

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

PIN #: 1600-27-3108.000

Parcel #:

Application #: SFD2501-0106

Subdivision:

Lot #: TR#3

Applicant Name: STS CONSTRUCTION, LLC

Address: 280 EBENEZER CHURCH RD COATS, NC 27521

Type of Facility Served by Well: SFD 73' x 60'

Sewage System: Septic

Permit Conditions: Well to be drilled in Well Area

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] REHS

Date 3-20-25

Expiration Date 3-20-30

* Construction Authorization Expires within five years of issue

Grouting Inspection Witnessed

☐ Grouting self-certified by driller

GW-1 provided? ☒ Yes ☐ No

Date

See attachment for construction sketch

WELL CERTIFICATE OF COMPLETION

Date:

Application #: SFD2501-0106

Well Contractor: _____

Applicant Name: STS CONSTRUCTION, LLC

Address: 280 EBENEZER CHURCH RD COATS, NC 27521

Directions to Site: _____

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)

From _____ To _____

From _____ To _____

From _____ To _____

Casing

From _____ To _____

Diameter: _____ Material: _____ Thickness: _____

From _____ To _____

Diameter: _____ Material: _____ Thickness: _____

From _____ To _____

Diameter: _____ Material: _____ Thickness: _____

Grout

From _____ To _____

Material: _____ Method: _____

From _____ To _____

Material: _____ Method: _____

From _____ To _____

Material: _____ Method: _____

Inspector: _____

On Hold Date: _____

Release Date: _____

Remarks: _____

Well Head Information

Casing Height: 2 1/2 (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: _____

Authorized State Agent

[Signature] REHS

Date 10-6-25

See Attachment for completion sketch

Application #:

SFD2501-0106

Applicant Name:

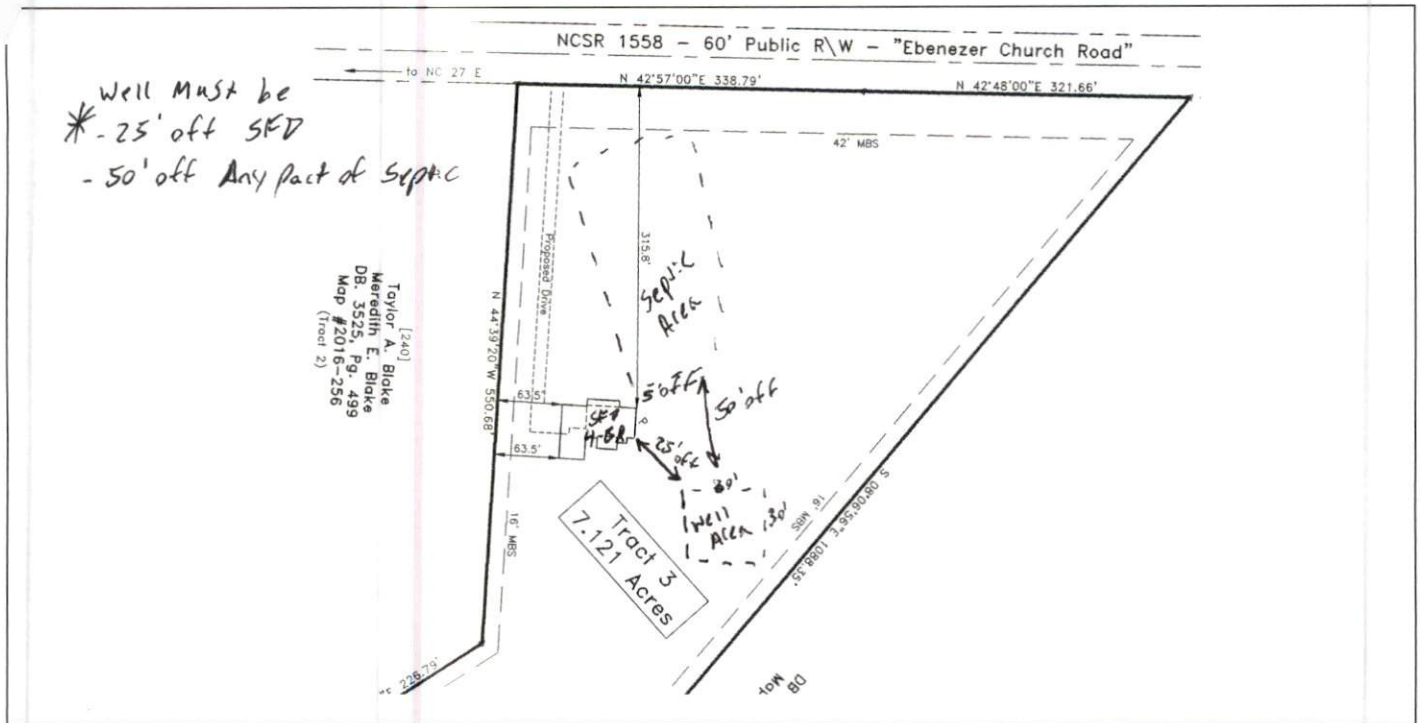
STS CONSTR

Subdivision:

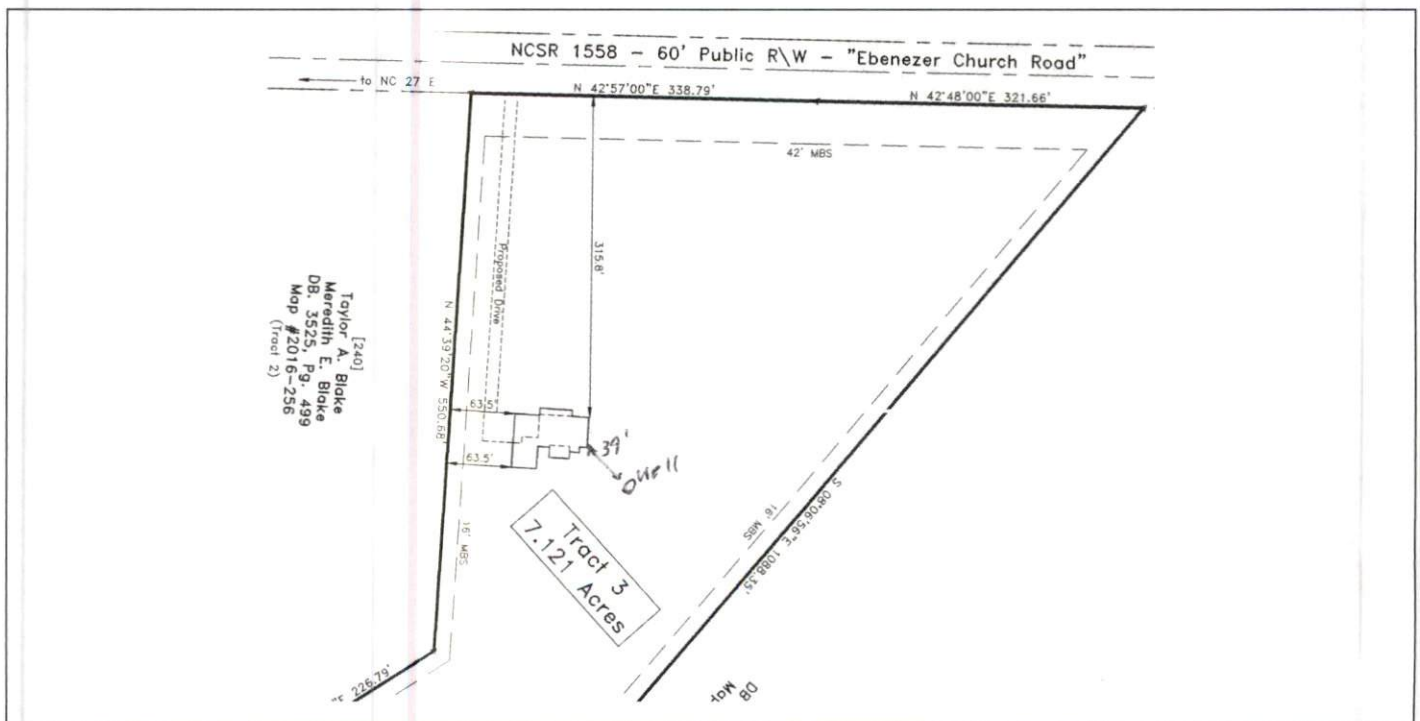
Lot #:

TR#3

Well Construction Sketch



Well Completion Sketch



WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Mark S. Paradise

Well Contractor Name

4533-A

NC Well Contractor Certification Number

Barefoot's Well Drilling & Pump Service, LLC

Company Name

2. Well Construction Permit #: SFD2501-0106

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

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: 8/15/25 Well ID#

5a. Well Location:

Facility/Owner Name

280 Ebenezer Ch Rd, Coats NC

Facility ID# (if applicable)

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)

35.418722 - 78.657191 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:

9. Total well depth below land surface: 225 (ft.)
 For multiple wells list all depths if different (example: 3@200' and 2@100')

10. Static water level below top of casing: 50 (ft.)
 If water level is above casing, use "-"

11. Borehole diameter: 3 (in.)

12. Well construction method: Rotary Drill
 (i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm): 8 Method of test: Air Lift

13b. Disinfection type: Chlorine Amount: 10.02

For Internal Use Only:

14. WATER ZONES

FROM	TO	DESCRIPTION
195 ft.	225 ft.	Small water veins

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
+1 ft.	96 ft.	6 in.	Sch 40	Galv.

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

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

17. SCREEN

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

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	25 ft.	Bentonite	
ft.	ft.		
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
ft.	ft.		
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
0 ft.	50 ft.	Sand mix
50 ft.	75 ft.	Clay
75 ft.	96 ft.	Rock - Hard Slate
96 ft.	175 ft.	Rock
175 ft.	195 ft.	Rock
195 ft.	225 ft.	Rock/Quartz

21. REMARKS

22. Certification:

Signature of Certified Well Contractor: Mark Paradise Date: 8/15/25

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 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 site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTRUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
 1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells: In addition to sending the form to the address in 24a above, also submit one copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection
 1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells: In addition to the address(es) above, also submit one copy of this form to the county health department where constructed.