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EC56-701 Parts of Septic Tank Systems

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**PARTS OF SEPTIC TANK SYSTEMS**

- **SEWER TILE:**
  - **LENGTH:** 25' OR MORE
  - **SLOPE:** 1” IN 4’

- **CAST IRON SOIL PIPE:** 5' BEYOND FOUNDATION

- **ENTRANCE TEE**

- **SEPTIC TANK**
  - **MINIMUM FLUID CAPACITY:** 1000 GALLONS
    - (FOR ONE OR TWO BEDROOM HOUSE 24 TO 74 HR. DETENTION)
  - **SHAPE:** WIDE VARIETY SATISFACTORY
  - **AVOID SHALLOW DEPTH AND VERY SHORT LENGTH**
  - **MATERIALS:**
    1. CONCRETE - CAST IN PLACE, BLOCKS, OR PRECAST
    2. BRICK, STONE, OR CLAY TILE
    3. METAL - PROTECTED AGAINST CORROSION
  - **COMPARTMENTS:** TWO PREFERRED
  - **CONTENTS:**
    - SCUM - FLOATING
    - EFFLUENT - LIQUID
    - SLUDGE - SETTLINGS

- **EXIT FOR EFFLUENT**
  - **SLOPE:** AS NEEDED

- **DRAINAGE TILE LINES FOR FINAL PROCESSING OF SEWAGE**
  - **DIVIDER BOX**
    - **MINIMUM:** TWO LINES EACH 100' 6' SPACE BETWEEN LINES
    - **SLOPE:** NORMAL 1/3 % (4" PER 100') MAY BE STEEPER IN SANDY SOIL
    - **DEPTH:** 12' TO 24''

- **SOIL FILL:** 1'-0"
- **4" DRAIN TILE:** 2'-0"
- **SAND OR GRAVEL:**

- **SUGGESTED DITCH FOR DISPOSAL FIELD IN AREAS WITH TIGHT SOIL**

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**FOR MORE INFORMATION SEE E.C. 703 "FARM SEWAGE DISPOSAL"**

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