

DURHAM COUNTY HEALTH DEPARTMENT

IMPROVEMENT PERMIT, AUTHORIZATION FOR WASTEWATER SYSTEM  
CONSTRUCTION (G.S. 130A-336) AND OPERATION PERMIT

Owner Dave Schumannfang Location Woods End Road  
Contractor \_\_\_\_\_ Subdivision \_\_\_\_\_  
Tax Map Ref. No. 929-02-021V Surveyed Lot# 1 Lot Area 7.72 ac

House  Mobile Home \_\_\_\_\_ # of Bedrooms 4 Garbage Disposal yes \_\_\_\_\_ no   
Type of Business \_\_\_\_\_ # Employees \_\_\_\_\_ # Shifts \_\_\_\_\_  
New S.T.S.  Repair S.T.S. \_\_\_\_\_ Reconnection S.T.S. \_\_\_\_\_  
Water Supply: Individual  Public \_\_\_\_\_ Community \_\_\_\_\_

SYSTEM DESCRIPTION

Suitable \_\_\_\_\_ Provisionally Suitable  Unsuitable \_\_\_\_\_ [Abatement of a Public Health Nuisance (G.S. 130A-19)]  
Design Wastewater Flow 480gpd LTAR .3 Nitrification Field 1605 square feet  
Type of System Conv.  Pump Conv. \_\_\_\_\_ LPP \_\_\_\_\_ LPP in Fill \_\_\_\_\_ Other \_\_\_\_\_  
Size of Septic Tank 1200 Size of Pump Tank 1400 if required  
Trench Depth 18" Trench Length 535' Trench Width 36" Depth of Stone 12"

Improvement Permit By Andrew E. Morgan (Article 11 Chapter 130A of the General Statutes)  
Authorization for Wastewater System Construction By \_\_\_\_\_  
Date 11-16-01 Expiration Date 11-16-06  
Operation Permit By \_\_\_\_\_ Date \_\_\_\_\_  
System Installed By \_\_\_\_\_ Date \_\_\_\_\_

Construction must comply with all other applicable state and local regulations, site plan on attached plat, any special conditions, and attached specification sheet(s). Contractor is to meet Environmental Health Specialist on-site prior to any construction or grading.

- 1) Septic contractor to meet EHS on site prior to any work on system.
- 2) System to be installed according to specifications of attached sheet.
- 3) House site to be staked and location approved by Env. Health Spec. prior to any construction activity or other site disturbance.
- 4) Supply line from tank must **maintain constant fall** to avoid a pump system.
- 5) Grade line is flagged in field with *Pink and Black tape*. No grading or construction traffic inside gradeline in area designated for septic system and/or repair **OR PERMIT MAY BE VOIDED.**
- 6) NOTE: Durham Co. Inspections Dept. requires adherence to Zoning Ordinance setback requirements.
- 7) Construction Authorization to be issued after site plan is approved by Inspections Dept. and EHS.
- 8) If home is to be built within 20 feet of grade line, a grade fence will be required prior to Auth. to Construct or plat verification approval.
- 9) Driveway to remain within 15 feet of property line.

Actions of representatives of state or local health departments engaged in the evaluation and determination of measures required to effect compliance with the provisions of this section shall in no way be taken as a guarantee that sewage treatment and disposal systems approved and permitted will function in a satisfactory manner for any given period of time, or that such employees assume any liability for damages, consequential or direct which are caused, or which may be caused, by a malfunction of such systems (G.S. 130A-166.65).

Note: This Permit is subject to revocation if site plans or the intended use changes, or if site and soil conditions are altered such that a septic system cannot be installed in compliance with this permit.

SPECIFICATIONS FOR CONVENTIONAL

SYSTEM FOR: D. Schumannfang TAX MAP # 929-02-021V

LOCATED AT: Woods End Rd.

CHECKED ITEMS TO BE COMPLIED WITH:

- System to serve 4 bedroom residence or \_\_\_\_\_
- House grade line shall be \_\_\_\_\_ feet from as drawn on plat.
- System shall be in area designated by Health Department, area for system and repair shall be left undisturbed unless confirmed by Environmental Health Specialist. ?
- Trenches **shall not** be installed deeper than 18 " without prior approval.
- Riser on septic tank shall be a minimum of 6" above finished grade.
- Above grade access for effluent filter shall be a minimum 6" above finished grade.
- All utilities shall be brought around area for system and repair.
- Surface and subsurface water shall be diverted from site of system and tanks; site shall be stabilized and maintained after system is installed.
- The water supply must meet applicable Durham County Well Regulations prior to issuance of Operations Permit.
- NOTE: Durham Co. Inspections Dept. requires adherence to Zoning Ordinance setback requirements.
- Construction Authorization to be issued **pursuant to site plan approval by Inspections Dept. and EHS.**
- Other Missing corner iron must be identified or reset prior to Auth. to Construct.

Authorization for Wastewater System Construction shall be valid for 60 months from date of issuance. If the installation has not been completed during that time period, the authorization shall become invalid and must be renewed. If the site and soil conditions are altered, or the facility, design wastewater flow and wastewater characteristics are increased, the permit may become invalid.

This Improvements Permit is issued for the exact lot as evaluated on 10-31-01 and approved by the Durham County Health Department. Even the slightest change in the lot dimensions and/or configuration may void this permit. It is the owner's responsibility to notify the Durham County Health Department of any planned changes. Should the lot dimensions change, the lot must be re-evaluated by the department. All applicable fees must be paid and there is no guarantee by the Durham County Health Department that an Improvements Permit will be issued.

14  
 COUNTY SEC.  
 PB 10

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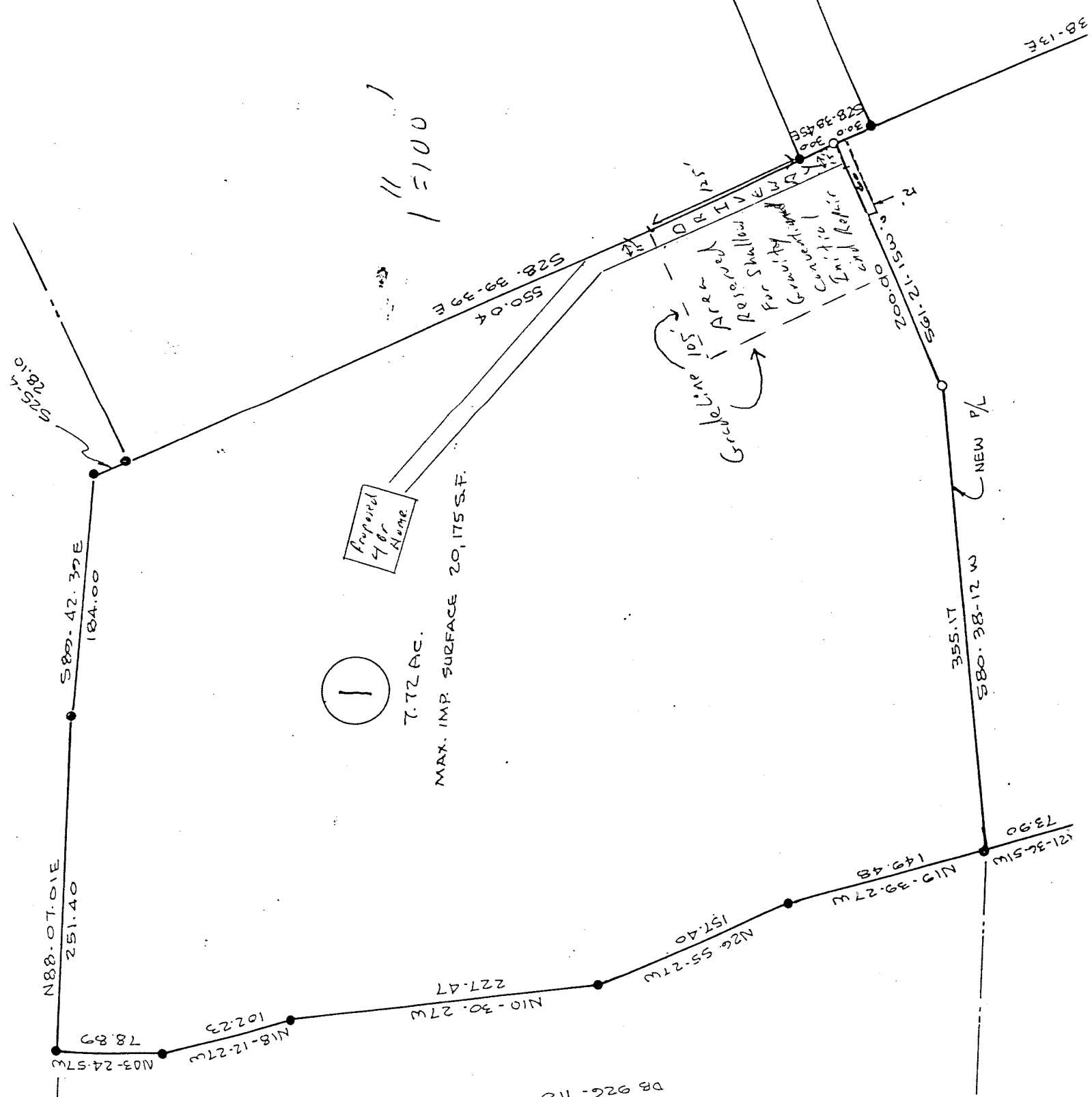
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7.72 AC.  
 MAX. IMP SURFACE 20,175 SF.

Proposed  
 4 br  
 Home

105  
 Proposed  
 1/2" 105  
 For Shallow  
 Water Table  
 For  
 General  
 Utility  
 Work

WOODS  
 (PUBLIC)



RICHARD PENNY  
 PB 35-9C  
 DB 926-118

NEW P/L  
 355.17  
 580-38-12 W

149.48  
 N19-39-27W  
 73.90  
 121-36-51W

157.40  
 N26-55-27W

227.47  
 N10-30-27W

102.23  
 N18-12-27W

N88-07-01E  
 251.40

S89-42-30E  
 184.00

S26-7-52E  
 01-82-78.10

S28-39-39E  
 550.04

S28-38-45E  
 300.00

38-13E