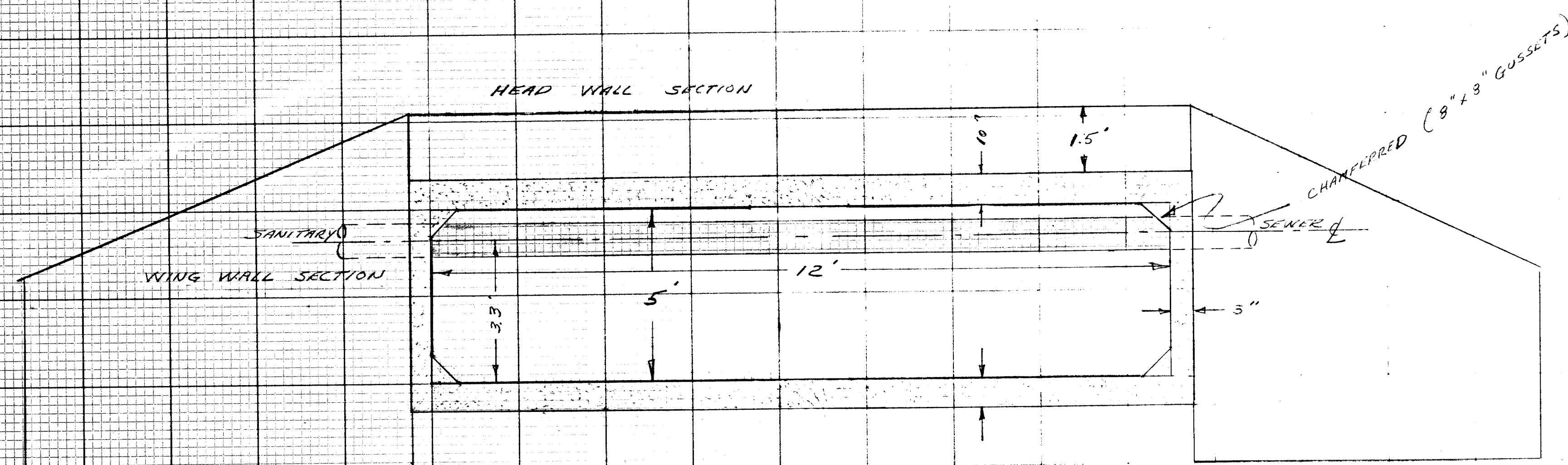
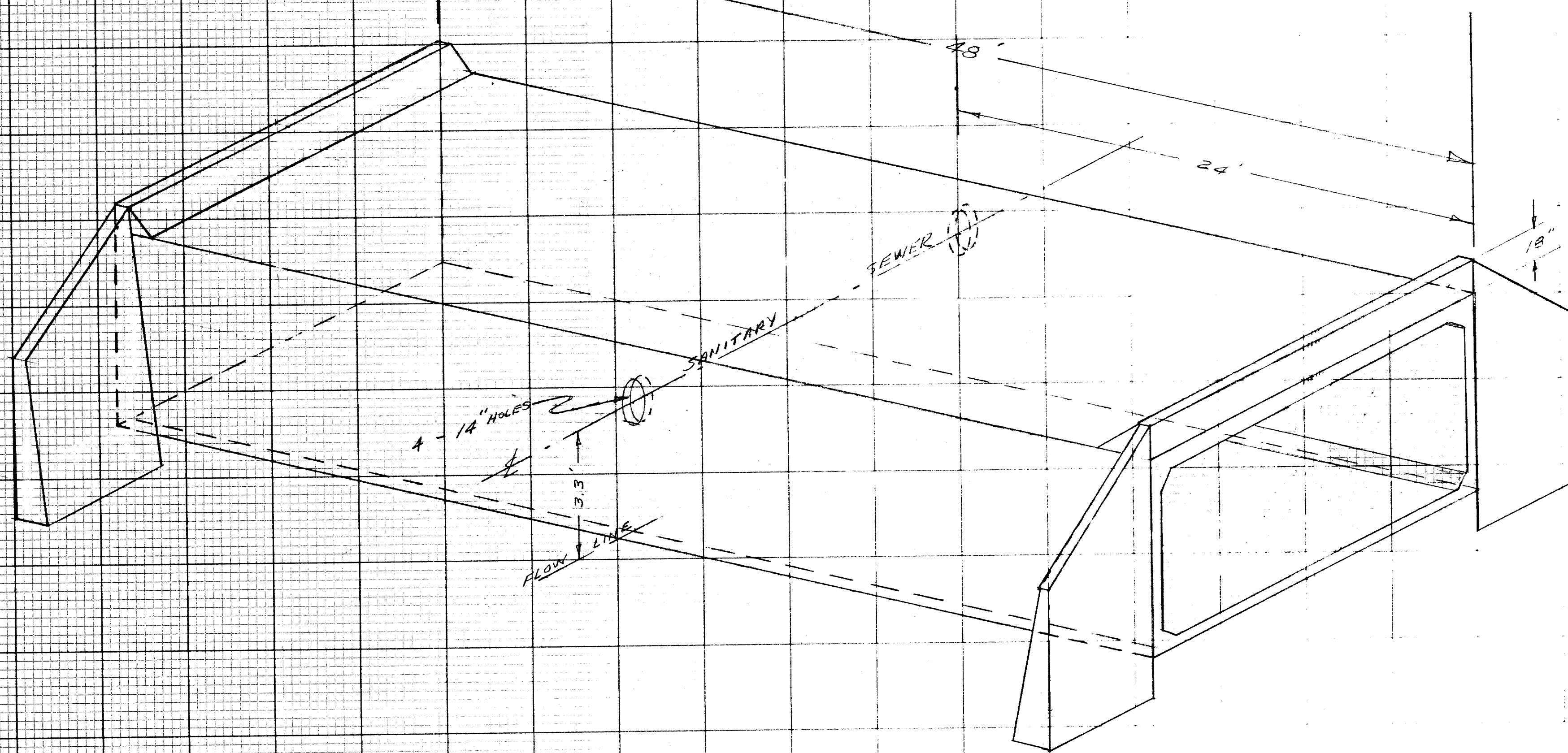
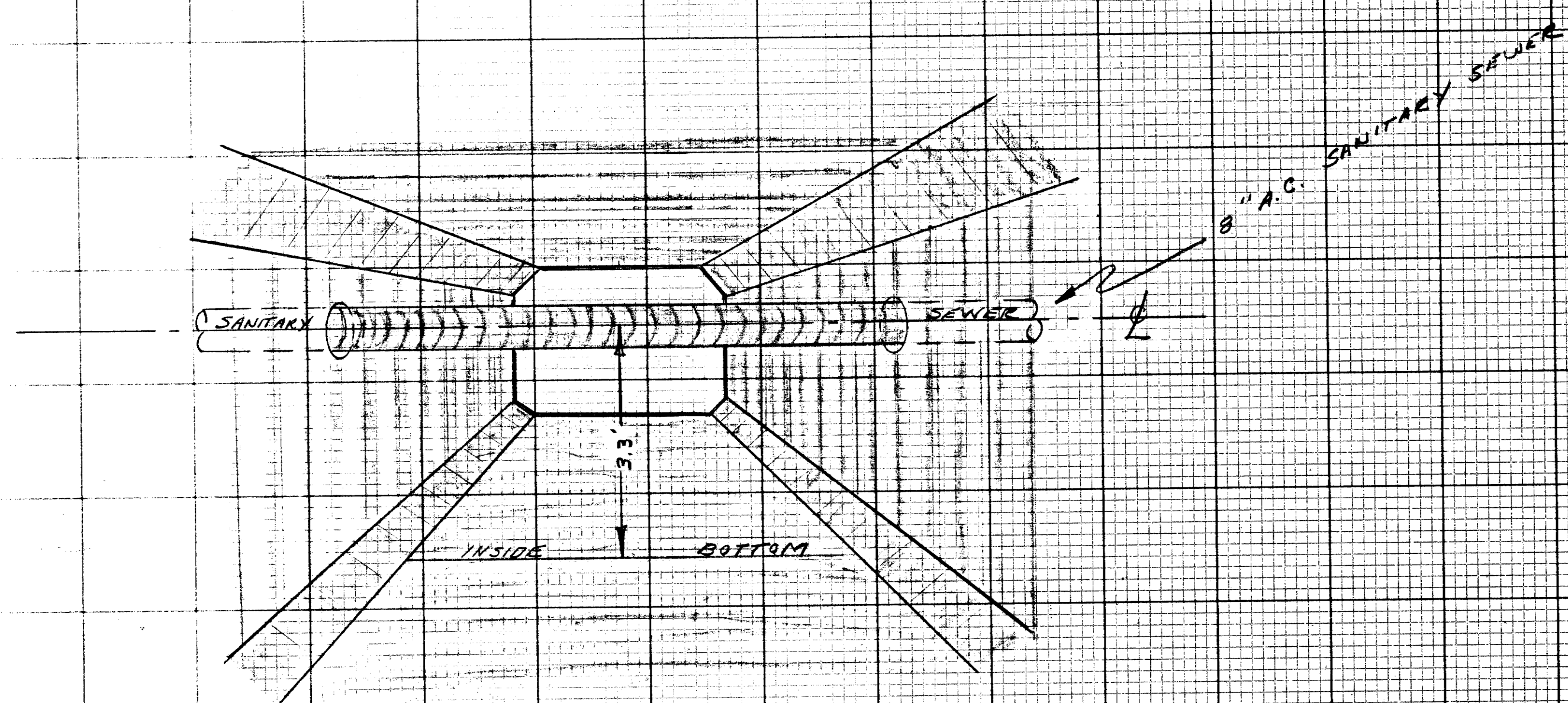




END VIEW
(NO SCALE)



DETAIL VIEW
(NO SCALE)



DESIGN CRITERIA:

DESIGN SPECIFICATIONS:
ACI 318-71 & AASHTO LOAD FACTOR DESIGN METHOD

MATERIAL PROPERTIES:

CONCRETE MIN. COMPRESSIVE STRENGTH - 5000 PSI @ 28

CAPACITY REDUCTION FACTORS (FROM ACI 318-71)

SHEAR - 0.85, BENDING - 0.90

LOADING DATA:

LOAD FACTOR, DEAD LOAD - 1.5, LIVE LOAD - 2.2

TRUCK AXLE LOAD, H20 - 32000 LBF

IMPACT (VARIABLE DEPTH) SEE AASHTO BRIDGE SPECS, 1969 - 0 TO 30%

UNIFORM INTERNAL PRESSURE - 0.0

EXTERNAL GROUND WATER PRESSURE - 0.0

STRUCTURAL ARRANGEMENT:

CONCRETE COVER OVER STEEL - 1 1/2"

SUBJECT TO ATSM C789-74 TABLE XI

DRAWN BY: DEPT. OF PUBLIC WORKS
EAST LONGMEADOW, MASS.

(COMPILED DATA) D. SCHUBI 4/1989

D.E.S.