

11-30

fox 556-7855

**Franklin County Health Department
Environmental Health Section
107 Industrial Drive-Suite C
Louisburg, North Carolina 27549**

PAGE 1 OF 2

Phone: 919-496-8100

Fax: 919-496-8136

Permit Number: 3158 Type: I PIN: 1861-36-7555 Date: 12/20/2006

Applicant: DENMARK CONSTRUCTION INC Owner: DENMARK CONSTRUCTION INC
416 US HWY 1 STE B 416 US HWY 1 STE B
YOUNGSVILLE, NC 27596 YOUNGSVILLE, NC 27596

Telephone: (919) 556-9007 Telephone: (919) 556-9007

Subdivision: RIVERS EDGE Lot Number: 25 Size: 2.120

Physical Address/ Location /Directions 110 RIVER CLUB WAY

Description: LifeTime _____ 5 Year ✓

TYPE FACIL RES # EMPLOY _____ # BEDRMS 4 GPD 480 LTAR 24

TYPE WAT Priv TYPE SYS PtoA TYPE REP PtoA BSMT No BST FX N/A

SIZE TANK 1000 SIZE CHB 1000 SIZE NTR 3'x490' MTD 24"

COMMENTS Pump to Mon. Rd. Install system as designed by
Soil Scientist

Septic Contractors are responsible for notifying the health department for final inspections, between 8:00-9:00 AM on the day of completion, Monday - Friday. Any request for final inspections received afterwards will be scheduled the same day, if possible, or the next workday. Have permit number and owner/applicant's name ready when making the call.

Actions of representatives of state or local agencies engaged in the evaluation and determination of measures required to effect the compliance with the provisions of this permit shall in no way be taken as a guarantee that wastewater disposal systems permitted and approved 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 may be caused, by a malfunction of this wastewater treatment and disposal system.

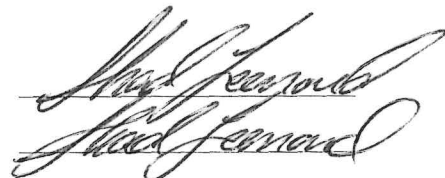
Proper precautions must be taken to assure the proper functioning of the system after it has been covered. Do not run any heavy equipment over the system, as soft earth will allow damage to the tank and lines. Pipe all roof drains away from the septic system site to prevent flooding of the lines from surface water. Terrace the ground to prevent excessive drainage from higher areas adjacent to the system. Do not construct driveways over any part of the septic system unless proper provisions were made when the septic system was constructed. Only grass, not trees or shrubbery, should be cultivated over the lines. All plumbing fixtures should be carefully inspected periodically and any problems repaired immediately. All septic tanks should be pumped off by a permitted pump operator on a regular schedule, not to exceed every five years.

The improvement permit and construction authorization is a site approval, for the future installation of a wastewater treatment and disposal system. Changes in ownership of the site do not affect the validity of this permit. However, any alteration of the site or soil conditions, changes in the location of the proposed facility, changes to the wastewater flow and/or characteristics, or submittal of false information with the application or misrepresentation of the property lines may subject this permit to suspension or revocation.

FOR THIS TO BE A VALID CONSTRUCTION AUTHORIZATION, A LAYOUT SHEET MUST BE ATTACHED

IMPROVEMENT PERMIT DATE 3-7-07 EHS

CONSTRUCTION AUTHORIZATION DATE 3-7-07 EHS



Franklin County Health Department

Name: DENMARK CONSTR

Permit Number

3158

CONTRACTOR

James Bailey

TANK MANU

ST Mills 1000
ST Mills 1020

MANU DATE

6-22-07

WELL INSTALLED

YES

X

NO

SYSTEM CODE

*EZ12030W-P***SEPTIC SYSTEM LAYOUT**

(SKETCH SYSTEM LAYOUT HERE)

*See Attached layout & tap chart**J'd Tanks & Lines*
6-28-07
*SEL***SEPTIC SYSTEM AS-BUILT**

(IF DIFFERENT FROM INITIAL LAYOUT)

ON REVERSE

OPERATIONS PERMIT

DATE

9/11/07

EHS



RIVER CLUB WAY
133.42~~PROPOSED~~
DRIVEWAY
LOCATIONPROPOSED
HOUSE
LOCATION

Manifold

#9 Pink 60'
#8 Yellow 100'
#7 Blue 100'
#6 Red 100'
#5 Orange 130'
#4 Pink 140'
#3 Yellow 140'
#2 Blue 140'
#1 Red 80'Den-Mark Construction, Inc.
River's Edge Subdivision
Lot 25
4-Bedroom Layout*Lines may be flagged longer in the
field than the lengths indicated on
site plan.

System: Pressure Manifold
Lines: 5-9, (490')
Accepted Status System
0.25 Soil LTAR
24" Trench Bottom
Repair: Pressure Manifold
Accepted Status System
Lines: 1-4, (500')
0.25 Soil LTAR
15" Trench Bottom

Den-Mark Construction, Inc.
Rivers Edge Subdivision, Lot 25
4-Bedroom Home (480 gal./day)

<u>LINE #</u>	<u>COLOR</u>	<u>BS</u>	<u>HI</u>	<u>FS</u>	<u>ELEVATION</u>	<u>LINE LENGTH</u>	<u>Design Length</u>
TBM		7.3		100.0		<u>in field</u>	<u>installation</u>
INST. 1			107.3				
1	Red			3.3	104	126	80
2	Blue			3.5	103.8	140	140
3	Yellow			4.1	103.2	140	140
4	Pink			4.6	102.7	140	140
5	Orange			5.0	102.3	135	130
6	Red			5.5	101.8	100	100
7	Blue			5.8	101.5	103	100
8	Yellow			6.6	100.7	100	100
9	Pink			7.1	100.2	65	60
Total						1049	990

	<u>System</u> Lines 5-9	<u>Repair</u> Lines 1-4
System Type	Accepted Status System EZ-FLOW	Accepted Status System EZ-FLOW
Suggested Soil LTAR (gal/day/ft ²)	0.25	0.25
System Installation LTAR	0.24	0.24
Total Line Length	490	500
Square Footage	1470	1500
Proposed Trench Bottom	24"	15"

Distribution Method Pressure Manifold Pressure Manifold

Notes: TBM is top of cut tree

Sheet1

Rivers Edge Subdivision, Lot 25 System, Tap Chart

Bench Mark	0.00	Is = 100.00		Location of BM		Elevation Head			9.50
Pump tank elev.		8.5	91.50	Pump elev.	86.50	Manifold elev.			96.00
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
5	Orange	5.00	95.00	130	3/4in SCH 40	12.5	124.28	390	0.3187
6	Red	5.50	94.50	100	3/4in SCH 80	10.1	100.41	300	0.3347
7	Blue	5.8	94.20	100	3/4in SCH 80	10.1	100.41	300	0.3347
8	Yellow	6.60	93.40	100	3/4in SCH 80	10.1	100.41	300	0.3347
9	Pink	7.10	92.90	60	1/2in SCH 80	5.48	54.48	180	0.3027
		total	feet =	490	gal/min =	48.28	<u>LTAR =</u>		0.2500
							<u>LTAR + %5</u>		0.2626
% of Dose Vol.	80			<u>Des. Flow</u>	480			(ltar W/ INOV)	0.3333
Dose Volume	254.80			Pump Run=	9.94			(ltar W/ INOV + 5%	0.3500
Dose Pump Time	5.28			Tank Gal/IN	21				
Drawdown in Inches	12.13								

**Profile Description
Den-Mark Construction
Rivers Edge Subdivision, Lot 25
Franklin County**

<u>Depth</u>	<u>Horizon</u>	<u>Texture</u>	<u>Color</u>	<u>Structure</u>
0-5"	A	Sandy Loam	10 YR 4/6	Granular
5-13"	Bt1	Sandy Clay Loam	10 YR 5/6	SBK
13-29"	Bt2	Sandy Clay Loam	10 YR 5/8 2.5 YR 4/8	SBK
29-44"+	C	Sandy Loam	7.5 YR 7/6	Structureless

Notes: Proposed LTAR is 0.3 gal/day/ft².

Most soil borings in the primary septic area contained >36 inches of suitable soil material. Some borings like the profile description above had suitable saprolite within 36 inches and backhoe pits may be required by the local Health Department.



3158

COUNTY OF FRANKLIN

ENVIRONMENT HEALTH APPLICATION (496-8100)

Permit #: **19727**Permit Type: **SEPTIC PERMIT**Date Issued: **12/19/2006**Project Address: **110 RIVER CLUB WAY, YOUNGSVILLE NC 27596**Location: **110 RIVER CLUB WAY**Size #: **2.120**Subdivision: **RIVER'S EDGE**Lot #: **25**Applicant: **DENMARK CONSTRUCTION INC**
416 US HWY 1 STE B
YOUNGSVILLE NC 27596Phone: **919-556-9007**Owner: **DENMARK CONSTRUCTION**
PO BOX 610
YOUNGSVILLE, NC 27596

Phone:

Tax record: **36679**Pin #: **1861-36-7555**Parcel #: **D07H00 025**Zoned: **R-40**Setbacks Front: **50**Rear: **50**Side: **20**Proposed Use: **SFD**# of bedrooms: **4**# of people: **4**Township: **YOUNGSVILLE** Public Water/Sewer: **PRIVATE**

ST Road #:

Desc:

Fees Due: **\$275.00**Date Paid: **12/19/2006***** Please complete all sections below***☐ Yes ☐ No Does this site contain any previously identified jurisdictional wetlands?☐ Yes ☐ No Is any wastewater, other than domestic, going to be generated?☐ Yes ☐ No Is the site subject to approval by any other public agency?

*If the answer to any of the above is "yes", applicant must submit supporting documentation.

Please indicate desired system type(s). Systems can be ranked in order of preference.

☐ Conventional ☐ Alternative ☐ Innovative ☐ Modified Conventional☐ Other ☐ No Preference

Call Environmental Health (919.496.8100) between 8:00 - 9:00 am Monday - Friday in order to schedule an appointment with an environmental health specialist for your lot evaluation. This application for an improvement permit/construction authorization does not constitute approval for zoning, septic or building permits. It will be necessary to meet all guidelines for zoning, septic and building permits prior to construction. The permit is valid for either 60 months or without expiration, depending upon documentation submitted. (complete site plan=60 months---complete surveyed plat=without expiration.)

I hereby certify that I am the owner, or authorized by the owner to act as his/her legal representation. Furthermore, as legal representative (if applicable) I have advised the owner of my intention to apply for this wastewater treatment and disposal system.

I also certify that all of the statements made in this application and any attached documents are true, complete, and correct, to the best of my knowledge and belief, and are made in good faith. If information in application for improvement permit is falsified, changed or site is altered, then improvement permit and authorization to construct shall become invalid. Authorized county representatives are granted right of entry to make evaluations or inspections, and to release information upon public request.

X**12/19/2006****Print & Signature of Owner or Owner's Legal Representative**

Franklin County DRC Application

RESIDENTIAL



Zoning Permit #: 11797

ADDRESS: 110 RIVER CLUB WAY

PARCEL NO.: 1861-36-7555

ZONING: R-40

SUBDIVISION: RIVER'S EDGE

LOT: 25

ISSUED TO: DENMARK CONSTRUCTION INC

416 US HWY 1 STE B

YOUNGSVILLE NC 27596

PHONE NUMBER: 919-556-9007

SETBACK: FRONT: 50

RIGHT: 20

LEFT: 20

REAR: 50

COUNTY WATER: NO

FLOODPLAIN: NO

MISC FEE:

PERMIT TYPE: ZONING PERMIT

TYPE OF CONSTRUCTION: SFD-NEW SEPTIC

PERMIT DATE: 12/19/2006

WATERSHED WS IV

TOWNSHIP YNGS

EXPIRE DATE: 09/19/2007

It is hereby certified that the above use as shown on the plats and plans submitted with this application conforms with all applicable provisions of the Franklin County Zoning Ordinance. The issuance of this application does not allow the violation of Franklin County Zoning Ordinance or other governing regulations. The applicant is responsible for obtaining a building permit (if required) prior to commencing work on the proposed improvement. A final zoning inspection must be scheduled by the applicant.

NOTES:

I hereby certify that all information I have provided to the Planning Department is true and accurate.

APPLICANTS SIGNATURE:

UTILITY COMPANY: PROGRESS ENERGY WAKE ELECTRIC OTHER

NUMBER OF STORIES: 1 _____ 1 1/2 _____ 2 _____ 2 1/2 _____

SQUARE FOOTAGE: HEATED _____ UNHEATED _____ TOTAL _____

BASEMENT: YES _____ NO _____

FIREPLACE: NO _____ MASONRY _____ MANUFACTURED _____

PLAN SETS: MODULAR _____ STICKBUILT _____

NAME OF:

ELECTRICIAN: _____ MECHANICAL: _____

PLUMBING: _____

COST OF CONSTRUCTION: _____

NO MORE THAN 2 STRUCTURAL DEVIATIONS OR PLANS MUST BE REDRAWN

DEPARTMENTAL USE ONLY

	INITIALS (IN)	DATE	INITIALS (OUT)	DATE
ZONING	JIR	12/19/06		
INITIAL PERMITTING				
ADDRESSING				
PLAN REVIEW				
FIRE REVIEW				
SEPTIC/SEWER				
FINAL PERMITTING				

PRELIMINARY PLOT PLAN FOR

DENMARK CONSTRUCTION

LOT 25, RIVER'S EDGE SUBDIVISION, PH. I

RIVER CLUB WAY

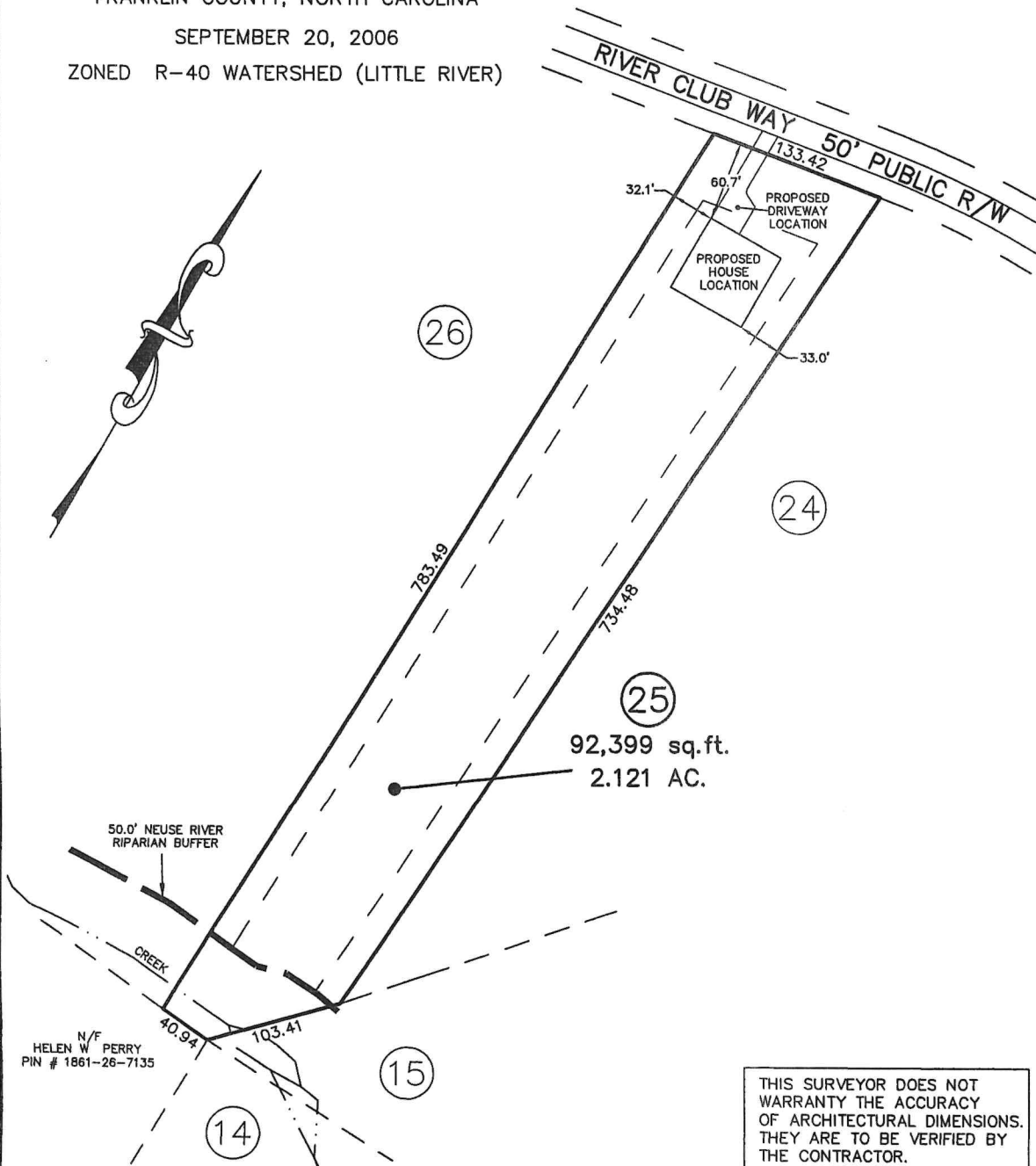
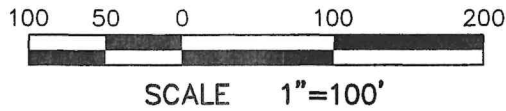
M.B. 2003, PAGE 310-C

YOUNGSVILLE TOWNSHIP

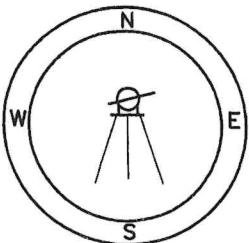
FRANKLIN COUNTY, NORTH CAROLINA

SEPTEMBER 20, 2006

ZONED R-40 WATERSHED (LITTLE RIVER)



THIS SURVEYOR DOES NOT
WARRANTY THE ACCURACY
OF ARCHITECTURAL DIMENSIONS.
THEY ARE TO BE VERIFIED BY
THE CONTRACTOR.



**CAWTHORNE, MOSS
& PANCIERA, P.C.**

Professional Land Surveyors

333 S. White Street
Post Office Box 1253
Wake Forest, N.C. 27588
(919)556-3148

NOTES:

-THIS PLAN DOES NOT REFLECT AN
ACTUAL SURVEY. IT IS A PRELIMINARY
PLAN AND SHOULD BE USED FOR ITS
INTENDED PURPOSE ONLY.
-NOT FOR RECORDATION, CONVEYANCES,
OR SALES.