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## PLAN REVIEW—SEWAGE DISPOSAL SYSTEM

Owner: \_\_\_\_\_ Plan Dated: \_\_\_\_\_

Location: \_\_\_\_\_ Date Received: \_\_\_\_\_

Town: \_\_\_\_\_ Review Date: \_\_\_\_\_

Plan Prepared By: \_\_\_\_\_ Title: \_\_\_\_\_

Address: \_\_\_\_\_ Telephone: \_\_\_\_\_

KEY: check = OK      NA= not applicable      circled items= need attention

- Lot in area of special concern (Sec. 19-13-BIO3d(e)).
- Lot is an approved building lot with size and dimensions shown.
- Lot is ON public water supply watershed/proper separating distances provided.
- Public well with draw down area located and adequate separation provided
- Drainage brooks, other wetlands features found during site inspection, noted on plan.
- Plan scale 1" = 20' with north arrow.
- Contours shown - prefer 2' increments in leaching area (both existing and proposed).
- Plan has seal (raised or stamped) of Conn. licensed P.E. with LIVE signature, address and telephone.
- Adequate bench mark established. Location \_\_\_\_\_ Elevation \_\_\_\_\_
- Current lot # and street address given.
- Basis of design stated # Bedrooms \_\_\_\_\_ Daily Flow \_\_\_\_\_ Perc Rate \_\_\_\_\_
- Size of septic tank stated \_\_\_\_\_ gals.; two-compartment tank required. Cleanouts within 12" of final grade.
- Large capacity tub (>100 gallon capacity) is planned. Septic tank size and leaching area increased as needed.
- Garbage grinder installation is planned.
- Public sewers available or to be available within 5 years, reserve area to be waived.
- Results of all soil testing, on lot, shown on plan with dates. Deep observation pits and percs properly located and labeled.
- Deep observation pits and percs located on plan are within leaching areas. Area suitable for septic.
- Primary and reserve areas properly sized \_\_\_\_\_ SF, re: # bedrooms, large capacity tubs, commercial or nonresidential.
- Meets hydraulic constraints/limitations according to MLSS.
- Relate mottling, groundwater, ledge and limiting soil horizon elevations to actual site elevations and leaching system elevations. Adequate separation provided. (18" above max. water table, 4' above ledge rock.)
- Lot requires filling in primary area (Sec. 19-13-BI03e (a) (3)). Plan specifies fill quality.
- Included in construction notes for systems installed in fill: percolation test must be performed in select quality fill material and that rate must be equal or better than the design rate. Engineer to verify fill quality; make in-process inspections.
- Fill system: vertical depth of fill in last trench is carried out laterally and downgradient for 12-15' following the existing contours; then sloping fill to original grade at a minimum of a 2:1 slope, with the toe of the slope of fill ending on the subject lot. Cross section provided from foundation to toe of fill slope.

- Site preparation instructions on plan.
- Leaching system follows original grade contours with adequate serial distribution for trenches at different elevations.
- House sewer and distribution pipe pitch and length acceptable. Recommend 6" difference in elevation from the septic tank outlet to the HLO of the first trench or row. (Intention: to prevent backup of effluent into septic tank.)
- Final grades drain surface water away from system.
- Foundation drains and footing drains, located. Outlets OK in relation to leaching system, and tributaries to water supply watershed.
- Curtain drains: 6" of one-half inch stone under drain pipe in soil drains; invert elevations provided; filter fabric to be utilized meets specifications of the public health code technical standards, and can be properly identified.
- Written description of leaching system proposed indicating effective area provided.
- Depth of one inch stone is sufficient for leaching component to be installed.
- Elevations established for soil pipe at foundation, inlet and outlet of septic tank, distribution boxes, trench drain pipe, trench bottoms, final cover grades.
- Cross section of complete septic system provided, drawn to scale. Cross section of leaching components provided.
- Adequate separation distances relating to house, property lines, neighboring houses, wells, drainage features, pressure or suction water pipes, and appropriate distance between leaching field components.
- If pump required, pump size, manufacturer, size of chamber, alarm; gallons per cycle; pumped gallons per cycle and storage capacity appropriate for system design.
- No encroachment on right-of-ways, easements.
- Driveways, swimming pools, tennis courts, accessory structures, etc. properly located. Where system is under driveway: show H-20 loading requirement for septic tank, leaching components, manhole(s) to grade.
- Neighboring wells located, or statement as to nonexistence.
- Public water or sewer NOT available, service connection too far from property line. (check Rocky Hill ordinance)
- Well located on high point of lot, if possible.
- Well at least 75' from all primary and reserve sewage system components, including septic tank, and buried oil tank(s), or other point(s) of pollution, of subject lot and adjoining lots. Radius within lot to degree possible.
- 25 Feet from well to foundation drains, curtain drains, in-ground pools, surface water body.
- Engineer to stake out primary system prior to installation and submit engineered as-built.
- Health code requires review by the State DPH. (Shared system, separate lot, well separating distance.)
- Central CT Health District procedures require review and recommendation by the State DPH.

Action taken:     approved         denied

Reviewed by: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: \_\_\_\_\_  
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