

Improvement Permit for Wastewater Systems
Article II - Chapter 130A of the NC General Statutes
CHATHAM COUNTY PUBLIC HEALTH DEPARTMENT
DIVISION OF ENVIRONMENTAL HEALTH
80 EAST ST., P.O. BOX 130 - PITTSBORO, NC 27312-0130
PHONE 919-542-8208 / FAX 919-542-8288
www.chathamnc.org/environmentalhealth

NEW

Owner: NNP BRIAR CHAPEL LLC
911 Address: 0 MANNS CHAPEL RD
Parcel Number: 2617

Name/Subdivision Name:

An Improvement Permit is issued to NNP BRIAR CHAPEL LLC for a 3.683 acre site located at TBA Great Ridge Parkway in Chatham County. It is specifically issued for the following facility:

Facility: Commercial - Fire Department

Number of Bedrooms:	4	Max Number of Occupants:	8
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Type of Wastewater: Residential

Initial System Type:	II	Description:	Accepted
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Type of System: Shallow accepted

Design Flow:	480 EGPD	Application Rate:	0.3 GPD/ft
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Size Tank(s) with Risers and Effluent Filter:	ST 1000 Ga	PT Gal
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Nitrification Line:	Length 400	Width: 3 ft	Max Depth: 18 in
(on Contour in approved septic area; sch. 40 PVC required over step-downs)			

Repair System Type: Shallow accepted

Special Conditions:

A plat with site plan showing specific location of the facility, the site of the proposed wastewater system, existing buildings, property lines, water supplies, surface waters, the conditions for any site modifications; and any other information required by the department must be attached to be valid. Septic tank riser 6" above grade required over outlet access port as a visible marker for the septic tank. Solid PVC with elbows must be used to construct conveyance over dams and stepdowns.

This permit is valid without expiration but is subject to revocation if the site is altered, soil disturbed, set-backs violated, or the plans of intended use are changed.

The Improvement Permit shall not be affected by change in ownership.

A Construction Authorization must be obtained from this department before installation.

THIS IS NOT AN AUTHORIZATION TO INSTALL.

Issued by: Thomas J. Baye R.S. NC Registration #: 1353 Date: 6-5-13

Registered Environmental Health Specialist

— R/W

— existing nail found
at disturbed 1/2" EIP

"53'36" E
.61' (tie)

<u>CURVE</u>	<u>RADIUS</u>	<u>ARC LENGTH</u>	<u>CHORD LENGTH</u>	<u>CHORD BEARING</u>	<u>DELTA ANGLE</u>
C1	2030.00'	213.74'	213.64'	N 02°23'34" E	06°01'58"
C2	25.00'	39.12'	35.25'	N 44°12'36" E	89°40'02"

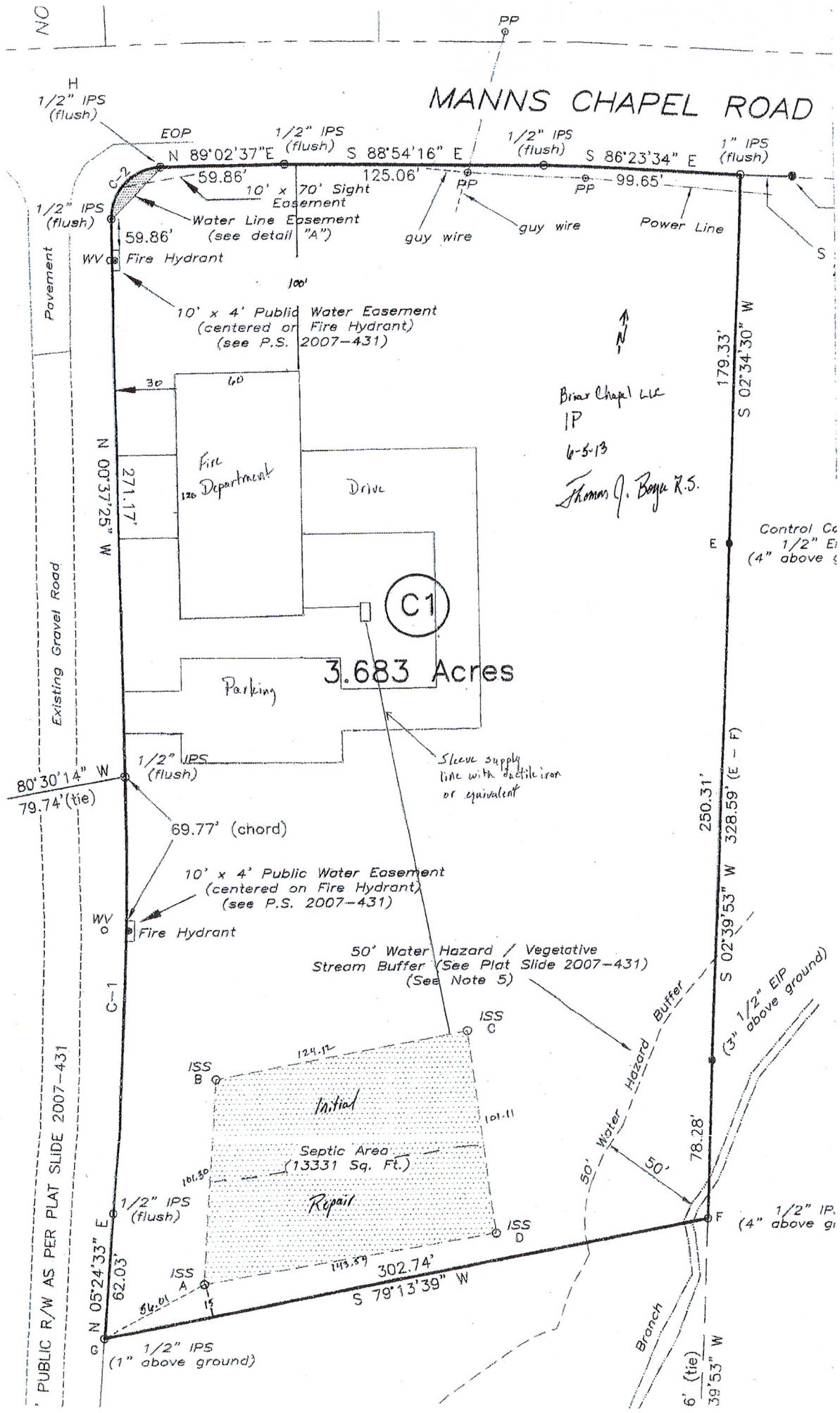
<u>LINE</u>	<u>BEARING</u>	<u>DISTANCE</u>
G - A	N 62°09'33" E	56.01' (tie)
A - B	N 04°05'33" E	101.30'
B - C	N 79°24'20" E	124.12'
C - D	S 07°01'35" E	101.11'
D - A	S 80°34'31" W	143.54'

ter

ound)

MORIAH R. McCALL

D.B. 1080 PG. 761
P.B. 24 PG. 64



MANN'S CHAPEL ROAD

NO

H
1/2" IPS
(flush)

EOP

1/2" IPS
(flush)

1/2" IPS
(flush)

1" IPS
(flush)

1/2" IPS
(flush)

Fire Hydrant

Water Line Easement
(see detail "A")

guy wire

Power Line

Pavement

10' x 4' Public Water Easement
(centered on Fire Hydrant)
(see P.S. 2007-431)

Brian Chapel LLC
IP

6-5-13

Thomas J. Boyer R.S.

Existing Gravel Road

N 00°37'25" W

Fire Department

Drive

C1

3.683 Acres

Parking

Control Co
1/2" EIP
(4" above s)

80°30'14" W
79.74' (tie)

1/2" IPS
(flush)

69.77' (chord)

10' x 4' Public Water Easement
(centered on Fire Hydrant)
(see P.S. 2007-431)

Fire Hydrant

Sleeve supply
line with ductile iron
or equivalent

50' Water Hazard / Vegetative
Stream Buffer (See Plat Slide 2007-431)
(See Note 5)

PUBLIC R/W AS PER PLAT SLIDE 2007-431

N 05°24'33" E
62.03'

ISS B

124.12

Initial

101.50

Septic Area
(13331 Sq. Ft.)

Repair

1/2" IPS
(flush)

ISS C

101.11

50' Water Hazard Buffer

3" 1/2" EIP
above ground)

ISS A

54.01

143.59

302.74'

ISS D

1/2" IP.
(4" above g)

1/2" IPS
(1" above ground)

S 79°13'39" W

50'

78.28'

Branch

6' (tie)
39'53" W

250.31'

S 02°39'53" W 328.59' (E-F)

179.33'

S 02°34'30" W

E

250.31'

S 02°39'53" W 328.59' (E-F)

6' (tie)
39'53" W



PERMIT APPLICATION FORM

CHATHAM COUNTY PUBLIC HEALTH DEPARTMENT
DIVISION OF ENVIRONMENTAL HEALTH
80 EAST ST, P.O. BOX 130 • PITTSBORO, NC 27312-0130
PHONE 919-542-8208 • FAX 919-542-8288
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Wed. Thursday 4/25/12 @ 2pm

OFFICE USE ONLY
Receipt #: 12-634
Initials: MHA: bhlc
Date Rec'd: 4/23/12
Ck# Cash CC VISA
Amt. Rec'd: 330.00
REHS: J. G. Gray v [X]
TSP

NOTE: Do not fill in amounts, just check type of permit.

- [X] Improvement Permit \$ 330.00
Valid for 60 months from date of issue
[] Well Permit \$
Valid for 60 months from date issued
[] Improvement Permit \$
Perpetual plat 1"=60' required within 30 days of site approval
[] Well Re-Site Permit \$
[] OP Revision \$
[] Well Repair/Abandonment \$
[] Construction Authorization \$
[] Septic Repair Permit \$

Applicant: Mark Biggsbee Owner: Briar Chapel LLC
Mailing Address: 45 Morris Road Mailing Address:
City: Pittsboro State: NC Zip: 27312 City: State: Zip:
Cell Phone: 919-548-3099 Home Phone: 919-837-5669 Cell Phone: Home Phone:
E-Mail Address: pyroz@bellsouth.net E-Mail Address:
Property Address: Great City: Chapel Hill State: NC Zip: 27516
Tax Parcel#: 26017 Acres(Existing): 3.4 Acres(Proposed): Subdivision: Briar Chapel Lot#:
Directions to Property: Take 15-501 N to Manns Chp Rd - Turn Lt and go to

Great Ridge Pkwy on Lt. Property is on Residential
[] New Single Family Residence Maximum number of bedrooms
[] Expand or Alter Existing Septic System Basement with plumbing fixtures? Yes [] No []
[] Repair to Existing Septic System Other structures with plumbing fixtures? Yes [] No []
[] Garage [] Shop [] Barn [] Other

List fixtures in basement & other structures:
Non-Residential
Please describe the business, its plumbing fixtures, number of employees, square footage, number of seats etc. Use attachment if needed. Fire Station - 4 employees (24/7)

Water: For New Construction, Chatham Co. Water requires connection to county water if available to your property
[] New Well [] Existing Well [] Community Well [X] Public Water

Construction Authorization
Type of septic system requested: [] Type listed on IP [] Other

The Applicant shall notify the local health department upon submittal of this application if any of the following apply to the property in question.
If the answer to any question is "yes" applicant must attach supporting documentation.
Are there any easements or right of ways on this property? Yes [] No [X]
Is the site located in any designated wetlands? Yes [] No [X]
Is any wastewater going to be generated on the site other than domestic sewage? Yes [] No [X]
Is the site subject to approval by any other public agency? Yes [] No [X]

I have read the application and certify that the information provided therein is true, complete and correct. I authorize county and state officials right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. If the information in the application is falsified, changed or the site is altered then the Permit shall be invalid, I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed.
The issuance of a permit in no way guarantees the approval of other permits (i.e. Building Permits, etc.)

SIGNATURE: Mark Biggsbee DATE: 4-23-12
Property owner's or owner's legal representative** signature (Required)

** Must provide documentation to support claim as owner's legal representative Revised 4/10



Chatham County Sustainable Communities Department & Chatham County Public Health Department

AUTHORIZED AGENT FOR LEGAL REPRESENTATION FORM

PROPERTY LEGAL DESCRIPTION:

LOT NO. _____ PARCEL ID (PIN) AKPAR-2617 (portion) PARCEL SIZE ~ 3 Ac.

STREET ADDRESS: BEAR CHAPEL COMMUNITY

Property @ GREAT RIDGE PKWY @ MATH'S CHAPEL ROAD
SOUTHEAST CORNER OF INTERSECTION

Please print:

Property Owner: NLP-BEAR CHAPEL, LLC

Property Owner: _____

The undersigned, registered property owner(s) of the above noted property, do hereby authorize

CHATHAM COUNTY HEALTH DEPARTMENT
~~_____~~, of ~~BEAR CHAPEL~~
(Contractor / Agent) (Name of consulting firm if applicable)

to act on my behalf and take all actions necessary for the processing, issuance and acceptance of reviews, inspections, or permits and any and all standard and special conditions attached to these approvals. The activities authorized include the following (initial all that apply):

- _____ Building Permit
- _____ Zoning Compliance Permits
- _____ Floodplain Determination
- _____ Soil Erosion & Sedimentation Control Permit
- WAM Permits to install, repair, evaluate, or expand onsite wastewater system(s)
- WAM Evaluation/inspection/permitting of a private drinking water well(s).
- _____ Riparian Buffer Review pursuant to §304 of the Chatham Co. Watershed Protection Ordinance.
- _____ Other: _____

Property Owner's Address (if different than property above):

162 KINDY KNOW CIRCLE CHAPEL HILL NC 27516

Telephone: 919-951-0700

E-mail: BHUMFORD@NEWLANDCO.COM

We hereby certify the above information submitted in this application is true and accurate to the best of our knowledge.

[Signature]
Owner Authorized Signature

Agent Authorized Signature

Date: 4-18-2012

Date: _____

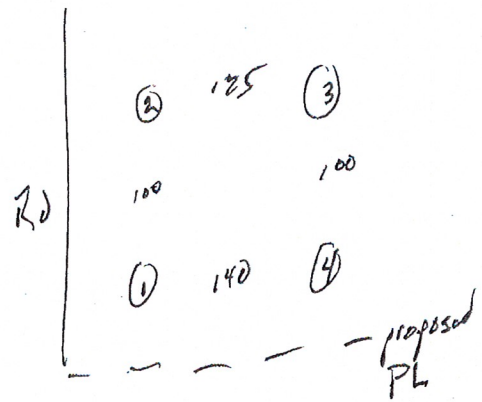
Brier Chapel VFD

PROFILE #	1940 LANDSCP POS./ SLOPE %	HORIZON DEPTH (IN.)	1941			
			(a)(1) TEXTURE	(a)(2) STRUCTURE	(a)(3) MINERALOGY	
1	LS 6.9/0	0-24	SL	lgr	ns np sc	.1942 WETNESS CONDITION - -
		24-30	scu	fr mmsbk	ss sp sc	.1943/1956 SAPROLITE - -
		30	rock			.1944 RESTRICTIVE HORIZON - -
						.1948 PROFILE CLASSIFICATION - PS
						PROFILE LTAR - .3
2		0-18	SL	lgr	ns np sc	.1942 WETNESS CONDITION - -
		18-30	SC	fr mmsbk	sp sc	.1943/1956 SAPROLITE - 30
						.1944 RESTRICTIVE HORIZON - -
						.1948 PROFILE CLASSIFICATION - PS
						PROFILE LTAR - .3
3		0-20	SL	lgr	ns np sc	.1942 WETNESS CONDITION - -
		20-28	scu	fr mmsbk	ss sp sc	.1943/1956 SAPROLITE - -
		28-36	SC	fr mmsbk	sp sc	.1944 RESTRICTIVE HORIZON - -
						.1948 PROFILE CLASSIFICATION - PS
						PROFILE LTAR - .3
4	V	0-16	SL	lgr	ns np sc	.1942 WETNESS CONDITION - -
		16-24	SLC	fr mmsbk	ss sp sc	.1943/1956 SAPROLITE - -
		rock				.1944 RESTRICTIVE HORIZON - -
						.1948 PROFILE CLASSIFICATION - PS
						PROFILE LTAR - .3
5						.1942 WETNESS CONDITION - -
						.1943/1956 SAPROLITE - -
						.1944 RESTRICTIVE HORIZON - -
						.1948 PROFILE CLASSIFICATION - -
						PROFILE LTAR - -

AVAILABLE SPACE (.1945) PS SITE CLASSIFICATION (.1948) PS SITE LONG-TERM ACCEPTANCE RATE .3
 OTHER FACTORS (.1948) PS SYSTEM TYPE IL X 2
 EVALUATED BY: TJB OTHER(S) PRESENT: _____ DATE EVALUATED: 4-25-72
 COMMENTS: _____

LEGEND

- | | | |
|---------------------------|------------------------------|--------------------------|
| LANDSCAPE POSITION | TEXTURE | CONSISTENCE MOIST |
| R - Ridge | S - Sand | VFR - Very Friable |
| S - Shoulder Slope | LS - Loamy Sand | FR - Friable |
| L - Linear Slope | SL - Sandy Loam | FI - Firm |
| FS - Fool Slope | L - Loam | VFI - Very Firm |
| N - Nose Slope | SI - Silt | EFI - Extremely Firm |
| H - Head Slope | SIL - Silt Loam | |
| CC - Concave Slope | SICL - Silty Clay Loam | WET |
| CV - Convex Slope | CL - Clay Loam | NS - Non-Sticky |
| T - Terrace | SCI - Sandy Clay Loam | SS - Slightly Sticky |
| FP - Flood Plain | SC - Sandy Clay | S - Sticky |
| | SIC - Silty Clay | VS - Very Sticky |
| | C - Clay | NP - Non-Plastic |
| STRUCTURE | MINERALOGY | SP - Slightly Plastic |
| SG - Single Grain | SE - Slightly Expansive (PS) | P - Plastic |
| M - Massive | E - Expansive (U) | VP - Very Plastic |
| CR - Crumb | | |
| GR - Granular | | |
| SBK - Subangular Blocky | | |
| ABK - Angular Blocky | | |
| PL - Platy | | |
| PR - Prismatic | | |

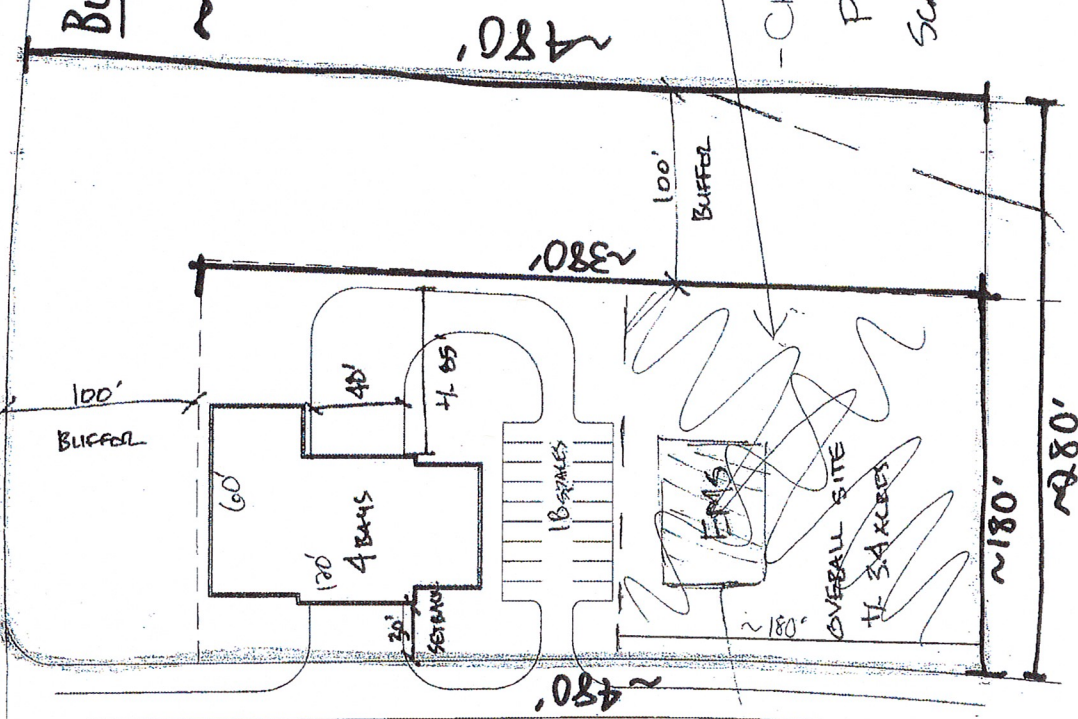


MANN'S CHAPEL ROAD - S.R. 1532
EXISTING 60' PUBLIC R/W

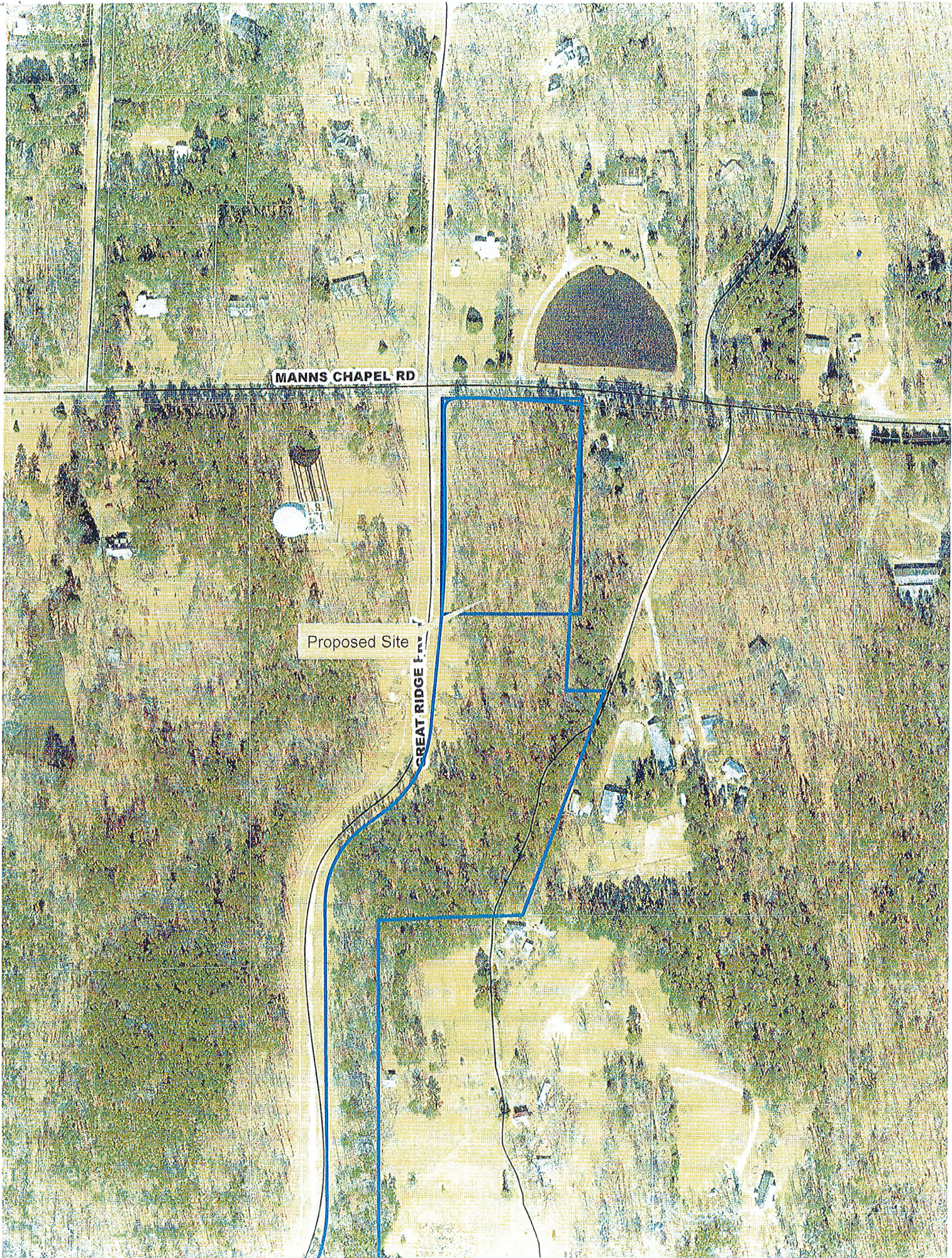
BUILDABLE AREA
(OUTSIDE BUFFERS)

~380' x ~180'
~68,400 Sq. FT.
~1.57 AC.

PRIMARY SEPTIC
AREA - CHECK FIRST
LAST
- Check AREAS IN BUFFERS
PLOT ON 11'x17'
SCALE = 1" = 60'



COULD ADD
EMIS SITE
OR INCORPORATE
INTO STATION



MANN'S CHAPEL RD

Proposed Site

GREAT RIDGE FLY