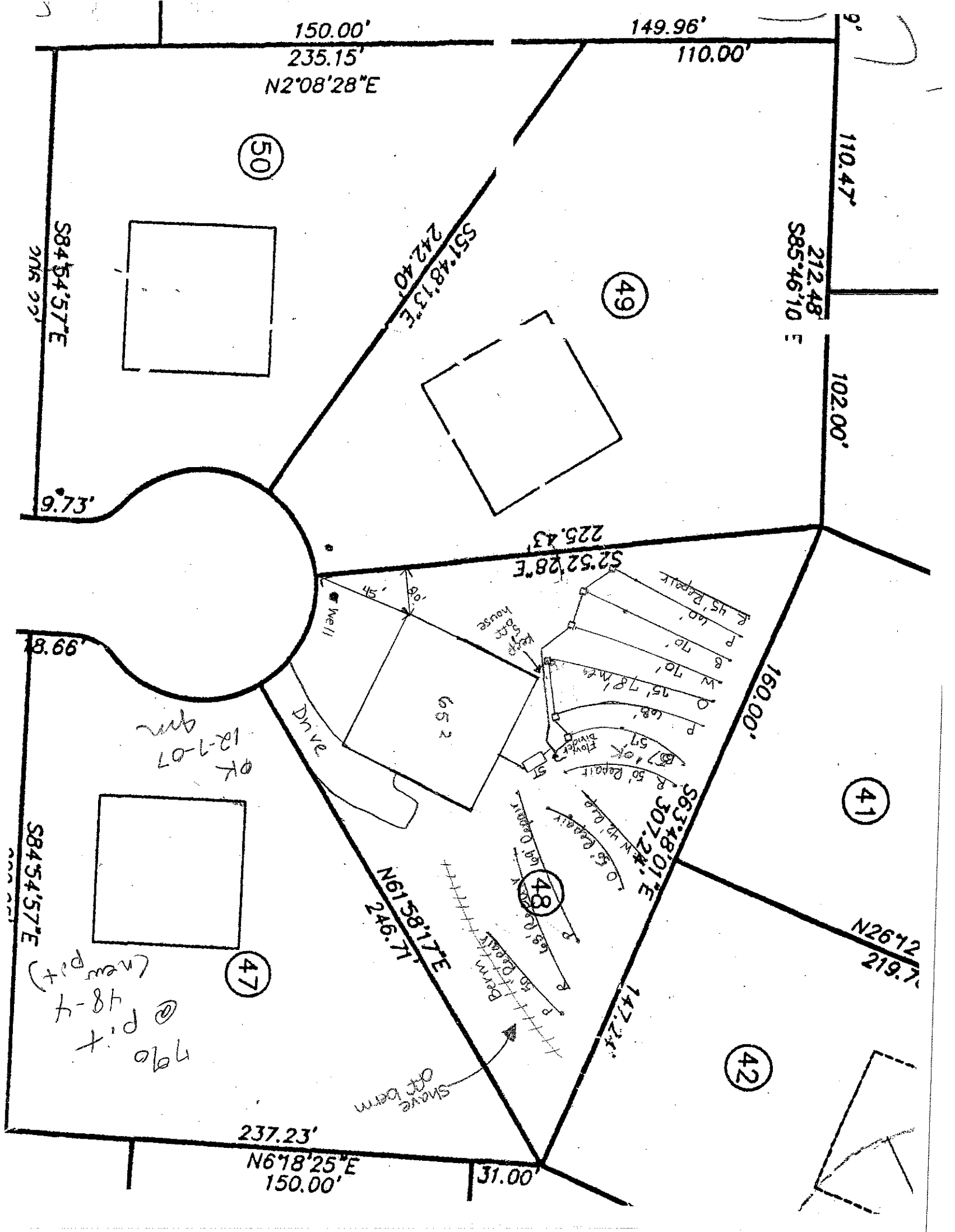

150.00'
235.15'
N2°08'28"E
149.96'
110.00'
110.47'
S85°46'10"E
212.48'
102.00'
160.00'
S63°48'01"E
307.24'
N26°12
219.7'
147.24'
S84°54'57"E
396.77'
S51°48'13"E
242.40'
S2°52'28"E
225.43'
9.73'
18.66'
N61°58'17"E
246.71'
237.23'
N6°18'25"E
150.00'
31.00'
50
49
48
47
41
42
Drive
Well
Shave Oak Barn
Perm. Pasture
Log Cabin
Log Garage
Log Shed
Log Barn
Log House
Log Outhouse
Log Privy
Log Chicken Coop
Log Corn Crib
Log Tobacco Barn
Log Smoke House
Log Blacksmith Shop
Log Granary
Log Tool Shed
Log Machine Shed
Log Equipment Shed
Log Hay Barn
Log Dairy Barn
Log Milking Parlor
Log Feed Barn
Log Horse Barn
Log Stable
Log Pump House
Log Windmill
Log Water Tower
Log Silo
Log Grain Bin
Log Elevator
Log Scale
Log Loader
Log Truck
Log Tractor
Log Trailer
Log Boat
Log Canoe
Log Kayak
Log Paddle
Log Oar
Log Fishing Rod
Log Tackle Box
Log Bait Bucket
Log Cooler
Log Ice Chest
Log Stove
Log Oven
Log Refrigerator
Log Freezer
Log Microwave
Log Toaster
Log Blender
Log Mixer
Log Coffee Maker
Log Tea Kettle
Log Pot
Log Pan
Log Skillet
Log Griddle
Log Grill
Log Spatula
Log Turner
Log Ladle
Log Whisk
Log Knife
Log Fork
Log Spoon
Log Plate
Log Bowl
Log Cup
Log Glass
Log Mug
Log Pitcher
Log Jug
Log Bottle
Log Can
Log Box
Log Bag
Log Basket
Log Crate
Log Barrel
Log Keg
Log Tub
Log Bucket
Log Pail
Log Shovel
Log Rake
Log Hoe
Log Axe
Log Saw
Log Hammer
Log Nail
Log Screw
Log Bolt
Log Nut
Log Washer
Log Wrench
Log Pliers
Log Screwdriver
Log Drill
Log Sander
Log Grinder
Log Welder
Log Torch
Log Anvil
Log Vise
Log Clamp
Log Jack
Log Chain
Log Rope
Log Cable
Log Wire
Log Pipe
Log Hose
Log Valve
Log Faucet
Log Sink
Log Toilet
Log Shower
Log Bathtub
Log Mirror
Log Light
Log Lamp
Log Fan
Log Heater
Log Air Conditioner
Log Thermostat
Log Clock
Log Radio
Log Television
Log Computer
Log Phone
Log Camera
Log Video Camera
Log Tripod
Log Microphone
Log Speaker
Log Amplifier
Log Mixer
Log Turntable
Log Record
Log Tape
Log CD
Log DVD
Log Book
Log Magazine
Log Newspaper
Log Pen
Log Pencil
Log Eraser
Log Ruler
Log Compass
Log Protractor
Log Calculator
Log Scale
Log Level
Log Square
Log Plumb Bob
Log Chalk
Log Marker
Log Highlighter
Log Stapler
Log Staple Remover
Log Tape Dispenser
Log Scissors
Log Paper Clip
Log Binder Clip
Log Rubber Band
Log Envelope
Log Letter
Log Package
Log Box
Log Bag
Log Basket
Log Crate
Log Barrel
Log Keg
Log Tub
Log Bucket
Log Pail
Log Shovel
Log Rake
Log Hoe
Log Axe
Log Saw
Log Hammer
Log Nail
Log Screw
Log Bolt
Log Nut
Log Washer
Log Wrench
Log Pliers
Log Screwdriver
Log Drill
Log Sander
Log Grinder
Log Welder
Log Torch
Log Anvil
Log Vise
Log Clamp
Log Jack
Log Chain
Log Rope
Log Cable
Log Wire
Log Pipe
Log Hose
Log Valve
Log Faucet
Log Sink
Log Toilet
Log Shower
Log Bathtub
Log Mirror
Log Light
Log Lamp
Log Fan
Log Heater
Log Air Conditioner
Log Thermostat
Log Clock
Log Radio
Log Television
Log Computer
Log Phone
Log Camera
Log Video Camera
Log Tripod
Log Microphone
Log Speaker
Log Amplifier
Log Mixer
Log Turntable
Log Record
Log Tape
Log CD
Log DVD
Log Book
Log Magazine
Log Newspaper
Log Pen
Log Pencil
Log Eraser
Log Ruler
Log Compass
Log Protractor
Log Calculator
Log Scale
Log Level
Log Square
Log Plumb Bob
Log Chalk
Log Marker
Log Highlighter
Log Stapler
Log Staple Remover
Log Tape Dispenser
Log Scissors
Log Paper Clip
Log Binder Clip
Log Rubber Band
Log Envelope
Log Letter
Log Package

S&ME

Health Dept. Copy

To: Iredell County Environmental Health Department

From: Kathleen Saunders, LSSIT
Paul Penninger, LSS

RE: Georgia Mills Plantation – Pilot Development – Lot 48 Fast Track

Date: December 5, 2007

Attached is the Fast Track information required to place Lot 48 Georgia Mills Plantation on your developer team work list to review the septic system layouts. Please call when you are ready to review the lot and we will meet you on the site.

The attached information is not an Improvement Permit or Authorization to Construct, and is only to assist the Iredell County Environmental Health Department (ICHD) with the site evaluation. The ICHD has to approve each lot and only the ICHD can issue these permits. The system should be installed according to the ICHD permits, policies, and NC rules. If the ICHD wishes to change tank locations, distribution devices, etc., this can be shown on the Improvement Permit.

All information and specifications were prepared in conjunction with the Fast Track Program for Iredell County and are for the sole use of Pilot Development in acquiring permits under the Fast Track Program. All soil work has been approved by Judy Melville of the Iredell County Health Department. It is ultimately the Iredell County Health Department's responsibility to verify all specifications before permitting and/or septic system installation.

Lot 48 GA Mills Plantation Fast Track Septic System Information

Number of Bedrooms	**4**
Basement or Crawl	**Crawl Space**
Design Flow (gpd)	**480**
Primary System Type	**25% Reduction**
LTAR (gpd)/ft2	**0.3**
Total Ft. Line	400
No. Lines	6 (See Table)
Pump Required	No
Distribution Device	Drop Boxes with Flow Divider
Maintenance Agreement Required	No
Repair System	**LP PPBPS**
Total Ft. Line	374
Repair System Loading Rate	0.25

Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)
1	Repair	Pink	LP PPBPS	50
2	Repair	Red	LP PPBPS	68
3	Repair	Pink	LP PPBPS	69
4	Repair	Orange	LP PPBPS	50
5	Repair	White	LP PPBPS	42
6	Repair	Red	LP PPBPS	50
7	System	Blue	25% Reduction	57 endfed
8	System	Pink	25% Reduction	68 endfed
9	System	Orange	25% Reduction	75 endfed
10	System	White	25% Reduction	70 endfed
11	System	Blue	25% Reduction	70 endfed
12	System	Pink	25% Reduction	60 endfed
13	Repair	Red	LP PPBPS	45
				Total System: 400'
				Total Repair: 374'

Tank	Red	1000 gal (2 compartment)
House	Blue	

Notes: **Shave off berm to improve surface runoff. Keep supply lines and Drop Boxes min. 5 feet away from house.**