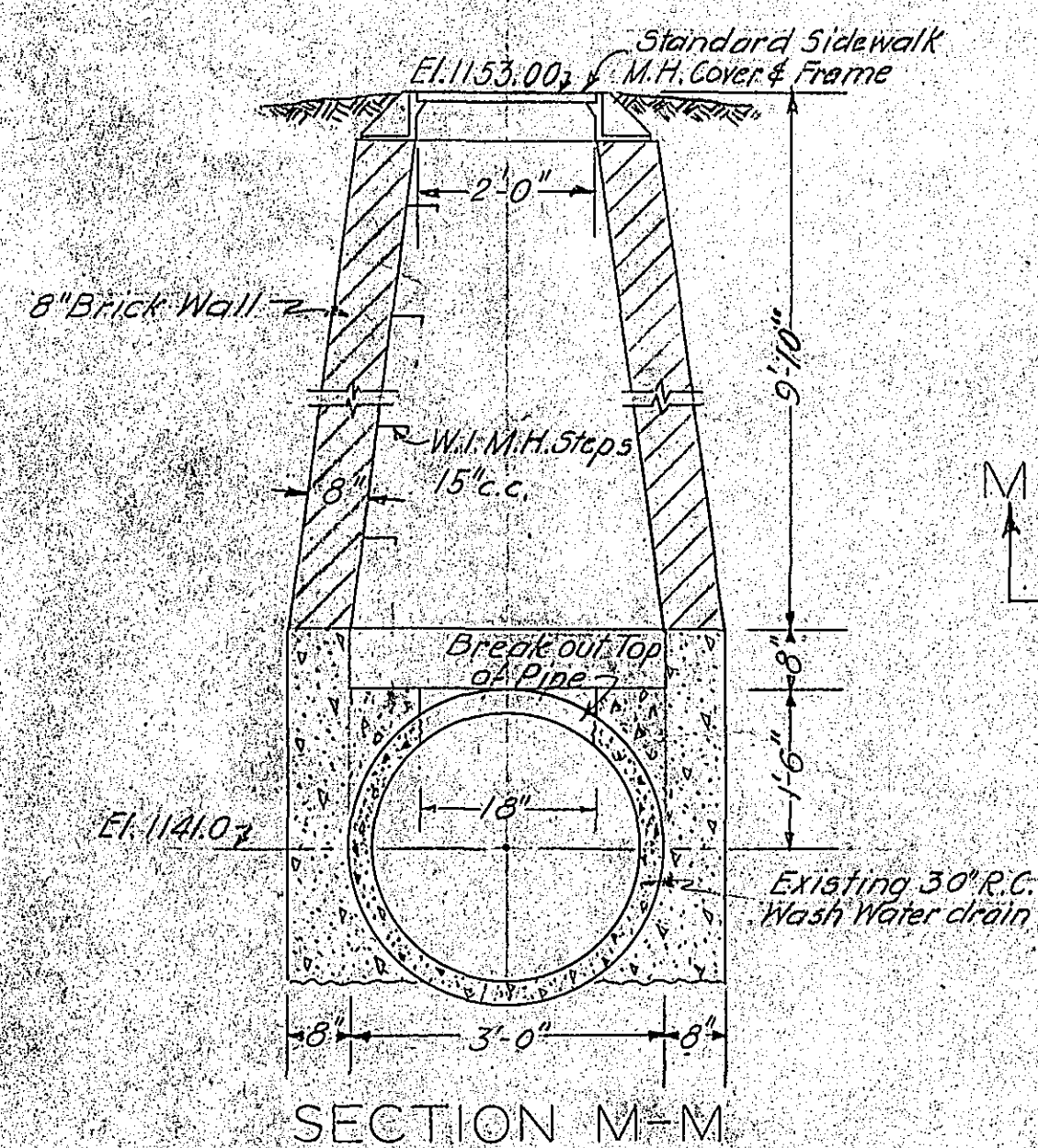
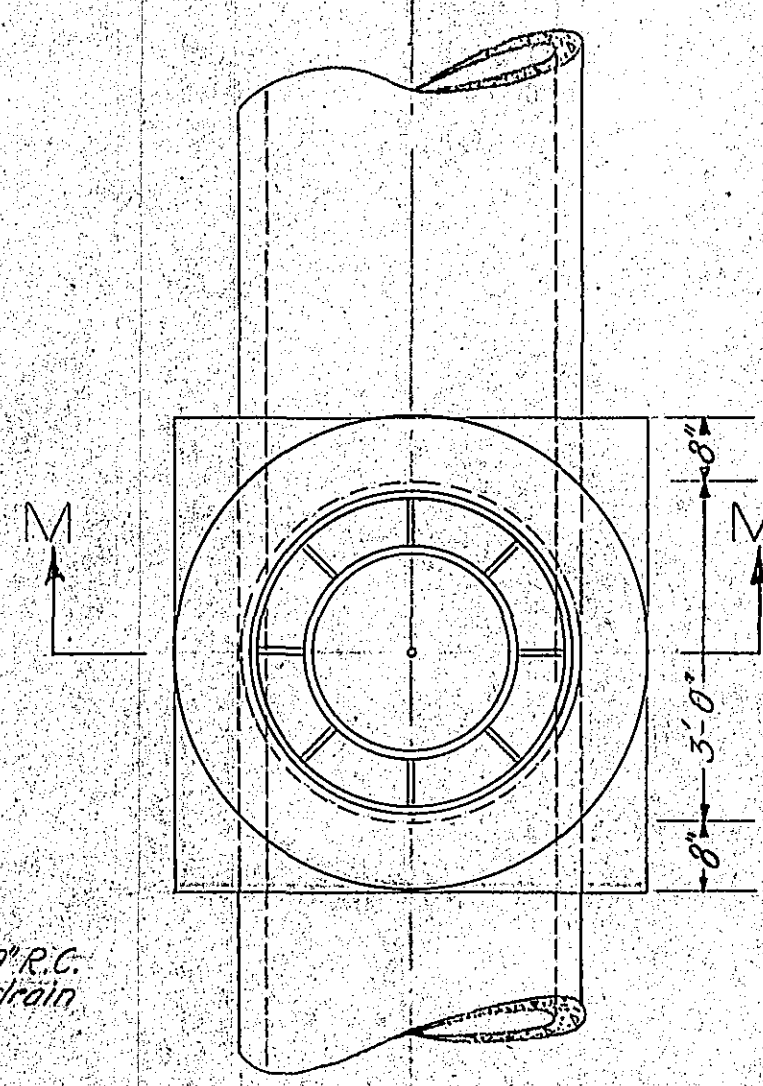
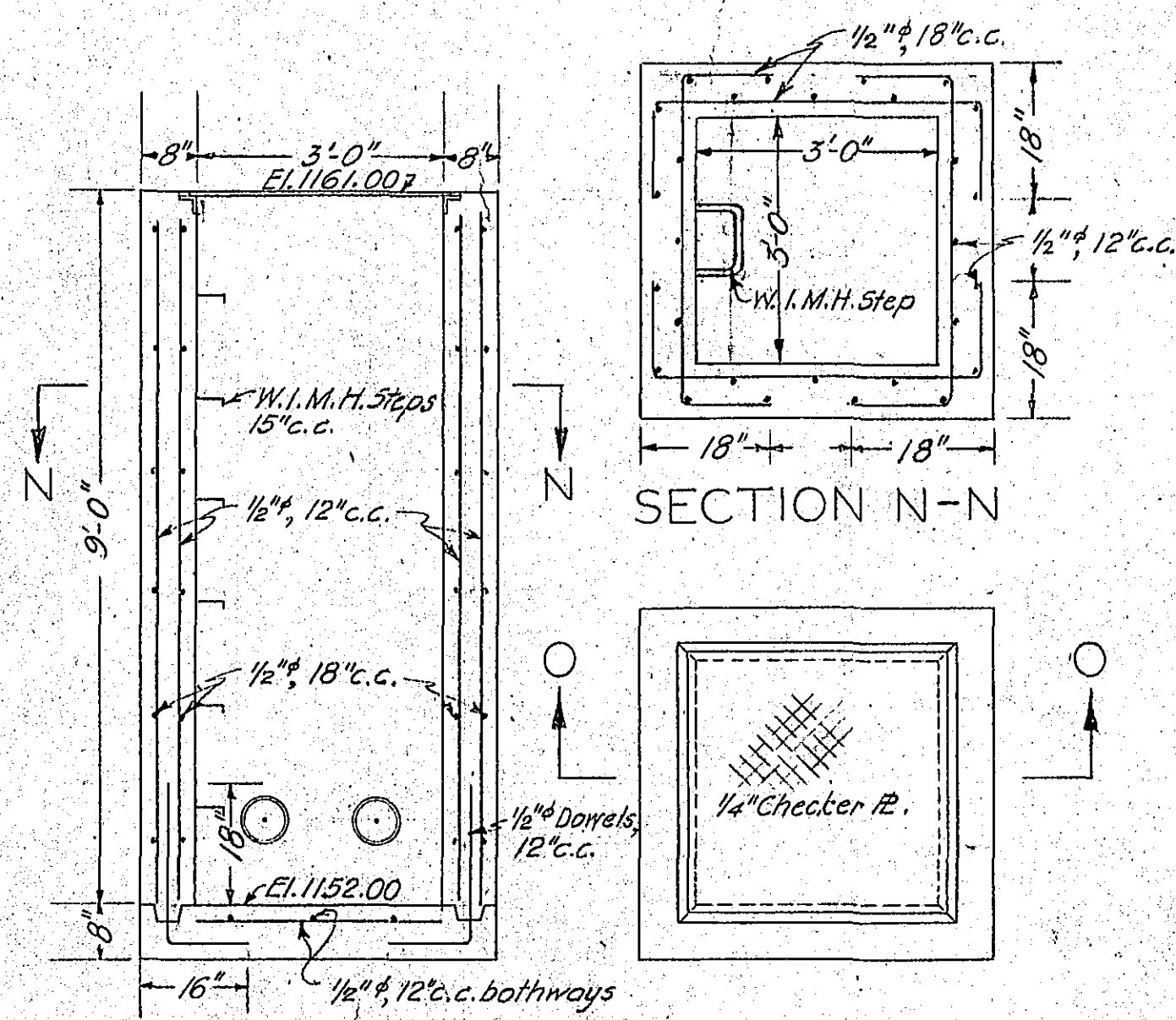




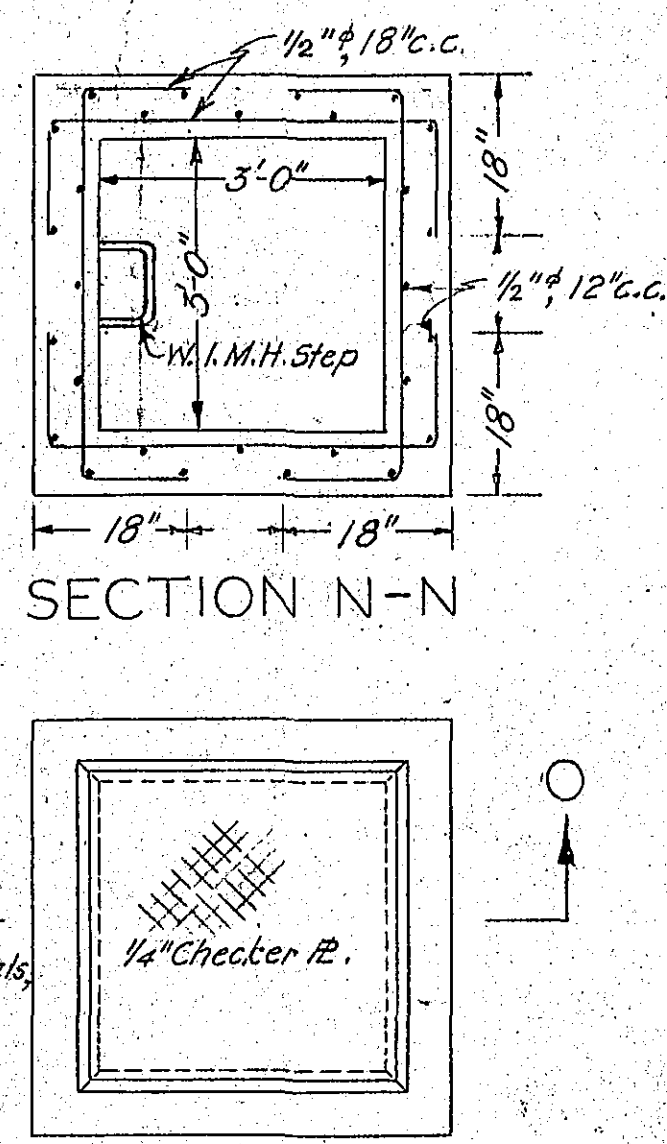
SECTION M-M
DETAILS OF NEW MANHOLE OF 30" DRAIN
SCALE: 1" = 2'-0"



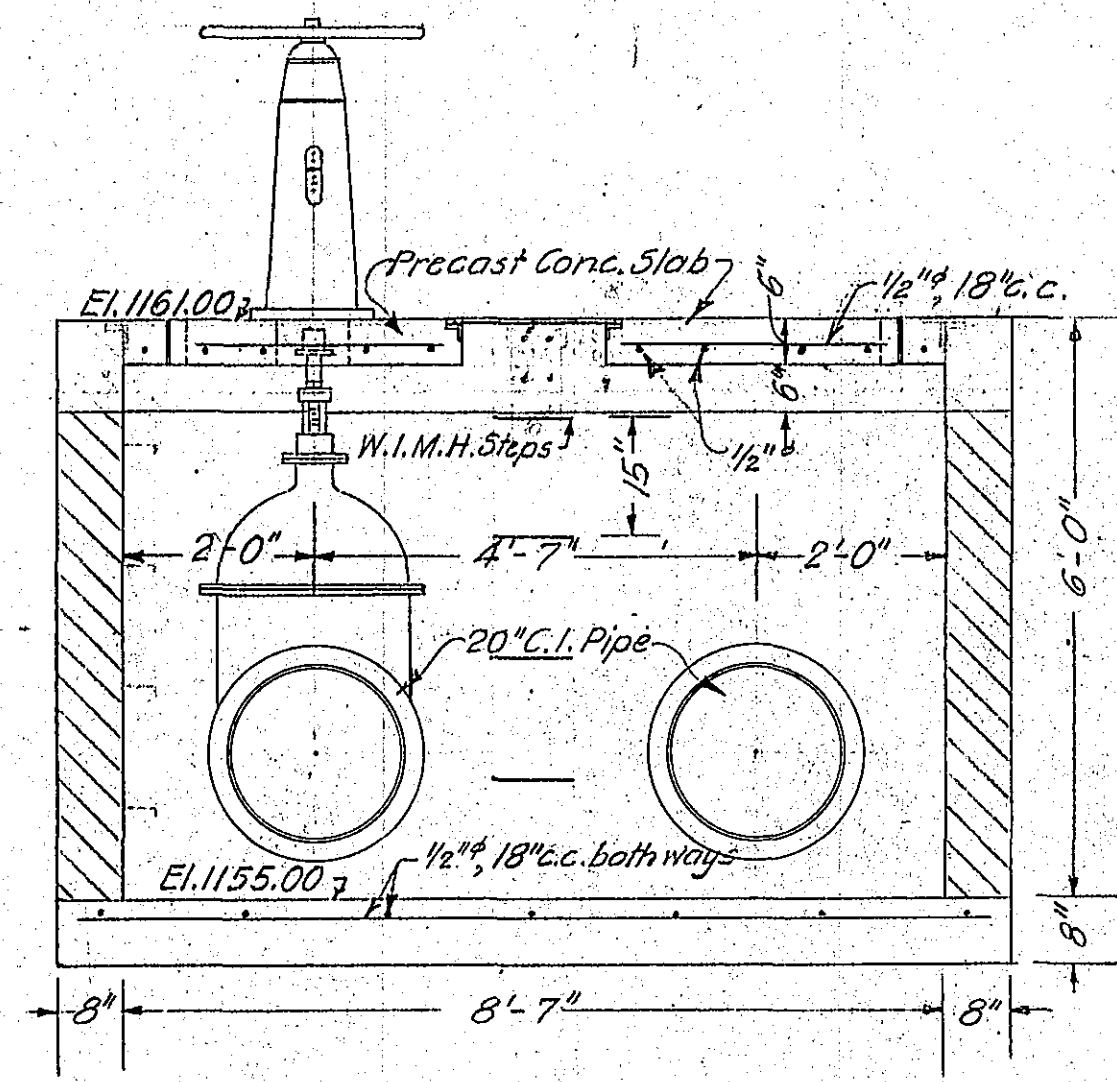
PLAN



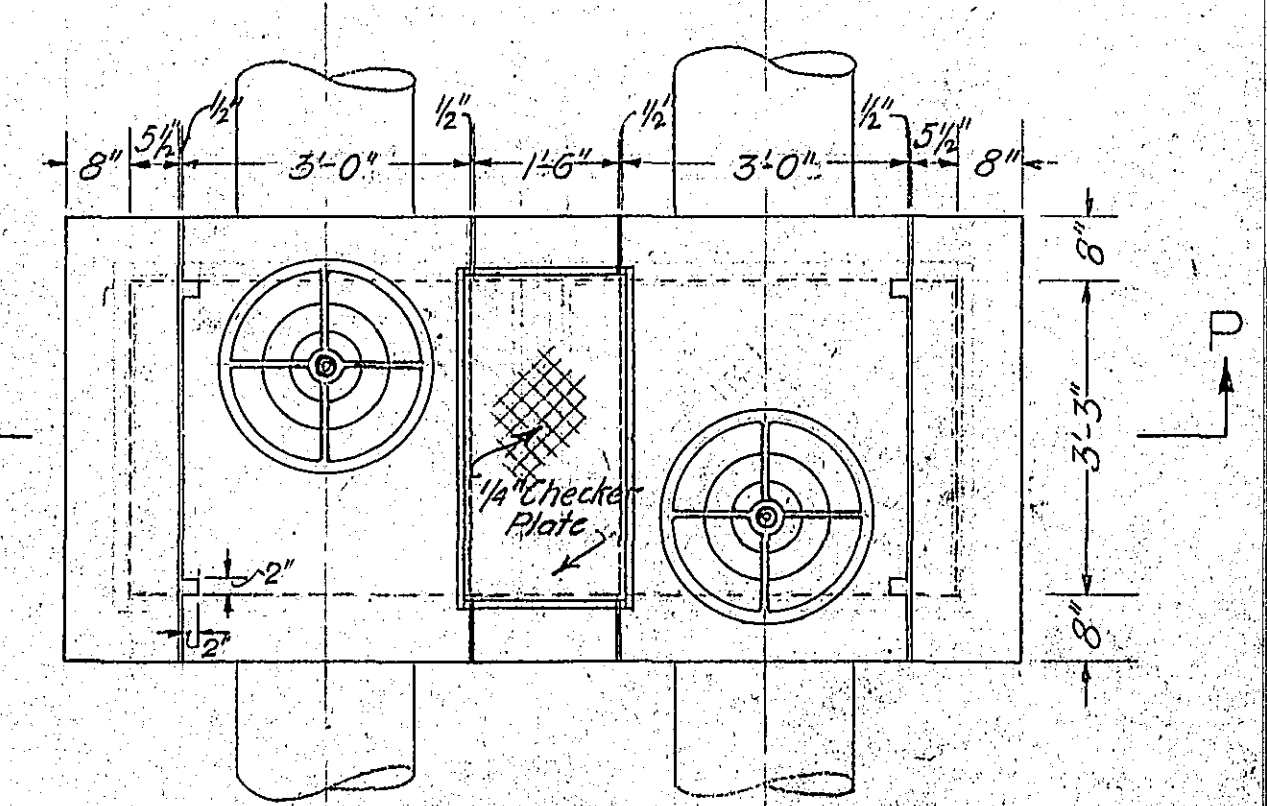
SECTION O-O
DRAIN MANHOLE DETAILS
SCALE: 1" = 2'-0"



PLAN

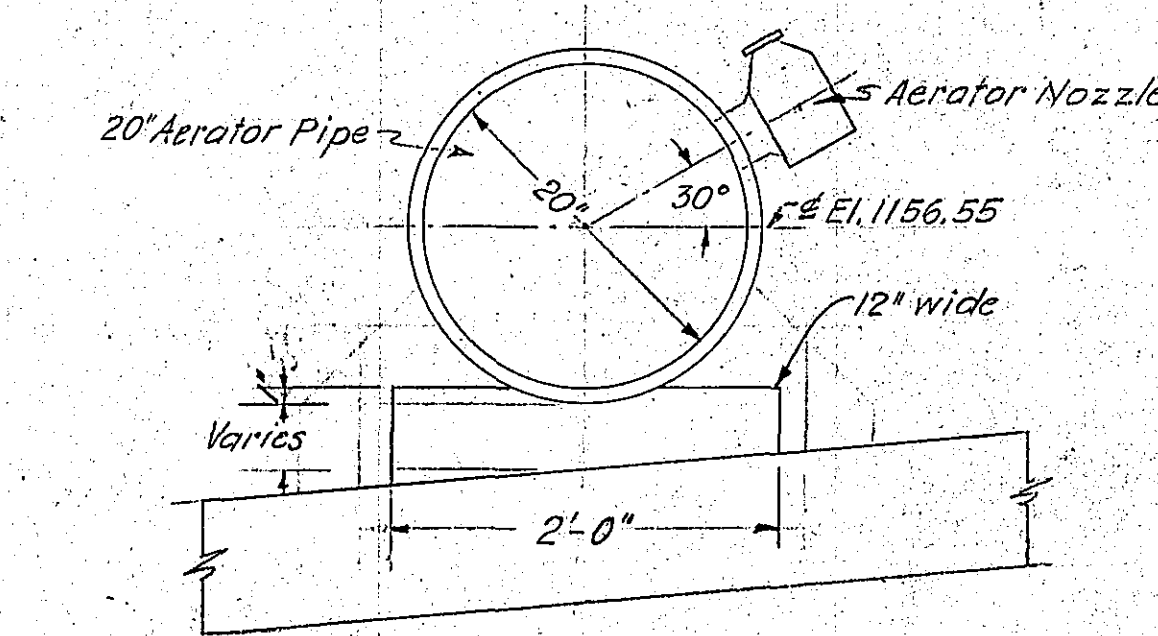


SECTION P-P

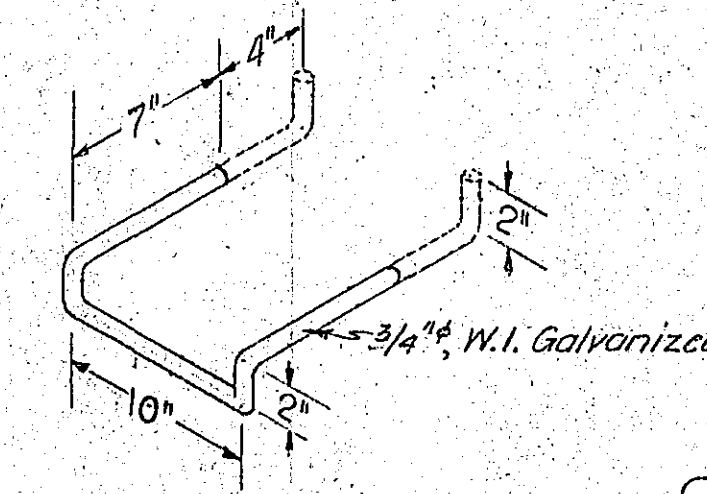


PLAN

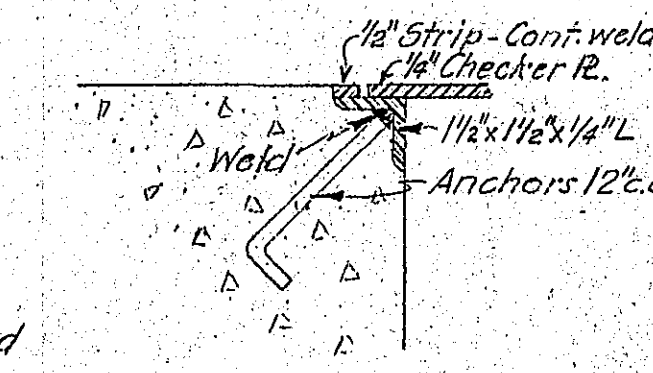
VALVE PIT DETAILS
(2 REQUIRED)
SCALE: 1" = 2'-0"



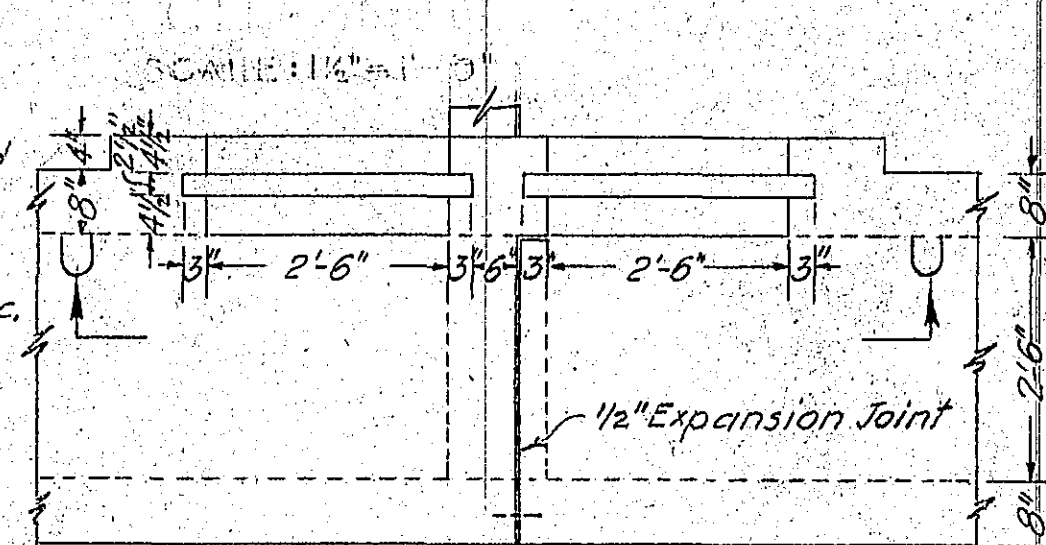
DETAIL OF AERATOR PIPE SUPPORT
SCALE: 1" = 1'-0"



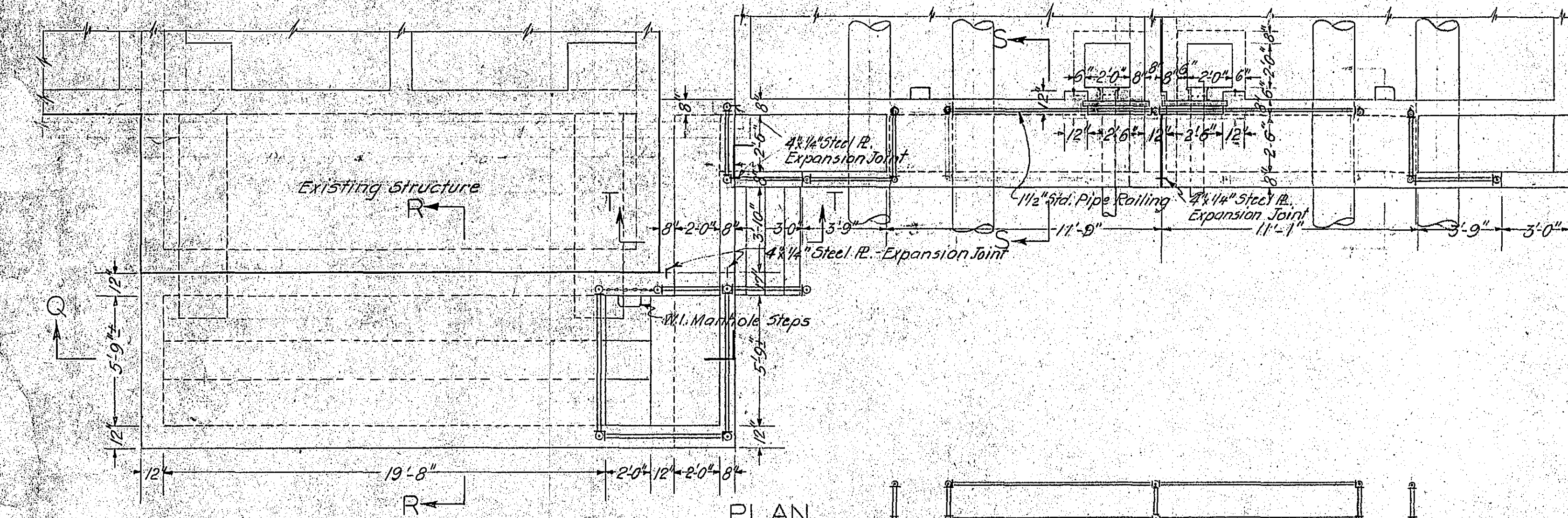
MANHOLE STEP
SCALE: 1 1/2" = 1'-0"



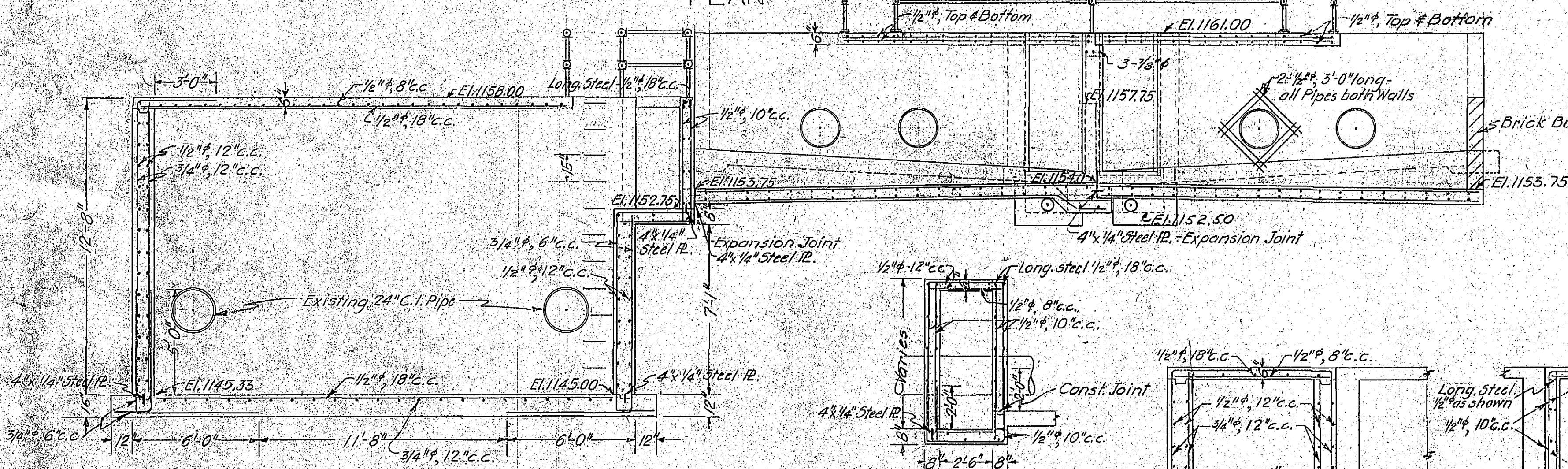
CHECKER PLATE FRAME DETAIL
SCALE: 3" = 1'-0"



PLAN



PLAN



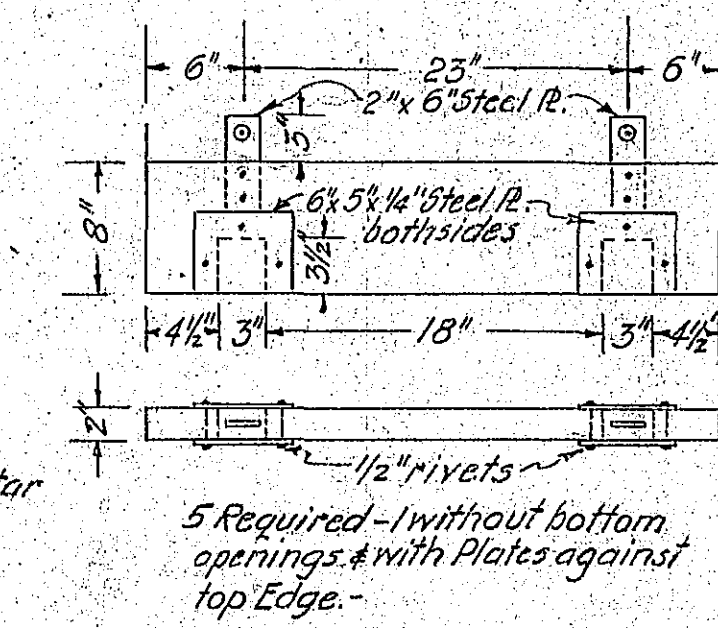
SECTION Q-Q

SECTION S-S

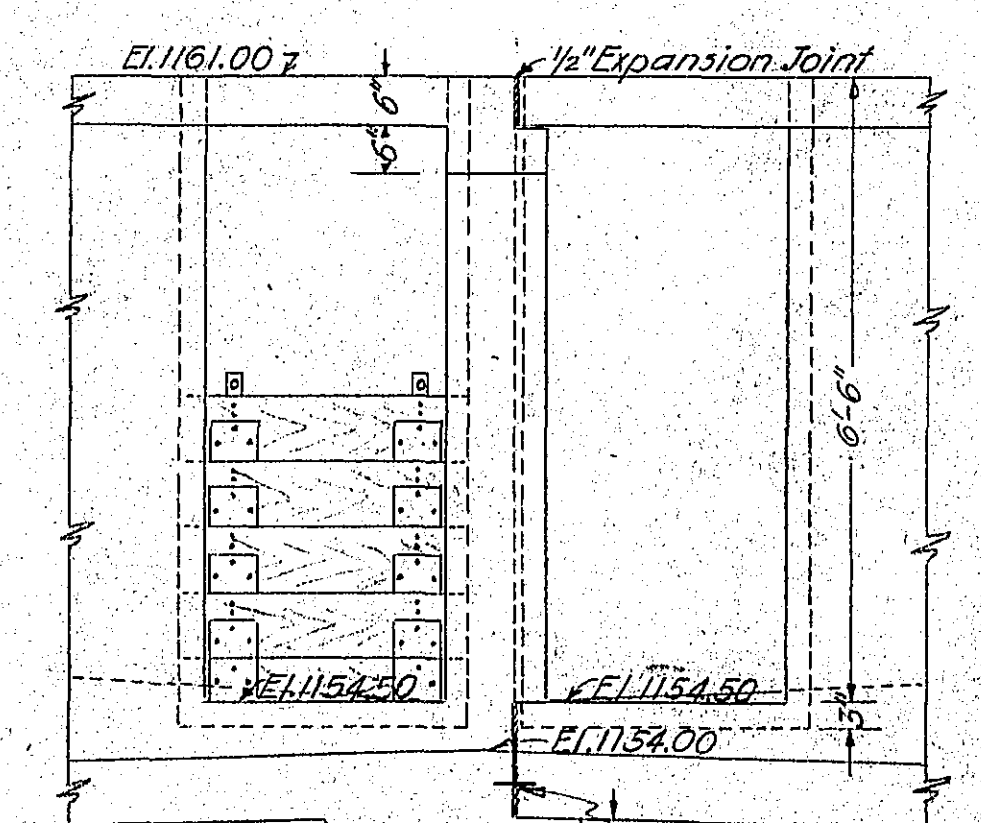
SECTION T-T
SCALE: 1" = 4'-0"

SECTION R-R

EFFLUENT CHANNEL & MIXER INLET BOX DETAILS
SCALE: 1" = 4'-0"



STOP LOG
SCALE: 1" = 1'-0"



SECTION U-U
STOP LOG GROOVE DETAILS
SCALE: 1" = 2'-0"

ROANOKE WATER DEPARTMENT
ROANOKE, VA.
CARVIN COVE WATER SUPPLY
AERATOR
DETAILS
SCALES AS INDICATED