

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207) 287-5872 FAX (207) 287-4172

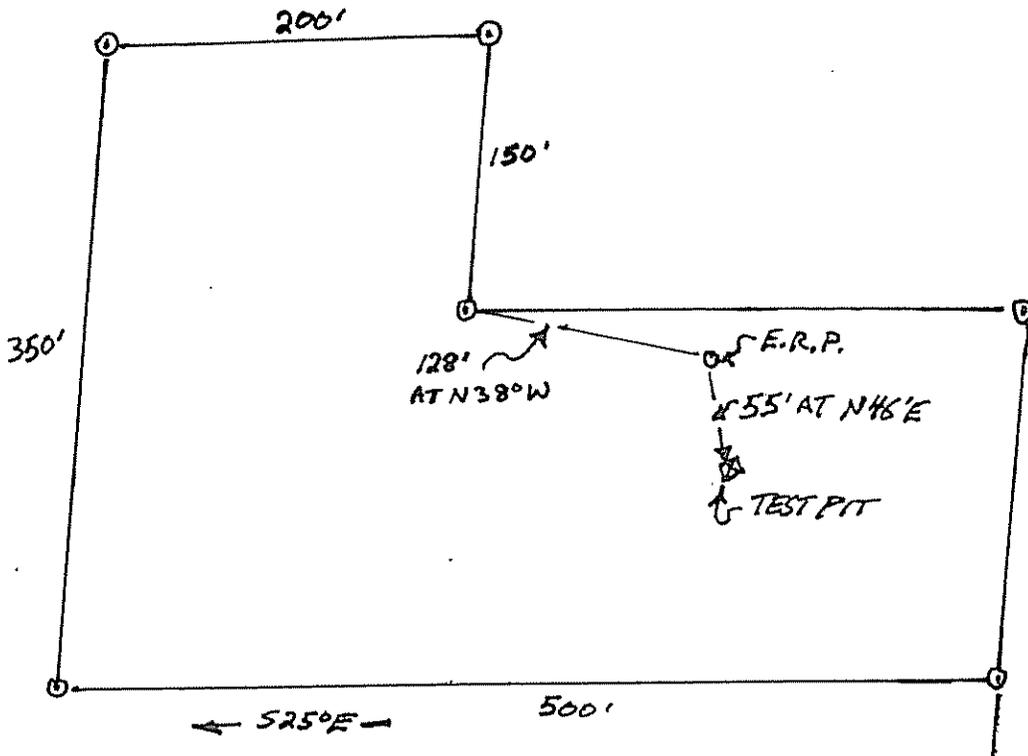
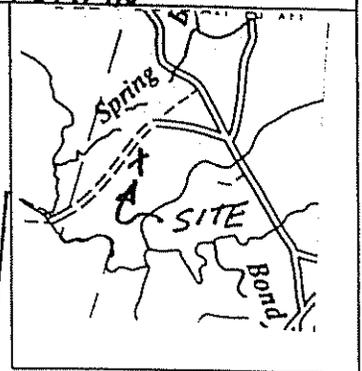
Town, City, Plantation
AUGUSTA

Street, Road Subdivision
WADE ROAD

Owner's Name
JIM FORTIN

SITE PLAN

Scale 1" = 100 Ft.
or as shown



SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole 1 Test Pit Boring
2 " Depth of Organic Horizon Above Mineral Soil

| DEPTH BELOW MINERAL SOIL SURFACE (inches) | Texture | Consistency | Color | Mottling |
|---|------------|-------------|--------------|----------|
| 0 | LOAM | FRIABLE | LIGHT BROWN | |
| 10 | SANDY SILT | | YELLOW BROWN | |
| 20 | SILTY SAND | | | FEW |
| 30 | SANDY SILT | FIRM | OLIVE | COMMON |
| 40 | | | | |
| 50 | | | | |

| | | | |
|-----------------------------------|--------------------|-------------------------------|--|
| Soil Classification 8 C | Slope 7% | Limiting Factor 24" | <input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth |
| Profile | Condition | | |

Observation Hole _____ Test Pit Boring
_____ " Depth of Organic Horizon Above Mineral Soil

| DEPTH BELOW MINERAL SOIL SURFACE (inches) | Texture | Consistency | Color | Mottling |
|---|---------|-------------|-------|----------|
| 0 | | | | |
| 10 | | | | |
| 20 | | | | |
| 30 | | | | |
| 40 | | | | |
| 50 | | | | |

| | | | |
|---------------------|-----------|-----------------|---|
| Soil Classification | Slope | Limiting Factor | <input type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth |
| Profile | Condition | | |

Steph P. [Signature]
Site Evaluator Signature

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SE

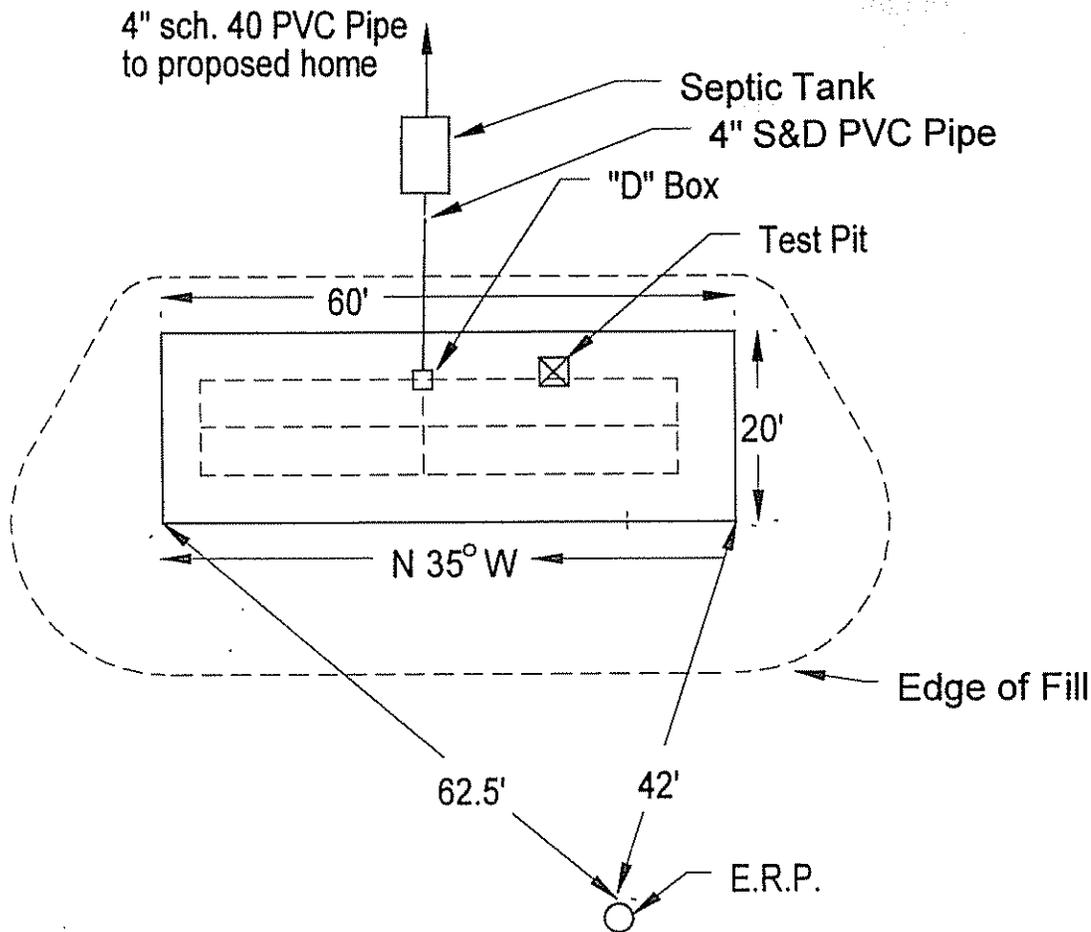
4 FEB 04
Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

| | | |
|--|---|--|
| Town, City, Plantation <i>AUGUSTA</i> | Street, Road, Subdivision <i>WADE ROAD</i> | Owner or Applicant Name <i>JIM FORTIN</i> |
|--|---|--|

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20 ft.



BACKFILL REQUIREMENTS

| | |
|-------------------------------|-------------|
| Depth of Backfill (upslope) | <u>12</u> " |
| Depth of Backfill (downslope) | <u>29</u> " |

CONSTRUCTION ELEVATIONS

| | |
|--|--------------|
| Finished Grade Elevation | <u>-48</u> " |
| Top of Distribution Pipe or Proprietary Device | <u>-61</u> " |
| Bottom of Disposal Field | <u>-72</u> " |

ELEVATION REFERENCE POINT

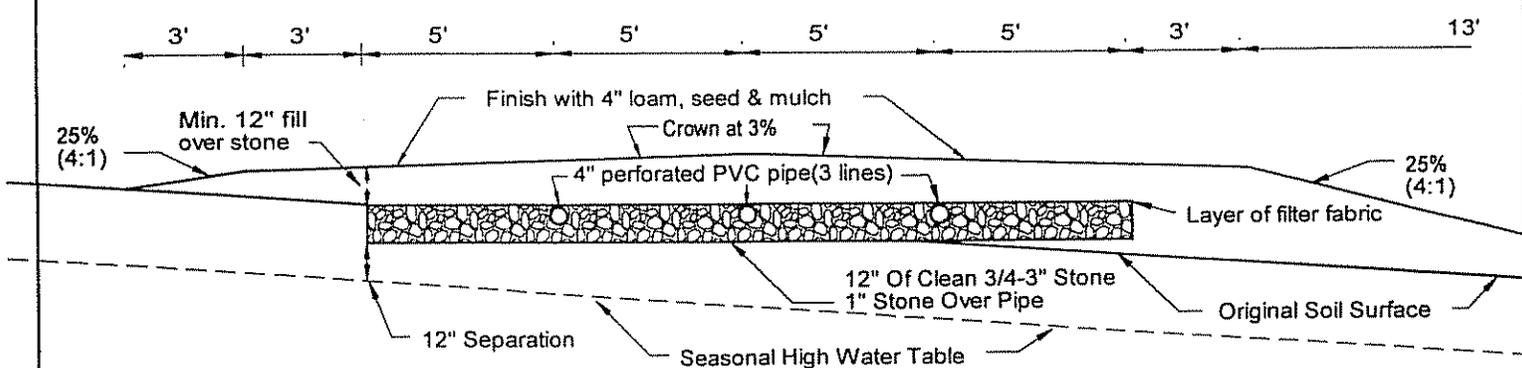
Location & Description: NAIL IN 12" CHERRY, 10.5" FROM GROUND
Reference Elevation is: 0.0" or: _____

DEPTHS AT CROSS-SECTION (shown below)

DISPOSAL FIELD CROSS-SECTION

Scales:

Vertical: 1" = .5 ft.
Horizontal: 1" = 5 ft.



Stephen P. Ribbons

S.E. #301

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Town AUGUSTA Address WADE ROAD Owner JIM FORTIN
ATTACHMENT TO HHE-200

- notes:
1. Construction to conform with "State of Maine Subsurface Wastewater Disposal Rules".
 2. Property lines shown are as provided by owner, agent, or municipality. No guarantee of accuracy is implied. Actual property lines must be confirmed by survey.
 3. Remove organic material and ~~searify~~ rototill ~~farrow~~ area under drainfield and fill extensions.
 4. Unless otherwise specified, all fill will be coarse sand to a gravely coarse sand. See Sec. 804.0 in the Maine State Plumbing Code for further clarification of fill requirements. In 8" lifts, compacted as placed. First lift to be thoroughly mixed with original soil.
 5. Septic tanks and pump stations shall be installed watertight to prevent infiltration of ground and surface water.
 6. Force mains, pump stations, and or gravity piping subject to freezing shall be adequately insulated.
 7. Unless otherwise specified, septic tank to be located by contractor; at minimum; 8' to proposed or existing home and or buildings, 10' to property line & water supply line, 100' to all wells and shoreline. Owners well setback can be reduced to 50' if a 1 piece water-tight tank is used.
 8. A septic tank outlet filter is recommended.
 9. If replacement system with new tank, existing tank or cesspool to be filled with soil or removed. If existing tank is to be utilized, tank is to be thoroughly inspected for condition.
 10. Unless otherwise specified, this plan does not allow the placement of pumps between the wastewater source and the septic tank.
 11. Unless otherwise specified, disposal area to existing or proposed buildings setback is 20'.
 12. Water from gutters, driveways, walks, and other surface water to be diverted away from system.
 13. Loam, seed and mulch all disturbed areas to prevent erosion and facilitate runoff.
 14. Unless otherwise specified, keep traffic heavier than lawn tractor away from all components of system.
 15. Keep sanitary napkins, cigarette butts, coffee grounds, paper towels, grease, and nonbiodegradables out of system.
 16. Many times it is impossible to locate water supplies. Property owner assumes responsibility of proper setback to any unknown water supplies.
 17. Discharge from water treatment equipment and residential floor drains is not considered wastewater and must not be plumbed into septic system. This flow should be diverted into a separate drywell (Disposal area that does not require design or permit).
 18. Plumbing fixtures must be strictly maintained to insure excess water does not enter septic system. Excess water can lead to premature clogging and total failure of disposal area.
 19. Venting of disposal area is not required, but can facilitate biological action in disposal area.
 20. Pumped systems will be equipped with audible high water alarm, wired to separate circuit as pump.
 21. If a BK2000 Waste-Water Management system or any other Norweco products are included in this design, the designer has a financial interest in the sale of these products. Owner is encouraged to research comparable products and make final choice. If owner chooses a competitors product, design will be revised to note said change at no charge.
 22. Take 3 copies of the plan to your local plumbing inspector for required permit.

Stephen P. Robbins

S.E.#301

Date 4 FEB 04

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