

NOT TO SCALE

REDWOOD OR CEDAR POST -24" DIA. WATER TIGHT WATERPROOF CONTROL BOX --RISERS (TYPICAL) 100 GALLON PUMP CHAMBER SEAL OFF ~ WILBERT PRECAST (1604M) BY APPROVED INSTALLER AND SUPPLIER EXPLOSION PROOF BOX - WATER TIGHT SEALER RIGID CONDUIT 2" P.V.C. TO P.E. COUPLER 2" SIDR 7 P.E. PIPE TO DRAINFIELD HIGH LEVEL ALARM SWITCH ON AT 750 GALLON CAPACITY -2" THREADED BALL VALVE OPERATING SWITCH -2" THREADED BALL CHECK VALVE - 2" PACK JOINT COUPLER LOW LEVEL SWITCH OFF AT 100 GALLONS -- 2" PVC SDR 21 PIPE HYDROMATIC PUMP MODEL SHEF 40

**EXPLOSION** PROOF JUNCTION BOX TO ALARM HIGH LEVEL ALARM SWITCH OPERATING SWITCH TO CONTROL PANEL LOW LEVEL OFF SWITCH

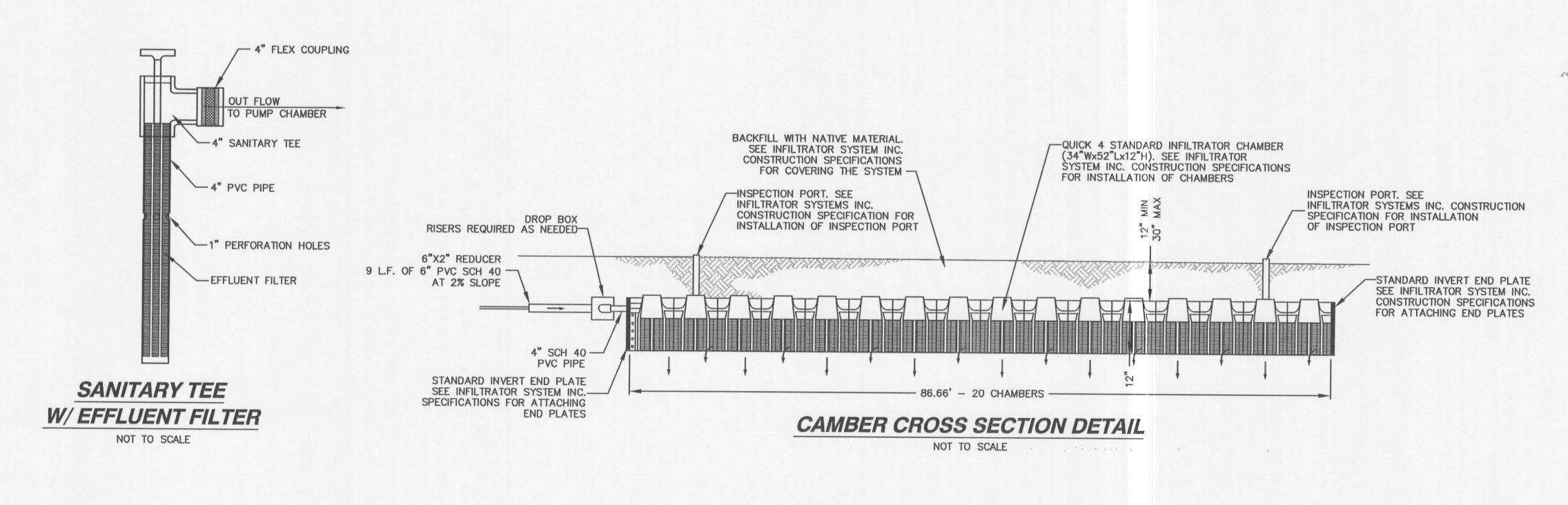
ACCEPTABLE CIRCUIT DETAIL

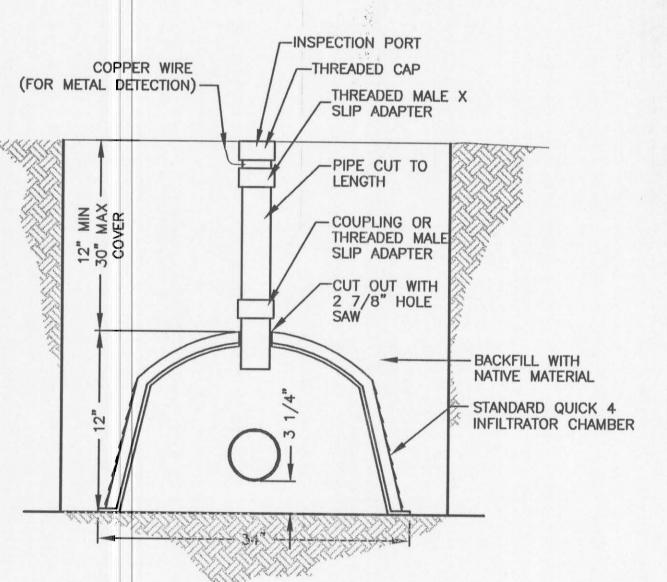
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PUMP CHAMBER DETAIL

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**PUMP SPECIFICATIONS:** TOTAL LOADING IS = 1100 GAL/DAY PUMP SHALL CYCLE TWICE A DAY AT 550 GAL/CYCLE. CONTRACTOR SHALL SELECT PUMP BASED ON INSTALLED TOTAL DYNAMIC HEAD AND INSTALLED LENGTH OF 2" P.E. PIPE. LINE VELOCITY SHALL BE GREATER THAN 2 FEET PER SECOND AND LESS THAN 7 FEET PER SECOND.





NOTE:
FOLLOW INFILTRATOR SYSTEM INC. SPECIFICATIONS FOR INSTALLATION

TRENCH CROSS-SECTION

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HILLCREST HANGER 1 CHECKED BY: CRF DESIGNED BY: SCALE: N.T.S. DATE: 2/5/07 PROJECT NO.: 00071

SHEET C7 OF 11

2002

PROJECT

SECTIONS DETAILS

SEPTIC AND

AIRCRAFT