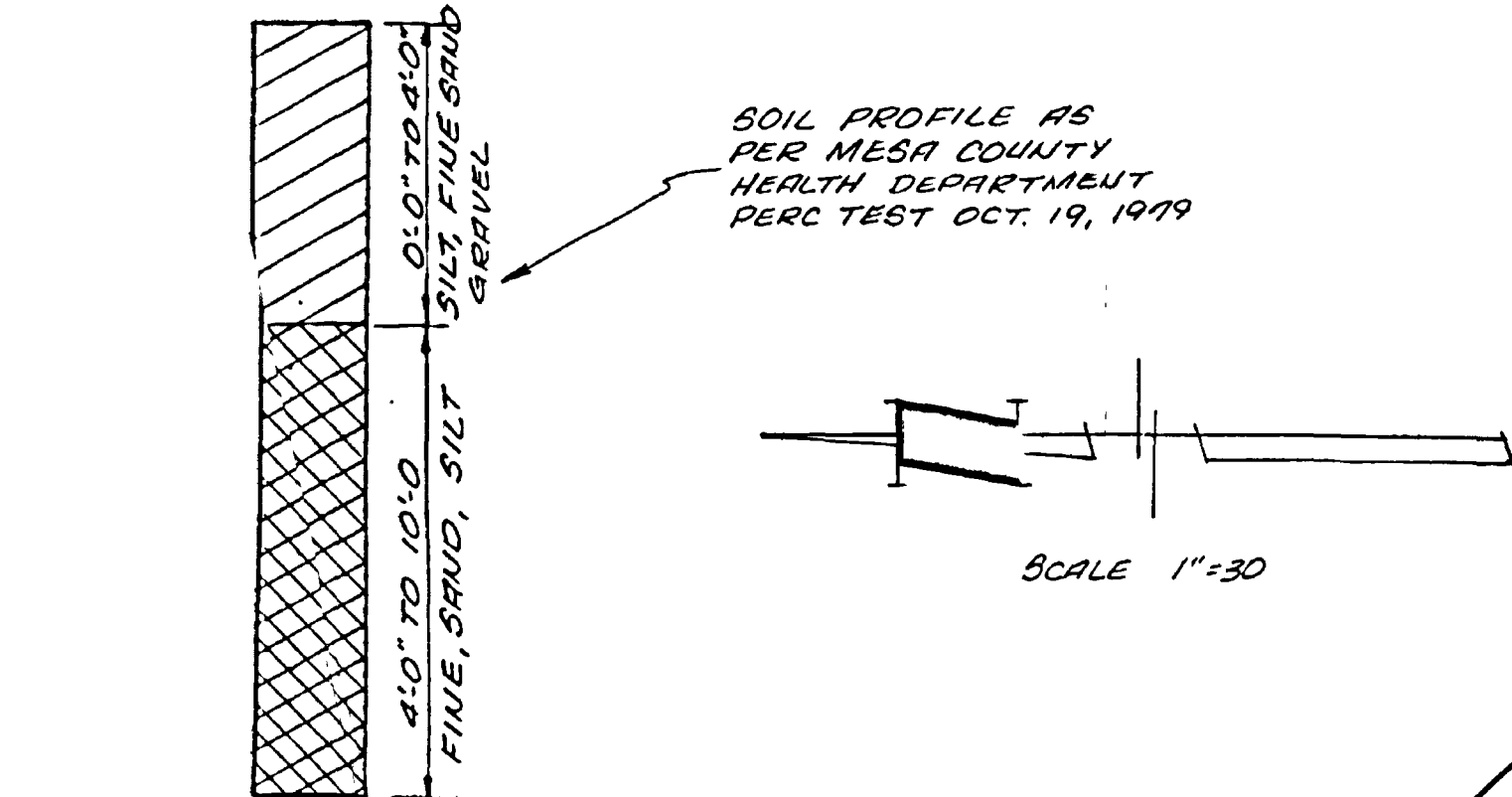
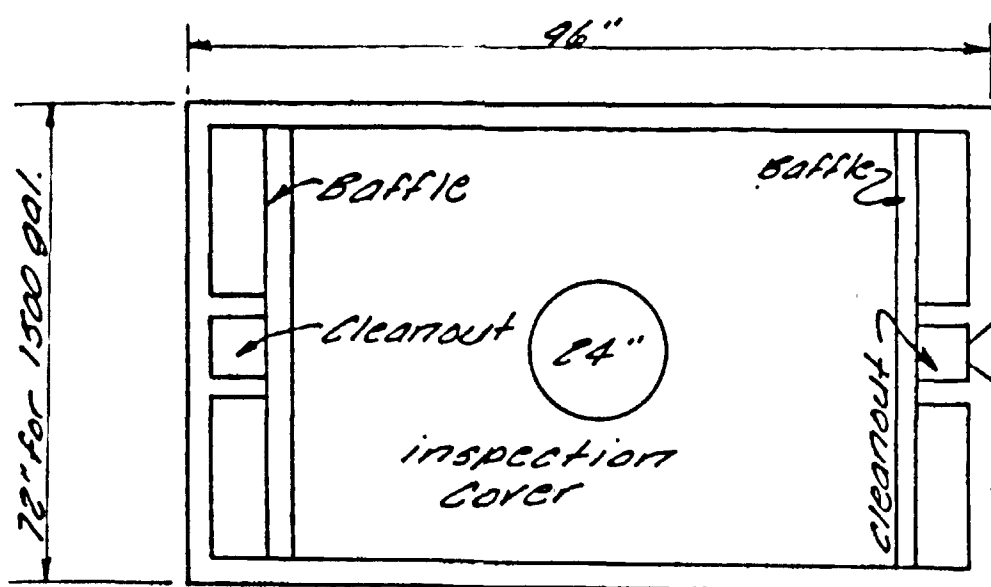


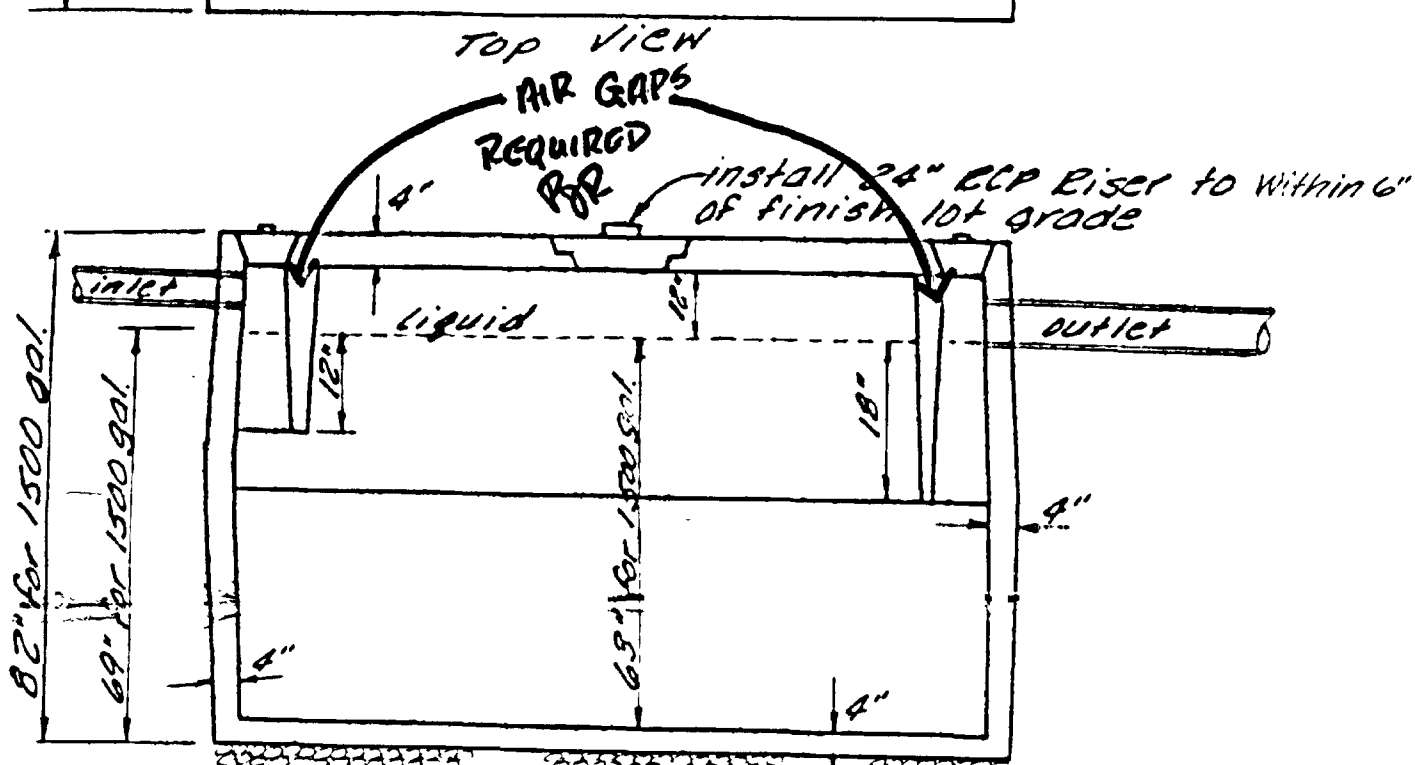
TYPICAL SEEPAGE BED AND DISTRIBUTION PIPE
 NOTE: ALL SMEARED OR COMPACTED SURFACES SHOULD BE RAKED TO A DEPTH OF 1" (ONE INCH) AND LOOSE MATERIAL REMOVED JUST BEFORE GRAVEL IS PLACED.



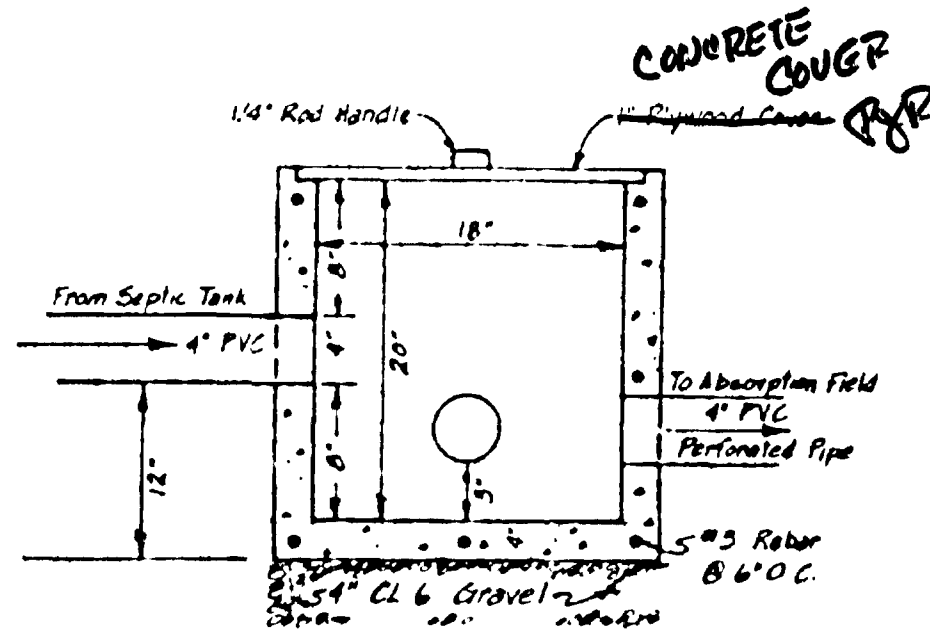
NO GROUNDWATER ENCOUNTERED



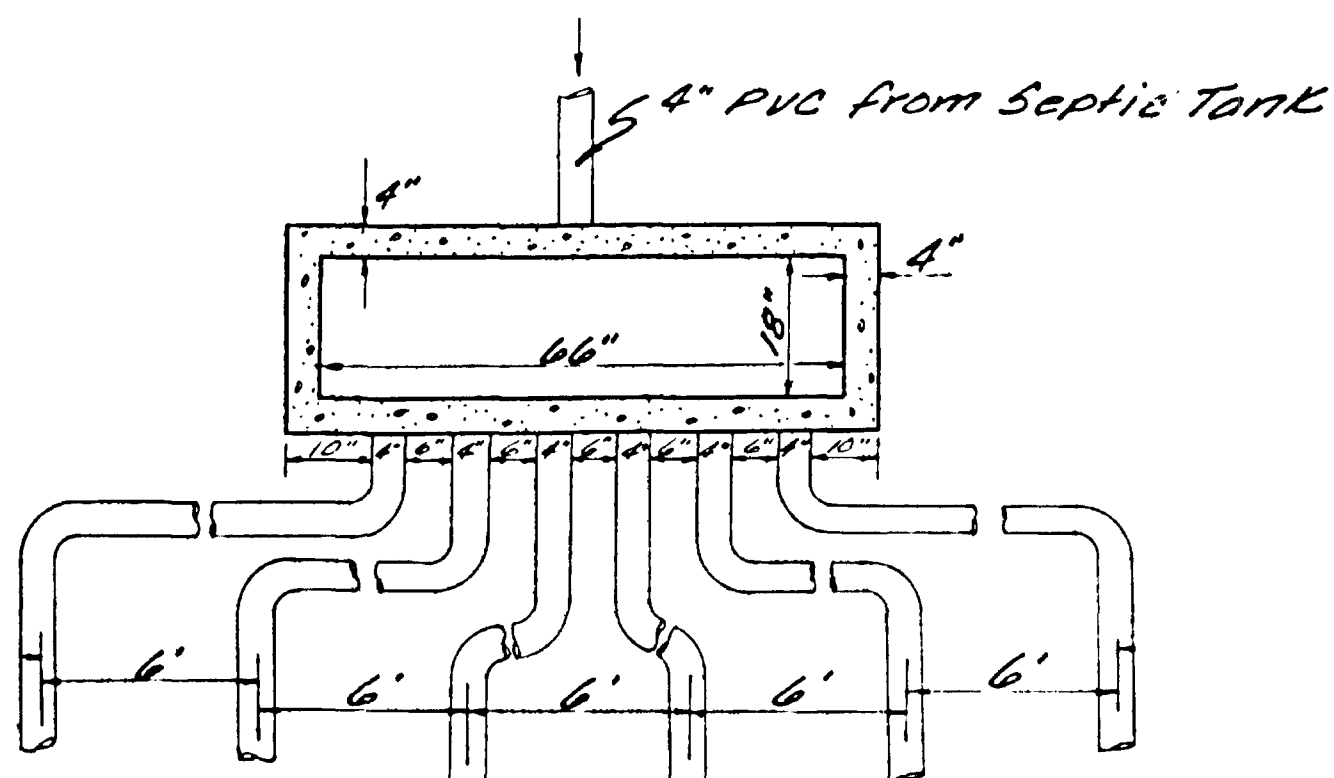
concrete minimums - 5,000 P.S.I., 28 days
 Reinforcement - 3/8" rebar at 12"
 Length - 8'
 Width - 6' for 1500 gal
 Height - 6'-10" for 1500 gal
 pre-cast tees
 for excavating, allow 12" on all sides



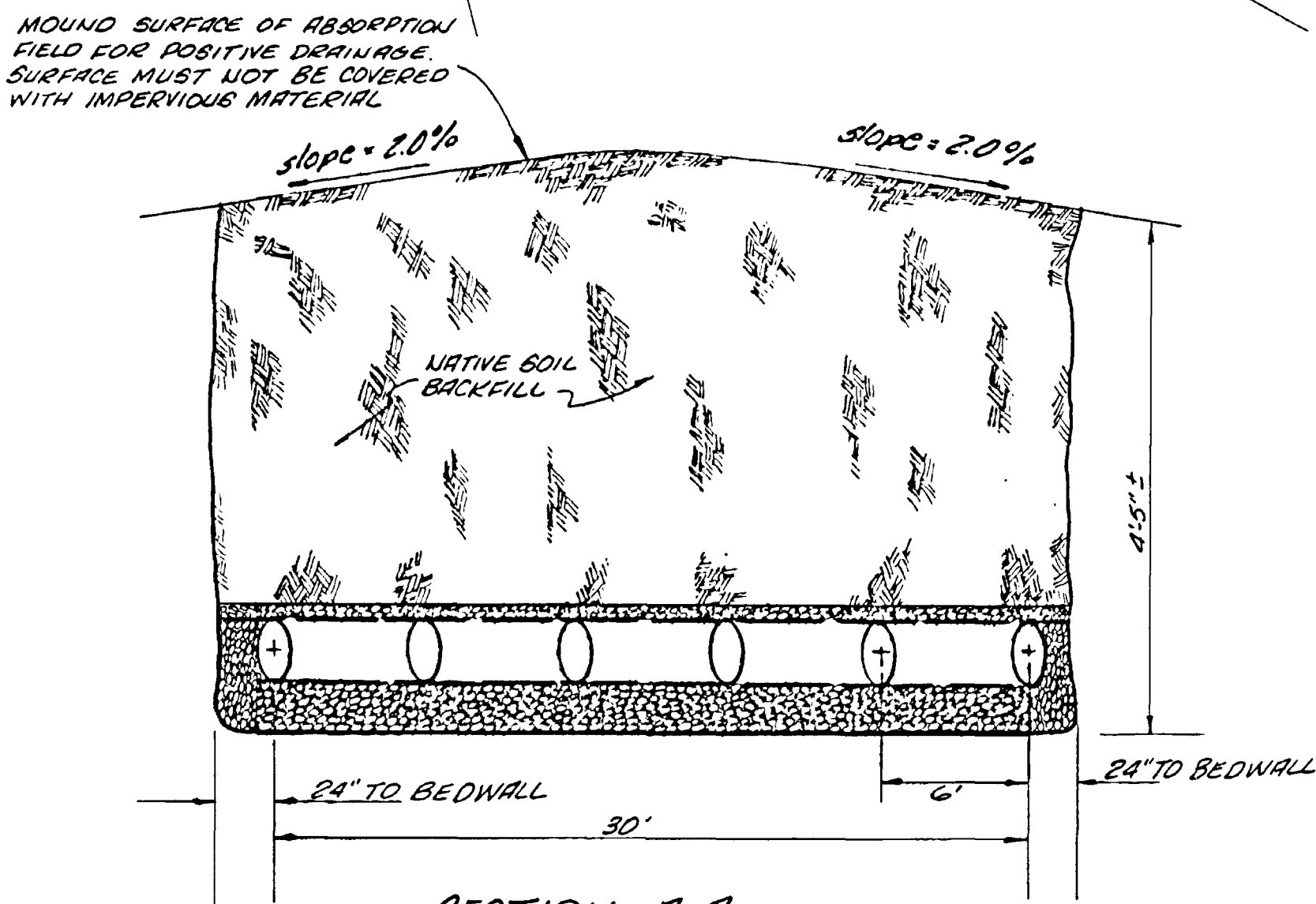
8" class 6 road base compacted to 95% Std. Proctor Density
 1250 OR 1500 GAL SEPTIC TANK WITH TWO COMPARTMENTS



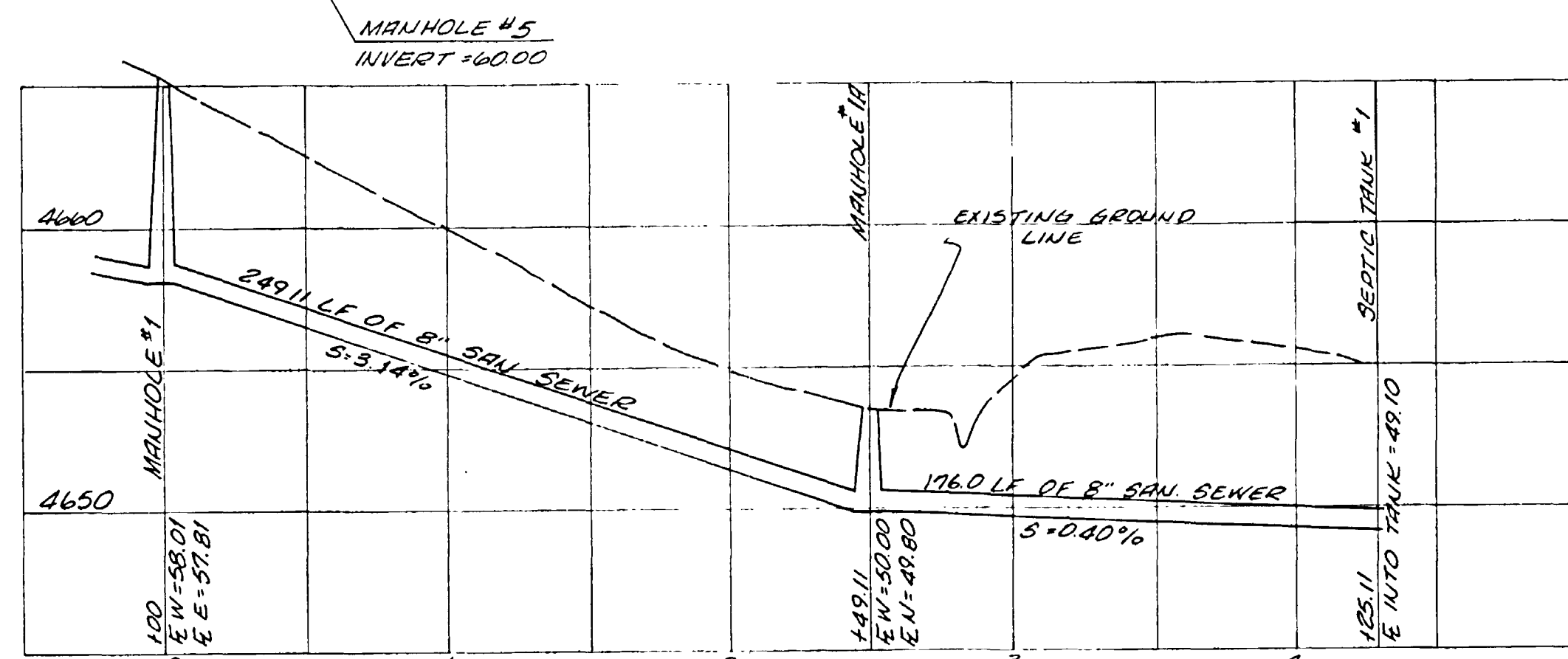
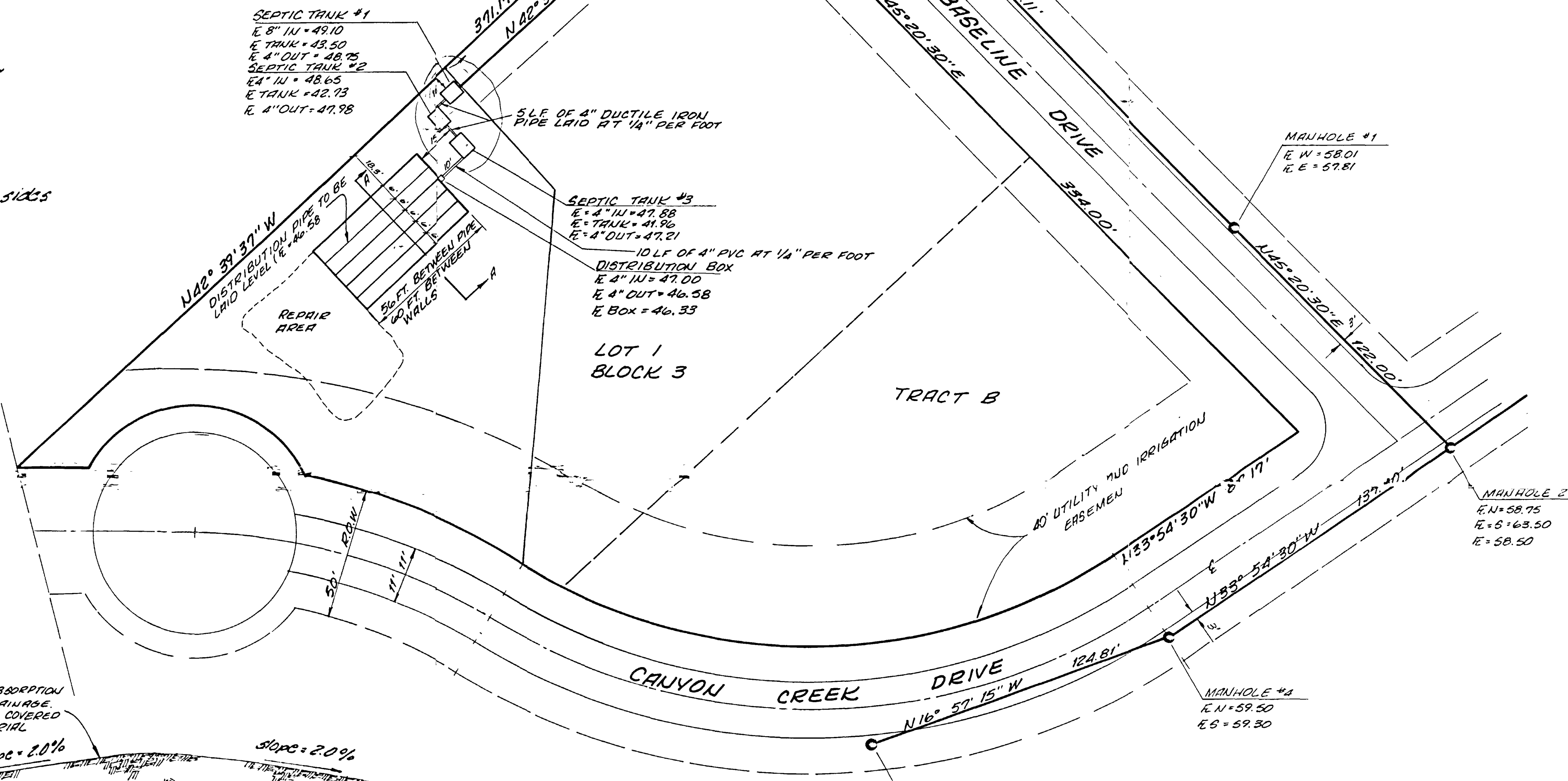
ELEVATION VIEW



PLAN VIEW
 DISTRIBUTION BOX



SECTION A-A
 NOTE: DISTRIBUTION PIPES TO BE LAID LEVEL



- GENERAL NOTES
- 1) Depth of seepage bed shall not exceed 5 feet.
 - 2) The capacity in gallons of each septic tank shall be permanently marked near the lid of the tank inspection cover.
 - 3) Prior to placement of backfill, the Contractor shall notify the Engineer and County Health Department for inspection.
 - 4) Design Data:
 - a) Population served = 18
 - b) Daily flow rate = 18 x 100 gpd = 1800 gpd
 - c) Percolation rate = 15 min./inch (by Mesa County Health Dept.)
 - d) Total volume of septic tank required: 15 bedrooms total; 1000 gal + 12(250) = 4000 gal. Use 3 - 1500 gallon tanks
 - e) Absorption Area:

$$A = \frac{Q \times t}{5} + (0.40) \frac{Q \times t^2}{5} = \frac{1800 \times 15^2}{5} + (0.40) \frac{1800 \times 15^2}{5}$$

$$A = 1394 + 558 = 1952 \text{ S.F.}$$
 Use 6 disposal lines with outermost lines 2 feet from bedwalls
 Width = 5 (6 ft.) + 2 (2 ft.) = 34 ft.
 Length = $\frac{1952}{34} + 2$ (2 ft.) = 60 ft.
 Use 34' x 60' seepage bed
 Use 34' x 60' cast iron pipe shall be used between septic tanks with a slope of 1/4 inch/foot. All septic tanks shall be precast concrete and State approved.
 - 5) 4" cast iron pipe shall be used between septic tanks with a slope of 1/4 inch/foot.
 - 6) All septic tanks shall be precast concrete and State approved.

CHECKED	
DATE	SEPT. 1980
SCALE	1"=30'

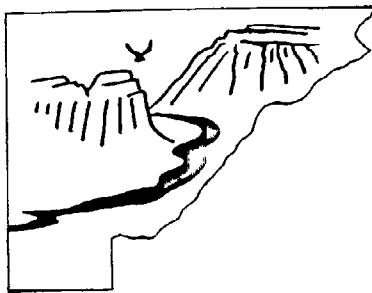
REVISIONS	BY
SEPT 30 80	WEB

PARACON ENGINEERING, INC.
 1400 S. W. 10TH AVE.
 GLENDALE, ARIZONA 85305
 (602) 438-1234

W. Howard B. Buntz

CANYON CREEK SUBDIVISION NO. TWO
 MESA COUNTY, COLORADO
 CENTRAL SEPTIC SYSTEM FOR LOTS 2-G,
 BLOCK TWO

APPROVED BY *Philip J. Pomeroy* DATE 10-1-80
 MESA COUNTY HEALTH DEPT.



Mesa County Health Department

515 Patterson Rd., Grand Junction, CO 81506
P.O. Box 20000, Grand Junction, CO 81502-5033

Administration	248-6900
Environmental Health	248-6960
Nursing	248-6950
Animal Control	242-4646

362 28 Rd.

October 4, 1995

Re: Collective Wastewater Disposal System, Tract B, Block 3, Lot 1, Canyon Creek Subdivision, Mesa County, Colorado
Tax Schedule #: 2947-161-08-006

Dear Homeowner:

The Mesa County Health Department held a meeting on June 21, 1995 regarding the history and current status of the common septic system located on the above parcel which serves the following dwellings.

2020 Broadview Court - Connected 1995
2024 Broadview Court - Connected 1981
2026 Broadview Court - Connected 1981
689 Canyon Creek Drive - Connected 1980

Homeowners and representatives from the Colorado Department of Health, Mesa County Health Department, and the City of Grand Junction were in attendance.

Possible resolutions of issues regarding this system were discussed following the presentation of historical and current findings. It has been determined that the design flow of this system has exceeded 2,000 gallons per day and therefore now requires site approval and a discharge permit from the Colorado Department of Public Health and Environment (CDPHE) as stated in Section 3.6 of the Mesa County Individual Sewage Disposal Systems Regulations.

"State Approval Required: Site approval and a discharge permit from the Colorado Department of Public Health and Environment, Water Quality Control Division shall be required for a system with design capacity based on design flow greater than 2,000 gallons per day."

The resolution options discussed were:

1. Abandon the collective system and construct individual sewage disposal systems on each individual parcel, thereby reducing the flow of each system below 2,000 gallons per day. Contact Mesa County Health Department for procedures on this alternative.