

HARNETT DEPARTMENT OF PUBLIC HEALTH PERMIT
TO CONSTRUCT A DRINKING WATER SUPPLY WELL

PIN #: 0671-72-0267.000 Parcel #: 110681 0004 Application #: BRES2107-0056 Subdivision: John Linderman Lot #: 1A

Applicant Name: Linderman Properties LLC
Address: 219 Queensferry Rd. Cary, NC 27511

Type of Facility Served by Well: SFD

Sewage System: 25% Reduction System

Permit Conditions: Hidden Acres Ln. (Sheriff Johnson Road - SR 1516)

General Permit Conditions:

- Drinking water supply well construction must meet 15A NCAC 02C.100 rules
- The permitted drinking water supply well shall be located in accordance with the **SITE PLAN**
- **ANY ALTERATION** of the site of the site (including location of structures and appurtenance) or modification in use of the well, may subject this Permit to revocation

Authorized State Agent [Signature] Date 09/20/2021

Grouting Inspection Witnessed _____ Date _____
 Grouting self-certified by driller GW-1 provided? Yes No

See attachment for construction sketch

WELL CERTIFICATE OF COMPLETION

Date: _____ Application #: BRES2107-0056 Well Contractor: _____

Applicant Name: Linderman Properties LLC
Address: 219 Queensferry Rd. Cary, NC 27511
Directions to Site: Hidden Acres Ln. (Sheriff Johnson Road - SR 1516)
SEE GW-1 FORM

Use of Well: _____ Date Drilled: _____ Total Depth: _____ Replacement Well? Yes No
Static Water Level: _____ Top of Casing is _____ in. above surface. Yield: _____ gpm at _____ ft.
Disinfection: Type _____ Amount _____

Water Zone (depth)	Casing	Grout
From _____ To _____	From _____ To _____	From <u>0</u> To _____
From _____ To _____	Diameter: _____ Material: _____ Thickness: _____	Material: _____ Method: _____
From _____ To _____	From _____ To _____	From _____ To _____
	Diameter: _____ Material: _____ Thickness: _____	Material: _____ Method: _____
	From _____ To _____	From _____ To _____
	Diameter: _____ Material: _____ Thickness: _____	Material: _____ Method: _____

Inspector: _____ On Hold Date: _____ Release Date: _____

Remarks: _____

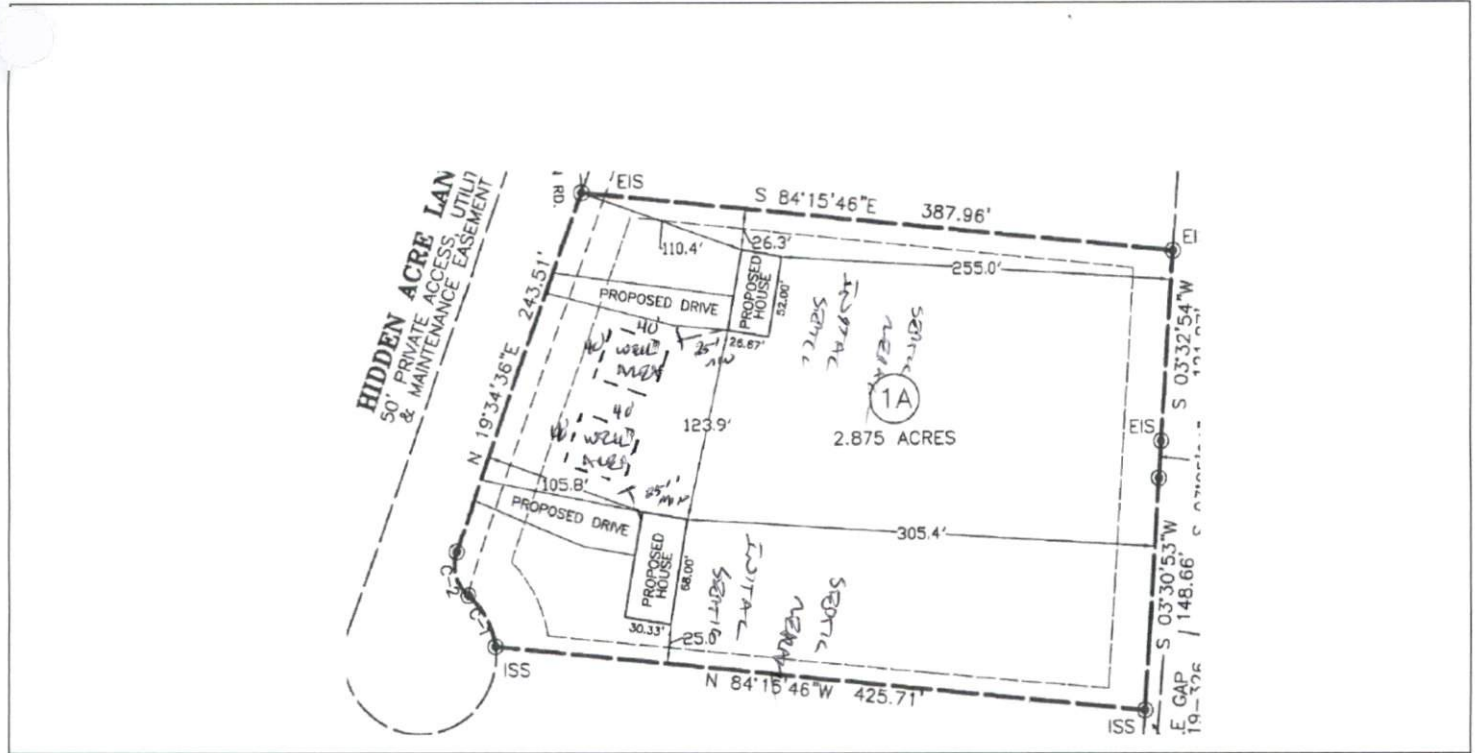
Well Head Information
Casing Height: 12in (above finished grade) Access Port: Vent Stack:
Well ID Tag: Pump ID Tag: Sampling Tap: Backflow Preventer: _____
Sample Taken? Yes No Well Head properly sealed:

Remarks: DETERMINED FOR POWER

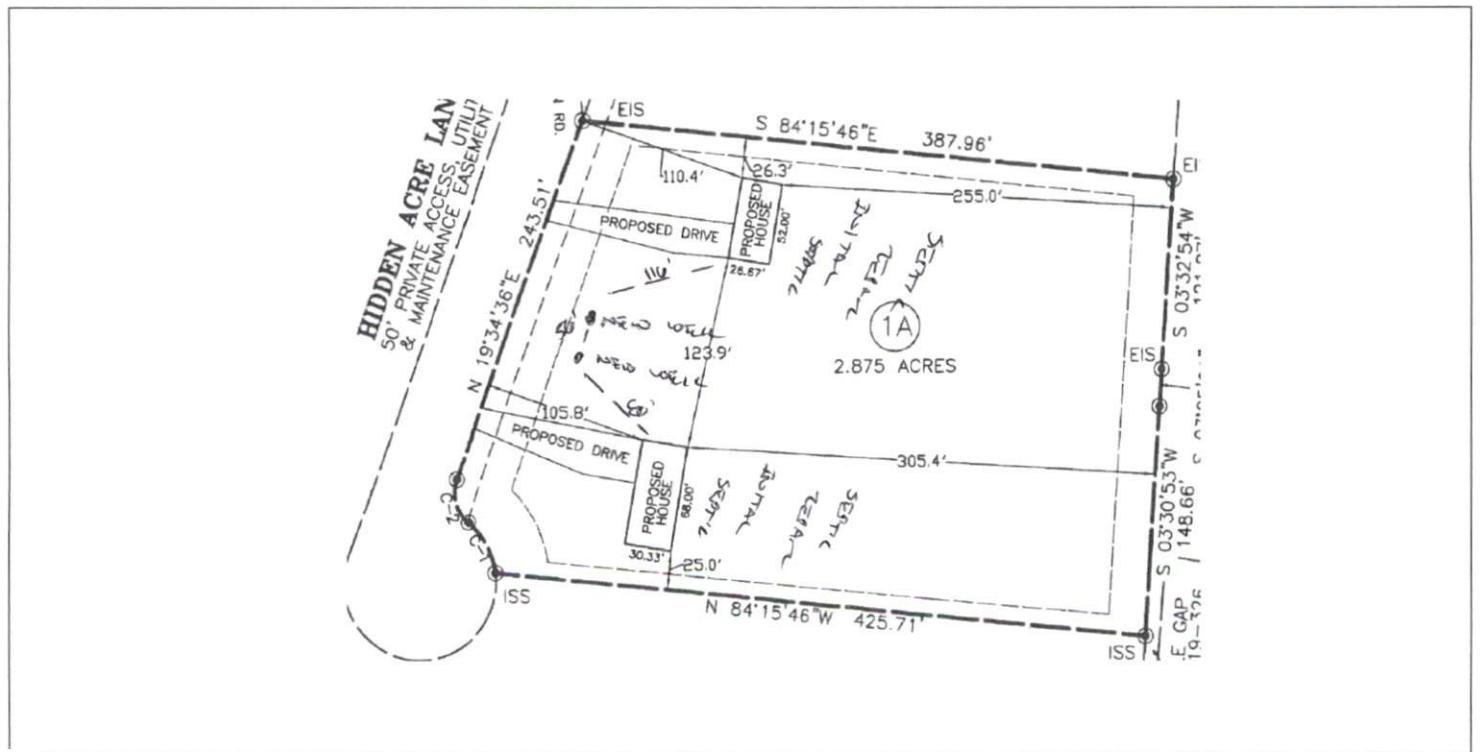
Authorized State Agent [Signature] Date _____

See Attachment for completion sketch

Well Construction Sketch



I Completion Sketch



WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

John H. Boyette Jr.

Well Contractor Name

2505

NC Well Contractor Certification Number

Boyette Well & Septic Inc.

Company Name

2. Well Construction Permit #: BRE2107-0056

List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.)

3. Well Use (check well use):

Water Supply Well:

Agricultural Municipal/Public

Geothermal (Heating/Cooling Supply) Residential Water Supply (single)

Industrial/Commercial Residential Water Supply (shared)

Irrigation Wells > 100,000 GPD

Non-Water Supply Well:

Monitoring Recovery

Injection Well:

Aquifer Recharge Groundwater Remediation

Aquifer Storage and Recovery Salinity Barrier

Aquifer Test Stormwater Drainage

Experimental Technology Subsidence Control

Geothermal (Closed Loop) Tracer

Geothermal (Heating/Cooling Return) Other (explain under #21 Remarks)

4. Date Well(s) Completed: 10-25-21 Well ID#

5a. Well Location:

Linderman Prop.
 Facility/Owner Name Facility ID# (if applicable)
 185 Hidden Acre Ln, Lillington
 Physical Address, City, and Zip
 Harnett
 County Parcel Identification No. (PIN)

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees: (if well field, one lat/long is sufficient)

35.430857 N -78.741044 W

6. Is(are) the well(s): Permanent or Temporary

7. Is this a repair to an existing well: Yes or No

If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: 1

9. Total well depth below land surface: 185 (ft.)

10. Static water level below top of casing: 20 (ft.)

11. Borehole diameter: 6.25 (in.)

12. Well construction method: air rotary

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) 25 Method of test: flow

13b. Disinfection type: HTH Amount: 16 oz.

For Internal Use Only:

14. WATER ZONES

FROM	TO	DESCRIPTION
140 ft.	143 ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
+1.5 ft.	91 ft.	6.25 in.	SDR21	PVC
91 ft.	91 ft.	6.25 in.	.188	Galv. steel

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	25 ft.	bentonite	pumped

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
0 ft.	25 ft.	clay
25 ft.	35 ft.	sand
35 ft.	85 ft.	sandstone
85 ft.	185 ft.	dolomite

21. REMARKS:

22. Certification: John Boyette 11-3-21
 Signature of Certified Well Contractor Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAG 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details: You may use the back of this page to provide additional well construction info (add 'See Over' in Remarks Box). You may also attach additional pages if necessary.

24. SUBMITTAL INSTRUCTIONS Submit this GW-1 within 30 days of well completion per the following:

24a. For All Wells: Original form to Division of Water Resources (DWR), Information Processing Unit, 1617 MSC, Raleigh, NC 27699-1617

24b. For Injection Wells: Copy to DWR, Underground Injection Control (IUC) Program, 1636 MSC, Raleigh, NC 27699-1636

24c. For Water Supply and Open-Loop Geothermal Return Wells: Copy to the county environmental health department of the county where installed

24d. For Water Wells producing over 100,000 GPD: Copy to DWR, CCPCUA Permit Program, 1611 MSC, Raleigh, NC 27699-1611